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KATALOG

CATALOGUE



fastpoint

www.fastpointweb.de

fastpoint

wir verbinden Vorteile



Die Fastpoint GmbH ist ein Tochterunternehmen der italienischen Fastpoint s.r.l. mit Sitz in Geretsried. Zuletzt erweiterte sich das seit 2013 bestehende Firmenprofil um eine zusätzliche Verkaufs- und Serviceniederlassung in Spanien. Seit der Gründung im Jahre 1983 steht das familiengeführte Unternehmen in Italien für hohe Kompetenz, Erfahrung sowie individuellen Kundenservice im Bereich der Befestigungstechnik. Die Fastpoint GmbH ist Ihr Ansprechpartner wenn es um die kundenspezifische Entwicklung, Fertigung und Produktion von Befestigungs- und Verbindungselementen sowie Dichtungs- und Schutzelementen aus Kunststoff, Gummi und Metall geht. Neben unseren Produkten erfüllen auch die Prozesse der Fastpoint Gruppe höchste Qualitätsstandards entlang der Wertschöpfung. So wurde neben der Headquarter Niederlassung in Italien auch die deutsche Fastpoint GmbH nach ISO 9100 zertifiziert und bietet Ihnen somit transparent, sichere Geschäftsprozesse. Kunden profitieren von einem breiten Produktportfolio mit über 30.000 Artikel, der hohen Verfügbarkeit von Standardartikel und unser eigenen, modernen Produktion einschließlich internen Qualitätssicherung. Durch persönliche und kompetente Betreuung unserer Mitarbeiter und einem weltweit, kostenlosen Musterversand bieten wir Ihnen ein auf Ihre Projektierung abgestimmtes Serviceangebot.

Fastpoint GmbH is a subsidiary of the Italian Fastpoint s.r.l. based in Geretsried. Most recently, the company profile that has existed since 2013 was expanded to include an additional sales and service branch in Spain. Since it was founded in 1983, the family-run company in Italy has stood for high competence, experience and individual customer service in the field of fastening technology. Fastpoint GmbH is your contact when it comes to customer-specific development, manufacture and production of fastening and connecting elements as well as sealing and protective elements made of plastic, rubber and metal. In addition to our products, the Fastpoint Group's processes also meet the highest quality standards along the value chain. In addition to the headquarters in Italy, the German Fastpoint GmbH was certified according to ISO 9100 and thus offers you transparent, secure business processes. Customers benefit from a broad product portfolio with over 30,000 items, the high availability of standard items and our own modern production facilities including internal quality assurance. With personal and competent support from our employees and free sample shipping worldwide, we offer you a range of services tailored to your project planning.









"Befestigungssysteme, Schutzelemente & Zubehör für alle Anforderungen"

"Fixing systems and accessories for any requirements"



FASTPOINT GmbH
(Geretsried) Germany



FASTPOINT SRL
(Venice) Italy



FASTPOINT COMPONENTS SLU
(Barcelona) Spain







UNSER KATALOG | *OUR CATALOGUE*

Fastpoint unterstützt seine Kunden mit über 32.000 Standardartikel, die in diesem Katalog zusammengefasst sind. Wir konzentrieren uns ständig auf die neuen Anforderungen unserer Kunden und erweitern unser Sortiment kontinuierlich, um neue Produkte aufzunehmen, um auf deren Bedürfnisse einzugehen und den neuen technologischen Veränderungen erfolgreich zu begegnen.

Relying on a catalogue of over 32.000 articles, Fastpoint provides a wide range of fastening systems suitables to meet any type of application. Constantly focusing on our customers requirements we continuously add new products to our range, to respond to their needs and to successfully face the new technological changes.



"Mehr als 32.000 Artikel im Katalog"

"More than 32.000 articles in our catalogue"



KUNDENSPEZIFISCHE LÖSUNGEN | *CUSTOMIZED SOLUTIONS*

Wir bieten neben dem umfangreichen Standardsortiment auch kundenspezifische Lösungen an. Dadurch sind Sie in der Lage, Ihre Montagezeiten, den Materialeinsatz und somit Ihre Prozesskosten zu minimieren.

In addition to the extensive standard range, we also offer customized solutions. This enables you to minimize assembly times, reduce the material costs and limiting your process costs.

TECHNISCHE UNTERSTÜTZUNG | *TECHNICAL SUPPORT*

Fastpoint unterstützt seine Kunden in der Entwicklung- und Konstruktionsphase mit Lösungen, die auf Wirtschaftlichkeit, Funktionalität und Effizienz ausgerichtet sind. Durch die enge Zusammenarbeit mit internationalen Partnern wird deren Kompetenz bereits bei der Planung von Produkten und Lösungen miteinbezogen und berücksichtigt.

Fastpoint supports his customers in the development and construction periode with solutions that are efficiency and efficiency oriented. Due to the close collaboration with international partners, their competence and technologie will be already included in the planning of products.





BERATUNG - SERVICE | *ADVICE - SERVICE*

Wir beraten umfassend und zielorientiert, um unseren Kunden die funktionalsten und kostengünstigsten Lösungen vorzustellen. Ziele erreicht man deutlich schneller durch Zusammenarbeit. Um Lösungen voranzutreiben, möchten wir die Entwicklungs- und Produktionsprozesse durch unsere Servicebereitschaft und Dienstleistungen unterstützen.

We consult and targeted advice in orientation to present our customers the most functional and cost effective solutions. Goals can be reached much faster through collaboration, to drive solutions forward we want the development and production processes through our service and support.

WIRTSCHAFTLICHKEIT | *ECONOMICS*

Fastpoint ist spezialisiert auf die Umsetzung kundenspezifischer Modifikationen von bestehenden Standardartikel und marktaktueller Entwicklungen. Sie erhalten bei uns kurzfristig entsprechende Designvorschläge und Angebote der ausgearbeiteten Lösungen.

Fastpoint is specialized in providing customized modifications and customer requiring developments. You will receive in short time appropriate design proposals and offers for your applications.

BESUCHEN SIE UNSERE HOMEPAGE
VISIT OUR WEBSITE



Wir stellen Ihnen auf unserem Webportal eine schnelle und intuitive Suchmaschine zur Verfügung, mit der Sie Ihre Auswahl schnell und sicher treffen können und die besten Lösungen für Ihre Anforderungen finden werden. Ebenso können Sie die gesamte technische Dokumentation für jedes Produkt herunterladen und eine 3D-Vorschau öffnen.

We put at your disposal on our web portal a quick and intuitive search engine to guide your choices and identify the best solutions to your needs. It is also possible to download all the technical documentation for each product and have a 3D preview.

DATENBLÄTTER
DATASHEETS

3D DOWNLOAD
CAD DOWNLOAD

3D ANIMATIONEN
3D PREVIEW

ANFRAGEN
QUOTATIONS



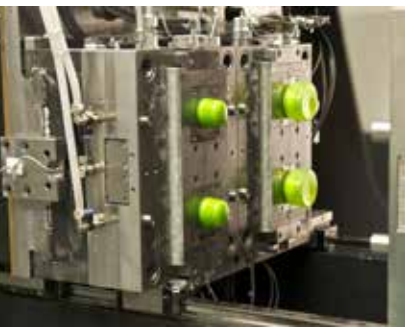






VORTEILE MIT DENEN WIR ÜBERZEUGEN
ADVANTAGES WHERE WE CONVINCE

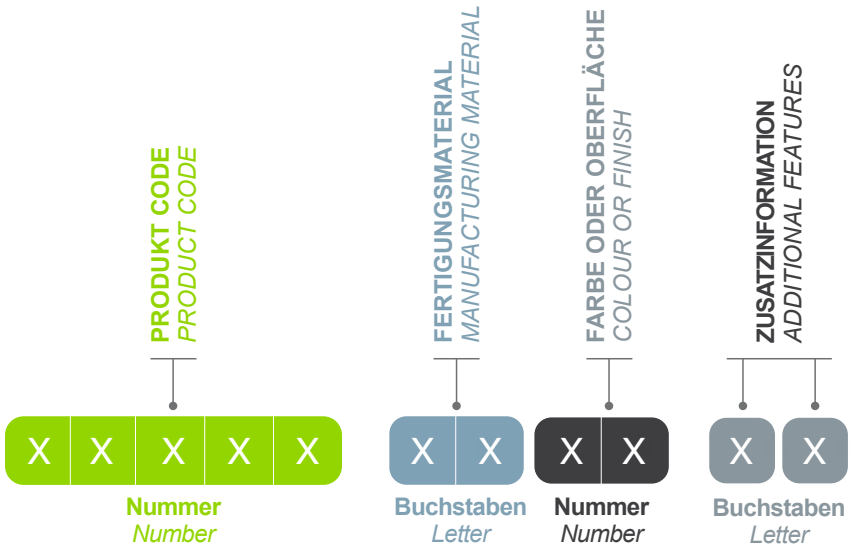
- *Wirtschaftliche Mehrwerte erzeugen durch Innovation*
  Generate economic value by innovation
- *Kundenspezifische Lösungen & Modifikationen*
  Customized solutions & modifications
- *Fertigungskompetenz im Haus*
  Inhouse manufactering
- *Zertifiziertes Qualitätsmanagement ISO 9001: 2015*
  Certified quality management







ARTIKEL CODIERUNG
CODING OF OUR PRODUCTS



Beispielcode | *example code*

6136 AA00 AS

Fastpoint code	ROHMATERIAL *MANUFACTURING MATERIAL*	KURZZEICHEN *CODE*	FARBE ODER OBERFLÄCHE *COLOUR AND FINISH*	
AA	**Polyamid 6 / 6.6** *Nylon 6 / 6.6*	**PA 6 / PA 6.6**	**00**	**Farbe natur** *Colour natural*
AB/BB	**Polyamid 66 + 25% Glasfaser** *Polyamide 66 + 25% glass reinforced*	**PA 6.6 25GF** *PA 6.6 25GF*	**01**	**Farbe schwarz** *Colour black*
AF	**UV-beständiges Polyamid 6.6** *UV-resistant Polyamide 6.6*	**PA 6.6**	**02**	**Farbe weiss** *Colour white*
AL	**Aluminium** Aluminium	**AL**	**04**	**Farbe rot** *Colour red*
AM	**Polyamid 4.6** *Nylon 4.6*	**PA 4.6**	**06**	**Farbe gelb** *Colour yellow*
AR	**Polyamid 6.6 UL94-V0** *Polyamide 6.6 UL94-V0*	**PA 6.6 V0**	**08**	**Farbe blau** *Colour blue*
AT	**Hitzebeständiges Polyamid 6.6** *Heat-resistant Polyamide 6.6*	**PA 6.6**	**10**	**Farbe grün** *Colour green*
BE	**Polyamid 12** *Nylon 12*	**PA 12**	**11**	**Farbe grau** *Colour grey*
CA / CC	**Weich / Hart PVC** *Polyvinyl chloride soft / rigid*	**PVC**	**15**	**Farbe beige** *Coulor beige*
CB	**Polyurethan** *Polyurethane*	**PU**	**12**	**Farbe orange** *Colour orange*

Fastpoint code	ROHMATERIAL *MANUFACTURING MATERIAL*	KURZZEICHEN *CODE*	FARBE ODER OBERFLÄCHE *COLOUR AND FINISH*	
CR	**Cholopren Kautschuk** *Chloroprene Rubber*	CR	89	**Oberfläche poliert** *Finishing brunished*
DA	**Polystyrol** *Polystyrene*	PS	90	**Oberfläche unbehandelt** *Finishing untreated*
EA	**Polyethylen niedrige Dichte** *Low density polyetylene*	PE-LD	91	**Oberfläche verzinnt** *Finishing thin-plated*
EB / EC	**Poyenthylen hohe Dichte** *High density polyetylene*	PE-HD	92	**Oberfläche vernickelt** *Finishing nikel-plated*
FA	**Polypropylene** *Polypropylene*	PP	93	**Oberfläche verchromt** *Finishing chrome-plated*
GA	**Polyacetal** *Acetalic*	POM	94	**Oberfläche galvanisch beh.** *Finishing galvanized*
GS	**Ethylen-Proylen-Dien-Kautschuk** *Ethylene propylene diene monomer*	EPDM	95	**Oberfläche versilbert** *Finishing silver-plated*
HA	**Acrylnitril-Butadien-Styrol-Copolymer** *Acrylonitrile butadiene styrene*	ABS	96	**Oberfläche vergoldet** Finishing gold-plated
MA	**Messing** *Brass*	CuZn	99	**keine spez. Farbe o. Oberfläche** Unspecified colour or finish
MC/MF	**Stahl** *Steel*	-		
MD	**Nichtrostender Stahl** *Stainless steel*	-		
PM	**Acrylglas** *Methacrylate*	PMMA		
NA/NC	**Polycarbonat** *Polycarbonate*	PC		
NV	**Polycarbonat UL94 V0** *Polycarbonate UL94 V0*	PC		
NR	**Nitrilkautschuk** *Nitrile butadiene*	NBR		
PD	**Naturkautschuk** *Natural rubber*	NR		
PF	**Thermoplastisches Elastomer 120° C** *Thermoplastic elastomer resist. 120°C*	TPE		
SI	**Silikon** Silicon	SIR		
PS	**Thermoplastische Elastomer** *Thermoplastic elastomer*	TPE		
PT	**Polyester** *Polyester*	-		
RA	**Polyolefine** *Polyolefin*	PO		
EV	**Ethylen-Vinylacetat-Copolymer** *Ethylene vinyl acetate*	EVA		



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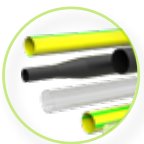


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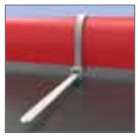

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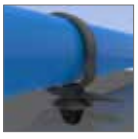

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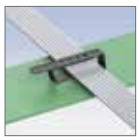

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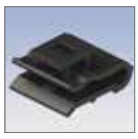

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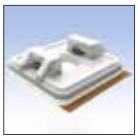


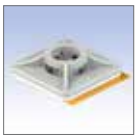
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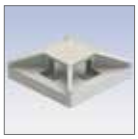

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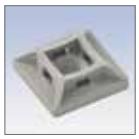
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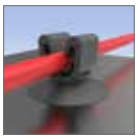
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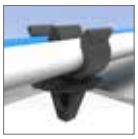

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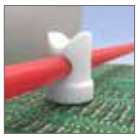

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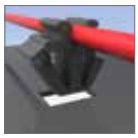
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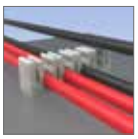

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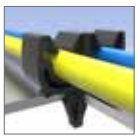

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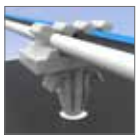

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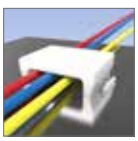

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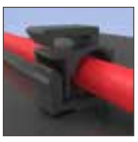

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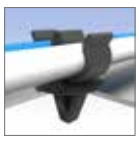

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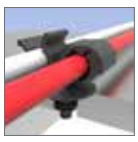

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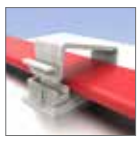

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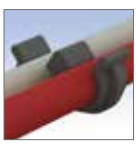


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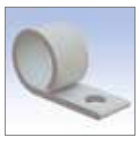

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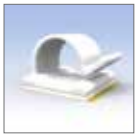


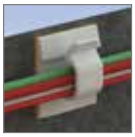
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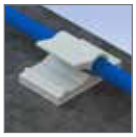

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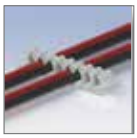

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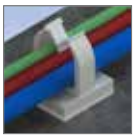

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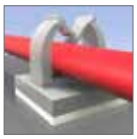


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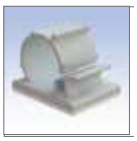
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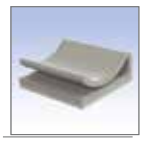

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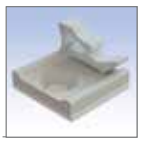

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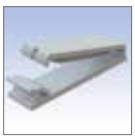

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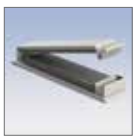

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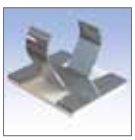

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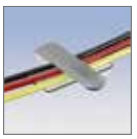

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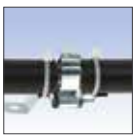

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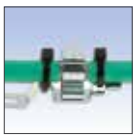


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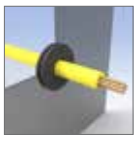

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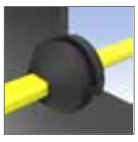
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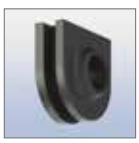

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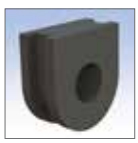

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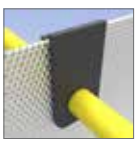

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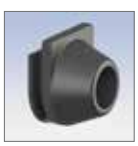

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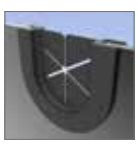

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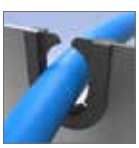

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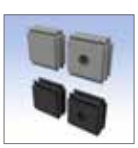
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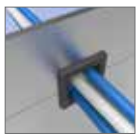

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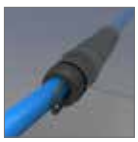


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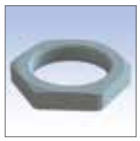

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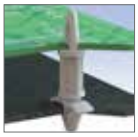

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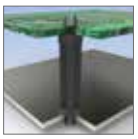

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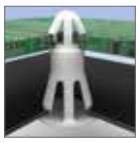

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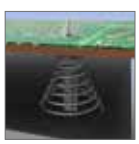

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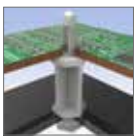

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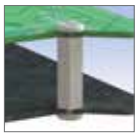

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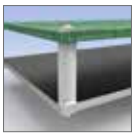

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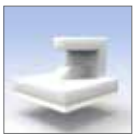

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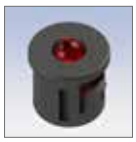
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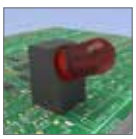

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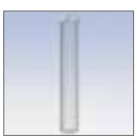

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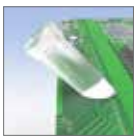
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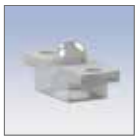

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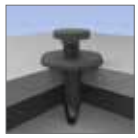

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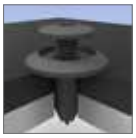

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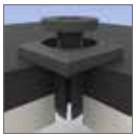

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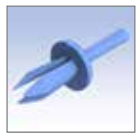

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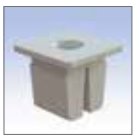

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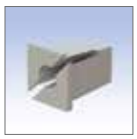

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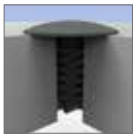

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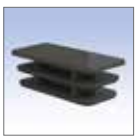
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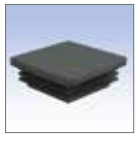
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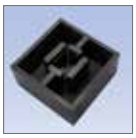

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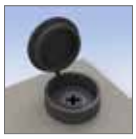

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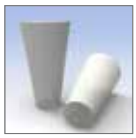

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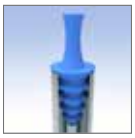

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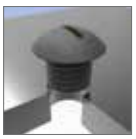

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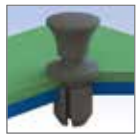

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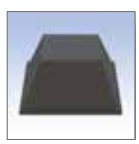

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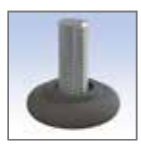

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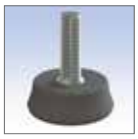

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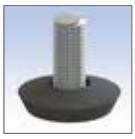

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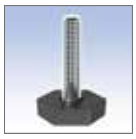

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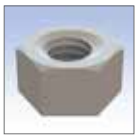

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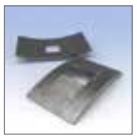

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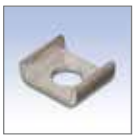
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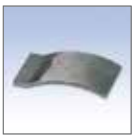

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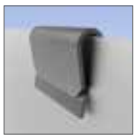

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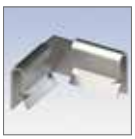

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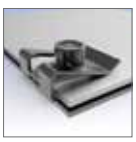

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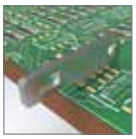

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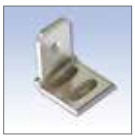

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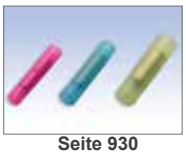

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ANMERKUNGEN - Notes

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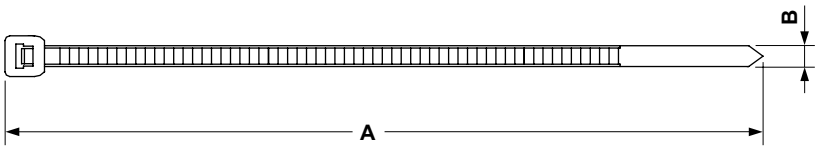
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fastpoint

Kabelbinder | *Cable ties*



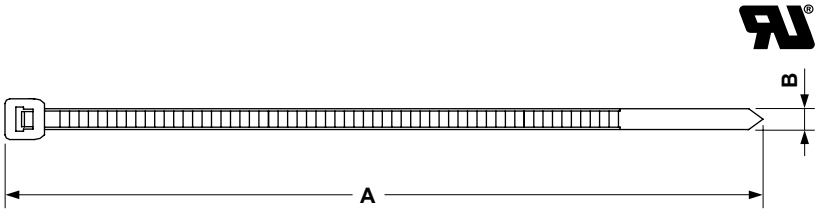


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur oder Schwarz** / *Colour: Natural or Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Für Farbe Schwarz bitte Farbcode AA01 verwenden / *For colour Black please use colour code AA01*

ARTIKEL *P/N*	A	B	Max. Bündeldurchmesser *Max. diameter of the cable*	Mindestlast (Kg) *Min. loop tensile strenght (Kg)*	VPE-Stckz. *Moq-Pcs*
0388AA01	77,0	**2,2**	Ø 15,0	6,12	1.000
0377AA00	98,0	**2,5**	Ø 21,0	8,10	1.000
0139AA00	135,0	**2,5**	Ø 32,0	8,10	1.000
2297AA00	160,0	**2,5**	Ø 40,0	8,10	1.000
0382AA00	200,0	**2,5**	Ø 52,0	8,10	1.000
0383AA00	140,0	**3,6**	Ø 35,0	13,2	1.000
2294AA00	200,0	**3,6**	Ø 50,0	13,2	1.000
2295AA00	290,0	**3,6**	Ø 80,0	13,2	1.000
3786AA00	370,0	**3,6**	Ø 103,0	13,2	100
1289AA00	120,0	**4,8**	Ø 24,0	22,2	1.000
0384AA00	160,0	**4,8**	Ø 40,0	22,2	1.000
0385AA00	188,0	**4,8**	Ø 45,0	22,2	1.000
0386AA00	200,0	**4,8**	Ø 50,0	22,2	1.000
1290AA00	250,0	**4,8**	Ø 68,0	22,2	1.000
0387AA00	280,0	**4,8**	Ø 79,0	22,2	1.000
0376AA00	360,0	**4,8**	Ø 103,0	22,2	100
3717AA00	390,0	**4,8**	Ø 106,0	22,2	100
2431AA00	430,0	**4,8**	Ø 115,0	22,2	100
5346AA00	925,0	**4,8**	Ø 263,0	40,0	100
0390AA00	180,0	**7,6**	Ø 45,0	54,4	100
0391AA00	240,0	**7,6**	Ø 63,0	54,4	100
1291AA00	292,0	**7,6**	Ø 80,0	54,4	100
0374AA00	360,0	**7,6**	Ø 100,0	54,4	100
0375AA00	450,0	**7,6**	Ø 130,0	54,4	100
0392AA00	530,0	**7,6**	Ø 158,0	54,4	100
0393AA00	750,0	**7,6**	Ø 200,0	54,4	100





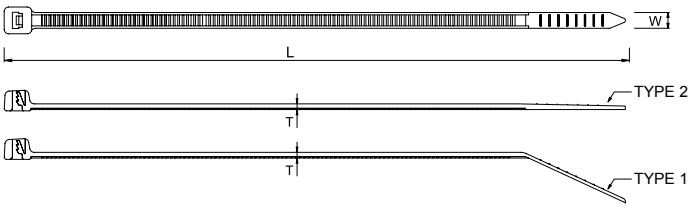
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur oder Schwarz** / *Colour: Natural or Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Für Farbe Schwarz bitte Farbcode AA01 verwenden / *For colour Black please use colour code AA01*

ARTIKEL *P/N*	**A**	**B**	**Max. Bündeldurchmesser** *Max. diameter of the cable*	**Mindestlast (Kg)** *Min. loop tensile strenght (Kg)*	**VPE-Stckz.** *Moq-Pcs*
1292AA00	775,0	**9,0**	Ø 233,0	71,4	100
1294AA00	485,0	**12,5**	Ø 143,0	110,0	100
1295AA00	720,0	**12,5**	Ø 213,0	110,0	100
1296AA00	850,0	**12,5**	Ø 255,0	110,0	100
1297AA00	1.000	**12,5**	Ø 302,0	110,0	100

UV-BESTÄNDIGE KABELBINDER
UV RESISTANT CABLE TIES





new PRODUCT

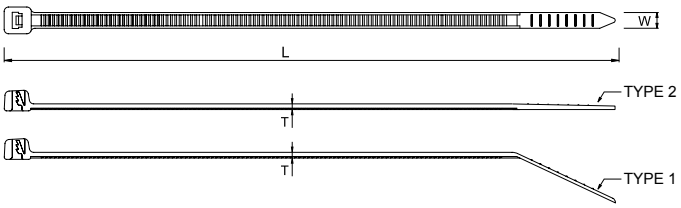
UV RESISTANT

- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**L**	**W**	**T**	**Max. Bündeldurchmesser** *Max. diameter of the cable*	**Mindestlast (Kg)** *Min. loop tensile strenght (Kg)*	**Type**	**VPE-Stckz.** *Moq-Pcs*
0377AF01XR	100,0	2,5	1,1	Ø 22,0	8,2	1	100
0139AF01XR	140,0	2,5	1,1	Ø 33,0	8,2	1	100
2297AF01XR	160,0	2,5	1,1	Ø 40,0	8,2	1	100
0382AF01XR	200,0	2,5	1,2	Ø 53,0	8,2	1	100
0383AF01XR	150,0	3,6	1,2	Ø 35,0	18,2	1	100
2294AF01XR	200,0	3,6	1,2	Ø 53,0	18,2	1	100
2295AF01XR	300,0	3,6	1,2	Ø 76,0	18,2	1	100
0386AF01XR	200,0	4,8	1,3	Ø 50,0	22,6	1	100
0387AF01XR	300,0	4,8	1,3	Ø 76,0	22,6	1	100
0376AF01XR	370,0	4,8	1,3	Ø 102,0	22,6	1	100
2431AF01XR	430,0	4,8	1,3	Ø 110,0	22,6	1	100
1291AF01XR	300,0	7,6	1,6	Ø 76,0	54,5	2	100
0374AF01XR	370,0	7,6	1,6	Ø 102,0	54,5	2	100
0375AF01XR	450,0	7,6	1,8	Ø 130,0	54,5	2	100
19203AF01XR	603,0	7,6	1,6	Ø 175,0	54,5	2	100
19204AF01XR	530,0	9,0	1,8	Ø 140,0	79,3	2	100
1294AF01XR	480,0	12,6	2,0	Ø 120,0	113,4	2	100

HITZEBESTÄNDIGE KABELBINDER
HEAT RESISTANT CABLE TIES



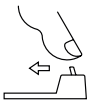


- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +120**
- **Entflammbarkeit:** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

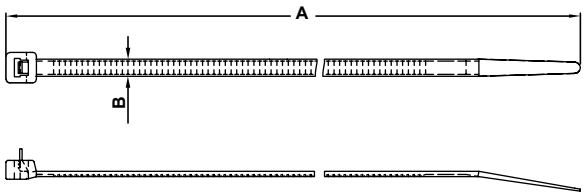
ARTIKEL *P/N*	**L**	**W**	**T**	**Max. Bündeldurchmesser** *Max. diameter of the cable*	**Mindestlast (Kg)** *Min. loop tensile strenght (Kg)*	**Type**	**VPE-Stckz.** *Moq-Pcs*
0377AT01XR	100,0	2,5	1,1	Ø 22,0	8,2	1	100
0139AT01XR	140,0	2,5	1,1	Ø 33,0	8,2	1	100
2297AT01XR	160,0	2,5	1,1	Ø 40,0	8,2	1	100
0382AT01XR	200,0	2,5	1,2	Ø 53,0	8,2	1	100
0383AT01XR	150,0	3,6	1,2	Ø 35,0	18,2	1	100
2294AT01XR	200,0	3,6	1,2	Ø 53,0	18,2	1	100
2295AT01XR	300,0	3,6	1,2	Ø 76,0	18,2	1	100
0386AT01XR	200,0	4,8	1,3	Ø 50,0	22,6	1	100
0387AT01XR	300,0	4,8	1,3	Ø 76,0	22,6	1	100
0376AT01XR	370,0	4,8	1,3	Ø 102,0	22,6	1	100
2431AT01XR	430,0	4,8	1,3	Ø 110,0	22,6	2	100
1291AT01XR	300,0	7,6	1,6	Ø 76,0	54,5	2	100
0374AT01XR	370,0	7,6	1,6	Ø 102,0	54,5	2	100
0375AT01XR	450,0	7,6	1,8	Ø 130,0	54,5	2	100
19203AT01XR	603,0	7,6	1,6	Ø 175,0	54,5	2	100
19204AT01XR	530,0	9,0	1,8	Ø 140,0	79,3	2	100

DIESE KABELBINDER KÖNNEN DURCH DRÜCKEN AUF DIE KLEINE LASCHE GEÖFFNET UND WIEDERVERWENDET WERDEN.
THIS TIES CAN BE UNFASTENED AND REUSED BY PRESSING THE PAWL.

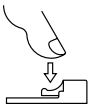




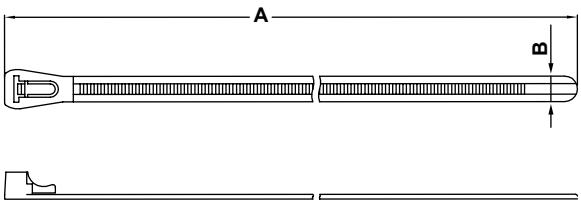
TYPE 1







TYPE 2

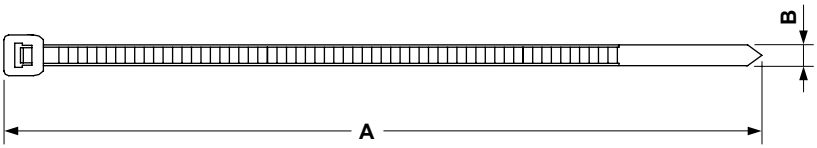


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Type	A	B	Farbe *Colour*	Max. Bündeldurchmesser *Max. cable diameter*	Mindestlast (Kg) *Min. loop tensile strenght (Kg)*	VPE-Stckz. *Moq/Pcs*
4721AA00	1	200,0	**4,8**	**Natur** / *Natural*	Ø 50,0	22,2	1.000
4722AA00	1	300,0	**4,8**	**Natur** / *Natural*	Ø 76,0	22,2	1.000
4723AA00	1	370,0	**4,8**	**Natur** / *Natural*	Ø 102,0	22,2	1.000
5584AA01	2	200,0	**7,6**	**Schwarz** / *Black*	Ø 50,0	22,2	1.000







- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Blau** / *Colour: Blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

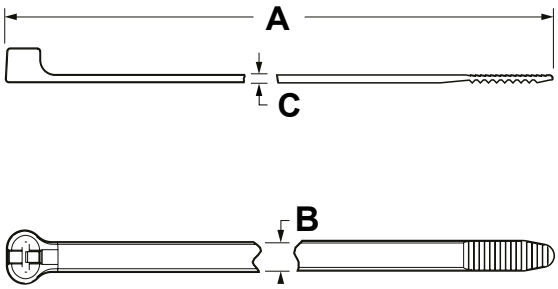
Entspricht der europäischen HACCP-Verordnung / *Compliant with European HACCP regulation*

Erkennbar durch Röntgengeräte und Metalldetektoren / *Detectable by X-ray equipment and by metal detector*

ARTIKEL *P/N*	A	B	Max. Bündeldurchmesser *Max. cable diameter*	Mindestlast (Kg) *Min. loop tensile strenght (Kg)*	VPE-Stckz. *Moq/Pcs*
13190AA08	100,0	**2,5**	Ø 22,0	8,1	100
13191AA08	150,0	**3,6**	Ø 35,0	18,2	100
13192AA08	200,0	**3,6**	Ø 53,0	18,2	100
13193AA08	200,0	**4,8**	Ø 50,0	22,2	100
13194AA08	300,0	**4,8**	Ø 76,0	22,2	100
13195AA08	368,0	**4,8**	Ø 102,0	22,2	100
13196AA08	368,0	**7,6**	Ø 102,0	54,0	100

TY-RAP® KABELBINDER MIT METALLZUNGE
TY-RAP® CABLE TIES WITH METALLIC BARB



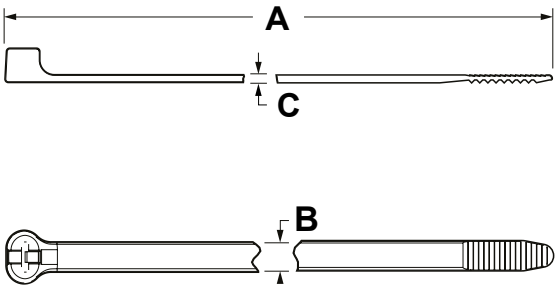


- **Material: PA 6.6** / *Material: PA 6.6*
  Metallzunge: 1.4401 / *Barb: Steel 316*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Max. Bündeldurchmesser *Max. cable diameter*	Mindestlast (N) *Min. loop tensile strenght (N)*	VPE-Stckz. *Moq/Pcs*
18179AA00	92,0	2,3	1,0	Ø 1,5 - 22,0	80	1.000
18180AA00	203,0	2,3	1,0	Ø 1,5 - 51,0	80	1.000
18181AA00	356,0	2,3	1,0	Ø 1,5 - 102,0	80	1.000
18182AA00	140,0	3,6	1,1	Ø 2,0 - 35,0	180	1.000
18183AA00	208,0	3,6	1,1	Ø 2,0 - 51,0	180	1.000
18184AA00	284,0	3,6	1,1	Ø 2,0 - 76,0	130	1.000
18185AA00	368,0	3,6	1,1	Ø 2,0 - 102,0	130	1.000
18186AA00	186,0	4,8	1,1	Ø 3,0 - 48,0	220	1.000
18187AA00	290,0	4,8	1,3	Ø 3,0 - 78,0	220	1.000
18188AA00	361,0	4,8	1,3	Ø 3,0 - 102,0	220	1.000
18189AA00	223,0	6,9	1,6	Ø 6,0 - 51,0	534	500
18190AA00	340,0	7,0	1,6	Ø 6,0 - 102,0	540	500
18191AA00	457,0	7,0	1,6	Ø 6,0 - 127,0	540	500
18192AA00	617,0	7,0	1,6	Ø 6,0 - 177,0	540	500
18193AA00	771,0	6,9	1,5	Ø 6,0 - 229,0	540	500
18194AA00	150,0	7,6	1,6	Ø 6,0 - 31,0	540	500
18195AA00	889,0	8,2	1,7	bis Ø 254,0	780	50
18196AA00	1143,0	8,2	1,7	bis Ø 330,0	780	50

TY-RAP® KABELBINDER MIT METALLZUNGE
TY-RAP® CABLE TIES WITH METALLIC BARB



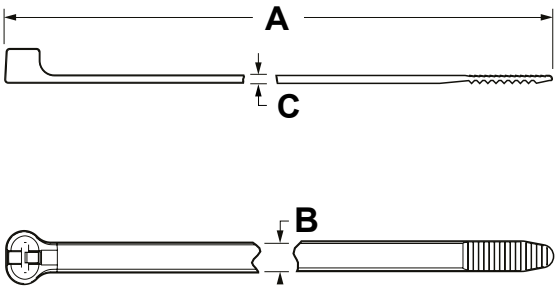


- **Material: PA 6.6** / *Material: PA 6.6*
  Metallzunge: 1.4401 / *Barb: 316 stainless steel*
- **Farbe:Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-60°C ~ +105°C**
- **UV-beständig** / *UV resistant*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Max. Bündeldurchmesser *Max. cable diameter*	Mindestlast (N) *Min. loop tensile strenght (N)*	VPE-Stckz. *Moq/Pcs*
18179AA01	92,0	2,3	1,0	Ø 1,5 - 22,0	80	1.000
18180AA01	203,0	2,3	1,0	Ø 1,5 - 51,0	80	1.000
18181AA01	356,0	2,3	1,0	Ø 1,5 - 102,0	80	1.000
18182AA01	140,0	3,6	1,1	Ø 2,0 - 35,0	180	1.000
18183AA01	208,0	3,6	1,1	Ø 2,0 - 51,0	180	1.000
18184AA01	284,0	3,6	1,1	Ø 2,0 - 76,0	130	1.000
18185AA01	368,0	3,6	1,1	Ø 2,0 - 102,0	130	1.000
18186AA01	186,0	4,8	1,1	Ø 3,0 - 48,0	220	1.000
18187AA01	290,0	4,8	1,3	Ø 3,0 - 78,0	220	1.000
18188AA01	361,0	4,8	1,3	Ø 3,0 - 102,0	220	1.000
18189AA01	223,0	6,9	1,6	Ø 6,0 - 51,0	540	500
18190AA01	340,0	7,0	1,6	Ø 6,0 - 102,0	540	500
18191AA01	457,0	7,0	1,6	Ø 6,0 - 127,0	540	500
18192AA01	617,0	7,0	1,6	Ø 6,0 - 177,0	540	500
18193AA01	771,0	6,9	1,5	Ø 6,0 - 229,0	540	500
18194AA01	150,0	7,6	1,6	Ø 6,0 - 31,0	540	500
18195AA01	889,0	8,2	1,7	bis Ø 254,0	780	50
18196AA01	1143,0	8,2	1,7	bis Ø 330,0	780	50

TY-RAP® KABELBINDER MIT METALLZUNG AUS PP
TY-RAP® CABLE TIES WITH BARB IN PP





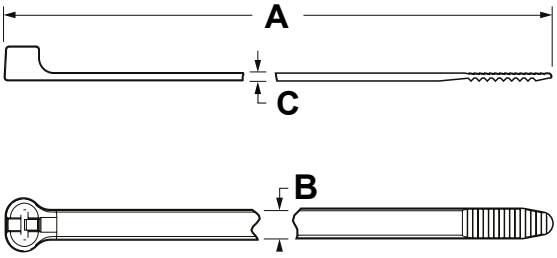
- **Material: PP** / *Material: PP*
  Metallzunge: 1.4401 / *Barb: 316 stainless steel*
- **Temperaturbereich** / *Working temperature:* **-60°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe:Schwarz** / *Colour: Black*
- **UV-beständig** / *UV resistant*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Witterungsbeständige Polypropylen-Ausführung für erhöhte Chemikalienbeständigkeit / *Weather-resistant polypropylene version for increased resistance to chemicals*

Beständig gegen anorganische Säuren, polyedrische Alkohole gegen neutrale und basische Salze / *Resistant to inorganic acids, polyhedral alcohols to neutral and basic salts*

ARTIKEL *P/N*	A	B	C	Max. Bündeldurchmesser *Max. cable diameter*	Mindestlast (N) *Min. loop tensile strenght (N)*	VPE-Stckz. *Moq/Pcs*
18372FA01	92,0	2,4	1,0	Ø 2,0 - 16,0	50	1.000
18373FA01	186,0	4,8	1,1	Ø 3,5 - 45,0	130	1.000
18374FA01	360,0	4,8	1,1	Ø 3,5 - 102,0	130	1.000
18375FA01	340,0	7,0	1,6	Ø 6,0 - 90,0	270	500





- **Material: PA 6.6** / *Material: PA 6.6*
  Metallzunge: 1.4401 / *Barb: 316 stainless steel*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Blau** / *Colour: Blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Entspricht der europäischen HACCP-Verordnung / *Compliant with European HACCP regulation*

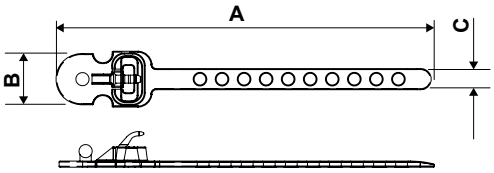
Erkennbar durch Röntgengeräte und Metalldetektoren / *Detectable by X-ray equipment and by metal detector*

ARTIKEL *P/N*	A	B	C	Max. Bündeldurchmesser *Max. cable diameter*	Mindestlast (N) *Min. loop tensile strenght (N)*	VPE-Stckz. *Moq/Pcs*
18197AA08	92,0	2,3	1,0	Ø 1,5 - 22,0	80	100
18198AA08	140,0	3,6	1,1	Ø 2,0 - 35,0	178	100
18199AA08	186,0	4,8	1,1	Ø 3,0 - 48,0	222	100
18200AA08	361,0	4,8	1,3	Ø 3,0 - 102,0	222	100
18201AA08	340,0	7,0	1,6	Ø 6,0 - 102,0	540	50

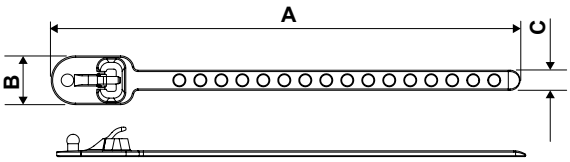




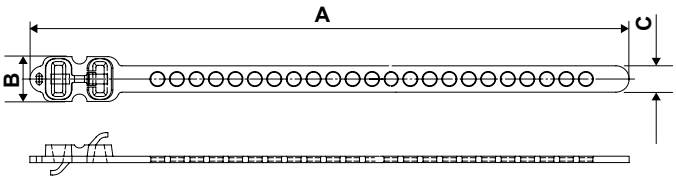
TYPE 1



TYPE 2



TYPE 3

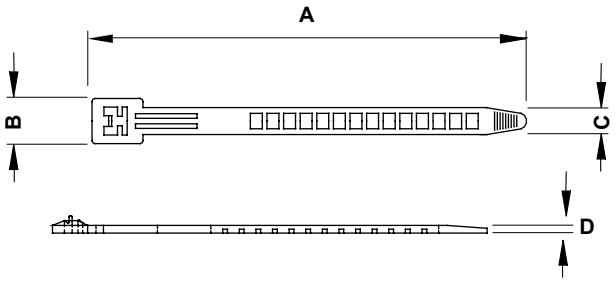


- **Material: TPE**
- **Temperaturbereich** / Working temperature**: -25°C ~ +70°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Blau** / *Colour: Blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10736PS08	1	80,0	11,9	4,5		500
10737PS08	2	105,0	10,9	4,5		500
10738PS08	3	205,6	11,9	7,0		250

BÜNDELBAND
BUNDLE BAND



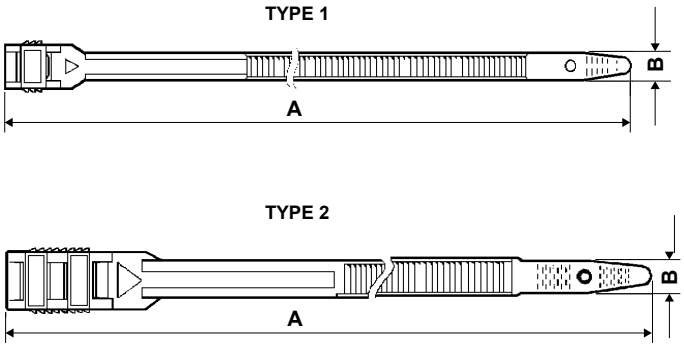


- **Material: siehe Tabelle** / *Material: see table*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:*
  - **PA6.6: V2 (UL94)**
  - **PE-LD: HB (UL94)**
- **Temperaturbereich** / *Working temperature:*
  - **PA 6.6: -35°C ~ +85°C**
  - **PE-LD: -30°C ~ +70°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	MATERIAL	VPE-Stckz. *MOQ-Pcs*
10739AA01	125,0	13,0	7,5	1,0	PA 6.6 UL94 V2	500
10740EA01	157,0	14,7	8,6	1,5	LD - PE	500
10741AA01	205,0	15,0	8,6	1,7	LD - PE	500
10742AA01	300,0	15,0	8,6	1,7	PA 6.6 UL94 V2	500

"CINTEX"- KABELBINDER
"CINTEX" CABLE TIES

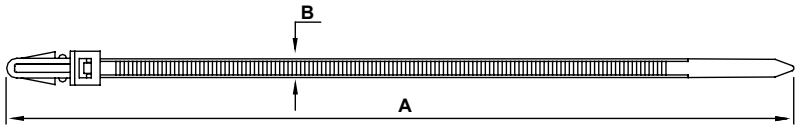




- **Material: PA 12** / *Material: PA 12*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	Max. Bündeldurchmesser *Max. diameter of the cable*	Mindestlast (Kg) *Min. loop tensile strenght (Kg)*	VPE-Stckz. *Moq-Pcs*
6040BE01	1	180,0	**8,6**	Ø 40,0	35,0	1.000
6041BE01	2	260,0	**8,6**	Ø 53,0	50,0	1.000
6042BE01	2	355,0	**8,6**	Ø 83,0	50,0	1.000

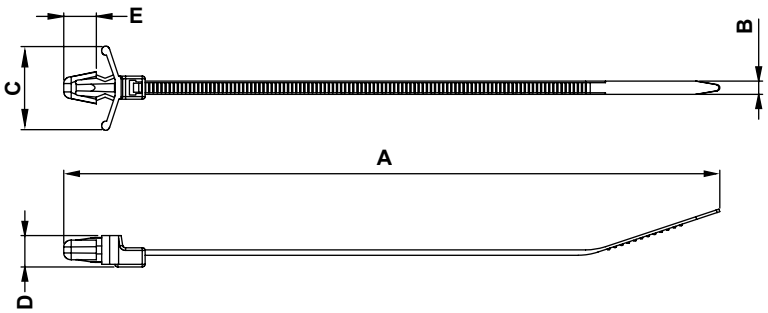




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Max. Bündeldurchmesser *Max. diameter of the cable*	Mindestlast (Kg) *Min. loop tensile strenght (Kg)*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
2501AA00	150,0	**3,6**	Ø 32,0	13,6	Ø 5,2	1,0 - 2,8	1.000
2502AA00	200,0	**4,8**	Ø 46,0	22,2	Ø 6,3	1,0 - 3,6	1.000



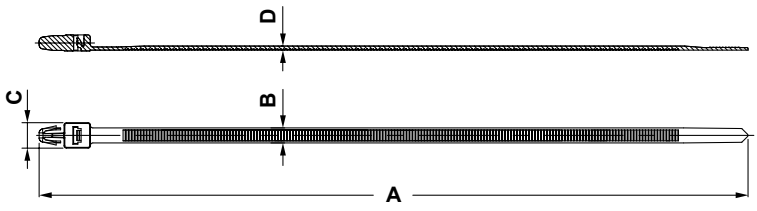


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Max. Bündel Ø *Max. cable Ø*	Mindest-last (Kg) *Min. loop tensile strenght Kg)*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq/Pcs*
4778AA00	110,0	**2,5**	13,3	6,0	6,0	22,0	8,1	Ø 4,8	1,0 - 2,4	1.000
4779AA00	130,0	**3,2**	10,2	6,3	5,0	28,0	13,6	Ø 4,0	1,0 - 2,0	1.000
4773AA00	132,0	**4,8**	17,5	9,3	8,0	25,0	22,2	Ø 6,4	1,0 - 3,2	1.000
4775AA00	170,0	**4,8**	17,5	9,3	8,0	38,0	22,2	Ø 6,4	1,0 - 3,2	1.000
4776AA00	200,0	**4,8**	17,5	9,3	8,0	45,0	22,2	Ø 6,4	1,0 - 3,2	1.000

KABELBINDER MIT STECKFUSS
PUSH MOUNT TIES



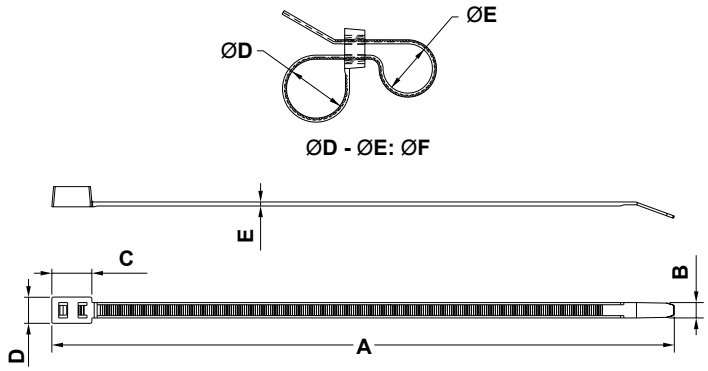


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbre: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12951AA00	225,4	4,8	8,1	1,3	Ø4,8	max 2,3	Max. Ø 50,8	1.000

KABELBINDER MIT DOPPELKOPF
DOUBLE LOOP CABLE TIES

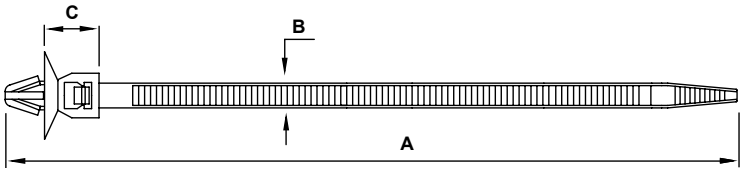




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F Ø *F Ø*	Farbe *Colour*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12906AA00	195,0	4,8	14,3	8,4	1,4	45,0	**Natur** - *Natural*		1.000
12906AA01	195,0	4,8	14,3	8,4	1,4	45,0	**Schwarz** - *Black*		1.000
12907AA00	225,0	4,8	14,3	8,4	1,4	52,0	**Natur** - *Natural*		1.000
12907AA01	225,0	4,8	14,3	8,4	1,4	52,0	**Schwarz** - *Black*		1.000
12908AA00	300,0	4,8	14,3	8,4	1,4	76,0	**Natur** - *Natural*		1.000
12908AA01	300,0	4,8	14,3	8,4	1,4	76,0	**Schwarz** - *Black*		1.000







DIESE KABELBINDER KÖNNEN AN DER MONTAGEPLATTE BEFESTIGT UND IMMER WIEDER GEÖFFNET WERDEN. AUFGRUND DIESER MERKMALE EMPFEHLEN WIR DIE VERWENDUNG, WENN KABEL ODER SCHLÄUCHE SICHER BEFESTIGT UND WIEDER GEÖFFNET WERDEN MÜSSEN.

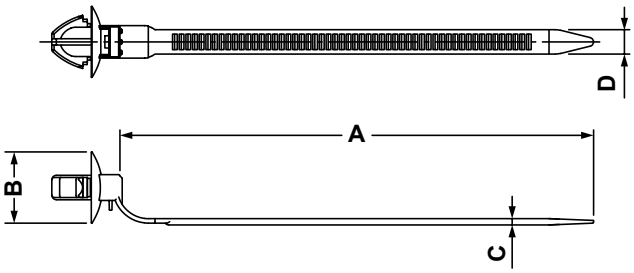
THESE TIES CAN BE FASTENED TO A PANEL AND BE RELEASED MANY TIMES. DUE TO THESE CHARACTERISTICS, WE RECOMEND THAT THEY BE USED WHEN CABLES OR TUBES NEED TO BE FASTENED SECURELY, KEEPING THE RELEASE OPTION. THE CUP PROTECTS THE MOUNTING HOLE FROM DUST AND WATER AND ADD SUPPORT AND STABILITY.

- **Material: PA 66 /** *Material: PA 66*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** *Working temperature:*
  - PA 66: -35°C ~ +85°C
- **Farbe: Natur oder Schwarz** / *Colour:Natural or Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

Für Farbe Schwarz bitte Farbcode AA01 verwenden / *For colour Black please use colour code AA01*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Bohrung** *Hole*	**Stärke** *Thickness*	**max. Bündeldurchmesser** *Max. diameter cable*	**VPE-Stckz.** *Moq/Pcs*
1196AA00	108,0	**4,8**	11,0	9,0	Ø **6,5**	0,6 - 2,0	Ø 2 - 16	1.000
1196AA01	108,0	**4,8**	11,0	9,0	Ø **6,5**	0,6 - 2,0	Ø 2 - 16	1.000
5447AA00	147,0	**4,9**	11,0	9,0	Ø **6,5**	0,6 - 2,0	Ø 6 - 35	1.000
5447AA01	147,0	**4,9**	11,0	9,0	Ø **6,5**	0,6 - 2,0	Ø 6 - 35	1.000



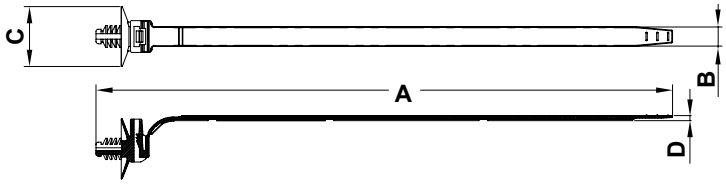


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

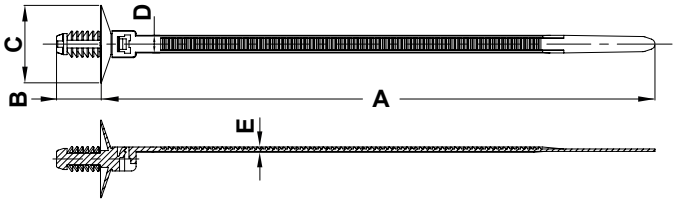
ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
13137AF01	106,3	Ø 16,0	1,4	5,5	Ø 8,0 - Ø 10,0	1,0 - 2,0	1.000



TYPE 1

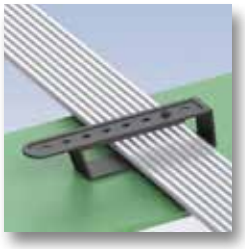


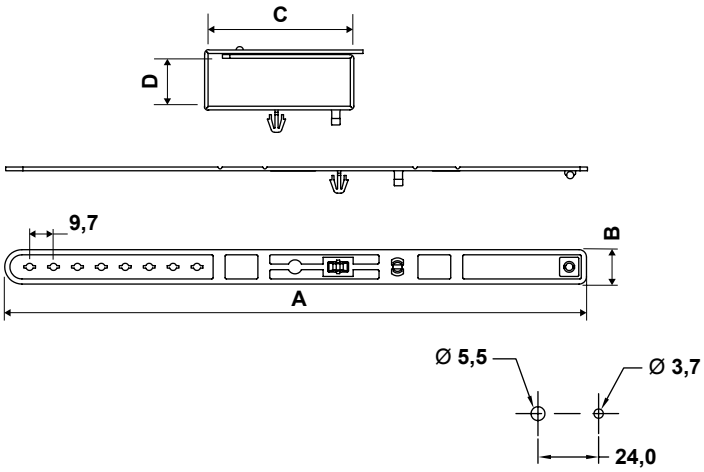
TYPE 2



- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	TYPE	VPE-Stckz. *Moq-Pcs*
12934AA01	157,5	12,5	Ø 22,0	5,1	1,5	Ø 6,2 - 6,4	0,8 - 7,0	2	1.000
12972AA01	159,0	5,3	Ø 16,5	1,4	-	Ø 5,5	0,6 - 4,5	1	1.000
12973AA01	162,0	5,3	Ø 16,5	1,4	-	Ø 6,5	0,6 - 5,0	1	1.000
12974AA01	162,0	5,3	Ø 16,5	1,4	-	Ø 7,0	0,6 - 5,0	1	1.000



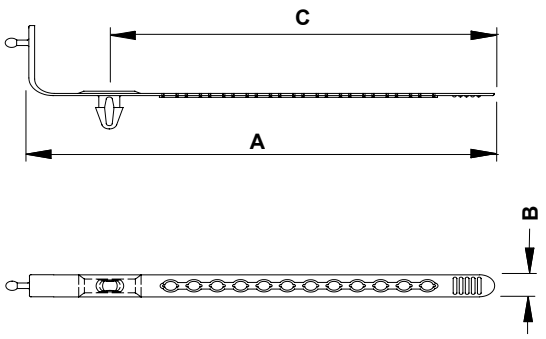


MONTAGEBOHRUNG
MOUNTING HOLE

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10721AA01	236,0	14,0	62,0	14,5	Ø 6,0 - 6,3	0,8 - 3,5	500





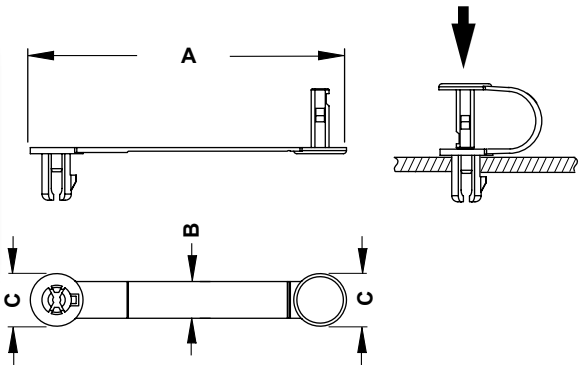
- **Material: LD-PE** / *Material: LD-PE*
- **Temperaturbereich** / Working temperature**: -30°C ~ +70°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / Colour: *Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10722EA01	153,5	10,0	127,0	Ø 7,0	0,8 - 3,5	500

KABELBEFESTIGUNGSBAND
CABLE FASTENER BAND





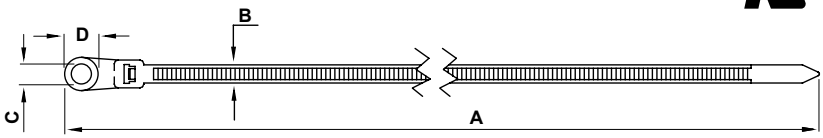


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10717AA01	36,2	4,0	8,0	Ø 4,8	0,8 - 3,5	500
10718AA01	51,6	6,0	8,6	Ø 4,8	0,8 - 3,2	500
10719AA01	71,6	6,0	8,6	Ø 4,8	0,8 - 3,0	500
10720AA01	97,6	6,0	8,6	Ø 4,8	0,8 - 3,0	500

KABELBINDER MIT SCHRAUBÖSE
SCREW MOUNTING CABLE TIES

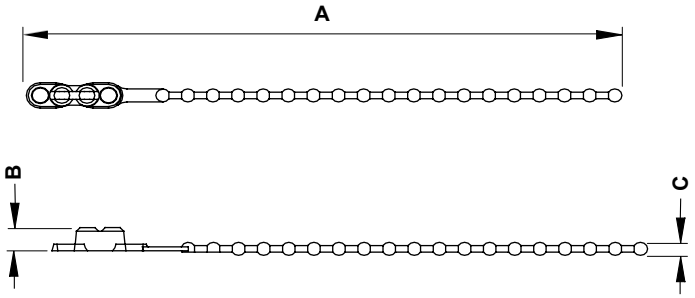




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Max. Bündeldurchmesser *Max. Diameter of the cable*	Mindestlast (Kg) *Min. loop tensile strenght (Kg)*	VPE-Stckz. *Moq-Pcs*
4771AA00	110,0	**2,5**	3,2	6,2	22,0	8,1	1.000
2436AA00	150,0	**3,6**	4,8	8,0	32,0	18,2	1.000
2437AA00	200,0	**4,8**	5,5	9,6	50,0	22,2	1.000
4772AA00	310,0	**4,8**	5,5	9,8	76,0	22,2	1.000
2438AA00	215,0	**7,6**	5,7	11,5	50,0	54,4	100
2439AA00	375,0	**7,6**	6,3	11,5	98,0	54,4	100

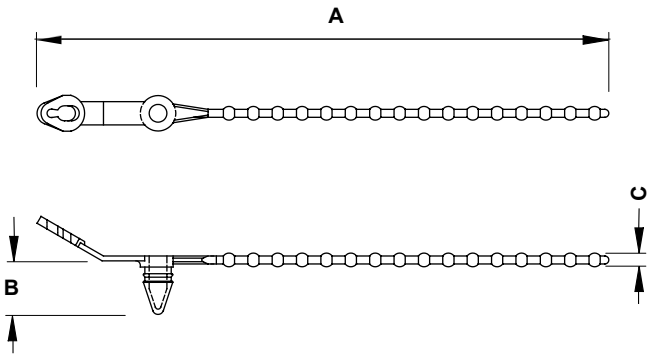




- **Material: LD - PE** / *Material: LD - PE*
- **Temperaturbereich** / Working temperature**: -30°C ~ +70°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Natur** / *Color: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10726EA00	168,0	7,0	4,0		500



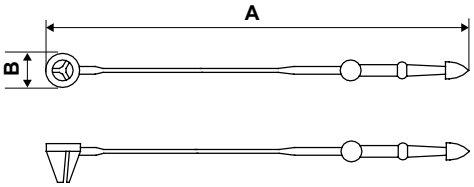


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

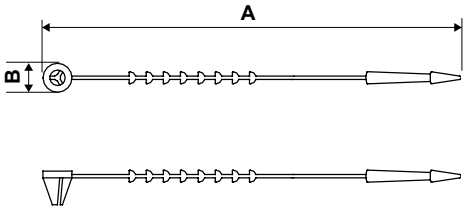
ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10727AA01	129,0	13,2	3,1	Ø 6,4	0,8 - 1,6	500



TYPE 1



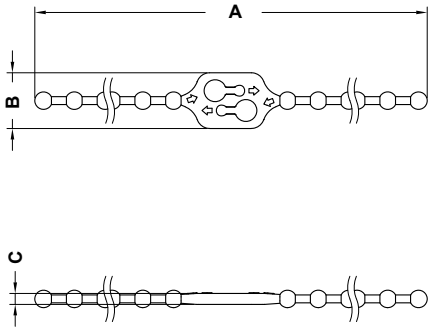
TYPE 2



- **Material: siehe Tabelle /** *Material: see table*
- **Farbe: Natur** */ Colour: Natural*
- **Entflammbarkeit** */ UL Flammability:*
  - **PA6.6: V2 (UL94)**
  - **PP: HB (UL94)**
- **Temperaturbereich /** Working temperature**:**
  - **PA6.6: -35°C ~ +85°C**
  - **PP: -40°C ~ +85°C**
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	MATERIAL	VPE-Stckz. *Moq-Pcs*
10724FA00	1	150,0	4,4	PP	1.000
10723AA00	2	145,0	4,3	PA 6.6	1.000
8499AA00	2	200,0	4,3	PA 6.6	1.000



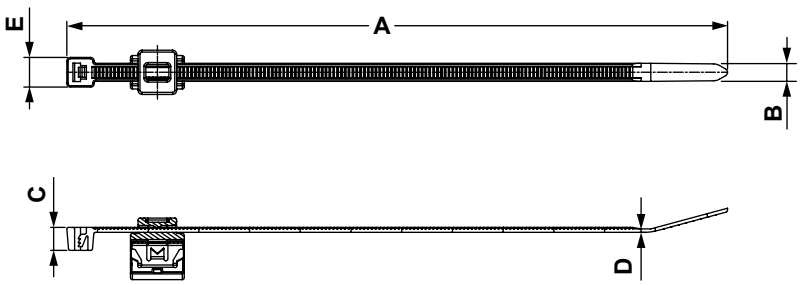


- **Material: PA 6.6** */ Material: PA 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

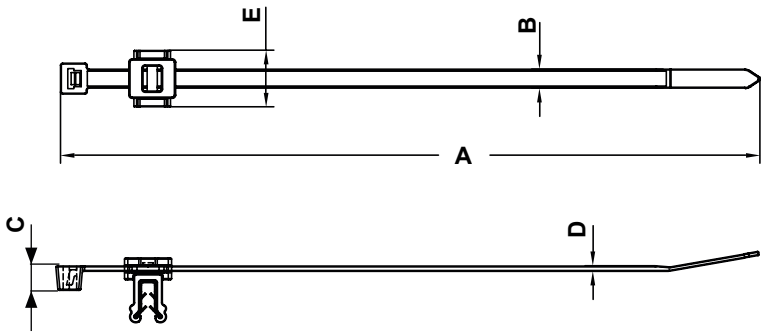
ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq/Pcs*
18204FA01	227,0	**12,7**	2,5	1.000



TYPE 1



TYPE 2

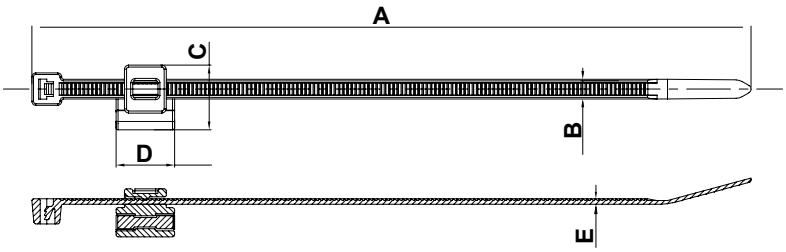


- **Halter: PA 6.6** / *Material: Nylon 6.6*
- **Metallclip: Federstahl verz.**/ *Metalclip: Spring steel zinc plated*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Zugkraft** / *Pull Force:* **150N**
- **Alle Maße sind in mm** / *All dimensions are in mm*

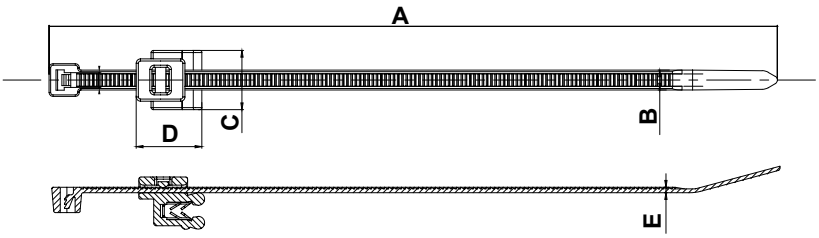
ARTIKEL *P/N*	TYPE	A	B	C	D	E	Stärke *Thickness*	max. Bündeldurchmesser *Max. diameter cable*	VPE-Stckz. *Moq/Pcs*
12970AA01GS	1	172,0	4,7	6,0	1,3	7,7	0,6 - 3,0	Ø 40,0	1.000
12971AA01GS	2	172,0	4,7	6,0	1,3	7,7	0,6 - 3,0	Ø 40,0	1.000



TYPE 1



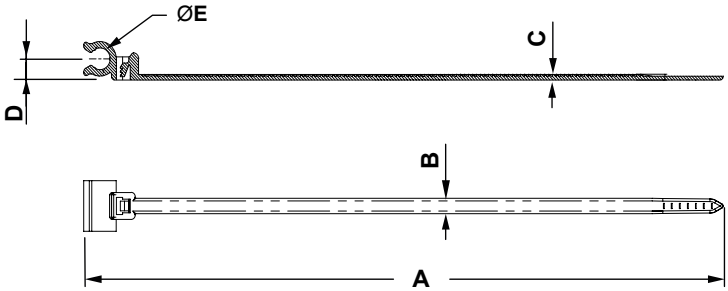
TYPE 2



- **Halter: PA 6.6** */ Material: Nylon 6.6*
- **Metallclip: Federstahl verz.***/ Metalclip:Spring steel zinc plated*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Zugkraft** */ Pull Force:* **150N**
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Stärke *Thickness*	max. Bündeldurchmesser *Max. diameter cable*	VPE-Stckz. *Moq/Pcs*
18401AA01	1	171,9	4,7	15,5	14,0	1,3	0,6 - 3,0	Ø 40,0	1.000
18402AA01	1	150,0	3,6	15,5	14,0	0,9	0,6 - 3,0	Ø 40,0	1.000
18403AA01	2	171,9	4,7	14,0	15,5	1,3	0,6 - 3,0	Ø 40,0	1.000
18404AA01	2	150,0	3,6	14,0	15,5	0,9	0,6 - 3,0	Ø 40,0	1.000

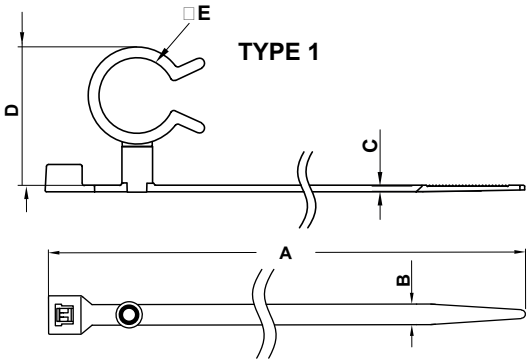




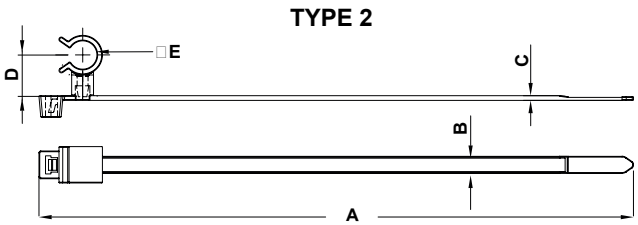
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Max. Rohrdurchmesser *Max. Diameter pipe*	Max. Bündeldurchmesser *Max. bundle diameter*	VPE-Stckz. *Moq-Pcs*
12968AA01	159,7	3,6	1,3	4,1	Ø 4,6 - 5,0	max. Ø 5,0	Ø 30,0	1.000







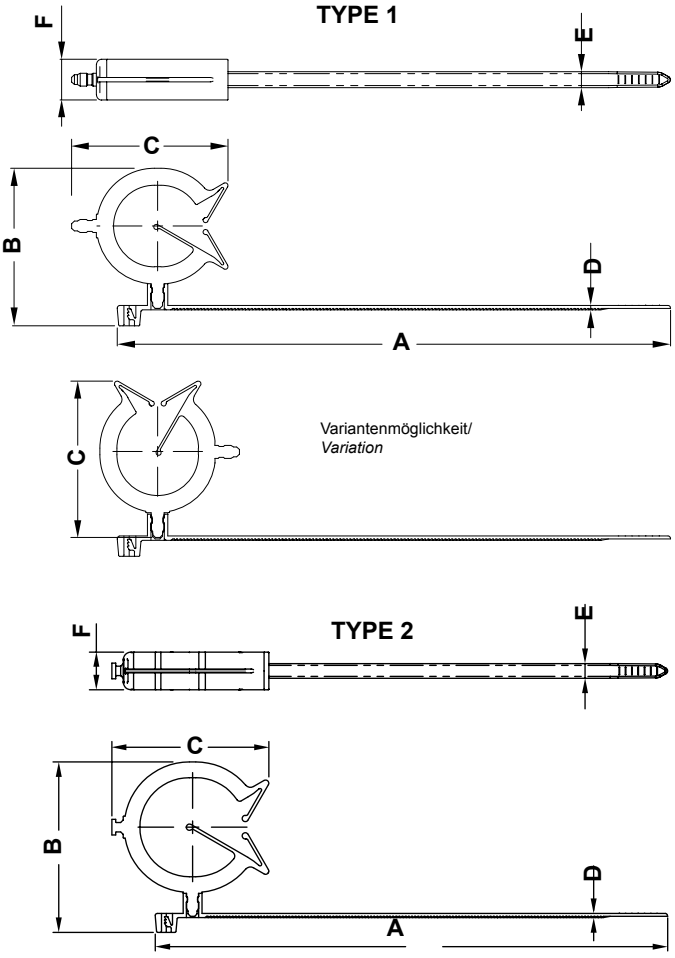


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Max. Bündeldurchmesser *Max. bundle diameter*	VPE-Stckz. *Moq-Pcs*
12876AA01	**1**	144,2	4,6	1,3	26,6	Ø 13,5 - 17,0	Ø 30,0	250
12969AA01	**2**	162,9	4,7	1,3	11,2	Ø 6,5 - 8,0	Ø 35,0	1.000







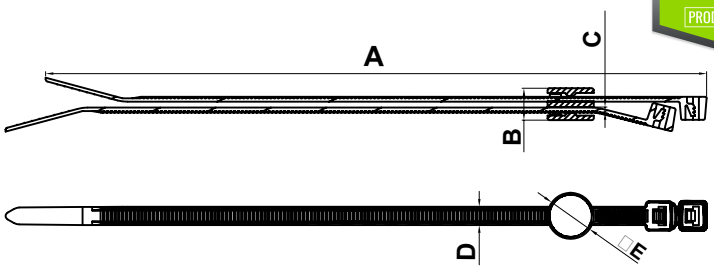
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

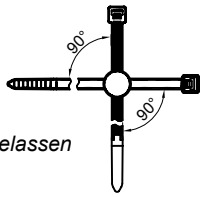
ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Ø Aufnahme *Ø diameter*	Max. Bündel Kabelbinder *Max. Bundle cable tie*	VPE-Stckz. *Moq-Pcs*
12980AA01	1	162,9	38,4	36,8	1,3	4,7	10,0	Ø15,0 - Ø18,0	Ø35,0	1.000
12981AA01	1	162,9	46,4	46,0	1,3	4,7	12,0	Ø19,0 - Ø24,5	Ø35,0	1.000
12979AA01	2	162,9	33,8	29,4	1,3	4,7	10,0	Ø10,0 - Ø14,0	Ø35,0	1.000
12982AA01	2	162,9	54,2	49,9	1,3	4,7	12,0	Ø25,0 - Ø31,0	Ø35,0	1.000
12983AA01	2	162,9	64,9	61,5	1,3	4,7	12,0	Ø31,0 - Ø39,0	Ø35,0	1.000

KLEMME FÜR PARALLELBEFESTIGUNG
CABLE TIES FOR PARALLEL FIXING









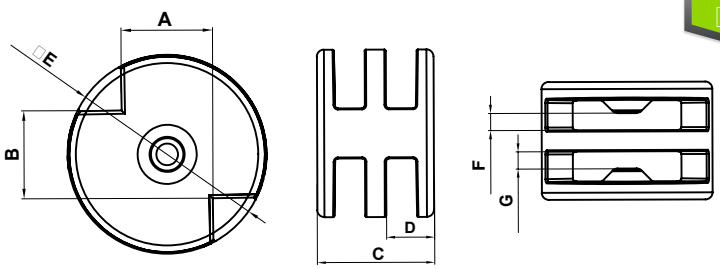
Clip-Position im 90°-Bereich zugelassen

- **Material: PA 6.6** / *Material: PA 6.6*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18652AA01GS	200	8,3	1,0	4,8	Ø12,0		1.000
18653AA01GS	280	8,3	1,0	4,8	Ø12,0		1.000

CLIPS ZUR PARALLELEN BEFESTIGUNG VON KABELBINDERN
CLIPS FOR PARALLEL FIXING CABLE TIES

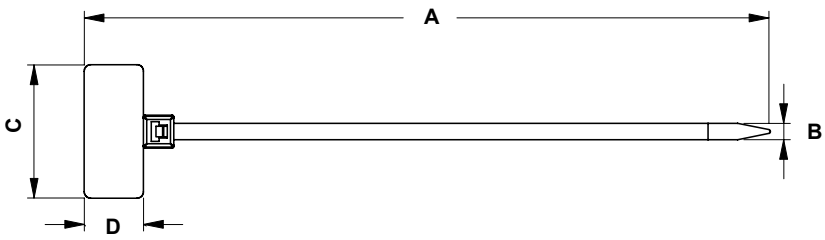




- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18651AA01	5,4	5,4	8,3	3,4	Ø12,0	1,2	1,2		1.000

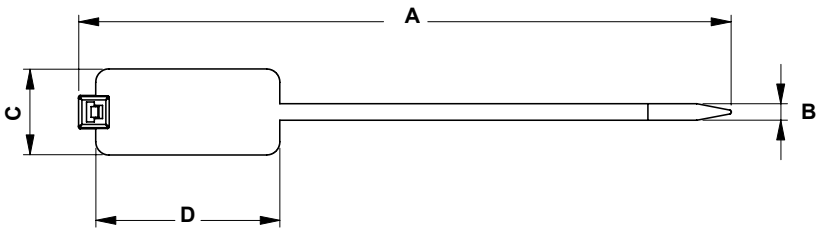




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Max. Bündeldurchmesser *Max. diameter of the cable*	Mindestlast (Kg) *Min. loop tensile strenght (Kg)*	VPE-Stckz. *Moq-Pcs*
2435AA00	110,0	2,5	20,4	9,0	18,0	8,1	1.000





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Max. Bündeldurchmesser *Max. diameter of the cable*	Mindestlast (Kg) *Min. loop tensile strenght (Kg)*	VPE-Stckz. *Moq-Pcs*
2506AA00	190,0	4,8	13,0	28,5	48,0	22,2	1.000
2507AA00	270,0	4,8	13,0	28,5	68,0	22,2	1.000

ANMERKUNGEN - Notes

fastpoint

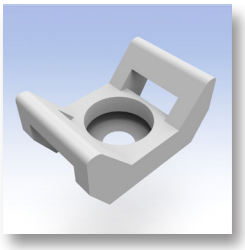
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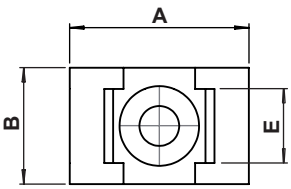


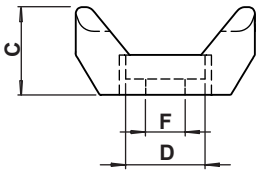
fastpoint

Kabelbindersockel | *Cable ties mounts*

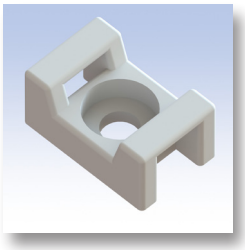
TYPE 1

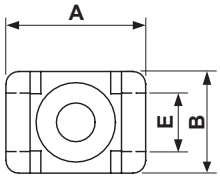


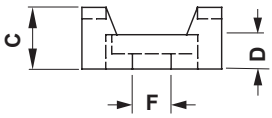




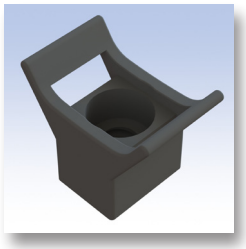
TYPE 2

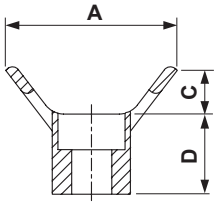


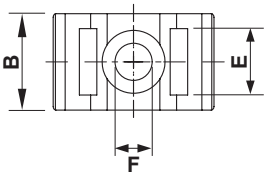




TYPE 3



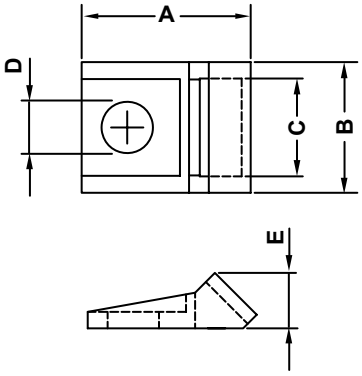




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Produkt 3978 auf Anfrage auch in UL94 V0 Natur oder Schwarz lieferbar / zusätzlich auf Anfrage auch in Nylon 4.6 mit einem Temperaturbereich bis 150°C herstellbar** */Product 3978 also available in UL94 V0 Natural or Black on request / also available in nylon 4.6 on request can be manufactured with a temperature range up to 150°C*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
2513AA00	1	22,3	14,4	11,0	9,8	9,0	4,9	**Natur** / *Natural*	1.000
16479AA00	2	22,0	15,5	9,8	5,2	8,2	5,2	**Natur** / *Natural*	1.000
3978AA00	2	14,9	9,6	3,7	3,5	5,0	3,7	**Natur** / *Natural*	1.000
4780AA00	2	15,0	9,5	3,7	3,5	5,6	4,5	**Natur** / *Natural*	1.000
4781AA00	2	22,0	16,0	9,6	5,4	9,0	4,5	**Natur** / *Natural*	1.000
6137AA00	2	22,0	16,0	9,6	5,4	9,2	6,4	**Natur** / *Natural*	1.000
1298AA01	3	23,0	13,5	6,5	11,0	9,5	5,0	**Nur Schwarz verfügbar**/ only in *Black*	1.000

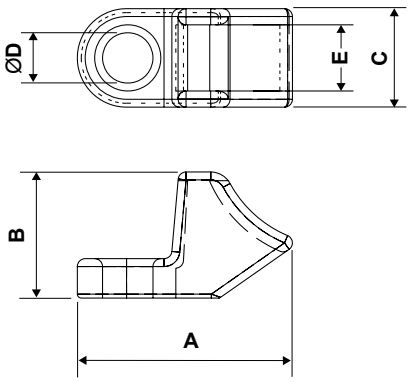




- **Material: PA 6.6** */ Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11340AA01	17,4	13,4	10,1	Ø 5,3	5,7		500
11341AA01	27,4	21,4	16,6	Ø 8,4	10,3		500





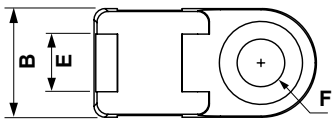
- **Material: PA 6.6** */ Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

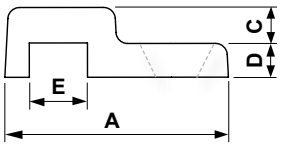
ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10546AA00	27,3	16,0	12,5	Ø 6,4	8,4		1.000

KABELBINDERSOCKEL
CABLE TIE MOUNT

TYPE 1

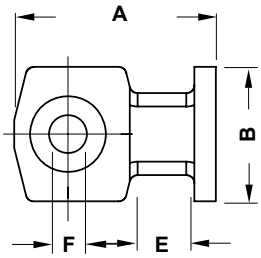


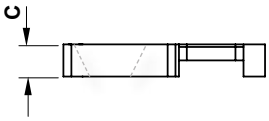




TYPE 2







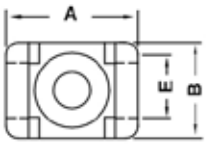
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

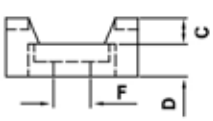
ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
0462AA00	1	19,0	10,0	3,0	3,0	5,1	4,0		1.000
4792AA00	2	10,2	8,1	2,5	-	2,8	3,5		1.000
4793AA00	2	18,9	12,7	3,0	-	5,0	4,4		1.000

HALTERUNG FÜR DETEKTIERBARE SATTELKLEMMEN
SUPPORT FOR DETECTABLE SADDLE CLAMPS

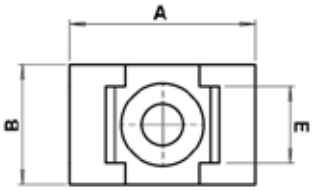


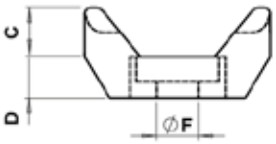
TYPE 1





TYPE 2





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +85°C**
- **Farbe: Blau** / *Colour: Blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

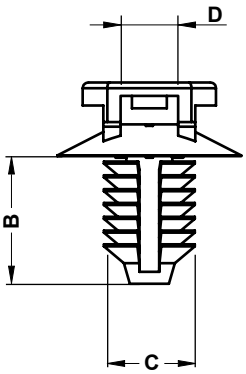
Entspricht der europäischen HACCP-Verordnung / *Compliant with European HACCP regulation*

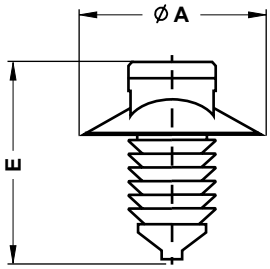
Erkennbar durch Röntgengeräte und Metalldetektoren / *Detectable by X-ray equipment and by metal detector*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
3978AD08	1	15,0	9,5	3,7	3,5	5,0	3,7		1.000
2513AD08	2	22,0	16,0	5,2	4,8	9,0	5,0		1.000





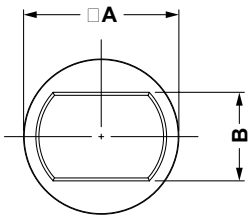


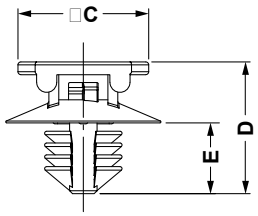


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq/Pcs*
13167AA01	Ø 15,8	11,1	7,9	5,0	17,5	Ø 6,4 - 7,1	0,8 - 6,0	1.000





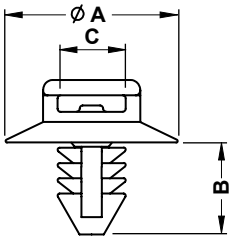


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

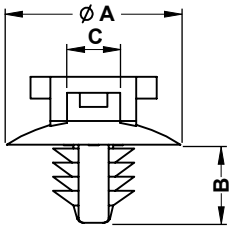
ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq/Pcs*
13550AA01	Ø 15,8	9,0	Ø13,3	13,4	7,2	Ø 6,5 - 7,0	0,8 - 3,0	1.000



TYPE 1



TYPE 2

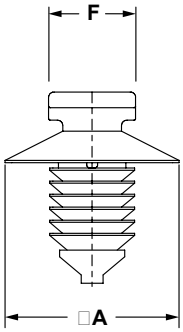


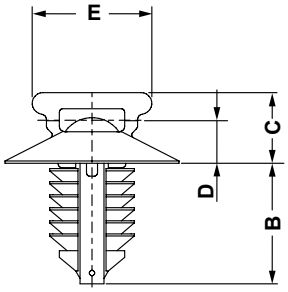
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Type	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
10543AA01	1	18,0	9,0	5,0	Ø 6,0 - 6,2	0,8 - 9,0	**Schwarz** / *Black*	1.000
10542AA11	2	16,1	6,6	5,0	Ø 4,5 - 5,0	0,8 - 7,0	**Grau** / *Gray*	1.000









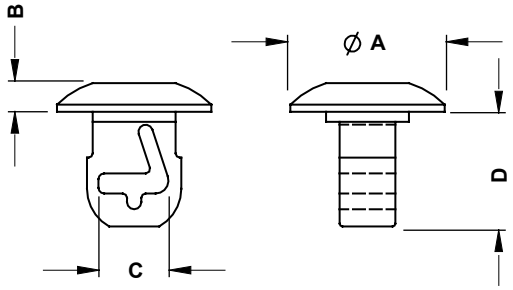
MAX. KABELBINDERBREITE 4,8mm
MAX. TIE WIDTH 4,8mm

- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq/Pcs*
11339AA01	Ø 16,0	11,1	6,5	3,9	11,0	8,5	Ø 6,3 - 7,0	0,7 - 6,0	1.000





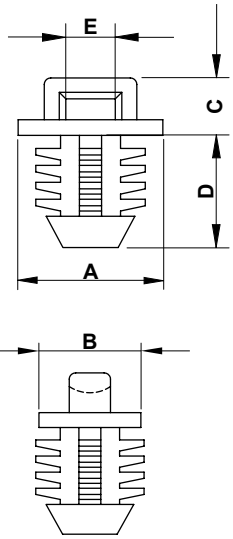


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
6044AA00	Ø 10,8	2,0	5,0	8,0	Ø 6,4	3,2	1.000

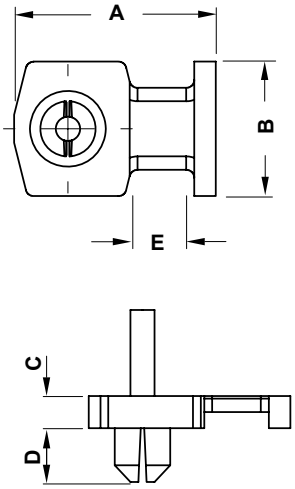
TYPE 1





TYPE 2





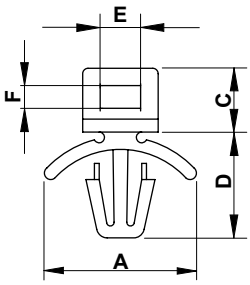
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

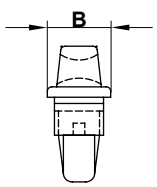
ARTIKEL *P/N*	TYPE	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
6143AA00	1	11,1	8,3	4,4	8,6	3,8	Ø 7,9	min. 6,4	1.000
4789AA00	2	18,9	12,7	3,0	5,1	5,0	Ø 3,6	0,8 - 3,0	1.000
4790AA00	2	18,9	12,7	3,0	5,1	5,0	Ø 4,3	0,8 - 3,0	1.000
4791AA00	2	18,9	12,7	3,0	5,1	5,0	Ø 5,0	0,8 - 3,0	1.000

KABELBINDERSOCKEL
CABLE TIE MOUNTS

TYPE 1

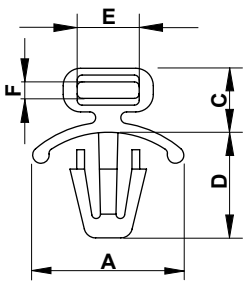


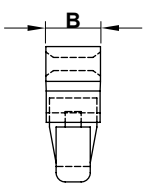




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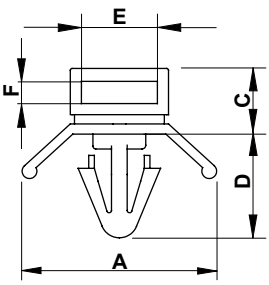


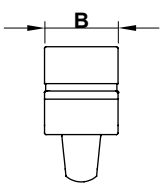




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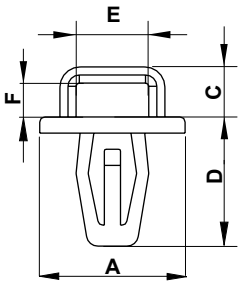


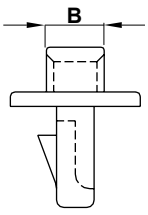




TYPE 4





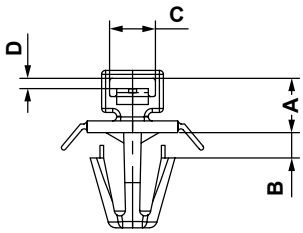


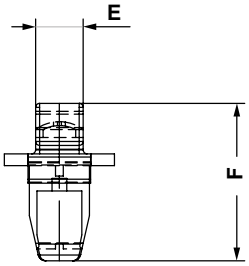
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

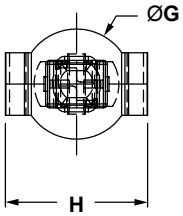
ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
6144AA00	1	14,2	7,1	7,7	8,0	3,8	2,1	Ø 4,8	0,8 - 2,0	1.000
6134AA00	2	15,6	7,2	6,8	10,7	6,4	1,7	Ø 6,4	1,2 - 2,8	1.000
2512AA00	3	21,0	10,0	7,1	11,2	8,2	2,4	Ø 6,2	0,8 - 3,2	1.000
10547AA00	4	Ø9,0	4,0	3,1	7,0	4,5	2,1	Ø 4,0 - 4,2	1,5 - 2,0	1.000











MAX. KABELBINDERBREITE 4,8mm
MAX. TIE WIDTH 4,8

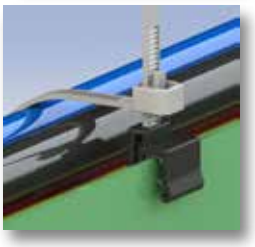
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V2 lieferbar** / *on special request in Material PA 6.6 UL94V2 available*

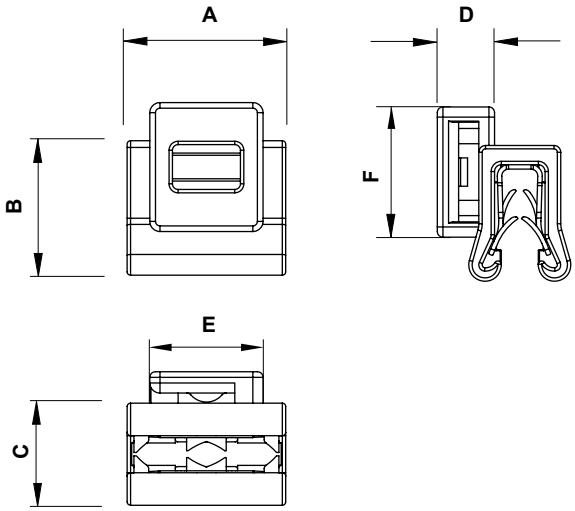
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
12946AR00	6,9	3,2	5,8	1,3	6,0	19,9	Ø14,0	18,0	Ø 8,0	0,8 - 2,8	1.000

KANTENMONTAGESOCKEL
EDGE CLIP









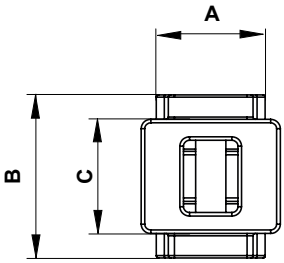
- **Material Halter / Holder: PA 6.6** */ Material: Nylon 6.6*
- **Material Kralle / Fix:** nichtrostender Federstahl */ stainless spring steel*
- **Temperaturbereich /** Working temperature**: - 35°C ~ + 85°C**
- **Entflammbarkeit /** *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm.** */ All dimensions are in mm.*

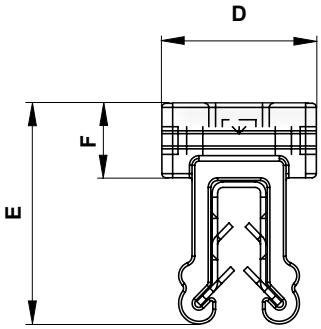
ARTIKEL P/N	A	B	C	D	E	F	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
10961AA01GS	14,0	12,0	9,1	5,1	10,0	11,5	1,5 - 2,0	1.000
18641AA01GS	14,0	12,0	7,0	5,2	10,0	11,5	0,6 - 2,6	1.000

KANTENMONTAGESOCKEL
EDGE CLIP





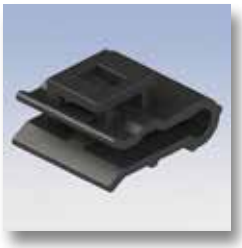




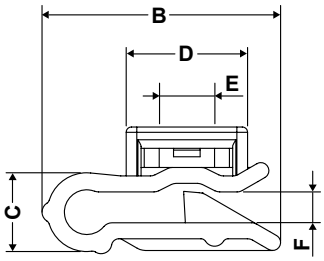
- **Material Halter / Holder: PA 6.6** */ Material: Nylon 6.6*
- **Material Kralle / Fix:** nichtrostender Federstahl */ stainless spring steel*
- **Temperaturbereich /** Working temperature**: - 35°C ~ + 85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm.** */ All dimensions are in mm.*

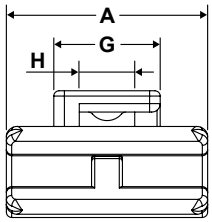
ARTIKEL P/N	A	B	C	D	E	F	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
17935AA01GS	11,5	14,0	10,0	11,5	16,0	5,2	0,6 - 3,0	1.000

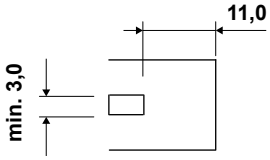
KABELBINDERHALTER FÜR KANTENMONTAGE
CABLE TIE HOLDER FOR EDGE MOUNTING



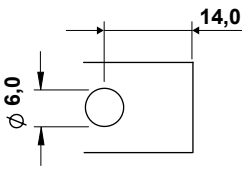








Befestigungsoption 1
Mounting option 1

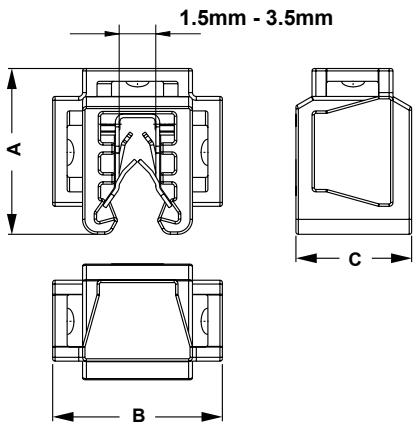


Befestigungsoption 2
Mounting option 2

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL P/N	A	B	C	D	E	F	G	H	Materialstärke Panel Thickness	VPE-Stckz. *Moq-Pcs*
10960AA01	18,9	22,4	7,4	11,4	5,60	2,9	10,0	5,20	max. 3,0	500







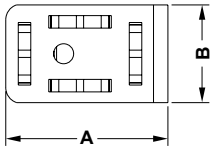
- **Material Körper** / Body *material: PA66*
- **Material Clip** / Clip *material: C67S*
- **Temperaturbereich** / *Working temperature:* **max. +85°C**
- **Farbe:Schwarz** / Body *Colour: Black*
- **Farbe: Silber** / Clip *colour: Silver*
- **Alle Maße sind in mm** / *All dimensions are in mm*

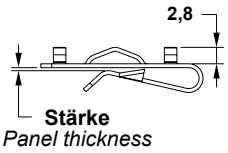
ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18406AA01GS	15,5	14,4	12,3		3.000



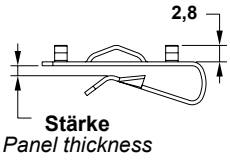


TYPE 1





TYPE 2

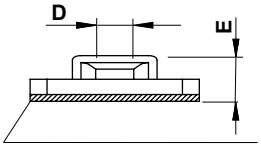


- **Materiale: Edelstahl** / *Material: Stainless steel*
- **Alle Maße sind in mm** / *All dimensions are in mm*

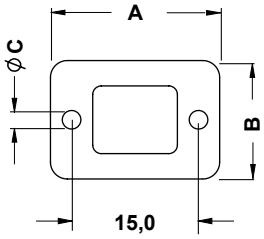
ARTIKEL *P/N*	Type	A x B	Kabelbinderbreite *Cable tie width*	Stärke *Thickness*	Einführungspunkte *Insert points*	VPE-Stckz. *Moq-Pcs*
15573MD90	1	26,7 x 16,0	Max. 8,0	1,5 - 3,0	4	100
15575MD90	1	26,7 x 16,0	Max. 8,0	1,5 - 3,0	4	4.000
15574MD90	2	26,9 x 16,0	Max. 8,0	3,0 - 6,4	4	100
15576MD90	2	26,9 x 16,0	Max. 8,0	3,0 - 6,4	4	4.000

TYPE 1



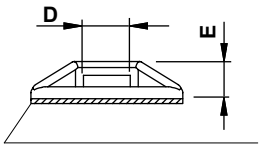


3M double Adhesive tape/ thickness 0.9mm

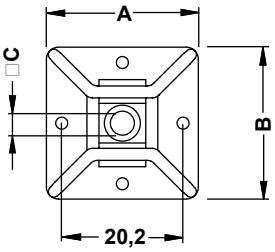


TYPE 2



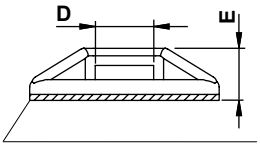


Rubber double Adhesive/ Thickness 0.8mm/ Release tape 3.0mm

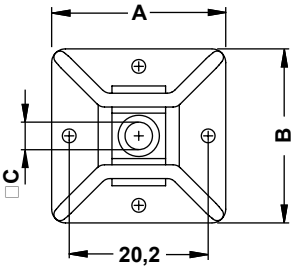


TYPE 3



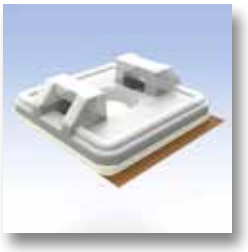


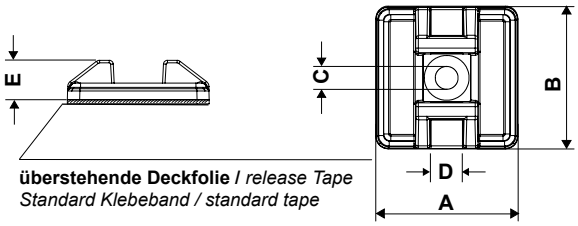
3M double Adhesive tape/ thickness 0.9mm



- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10548AA00AS	1	20,0	14,0	Ø 2,2	4,5	4,6	**2x Wege** / *2x Ways*	1.000
8334AA00AS	2	25,3	25,3	4,3	4,4	7,0	**2x Wege** / *2x Ways*	1.000
8335AA00AS	2	25,3	25,3	4,3	8,6	7,0	**2x Wege** / *2x Ways*	1.000
10554AA00AS	3	25,3	25,3	Ø 4,0	5,2	6,2	**2x Wege** / *2x Ways*	1.000





- **Material: ABS** / *Material: ABS*
- **Farbe: Natur** / *Colour Natural*
- **Klebeband: siehe Tabelle** / *Adhesive: see table*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**

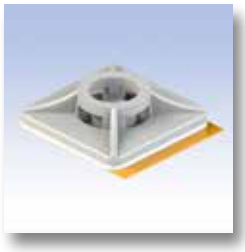
- **Temperaturbereich** / *Working temperature:*
  - ABS: -30°C ~ +90°C
  - Standard Klebeband / *standard adhesive:* **-25°C ~ +70°C**
  - Acryl-Klebeband / *Acrylic adhesive:* **-30°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

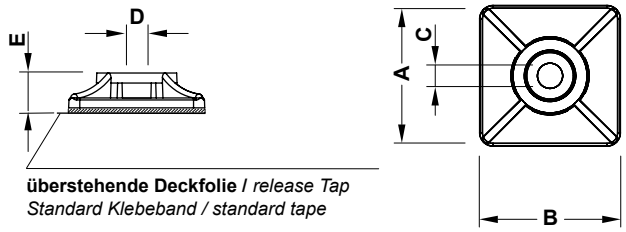
Für Farbe Schwarz bitte Farbcode HA01 verwenden / *For colour Black please use colour code HA01*

ARTIKEL *P/N*	A	B	C	D	E	**Klebeband** *Tape*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
8029HA00AS	19,0	19,0	4,3	4,0	6,0	**Standard Tape**	**2x Wege** / *2x Ways*	1.000
8030HA00AS	27,0	27,0	4,3	6,0	8,4	**Standard Tape**	**2x Wege** / *2x Ways*	1.000
8029HA00CS	19,0	19,0	4,3	5,0	6,0	**Acrylic Tape**	**2x Wege** / *2x Ways*	1.000
8030HA00CS	27,0	27,0	4,1	6,0	8,4	**Acrylic Tape**	**2x Wege** / *2x Ways*	1.000

KABELBINDERSOCKEL SELBSTKLEBEND
CABLE TIE MOUNT SELF ADHESIVE

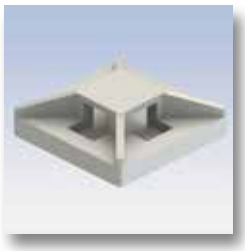
TYPE 1

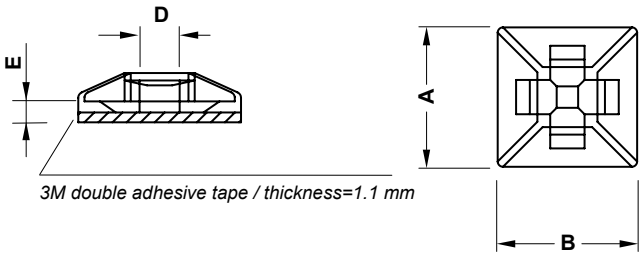




überstehende Deckfolie / *release Tap*
Standard Klebeband / standard tape

TYPE 2





3M double adhesive tape / thickness=1.1 mm

- **Material: ABS** / *Material: ABS*
- **Farbe: Natur** / *Colour Natural*
- **Klebeband: siehe Tabelle** / *Adhesive: see Table*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**

- **Temperaturbereich** / *Working temperature:*
  - ABS: -30°C ~ +90°C
  - Standard Klebeband / *standard adhesive:* **-25°C ~ +70°C**
  - Acryl-Klebeband / *Acrylic adhesive:* **-30°C ~ +100°C**
  -3M Klebeband / *3M adhesive:* **-20°C ~ -80°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

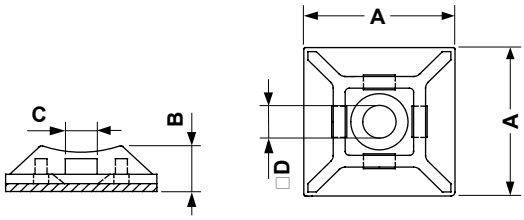
Für Farbe Schwarz bitte Farbcode AA01 verwenden / *For colour Black please use colour code AA01*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Klebeband *Tape*	Anmerkungen *Notes*	Material *Material*	VPE-Stckz. *Moq-Pcs*
1104AA00AS	1	19,0	19,0	4,1	5,0	6,0	**Standard**		ABS	1.000
1105AA00AS	1	26,5	26,5	4,8	6,4	8,0	**Standard**		ABS	1.000
1104AA00CS	1	19,0	19,0	4,1	5,0	6,0	**Acrylic**		ABS	1.000
1105AA00CS	1	26,5	26,5	4,8	6,4	8,0	**Acrylic**		ABS	1.000
10549AA00AS	2	13,0	13,0	-	3,2	3,2	**3M**		PA 6.6	1.000
10550AA00AS	2	16,0	16,0	-	3,8	4,0	**3M**		PA 6.6	1.000
10551AA00AS	2	19,1	19,1	-	4,0	4,0	**3M**		PA 6.6	1.000
10553AA00AS	2	20,0	20,0	-	4,8	4,2	**3M**		PA 6.6	1.000

KABELBINDERSOCKEL SELBSTKLEBEND
CABLE TIE MOUNT SELF ADHESIVE

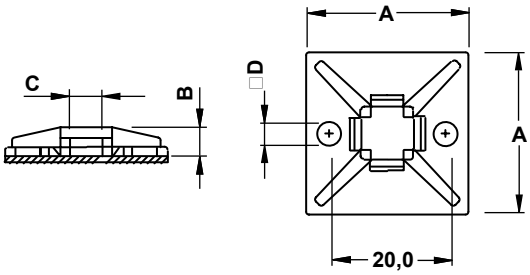
TYPE 1





TYPE 2

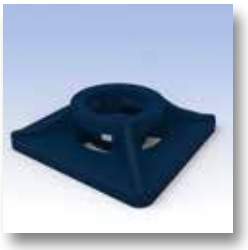


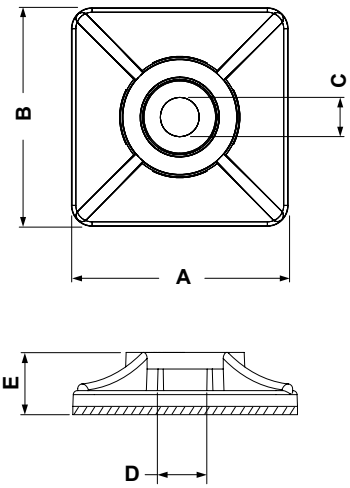


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Farbe: Natur** / *Colour: Natural*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**

- **Temperaturbereich** / Working temperature**:**
  - 3M Klebeband / *3M Adhesive*: **-20°C ~ -80°C**
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
8298AA00AS	1	19,0 x 19,0	5,8	4,5	Ø 4,0	**4x Wege** / *4x Ways*	500
6136AA00AS	1	27,8 x 27,8	6,4	6,0	Ø 5,5	**4x Wege** / *4x Ways*	250
10555AA00AS	2	28,0x28,0	5,2	5,6	Ø 4,2	**4x Wege** / *4x Ways*	1.000





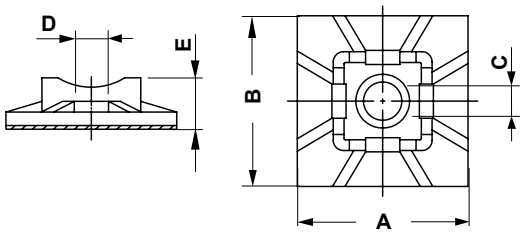
- **Material: PA 66 mit Metallpigmenten** / *Material: PA 66 with metallic pigments*
- **Farbe: Blau** / *Colour: Blue*
- **Kleber: Standard oder Acryl** / *Adhesive: standard or acrylic*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / *Working temperature:*
  - PA: -40°C ~ +85°C
  - Standard-Klebstoff / standard adhesive: -25°C ~ +70°C
  - Acrylat-Klebstoff / Acrylic adhesive: -30°C ~ +100°C
- **Alle Maße sind in mm** / *All dimensions are in mm*

Entspricht der europäischen HACCP-Verordnung / *Compliant with European HACCP regulation*

Erkennbar durch Röntgengeräte und Metalldetektoren / *Detectable by X-ray equipment and by metal detector*

ARTIKEL *P/N*	A	B	C	D	E	**Klebeband** *Adhesive*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
1104AD08AS	19,0	19,0	4,1	5,0	6,0	**Standard** / *Standard*		1.000
1104AD08CS	19,0	19,0	4,1	5,0	6,0	**Acrylic** / *Acrylic*		1.000
1105AD08AS	26,6	26,6	4,8	6,4	8,0	**Standard** / *Standard*		1.000
1105AD08CS	26,6	26,6	4,8	6,4	8,0	**Acrylic** / *Acrylic*		1.000



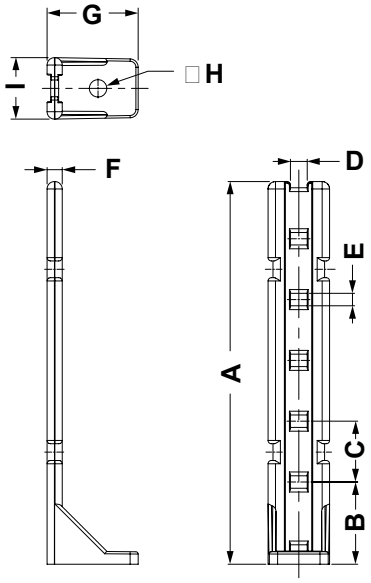


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
12554AA00AS	25,4	25,4	Ø 5,7	5,1	7,1	500







- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
12977AA00	117,5	25,0	18,5	5,1	3,8	4,6	27,7	5,3	18,7	100
12978AA00	117,5	25,0	18,5	5,1	3,8	4,6	27,7	6,4	18,7	100

ANMERKUNGEN - Notes

fastpoint

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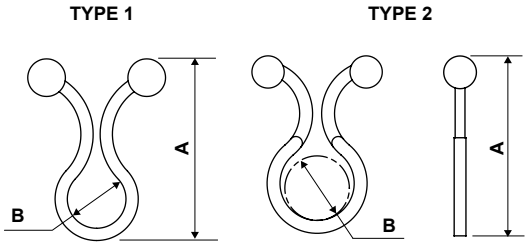


fastpoint

Kabeldriller | *Twist lock*







- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** *Working temperature:* **-35°C ~ +85°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm/** *All dimensions are in mm*

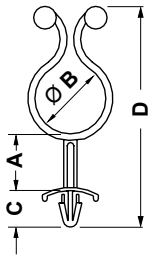
ARTIKEL *P/N*	TYPE	A	B	Farbe *Colour*	Auf Anfrage *on special request*	VPE-Stckz. *Moq-Pcs*
4744AA00	1	19,7	**4,8**	**Natur** / *Natural*	**Schwarz** / *Black*	5.000
0045AA00	1	21,0	**5,2**	**Natur** / *Natural*	**Schwarz** / *Black*	5.000
0046AA00	1	26,5	**8,9**	**Natur** / *Natural*	**Schwarz** / *Black*	5.000
0047AA00	1	30,2	**11,6**	**Natur** / *Natural*	**Schwarz** / *Black*	2.500
0049AA01	1	35,1	**15,0**	**Schwarz** / *Black*	-	1.000
0048AA00	1	39,9	**18,8**	**Natur** / *Natural*	**Schwarz** / *Black*	1.000
6174AA00	1	55,5	**29,0**	**Natur** / *Natural*	**-**	500
8340AA02 WTE	1	20,0	**4,0 - 6,5**	**Weiß oder Schwarz** / *White or Black*		5.000
8341AA02 WTE	1	25,0	**7,0 - 9,5**	**Weiß oder Schwarz** / *White or Black*		5.000
8342AA02 WTE	1	30,0	**10,0 - 12,5**	**Weiß oder Schwarz** / *White or Black*		2.500
8343AA02 WTE	1	35,0	**13,5 - 16,0**	**Weiß oder Schwarz** / *White or Black*		2.500
8344AA02 WTE	1	40,0	**17,0 - 20,0**	**Weiß oder Schwarz** / *White or Black*		2.500
8345AA02 WTE	1	40,0	**22,0 - 25,0**	**Weiß oder Schwarz** / *White or Black*		2.500
8346AA02 WTE	1	46,0	**25,0 - 28,0**	**Weiß oder Schwarz** / *White or Black*		1.000
8347AA02 WTE	1	56,0	**33,0 - 36,0**	**Weiß oder Schwarz** / *White or Black*		1.000
6526AA00	2	17,8	**5,1**	**Natur** / *Natural*	-	1.000
6532AA00	2	16,5	**5,6**	**Natur** / *Natural*	-	1.000
6527AA00	2	23,8	**8,3**	**Natur** / *Natural*	-	1.000
6533AA00	2	30,0	**11,0**	**Natur** / *Natural*	-	1.000
6528AA00	2	27,5	**11,5**	**Natur** / *Natural*	-	1.000
6534AA00	2	32,5	**13,2**	**Natur** / *Natural*	-	1.000
6529AA00	2	30,4	**15,4**	**Natur** / *Natural*	-	1.000
6530AA00	2	35,0	**18,8**	**Natur** / *Natural*	-	1.000
6531AA00	2	42,0	**22,0**	**Natur** / *Natural*	-	1.000
6173AA00	2	41,4	**25,8**	**Natur** / *Natural*	-	500

Um das Produkt in Schwarz zu bestellen, ersetzen Sie "AA00" durch "AA01" / *To order the product in Black replace "AA00" with "AA01"*

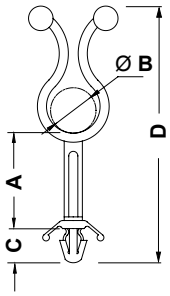
KABELDRILLER MIT STECKFUSS
PUSH MOUNT TWIST LOCKS



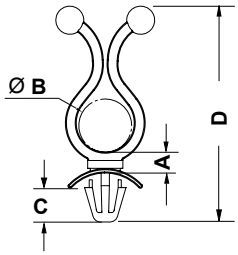
TYPE 1



TYPE 2



TYPE 3

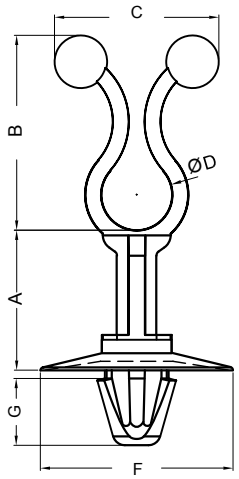


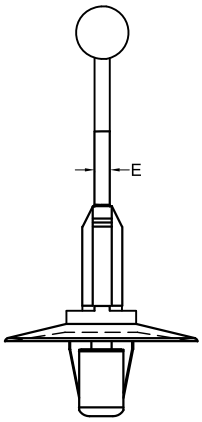
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **B = Geschlossen** / *closed*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
6274AA00	1	4,2	**5,4**	8,0	32,5	Ø 4,8	0,8 - 2,0	1.000
6540AA00	1	3,1	**7,1**	10,6	33,8	Ø 4,8 - 5,0	0,8 - 3,2	1.000
6541AA00	1	20,0	**7,1**	10,6	51,0	Ø 4,8 - 5,0	0,8 - 3,2	500
6542AA00	1	35,3	**7,1**	10,6	66,0	Ø 4,8 - 5,0	0,8 - 3,2	500
6551AA00	1	10,5	**6,8**	10,6	43,8	Ø 4,8 - 5,0	1,0 - 3,2	500
6552AA00	1	5,6	**7,0**	10,0	34,7	Ø 4,8 - 5,0	1,0 - 3,2	1.000
6549AA00	1	15,3	**9,7**	10,8	53,1	Ø 4,8 - 5,0	0,8 - 3,2	500
6543AA00	1	3,0	**10,8**	10,6	39,6	Ø 4,8 - 5,0	0,8 - 3,2	1.000
6544AA00	1	20,0	**10,8**	10,6	56,8	Ø 4,8 - 5,0	0,8 - 3,2	500
6545AA00	1	35,2	**10,8**	10,6	71,5	Ø 4,8 - 5,0	0,8 - 3,2	500
6546AA00	1	3,0	**15,0**	10,6	42,0	Ø 4,8 - 5,0	0,8 - 3,2	1.000
6114AA00	1	20,4	**15,0**	10,6	59,3	Ø 4,8 - 5,0	0,8 - 3,2	1.000
6115AA00	1	35,8	**15,0**	10,6	74,7	Ø 4,8 - 5,0	0,8 - 3,2	1.000
6547AA00	1	16,2	**18,4**	10,6	63,5	Ø 4,8 - 5,0	0,8 - 3,2	500
6550AA00	1	5,0	**18,7**	10,6	55,3	Ø 4,8 - 5,0	1,0 - 3,2	500
6548AA00	1	3,0	**22,3**	9,8	56,8	Ø 4,8 - 5,0	1,0 - 3,2	500
0052AA00	1	12,3	**12,5**	10,5	53,7	Ø 6,5	0,5 - 2,0	1.000
6538AA00	2	3,0	**7,2**	5,5	26,7	Ø 4,0	0,8 - 2,2	1.000
6536AA00	2	34,0	**5,0**	7,5	59,8	Ø 4,8	0,8 - 2,2	500
6539AA00	2	43,5	**10,1**	7,9	78,1	Ø 4,8	0,8 - 2,2	250
6537AA00	2	4,5	**10,4**	7,5	37,7	Ø 4,8	0,8 - 2,2	1.000
6535AA00	2	21,0	**10,4**	7,5	56,5	Ø 4,8	0,8 - 2,2	500
18933AA00	3	4,0	**5,1-7,6**	5,6	31,5	Ø 4,0	0,8 - 2,0	1.000
8287AA00	3	4,0	**10,2-12,7**	6,6	42,0	Ø 6	0,8 - 2,0	1.000

KABELDRILLER MIT STECKFUSS
PUSH MOUNT TWIST LOCKS



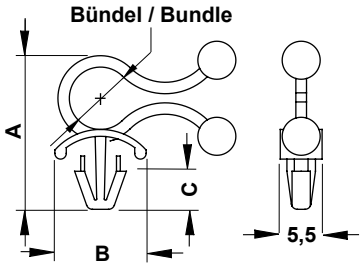




- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **B= geschlossener Durchmesser** / *B= closed diameter*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
18208AA0004.0	4,0	19,1	16,0	5,1-7,6	1,5	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18208AA0004.8	4,8	19,1	16,0	5,1-7,6	1,5	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18208AA0006.0	6,0	19,1	16,0	5,1-7,6	1,5	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18208AA0008.0	8,3	19,1	16,0	5,1-7,6	1,5	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18208AA0010.0	10,0	19,1	16,0	5,1-7,6	1,5	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18208AA0012.0	12,0	19,1	16,0	5,1-7,6	1,5	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18208AA0012.7	12,7	19,1	16,0	5,1-7,6	1,5	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18208AA0019.1	19,1	19,1	16,0	5,1-7,6	1,5	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18208AA0025.4	25,4	19,1	16,0	5,1-7,6	1,5	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18208AA0031.8	31,8	19,1	16,0	5,1-7,6	1,5	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18209AA0004.0	4,0	36,8	23,5	17,8-20,3	1,8	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18209AA0004.8	4,8	36,8	23,5	17,8-20,3	1,8	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18209AA0006.0	6,0	36,8	23,5	17,8-20,3	1,8	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18209AA0008.0	8,0	36,8	23,5	17,8-20,3	1,8	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18209AA0010.0	10,0	36,8	23,5	17,8-20,3	1,8	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18209AA0012.0	12,0	36,8	23,5	17,8-20,3	1,8	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18209AA0012.7	12,7	36,8	23,5	17,8-20,3	1,8	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18209AA0019.1	19,1	36,8	23,5	17,8-20,3	1,8	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18209AA0025.4	25,4	36,8	23,5	17,8-20,3	1,8	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000
18209AA0031.8	31,8	36,8	23,5	17,8-20,3	1,8	Ø19,0	6,6	Ø 6,5	0,8 - 1,6	1.000



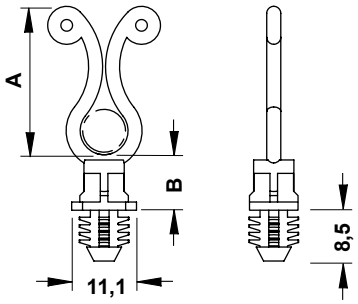


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur /** Colour: Natural
- **Alle Maße sind in mm/** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**Bündel** *Bundle*	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
10708AA00	20,2	12,0	5,0	Ø 6,7	Ø 4,0	1,6 - 4,0	1.000
10709AA00	16,9	12,0	3,5	Ø 6,7	Ø 3,0	0,8 - 2,0	1.000

KABELDRILLER STECKBAR
CABLE TWIST LOOK PUSH MOUNT



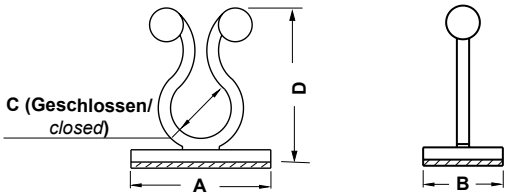


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Natur /** *Colour: Natural*
- **Alle Maße sind in mm/** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**Bündelbereich** *Bundel range*	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
10696AA00	25,4	6,4	7,6 - 10,2	Ø 7,9	6,4	500
10697AA00	25,4	9,5	7,6 - 10,2	Ø 7,9	6,4	500
10698AA00	25,4	12,7	7,6 - 10,2	Ø 7,9	6,4	500
10699AA00	25,4	15,9	7,6 - 10,2	Ø 7,9	6,4	500
10700AA00	28,6	6,4	10,2 - 12,7	Ø 7,9	6,4	500
10701AA00	28,6	9,5	10,2 - 12,7	Ø 7,9	6,4	500
10702AA00	28,6	12,7	10,2 - 12,7	Ø 7,9	6,4	500
10703AA00	28,6	15,9	10,2 - 12,7	Ø 7,9	6,4	500
10704AA00	38,1	6,4	17,8 - 20,3	Ø 7,9	6,4	500
10705AA00	38,1	9,5	17,8 - 20,3	Ø 7,9	6,4	500
10706AA00	38,1	12,7	17,8 - 20,3	Ø 7,9	6,4	500
10707AA00	38,1	15,9	17,8 - 20,3	Ø 7,9	6,4	500

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- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working Temperature:* **-35°C bis +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Farbe: Natur** / *Colour: Natural*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acrylic adhesive

ARTIKEL *P/N*	A	B	**C**	D	**VPE-Stckz.** *Moq-Pcs*
6557AA00AS	10,0	20,0	**5,8**	27,6	500
6558AA00AS	20,0	19,8	**7,2**	21,9	500
6275AA00AS	25,0	12,7	**8,2**	27,9	1.000
6554AA00AS	20,0	14,0	**8,5**	26,2	500
6555AA00AS	21,0	19,0	**10,0**	28,2	500
6525AA00AS	25,4	13,0	**11,4**	31,2	500
6553AA00AS	20,0	20,0	**13,8**	31,9	250
6559AA00AS	25,0	13,0	**17,0**	37,0	250
6560AA00AS	25,0	13,0	**20,0**	39,0	250
6561AA00AS	28,0	15,0	**23,0**	41,0	250
6556AA00AS	38,0	19,0	**34,0**	56,2	100

ANMERKUNGEN - Notes

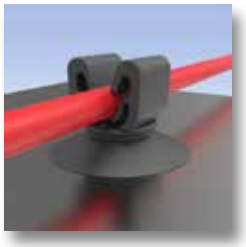
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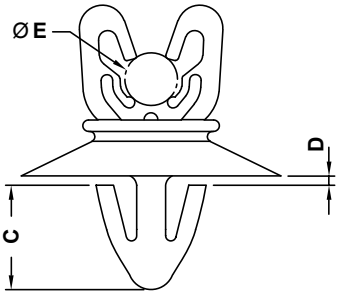
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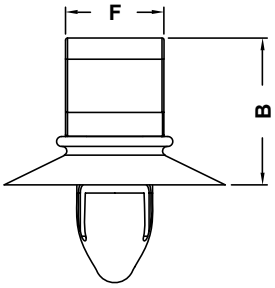


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Kabelbefestigungen & Kabelführungen | *Wire and pipe clips*



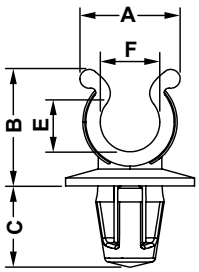




- **Material: PA 6.6** / *Material: PA 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** Working temperature**: -25°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm**/ *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

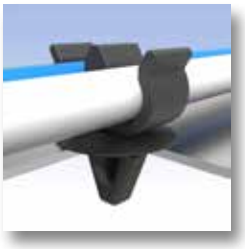
ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12817AA01	22,4	14,7	9,0	0,8	5,0	10,0	Ø 8,0	1,2	1.000

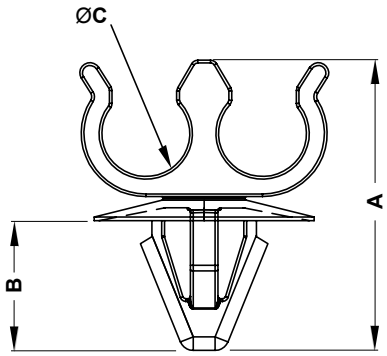


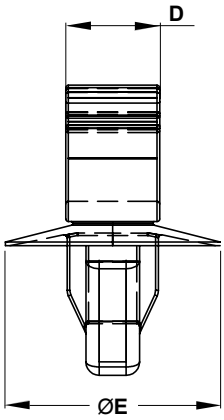


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm**/ *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
5291AA01	9,0	11,7	7,5	5,0	5,0	5,0	⍁ 7,0	0,7 - 1,5	Schwarz / Black	1.000
4788AA00	10,0	12,0	8,0	6,0	6,0	6,0	Ø 6,5	0,7 - 1,5	Natur / Natural	1.000



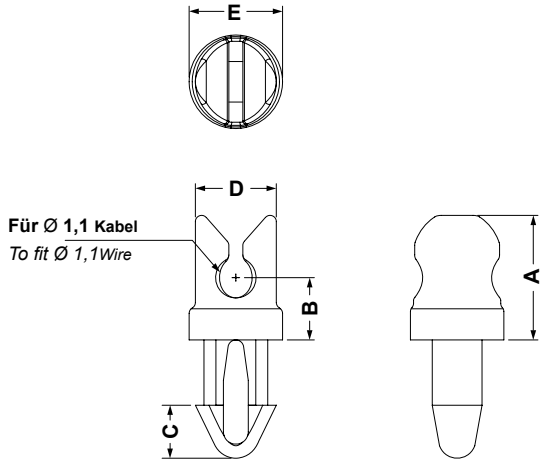




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
14986AA01	21,6	9,6	Ø 6,5 - 6,7	7,0	Ø 16,0	Ø 7,7 - 8,0	1,0 - 1,5	1.000

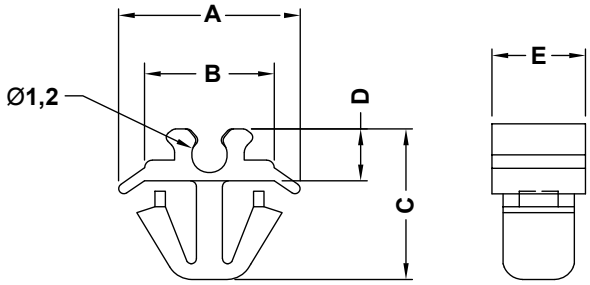




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12475AA00	4,0	2,0	1,7	2,6	Ø3,0	Ø 2,0	1,6 - 2,0	2.000
12476AA00	4,0	2,0	1,7	2,6	Ø3,0	Ø 2,0	1,0 - 1,2	2.000
12477AA00	4,0	2,0	1,7	2,6	Ø3,0	Ø 2,0	0,8	2.000
12470AA00	7,0	5,0	1,7	2,6	Ø3,0	Ø 2,0	1,6 - 2,0	2.000
12471AA00	7,0	5,0	1,7	2,6	Ø3,0	Ø 2,0	1,0 - 1,2	2.000
12472AA00	7,0	5,0	1,7	2,6	Ø3,0	Ø 2,0	0,8	2.000

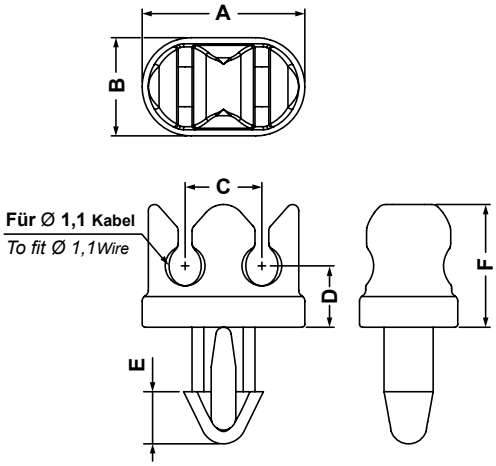




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12875AR01	7,0	5,0	5,8	2,0	3,6	Ø 4,0 x 2,8	0,8	1.000

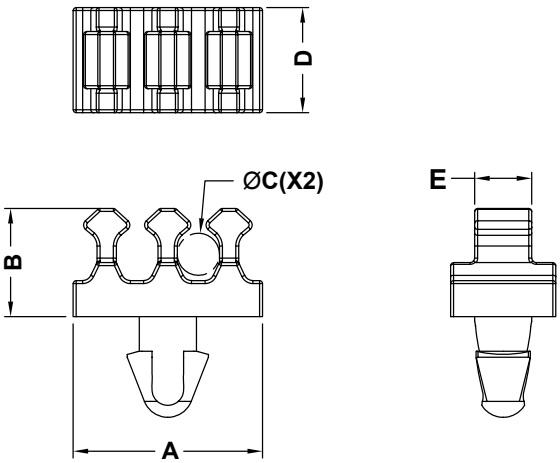




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12473AA00	5,3	3,2	2,5	2,0	1,7	4,0	Ø 2,0	1,6 - 2,0	1.000
12474AA00	5,3	3,2	2,5	2,0	1,7	4,0	Ø 2,0	0,8	1.000

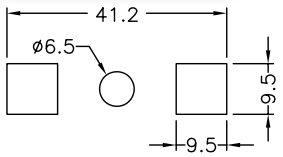




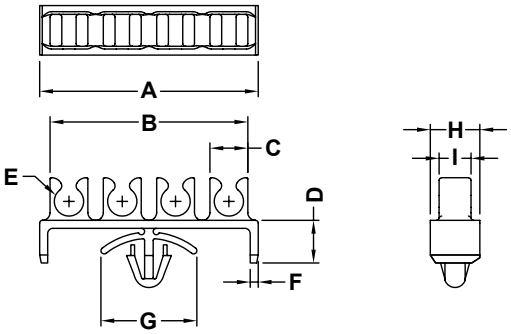
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12873AA01	6,3	3,6	Ø 1,4 (X2)	3,5	1,9	Ø 2,0	1,0	1.000





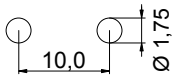
MONTAGE BOHRUNG /
MOUNTING HOLE



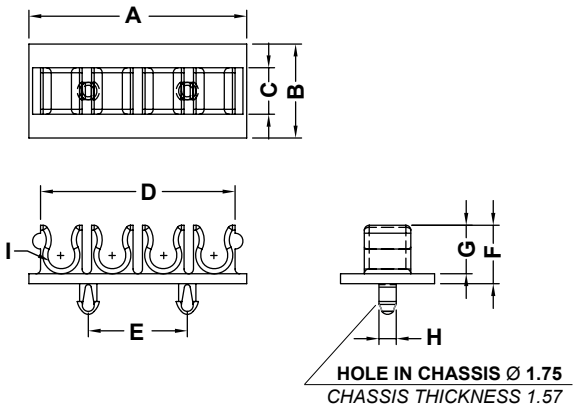
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
12022AA00	41,0	37,1	7.1 (x4)	8,0	Ø 5,5 (x4)	1,5	18,0	9,3	6,0	500





MONTAGE BOHRUNG /
MOUNTING HOLE

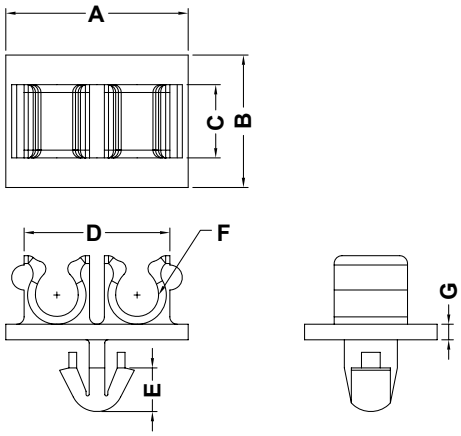


HOLE IN CHASSIS Ø 1.75
CHASSIS THICKNESS 1.57

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

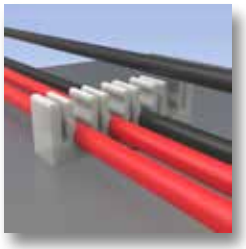
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11349AA00	22,0	9,5	4,7	19,65	10,0	5,9	4,9	Ø 1,75	Ø2,75 (x4)	1,57	500

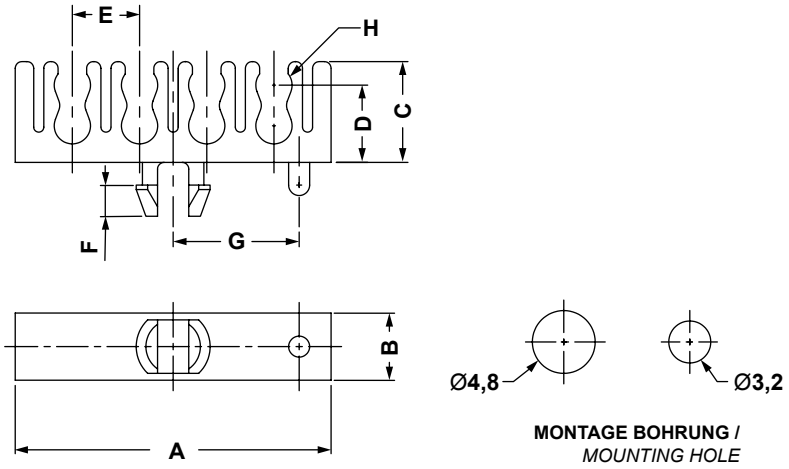




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11350AA00	11,7	8,5	4,7	9,35	2,8	Ø 2,8 (x2)	1,0	Ø 3,5	1,6	1.000

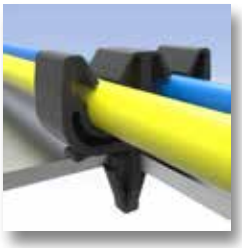


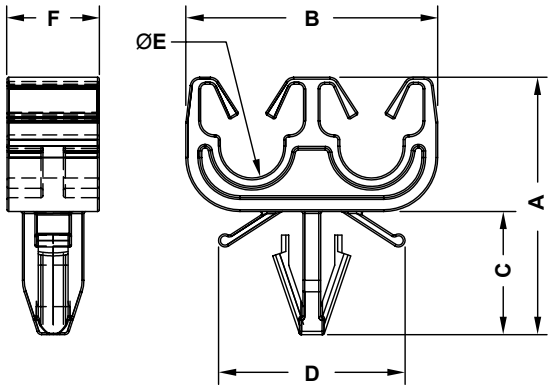


MONTAGE BOHRUNG /
MOUNTING HOLE

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

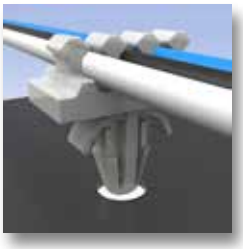
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11635AR00	23,9	5,1	7,6	5,8	5,1	2,4	9,5	Ø 2,6 (x8)		1.000

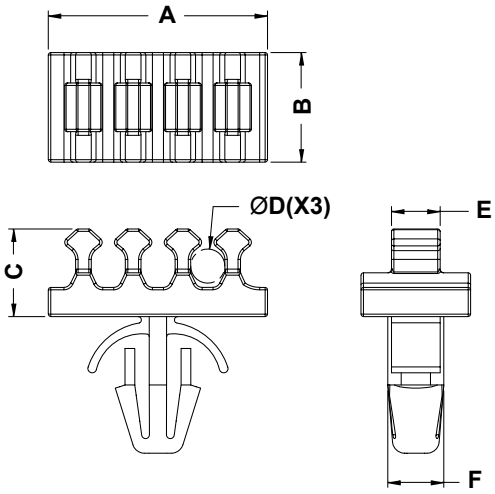




- **Material: POM** / *Material: POM*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
14983GA01	27,6	27,0	13,2	20,0	Ø 7,0 - 7,2	9,9	Ø 7,0 -7,2	1,0 - 1,5	1.000



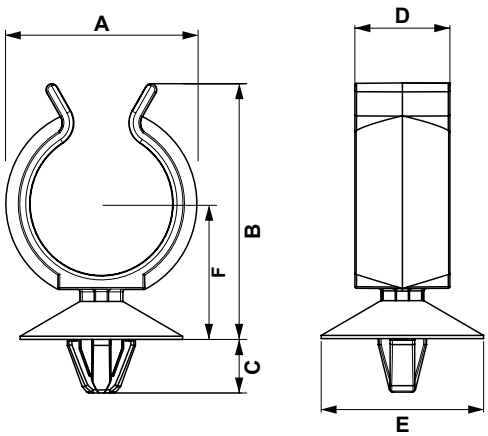


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Mounting Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12874AA00	9,0	4,5	3,6	Ø1,4 (X3)	2,0	2,3	Ø 2,5	1,6	1.000

KABELHALTER - EINFÜHRUNG VON OBEN
WIRE AND PIPE CLIPS - TOP OPENING





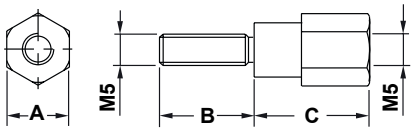
- **Material 18175AR117001** / *Material:* **PA66 V0**
- **Material 18175AA01** / *Material:* **PA6 V2**
- **Ø Kabel: 18,0** / *Ø Cable: 18,0*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	ØE	F	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
18175AR117001	24,1	32,0	6,7	12,0	20,5	17,0	Ø 6,5	1,2 - 1,6	Grau / Gray	1.000
18175AA01	24,1	32,0	6,7	12,0	20,5	17,0	Ø 6,5	1,2 - 1,6	Schwarz / Black	1.000

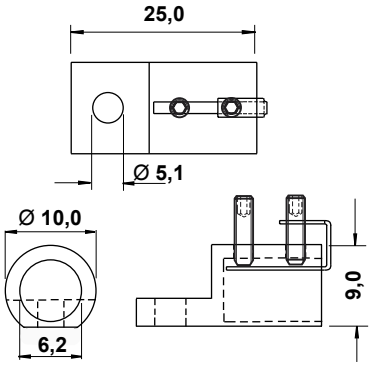
LWL ZUGENTLASTUNG ZENTRALELEMENT
LWL STRAIN RELIEF CLAMP



TYPE 1



TYPE 2

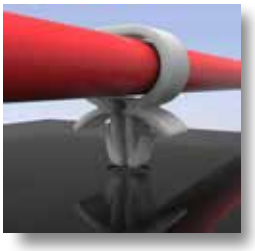


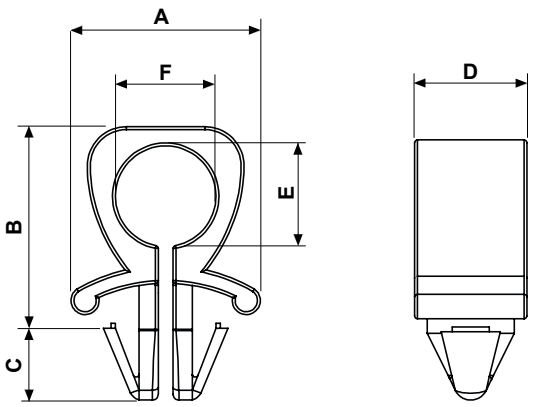
- **Material Artikel 1 + 2: Stahl verzinkt** / *Steel zinc plated*
- **Material Klemmstück** / *Clamp piece*: **Nierosta** / *Stainless Steel*
- **Material Zubehör** / *Accessories*: **Stahl verzinkt** / *Steel zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *MOQ-Pcs*
10912MC94	1	10,0	13,0	13,0	Einzelartikel / single Part	100
10901SET01	2	1 x Druckstück vormontiert + 1 Messingbolzen + eine Schraube M5x16 + 1x Sicherungscheibe 1x Strain-Reliefe assm + 1x Brass Screw + 1x Screw M5 x 16 + 1 x Locking Washer				100
10901SET99	2	1 x Druckstück vormontiert + eine Schraube M5x16 + 1x Sicherungscheibe 1x Strain-Reliefe assm + 1x Screw M5 x 16 + 1 Locking Washer				100

OMEGA KABEL CLIP
OPEN ANCHOR WIRE CLIPS







- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

Die verschiedenen Produkte sind nach Typen gruppiert und können sich in ihrer Form erheblich unterscheiden. *The various products are grouped by type and can have significant differences in shape among themselves.*

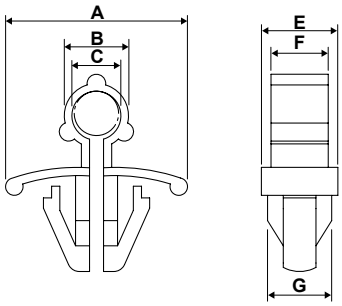
ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
0011AA00	8,7	12,5	5,5	8,0	6,8	6,2	Ø 6,5	1,0 - 2,5	**Natur** / *Natural*	2.500
0013AA01	13,0	14,0	5,0	8,0	6,8	6,2	Ø 6,5	2,5 - 4	**Schwarz** / *Black*	2.500
0299AA00	13,0	13,0	5,0	8,0	6,8	6,8	Ø 6,5	0,5 - 3,0	***	2.500
6524AA01	18,0	17,6	6,0	7,5	10,2	15,0	Ø 6,0 - 6,5	0,8 - 2,5	**Schwarz** / *Black*	1.000
15723AA01	12,8	15,7	4,0	8,0	6,8	6,8	Ø 5,0	2,5 - 4,0	**Schwarz** / *Black*	1.000

*** **Auch in Schwarz (0299AA01) oder in Natur (0299AA00) lieferbar** / *Available in Black (0299AA01) or Natural (0299AA00)*

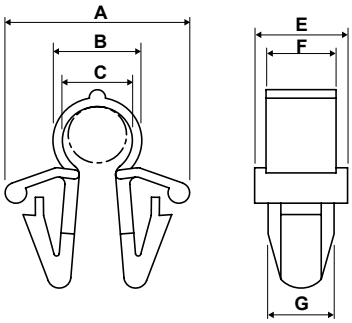
www.fastpoint.de - info@fastpoint.de - Tel. +49 [0] 8171 99 888 20



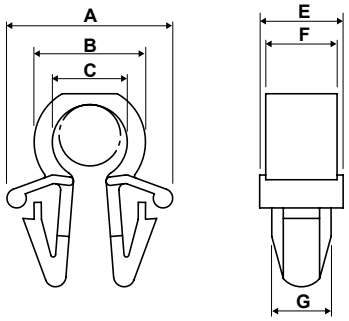
TYPE 1



TYPE 2

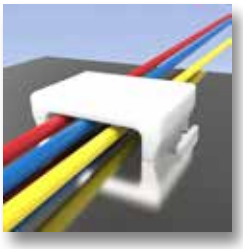


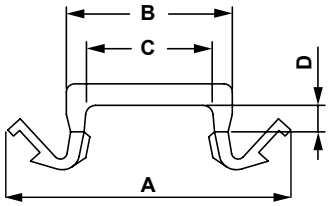
TYPE 3

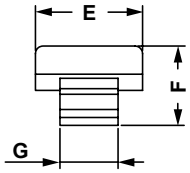


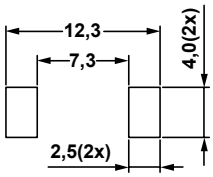
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*
- **Artikel 8086 nur in Schwarz lieferbar** / *Part 8086 only in Black available*

ARTIKEL *P/N*	**TYPE**	**A**	**B**	**C**	**E**	**F**	**G**	**Ø Durchmesser geschlossen** *Ø Closed diameter*	**Ø Bohrung** *Ø Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
8085AA00	1	15,30	5,5	4,2	6,55	4,9	5,5	Ø 3,8	Ø 6,5	1,2	1.000
8079AA00	2	13,50	6,5	5,2	6,9	5,2	4,9	Ø 4,5	Ø 6,0	2,0	1.000
8086AA01	2	12,20	7,10	5,50	6,5	5,0	5,3	Ø 5,0	Ø 6,5	2,0	1.000
8081AA00	3	13,60	9,20	6,30	6,9	5,9	4,9	Ø 5,0	Ø 6,0	2,0	1.000
8083AA00	3	13,20	10,9	8,10	6,9	5,9	4,9	Ø 7,0	Ø 6,0	2,0	1.000
8084AA00	3	13,40	12,8	9,85	6,9	5,9	4,9	Ø 9,0	Ø 6,0	2,0	1.000







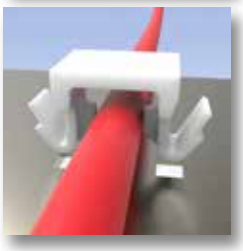


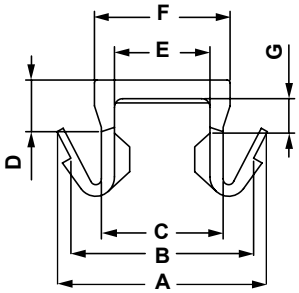
MONTAGE BOHRUNG
MOUNTING HOLE
STÄRKE / *THICKNESS: max 0,8 mm*

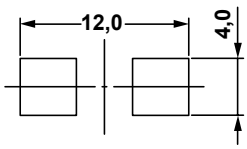
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12058AA00	16,8	9,9	7,5	1,6	7,0	5,1	3,8		1.000

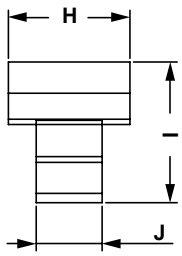


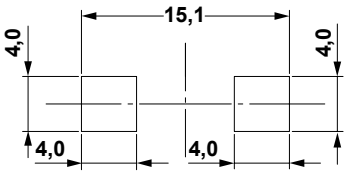






12059AA00
MONTAGE BOHRUNG
MOUNTING HOLE





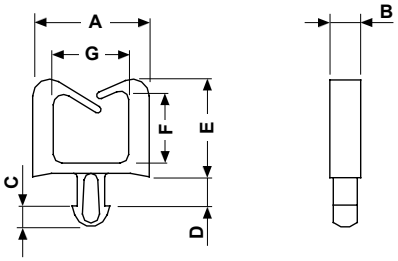
12060AA00
MONTAGE BOHRUNG
MOUNTING HOLE

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12059AA00	15,0	13,2	8,8	3,6	6,9	9,8	2,4	7,0	8,1	3,8	1,0 - 1,2	1.000
12060AA00	18,1	16,3	11,9	3,6	10,0	12,9	2,4	7,0	8,1	3,8	1,0 - 1,2	1.000

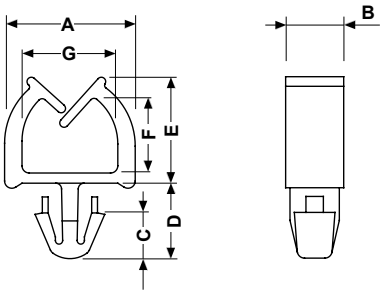
TYPE 1





TYPE 2



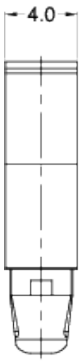


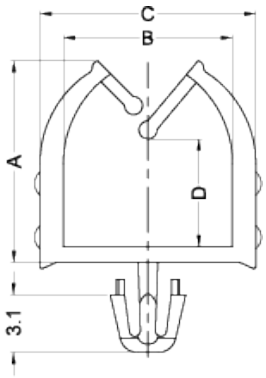
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
6581AA00	1	6,8	1,8	1,2	1,7	5,7	**4,2**	**4,4**	Ø 1,75	1,6	2.000
6582AA00	2	9,0	4,0	3,4	5,3	7,3	**4,8**	**6,6**	Ø 3,0	1,6	1.000
5729AA00	2	9,0	4,0	3,2	5,2	7,3	**4,8**	**6,6**	Ø 3,5	1,6	1.000
6583AA00	2	9,0	4,0	2,8	4,1	7,3	**4,8**	**6,6**	Ø 3,5	1,0	1.000
6584AA00	2	12,0	4,0	2,8	4,8	11,5	**8,5**	**8,8**	Ø 3,5	1,0 - 1,6	1.000
6585AA00	2	9,2	4,0	2,8	4,8	7,6	**5,0**	**6,8**	Ø 3,0	1,0 - 1,6	2.000

KABELHALTER EINFÜHRUNG OBEN
WIRE SADDLE - TOP OPENING







- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Stärke *Thickness*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
9664AA00	7,3	6,7	9,1	3,0	1,6	Ø 3,0	1.000
9665AA00	9,1	8,2	10,8	3,9	1,6	Ø 3,0	1.000
9666AA00	11,2	9,4	12,0	6,0	1,6	Ø 3,0	1.000
9667AA00	13,0	9,4	12,0	7,7	1,6	Ø 3,0	1.000
9668AA00	7,3	6,7	9,1	3,0	2,4	Ø 3,0	1.000
9669AA00	9,1	8,2	10,8	3,9	2,4	Ø 3,0	1.000
9670AA00	11,2	9,4	12,0	6,0	2,4	Ø 3,0	1.000
9671AA00	13,0	9,4	12,0	7,7	2,4	Ø 3,5	1.000
9860AA00	7,3	6,7	9,1	3,0	1,6	Ø 3,5	1.000
9861AA00	9,1	8,2	10,8	3,9	1,6	Ø 3,5	1.000
9862AA00	11,2	9,4	12,0	6,0	1,6	Ø 3,5	1.000
9863AA00	13,0	9,4	12,0	7,7	1,6	Ø 3,5	1.000
9864AA00	7,3	6,7	9,1	3,0	2,4	Ø 3,5	1.000
9865AA00	9,1	8,2	10,8	3,9	2,4	Ø 3,5	1.000
9866AA00	11,2	9,4	12,0	6,0	2,4	Ø 3,5	1.000
9867AA00	13,0	9,4	12,0	7,7	2,4	Ø 3,5	1.000

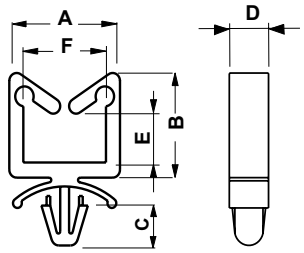
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KABELHALTER - EINFÜHRUNG VON OBEN
WIRE AND PIPE CLIPS - TOP OPEN

fastpoint

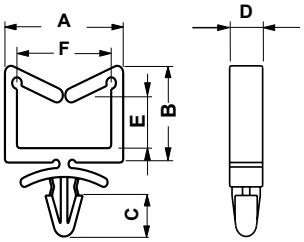
TYPE 1





TYPE 2





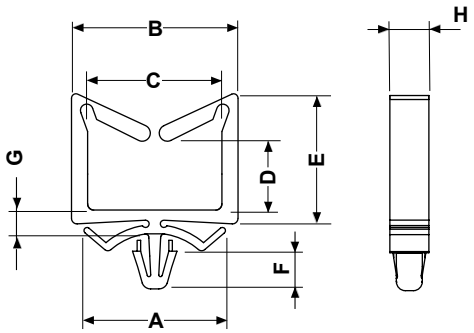
new PRODUCT

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
6249AA00	1	15,0	12,0	5,3	5,3	5,0	11,2	Ø 4,8	0,8 - 2,0	1.000
5595AA00	1	15,0	17,0	5,3	5,3	10,0	11,2	Ø 4,8	0,8 - 2,0	1.000
6250AA00	1	15,0	26,0	5,3	5,3	19,0	11,2	Ø 4,8	0,8 - 2,0	1.000
6251AA00	1	15,0	34,0	5,3	5,3	27,0	11,2	Ø 4,8	0,8 - 2,0	1.000
9660AA00	1	15,5	13,0	5,4	5,6	4,8	11,1	Ø 4,8	2,6 - 3,6	1.000
9661AA00	1	15,5	18,0	5,4	5,6	9,7	11,1	Ø 4,8	2,6 - 3,6	1.000
9662AA00	1	15,5	26,9	5,4	5,6	18,5	11,1	Ø 4,8	2,6 - 3,6	1.000
9663AA00	1	15,5	34,8	5,4	5,6	26,5	11,1	Ø 4,8	2,6 - 3,6	1.000
10670AA00	1	19,7	18,2	-	5,4	11,3	15,7	Ø 4,8 - 5,0	1,2 - 2,1	500
11387AA00	1	24,2	27,0	5,6	5,5	19,0	19,6	Ø 4,8	0,8 - 1,2	1.000
4783AA00	2	15,0	11,6	5,2	5,3	4,8	11,2	Ø 4,8	0,8 - 2,0	1.000
4784AA00	2	15,0	16,5	5,2	5,3	9,8	11,2	Ø 4,8	0,8 - 2,0	1.000
10669AA00	2	18,5	17,0	6,1	5,5	10,1	14,6	Ø 5,0	1,2 - 2,0	500

KABELHALTER STECKBAR
CABLE HOLDER PUSH MOUNT

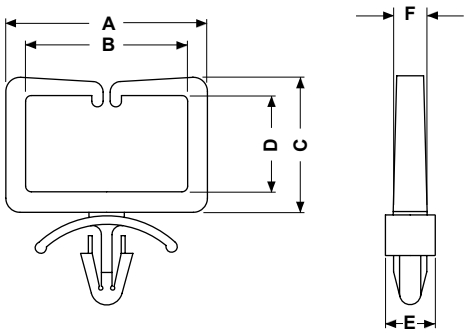




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10671AA00	20,0	23,5	**19,0**	**11,8**	18,2	5,3	4,0	5,5	Ø 4,8	1,2	500
10672AA00	20,0	23,5	**19,0**	**20,5**	27,0	5,3	4,0	5,5	Ø 4,8	1,2	500



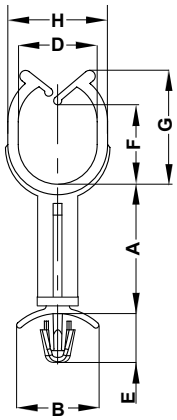


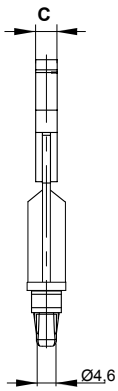
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
10971AA00	28,5	22,9	19,2	13,6	7,0	4,8	Ø 4,8	1,1	500
10972AA00	42,0	36,0	66,0	60,3	7,0	4,8	Ø 4,8 - 5,0	0,8 - 4,0	100

KABELHALTER - EINFÜHRUNG VON OBEN
WIRE AND PIPE CLIPS - TOP OPENING



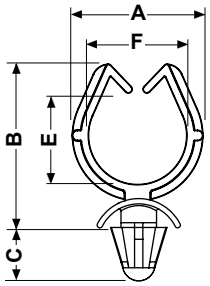


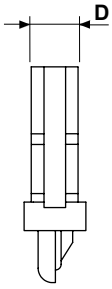


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
14104AA0009.5	9,5	14,2	4,0	13,6	8,4	13,6	19,5	18,0	Ø 4,8	1,6	1.000
14104AA0012.7	12,7	14,2	4,0	13,6	8,4	13,6	19,5	18,0	Ø 4,8	1,6	1.000
14104AA0019.1	19,1	14,2	4,0	13,6	8,4	13,6	19,5	18,0	Ø 4,8	1,6	1.000
14104AA0025.4	25,4	14,2	4,0	13,6	8,4	13,6	19,5	18,0	Ø 4,8	1,6	1.000
14104AA0031.8	31,8	14,2	4,0	13,6	8,4	13,6	19,5	18,0	Ø 4,8	1,6	1.000







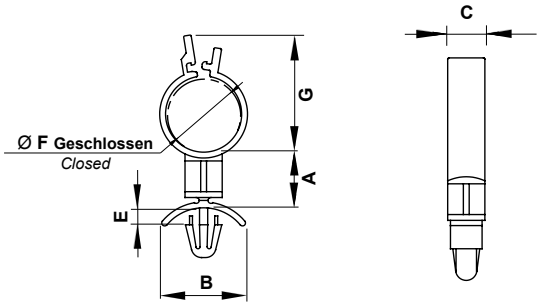
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
0024AA01	21,5	27,5	8,0	8,0	16,0	14,5	Ø 6,5	0,5 - 1,5	1.000

KABELHALTER – EINFÜHRUNG VON OBEN
WIRE AND PIPE CLIPS - TOP OPENING

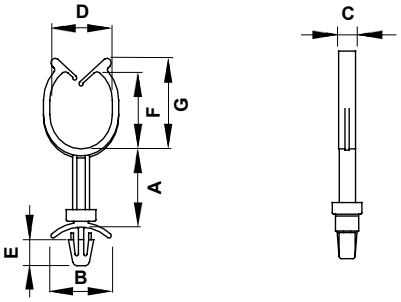
TYPE 1





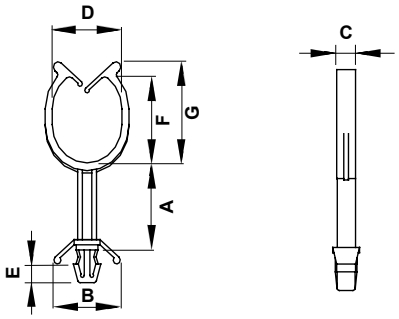
TYPE 2





TYPE 3





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

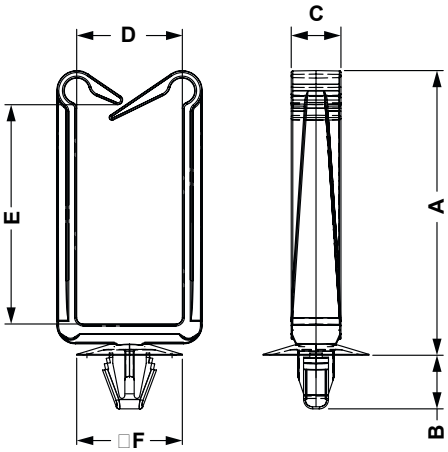
ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
13178AA00	1	6,4	16,0	5,5	6,3	2,0	8,6	28,9	Ø 4,8	0,8 - 2,0	500
6637AA00	1	9,5	14,3	6,35	-	2,9	12,5	20,0	Ø 4,8	0,8 - 2,0	500
6574AA00	2	9,5	14,3	4,0	14,8	5,6	16,2	19,5	Ø 4,8 - 5,0	0,8 - 2,3	500
6575AA00	3	12,7	14,1	4,0	14,8	3,6	16,2	19,5	Ø 4,8 - 5,0	0,8 - 2,3	500
6576AA00	3	16,8	14,1	4,0	14,8	3,6	16,2	19,5	Ø 4,8 - 5,0	0,8 - 2,3	500
6577AA00	3	25,0	14,1	4,0	14,8	3,6	16,2	19,5	Ø 4,8 - 5,0	0,8 - 2,3	500
6578AA00	3	36,8	14,1	4,0	14,8	3,6	16,2	19,5	Ø 4,8 - 5,0	0,8 - 2,3	500

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TYPE 1



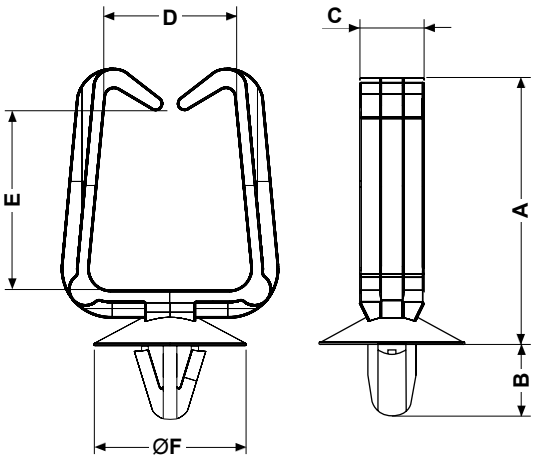




TYPE 2







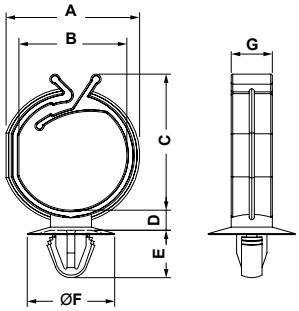
- **Material: PA 6** / *Material: Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Material *Material*	Farbe *Colour*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11632AA01	1	45,8	8,6	8,0	17,0	35,1	Ø17,0	PA 6	**Schwarz***/Black*	Ø 6,0 - 6,5	6,0 - 2,5	1.000
5544AA00	2	32,3	7,8	8,0	17,0	20,8	Ø17,5	PA 6.6	**Natur***Natural*	Ø 6,5	0,6 - 2,0	2.500

KABELHALTER - EINFÜHRUNG VON OBEN
WIRE AND PIPE CLIPS - TOP OPENING

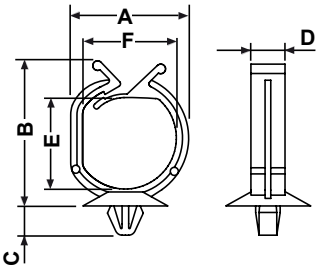
TYPE 1





TYPE 2

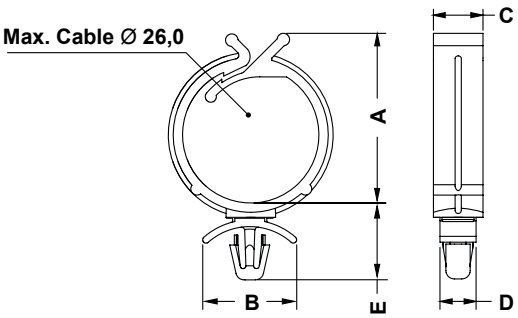




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Type	A	B	C	D	E	ØF	G	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
12273AA00	1	24,5	21,5	27,0	4,0	9,4	17,0	8,0	Ø 6,5 - 7,0	0,6 - 2,0	**Natur** / *Natural*	1.000
12273AA01	1	24,5	21,5	27,0	4,0	9,4	17,0	8,0	Ø 6,5 - 7,0	0,6 - 2,0	**Schwarz** / *Black*	1.000
12273AA02	1	24,5	21,5	27,0	4,0	9,4	17,0	8,0	Ø 6,5 - 7,0	0,6 - 2,0	**Weiß** / *White*	1.000
2476AA00	2	12,3	19,0	7,0	6,0	9,5	9,0	-	Ø 7,0	0,8 - 2,0	**Natur** / *Natural*	2.000
2764AA00	2	28,0	35,0	5,0	8,0	22,0	22,0	-	Ø 6,5	0,8 - 1,5	**Natur** / *Natural*	1.000



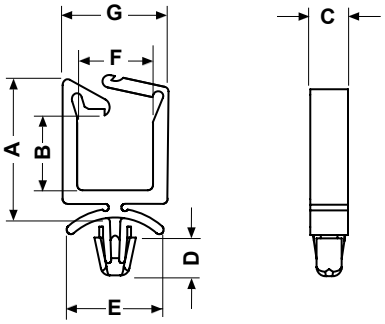


- **Material: PA 6.6** / *Material: PA 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11189AM04	PA46 rot	31,0	14,2	8,0	4,6	11,6	Ø 4,8	0,8 - 2,0	1.000
11189AA00	PA66 Natur	31,0	14,2	8,0	4,6	11,6	Ø 4,8	0,8 - 2,0	1.000

KABELHALTER STECKBAR
WIRE SADDLE - PUSH MOUNT

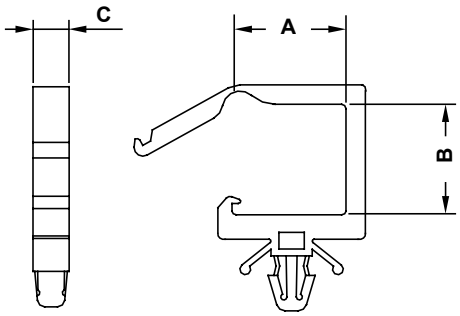




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
9899AA00	13,0	3,6	5,6	5,6	14,2	11,1	15,5	Ø 4,8	0,8 - 2,0	1.000
9900AA00	18,0	8,4	5,6	5,6	14,2	11,1	15,5	Ø 4,8	0,8 - 2,0	1.000
9901AA00	27,2	17,5	5,6	5,6	14,2	11,1	15,5	Ø 4,8	0,8 - 2,0	1.000
9902AA00	35,1	25,4	5,6	5,6	14,2	11,1	15,5	Ø 4,8	0,8 - 2,0	1.000
9903AA00	13,0	3,6	5,6	5,6	14,2	11,1	15,5	Ø 4,8	2,6 - 3,6	1.000
9904AA00	18,0	8,4	5,6	5,6	14,2	11,1	15,5	Ø 4,8	2,6 - 3,6	1.000
9905AA00	27,2	17,5	5,6	5,6	14,2	11,1	15,5	Ø 4,8	2,6 - 3,6	1.000
9906AA00	35,1	25,4	5,6	5,6	14,2	11,1	15,5	Ø 4,8	2,6 - 3,6	1.000
6579AA00	18,0	10,3	5,4	5,2	14,8	10,8	14,8	Ø 4,8 - 5,0	0,5 - 2,0	1.000
6580AA00	27,2	19,6	5,4	5,2	14,8	10,8	14,8	Ø 4,8 - 5,0	0,5 - 2,0	1.000



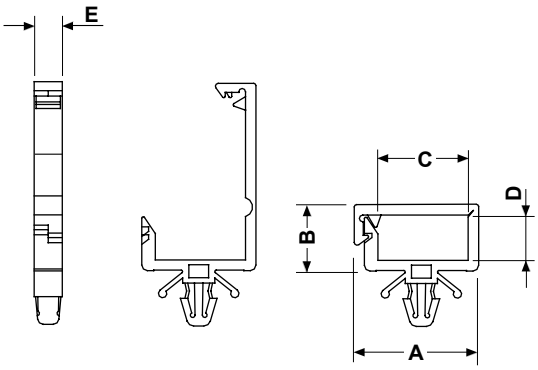


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12025AA00	13,2	10,0	5,5	Ø 4,8 - 5,0	1,2 - 2,4		1.000

KABELHALTER – EINFÜHRUNG VON OBEN
WIRE AND PIPE CLIPS - TOP OPENING

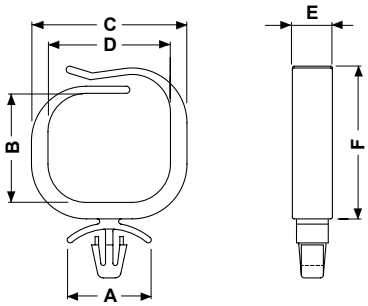




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	**C**	**D**	**E**	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
8012AA00	22,6	18,1	**16,0**	**14,0**	5,0	Ø 4,8 - 5,0	1,2 - 2,4	500
10691AA00	17,5	14,1	**11,1**	**10,2**	5,0	Ø 4,8 - 5,0	1,2 - 2,4	500
10692AA00	17,5	9,0	**11,1**	**5,0**	5,0	Ø 4,8 - 5,0	1,2 - 2,4	500



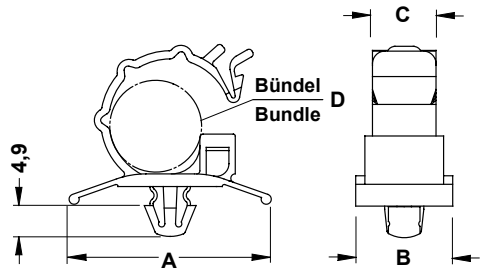


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**F**	**Bohrung** *Hole*	**Stärke** *Thickness*	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
8235AA00	14,3	**18,5**	26,4	**20,8**	6,9	25,9	Ø 4,8 - 5,0	0,8 - 2,0	**Natur oder Schwarz** / *Natural or Black*	250
10976AA00	18,0	**15,0**	40,0	**34,0**	7,0	21,1	Ø 4,8	0,8 - 2,0	**Natur** / *Natural*	250
10979AA00	14,8	**25,0**	34,3	**28,6**	6,95	34,4	Ø 4,8	0,8 - 2,0	**Natur** / *Natural*	1.000
10978AA00	19,0	**24,8**	34,3	**28,6**	6,95	34,2	⍁ 7,8	0,8 - 2,0	**Natur** / *Natural*	250
10977AA01	16,0	**35,0**	46,0	**40,0**	7,0	45,0	Ø 4,8	0,8 - 2,0	**Schwarz** / Black	2.000

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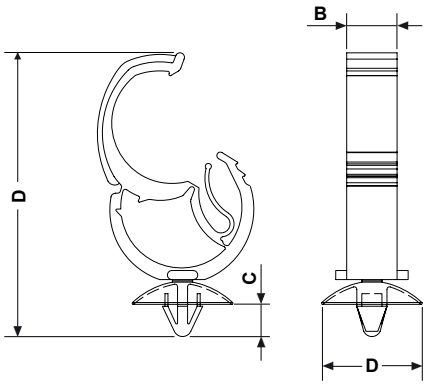




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D max.	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10646AA11	27,0	15,0	9,8	7,0	Ø 6,4	0,8 - 2,3	200
10647AA11	30,8	17,2	12,0	10,3	Ø 6,4	0,8 - 2,3	200
10648AA11	32,0	19,2	13,9	13,0	Ø 6,4	0,5 - 2,3	200
10649AA11	32,0	19,3	14,0	14,5	Ø 6,4	0,8 - 2,3	200
10650AA11	35,0	21,3	15,8	16,0	Ø 6,4	0,5 - 2,3	200
10651AA11	37,5	23,2	18,0	20,0	Ø 6,4	0,5 - 2,3	200
10652AA11	37,5	23,2	18,0	20,0	Ø 6,4	2,3 - 4,1	200





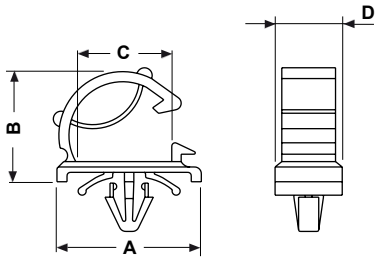
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Ø Max. kabel *Ø Max. cable*	VPE-Stckz. *Moq-Pcs*
8495AA01	Ø 20,0	10,0	6,0	56,3	Ø 6,2 - 6,7	0,5 - 2,0	Ø 20,0	1.000

SCHLIESSBARE KABELHALTER SEITLICHE EINFÜHRUNG - WIEDERÖFFENBAR
WIRE CLIPS WITH LATERAL CLOSURE

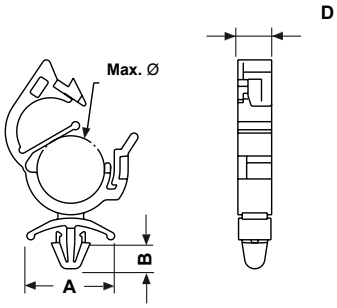
TYPE 1





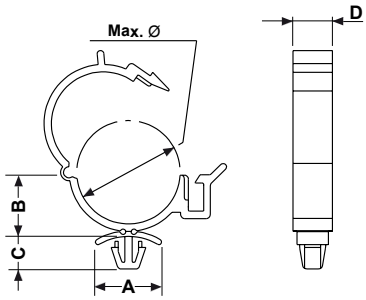
TYPE 2





TYPE 3



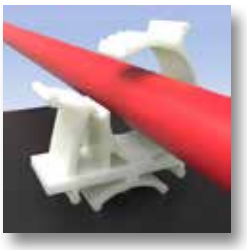


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

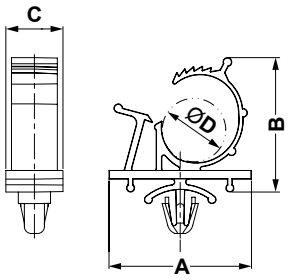
ARTIKEL *P/N*	**TYPE**	**A**	**B**	**C**	**D**	**Bohrung** *Hole*	**Stärke** *Thickness*	**Ø max.** (Geschlossen/closed) **Kabel**/Cable	**VPE-Stckz.** *Moq-Pcs*
6062AA00	1	21,5	16,4	14,3	10,0	Ø 4,8	0,8 - 2,5	Ø 4,0	1.000
6063AA00	2	13,0	4,0	-	5,0	Ø 4,0	0,8 - 1,6	Ø 7,6	1.000
6065AA00	2	13,0	4,0	-	5,0	Ø 4,0	0,8 - 1,6	Ø 10,0	1.000
6066AA00	2	13,0	4,0	-	5,0	Ø 4,0	0,8 - 1,6	Ø 12,0	1.000
6064AA00	3	16,0	15,5	7,9	9,5	Ø 6,5	0,8 - 1,6	Ø 25,0	1.000

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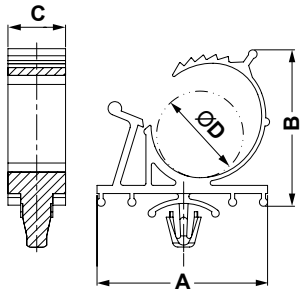
KABELHALTER SEITLICHE EINFÜHRUNG
CABLE HOLDER PUSH MOUNT



TYPE 1



TYPE 2

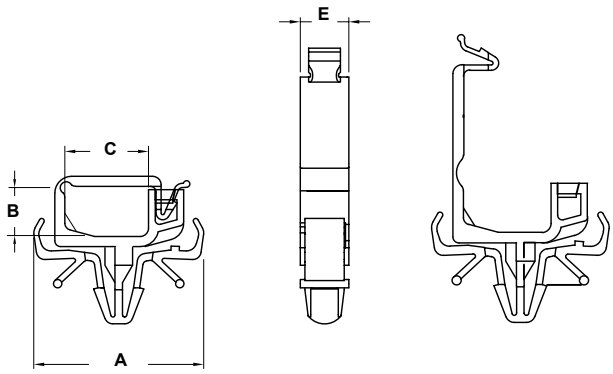


- **Material: PA 6.6** / *Material: PA 6.6*
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Entflammbarkeit *UL Flammability*	VPE-Stckz. *Moq-Pcs*
18650AA00	1	19,1	23,8	8,9	Ø 7,9 - 0,2	Ø 6,3	0,8 - 1,5	V2 (UL94)	5.000
18650AR00	1	19,1	23,8	8,9	Ø 7,9 - 0,2	Ø 6,3	0,8 - 1,5	V0 (UL94)	5.000
15581AA00	1	31,4	29,6	12,6	Ø 11,9 - 14,0	Ø 6,3	0,8 - 1,5	V2 (UL94)	500
15581AR00	1	31,4	29,6	12,6	Ø 11,9 - 14,0	Ø 6,3	0,8 - 1,5	V0 (UL94)	500
15582AA00	2	37,6	34,5	12,7	Ø 14,7 - 19,1	Ø 6,3	0,8 - 1,5	V2 (UL94)	200
15582AR00	2	37,6	34,5	12,7	Ø 14,7 - 19,1	Ø 6,3	0,8 - 1,5	V0 (UL94)	200

KABELHALTER – EINFÜHRUNG VON OBEN
WIRE AND PIPE CLIPS - TOP OPENING



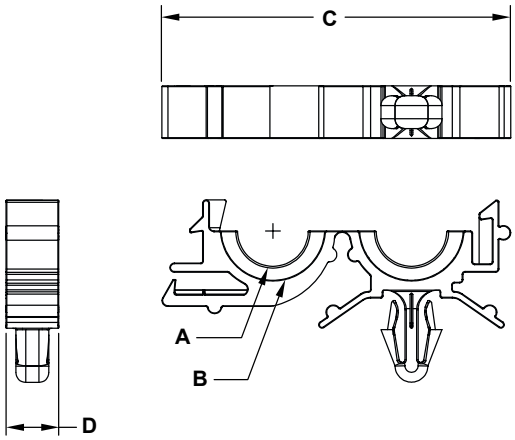


- **Material: PA 6.6 /** *Material: PA 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbre: Natur /** *Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	**C**	**E**	**Entflammbarkeit** *UL Flammability*	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
18250AA00	20,31	5,6	10,0	5,8	*V2 (UL94)*	Ø 4,8	0,8 - 2,3	1.000
18251AA00	21,3	8,5	11,0	5,8	*V2 (UL94)*	Ø 4,8	0,8 - 2,3	1.000
18252AA00	20,31	12,0	12,0	5,8	*V2 (UL94)*	Ø 4,8	0,8 - 2,3	1.000
18253AR00	23,31	14,0	16,0	5,8	*V0 (UL94)*	Ø 4,8	0,8 - 2,3	1.000
18254AA00	27,3	19,6	20,0	5,8	*V2 (UL94)*	Ø 4,8	0,8 - 2,3	1.000
18254AR00	27,3	19,6	20,0	5,8	*V0 (UL94)*	Ø 4,8	0,8 - 2,3	1.000
18255AR00	33,3	29,4	25,6	5,8	*V0 (UL94)*	Ø 4,8	0,8 - 2,3	1.000
18256AA00	-	2,4	6,2	5,0	*V2 (UL94)*	Ø 3,5	0,8 - 2,2	1.000
18257AA00	16,5	4,5	11,0	5,0	*V2 (UL94)*	Ø 3,5	0,5 - 1,8	1.000

KABELHALTER STECKBAR - WIEDERÖFFENBAR
CABLE HOLDER PUSH MOUNT - RELEASABLE



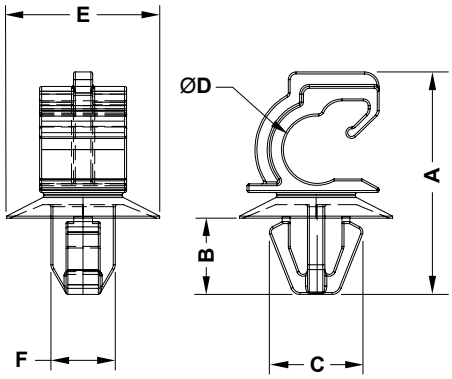


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Ø max. Kabel *Ø max. Cable*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11666AA01	R5,4	R8,0	53,0	8,0	Ø12,7	Ø 7,5	2,0 - 3,0	1.000
13142AA01	R6,1	R8,1	52,0	8,0	Ø15,0	Ø 7,5	2,0 - 3,0	1.000
13143AA01	R6,8	R8,9	55,4	8,0	Ø17,4	Ø 7,5	2,0 - 3,0	1.000
13144AA01	R10,1	R13,5	76,5	10,5	Ø25,4	Ø 7,5	2,0 - 3,0	1.000

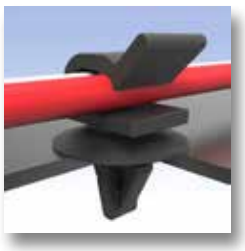
KABELHALTER SEITLICHE EINFÜHRUNG
CABLE HOLDER PUSH MOUNT

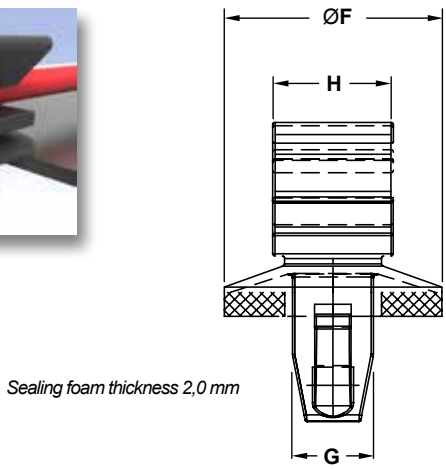


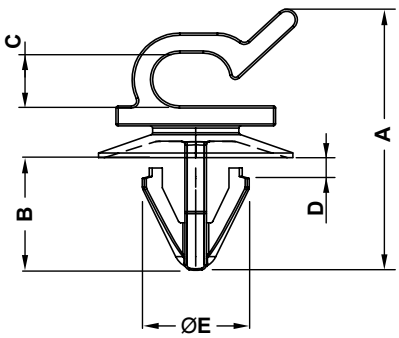


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
14984AA01	23,0	7,9	9,7	Ø 7,0	Ø 15,9	6,7	Ø7,5 - 7,7	1,0 - 1,2	1.000







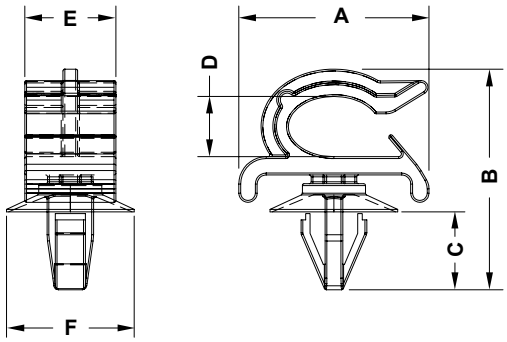
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
14993AA01	24,8	10,7	5,0	2,0	Ø 9,9	Ø18,0	6,7	10,0	Ø7,5 - 8,0	0,8 - 1,5	1.000

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KABELHALTER SEITLICHE EINFÜHRUNG
CABLE HOLDER PUSH MOUNT

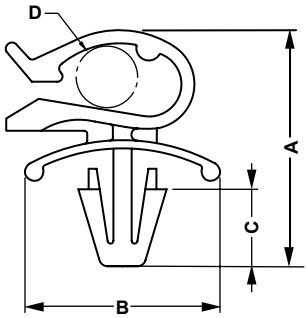




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke/ *Thickness*	VPE-Stckz. *Moq-Pcs*
14985AA01	20,9	24,2	8,6	6,6	10,0	Ø 14,0	Ø 5,8 - 6,0	1,0 - 1,2	1.000



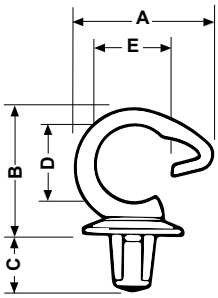


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12091AA01	23,0	19,0	7,5	Ø 6.0 ~ Ø 9.0	Ø 6.3 ~ Ø 6.5	1,0 ~ 3,0	1.000

KABELHALTER SEITLICHE EINFÜHRUNG
CABLE HOLDER PUSH MOUNT

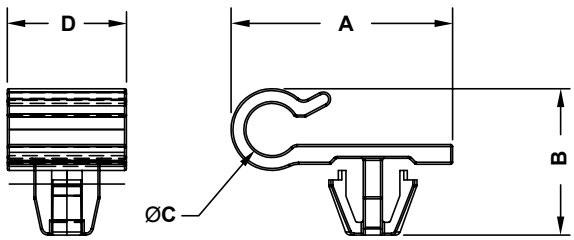




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
5295AA00	12,5	9,0	8,5	**4,8**	**4,8**	Ø 6,5	0,7 - 1,2		1.000
5296AA00	12,5	12,0	8,0	**7,0**	**7,0**	Ø 6,5	0,7 - 1,2		2.700
4762AA00	19,0	17,0	8,0	**11,0**	**11,0**	Ø 6,5	1,5 - 2,0		1.000





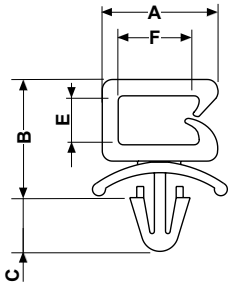
- **Material: POM** / *Material: POM*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

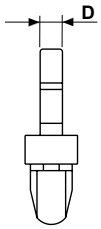
ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
14992GA01	22,5	14,9	Ø 5,3 - 5,5	12,1	Ø 7,0 x 7,0	1,0 - 1,5	1.000

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TYPE 1

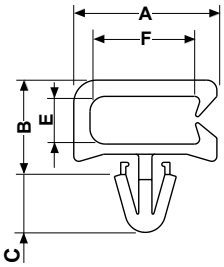


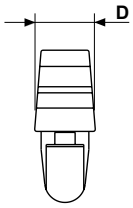




TYPE 2

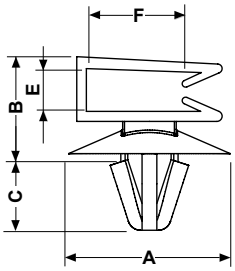


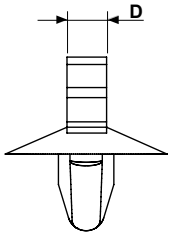




TYPE 3





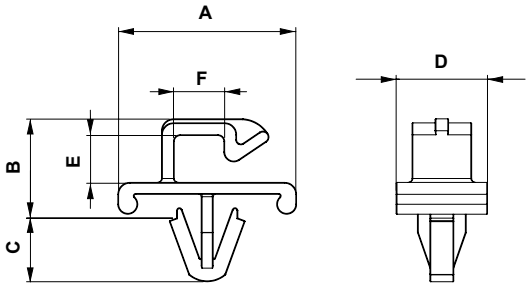


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12045AA00	1	11,3	8,0	5,8	2,4	4,8	7,2	Ø 4,8	0,8 - 2,0	1.000
0018AA00	1	16,5	14,0	8,0	4,0	6,2	9,0	Ø 6,5	0,8 - 1,8	2.500
4782AA00	2	14,2	9,0	6,0	5,8	4,8	10,0	Ø 4,8	max.1,6	1.000
5448AA00	3	18,0	12,8	7,8	5,0	5,8	9,2	Ø 6,5	0,6 - 2,0	2.500





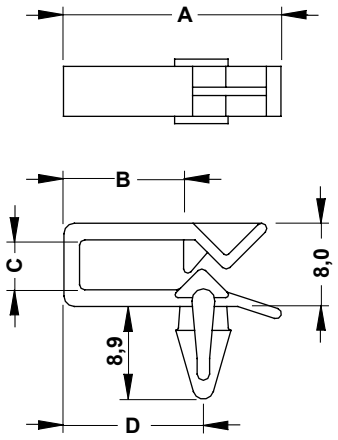


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
2327AA01	1	22,5	13,5	7,5	11,5	5,8	6,0	Ø 6,5	0,5 - 1,5	2.500





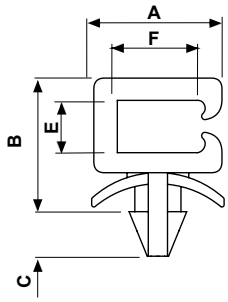
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

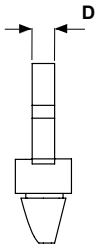
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10686AA00	20,9	10,0	4,8	13,4	Ø 4,8	2,0	1.000
10687AA00	24,2	13,2	4,8	16,8	Ø 4,8	2,0	1.000
10688AA00	17,5	6,6	4,8	10,8	Ø 4,8	0,8 - 2,0	1.000

TYPE 1

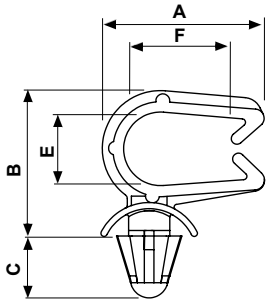


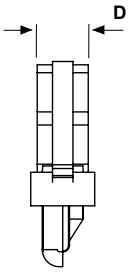




TYPE 2

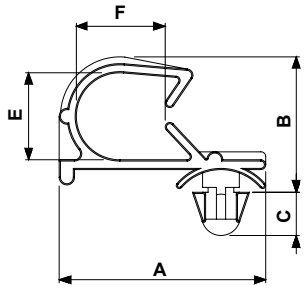


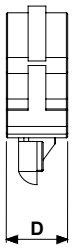




TYPE 3





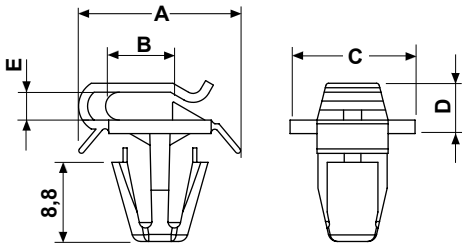


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur oder Schwarz** / *Colour: Natural or Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
0017AA00	1	12,0	12,0	4,0	2,4	**4,5**	**7,5**	Ø 4,8	0,5 - 1,5	1.000
0019AA01	2	17,0	15,0	8,5	6,0	**7,5**	**9,0**	Ø 6,5	0,5 - 1,5	2.500
5767AA01	2	23,5	21,0	8,5	7,5	**10,0**	**15,5**	Ø 6,5	0,8 - 2,0	2.500
0021AA00	2	23,3	21,0	5,5	6,5	**10,0**	**16,0**	Ø 5,0	0,6 - 1,7	3.000
0022AA00	3	34,8	23,0	8,0	10,0	**14,0**	**15,0**	Ø 6,5	0,8 - 2,5	2.500

KABELHALTER STECKBAR
CABLE HOLDER PUSH MOUNT

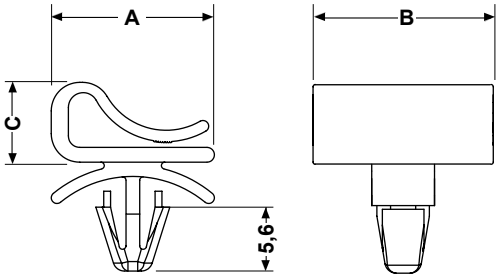




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10680AA00	18,0	7,5	14,0	5,6	3,1	Ø 8,0	1,0 - 2,8	1.000

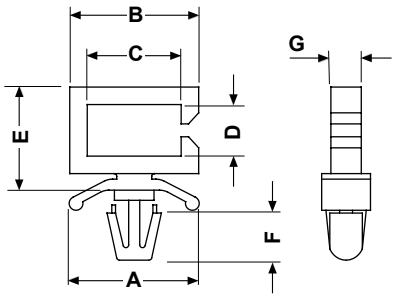




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10681AA00	14,3	15,8	7,0	Ø 4,8	0,6 - 2,0	1.000

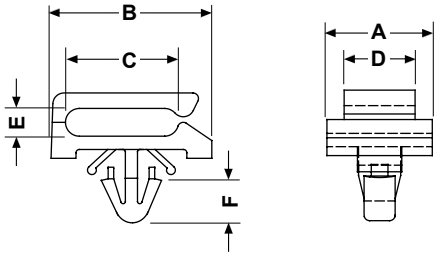




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10673AA00	14,0	14,0	**10,2**	**5,6**	11,2	5,1	3,3	Ø 4,8	0,8 - 2,0	1.000
10674AA00	14,0	17,0	**13,2**	**5,6**	11,2	5,1	3,3	Ø 4,8	0,8 - 2,0	1.000



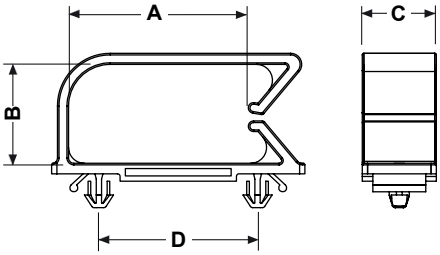


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10675AA00	9,5	14,5	**10,2**	6,4	**2,5**	3,4	Ø 3,0	0,6 - 1,8	2.000
10676AA00	9,5	14,5	**10,2**	6,4	**2,5**	3,4	Ø 4,0	1,2 - 1,6	1.000

KABELHALTER STECKBAR
CABLE HOLDER PUSH MOUNT





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
10677AA01	24,0	10,0	14,0	20,0	Ø 4,0	0,8 - 2,0	**Schwarz oder Natur** / Natural or Black	500
10678AA01	24,0	18,7	14,0	20,0	Ø 4,0	0,8 - 2,0	**Schwarz** / Black	500
10679AA01	34,0	18,7	14,0	30,0	Ø 4,0	0,8 - 2,0	**Schwarz** / Black	500

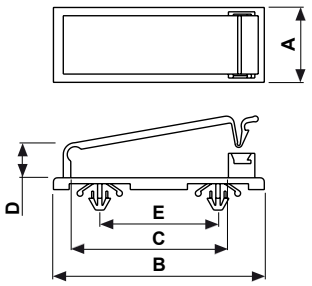
FLACHBANDKABELHALTER STECKBAR
FLAT CABLE CLIPS PUSH MOUNT

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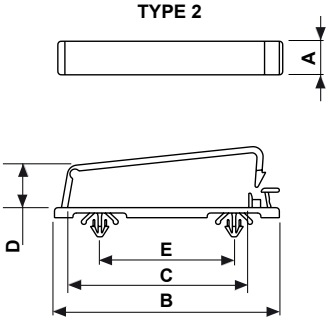
TYPE 1



TYPE 1

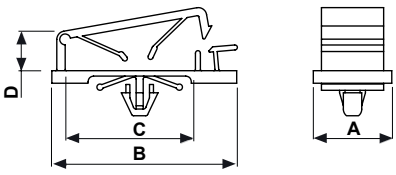


TYPE 2



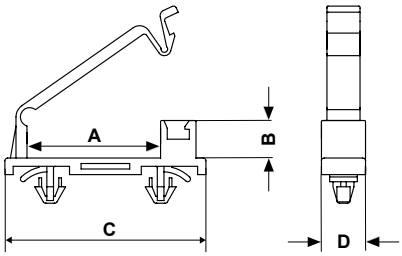
TYPE 3





TYPE 4

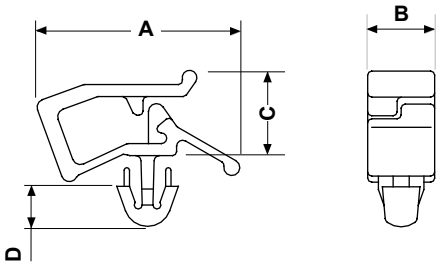




- **Material: PA 6.6** */ Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit /** *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **6110AA11: Farbe Grau** / *6110AA11: colour Gray*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
5723AA00	1	19,0	53,5	40,0	8,9	30,0	2 x Ø 4,0	0,8 - 2,2	100
5724AA00	1	19,0	45,5	32,0	8,9	25,0	2 x Ø 4,0	0,8 - 2,2	100
6381AA00	2	10,0	67,5	54,0	16,2	40,0	2 x Ø 4,0	2,0	100
6110AA11	3	18,8	44,3	31,2	9,4	-	1 x Ø 6,5	2,2	100
8080AA00	4	24,2	6,8	36,1	8,0	20,0	2 x Ø 4,0	0,8 - 2,0	100
12021AA00	4	24,2	9,8	36,1	8,0	20,0	2 x Ø 4,0	1,2 - 2,5	100

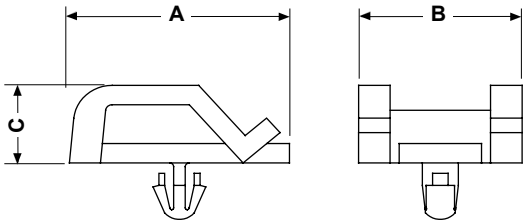




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10682AA00	20,3	5,0	8,5	3,0	Ø 3,5	0,5 - 1,6	1.000
10683AA00	15,2	5,0	6,4	3,0	Ø 3,5	0,5 - 1,6	1.000
5599AA00	13,5	5,0	5,0	3,0	Ø 3,5	0,5 - 1,6	1.000

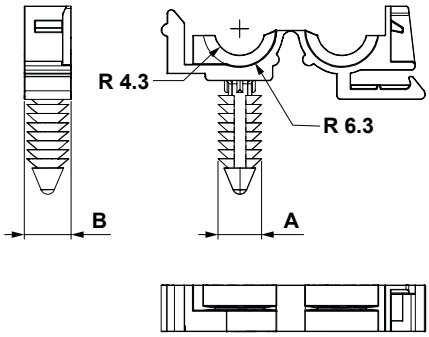




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10685AA00	17,0	12,7	6,5	Ø 3,0	1,6	1.000

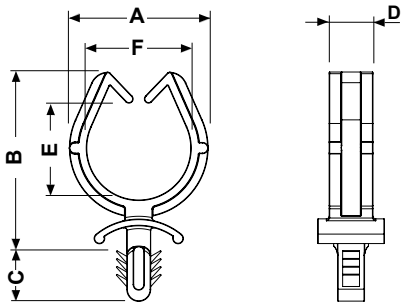




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Ø max. Kabel *Ø max. Cable*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
13139AA01	7,4	8,0	9,5	Ø 6,3	4,0 - 14,0	1.000

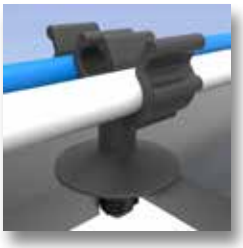


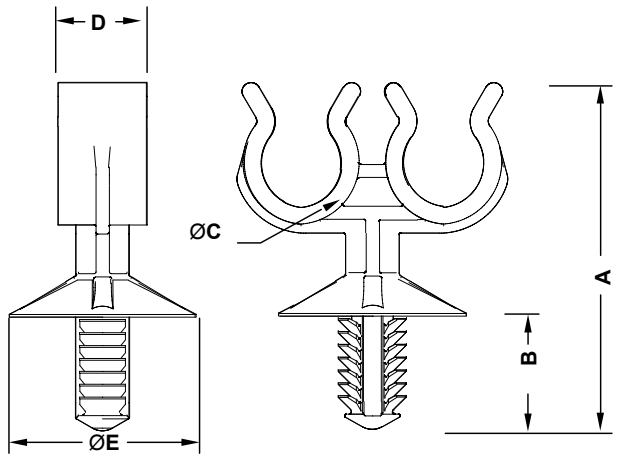


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur oder Schwarz** / *Colour: Natural or Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
4701AA01	24,7	31,8	9,0	7,8	17,5	18,0	Ø 6,5	0,8 - 6,0	2.500

KABELHALTER STECKBAR
CABLE HOLDER PUSH MOUNT



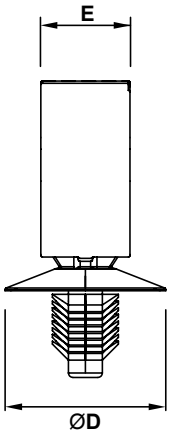


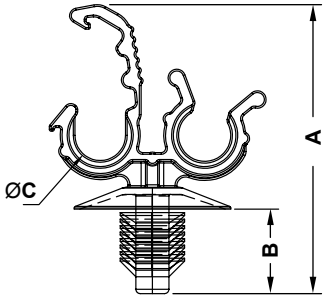
- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	Material *Material*	VPE-Stckz. *Moq-Pcs*
14987GA01	30,9	9,8	Ø 6,0 - 6,2	8,9	Ø 19,8	Ø 6,8 -7,0	1,2 - 3,0	POM	1.000

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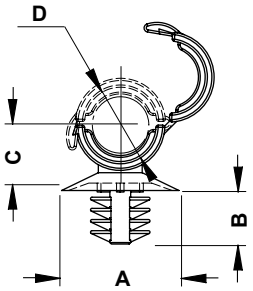




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
14988AA01	33,2	9,7	Ø 5,8	Ø 18,0	10,0	Ø 6,5 -6,7	1,0 - 2,5	1.000



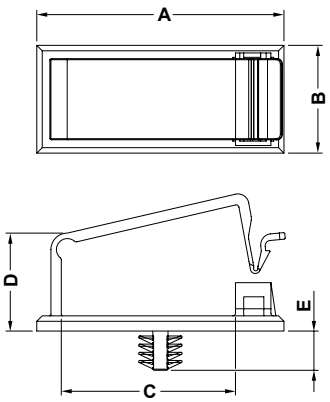


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10664AA01	15,8	7,2	6,3	5,5	Ø 6,5 - 7,0	0,8 - 3,0	1.000
10665AA01	15,5	7,2	7,7	8,0	Ø 6,5 - 7,0	0,8 - 3,0	1.000



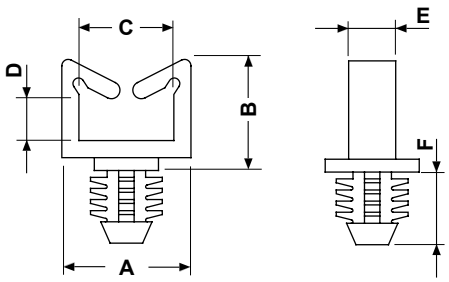




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12482AA00	45,4	19,8	31,8	18,0	7,2	Ø 6,5 - 7,0	0,8 - 3,0	500



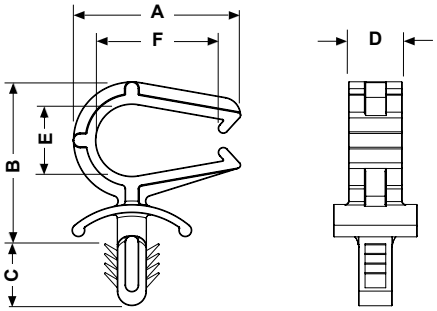


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *MOQ-Pcs*
10693AA00	15,1	13,0	11,1	5,0	5,5	8,5	Ø 7.9	6,4	1.000
10694AA00	15,5	18,3	11,1	10,2	5,5	8,5	Ø 7,9	6,4	1.000
10695AA00	15,1	35,0	11,1	27,2	5,5	8,5	Ø 7,9	6,4	1.000
10694AA01	15,5	18,3	11,1	10,9	5,6	8,5	Ø 7,9	6,4	1.000

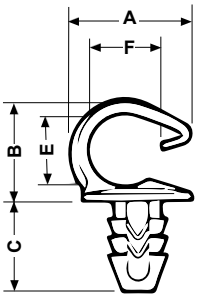
TYPE 1





TYPE 2



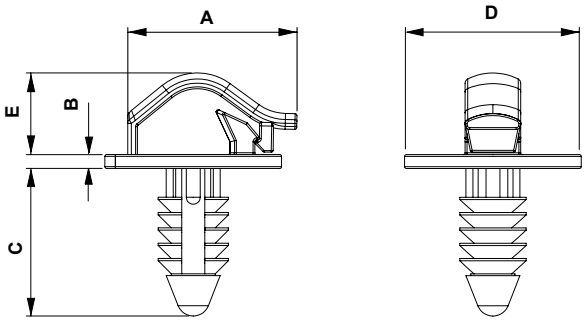


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4700AA01	1	24	23,5	9,0	7,8	10	15,5	Ø 6.5	0,8 - 6,0		2.500
5292AA01	2	17,0	14,0	12,6	-	10,0	10,0	Ø 6,5	2,5 - 7,5		1.000

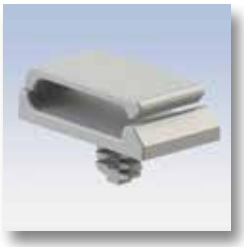


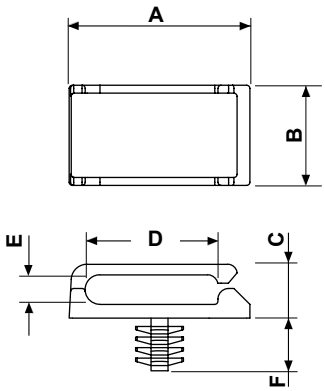




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
7149AA01	17,9	1,5	15,9	Ø 19,1	8,7	Ø 6,4	2,7 - 7,3	2.000

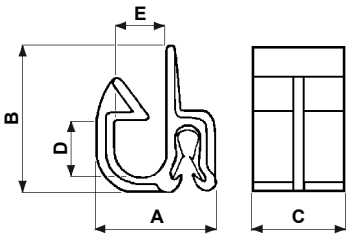


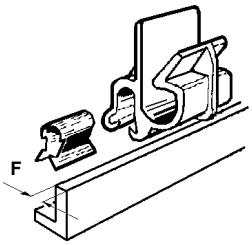


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10689AA00	17,0	9,5	5,1	12,5	2,8	5,0	Ø 4,0	0,5 - 4,0	1.000

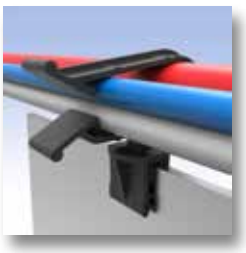


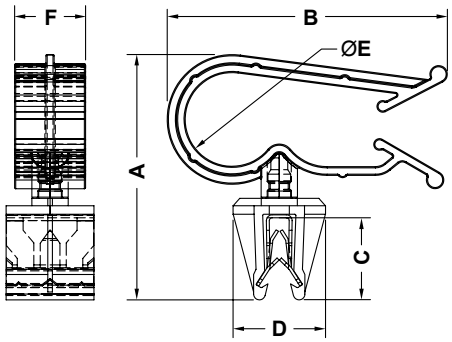




- **Halter: PA 6.6** / *Material: Nylon 6.6*
- **Metallclip: Federstahl verz.**/ *Metalclip:Spring steel zinc plated*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Zugkraft** / *Pull Force:* **150N**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
5486AA01	21,0	22,5	15,0	8,8	8,6	0,5 - 1,5		1.000





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Metallclip: Federstahl verz.**/ *Metalclip:Spring steel zinc plated*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Zugkraft** / *Holding force : 5N - 50N*
- **Alle Maße sind in mm** / *All dimensions are in mm*

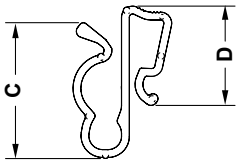
ARTIKEL *P/N*	A	B	C	D	E	F	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
14991AA01	42,2	48,2	14,1	15,9	Ø 16,0 - 16,2	12,2	1,5 - 2,0	1.000

KABELKLEMME FÜR WECHSELRICHTERKABEL
MICRO-INVERTER CABLE CLIP

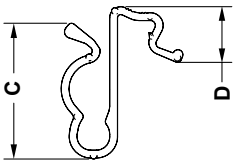




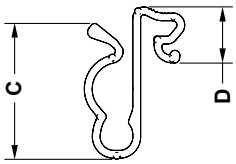
TYPE 1

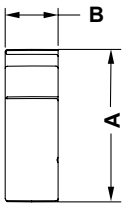


TYPE 2



TYPE 3

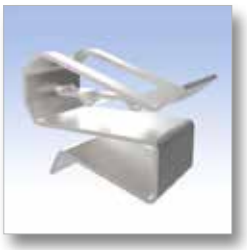


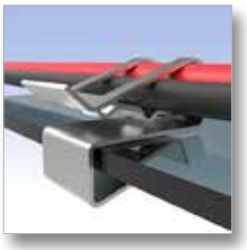


- **Material: PA 6.6** / *Material: PA 6.6 (UV stabilzed material)*
- **Temperaturbereich** / Working temperature**: -18°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

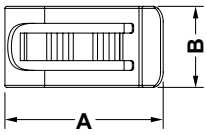
ARTIKEL *P/N*	TYPE	A	B	C	D	Stärke *Thickness*	Ø Kabel *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15845AF01	1	36,6	12,7	32,5	23,9	2,0 - 6,4	Ø 7,6 - 12,0		100
15846AF01	1	36,6	12,7	32,5	23,9	2,0 - 6,4	Ø 7,6 - 12,0		4.000
15847AF01	2	36,6	12,7	32,5	14,2	9,7 - 9,7	Ø 7,6 - 12,0		100
15848AF01	2	36,6	12,7	32,5	14,2	9,7 - 9,7	Ø 7,6 - 12,0		4.000
15849AF01	3	36,6	12,7	32,5	13,5	6,4 - 6,4	Ø 7,6 - 12,0		100
15850AF01	3	36,6	12,7	32,5	13,5	6,4 - 6,4	Ø 7,6 - 12,0		4.000

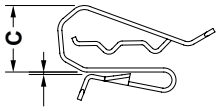
EDELSTAHL KABELKLEMME
STAINLESS STEEL CABLE CLIP





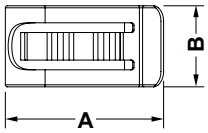
TYPE 1

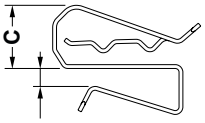




Plattenstärke
Panel thickness

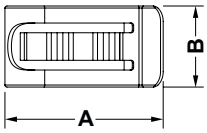
TYPE 2

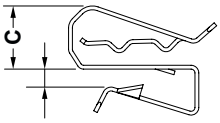




Stärke Glasplatten
Glass panel thickness

TYPE 3



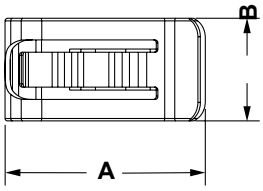


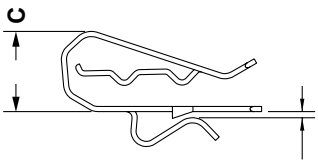
Stärke Rahmen
Panel thickness

- **Material: siehe Tabelle** / *Material: See Table*
- **Temperaturbereich** / *Temperature Range:* **-40°C - 300°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A x B	C	Ø Kabel (jedes) *Ø Cable (each cable)*	Stärke *Thickness*	Material *Material*	VPE-Stckz. *Moq-Pcs*
15745MD90	1	24,6 x 12,7	9,9	5,1 / 8,3	1,4 - 2,3	1.4307	100
15746MD90	1	24,6 x 12,7	9,9	5,1 / 8,3	1,4 - 2,3	1.4307	4.000
15751MD90	1	24,6 x 12,7	9,9	5,1 / 8,3	1,4 - 2,3	1.4401	100
15752MD90	1	24,6 x 12,7	9,9	5,1 / 8,3	1,4 - 2,3	1.4401	4.000
15747MD90	2	25,1 x 13,2	11,4	5,1 / 8,3	3,2 - 6,4	1.4307	100
15748MD90	2	25,1 x 13,2	11,4	5,1 / 8,3	3,2 - 6,4	1.4307	4.000
15749MD90	3	24,6 x 12,7	10,4	5,1 / 8,3	2,3 - 6,4	1.4307	100
15750MD90	3	24,6 x 12,7	10,4	5,1 / 8,3	2,3 - 6,4	1.4307	4.000





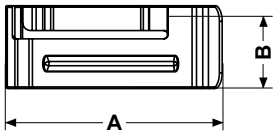


Plattenstärke
Panel thickness

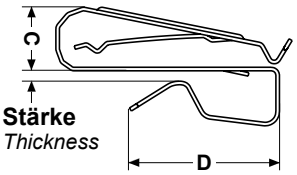
- **Material: Edelstahl 1.4307** / *Material: Stainless steel 1.4307*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A x B	B	Stärke *Thickness*	Ø Kabel (jedes) *Ø Cable (each cable)*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15851MD90	25,4 x 12,7	9,9	1,4 - 3,2	5,1 - 8,3		100
15852MD90	25,4 x 12,7	9,9	1,4 - 3,2	5,1 - 8,3		4.000

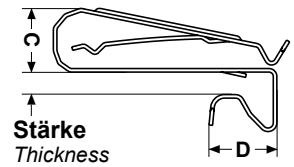




TYPE 1



TYPE 2

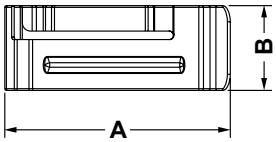


■ **Material: Edelstahl 1.4006** / *Material: Stainless steel 1.4006*

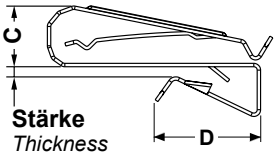
■ **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Type	A x B	C	D	Stärke *Thickness*	Drahtkapazität *Wire capacity*	VPE-Stckz. *Moq-Pcs*
15831MD90	1	34,0 x 12,7	9,1	21,3	2,0 - 6,4	6,4 x 25,4	100
15832MD90	1	34,0 x 12,7	9,1	21,3	2,0 - 6,4	6,4 x 25,4	4.000
15833MD90	2	34,0 x 12,7	9,1	9,7	6,4 - 6,4	6,4 x 25,4	100
15834MD90	2	34,0 x 12,7	9,1	9,7	6,4 - 6,4	6,4 x 25,4	4.000

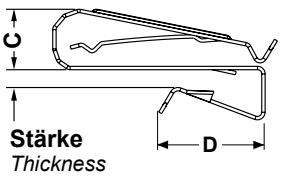




TYPE 1



TYPE 2

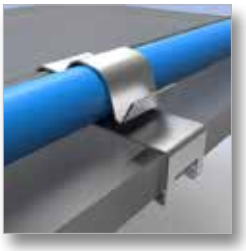


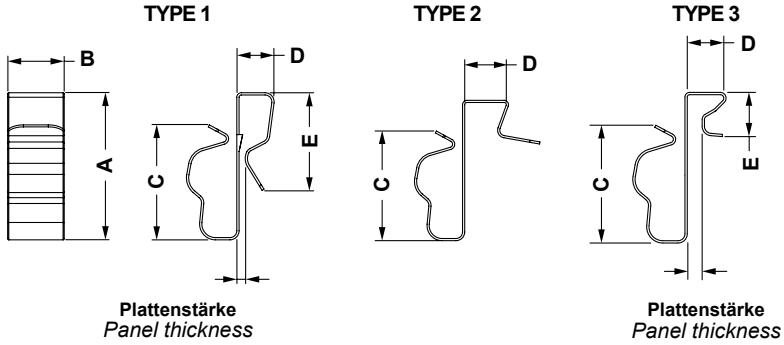
■ **Material: Edelstahl 1.4006** / *Material: Stainless steel 1.4006*

■ **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Type	A x B	C	D	Stärke *Thickness*	Ø Kabel (jedes) *Ø Cable (each cable)*	VPE-Stckz. *Moq-Pcs*
15841MD90	1	33,8 x 12,7	9,1	15,8	1,4 - 3,2	5,1 - 7,6	100
15842MD90	1	33,8 x 12,7	9,1	15,8	1,4 - 3,2	5,1 - 7,6	4.000
15843MD90	2	33,8 x 12,7	9,1	15,8	3,2 - 6,4	5,1 - 7,6	100
15844MD90	2	33,8 x 12,7	9,1	15,8	3,2 - 6,4	5,1 - 7,6	4.000

KABELKLEMME FÜR MIKRO-WECHSELRICHTERKABEL
MICRO-INVERTER CABLE CLIP



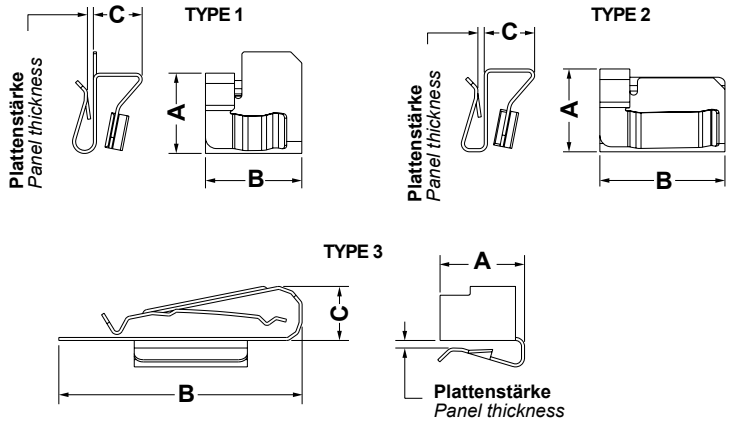


- **Material: Edelstahl 1.4006** / *Material: Stainless steel 1.4006*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Type	A	B	C	D	E	Ø Kabel *Ø Cable*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
15853MD90	1	33,0	12,7	25,9	8,4	21,3	7,6 - 12,0	2,0 - 6,4	100
15854MD90	1	33,0	12,7	25,9	8,4	21,3	7,6 - 12,0	2,0 - 6,4	4.000
15770MD90	2	33,0	12,7	25,9	9,9	-	7,6 - 12,0	9,7 - 9,7	100
15855MD90	2	33,0	12,7	25,9	9,9	-	7,6 - 12,0	9,7 - 9,7	4.000
15856MD90	3	33,0	12,7	25,9	8,1	9,7	7,6 - 12,0	6,4 - 6,4	100
15857MD90	3	33,0	12,7	25,9	8,1	9,7	7,6 - 12,0	6,4 - 6,4	4.000

EDELSTAHL 90° VERDRAHTUNGSCLIP
STAINLESS STEEL 90° CABLE CLIP





Material: Edenstahl / *Material: Stainless steel*

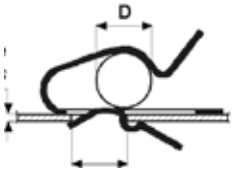
Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	Type	A x B	C	Stärke *Thickness*	Ø Kabel (jedes) *Ø Cable (each cable)*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15835MD90	1	20,8 x 19,8	9,9	1,4 - 3,2	5,1 - 8,3	Steel 304	100
15836MD90	1	20,8 x 19,8	9,9	1,4 - 3,2	5,1 - 8,3	Steel 304	4.000
15837MD90	2	16,5 x 24,9	9,9	0,8 - 3,2	5,1 - 8,3	Steel 304	100
15838MD90	2	16,5 x 24,9	9,9	0,8 - 3,2	5,1 - 8,3	Steel 304	4.000
15839MD90	3	14,2 x 41,4	9,1	1,4 - 3,2	5,1 - 7,6	Steel 410	100
15840MD90	3	14,2 x 41,4	9,1	1,4 - 3,2	5,1 - 7,6	Steel 410	4.000

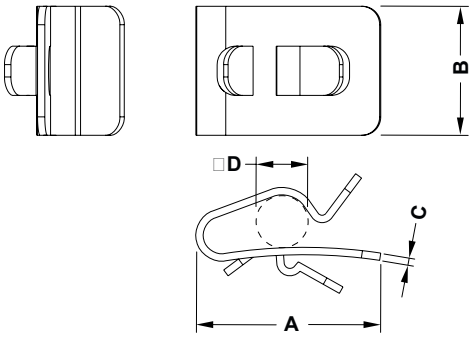




STÄRKE /
THICKNESS

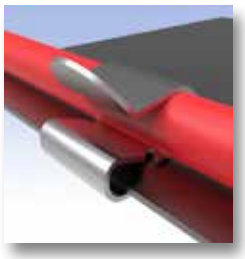


BOHRUNG
HOLE

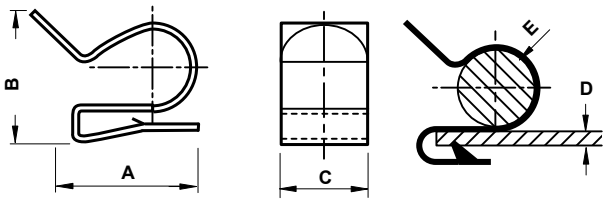


- **Material: Federstahl** / *Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4405MC94	25,5	14,0	0,5	3,0	8,0	0,8 - 1,1		5.000
0906MC94	20,0	14,0	0,5	3,0 - 4,0	8,0	0,8 - 1,2		5.000
4407MC94	25,5	14,0	0,5	4,0	8,0	0,8 - 1,1		5.000
4408MC94	20,0	14,0	0,5	4,8 - 5,5	8,0	0,8 - 1,1		5.000
4409MC94	20,0	14,0	0,5	5,0	8,0	0,9 - 1,2		5.000
0911MC94	20,0	14,0	0,5	5,0 - 6,0	8,0	0,8 - 1,2		5.000
4410MC94	20,0	14,0	0,5	7,0	8,0	1,3 - 1,6		5.000





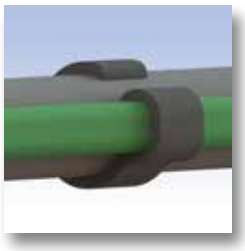


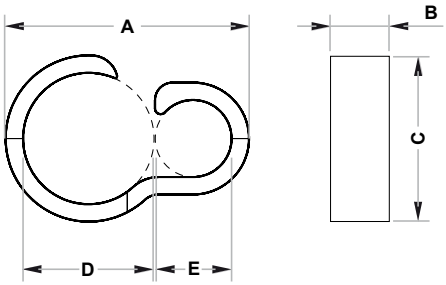
- **Material: Fedestahl** / *Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
2675MC94	15,7	17,0	14,0	2,0 - 4,0	**6,0 - 7,0**		1.000
2676MC94	15,0	17,8	14,0	2,0 - 4,0	**8,0 - 9,0**		1.000
2677MC94	16,0	20,0	14,0	2,0 - 4,0	**10,0 - 11,0**		1.000
2678MC94	17,0	21,0	14,0	2,0 - 4,0	**12,0 - 14,0**		1.000
2679MC94	20,0	24,0	14,0	2,0 - 4,0	**15,0 - 18,0**		1.000
2680MC94	23,5	26,0	14,0	2,0 - 4,0	**19,0 - 24,0**		1.000
2681MC94	31,0	35,0	14,0	2,0 - 4,0	**25,0 - 32,0**		1.000

TYPE 1



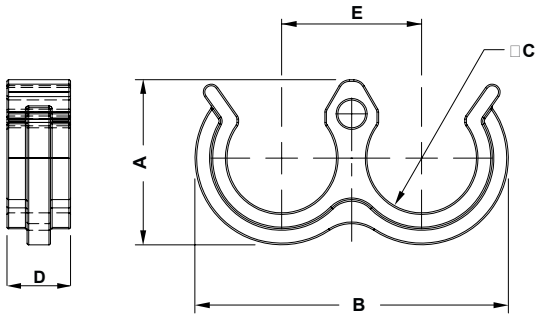




TYPE 2





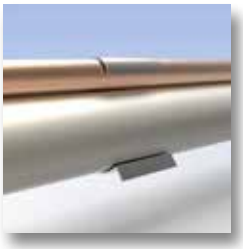


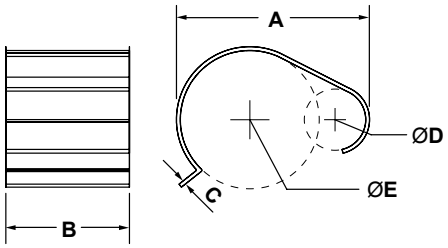
- **Material: siehe Tabelle**/ *Material: See Table*
- **Temperaturbereich** / *Working temperature:***-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur oder Schwarz** / *Colour: Natural or Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Materiale *Material*	VPE-Stckz. *Moq-Pcs*
3287AB01	1	13,5	8,0	9,5	7,0	6,0X4,0	PA 6.6 20% CV	1.000
3288AB01	1	15,5	8,0	11,5	9,0	6,0X4,0	PA 6.6 20% CV	1.000
3289AB01	1	19,0	9,0	15,0	12,0	6,0X4,0	PA 6.6 20% CV	1.000
3290BB01	1	22,0	9,0	18,2	15,0	6,0X4,0	PA 6.6 25% CV	1.000
3291BB01	1	25,0	10,0	21,6	18,0	6,0X4,0	PA 6.6 25% CV	1.000
1081AA01	1	19,0	8,0	11,5	9,0	Ø 7,0	PA 6.6	1.000
1082AA01	1	22,5	8,0	15,0	12,0	Ø 7,0	PA 6.6	1.000
1083AA01	1	25,5	8,0	18,0	15,0	Ø 7,0	PA 6.6	1.000
4703AA01	2	10,5	18,8	Ø 6,3	8,5	8,5	PA 6.6	2.500
14981AA01	2	24,1	45,5	16,6	11,8	21,1	PA 6.6	1.000
14982AA01	2	20,8	39,5	13,8	8,0	17,6	PA 6.6	1.000

KLEMMHALTERUNG METALL
SPRINGS CLAMPS METAL



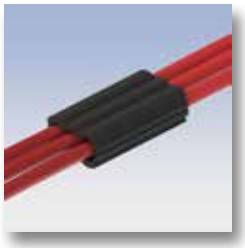




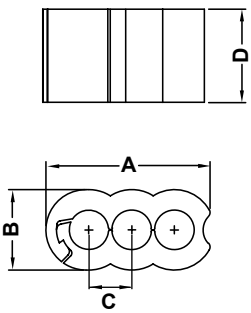
- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12429MC94	23,2	16,0	0,5	8,0	18,0		5.000
12428MC94	27,0	15,0	0,5	6,0 - 8,0	20,0		5.000

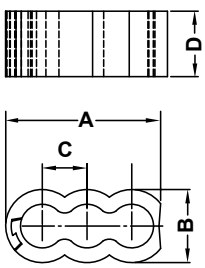
LWL KABELFÜHRUNG
CABLE HOLDER



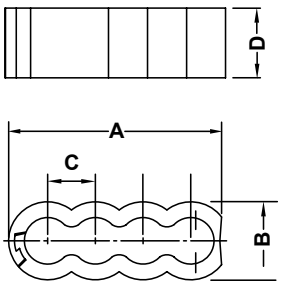
TYPE 1



TYPE 2



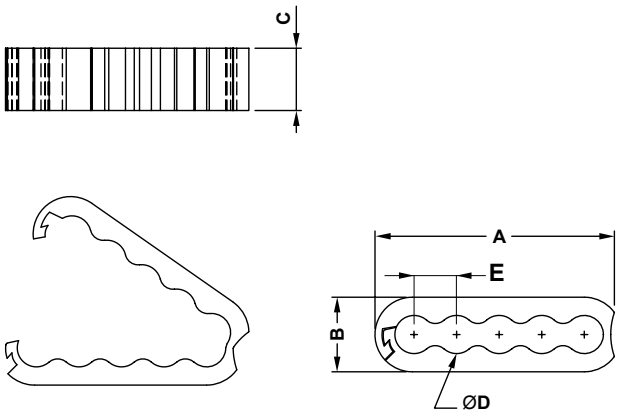
TYPE 3



- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

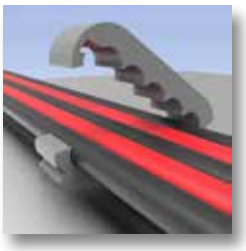
ARTIKEL *P/N*	TYPE	A	B	C	D	Kabeldurchmesser *Cable diameter*	VPE-Stckz. *Moq-Pcs*
11344AA01	1	8,8	4,3	2,0 (x2)	5,0	Ø 2,0 (x3)	1.000
11345AA01	2	14,2	6,9	4,1 (x2)	6,0	Ø 4,0 (x3)	1.000
11346AA01	3	18,3	6,9	4,1 (x3)	6,0	Ø 4,0 (x4)	1.000

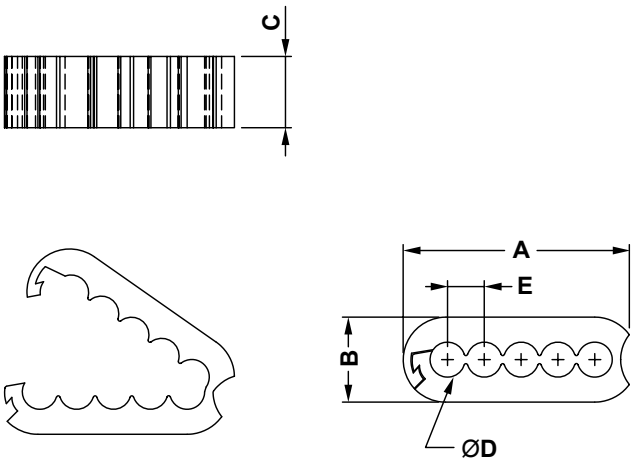




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12878AR11	23,1	7,5	6,0	Ø 3,7 (X5)	4,1 (X4)		1.000

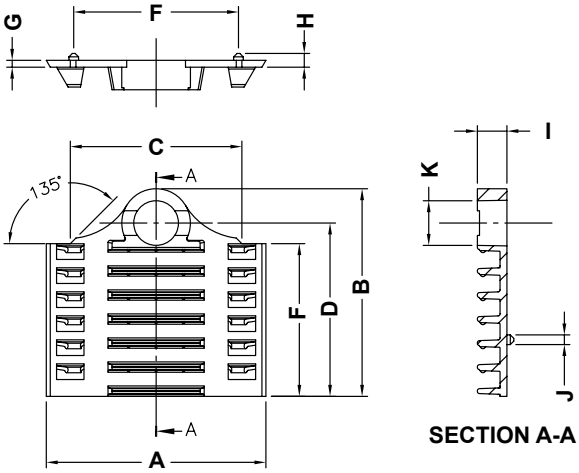




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*

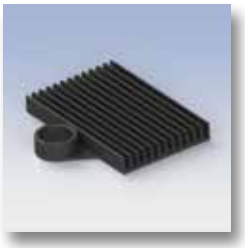
ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12877AR11	19,0	7,5	6,0	Ø 3,0(X5)	3,1 (X4)		1.000

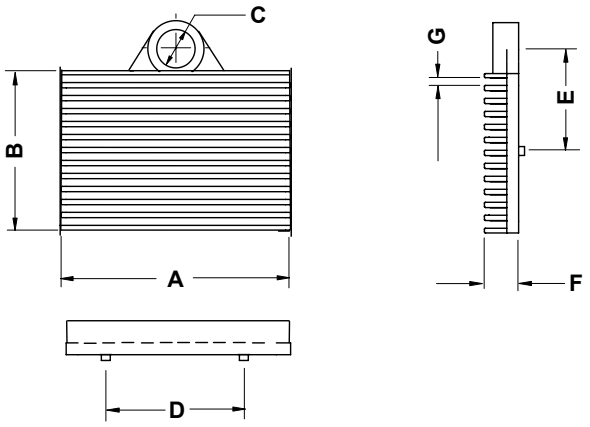




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	VPE-Stckz. *Moq-Pcs*
8071AA01	32,0	30,2	25,0	25,2	22,2	24,0	1,0	2,0	4,3	Ø 1,4(x2)	Ø 6,5	500



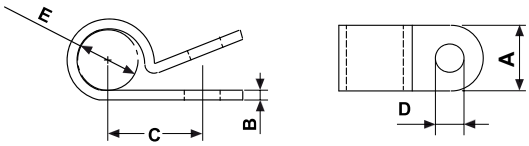


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	VPE-Stckz. *Moq-Pcs*
8259AA01	32,3	21,4	Ø 6,5	24,0	17,0	3,8	1,1 (x12)	500

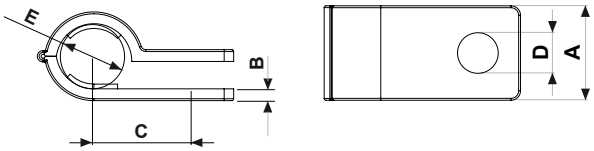
TYPE 1





TYPE 2



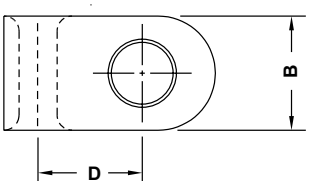


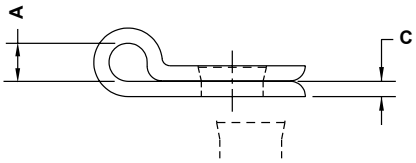
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **E = Max. Kabeldurchmesser geschlossen** / *Max. closed cable diam.*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6569AA00	1	9,5	1,2	12,0	3,2	Ø **8,3**		1.000
6568AA00	1	9,9	0,9	8,5	4,4	Ø **3,0**		1.000
6571AA00	1	9,9	0,8	7,8	4,4	Ø **4,5**		1.000
8282AA00	1	10,0	1,0	9,5	4,2	Ø **5,0**		1.000
6570AA00	1	9,6	1,1	12,1	4,4	Ø **5,6**		1.000
6572AA00	1	10,0	1,2	9,9	4,3	Ø **6,5**		1.000
6566AA00	1	9,5	1,3	12,4	4,8	Ø **9,0**		1.000
4734AA00	1	9,1	1,2	8,2	5,5	Ø **3,3**		1.000
4735AA00	1	9,1	1,3	9,6	5,5	Ø **4,7**		1.000
4736AA00	1	9,1	1,3	10,3	5,5	Ø **6,4**		1.000
4737AA00	1	9,1	1,3	10,6	5,5	Ø **7,6**		1.000
4738AA00	1	9,1	1,3	11,9	5,5	Ø **9,2**		1.000
4739AA00	1	12,8	1,5	14.1	5,4	Ø **12,2**		1.000
4740AA00	1	12,9	1,5	16,0	5,4	Ø **12,8**		1.000
4741AA00	1	12,7	1,5	19,8	5,3	Ø **15,4**		1.000
4742AA00	1	12,7	1,5	21,4	5,3	Ø **17,8**		1.000
4743AA00	1	12,7	1,5	24,6	5,3	Ø **21,3**		1.000
6567AA00	1	12,9	1,6	23,5	5,4	Ø **24,0 - 27,0**	**2 Bohrungen** / *Two holes*	1.000
0356AA00	2	10,0	1,2	10,0	4,4	Ø **6,5**		2.500









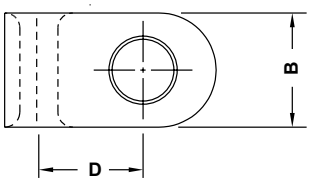
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-0°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Auf Anfrage in Schwarzer Farbe erhältlich/** *Available in Black colour on special request*

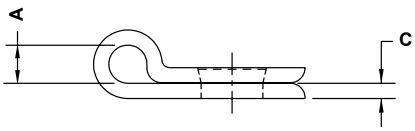
ARTIKEL *P/N*	A	B	C	D	Bohrung *Mounting hole*	Schraube *Screw*	VPE-Stckz. *Moq-Pcs*
12485AA00	3,2	9,7	1,3	9,1	Ø 4,3	M4	2.000
12486AA00	4,7	9,7	1,3	9,9	Ø 4,3	M4	2.000
12487AA00	6,3	9,7	1,3	10,7	Ø 4,3	M4	2.000
12488AA00	7,9	9,7	1,3	11,7	Ø 4,3	M4	2.000
12489AA00	9,5	9,7	1,3	12,4	Ø 4,3	M4	2.000
12490AA00	11,1	9,7	1,3	13,5	Ø 4,3	M4	2.000
12491AA00	12,7	9,7	1,3	14,0	Ø 4,3	M4	2.000
12492AA00	3,2	9,7	1,3	8,6	Ø 5,2	M5	2.000
12493AA00	4,7	9,7	1,3	9,7	Ø 5,2	M5	2.000
12494AA00	6,3	9,7	1,3	10,4	Ø 5,2	M5	2.000
12495AA00	7,9	9,7	1,3	11,2	Ø 5,2	M5	2.000
12496AA00	9,5	9,7	1,3	12,2	Ø 5,2	M5	2.000
12497AA00	11,1	9,7	1,3	13,0	Ø 5,2	max. M5	2.000
12498AA00	12,7	9,7	1,3	13,5	Ø 5,2	max. M5	2.000

Um das Produkt in Schwarz zu bestellen, ersetzen Sie “AA00” durch “AA01”/
To order the product in Black replace “AA00” with “AA01”







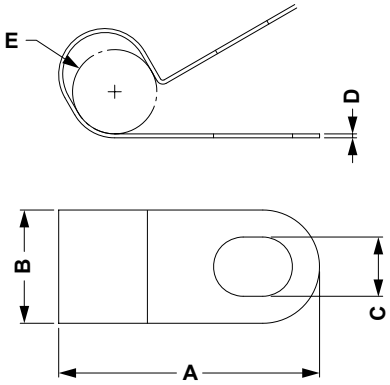


- **Material: PA 6.6 Natur** / *Material: Nylon 6.6 Natural*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Auf Anfrage in Schwarzer Farbe erhältlich/** *Available in Black colour on special request*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Mounting hole*	Schraube *Screw*	VPE-Stckz. *Moq-Pcs*
12600AA00	3,2	12,7	1,5	9,4	Ø 5,2	M5	2.000
12601AA00	4,7	12,7	1,5	10,4	Ø 5,2	M5	2.000
12602AA00	6,3	12,7	1,5	11,2	Ø 5,2	M5	2.000
12603AA00	7,9	12,7	1,5	12,2	Ø 5,2	M5	2.000
12600AA00	9,5	12,7	1,5	13,0	Ø 5,2	M5	2.000
12605AA00	11,1	12,7	1,5	13,7	Ø 5,2	M5	2.000
12606AA00	12,7	12,7	1,5	14,7	Ø 5,2	M5	2.000
12607AA00	14,3	12,7	1,5	15,5	Ø 5,2	M5	2.000
12608AA00	15,9	12,7	1,5	16,5	Ø 5,2	M5	2.000
12609AA00	17,4	12,7	1,5	17,3	Ø 5,2	M5	2.000
12610AA00	19,1	12,7	1,5	18,0	Ø 5,2	M5	2.000
12611AA00	20,6	12,7	1,5	19,1	Ø 5,2	M5	2.000
12612AA00	22,2	12,7	1,5	19,8	Ø 5,2	M5	2.000
12613AA00	25,4	12,7	1,5	21,6	Ø 5,2	M5	2.000
12613AA00	28,6	12,7	1,5	23,4	Ø 5,2	M5	2.000
12614AA00	30,1	12,7	1,5	24,1	Ø 5,2	M5	2.000
12616AA00	31,8	12,7	1,5	25,1	Ø 5,2	M5	2.000
12617AA00	34,9	12,7	1,5	26,7	Ø 5,2	M5	2.000
12618AA00	38,1	12,7	1,5	28,4	Ø 5,2	M5	2.000

EDELSTAHL KABELSCHELLE
STEEL WIRE AND PIPE CLIPS





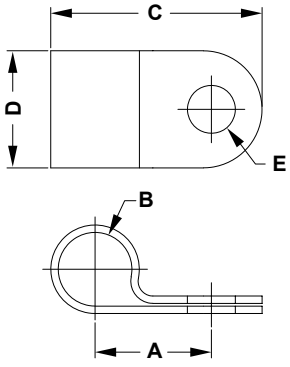
Material: SUS / *Material: SUS*

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15093MD90	17,6	8,6	4,5	0,3	Ø 3,0		1.000
15094MD90	17,6	8,6	4,5	0,3	Ø 4,0		1.000
15095MD90	18,7	8,6	4,5	0,3	Ø 4,8		1.000
15096MD90	18,5	8,6	Ø 3,6	0,3	Ø 5,4		1.000
15097MD90	19,8	8,6	4,5	0,3	Ø 6,4		1.000
15098MD90	20,6	8,6	4,5	0,3	Ø 8,0		1.000
15099MD90	20,6	8,6	4,5	0,3	Ø 9,0		1.000

ALUMINIUM KABELSCHELLE
ALLUMINIUM WIRE AND PIPE CLIPS



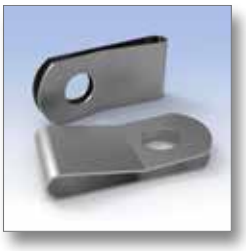


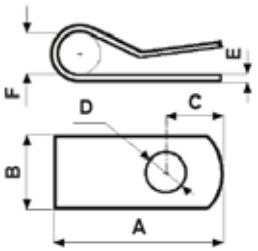
Material: Alluminium / *Material: Aluminium*

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18174AL90	12,6	Ø 8,0	22,9	12,7	Ø 5,2		1.000

KABELKLEMME
WIRE AND PIPE CLIPS



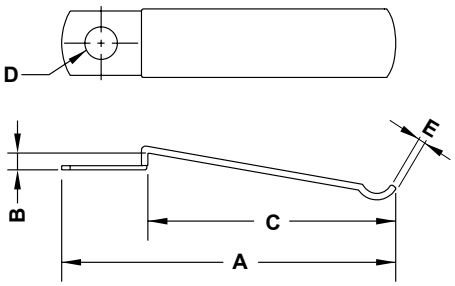


- **Material: Federstahl** / *Spring Steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4397MC94	21,8	10,0	6,5	5,0	0,35	**3,0**	auf Anfrage / on request	5.000
4399MC94	21,0	10,0	7,0	5,0	0,3	**6,0**		5.000

KABELKLEMMHALTER AUS EDELSTAHL MIT VINYLBESCHICHTUNG
VINYL COATED STAINLESS STEEL PIPE SPRING



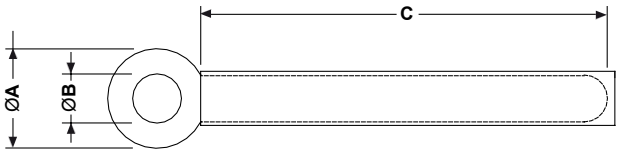


- **Material: Edelstahl** / *Material: Stainless steel*
- **Beschichtung: PVC** / *Coating: PVC*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15858MD90PS	40,9	2,3	30,2	4,0	0,5		1.000
15859MD90PS	66,8	2,3	56,9	4,0	0,5		1.000

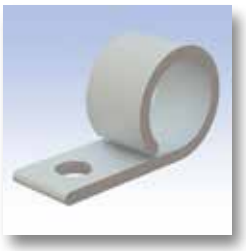
KABELHALTER STAHLBAND PVC-BESCHICHTET
ADJUSTABLE STEEL CLAMP WITH PVC COATING



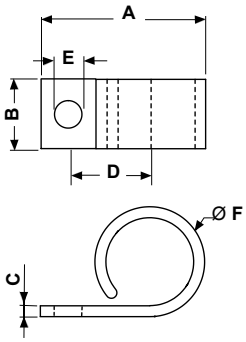


- **Material: Stahlblech /** Material: Steel.
- **Material Kunststoffbeschichtung: PVC /** *Plastic material cover: PVC.*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +90°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Überzug Farbe: Schwarz /** *Cover Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

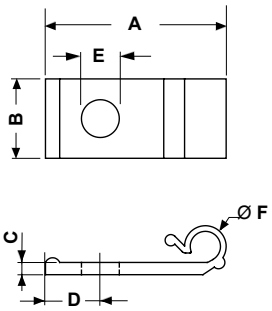
ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6655MC90PS	7,5	3,3	32,0		1.000
6656MC90PS	7,5	3,3	52,0		1.000
6657MC90PS	8,0	3,6	62,0		1.000
6658MC90PS	8,5	4,2	35,0		1.000
6659MC90PS	8,0	4,1	52,0		1.000
6660MC90PS	7,5	4,2	74,5		1.000
6661MC90PS	8,0	4,1	78,5		500
6662MC90PS	8,4	5,1	60,0		500
6663MC90PS	10,0	6,0	78,0		500



TYPE 1



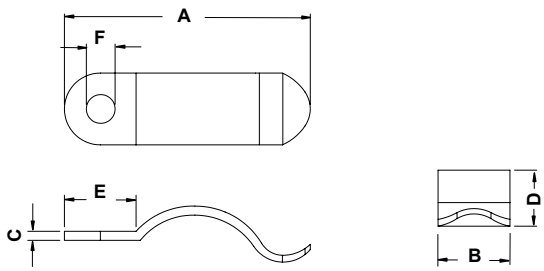
TYPE 2



- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	max. F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6414AA00	1	21,2	10,3	1,5	10,3	Ø 5,2	Ø **6,0**		500
5498AA00	1	35,0	10,2	1,3	9,0	Ø 5,2	Ø **9,2**		1.000
6397AA00	1	29,5	10,2	1,8	12,5	Ø 5,0	Ø **12,7**		500
5499AA00	1	30,0	12,7	2,0	17,0	Ø 5,0	Ø **16,0**		1.000
18308AA00	1	32,5	12,7	2,0	-	Ø 5,18	Ø **19,1**		500
6518AA00	1	39,8	12,6	2,2	-	Ø 5,1	Ø **26,0**		1.000
12262AA00	1	53,5	12,6	2,5	-	Ø 5,0	Ø **36,9**		100
6517AA00	2	19,1	8,4	1,3	5,8	Ø 4,0	Ø **3,2**		1.000



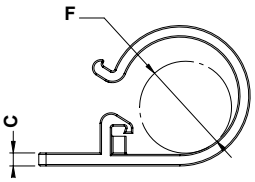


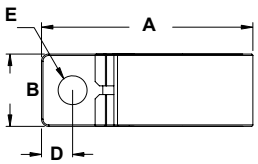
- **Material: POM** / *Material: POM*
- **Farbe: Schwarz oder Weiß** / *Colour: Black or White*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +90°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **G = Max. Kabeldurchmesser** / *Max. cable diam.*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6779GA01	32,5	9,5	1,2	7,4	9,5	Ø 3,8	**max Ø 9,5**		1000

Artikel in der Farbe Weiß, bitte Bestellbezeichung GA02 anstatt GA01 verwenden / *To order the product in White replace "GA01" with "GA02"*

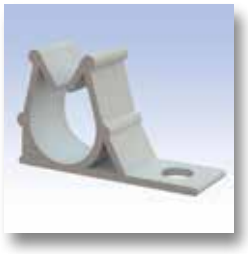


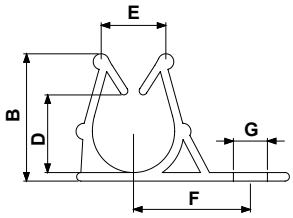




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6890AA00	21,0	10,0	1,2	6,0	Ø 4,0	**5,5**		1.000
6891AA00	29,2	10,0	1,8	4,3	Ø 4,0	**12,7**		500
6892AA00	39,6	12,7	2,0	4,2	Ø 4,0	**17,8**		200
6893AA00	50,0	12,7	2,2	4,3	Ø 4,0	**29,5**		200



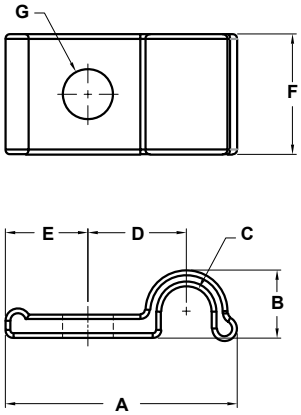




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	VPE-Stckz. *Moq-Pcs*
0169AA00	38,0	22,5	12,0	14,5	14,5	20,0	5,8	2.500

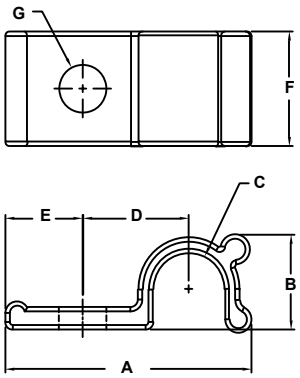




- **Material: PA 6.6** */ Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18571AA00	15,0	4,3	Ø 3,2	6,2	5,2	**7,6**	Ø 3,2		1.000

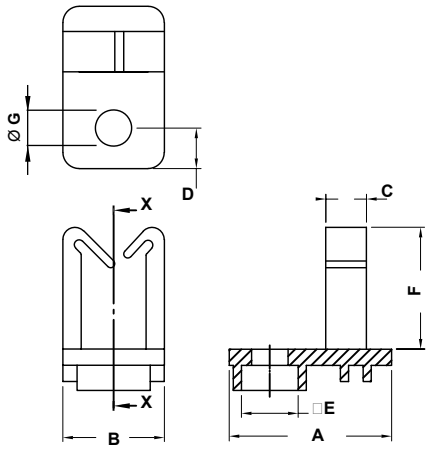




- **Material: PA 6.6** */ Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18572AA00	16,5	6,1	Ø 4,8	7,1	5,2	**7,6**	Ø 3,2		1.000

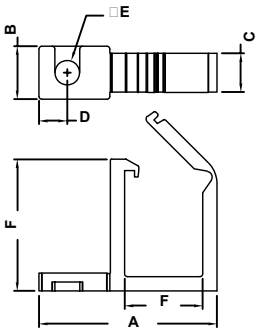




- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit:** / UL *Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18241AA00	20,0	12,5	5,0	5,0	Ø 7,0	Ø 15,0	Ø 4,5		100

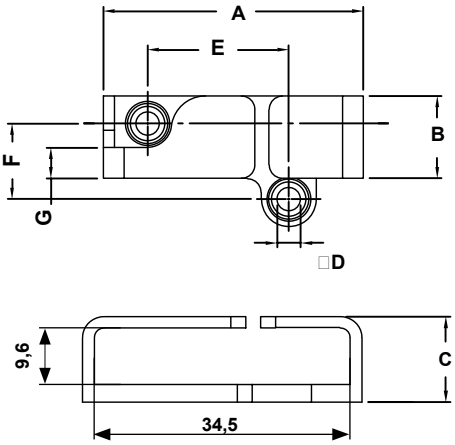




- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit: siehe Tabelle** / UL *Flammability: see Table*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18242AR00	25,0	7,5	5,5	4,0	Ø 3,5	Ø 18,5	UL94V-0	1.000
18243AA00	25,0	7,5	5,5	4,0	Ø 3,5	Ø 18,5	UL94V-2	100





- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit:** / UL *Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

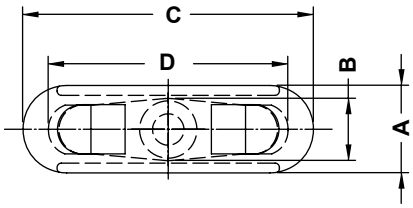
ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Note*	VPE-Stckz. *Moq-Pcs*
18244AA00	37,7	12,0	12,1	3,4	20,5	11,0	4,5		1.000

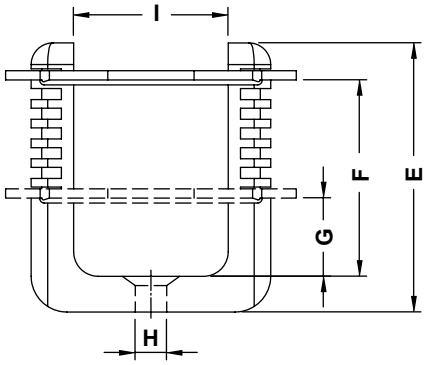










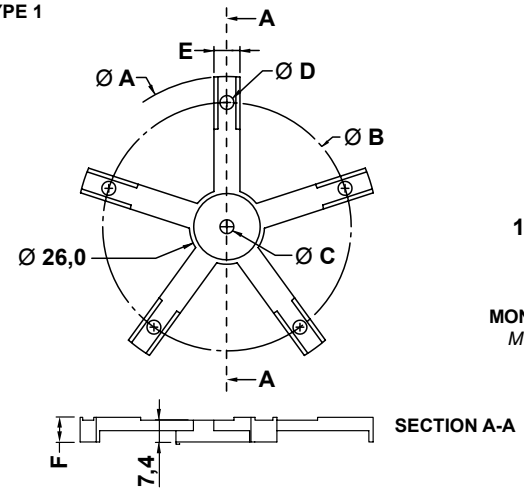


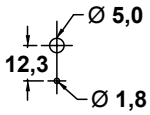
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL P/N	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
10962AA00	14,2	10,1	47,2	38,9	43,7	31,9	12,7	Ø 5,1	25,1	100
10963AA00	17,8	11,2	62,7	55,2	56,6	41,7	15,9	Ø 5,1	37,0	100



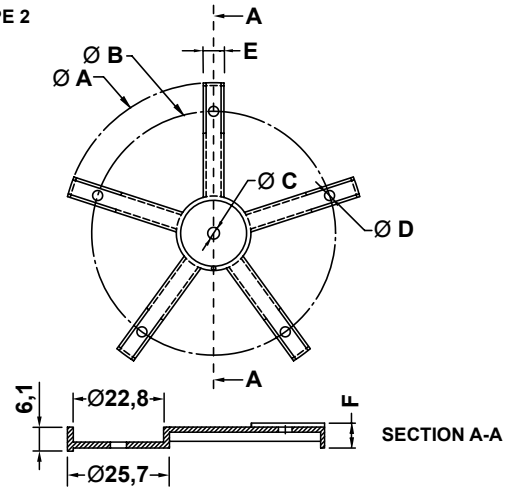
TYPE 1

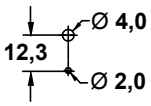




MONTAGE BOHRUNG
MOUNTING HOLE

TYPE 2

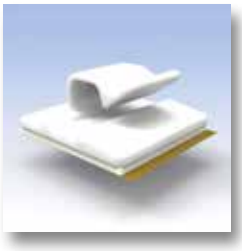


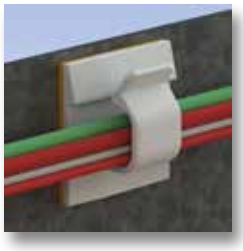


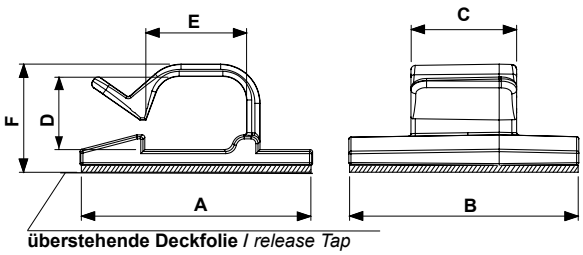
MONTAGE BOHRUNG
MOUNTING HOLE

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11342AA00	1	104,0	86,0	4,8	4,8 (x5)	9,0	8,4		50
11343AA00	2	105,0	85,0	4,1	3,5 (x5)	7,2	6,3		50





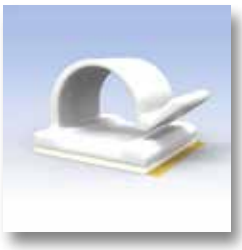


überstehende Deckfolie / *release Tap*
Standard Klebeband / standard tape

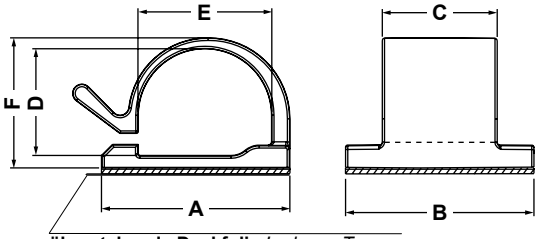
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Farbe: Natur = ...AA00AS** / *Colour: Natural = ...AA00AS*
- **Farbe: Schwarz = ...AA01AS** / *Colour: Natural = ...AA01AS*
- **Klebeband: siehe Tabelle** / *Adhesive: see table*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Temperaturbereich** / *Working temperature:*
  - **PA 6.6: -35°C ~ +85°C**
  - **Standard Klebeband** / *Standard adhesive:* **-25°C ~ +70°C**
  - **Acryl-Klebeband** / *Acrylic adhesive:* **-30°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Klebeband *Adhesive*	VPE-Stckz. *Moq-Pcs*
0038AA00AS	19,20	18,40	9,80	5,2	5,6	8,0	**Standard-Klebeband** Standard adhesive	1.000
0038AA00CS	19,20	18,40	9,80	5,2	5,6	8,0	**Acryl-Klebeband** Acrylic adhesive	1.000
0039AA00AS	26,5	26,5	12,1	8,0	11,5	12,4	**Standard-Klebeband** / Standard adhesive	1.000
0039AA00CS	26,5	26,5	12,1	8,0	11,5	12,4	**Acryl-Klebeband** Acrylic adhesive	1.000







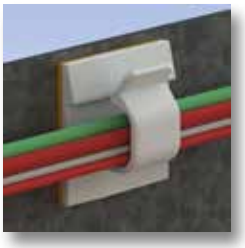
überstehende Deckfolie / *release Tap*
Standard Klebeband / standard tape

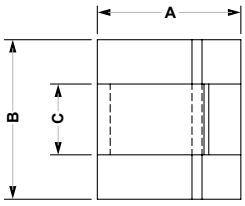
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Farbe: Natur = ...AA00AS** / *Colour: Natural = ...AA00AS*
- **Farbe: Schwarz = ...AA01AS** / *Colour: Natural = ...AA01AS*
- **Klebeband: siehe Tabelle** / *Adhesive: see table*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

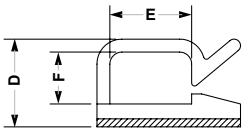
- **Temperaturbereich** / *Working temperature:*
  - **PA 6.6: -35°C ~ +85°C**
  - **Standard Klebeband** / *Standard adhesive:* **-25°C ~ +70°C**
  - **Acryl-Klebeband** / *Acrylic adhesive:* **-30°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Klebeband *Adhesive*	VPE-Stckz. *Moq-Pcs*
0041AA00AS	25,7	25,7	16,0	15,0	18,0	18,5	**Standard-Klebeband** / Standard adhesive	1.000
0041AA00CS	25,7	25,7	16,0	15,0	18,0	18,5	**Acryl-Klebeband** / Acrylic adhesive	1.000

KABELHALTER SELBSTKLEBEND
SELF-ADHESIVE WIRE CLIPS







KLEBEBAND / *ADHESIVE THICKNESS*: **1.1 mm**

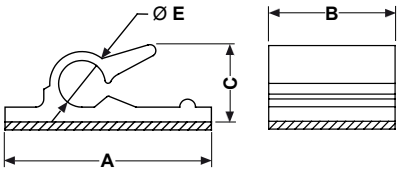
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature: **-20°C ~ +80°C**
- **3M Klebeband** / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

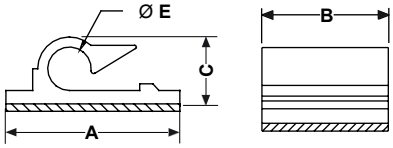
ARTIKEL *P/N*	A	B	C	D	E	F	Klebeband *Adhesive*	VPE-Stckz. *Moq-Pcs*
6236AA00AS	14,4	16,0	7,1	5,2	8,2	8,0	**Standard-Klebeband** Standard adhesive	1.000

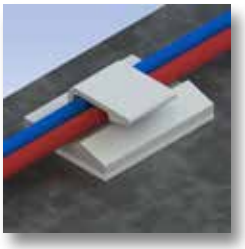


TYPE 1

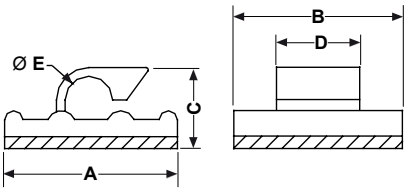


TYPE 2

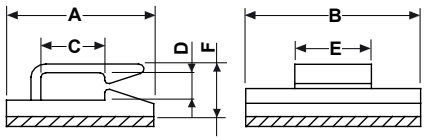




TYPE 3



TYPE 4



- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

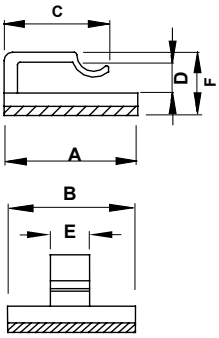
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature: **-20°C ~ +80°C**
- **3M Klebeband** / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6411AA00AS	1	20,8	13,0	7,8	-	4,7	-		1.000
6412AA00AS	2	20,7	13,1	7,9	-	5,1	-		500
6109AA00AS	3	16,0	15,6	6,4	7,7	4,4	-		1.000
6413AA00AS	4	12,0	16,0	4,8	7,0	2,5	5,2		1.000

KABELHALTER SELBSTKLEBEND
SELF-ADHESIVE WIRE CLIPS

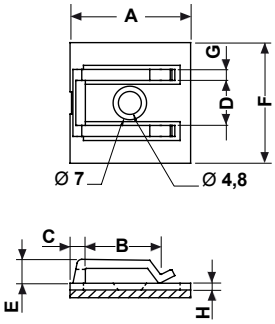
TYPE 1





TYPE 2



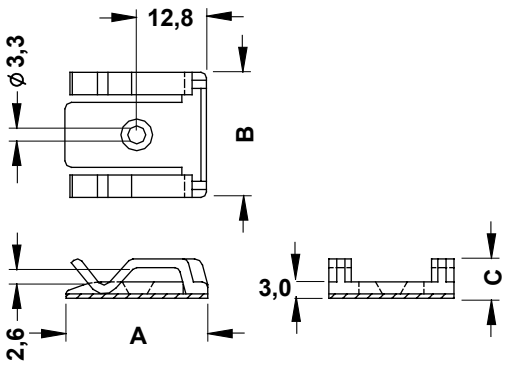


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**:**
  3M Klebeband / *3M Adhesive*: **-20°C ~ +80°C**
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6117AA00AS	1	16,0	16,0	12,5	3,7	7,1	7,4	-	-		1.000
6238AA00AS	2	25,2	25,2	15,5	5,0	9,4	2,3	2,3	1,4		500



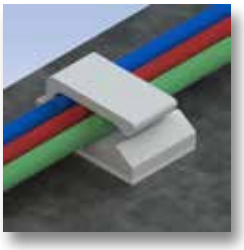


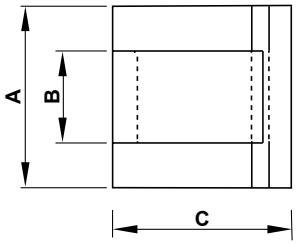
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

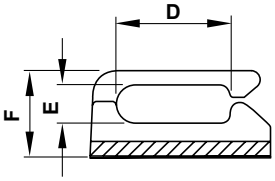
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10663AA00AS	26,0	23,0	6,5		500

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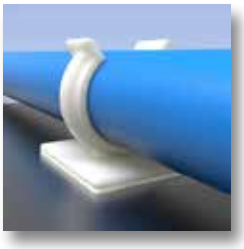


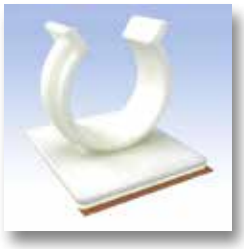


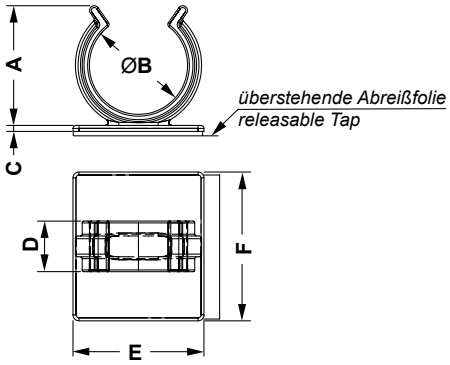
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**:**
  3M Klebeband / *3M Adhesive*: **-20°C ~ +80°C**
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6237AA00AS	9,5	6,4	14,5	**10,2**	**2,5**	6,8		1.000
10919AA00AS	9,5	6,5	12,5	**8,4**	**2,5**	5,2		1.000
10728AA00AS	12,7	6,4	12,7	**8,1**	**2,7**	6,0	**ÜBERSTEHENDE DECKFOLIE**/ *RELEASE TAP*	1.000







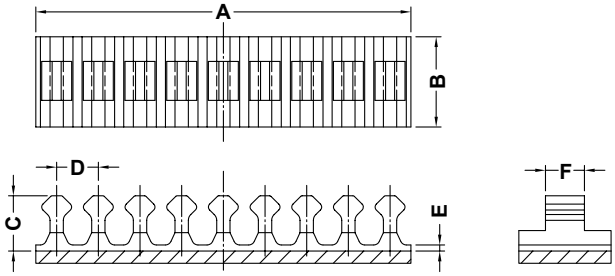
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14218AA00AS	21,1	Ø16,5	1,0	8,5	22,0	25,0		1.000

LWL KABELHALTER SELBSTKLEBEND
CABLE HOLDER

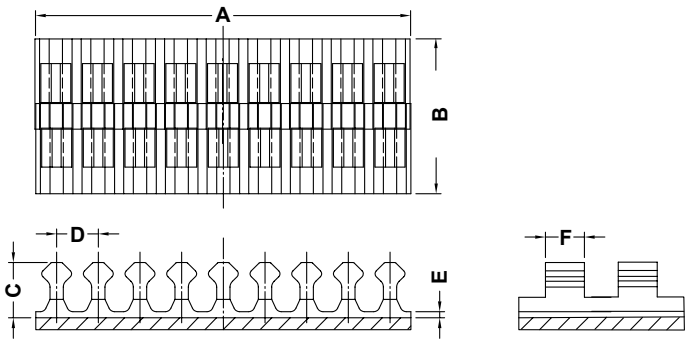




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12795AA00AS	6,1	4,5	3,4	2,0	1,0	1,9	2 x Ø 1,3 Klemmöffnungen	500
11353AA00AS	8,1	4,5	3,4	2,0	1,0	1,9	3 x Ø 1,3 Klemmöffnungen	500
12796AA00AS	10,2	4,5	3,4	2,0	1,0	1,9	4 x Ø 1,3 Klemmöffnungen	500
12797AA00AS	12,0	4,5	2,7	2,0	1,0	1,9	5 x Ø 1,3 Klemmöffnungen	500
11355AA00AS	18,3	4,5	2,7	2,0	0,3	1,9	8 x Ø 1,3 Klemmöffnungen	500



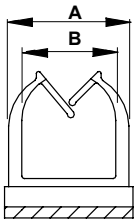


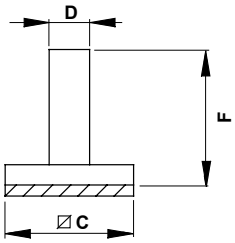
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- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
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  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11354AA00	23,0	8,8	3,4	2,0	1,0	1,9 (x2)	10 x Ø1,3 Klemmreihen	200

TYPE 1

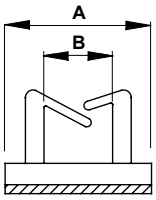


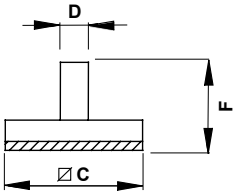




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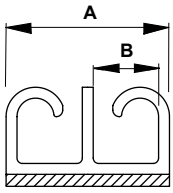


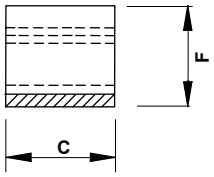




TYPE 3





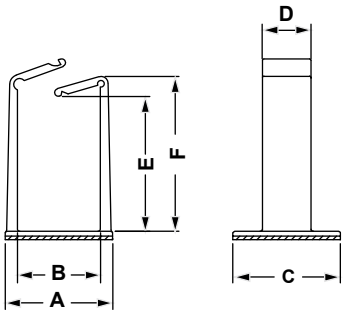


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature:
  3M Klebeband / *3M Adhesive*: **-20°C ~ +80°C**
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL P/N	TYPE	A	B	C	D	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6358AA00AS	1	6,9	4,1	9,5	2,0	6,7		1.000
6273AA00AS	1	11,9	9,3	12,7	4,0	14,7		1.000
6271AA00AS	2	6,9	4,5	9,6	2,0	7,5		1.000
6116AA00AS	3	15,0	6,0	10,0	-	9,0		1.000

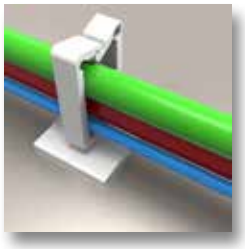


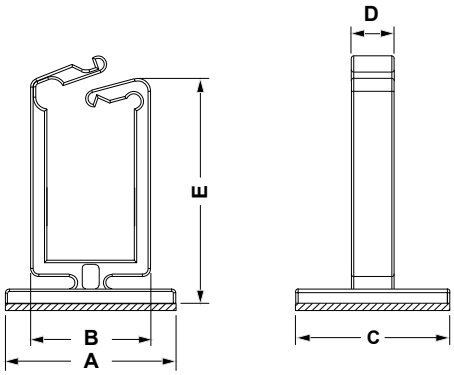


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- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

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- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
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  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18236AA00AS	22,0	17,0	22,0	10,0	27,8	32,0		200
18237AA00AS	30,0	23,0	20,0	6,0	31,8	40,1		200



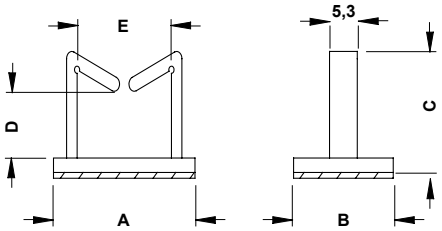


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- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
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  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18238AA00AS	21,0	14,8	19,0	5,3	27,7		1.000
18239AA00AS	16,0	-	19,0	9,3	27,7		1.000



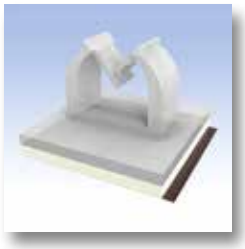


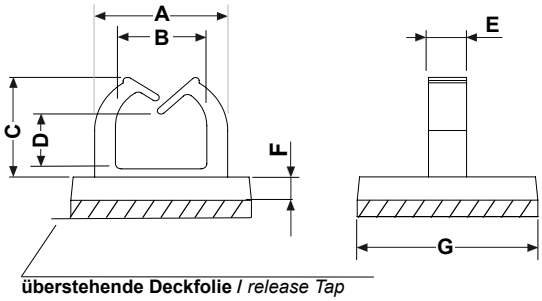
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  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10657AA00AS	27,0	19,0	16,7	9,0	18,0	500
10658AA00AS	21,0	19,0	17,2	10,0	11,5	500
10659AA00AS	21,0	19,0	26,0	19,0	11,5	500



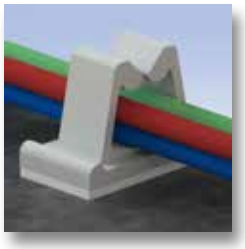
KABELHALTER SELBSTKLEBEND
WIRE SADDLE SELF ADHESIVE

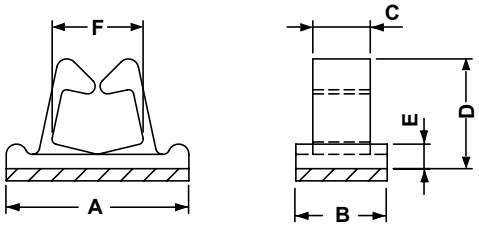




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ARTIKEL *P/N*	A	B	C	D	E	F	G	VPE-Stckz. *Moq-Pcs*
12918AA00AS	7.0	**4.6**	4.2	**1.3**	2.0	1.6	9.4	1.000
12919AA00AS	7.0	**4.6**	6.0	**3.3**	2.0	1.6	9.4	1.000
13132AA00AS	9.1	**6.6**	7.4	**3.0**	4.0	2.0	12.7	1.000
13133AA00AS	10.7	**7.9**	9.1	**4.8**	4.0	2.0	12.7	1.000
13134AA00AS	11.8	**9,2**	11.3	**5.8**	4.0	2.0	12.7	1.000
13135AA00AS	12.1	**9,3**	12.9	**8.4**	4.0	2.0	12.7	1.000



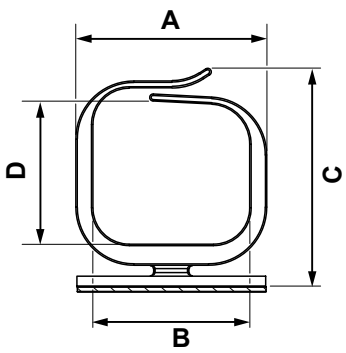


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ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4809AA00AS	17,8	9,0	5,6	10,7	2,4	8,7		1.000

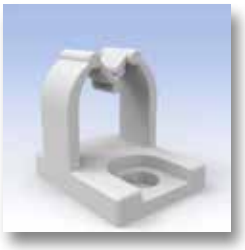
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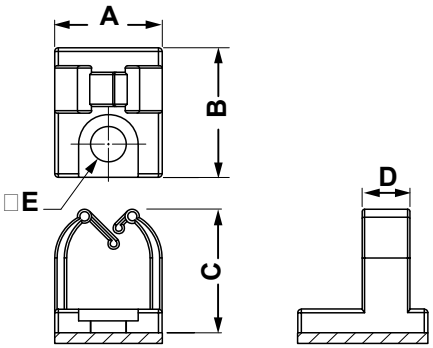




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ARTIKEL *P/N*	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
18240AA00AS	26.3	**21.6**	30.0	**19.7**	4.9	13.0	1.000



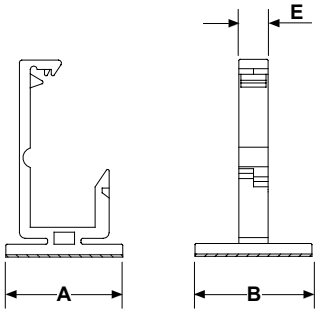


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ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18245AA00AS	9.0	**10.9**	10.4	**4.0**	Ø3.0		1.000
18246AA00AS	9.0	**10.9**	15.0	**4.0**	Ø2.7		1.000
18247AA00AS	9.0	**10.9**	10.4	**4.0**	Ø2.6		1.000
18248AA00AS	9.0	**11.0**	14,0	**4.0**	Ø2.7		1.000
18249AA00AS	9.0	**12.4**	10,4	**4.0**	Ø3.2		1.000

KABELHALTER SELBSTKLEBEND
CABLE HOLDER SELF ADHESIVE



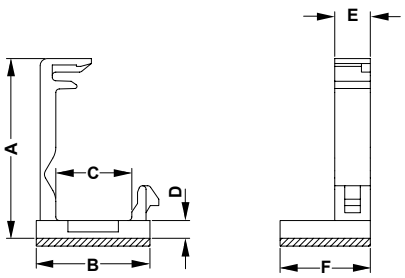


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ARTIKEL *P/N*	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
10653AA00AS	14,0	15,0	10,7	8,5	5,0	4,7	500
10654AA00AS	20,0	20,0	11,1	6,5	5,0	4,7	500
10655AA00AS	20,0	20,0	11,1	12,0	5,0	4,7	500
10656AA00AS	20,0	20,0	15,7	15,5	5,0	4,7	500





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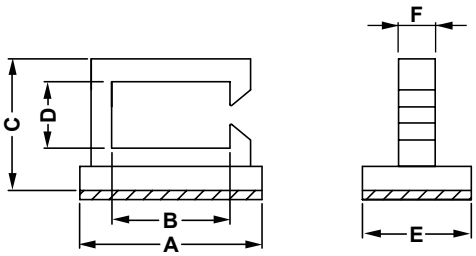
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ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11347AA00	25,3	16,0	10,7	2,5	5,0	12,7		500
11348AA00	36,1	21,6	16,3	2,5	5,0	12,7		500

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KABELHALTER SELBSTKLEBEND
WIRE SADDLE SELF ADHESIVE

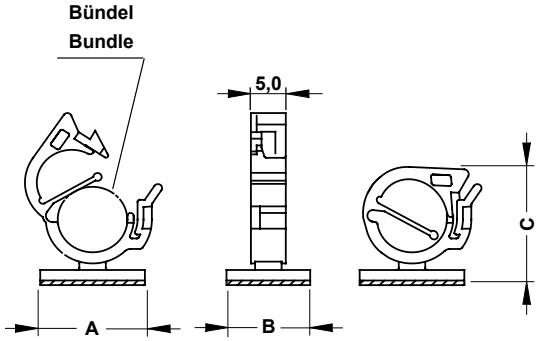




- **Material: PA 6.6 /** *Material: Nylon 6.6*
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- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
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ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12061AA00AS	15,9	10,3	11,6	5,8	9,5	3,2		1.000

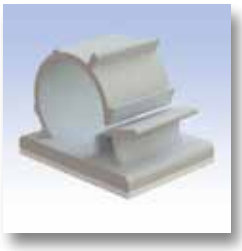




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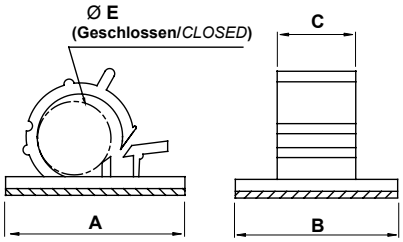
ARTIKEL *P/N*	A	B	C	Max. Bündel *Max. Bundle*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10660AA00AS	15,0	12,0	14,5	Ø 7,5		500
10661AA00AS	19,0	12,0	17,0	Ø 10,0		500
10662AA00AS	20,0	12,0	20,0	Ø 12,0		500

KABELHALTER SELBSTKLEBEND
CABLE HOLDER SELF ADHESIVE

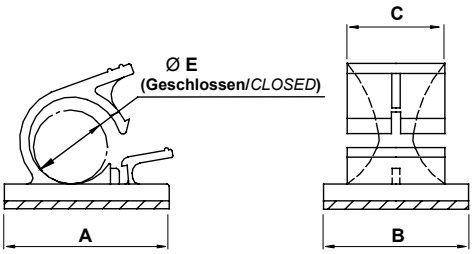




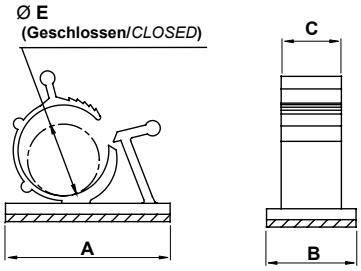
TYPE 1



TYPE 2



TYPE 3



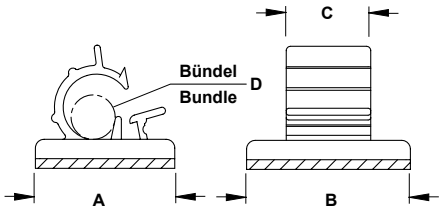
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	TYPE	A	B	C	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4755AA00AS	1	21,5	17,0	12,0	9,0 - 12,0		1.000
6398AA00AS	2	13,0	10,0	6,8	4,0		1.000
6399AA00AS	2	15,0	13,0	9,0	6,0		1.000
6400AA00AS	2	21,6	19,0	12,8	9,0		1.000
6401AA00AS	2	25,0	20,0	13,2	11,0		500
6402AA00AS	2	32,0	25,4	16,0	13,4		250
6403AA00AS	2	35,8	24,8	16,8	18,0		100
6404AA00AS	2	56,1	50,0	20,1	25,4		50
6405AA00AS	3	24,8	18,8	10,2	7,9 - 10,3		250
6406AA00AS	3	25,4	15,0	10,0	11,0 - 13,3		250
6407AA00AS	3	30,2	15,0	10,0	11,9 - 14,3		250
6408AA00AS	3	34,4	18,8	12,7	14,7 - 19,1		100
6409AA00AS	3	36,0	19,0	12,7	18,0 - 22,0		100
6410AA00AS	3	39,8	19,8	13,0	22,0 - 26,5		100

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KABELHALTER SELBSTKLEBEND
CABLE HOLDER SELF ADHESIVE

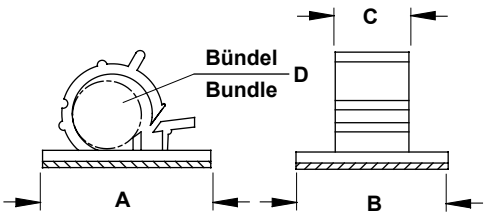




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D max.	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10630AA11AS	16,0	18,8	9,7	5,0		500
10631AA11AS	22,1	25,4	16,1	6,4		250
10632AA11AS	25,4	25,4	16,1	11,0		250
10633AA11AS	30,7	25,4	16,2	12,7		100
10634AA11AS	37,0	29,3	17,0	19,5		100
10635AA11AS	57,0	50,5	31,7	26,8		50



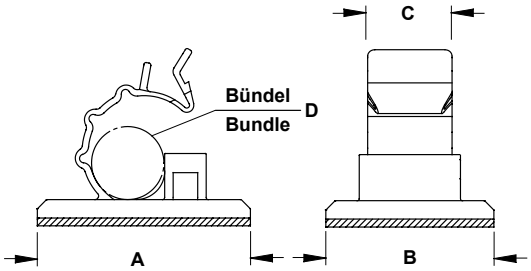


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D max.	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10636AA00AS	21,0	19,0	9,2	8,2		500
10637AA00AS	25,0	20,0	12,0	9,0		250
10638AA00AS	25,0	19,7	12,0	10,6		250
10639AA00AS	29,0	20,0	14,0	12,6		250
10640AA00AS	29,5	19,5	15,0	12,8		250

KABELHALTER SELBSTKLEBEND
CABLE HOLDER SELF ADHESIVE



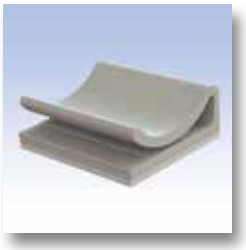


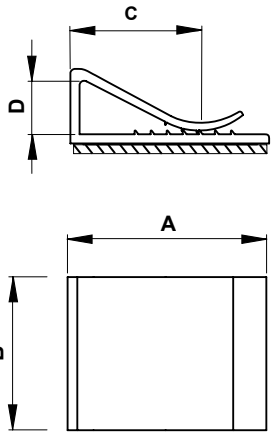
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D max.	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10641AA11AS	17,5	20,5	8,6	6,2		200
10642AA11AS	25,5	17,5	9,8	7,0		200
10643AA11AS	30,3	23,9	12,0	10,3		200
10644AA11AS	30,0	24,0	14,0	14,5		200
10645AA11AS	35,7	25,2	16,0	18,5		200

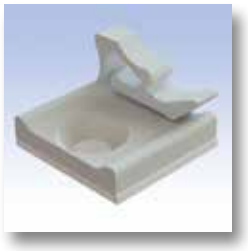
FLACHBANDKABELHALTER SELBSTKLEBEND
FLAT CABLE SELF-ADHESIVE CLIPS

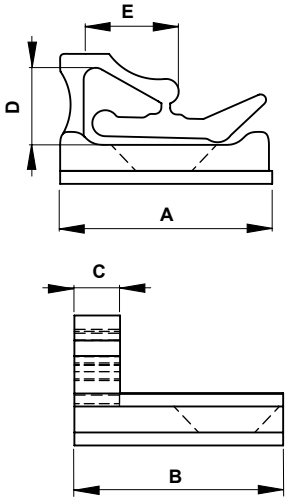
TYPE 1





TYPE 2



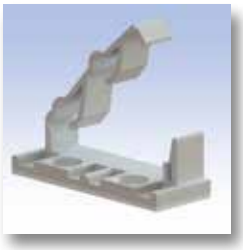


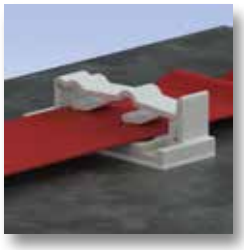
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Material: PVC** / *Material: PVC*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / Working temperature**: -25°C ~ +70°C**

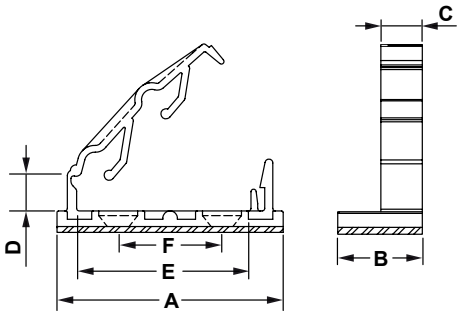
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +70°C**
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
2514CC11AS	1	26,0	20,0	12,0	7,0	12,0	**PVC Grau** / *PVC Gray*	1.000
2515CC11AS	1	26,0	25,0	12,0	7,0	12,0	**PVC Grau** / *PVC Gray*	1.000
2516CC11AS	1	26,0	30,0	12,0	7,0	12,0	**PVC Grau** / *PVC Gray*	1.000
6394AA00AS	1	27,0	15,0	15,0	8,8	15,0	**PA6.6 Natur** / *Nylon 6.6 Natural*	1.000
6395AA00AS	1	27,0	20,0	15,0	8,8	15,0	**PA6.6 Natur** / *Nylon 6.6 Natural*	1.000
6396AA00AS	1	27,0	25,4	15,0	8,8	15,0	**PA6.6 Natur** / *Nylon 6.6 Natural*	1.000
0357AA00AS	2	16,0	16,0	6,5	5,5	7,5	**PA6.6 Natur** / *Nylon 6.6 Natural*	1.000

FLACHBANDKABELHALTER SELBSTKLEBEND
FLAT CABLE SELF-ADHESIVE CLIPS



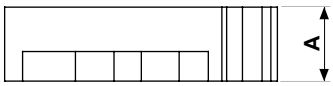


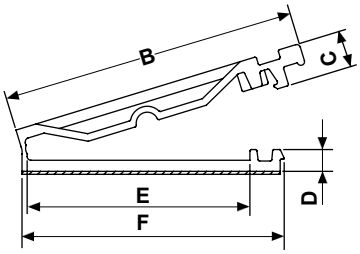


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
0358AA00AS	44,0	16,0	8,0	6,0	33,2	20,0		1.000
0359AA00AS	62,0	16,0	8,0	6,0	51,2	25,0		1.000





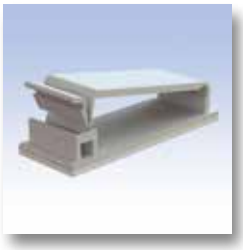


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

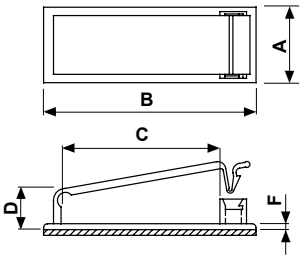
ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10767AA00AS	10,0	40,0	5,0	3,0	30,0	35,7		200

FLACHBANDKABELHALTER SELBSTKLEBEND
FLAT CABLE SELF-ADHESIVE CLIPS

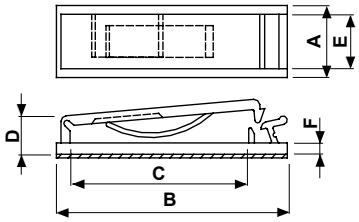
TYPE 1



TYPE 1



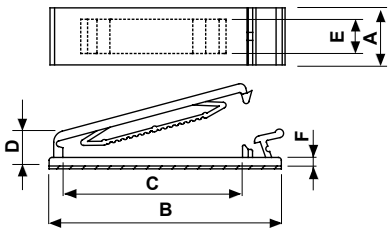
TYPE 3



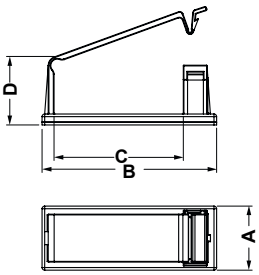
TYPE 2



TYPE 2



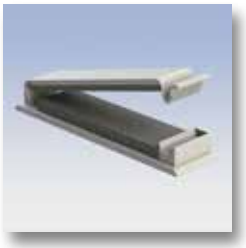
TYPE 4

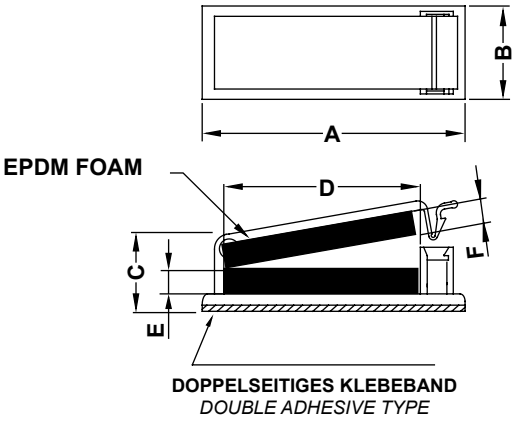


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6387AA00AS	1	19,7	77,6	64,0	12,8	14,7	1,6		100
6388AA00AS	1	19,0	53,5	40,0	11,2	14,0	1,6		100
6389AA00AS	1	19,0	45,8	32,0	11,2	14,0	1,6		200
6390AA00AS	1	19,8	45,4	31,8	18,0	14,7	1,6		200
6391AA00AS	1	19,3	53,5	39,7	14,8	14,3	1,6		200
6392AA00AS	1	19,3	53,5	39,7	14,5	14,3	1,6		200
15892AA00AS	1	19,7	54,0	40,0	13,2	14,7	2,3		200
15893AA00AS	1	19,7	77,6	64,0	12,3	14,7	2,3		200
6393AA00AS	2	10,0	40,7	31,3	6,4	6,0	2,0		200
6385AA00AS	3	12,7	40,7	31,5	6,8	9,6	2,0		200
6386AA00AS	3	12,7	61,2	52,0	6,9	9,6	2,1		100
11217AR00	4	19,8	54,0	40,0	19,0	14,8	2,5	V0 (UL94)	200

KABELHALTER MIT SCHAUMEINLAGE
WIRE MOUNT WITH FOAM

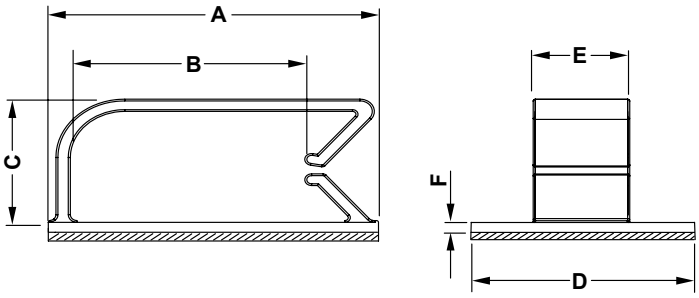




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

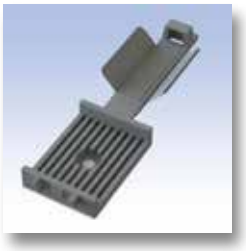
ARTIKEL *P/N*	A	B	C	D	E	F	Klebebeband *Adhesive*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
8322AR00AS	54,0	19,7	12,8	40,0	5,0	3,0	**3M Klebeband** / *3M Adhesive*	UL94V0	500
8010AR00AS	77,6	19,7	12,8	64,0	5,0	3,0	**3M Klebeband** / *3M Adhesive*	UL94V0	500
15890AA00AS	54,0	19,7	13,2	40,0	5,0	3,0	**3M Klebeband** / *3M Adhesive*	UL94V2	200
15891AA00AS	77,6	19,7	12,3	64,0	4,0	4,0	TESA tape	UL94V2	200



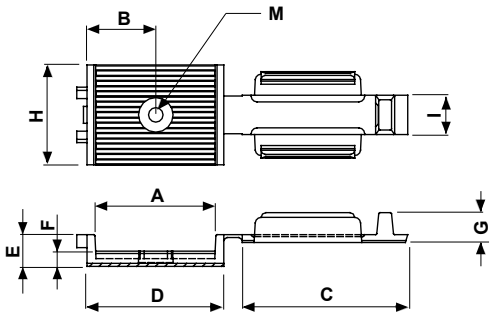


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

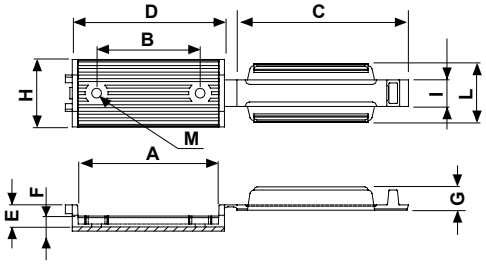
ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11369AA01AS	37,3	27,0	11,0	32,0	14,0	1,8		250



TYPE 1



TYPE 2

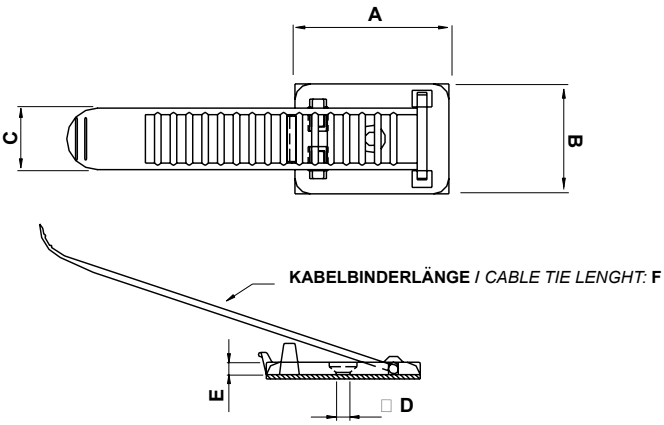


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	H	I	L	M	VPE-Stckz. *Moq-Pcs*
6382AA11AS	1	30,5	17,5	41,7	35,0	8,2	4,0	7,2	25,4	11,0	22,0	3,7	100
6383AA11AS	2	53,0	39,0	64,6	57,3	8,3	4,1	8,8	25,4	10,0	22,0	3,7	100
6384AA11AS	2	78,9	38,7	90,6	82,3	12,3	6,3	7,6	25,4	10,0	22,0	3.8	100

KABELHALTER SELBSTKLEBEND / SCHRAUBBAR
SELF-ADHESIVE WIRE MOUNT

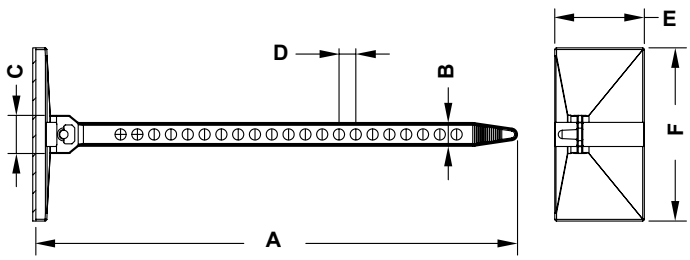




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6519AA00AS	25,4	18,1	8,0	3,5	2,5	64,2		200
6520AA00AS	25,4	18,1	8,0	3,5	2,5	85,0		200
6061AA00AS	30,2	21,0	12,0	3,5	2,5	91,0		200
6521AA00AS	35,0	25,0	14,0	3,2	2,8	88,3		200
6522AA00AS	35,0	25,0	14,0	3,2	2,8	127,0		100
6523AA00AS	30,0	21,0	12,0	3,7	2,5	117,0		100





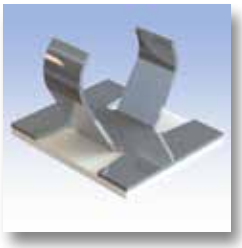


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm**/ *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**:**
  3M Klebeband / *3M Adhesive*: **-20°C ~ +80°C**
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

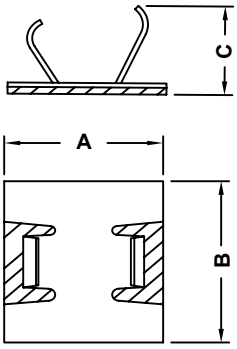
ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
8031AA00AS	137,6	6,8	10,9	4,8(x20)	25,6	49,5		500

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ALUMINIUM KABELSCHELLE SELBSTKLEBEND
SELF-ADHESIVE ALLUMINIUM CABLE HOLDER





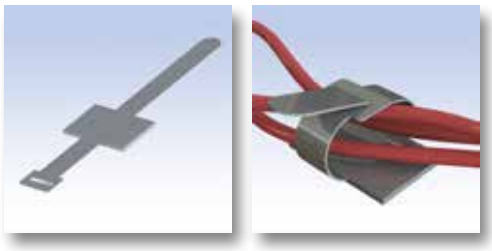


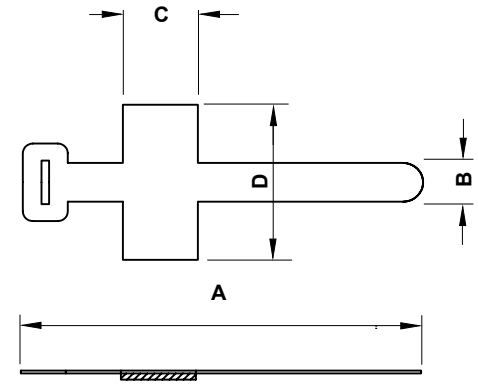
- **Material: Aluminium** / *Material: Aluminium*
- **Temperaturbereich** / *Working Temperature:* **-30°C ~ +70°C**
- **Kautschuk Klebeband** / *Rubber Adhesive:* **-25°C ~ +70°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Max Bündel *Max Bundle*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
7600AL90AS	11,3	17,0	9,5	6,5		250
7601AL90AS	16,0	19,0	14,5	14,0		250



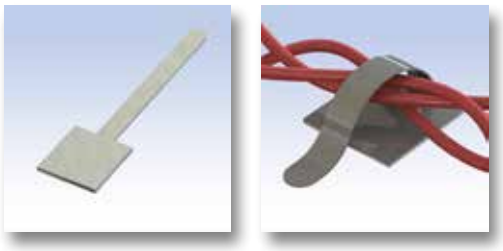
ALUMINIUM KABELBAND SELBSTKLEBEND
SELF-ADHESIVE ALUMINIUM CABLE HOLDER

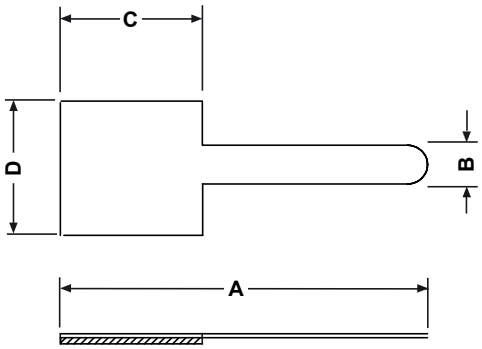




- **Material: Aluminium** / *Material: Aluminium*
- **Temperaturbereich** / *Working Temperature:* **-30°C ~ +70°C**
- **Kautschuk Klebeband** / *Rubber Adhesive:* **-25°C ~ +70°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL P/N	A	B	C	D	Max Bündel *Max Bundle*	VPE-Stckz. *Moq-Pcs*
7602AL90AS	63,5	6,4	12,0	25,4	13,0	250
7603AL90AS	89,0	8,0	16,3	25,4	19,0	250



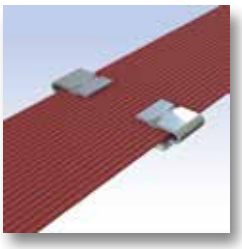


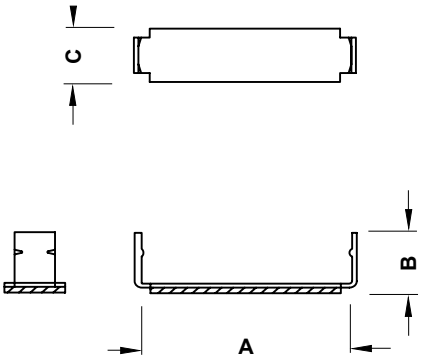
- **Material: Aluminium** / *Material: Aluminium*
- **Temperaturbereich** / *Working Temperature:***-30°C ~ +70°C**
- **Kautschuk Klebeband** / *Rubber Adhesive:* **-25°C ~ +70°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL P/N	A	B	C	D	Max Bündel *Max Bundle*	VPE-Stckz. *Moq-Pcs*
7604AL90AS	63,8	7,9	25,4	25,4	20,0	250
7605AL90AS	41,0	5,0	16,0	16,0	12,0	250

ALUMINIUM KABELBAND SELBSTKLEBEND
SELF-ADHESIVE ALUMINIUM CABLE HOLDER

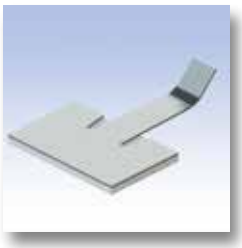




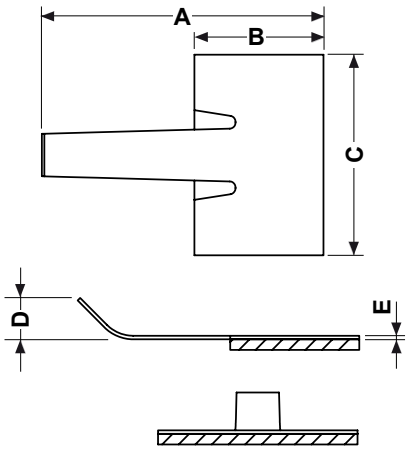


- **Material: Aluminium** / *Material: Aluminium*
- **Temperaturbereich** / *Working Temperature:* **-30°C ~ +70°C**
- **Kautschuk Klebeband** / *Rubber Adhesive:* **-25°C ~ +70°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL P/N	A	B	C	VPE-Stckz. *Moq-Pcs*
7606AL90AS	13,3	6,4	9,0	250
7607AL90AS	20,1	6,4	9,0	250
7608AL90AS	25,9	7,9	9,0	250
7609AL90AS	32,4	9,5	9,0	250





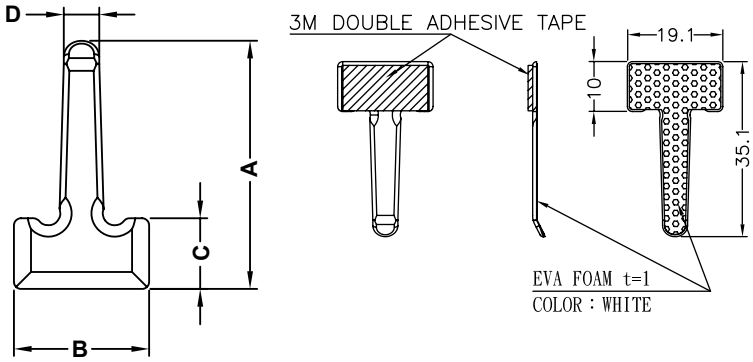


- **Material: Aluminium** / *Material: Aluminium*
- **Farbe: Natur** / *Colour: Natural*
- **Klebeband : standard** / *Adhesive: standard*
- **Temperaturbereich** / *Working temperature:*
  - **Standard Klebeband** / *Standard adhesive:* **-25°C ~ +70°C**
  - **Stärke** / Thickness: 0,9
  - **3M Klebeband** / *3M Adhesive*
- **Alle Maße sind in mm** / *All dimensions are in mm*

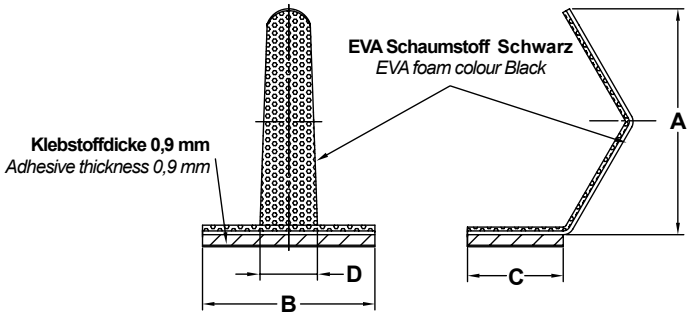
ARTIKEL P/N	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10847AL90AS	24,0	11,0	17,0	3,5	0,3	1.000



TYPE 1



TYPE 2

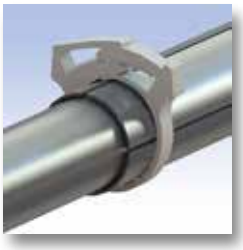


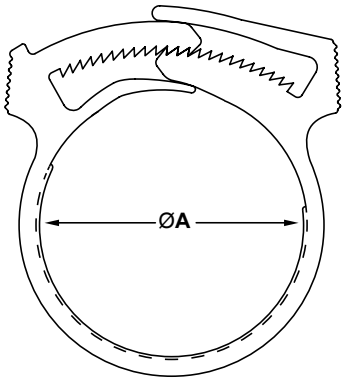
- **Material: siehe Tabelle** / *Material: see Table*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

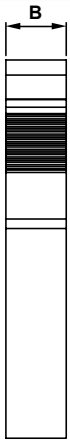
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	TYPE	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11366MC90AS	2	23,6	18,0	10,0	6,0	Stahlblech verzinnt / Tin plate	1.000
11367MC90AS	1	35,1	19,1	10,0	5,0	Stahlblech / Steel sheet	1.000







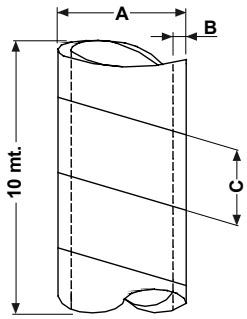


- **Material: POM** / *Material: POM*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**ØA**	**B**	**Farbe** *Colour*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
14857GA01	7,5 - 8,5	6,0	**Schwarz** / *Black*		500
14858GA00	10,0 - 11,0	5,5	**Natur** / *Natural*		500
6870GA00	10,0 - 12,5	5,9	**Natur** / *Natural*		500
14859GA00	8,0 - 10,0	6,5	**Natur** / *Natural*		500
14859GA01	8,0 - 10,0	6,5	**Schwarz** / *Black*		500
6276GA00	11,0 - 12,0	5,5	**Naturale** / *Natural*		500
6627GA01	14,0 - 16,0	5,9	**Schwarz** / *Black*		250
6871GA00	17,5 - 21,0	5,9	**Natur** / *Natural*		250
6872GA00	20,0 - 22,0	6,0	**Natur** / *Natural*		250
6873GA00	21,0 - 24,0	5,9	**Natur** / *Natural*		250
6874GA00	25,0 - 27,0	7,4	**Natur** / *Natural*		250
14860AA02	21,0 - 25,0	5,6	**Weiß** / *White*	**Material: PA 66** / *Material: PA 66*	250
6875GA00	27,0 - 32,0	7,3	**Naturale** / *Natural*		250
14861GA00	29,0 - 34,0	7,3	**Naturale** / *Natural*		250
6876GA00	33,0 - 37,0	7,4	**Naturale** / *Natural*		250

PE-LD SPIRAL-WICKELBAND
PE-LD SPIRAL WRAPPING BANDS



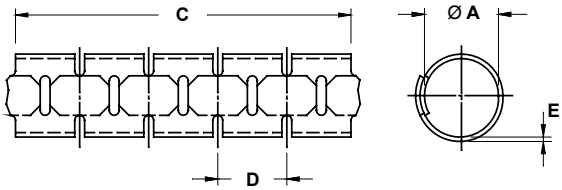


- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Die Farbe Schwarz ist auf Anfrage lieferbar /**
  Black colour available by special request
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq/Mt.*
6664EA00	3,0	0,4	4,6		10
6665EA00	4,0	0,5	7,6		10
6666EA00	5,0	0,5	8,5		10
6667EA00	6,0	0,6	8,5		10
6668EA00	8,0	0,7	13,0		10
6669EA00	10,0	0,8	13,0		10
6670EA00	12,0	0,85	15,0		10
6671EA00	15,0	1,0	17,0		10
6672EA00	19,0	1,2	19,0		10
6673EA00	24,0	1,5	21,0		10

KABELBÜNDELSCHLAUCH “FAST”
WRAPPING BANDS “FAST”

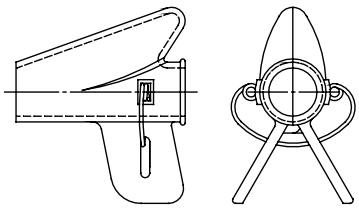




- **Material: Polyethylen PE** / *Material: Polyethylene PE*
- **Farbe: Natur - Auf Anfrage auch in Farbe Schwarz erhältlich**
  Colour: Natural - Black colour available by Special Request
- **Temperaturbereich** / *Working temperature:* **-20° C. bis + 65° C**
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **B = max. Durchmesser** / *max. Diameter*

ARTIKEL *P/N*	A	B	C	D	E	VPE/MOQ/Meter/ Rolle *Pack/MOQ/Metr/Reel*
6707EA00	8,0	10,0	5 mt.	10,0	0,8	5,0
6708EA00	15,0	16,0	5 mt.	14,0	0,8	5,0
6709EA00	20,0	23,0	5 mt.	17,0	0,9	5,0
6710EA00	25,0	29,0	5 mt.	20,0	1,0	5,0



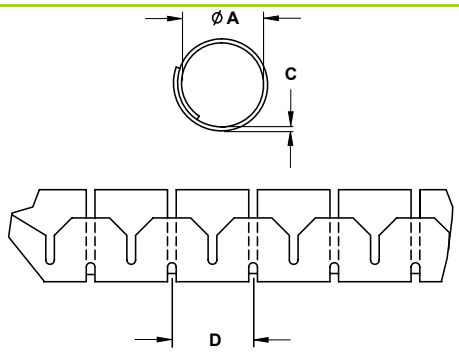


- **Material: ABS** / *Material: ABS*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	KOMBINATION FÜR “FAST” *THE SUITABLE FOR SPIRAL BAND “FAST”*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6711HA01PS	6707 EA00		1
6712HA01PS	6708 EA00		1
6713HA01PS	6709 EA00		1
6714HA01PS	6710 EA00		1

KABELBÜNDELSCHLAUCH “FAST”
POLYPROPYLENE WRAPPING TUBE





HALOGEN FREE

- **Material: Polyproylen (FA)** / *Material: Polypropylene*
- **Temperaturbereich** / Working temperature**:** *-40°C ~ +85°C*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **B = max. Durchmesser** / *max. Diameter*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**

ARTIKEL *P/N*	A	B	C	D	Farbe *Colour*	VPE-Stckz. *Moq/Mt.*
8348FA01	**8.0**	**Ø 10.0**	0.8	9.0	**Schwarz** / *Black*	100
8349FA01	**15.0**	**Ø 16.0**	0.8	13.0	**Schwarz** / *Black*	50
8350FA01	**20.0**	**Ø 22.0**	0.9	15.0	**Schwarz** / *Black*	30
8351FA01	**25.0**	**Ø 27.0**	1.3	18.0	**Schwarz** / *Black*	20
8352FA01	**32.0**	**Ø 35.0**	1.3	23.0	**Schwarz** / *Black*	15
8348FA02	**8.0**	**Ø 10.0**	0.8	9.0	**Weiß** / *White*	100
8349FA02	**15.0**	**Ø 16.0**	0.8	13.0	**Weiß** / *White*	50
8350FA02	**20.0**	**Ø 22.0**	0.9	15.0	**Weiß** / *White*	30
8351FA02	**25.0**	**Ø 27.0**	1.3	18.0	**Weiß** / *White*	20
8352FA02	**32.0**	**Ø 35.0**	1.3	23.0	**Weiß** / *White*	15



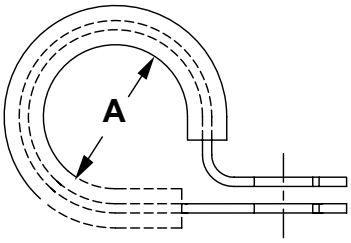


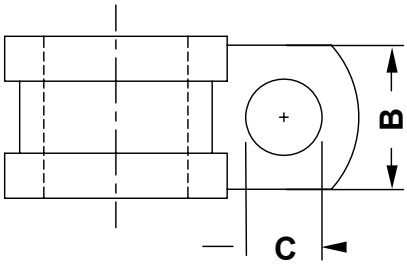


ARTIKEL TOOL *P/N TOOL*	EINZUGHILFE GEEIGNET FÜR *HANDTOOL SUITABLE FOR*	Anmerkungen *Notes*
8481XX01	8348FA01	
8482XX01	8349FA01	
8483XX01	8350FA01	
8484XX01	8351FA01	
8485XX01	8352FA01	

BEFESTIGUNGSSCHELLEN MIT GUMMIPROFIL
HOSE CLAMP GALVANIZED STEEL EPDM RUBBER W1







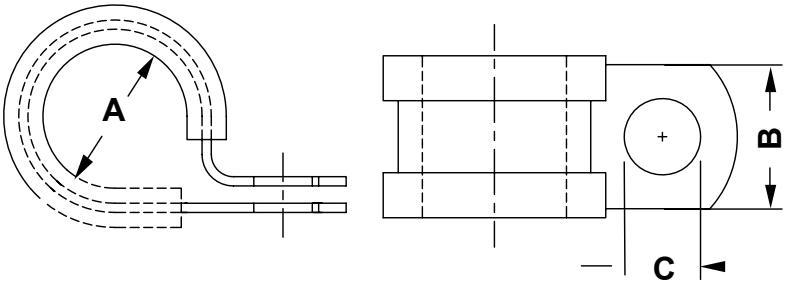
- **Material Klemme: Stahl verzinkt** / *Material band: galvanized steel*
- **Material Schutzgummi: EPDM** / *Material lining: EPDM*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +120°C**
- **DIN = 3016**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL P/N	A	B	C	VPE-Stckz. *Moq-Pcs*
20000MC94PS	5,0	12,0	M5	250
20001MC94PS	6,0	12,0	M5	250
20002MC94PS	7,0	12,0	M5	250
20003MC94PS	8,0	12,0	M5	250
20004MC94PS	9,0	12,0	M5	250
20005MC94PS	10,0	12,0	M5	250
20006MC94PS	11,0	12,0	M5	250
20007MC94PS	12,0	12,0	M5	250
20008MC94PS	13,0	12,0	M5	250
20009MC94PS	14,0	12,0	M5	250
20010MC94PS	15,0	12,0	M5	250
20011MC94PS	16,0	12,0	M5	200
20012MC94PS	17,0	12,0	M5	200
20013MC94PS	18,0	12,0	M5	200
20014MC94PS	19,0	12,0	M5	200
20015MC94PS	20,0	12,0	M5	200
20016MC94PS	21,0	12,0	M5	200
20017MC94PS	22,0	12,0	M5	200
20018MC94PS	23,0	12,0	M5	200
20019MC94PS	24,0	12,0	M5	200
20020MC94PS	26,0	12,0	M5	200
20021MC94PS	28,0	12,0	M5	200
20022MC94PS	30,0	12,0	M5	100
20023MC94PS	32,0	12,0	M5	100
20024MC94PS	34,0	12,0	M5	100
20025MC94PS	36,0	12,0	M5	50
20026MC94PS	38,0	12,0	M5	50
20027MC94PS	40,0	12,0	M5	50

ARTIKEL P/N	A	B	C	VPE-Stckz. *Moq-Pcs*
20028MC94PS	42,0	12,0	M5	50
20029MC94PS	44,0	12,0	M5	50
20030MC94PS	46,0	12,0	M5	50
20031MC94PS	48,0	12,0	M5	50
20032MC94PS	50,0	12,0	M5	50
20033MC94PS	52,0	12,0	M5	50
20034MC94PS	54,0	12,0	M5	50
20035MC94PS	56,0	12,0	M5	50
20036MC94PS	58,0	12,0	M5	50
20037MC94PS	60,0	12,0	M5	50
20038MC94PS	5,0	15,0	M6	250
20039MC94PS	6,0	15,0	M6	250
20040MC94PS	7,0	15,0	M6	250
20041MC94PS	8,0	15,0	M6	250
20042MC94PS	9,0	15,0	M6	250
20043MC94PS	10,0	15,0	M6	250
20044MC94PS	12,0	15,0	M6	250
20045MC94PS	13,0	15,0	M6	200
20046MC94PS	14,0	15,0	M6	200
20047MC94PS	15,0	15,0	M6	250
20048MC94PS	16,0	15,0	M6	250
20049MC94PS	17,0	15,0	M6	200
20050MC94PS	18,0	15,0	M6	250
20051MC94PS	19,0	15,0	M6	250
20052MC94PS	20,0	15,0	M6	200
20053MC94PS	21,0	15,0	M6	100

BEFESTIGUNGSSCHELLEN MIT GUMMIPROFIL
HOSE CLAMP WITH EPDM RUBBER





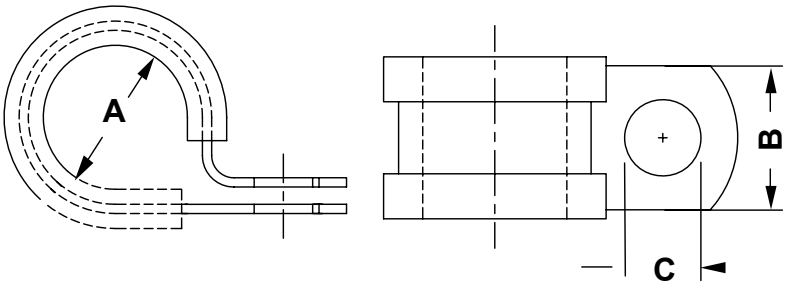
- **Material Klemme: Stahl verzinkt** / *Material band: galvanized steel*
- **Material Schutzgummi: EPDM** / *Material lining: EPDM*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +120°C**
- **DIN = 3016**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
20054MC94PS	22,0	15,0	M6	100
20055MC94PS	23,0	15,0	M6	100
20056MC94PS	24,0	15,0	M6	100
20057MC94PS	26,0	15,0	M6	100
20058MC94PS	28,0	15,0	M6	100
20059MC94PS	30,0	15,0	M6	100
20060MC94PS	32,0	15,0	M6	100
20061MC94PS	34,0	15,0	M6	100
20062MC94PS	36,0	15,0	M6	100
20063MC94PS	38,0	15,0	M6	100
20064MC94PS	40,0	15,0	M6	100
20065MC94PS	42,0	15,0	M6	50
20066MC94PS	44,0	15,0	M6	50
20067MC94PS	46,0	15,0	M6	50
20068MC94PS	48,0	15,0	M6	50
20069MC94PS	50,0	15,0	M6	50
20070MC94PS	52,0	15,0	M6	50
20071MC94PS	54,0	15,0	M6	50
20072MC94PS	56,0	15,0	M6	50
20073MC94PS	58,0	15,0	M6	50
20074MC94PS	60,0	15,0	M6	50
20075MC94PS	10,0	20,0	M8	100
20076MC94PS	11,0	20,0	M8	100
20077MC94PS	12,0	20,0	M8	100
20078MC94PS	13,0	20,0	M8	100
20079MC94PS	14,0	20,0	M8	100
20080MC94PS	15,0	20,0	M8	100

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
20081MC94PS	16,0	20,0	M8	100
20082MC94PS	17,0	20,0	M8	100
20083MC94PS	18,0	20,0	M8	100
20084MC94PS	19,0	20,0	M8	50
20085MC94PS	20,0	20,0	M8	50
20086MC94PS	21,0	20,0	M8	50
20087MC94PS	22,0	20,0	M8	50
20088MC94PS	23	20	M8	50
20089MC94PS	24	20	M8	50
20090MC94PS	26	20	M8	50
20091MC94PS	28	20	M8	50
20092MC94PS	30	20	M8	50
20093MC94PS	32	20	M8	50
20094MC94PS	34	20	M8	50
20095MC94PS	36	20	M8	50
20096MC94PS	38	20	M8	50
20097MC94PS	40	20	M8	50
20098MC94PS	42	20	M8	50
20099MC94PS	44	20	M8	50
20100MC94PS	46	20	M8	50
20101MC94PS	48	20	M8	50
20102MC94PS	50	20	M8	25
20103MC94PS	52	20	M8	25
20104MC94PS	54	20	M8	25
20105MC94PS	56	20	M8	25
20106MC94PS	58,0	20,0	M8	25
20107MC94PS	60,0	20,0	M8	25

BEFESTIGUNGSSCHELLEN MIT GUMMIPROFIL
HOSE CLAMP WITH EPDM RUBBER





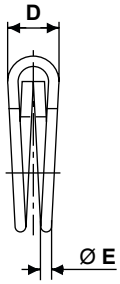
- **Material Klemme: Stahl verzinkt** / *Material band: galvanized steel*
- **Material Schutzgummi: EPDM** / *Material lining: EPDM*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +120°C**
- **DIN = 3016**
- **Alle Maße sind in mm** / *All dimensions are in mm*

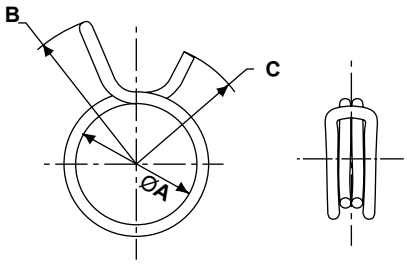
ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq/Pcs*
20108MC94PS	62,0	20,0	M8	25
20109MC94PS	64,0	20,0	M8	25
20110MC94PS	66,0	20,0	M8	25
20111MC94PS	68,0	20,0	M8	25
20112MC94PS	15,0	25,0	M10	100
20113MC94PS	16,0	25,0	M10	100
20114MC94PS	17,0	25,0	M10	50
20115MC94PS	18,0	25,0	M10	50
20116MC94PS	19,0	25,0	M10	50
20117MC94PS	20,0	25,0	M10	50
20118MC94PS	22,0	25,0	M10	50
20119MC94PS	24,0	25,0	M10	50
20120MC94PS	26,0	25,0	M10	50
20121MC94PS	28,0	25,0	M10	50
20122MC94PS	30,0	25,0	M10	50
20123MC94PS	32,0	25,0	M10	50
20124MC94PS	34,0	25,0	M10	50
20125MC94PS	36,0	25,0	M10	50
20126MC94PS	38,0	25,0	M10	50
20127MC94PS	40,0	25,0	M10	50
20128MC94PS	42,0	25,0	M10	50
20129MC94PS	44,0	25,0	M10	50
20130MC94PS	46,0	25,0	M10	50
20131MC94PS	48	25	M10	25
20132MC94PS	50	25	M10	25
20133MC94PS	52	25	M10	25

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq/Pcs*
20134MC94PS	54	25	M10	25
20135MC94PS	56	25	M10	25
20136MC94PS	58	25	M10	25
20137MC94PS	60	25	M10	25
20138MC94PS	62	25	M10	25
20139MC94PS	64	25	M10	25
20140MC94PS	66	25	M10	25
20141MC94PS	68	25	M10	25

DOPPELDRAHTKLEMMEN W1
WIRE CLIP W1





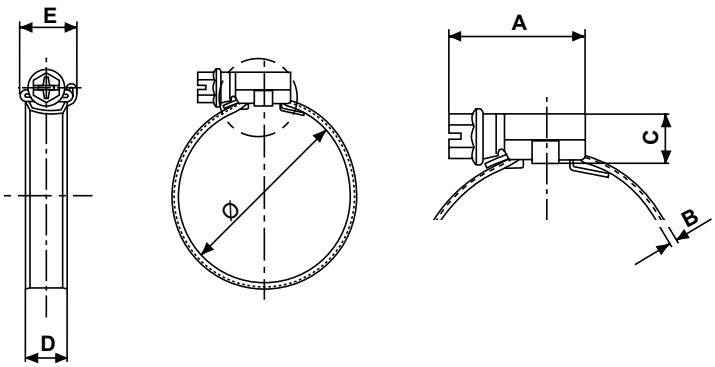


- **Material: Federstahl** */ Material: spring steel*
- **Ausführung: verzinkt** */ Finish: zinc plated*
- **A = Durchmesser des Kabels oder Rohres** */ Cable or tube diameter*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
20740MC94	7,3 - 7,8	10,7	8,2	5,5	1,0	1.000
20741MC94	7,8 - 8,3	10,7	8,3	5,5	1,0	1.000
20742MC94	8,3 - 8,8	10,9	8,6	5,5	1,0	1.000
20743MC94	8,8 - 9,3	11,0	9,0	5,5	1,0	1.000
20744MC94	9,3 - 9,9	11,8	9,0	5,5	1,0	1.000
20745MC94	9,8 - 10,4	13,5	10,5	6,3	1,2	1.000
20746MC94	10,4 - 11,0	14,8	11,4	6,3	1,2	1.000
20747MC94	11,0 - 11,6	14,8	11,9	6,3	1,2	1.000
20748MC94	11,6 - 12,3	16,4	12,4	7,3	1,5	1.000
20749MC94	12,1 - 13,1	17,2	13,7	7,3	1,5	500
20750MC94	12,9 - 13,6	17,0	14,0	7,3	1,5	500
20751MC94	13,6 - 14,4	18,0	14,5	7,3	1,5	500
20752MC94	14,4 - 15,1	19,6	16,0	8,4	1,8	500
20753MC94	14,8 - 15,9	21,0	16,4	8,4	1,8	500
20754MC94	15,9 - 16,8	22,0	16,6	8,4	1,8	500
20755MC94	16,8 - 17,7	21,3	16,5	8,4	1,8	500
20756MC94	17,7 - 18,7	22,7	17,7	9,9	2,0	500
20757MC94	18,7 - 19,6	23,3	18,0	9,9	2,0	500
20758MC94	19,6 - 20,6	24,0	18,5	9,9	2,0	500

SCHNECKENGEWINDESCHELLEN “L” W2
HOSE CLAMP “L” WORM DRIVE CLIP W2





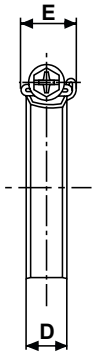
- **Material: Stahl** / *Material: mild steel*
- **Ausführung: verzinkt** / *Finish: zinc plated*
- **Bandmaterial und Kurbelgehäuse: verzinkter Stahl** / *Material band and housing: galvanized steel*
- **Alle Maße sind in mm** / *All dimensions are in mm*

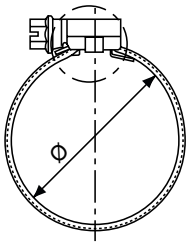
ARTIKEL *P/N*	Ø mm	A max	B +0,10	C max	D +0,3 -0,2	E max	max.Anzugs-drehmoment Nm *Values*Torque (Nm)*	max. Drruckbelas-tung Bar *Pressure (Bar)Max. Values**	VPE-Stckz. *Moq-Pcs*
20700MC94	8-12	17.5	0,65	8.4	7,0	10,9	1,5	30,0	200
20701MC94	8-16	22,1	0,65	10,5	9,0	14,0	3,0	45,0	200
20702MC94	12-22	22,1	0,65	10,5	9,0	14,0	3,0	45,0	200
20703MC94	16-27	23,6	0,75	10,5	9,0	14,0	3,5	42,0	200
20704MC94	20-32	23,6	0,75	10,5	9,0	14,0	3,5	36,0	200
20705MC94	25-40	25,6	0,75	10,5	9,0	14,0	4,0	32,0	100
20706MC94	30-45	25,6	0,75	10,5	9,0	14,0	4,0	28,0	100
20707MC94	32-50	25,6	0,75	10,5	9,0	14,0	4,0	24,0	100
20708MC94	40-60	25,6	0,75	10,5	9,0	14,0	4,0	19,0	100
20709MC94	50-70	29,6	0,75	10,5	9,0	14,0	4,0	17,0	100
20710MC94	60-80	29,6	0,75	10,5	9,0	14,0	4,0	15,0	100
20711MC94	70-90	29,6	0,75	10,5	9,0	14,0	4,0	13,0	50
20712MC94	80-100	29,6	0,75	10,5	9,0	14,0	4,0	11,0	50
20713MC94	90-110	29,6	0,75	10,5	9,0	14,0	4,0	10,0	25
20714MC94	100-120	29,6	0,75	10,5	9,0	14,0	4,0	9,0	25
20715MC94	110-130	29,6	0,75	10,5	9,0	14,0	4,0	8,0	25
20716MC94	120-140	29,6	0,75	10,5	9,0	14,0	4,0	7,0	25
20717MC94	130-150	29,6	0,75	10,5	9,0	14,0	4,0	6,0	25
20718MC94	140-160	29,6	0,75	10,5	9,0	14,0	4,0	5,0	25

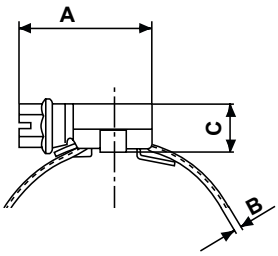
*** Der maximale Druck kann in Abhängigkeit von der Art des Schlauches variieren verwendet und der Geometrie des Kopplungs.**
The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.

SCHNECKENGEWINDESCHELLEN “L” W1
HOSE CLAMP “L” WORM DRIVE CLIP W1









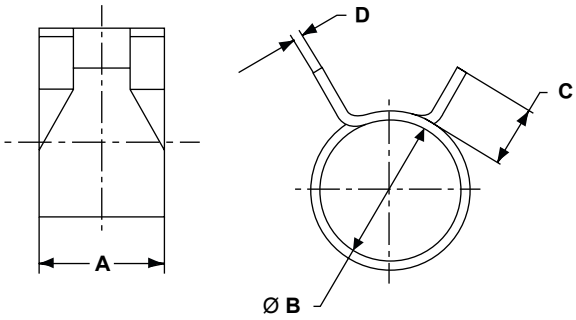
- **Material: Stahl** / *Material: mild steel*
- **Ausführung: verzinkt** / *Finish: zinc plated*
- **Bandmaterial und Kurbelgehäuse: verzinkter Stahl** / *Material band and housing: galvanized steel*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø mm	A max	B +0,10	C max	D +0,3 -0,2	E max	max.Anzugs-drehmoment Nm *Values*Torque (Nm)*	max. Drruckbelas-tung Bar *Pressure (Bar)Max. Values**	VPE-Stckz. *Moq-Pcs*
20700MD90	8-12	17.5	0,65	8.4	7	10,9	1,5	30	200
20701MD90	8-16	22,1	0,65	10,5	9	14,0	3,0	45	200
20702MD90	12-22	22,1	0,65	10,5	9	14,0	3,0	45	200
20703MD90	16-27	23,6	0,75	10,5	9	14,0	3,5	42	200
20704MD90	20-32	23,6	0,75	10,5	9	14,0	3,5	36	200
20705MD90	25-40	25,6	0,75	10,5	9	14,0	4,0	32	100
20706MD90	30-45	25,6	0,75	10,5	9	14,0	4,0	28	100
20707MD90	32-50	25,6	0,75	10,5	9	14,0	4,0	24	100
20708MD90	40-60	25,6	0,75	10,5	9	14,0	4,0	19	100
20709MD90	50-70	29,6	0,75	10,5	9	14,0	4,0	17	100
20710MD90	60-80	29,6	0,75	10,5	9	14,0	4,0	15	100
20711MD90	70-90	29,6	0,75	10,5	9	14,0	4,0	13	50
20712MD90	80-100	29,6	0,75	10,5	9	14,0	4,0	11	50
20713MD90	90-110	29,6	0,75	10,5	9	14,0	4,0	10	25
20714MD90	100-120	29,6	0,75	10,5	9	14,0	4,0	9	25
20715MD90	110-130	29,6	0,75	10,5	9	14,0	4,0	8	25
20716MD90	120-140	29,6	0,75	10,5	9	14,0	4,0	7	25
20717MD90	130-150	29,6	0,75	10,5	9	14,0	4,0	6	25
20718MD90	140-160	29,6	0,75	10,5	9	14,0	4,0	5	25

* **Der maximale Druck kann in Abhängigkeit von der Art des Schlauches variieren verwendet und der Geometrie des Kopplungs.**
The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.

FEDERSCHELLEN W1
SPRING CLIP W1



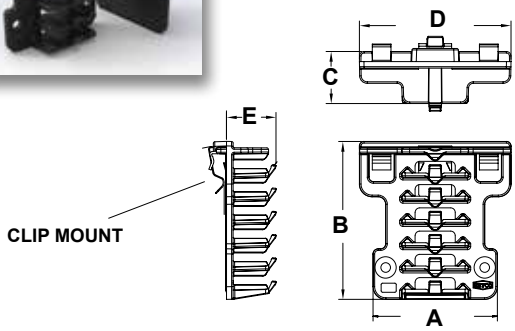


- **Material: Federstahl** / *Material: spring steel*
- **Ausführung: verzinkt** / *Finish: zinc plated*
- **B = Durchmesser des Kabels oder Rohres /** Cable or tube diameter
- **Alle Maße sind in mm /** *All dimensions are in mm*

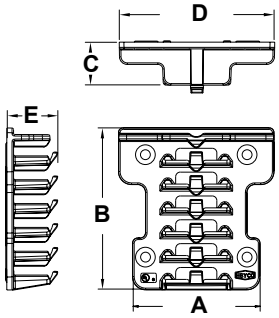
ARTIKEL *P/N*	A	Ø B	C ±0,1	D	VPE-Stckz. *Moq-Pcs*
20200MC94	7,0	Ø 5,5 ±0,1	3,0	0,5	500
20201MC94	7,0	Ø 6,4 ±0,1	3,0	0,5	500
20202MC94	8,0	Ø 7,4 ±0,15	3,0	0,6	500
20203MC94	8,0	Ø 8,4 ±0,15	3,5	0,6	500
20204MC94	8,0	Ø 9,3 ±0,2	3,5	0,7	500
20205MC94	8,0	Ø 10,3 ±0,2	4,0	0,7	500
20206MC94	8,0	Ø 11,1 ±0,2	4,0	0,7	500
20207MC94	8,0	Ø 12,9 ±0,2	4,0	0,8	500
20208MC94	8,0	Ø 13,5 ±0,2	4,5	0,8	500
20209MC94	8,0	Ø 15,6 ±0,2	4,5	0,8	500
20210MC94	8,0	Ø 18,4 ±0,2	3,2	0,8	500



TYPE 1



TYPE 2

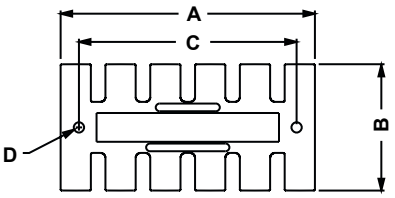


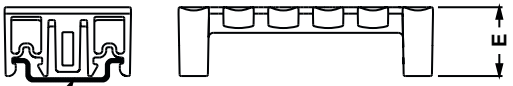
- **Material:** / *Material:*
  Halter / *Fastener:* PPE+PS Noryl Blend
  Cliphalterung / *Clipmount:* Edelstehl 1.4319
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +95°C**
- **Entflammbarkeit** / UL *Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Type	A	B	C	D	E	Kabel Ø *Cable Ø*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18471PP01	1	62,5	79,5	26,2	76,2	24,9	Ø 32,5	1,5 - 6,4	CLIP MOUNT	100
18472PP01	2	62,5	79,5	26,2	76,2	24,9	Ø 50,5	-	FLUSH MOUNT	100









GUIDA DIN
DIN GUIDE



MONTAGEVARIANTE
ASSEMBLY
- **16310AA01**



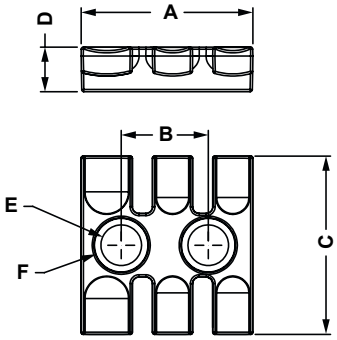
MONTAGEVARIANTE
ASSEMBLY
- **16307AA01**
- **16308AA01**
- **16309AA01**

HALOGEN FREE
SILICONE FREE
UV ISO 4892-2A
RoHS COMPLIANT

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +140°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anzahl Leitungen Quantity *Cable*	VPE-Stckz. *Moq-Pcs*
16307AA01	38,5	39,5	28,3	2 x Ø3,2	21,5	3	10
16308AA01	79,5	39,5	68,0	2 x Ø3,2	21,5	6	10
16309AA01	139,5	39,5	128,1	2 x Ø3,2	21,5	9	10
16310AA01	188,0	39,5	157,0	2 x Ø3,2	21,5	12	10





HALOGEN FREE

SILICONE FREE

UV ISO 4892-2A

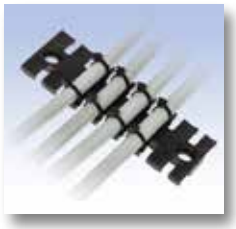
RoHS COMPLIANT

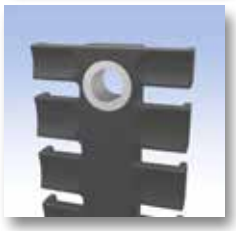
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +140°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

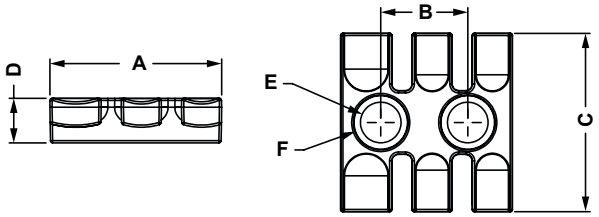
ARTIKEL *P/N*	A	B	C	D	E	F	Anzahl Leitungen Quantity *Cable*	VPE-Stckz. *Moq-Pcs*
16322AA01	38,5	19,5	40,0	10,0	Ø9,1	Ø12,0	3	10
16323AA01	59,5	43,5	40,0	10,0	Ø9,1	Ø12,0	4	10
16324AA01	69,1	43,5	40,0	10,0	Ø9,1	Ø12,0	5	10
16325AA01	86,5	68,0	40,0	10,0	Ø9,1	Ø12,0	6	10
16326AA01	102,5	84,0	40,0	10,0	Ø9,1	Ø12,0	7	10
16327AA01	121,0	102,5	40,0	10,0	Ø9,1	Ø12,0	8	10
16328AA01	139,5	121,0	40,0	10,0	Ø9,1	Ø12,0	9	10
16329AA01	180,0	157,0	40,0	10,0	Ø9,1	Ø12,0	12	10

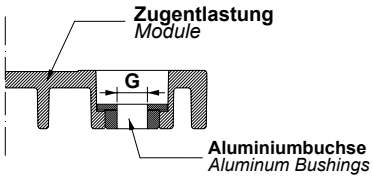
ZUGENTLASTUNGSLEISTE MIT ALUMINIUMBUCHSEN
STRAIN RELIEF BAR WITH ALUMINIUM BUSHING

fastpoint









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SILICONE FREE

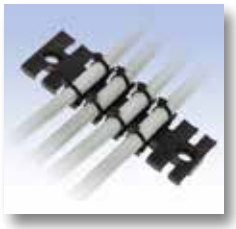
UV ISO 4892-2A

RoHS COMPLIANT

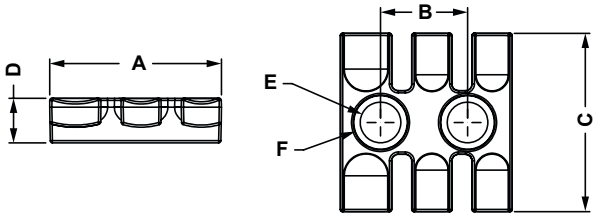
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +140°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

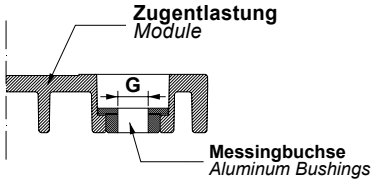
ARTIKEL *P/N*	A	B	C	D	E	F	G	Anzahl Leitungen Quantity *Cable*	VPE-Stckz. *Moq-Pcs*
16331AA01	38,5	19,5	40,0	10,0	Ø9,1	Ø12,0	M4	3	10
16332AA01	59,5	43,5	40,0	10,0	Ø9,1	Ø12,0	M4	4	10
16333AA01	69,1	43,5	40,0	10,0	Ø9,1	Ø12,0	M4	5	10
16334AA01	86,5	68,0	40,0	10,0	Ø9,1	Ø12,0	M4	6	10
16335AA01	102,5	84,0	40,0	10,0	Ø9,1	Ø12,0	M4	7	10
16336AA01	121,0	102,5	40,0	10,0	Ø9,1	Ø12,0	M4	8	10
16337AA01	139,5	121,0	40,0	10,0	Ø9,1	Ø12,0	M4	9	10
16338AA01	180,0	157,0	40,0	10,0	Ø9,1	Ø12,0	M4	12	10
16339AA01	38,5	19,5	40,0	10,0	Ø9,1	Ø12,0	M5	3	10
16340AA01	59,5	43,5	40,0	10,0	Ø9,1	Ø12,0	M5	4	10
16341AA01	69,1	43,5	40,0	10,0	Ø9,1	Ø12,0	M5	5	10
16342AA01	86,5	68,0	40,0	10,0	Ø9,1	Ø12,0	M5	6	10
16343AA01	102,5	84,0	40,0	10,0	Ø9,1	Ø12,0	M5	7	10
16344AA01	121,0	102,5	40,0	10,0	Ø9,1	Ø12,0	M5	8	10
16345AA01	139,5	121,0	40,0	10,0	Ø9,1	Ø12,0	M5	9	10
16346AA01	180,0	157,0	40,0	10,0	Ø9,1	Ø12,0	M5	12	10
16347AA01	38,5	19,5	40,0	10,0	Ø9,1	Ø12,0	M6	3	10
16348AA01	59,5	43,5	40,0	10,0	Ø9,1	Ø12,0	M6	4	10
16349AA01	69,1	43,5	40,0	10,0	Ø9,1	Ø12,0	M6	5	10
16350AA01	86,5	68,0	40,0	10,0	Ø9,1	Ø12,0	M6	6	10
16351AA01	102,5	84,0	40,0	10,0	Ø9,1	Ø12,0	M6	7	10
16352AA01	121,0	102,5	40,0	10,0	Ø9,1	Ø12,0	M6	8	10
16353AA01	139,5	121,0	40,0	10,0	Ø9,1	Ø12,0	M6	9	10
16354AA01	180,0	157,0	40,0	10,0	Ø9,1	Ø12,0	M6	12	10

ZUGENTLASTUNGSLEISTE MIT MESSINGBUCHSEN
STRAIN RELIEF BAR WITH BRASS









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SILICONE FREE

UV ISO 4892-2A

RoHS COMPLIANT

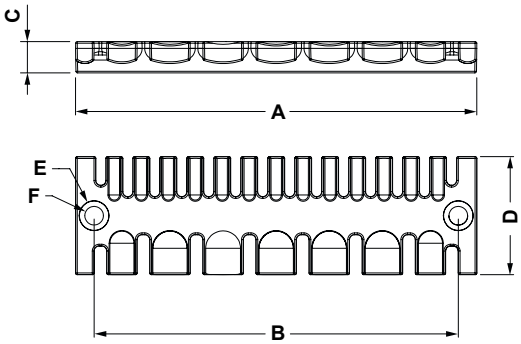
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +140°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

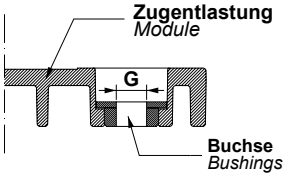
ARTIKEL *P/N*	A	B	C	D	E	F	G	Anzahl Leitungen Quantity *Cable*	VPE-Stckz. *Moq-Pcs*
16355AA01	38,5	19,5	40,0	10,0	Ø9,1	Ø12,0	M4	3	10
16356AA01	59,5	43,5	40,0	10,0	Ø9,1	Ø12,0	M4	4	10
16357AA01	69,1	43,5	40,0	10,0	Ø9,1	Ø12,0	M4	5	10
16358AA01	86,5	68,0	40,0	10,0	Ø9,1	Ø12,0	M4	6	10
16359AA01	102,5	84,0	40,0	10,0	Ø9,1	Ø12,0	M4	7	10
16360AA01	121,0	102,5	40,0	10,0	Ø9,1	Ø12,0	M4	8	10
16361AA01	139,5	121,0	40,0	10,0	Ø9,1	Ø12,0	M4	9	10
16362AA01	180,0	157,0	40,0	10,0	Ø9,1	Ø12,0	M4	12	10
16363AA01	38,5	19,5	40,0	10,0	Ø9,1	Ø12,0	M5	3	10
16364AA01	59,5	43,5	40,0	10,0	Ø9,1	Ø12,0	M5	4	10
16365AA01	69,1	43,5	40,0	10,0	Ø9,1	Ø12,0	M5	5	10
16366AA01	86,5	68,0	40,0	10,0	Ø9,1	Ø12,0	M5	6	10
16367AA01	102,5	84,0	40,0	10,0	Ø9,1	Ø12,0	M5	7	10
16368AA01	121,0	102,5	40,0	10,0	Ø9,1	Ø12,0	M5	8	10
16369AA01	139,5	121,0	40,0	10,0	Ø9,1	Ø12,0	M5	9	10
16370AA01	180,0	157,0	40,0	10,0	Ø9,1	Ø12,0	M5	12	10
16371AA01	38,5	19,5	40,0	10,0	Ø9,1	Ø12,0	M6	3	10
16372AA01	59,5	43,5	40,0	10,0	Ø9,1	Ø12,0	M6	4	10
16373AA01	69,1	43,5	40,0	10,0	Ø9,1	Ø12,0	M6	5	10
16374AA01	86,5	68,0	40,0	10,0	Ø9,1	Ø12,0	M6	6	10
16375AA01	102,5	84,0	40,0	10,0	Ø9,1	Ø12,0	M6	7	10
16376AA01	121,0	102,5	40,0	10,0	Ø9,1	Ø12,0	M6	8	10
16377AA01	139,5	121,0	40,0	10,0	Ø9,1	Ø12,0	M6	9	10
16378AA01	180,0	157,0	40,0	10,0	Ø9,1	Ø12,0	M6	12	10

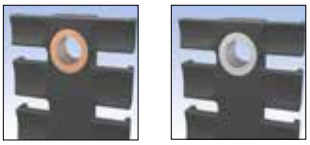
ZUGENTLASTUNGSLEISTE MIT DOPPELKAMM
STRAIN RELIEF BAR WITH DOUBLE COMB











HALOGEN FREE

SILICONE FREE

UV ISO 4892-2A

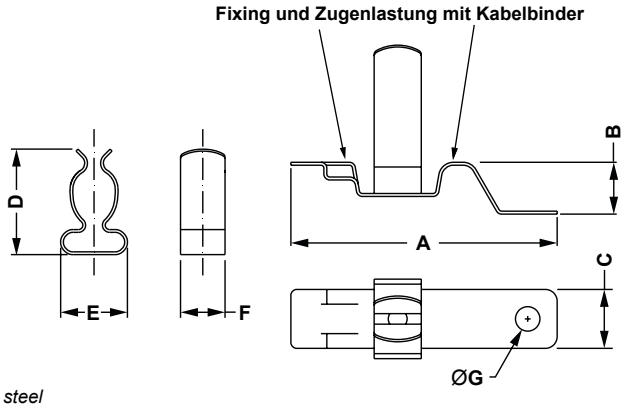
RoHS COMPLIANT

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +140°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anzahl Leitungen Quantity *Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16311AA01	63,4	42,0	9,3	35,0	Ø8,7	Ø5,5	-	4 & 7	-	10
16312AA01	95,0	74,5	9,3	35,0	Ø8,7	Ø5,5	-	6 & 11	-	10
16313AA01	119,0	108,0	9,3	35,0	Ø8,7	Ø5,5	-	7 & 13	-	10
16315AA01	63,4	42,0	9,3	35,0	Ø8,7	Ø5,5	M4	4 & 7	**Aluminiumbuchse** *Aluminum bushings*	10
16316AA01	95,0	74,5	9,3	35,0	Ø8,7	Ø5,5	M4	6 & 11	**Aluminiumbuchse** *Aluminum bushings*	10
16317AA01	119,0	108,0	9,3	35,0	Ø8,7	Ø5,5	M4	7 & 13	**Aluminiumbuchse** *Aluminum bushings*	10
16318AA01	63,4	42,0	9,3	35,0	Ø8,7	Ø5,5	M4	4 & 7	**Messingbuchse** *Brass bushings*	10
16319AA01	95,0	74,5	9,3	35,0	Ø8,7	Ø5,5	M4	6 & 11	**Messingbuchse** *Brass bushings*	10
16320AA01	119,0	108,0	9,3	35,0	Ø8,7	Ø5,5	M4	7 & 13	**Messingbuchse** *Brass bushings*	10

EMV SCHIRMKLAMMER FÜR SAMMELSCHIENE 10X3 MM
SHIELD CLAMPS FOR 10 X 3 MM BAR



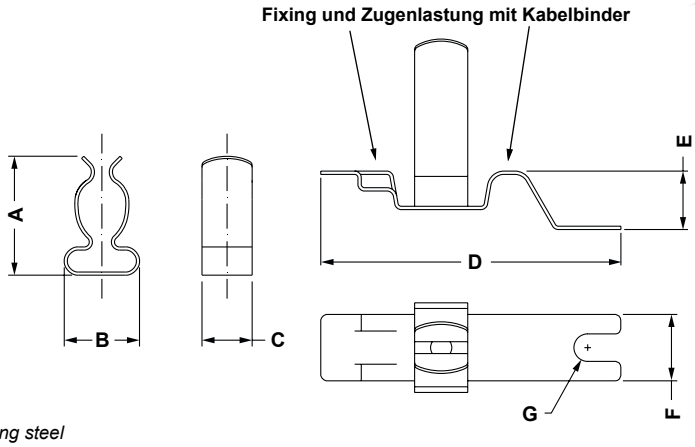


- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16409MC94	44,2	8,8	10,0	12,0	11,0	8,0	Ø 4,1	Ø 1,5 - 3,0		50
16410MC94	44,2	8,8	10,0	14,0	11,0	8,0	Ø 4,1	Ø 3,0 - 6,0		50
16411MC94	44,2	8,8	10,0	17,0	11,0	8,0	Ø 4,1	Ø 6,0 - 8,0		50
16412MC94	44,2	8,8	10,0	19,0	12,0	8,0	Ø 4,1	Ø 8,0 - 11,0		50
16413MC94	44,2	8,8	10,0	25,0	13,5	8,0	Ø 4,1	Ø 11,0 - 17,0		50





- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*

Alle Maße sind in mm / *All dimensions are in mm*

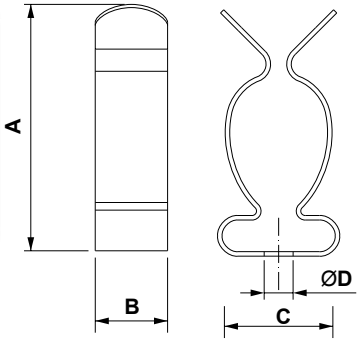
ARTIKEL *P/N*	A	B	C	D	E	F	G	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16415MC94	12,0	11,0	8,0	45,2	8,8	10,0	Ø 4,1	Ø 1,5 - 3,0		50
16416MC94	14,0	11,0	8,0	45,2	8,8	10,0	Ø 4,1	Ø 3,0 - 6,0		50
16417MC94	17,0	11,0	8,0	45,2	8,8	10,0	Ø 4,1	Ø 6,0 - 8,0		50
16418MC94	19,0	12,0	8,0	45,2	8,8	10,0	Ø 4,1	Ø 8,0 - 11,0		50
16419MC94	25,0	13,5	8,0	45,2	8,8	10,0	Ø 4,1	Ø 11,0 - 17,0		50
19185MC94	37,0	22,0	8,0	45,2	8,8	10,0	Ø 4,1	Ø 18,0 - 22,0		50
19186MC94	46,5	22,5	12,0	45,2	8,8	10,0	Ø 4,1	Ø 22,0 - 30,0		50

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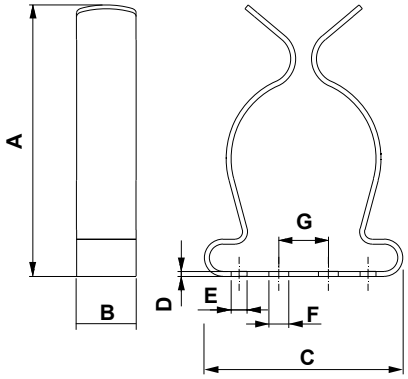




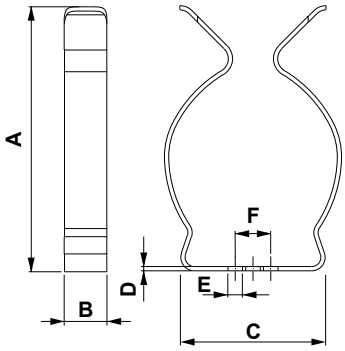
TYPE 1



TYPE 2



TYPE 3

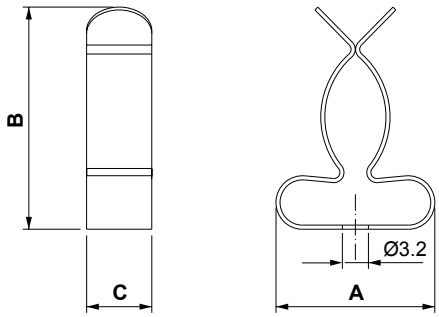




- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE *Type*	A	B	C	D	E	F	G	Kabel Ø *Cable Ø*	VPE-Stckz. *Moq-Pcs*
15235MC94	**1**	12,1	8,0	11,0	Ø 3,2	-	-	-	Ø 1,5 - 3,0	50
15236MC94	**1**	16,0	8,0	11,0	Ø 3,2	-	-	-	Ø 3,0 - 6,0	50
13157MC94	**1**	18,5	8,0	11,0	Ø 3,2	-	-	-	Ø 7,0 - 9,0	50
15238MC94	**1**	22,0	8,0	12,0	Ø 3,2	-	-	-	Ø 9,0 - 12,0	50
15239MC94	**1**	27,0	8,0	13,5	Ø 3,2	-	-	-	Ø 11,0 - 17,0	50
15240MC94	**1**	36,5	8,0	22,0	Ø 3,2	-	-	-	Ø 18,0 - 22,0	50
15241MC94	**1**	40,3	12,0	22,3	Ø 3,2	-	-	-	Ø 22,0 - 30,0	50
16390MC94	**2**	54,7	12,0	40,0	1,0	Ø 3,2	Ø 4,0	10,0	Ø 30,0 - 37,0	50
16391MC94	**2**	64,1	12,0	40,0	1,0	Ø 3,2	Ø 4,0	10,0	Ø 38,0 - 48,0	50
			12,0							
19135MC94	**3**	74,5	12,0	50,0	1,2	Ø 4,1	10,0	-	Ø 50,0 - 60,0	10
19136MC94	**3**	88,0	12,0	62,0	1,5	Ø 4,1	10,0	-	Ø 62,0 - 74,0	10

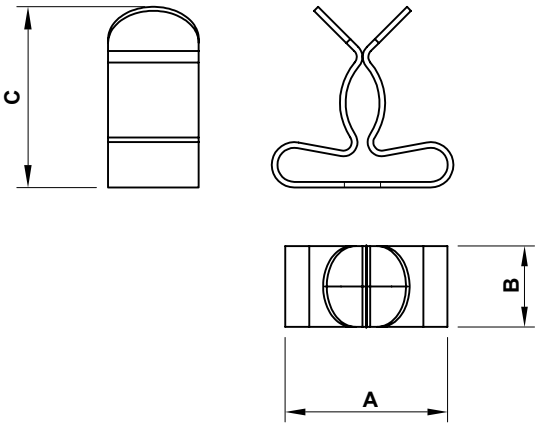




- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19137MC94	16,5	20,6	8,0	Ø 3,0 - 9,0		50
19138MC94	19,5	27,0	8,0	Ø 10,0 - 19,0		50





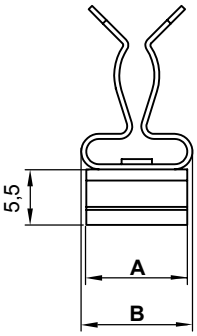
- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

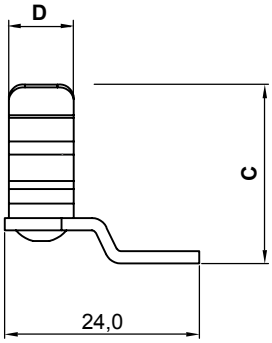
ARTIKEL *P/N*	A	B	C	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19139MC94	16,0	8,0	15,9	Ø 3,0 - 12,0		50

EMV SCHIRMKLAMMERN MIT SCHRAUBBEFESTIGUNG
EMISHIELD CLAMPS WITH SCREW FIXING





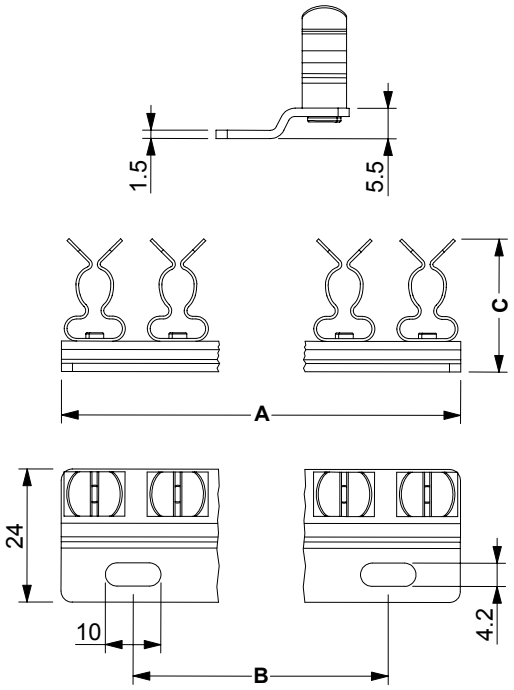




- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19152MC94	10,0	11,0	21,5	11,0	Ø 3,0 - 6,0		50
19153MC94	10,0	11,0	24,0	11,0	Ø 7,0 - 9,0		50
19154MC94	12,0	12,0	27,5	12,0	Ø 9,0 - 12,0		50
19155MC94	10,0	16,5	22,0	8,0	Ø 3,0 - 9,0		50





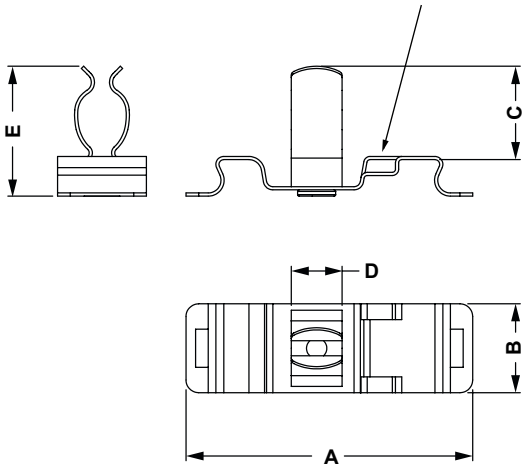
- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19156MC94	46,0	30,0	19,1	3 x Ø 1,5 - 3,0		1
19157MC94	46,0	30,0	21,6	3 x Ø 3,0 - 6,0		1
19158MC94	46,0	30,0	24,0	3 x Ø 7,0 - 9,0		1
19159MC94	46,0	30,0	27,2	3 x Ø 9,0 - 12,0		1
19160MC94	61,0	30,0	19,1	4 x Ø 1,5 - 3,0		1
19161MC94	61,0	30,0	21,6	4 x Ø 3,0 - 6,0		1
19162MC94	61,0	30,0	24,0	4 x Ø 7,0 - 9,0		1
19163MC94	61,0	30,0	27,2	4 x Ø 9,0 - 12,0		1
19164MC94	88,0	62,0	21,6	6 x Ø 3,0 - 6,0		1
19165MC94	88,0	62,0	24,0	6 x Ø 7,0 - 9,0		1
19166MC94	88,0	62,0	27,2	6 x Ø 9,0 - 12,0		1
19167MC94	150,0	126,0	19,1	10 x Ø 1,5 - 3,0		1
19168MC94	150,0	126,0	21,6	10 x Ø 3,0 - 6,0		1
19169MC94	182,0	156,0	19,1	12 x Ø 1,5 - 3,0		1
19170MC94	182,0	156,0	21,6	12 x Ø 3,0 - 6,0		1
19171MC94	182,0	156,0	24,0	12 x Ø 7,0 - 9,0		1





Fixing und Zugenlastung mit Kabelbinder



- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*

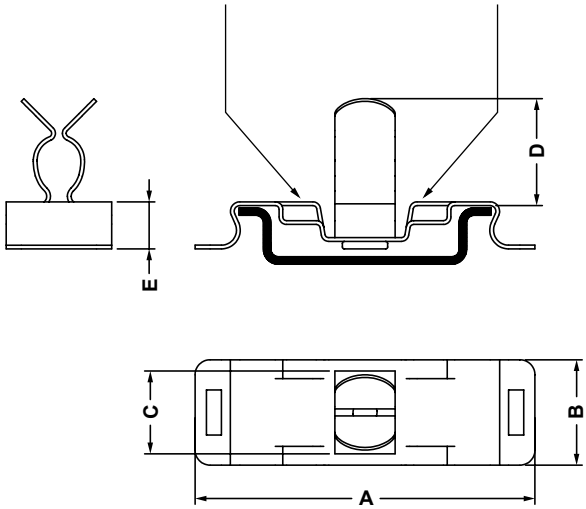
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16399MC94	42,6	22,0	36,0	12,0	41,6	Ø 22,0 - 30,0		50
16400MC94	42,6	22,0	50,5	12,0	56,0	Ø 30,0 - 37,0		50
16401MC94	42,6	22,0	59,8	12,0	65,4	Ø 38,0 - 48,0		50
19150MC94	45,1	22,0	70,3	12,0	75,0	Ø 50,0 - 60,0		10
19151MC94	45,1	22,0	83,8	12,0	89,0	Ø 62,0 - 74,0		10



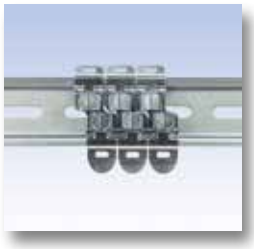


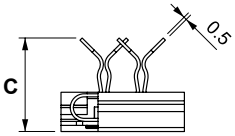
Fixierung und Zugentlastung

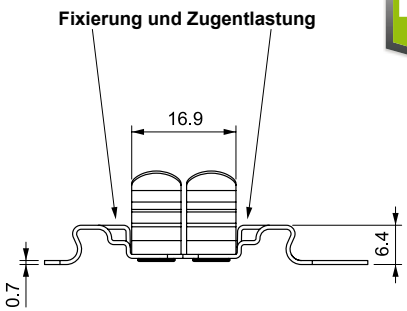


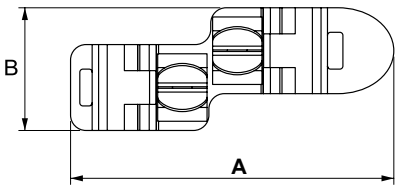
- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
13129MC94	45,1	14,0	11,0	12,0	6,2	Ø 1,5 - 3,0		50
13147MC94	45,1	14,0	11,0	14,0	6,2	Ø 3,0 - 6,0		50
13148MC94	45,1	14,0	11,0	17,0	6,2	Ø 6,0 - 8,0		50
13149MC94	45,1	14,0	12,0	19,0	6,2	Ø 8,0 - 11,0		50
13150MC94	45,1	14,0	13,5	25,0	6,2	Ø 11,0 - 17,0		50
13151MC94	45,1	14,0	22,0	34,0	6,2	Ø 17,0 - 22,0		50
15248MC94	45,1	22,0	8,0	14,0	16,5	Ø 3,0 - 9,0		50
15249MC94	45,1	28,5	8,0	14,0	19,5	Ø 10,0 - 19,0		50









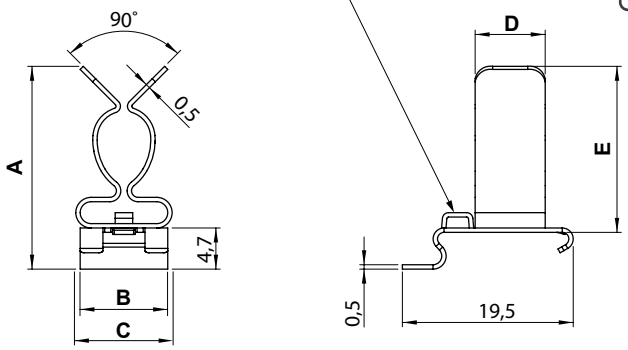
- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19140MC94	52,4	20,0	15,5	Ø 1,5 - 3,0		50
19141MC94	52,4	20,0	18,0	Ø 3,0 - 6,0		50
19142MC94	52,4	20,0	18,0	Ø 1,5 - 6,0		50
						50





Fixierung und Zugentlastung



- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**Kabel Ø** *Cable Ø*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
19190MC94	18,3	10,0	11,0	8,0	14,1	Ø 1,5 - 3,0		50
19191MC94	21,0	10,0	11,0	8,0	17,0	Ø 3,0 - 6,0		50
19192MC94	23,2	10,0	11,0	8,0	19,0	Ø 7,0 - 9,0		50

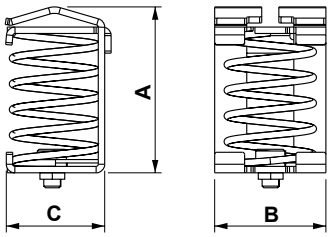




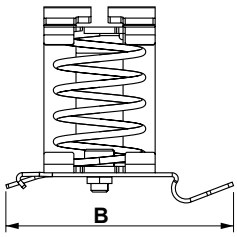
new PRODUCT

RoHS COMPLIANT

TYPE 1



TYPE 2

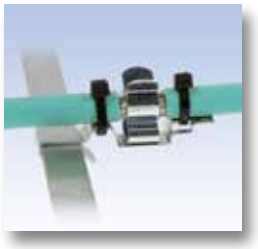


Material: Federstahl / *Material: Spring steel*

Alle Maße sind in mm / *All dimensions are in mm*

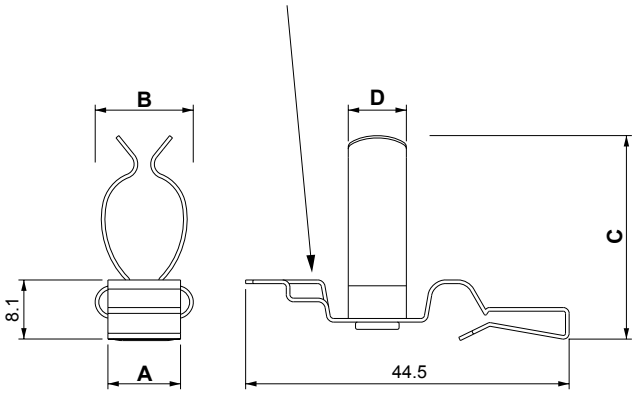
ARTIKEL *P/N*	TYPE	A	B	C	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19144MC94	**1**	30,0	18,0	15,0	Ø 4,0 - 13,5		10
19146MC94	**1**	40,0	26,0	25,0	Ø 10,0 - 20,0		10
19148MC94	**1**	64,0	32,0	36,0	Ø 15,0 - 32,0		10
19143MC94	**2**	26,0	50,0	14,5	Ø 3,0 - 8,0		10
19145MC94	**2**	30,0	50,5	20,5	Ø 4,0 - 13,5		10
19147MC94	**2**	40,0	50,5	25,5	Ø 10,0 - 20,0		10
19149MC94	**2**	64,0	50,5	34,5	Ø 15,0 - 32,0		10

EMV SCHIRMKLAMMERN FÜR SAMMELSCHIENE 10X3MM
EMI SHIELD CLAMPS FOR BAR MOUNTING 10 x 3mm





Fixierung und Zugentlastung mit Kabelbinder

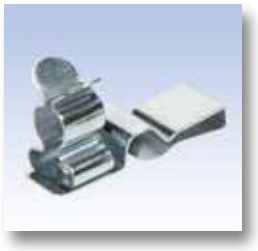


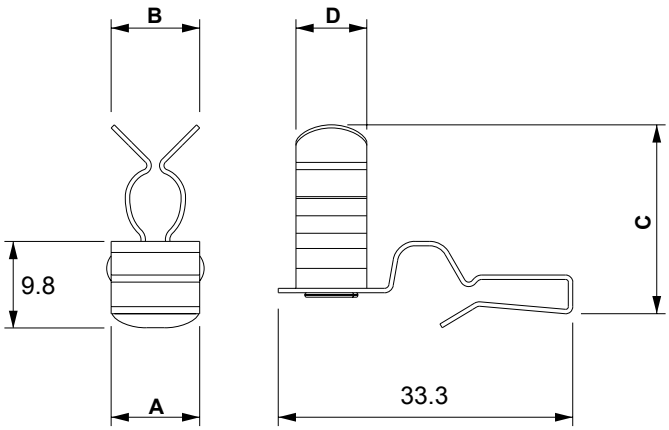
- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19172MC94	10	22,0	37,0	8,0	Ø 18,0 - 22,0		50
19173MC94	10	22,5	46,5	12,0	Ø 22,0 - 30,0		50
19174MC94	10	16,5	23,5	8,0	Ø 3,0 - 9,0		50
19175MC94	10	19,5	30,0	8,0	Ø 10,0 - 19,0		50
16403MC94	8,0	11,0	12,0	8,0	Ø 1,5 - 3,0		50
16404MC94	8,0	11,0	14,0	8,0	Ø 3,0 - 6,0		50
16405MC94	8,0	11,0	17,0	8,0	Ø 6,0 - 8,0		50
16406MC94	8,0	12,0	19,0	8,0	Ø 8,0 - 11,0		50
16407MC94	8,0	13,5	25,0	8,0	Ø 11,0 - 17,0		50

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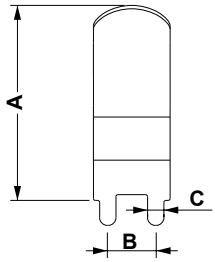
- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

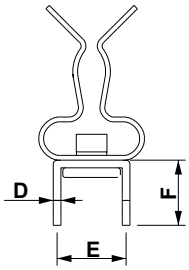
ARTIKEL *P/N*	A	B	C	D	Kabel Ø *Cable Ø*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19176MC94	10,0	11,0	16,5	8,0	Ø 1,5 - 3,0		50
19177MC94	10,0	11,0	19,0	8,0	Ø 3,0 - 6,0		50
19178MC94	10,0	11,0	21,5	8,0	Ø 7,0 - 9,0		50
19179MC94	10,0	12,0	24,5	8,0	Ø 9,0 - 12,0		50
19180MC94	10,0	13,5	30,0	8,0	Ø 11,0 - 17,0		50
19181MC94	10,0	22,0	39,5	8,0	Ø 18,0 - 22,0		50
19182MC94	10,0	22,5	46,5	12,0	Ø 22,0 - 30,0		50
19183MC94	10,0	16,5	23,57	8,0	Ø 3,0 - 9,0		50
19184MC94	10,0	19,5	29,94	8,0	Ø 10,0 - 19,0		50

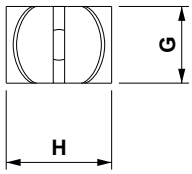
EMV SCHIRMKLAMMERN FÜR LEITERPLATTEN
EMI SHIELD CLAMPS FOR PRINTED CIRCUIT BOARDS











- **Material: Federstahl** / *Material: Spring steel*
- **Oberfläche: verzinkt** / *Surface: Zinc plated*
- **Kontaktfuss: Messing verzinnt** / *Base: Tinned brass*

- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Kabel Ø *Cable Ø*	VPE-Stckz. *Moq-Pcs*
19187MC94	18,0	5,1	1,7	0,8	7,2	6,8	8,0	11,0	Ø 1,5 - 3,0	50
19188MC94	20,5	5,1	1,7	0,8	7,2	6,8	8,0	11,0	Ø 3,0 - 6,0	50
19189MC94	23,0	5,1	1,7	0,8	7,2	6,8	8,0	11,0	Ø 7,0 - 9,0	50

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20

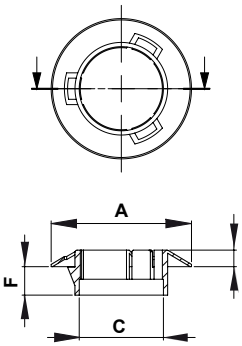


fastpoint

Kabeldurchführung - Kabelschutzelemente /
Cable Bushings - Cable Protection

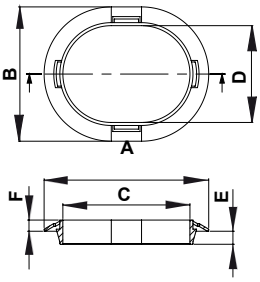
TYPE 1





TYPE 2



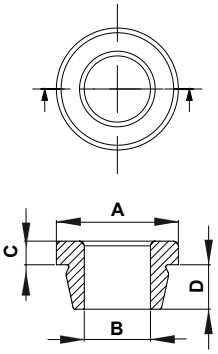


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	**A**	**B**	**C**	**D**	**E**	**F**	**Bohrung** *Hole*	**Stärke** *Thickness*	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
0084AA00	1	25,0	-	15,5	-	2,5	5,5	Ø 18,0	0,5 - 1,2	**Natur oder Schwarz** / *Natural or Black*	2.500
0132AA00	2	53,0	43,0	40,0	30,0	2,0	6,0	45,0 X 35,5	0,5 - 1,2	**Natur** / *Natural*	1.000

Um Typ 1 in Schwarz zu bestellen, ersetzen Sie 'AA00' durch 'AA01'. / *To order Type 1 in Black replace "AA00" with "AA01"*



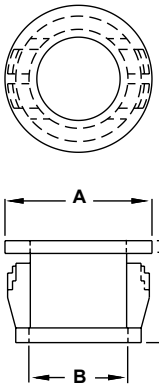


- **Material: Polyethylen PE /** *Material: Polyethylene PE*
- **Temperaturbereich /** Working temperature**: -30°C ~ +70°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** */ Colour: see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Bohrung** *Hole*	**Stärke** *Thickness*	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
1061EA00	9,5	5,0	2,0	4,0	Ø 7,5	0,8 - 1,0	**Natur oder Schwarz** / *Natural or Black*	1.000
1062EA00	11,3	6,2	2,0	5,8	Ø 9,0	0,8 - 1,0	**Natur oder Schwarz** / *Natural or Black*	1.000
1063EA00	12,5	7,0	1,8	4,8	Ø 10,0	0,8 - 1,0	**Natur oder Schwarz** / *Natural or Black*	1.000
2952EA00	13,0	7,3	2,5	4,9	Ø 10,0	0,8 - 1,0	**Natur** / *Natural*	1.000

Um die ersten drei Produkte in Schwarz zu bestellen, ersetzen Sie 'EA00' durch 'EA01' */To order the first three products in Black replace "EA00" with "EA01"*



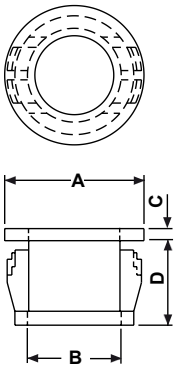


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	C	D	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
5800AA01	7,9	3,2	1,6	6,3	Ø 6,4	1,0		5.000
5801AA01	7,9	3,6	1,6	6,3	Ø 6,4	1,6		1.000
5802AA01	9,5	4,8	1,6	6,3	Ø 7,9	1,6		2.500
5803AA01	11,9	4,8	1,6	8,7	Ø 9,5	3,2		1.000
5804AA01	11,9	6,4	1,6	8,7	Ø 9,5	3,2		1.000
5805AA01	11,9	7,1	1,6	8,7	Ø 9,5	4,3		1.000
5806AA01	13,5	6,8	1,6	8,7	Ø 11,1	3,2		7.500
5807AA01	13,5	7,9	1,6	8,7	Ø 11,1	3,2		1.000
5808AA01	13,5	6,2	1,6	8,7	Ø 11,1	3,2		1.000
5809AA01	14,7	6,4	1,6	8,7	Ø 12,7	3,2		7.500
5810AA01	14,7	7,9	1,6	8,7	Ø 12,7	3,2		1.000
5811AA01	14,7	9,9	1,6	8,7	Ø 12,7	3,2		1.000
5812AA01	16,7	7,9	1,6	8,7	Ø 14,3	3,2		1.000
5813AA01	16,7	9,9	1,6	8,7	Ø 14,3	3,2		1.000
5814AA01	16,7	11,1	1,6	8,7	Ø 14,3	3,2		1.000
5816AA01	18,2	11,1	1,6	8,7	Ø 15,9	3,2		1.000
5817AA01	18,2	12,7	1,6	8,7	Ø 15,9	3,2		1.000
5818AA01	17,9	12,7	1,6	11,9	Ø 15,9	6,4		1.000
5819AA01	19,8	12,7	1,6	8,7	Ø 17,4	3,2		7.500
5820AA01	19,8	14,3	1,6	8,7	Ø 17,4	3,2		1.000
5821AA01	21,4	9,9	1,6	8,7	Ø 19,1	3,2		500



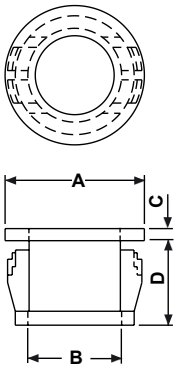


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	C	D	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
5822AA01	21,4	12,7	1,6	8,7	Ø 19,1	3,2		500
5823AA01	21,4	14,3	1,6	8,7	Ø 19,1	3,2		500
5824AA01	21,4	15,5	1,6	8,7	Ø 19,1	3,2		1.000
5825AA01	21,0	15,9	1,6	11,9	Ø 19,1	6,4		1.000
5826AA01	22,6	14,3	1,6	8,7	Ø 20,6	3,2		1.000
5827AA01	22,6	15,9	1,6	8,7	Ø 20,6	3,2		1.000
5828AA01	24,2	9,5	2,31	9,19	Ø 22,2	3,2		10.000
5829AA01	24,2	11,1	2,31	9,19	Ø 22,2	3,2		10.000
5830AA01	24,2	12,7	2,31	9,19	Ø 22,2	3,2		10.000
5831AA01	24,2	14,3	2,31	9,19	Ø 22,2	3,2		10.000
5832AA01	24,2	15,9	2,31	9,19	Ø 22,2	3,2		10.000
5833AA01	24,2	17,5	1,6	9,9	Ø 22,2	3,2		1.000
5834AA01	28,6	19,4	1,6	9,9	Ø 25,5	3,2		1.000
5835AA01	30,9	20,6	1,6	9,9	Ø 27,8 - 28,6	3,2		1.000
5836AA01	30,9	22,2	1,6	9,9	Ø 27,8 - 28,6	3,2		1.000
5837AA01	30,9	23,8	1,6	9,9	Ø 27,8 - 28,6	3,2		1.000
5838AA01	33,3	23,8	1,6	9,9	Ø 30,1	3,2		1.000
5839AA01	34,5	23,8	1,6	9,9	Ø 31,8	3,2		1.000
5840AA01	34,5	25,5	1,6	9,9	Ø 31,8	3,2		1.000
5841AA01	37,9	22,2	2,3	9,0	Ø 34,9	3,2		500



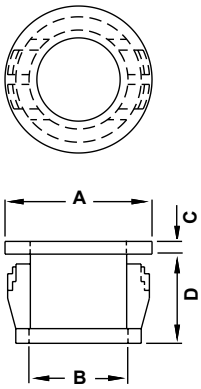


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	C	D	**Bohrung** *Hole*	**Mth**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
5842AA01	37,3	25,8	1,6	9.9	Ø 34,9	3,2		500
5843AA01	40,9	27,0	1,6	9,9	Ø 38,1	3,2		500
5844AA01	40,9	28,5	1,6	9,9	Ø 38,1	3,2		500
5845AA01	40,9	33,3	1,6	9,9	Ø 38,1	3,2		500
5846AA01	47,6	35,0	1,6	9,9	Ø 44,5	3,2		500
5847AA01	54,0	41,3	1,6	9,9	Ø 50,8	3,2		500
5848AA01	63,1	47,1	1,6	18,3	Ø 57,2	6,4		500
18419AA01	28,8	20,3	1,6	12,7	Ø 25,4	4,3		1.000
17603AA01	14,7	9,9	1,6	12,7	Ø 12,7	6,4		1.750
17604AA01	24,2	12,7	1,57	9,19	Ø 22,2	6,4		1.500
17605AA01	28,6	19,4	1,6	12,7	Ø 25,4	6,4		1.500
17606AA01	30,9	23,8	1,6	12,7	Ø 27,8 - 28,6	6,4		1.500
17607AA01	33,3	23,8	1,6	12,7	Ø 30,2	6,4		500
17608AA01	25,4	33,2	1,6	12,7	Ø 31,8	6,4		2.500
17609AA01	38,1	25,4	1,6	12,7	Ø 34,9	6,4		500
17610AA01	41,2	33,3	1,6	12,7	Ø 38,1	6,4		500
17857AA01	34,9	47,6	1,6	12,7	Ø 44,5	6,4		1.000
17858AA01	54,0	41,3	1,6	12,7	Ø 50,8	6,4		1.000
5849AA01	67,5	50,0	1,6	18,3	Ø 63,5	6,4		500
5850AA01	80,0	62,7	1,6	19,1	Ø 76,2	6,4		300
5851AA01	92,8	74,6	1,6	16,7	Ø 88,9	6,4		100
5852AA01	105,6	88,1	1,6	16,7	Ø 101,6	6,4		100



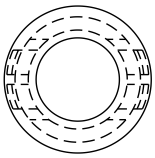


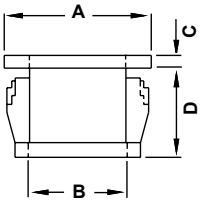
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	C	D	**Bohrung** *Hole*	**Mth**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
5860AA01	6,3	3,2	1,6	4,4	Ø 4,7	1,6		1.000
5861AA01	7,1	3,2	1,6	4,4	Ø 5,5	1,6		1.000
5862AA01	8,7	5,5	1,6	4,4	Ø 7,1	1,6		1.000
5863AA01	9,5	6,3	1,6	4,4	Ø 7,9	1,6		2.500
5864AA01	10,3	5,5	1,6	4,7	Ø 8,7	1,6		1.000
5865AA01	11,1	6,3	1,6	4,7	Ø 9,5	1,6		2.500
5866AA01	11,9	7,1	1,6	4,7	Ø 10,3	1,6		1.000
5867AA01	12,7	7,9	1,6	4,7	Ø 11,1	1,6		1.000
5868AA01	13,5	8,7	1,6	4,7	Ø 11,9	1,6		1.000
5869AA01	14,3	9,5	1,6	4,7	Ø 12,7	1,6		1.000
5870AA01	15,1	10,3	1,6	4,7	Ø 13,5	1,6		1.000
5871AA01	16,7	11,9	1,6	4,7	Ø 15,1	1,6		1.000
5872AA01	17,9	12,7	1,6	4,7	Ø 15,9	1,6		1.000
5873AA01	21,0	15,9	1,6	4,7	Ø 19,1	1,6		1.000
5874AA01	21,8	15,9	1,6	4,7	Ø 19,8	1,6		1.000
5875AA01	23,8	19,0	1,6	4,7	Ø 22,2	1,6		1.000
17611AA01	9,7	6,2	1,6	4,4	Ø 7,8	1,6		2.500
17612AA01	10,9	6,7	1,6	4,4	Ø 9,9	1,6		2.500
17613AA01	14,3	9,5	1,6	4,8	Ø 13,0	1,6		2.500
17614AA01	19,3	14,4	1,6	4,8	Ø 17,4	1,6		2.000
14219AA01	27,0	22,3	1,6	4,8	Ø 25,4	1,6		2.000
14220AA01	29,4	24,6	1,6	4,9	Ø 27,8	1,6		2.000





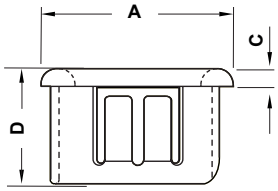


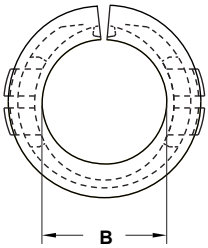
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	C	D	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
6742AA01	9,5	5,2	1,6	8,2	Ø 8,0	0,8 - 1,8		1.000
6743AA01	12,0	6,6	1,6	10,3	Ø 9,5	0,8 - 3,3		1.000
6744AA01	13,6	8,4	1,6	10,3	Ø 11,1	0,8 - 3,3		1.000
6745AA01	15,1	9,8	1,6	10,3	Ø 13,0	0,8 - 3,3		1.000
6746AA01	18,2	12,8	1,6	10,3	Ø 16,0	0,8 - 3,3		1.000
6881AA01	20,0	12,7	1,6	10,3	Ø 17,5	0,8 - 3,3		2.000
6747AA01	21,5	14,3	1,6	11,3	Ø 19,0	0,8 - 3,3		2.000
6759AA01	23,8	19,0	1,4	6,3	Ø 22,2	0,8 - 1,6		1.000
6748AA01	25,1	18,6	1,6	11,2	Ø 22,2	0,8 - 3,3		1.000
6749AA01	27,8	19,4	1,6	10,8	Ø 25,4	0,8 - 3,3		1.000
6750AA01	34,0	24,5	1,6	11,7	Ø 30,1	0,8 - 3,3		1.000
6760AA01	38,0	26,2	1,6	11,5	Ø 34,2	1,0 - 3,1		1.000
6882AA01	38,0	30,4	1,6	11,5	Ø 34,2	1,0 - 3,1		1.000
6751AA01	37,8	25,8	1,6	11,3	Ø 35,0	0,8 - 3,5		1.000
6752AA01	41,2	33,3	1,6	11,6	Ø 38,0	1,0 - 3,3		1.000
6883AA01	53,8	41,8	1,6	11,4	Ø 50,8	0,8 - 3,2		500
6884AA01	63,0	47,3	1,6	18,1	Ø 57,1	2,0 - 6,35		500
6885AA01	67,5	50,5	1,6	18,1	Ø 63,5	2,0 - 6,35		500





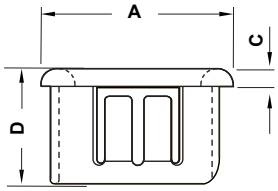


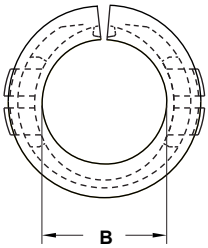
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
5890AA01	10,7	6,7	1,1	9,9	Ø 9,5	0,8 - 3,2		1.000
5891AA01	12,3	7,9	1,6	10,3	Ø 11,1	0,8 - 3,2		1.000
5892AA01	14,3	7,9	1,6	10,3	Ø 12,7	0,8 - 3,2		1.000
5893AA01	16,3	9,9	1,6	10,3	Ø 14,3	0,8 - 3,2		1.000
5894AA01	17,5	11,5	1,6	10,3	Ø 15,9	0,8 - 3,2		500
5895AA01	20,2	13,9	1,6	10,3	Ø 19,0	0,8 - 3,2		500
5896AA01	23,4	17,1	1,6	10,3	Ø 22,2	0,8 - 3,2		500
5897AA01	27,0	20,2	1,6	10,3	Ø 25,4	0,8 - 3,2		500
5898AA01	28,6	22,0	1,6	10,3	Ø 27,8	0,8 - 3,2		500
5899AA01	34,1	26,6	1,6	10,3	Ø 31,8	0,8 - 3,2		500
5900AA01	37,3	29,8	1,6	10,3	Ø 34,9	0,8 - 3,2		500
5901AA01	40,1	31,7	2,0	10,7	Ø 38,1	0,8 - 3,2		500







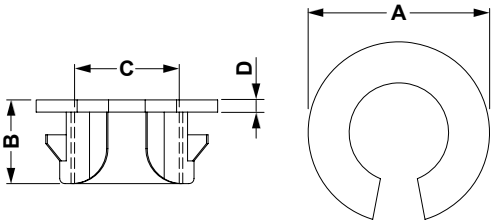
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6761AA01	12,4	7,6	1,6	6,0	Ø 9,5	0,8 - 1,6		1.000
6753AA01	15,0	9,7	1,6	9,8	Ø 12,7	0,8 - 3,3		1.000
6762AA01	16,8	10,8	1,6	7,3	Ø 12,7	0,8 - 1,6		1.000
6754AA01	18,4	12,8	1,6	10,4	Ø 15,9	0,8 - 3,3		1.000
6763AA01	20,3	14,1	1,6	7,3	Ø 15,9	0,8 - 1,6		1.000
6755AA01	20,7	15,1	1,6	10,4	Ø 19,0	0,8 - 3,3		1.000
6764AA01	22,5	16,5	1,6	7,3	Ø 19,0	0,8 - 1,6		1.000
6765AA01	26,0	20,0	1,6	7,3	Ø 22,0	0,8 - 1,6		1.000
6766AA01	28,6	22,0	1,6	7,9	Ø 25,4	0,8 - 1,6		1.000



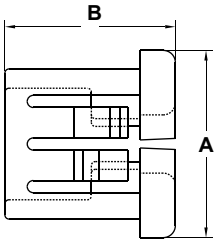


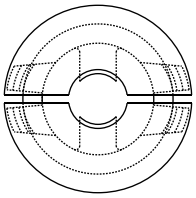


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11001AA01	10,4	4,8	6,0	0,6	Ø 7,0	0,8 - 1,0	1.000
11002AA01	16,2	5,2	10,8	1,1	Ø 12,7	0,8 - 1,0	1.000
11003AA01	19,3	5,2	13,0	1,1	Ø 16,0	0,8 - 1,0	500
11004AA01	23,0	5,5	15,6	1,3	Ø 19,0	0,8 - 1,0	500
11005AA01	25,0	5,6	19,0	1,5	Ø 21,0	0,8 - 1,0	500
11006AA01	25,8	5,5	19,3	1,4	Ø 22,0	0,8 - 1,0	500
11007AA01	26,4	5,5	20,4	1,4	Ø 23,0	0,8 - 1,0	500
11008AA01	27,0	5,3	20,8	1,4	Ø 24,0	0,8 - 1,0	500
11009AA01	34,6	6,0	27,0	1,0	Ø 27,0	0,8 - 1,0	250
11010AA01	34,0	7,0	26,3	2,2	Ø 29,0	0,8 - 1,0	500
11011AA01	36,2	7,0	28,0	1,5	Ø 30,0	0,8 - 1,0	500
11012AA01	36,9	6,7	30,0	1,5	Ø 32,0	0,8 - 1,0	500
11013AA01	26,4	5,5	20,3	1,5	Ø 22,0	0,6 - 0,8	500
11014AA01	30,3	8,0	23,3	1,5	Ø 25,4	0,6 - 1,6	500
11015AA01	30,3	8,0	23,3	1,5	Ø 25,0	0,8 - 1,2	500
11016AA01	34,6	6,0	27,0	1,5	Ø 27,0	0,8 - 1,2	500
11017AA01	34,6	7,0	27,0	1,5	Ø 29,0	0,8 - 1,2	500
11018AA01	36,9	6,7	30,0	1,5	Ø 32,0	0,8 - 1,2	500







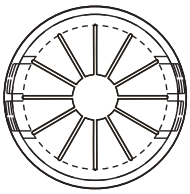
- **Material: PA 6.6** / *Material: PA 6.6*
- **Farbe: Schwarz** / *Colour: Black*
- **Farbe: Weiß auf besondere Anfrage** / *Colour: White on special request*
- **Temperaturbereich** / Working temperature**: -18°C ~ +105°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

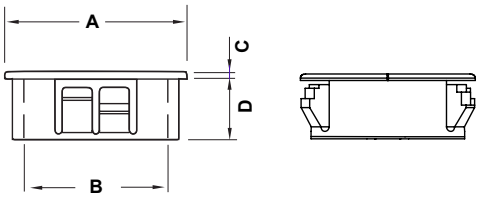
***Wenden Sie sich an den Verkauf für Konfigurationen mit Innendurchmesser** / *Consult the Sale Team for inside diameter configurations*
Durch eindrücken der Buchse in die Bohrung wird der Innendurchmesser verkleinert und eine Zugentlastung entsteht. / The inner diameter of the bushing increases to accommodate the cable and closes by tightening it once installed

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Kabel* *Cable**	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
17650AA01	11,5	10,7	Ø 9,5	Ø 3,2	Max. 3,2	2.500
17651AA01	11,9	10,7	Ø 11,1	Ø 4,8	Max. 3,2	2.500
17652AA01	14,2	10,7	Ø 12,7	Ø 6,4	Max. 3,2	2.500
17653AA01	18,5	11,2	Ø 15,9	Ø 9,5	Max. 3,2	1.500
17654AA01	23,7	11,2	Ø 19,1	Ø 12,7	Max. 3,2	2.500
17655AA01	25,8	12,3	Ø 22,2	Ø 12,7	Max. 3,2	2.500

KABELDURCHFÜHRUNGEN MIT MEMBRAN
SNAP CABLE BUSHINGS WITH MEMBRANE







- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

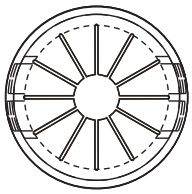
B= maximaler Innendurchmesser / *B= maximum internal diameter*

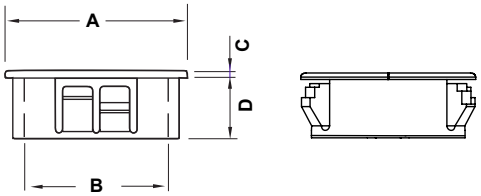
Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	C	D	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
5880AA01	18,3	11,1	1,6	8,7	Ø 15,9	0,8 - 3,2	1.000
5881AA01	21,8	12,7	1,6	8,3	Ø 19,0	0,8 - 3,2	1.000
5882AA01	22,6	12,7	1,6	8,3	Ø 20,6	0,8 - 3,2	500
5883AA01	23,8	14,3	1,6	9,9	Ø 22,2	0,8 - 3,2	500
5884AA01	27,0	19,0	1,6	9,9	Ø 25,4	0,8 - 3,2	500
5885AA01	29,4	20,6	1,6	9,9	Ø 27,8	0,8 - 3,2	500
5886AA01	36,5	25,4	1,6	9,9	Ø 34,9	0,8 - 3,2	500
5887AA01	40,9	33,1	1,5	9,8	Ø 38,1	0,8 - 3,2	500

KABELDURCHFÜHRUNGEN MIT MEMBRAN
THICK PANEL UNIVERSAL BUSHINGS







- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Weiße Farbe auf besondere Anfrage**/ *White colour on special request*

B= maximaler Innendurchmesser / *B= maximum internal diameter*

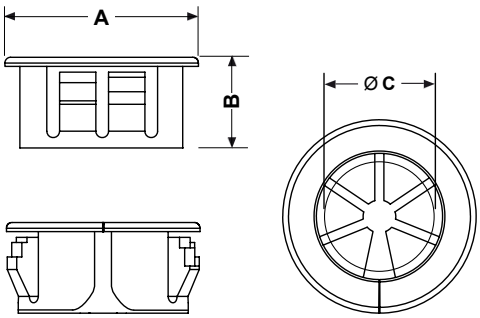
Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Max. Stärke *Max. thickness*	*Max. inside Ø*	VPE-Stckz. *Moq-Pcs*
17642AA01	15,2	9,8	Ø **12,7**	3,2	Ø 7,6	2.500
17701AA01	23,8	11,5	Ø **22,2**	3,2	Ø 14,3	2.000
17643AA01	31,8	11,5	Ø **30,2**	3,2	Ø 24,1	2.500
17644AA01	33,4	11,5	Ø **31,8**	3,2	Ø 25,8	2.500
17645AA01	44,5	11,5	Ø **34,9**	3,2	Ø 25,4	2.000
17646AA01	47,5	11,8	Ø **44,5**	3,2	Ø 34,9	2.000
17647AA01	54,0	12,4	Ø **50,8**	3,2	Ø 41,6	1.000
17648AA01	66,8	19,05	Ø **63,5**	6,4	Ø 50,0	450
17649AA01	80,0	19,05	Ø **76,2**	6,4	Ø 62,7	300
17615AA01	15,2	13,8	Ø **12,7**	6,4	7,6	1.500
17616AA01	18,5	13,0	Ø **15,9**	6,4	11,1	1.500
17617AA01	21,4	13,8	Ø **19,1**	6,4	12,7	500
17618AA01	23,8	13,8	Ø **22,2**	6,4	14,3	1.500
17619AA01	27,0	13,8	Ø **25,4**	6,4	19,1	1.500
17620AA01	29,5	13,8	Ø **27,8**	6,4	20,6	1.500
17621AA01	37,8	14,2	Ø **34,9**	6,4	25,4	1.000
15323AA01	40,9	14,2	Ø **38,1**	6,4	26,9	1.000

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OFFENE KABELDURCHFÜHRUNGEN MIT MEMBRAN
OPEN SNAP CABLE BUSHINGS WITH MEMBRANE





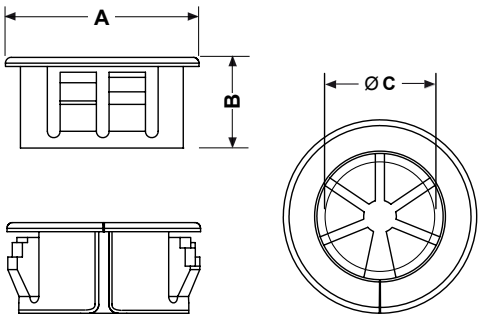
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10710AA01	15,3	9,8	10,3	Ø 12,7	0,8 - 3,3		1.000
10711AA01	18,8	10,3	13,8	Ø 15,9	0,8 - 3,3		1.000
10712AA01	25,5	10,3	18,5	Ø 22,2	0,8 - 3,3		250
10713AA01	31,5	10,3	25,5	Ø 27,8	0,8 - 3,3		200
10714AA01	38,7	10,3	29,3	Ø 31,8	0,8 - 3,3		200
10715AA01	39,2	10,3	31,2	Ø 34,9	0,8 - 3,3		200
10716AA01	42,6	10,7	32,6	Ø 38,1	0,8 - 3,3		200

OFFENE KABELDURCHFÜHRUNGEN MIT MEMBRAN
UNIVERSAL SNAP CABLE BUSHINGS





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

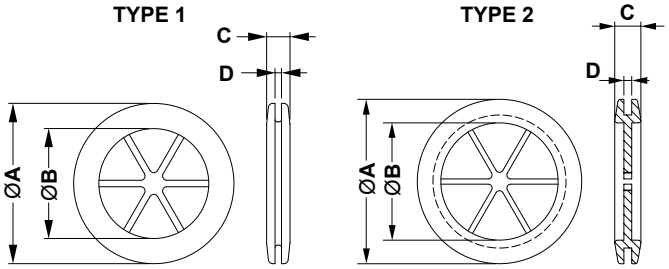
Je nach Größe sind bei diesen Artikel ein oder zwei Verriegelungshaken vorhanden / *Depending on size, one or two locking systems are available*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15250AA01	14,2	9,8	7,6	Ø 12,7	3,2		1.000
15251AA01	17,5	10,3	11,1	Ø 15,9	3,2		1.000
15252AA01	20,3	10,3	12,7	Ø 19,1	3,2		1.000
15253AA01	23,4	10,3	14,3	Ø 22,2	3,2		1.000
15254AA01	26,7	10,3	19,1	Ø 25,4	3,2		1.000
15255AA01	29,5	10,3	20,6	Ø 27,8	3,2		1.000
15256AA01	36,6	10,3	23,8	Ø 31,8	3,2		1.000
15257AA01	36,6	10,3	25,4	Ø 34,9	3,2		1.000
15258AA01	39,6	10,7	26,9	Ø 38,1	3,2		1.000
18461AA01	53,9	10,7	41,7	Ø 50,8	3,2		1.000
18462AA01	66,0	18,3	43,2	Ø 63,5	6,4		450

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DURCHFÜHRUNGSTÜLLE MIT MEMBRAN
CABLE BUSHINGS WITH MEMBRANE



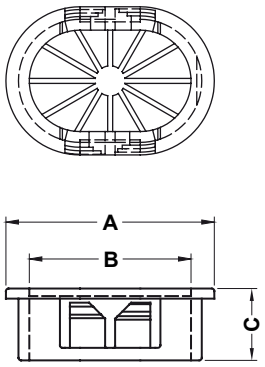


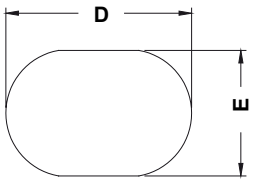
- **Material: Naturkautschuk /** *Material: NR*
- **Temperaturbereich** */ Working temperature:* **-30°C ~ +80°C**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	Type	A	B	C	D	Bohrung *Hole*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14879PD01	2	Ø31,4	Ø22,4	5,0	1,5	Ø25,4		1.000
14880PD01	1	Ø37,2	Ø25,5	5,4	1,5	Ø28,5		1.000

OVALE DURCHFÜHRUNGSTÜLLE MIT MEMBRAN
SNAP PUSH CABLE BUSHINGS WITH MEMBRANE







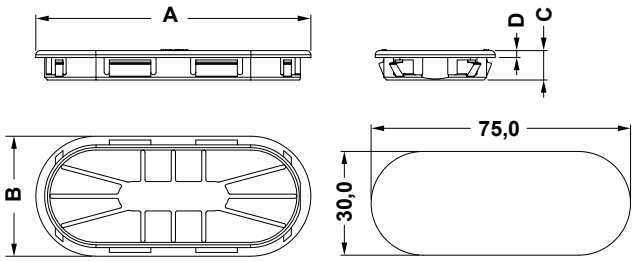
MONTAGE BOHRUNG
MOUNTING HOLE

- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar /** *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
8465AA01	**34,0**	26,7	6,5	**30,5**	**25,0**	0,8 - 1,5	1000
8466AA01	**41,5**	32,2	14,3	**37,0**	**25,0**	1,2 - 3,0	500
8467AA01	**54,2**	44,9	7,5	**50,0**	**30,0**	0,8 - 1,6	100
8468AA01	**54,2**	44,9	14,3	**50,0**	**30,0**	1,2 - 3,0	100
8469AA01	**84,0**	74,7	14,3	**80,0**	**54,0**	1,2 - 3,0	50

OVALE DURCHFÜHRUNGSTÜLLE MIT MEMBRAN
SNAP PUSH CABLE BUSHINGS





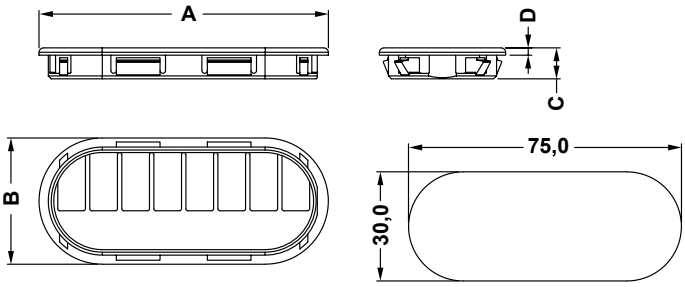
MONTAGE BOHRUNG
MOUNTING HOLE

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Stärke *Thickness*	Anmerkung *Notes*	VPE-Stckz. *Moq-Pcs*
14864AA01	79,4	34,7	8,5	2,0	1,2		1000





MONTAGE BOHRUNG
MOUNTING HOLE

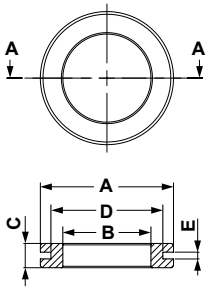
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Stärke *Thickness*	Anmerkung *Notes*	VPE-Stckz. *Moq-Pcs*
14865AA01	79,4	34,7	8,5	2,0	1,2		1000

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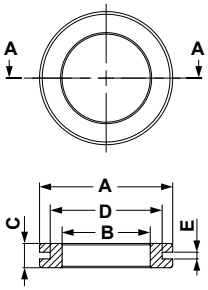
SECTION A - A

- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C / TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4682CA01	8,0	3,2	6,4	**4,8**	1,6		1.000
4491CA01	10,0	3,0	5,5	**6,0**	1,5		1.000
4492CA01	10,0	3,5	5,5	**6,0**	1,5		1.000
4493CA01	10,0	4,0	5,5	**6,0**	1,5		1.000
4494CA01	10,0	4,5	5,5	**6,0**	1,5		1.000
4495CA01	10,0	5,0	5,5	**6,0**	1,5		1.000
4575CA01	10,0	3,0	6,0	**6,0**	2,0		1.000
0857CA01	10,0	3,5	6,0	**6,0**	2,0		1.000
0858CA01	10,0	4,0	6,0	**6,0**	2,0		1.000
0859CA01	10,0	4,5	6,0	**6,0**	2,0		1.000
0860CA01	10,0	5,0	6,0	**6,0**	2,0		1.000
4576CA01	10,0	3,0	7,0	**6,0**	3,0		1.000
0843CA01	10,0	3,5	7,0	**6,0**	3,0		1.000
0844CA01	10,0	4,0	7,0	**6,0**	3,0		1.000
0845CA01	10,0	4,5	7,0	**6,0**	3,0		1.000
0846CA01	10,0	5,0	7,	**6,0**	3,0		1.000
4686CA01	10,0	4,0	8,0	**7,5**	3,2		1.000
1260CA01	12,0	4,0	8,0	**8,0**	1,0		1.000
1249CA01	12,0	5,0	7,0	**8,0**	2,5		1.000
4579CA01	12,0	3,0	7,0	**8,0**	2,0		1.000
4580CA01	12,0	4,0	7,0	**8,0**	2,0		1.000
4581CA01	13,0	5,0	7,0	**8,0**	2,0		1.000
4582CA01	12,0	6,0	7,0	**8,0**	2,0		1.000
4583CA01	12,0	3,0	7,0	**8,0**	3,0		1.000
4584CA01	12,0	4,0	7,0	**8,0**	3,0		1.000
4585CA01	12,0	5,0	7,0	**8,0**	3,0		1.000
4586CA01	12,0	6,0	7,0	**8,0**	3,0		1.000
1262CA01	12,0	3,0	7,0	**8,0**	3,5		1.000
1264CA01	12,0	4,0	7,0	**8,0**	3,5		1.000
1266CA01	12,0	5,0	7,0	**8,0**	3,5		1.000





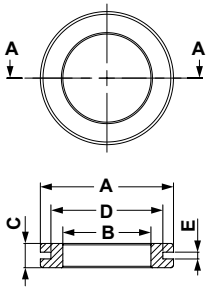
SECTION A - A

- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C / TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
On special request available with UL certified TPE

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
1268CA01	12,0	6,0	7,0	**8,0**	3,5		1.000
0874CA01	14,0	6,0	6,0	**8,0**	1,0		1.000
4577CA01	14,0	6,0	7,0	**8,0**	2,0		1.000
4578CA01	14,0	6,0	8,0	**8,0**	3,0		1.000
1247CA01	14,0	6,0	7,0	**8,5**	2,5		1.000
2417CA01	14,0	2,0	6,5	**9,0**	3,5		1.000
2418CA01	14,0	3,0	6,5	**9,0**	3,5		1.000
2419CA01	14,0	4,0	6,5	**9,0**	3,5		1.000
2420CA01	14,0	5,0	6,5	**9,0**	3,5		1.000
2421CA01	14,0	6,0	6,5	**9,0**	3,5		1.000
12818CA01	12,0	6,0	5,0	**9,0**	1,0		1.000
12819CA01	12,0	6,0	7,0	**9,0**	3,0		1.000
12820CA01	12,0	5,5	7,0	**9,0**	3,0		1.000
2422CA01	14,0	7,0	6,5	**9,0**	3,5		1.000
2423CA01	14,0	8,0	6,5	**9,0**	3,5		1.000
4683CA01	15,0	6,0	11,0	**9,5**	1,0		1.000
4684CA01	15,0	6,0	12,0	**9,5**	2,0		1.000
4685CA01	15,0	6,0	13,0	**9,5**	3,0		1.000
2291CA01	14,0	8,0	8,5	**10,0**	2,5		1.000
0882CA01	14,0	3,0	8,0	**10,0**	2,0		1.000
4587CA01	14,0	3,0	9,0	**10,0**	3,0		1.000
4588CA01	14,0	3,0	10,0	**10,0**	4,0		1.000
0883CA01	14,0	4,0	8,0	**10,0**	2,0		1.000
4589CA01	14,0	4,0	9,0	**10,0**	3,0		1.000
4590CA01	14,0	4,0	10,0	**10,0**	4,0		1.000
0884CA01	14,0	5,0	8,0	**10,0**	2,0		1.000
4591CA01	14,0	5,0	9,0	**10,0**	3,0		1.000
4592CA01	14,0	5,0	10,0	**10,0**	4,0		1.000
0885CA01	14,0	6,0	8,0	**10,0**	2,0		1.000
4593CA01	14,0	6,0	9,0	**10,0**	3,0		1.000





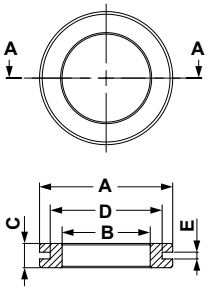
SECTION A - A

- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C / TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4594CA01	14,0	6,0	10,0	**10,0**	4,0		1.000
0886CA01	14,0	7,0	8,0	**10,0**	2,0		1.000
4595CA01	14,0	7,0	9,0	**10,0**	3,0		1.000
4596CA01	14,0	7,0	10,0	**10,0**	4,0		1.000
0887CA01	14,0	8,0	8,0	**10,0**	2,0		1.000
4597CA01	14,0	8,0	9,0	**10,0**	3,0		1.000
4598CA01	14,0	8,0	10,0	**10,0**	4,0		1.000
0849CA01	14,5	8,0	6,0	**10,0**	1,5		1.000
0864CA01	16,0	7,0	7,0	**10,0**	1,5		1.000
2395CA01	15,0	2,0	6,0	**10,0**	1,5		1.000
2396CA01	15,0	3,0	6,0	**10,0**	1,5		1.000
2397CA01	15,0	4,0	6,0	**10,0**	1,5		1.000
2398CA01	15,0	5,0	6,0	**10,0**	1,5		1.000
2399CA01	15,0	6,0	6,0	**10,0**	1,5		1.000
2400CA01	15,0	7,0	6,0	**10,0**	1,5		1.000
2401CA01	15,0	8,0	6,0	**10,0**	1,5		1.000
0889CA01	15,0	4,0	7,5	**11,0**	1,5		1.000
0891CA01	15,0	5,0	7,5	**11,0**	1,5		1.000
0893CA01	15,0	6,0	7,5	**11,0**	1,5		1.000
0895CA01	15,0	7,0	7,5	**11,0**	1,5		1.000
2340CA01	15,0	8,0	7,5	**11,0**	1,5		1.000
2342CA01	15,0	9,0	7,5	**11,0**	1,5		1.000
0823CA01	16,0	3,0	6,0	**11,0**	0,5		1.000
4599CA01	16,0	3,0	7,0	**11,0**	1,5		1.000
4600CA01	16,0	3,0	8,0	**11,0**	2,5		1.000
0824CA01	16,0	4,0	6,0	**11,0**	0,5		1.000
4601CA01	16,0	4,0	7,0	**11,0**	1,5		1.000
4602CA01	16,0	4,0	8,0	**11,0**	2,5		1.000
0825CA01	16,0	5,0	6,0	**11,0**	0,5		1.000
4603CA01	16,0	5,0	7,0	**11,0**	1,5		1.000





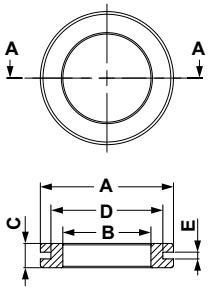
SECTION A - A

- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C / TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4604CA01	16,0	5,0	8,0	**11,0**	2,5		1.000
0826CA01	16,0	6,0	6,0	**11,0**	0,5		1.000
4605CA01	16,0	6,0	7,0	**11,0**	1,5		1.000
4606CA01	16,0	6,0	8,0	**11,0**	2,5		1.000
0827CA01	16,0	7,0	6,0	**11,0**	0,5		1.000
4607CA01	16,0	7,0	7,0	**11,0**	1,5		1.000
4608CA01	16,0	7,0	8,0	**11,0**	2,5		1.000
0828CA01	16,0	8,0	6,0	**11,0**	0,5		1.000
4609CA01	16,0	8,0	7,0	**11,0**	1,5		1.000
4610CA01	16,0	8,0	8,0	**11,0**	2,5		1.000
0829CA01	16,0	9,0	6,0	**11,0**	0,5		1.000
4611CA01	16,0	9,0	7,0	**11,0**	1,5		1.000
4612CA01	16,0	9,0	8,0	**11,0**	2,5		1.000
0862CA01	14,5	8,5	8,0	**11,5**	1,2		1.000
4613CA01	14,5	4,0	10,0	**11,5**	2,0		1.000
1250CA01	14,5	4,0	11,0	**11,5**	3,0		1.000
4614CA01	14,5	4,0	12,0	**11,5**	4,0		1.000
4615CA01	14,5	5,0	10,0	**11,5**	2,0		1.000
1251CA01	14,5	5,0	11,0	**11,5**	3,0		1.000
4616CA01	14,5	5,0	12,0	**11,5**	4,0		1.000
4617CA01	14,5	6,0	10,0	**11,5**	2,0		1.000
1252CA01	14,5	6,0	11,0	**11,5**	3,0		1.000
4618CA01	14,5	6,0	12,0	**11,5**	4,0		1.000
4619CA01	14,5	7,0	10,0	**11,5**	2,0		1.000
1253CA01	14,5	7,0	11,0	**11,5**	3,0		1.000
4620CA01	14,5	7,0	12,0	**11,5**	4,0		1.000
4621CA01	14,5	8,0	10,0	**11,5**	2,0		1.000
1254CA01	14,5	8,0	11,0	**11,5**	3,0		1.000
4622CA01	14,5	8,0	12,0	**11,5**	4,0		1.000
4623CA01	14,5	9,0	10,0	**11,5**	2,0		1.000





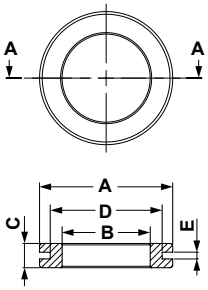
SECTION A - A

- **Material /** *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich /** *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich /** *Colour White available by Special Request*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **Temperaturbereich /** *Working Temperature:* **PVC: -25°C ~ +60°C / TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
1255CA01	14,5	9,0	11,0	**11,5**	3,0		1.000
4624CA01	14,5	9,0	12,0	**11,5**	4,0		1.000
4625CA01	14,5	10,0	10,0	**11,5**	2,0		1.000
1256CA01	14,5	10,0	11,0	**11,5**	3,0		1.000
4626CA01	14,5	10,0	12,0	**11,5**	4,0		1.000
2388CA01	16,0	4,0	8,0	**11,5**	3,0		1.000
2389CA01	16,0	5,0	8,0	**11,5**	3,0		1.000
2390CA01	16,0	6,0	8,0	**11,5**	3,0		1.000
2391CA01	16,0	7,0	8,0	**11,5**	3,0		1.000
2392CA01	16,0	8,0	8,0	**11,5**	3,0		1.000
1261CA01	16,0	9,0	6,0	**12,0**	2,0		1.000
0875CA01	17,0	4,0	7,0	**12,0**	1,5		1.000
0876CA01	17,0	5,0	7,0	**12,0**	1,5		1.000
0877CA01	17,0	6,0	7,0	**12,0**	1,5		1.000
0878CA01	17,0	7,0	7,0	**12,0**	1,5		1.000
0879CA01	17,0	8,0	7,0	**12,0**	1,5		1.000
0880CA01	17,0	9,0	7,0	**12,0**	1,5		1.000
0881CA01	17,0	10,0	7,0	**12,0**	1,5		1.000
4496CA01	18,0	7,0	11,5	**12,0**	1,5		1.000
2370CA01	18,0	7,0	10,0	**12,0**	3,0		1.000
2371CA01	18,0	8,0	10,0	**12,0**	3,0		1.000
2372CA01	18,0	9,0	10,0	**12,0**	3,0		1.000
2373CA01	18,0	10,0	10,0	**12,0**	3,0		1.000
14862CA01	16,0	7,0	7,0	**12,5**	1,5		1.000
0822CA01	17,5	10,0	7,0	**13,5**	2,0		1.000
4627CA01	17,5	10,0	8,0	**13,5**	3,0		1.000
4628CA01	17,5	10,0	9,0	**13,5**	4,0		1.000
1248CA01	20,0	12,0	9,0	**14,0**	3,0		1.000
8099CA01	18,0	8,0	6,0	**14,0**	1,0		1.000
0850CA01	18,5	7,0	8,0	**15,0**	1,5		1.000





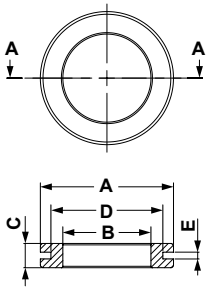
SECTION A - A

- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C** / **TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4629CA01	18,5	7,0	9,0	**15,0**	2,5		1.000
4630CA01	18,5	7,0	10,0	**15,0**	3,5		1.000
0851CA01	18,5	8,0	8,0	**15,0**	1,5		1.000
4631CA01	18,5	8,0	9,0	**15,0**	2,5		1.000
4632CA01	18,5	8,0	10,0	**15,0**	3,5		1.000
0852CA01	18,5	9,0	8,0	**15,0**	1,5		1.000
4633CA01	18,5	9,0	9,0	**15,0**	2,5		1.000
4634CA01	18,5	9,0	10,0	**15,0**	3,5		1.000
0853CA01	18,5	10,0	8,0	**15,0**	1,5		1.000
4635CA01	18,5	10,0	9,0	**15,0**	2,5		1.000
4636CA01	18,5	10,0	10,0	**15,0**	3,5		1.000
0854CA01	18,5	11,0	8,0	**15,0**	1,5		1.000
4637CA01	18,5	11,0	9,0	**15,0**	2,5		1.000
4638CA01	18,5	11,0	10,0	**15,0**	3,5		1.000
0855CA01	18,5	12,0	8,0	**15,0**	1,5		1.000
4639CA01	18,5	12,0	9,0	**15,0**	2,5		1.000
4640CA01	18,5	12,0	10,0	**15,0**	3,5		1.000
0856CA01	18,5	13,0	8,0	**15,0**	1,5		1.000
4641CA01	18,5	13,0	9,0	**15,0**	2,5		1.000
4642CA01	18,5	13,0	10,0	**15,0**	3,5		1.000
2407CA01	19,0	12,0	8,0	**15,0**	1,5		1.000
4643CA01	19,0	12,0	9,0	**15,0**	2,5		1.000
4644CA01	19,0	12,0	10,0	**15,0**	3,5		1.000
0830CA01	20,5	7,0	7,0	**15,0**	2,0		1.000
0832CA01	20,5	8,0	7,0	**15,0**	2,0		1.000
0834CA01	20,5	9,0	7,0	**15,0**	2,0		1.000
0836CA01	20,5	10,0	7,0	**15,0**	2,0		1.000
0838CA01	20,5	11,0	7,0	**15,0**	2,0		1.000
0840CA01	20,5	12,0	7,0	**15,0**	2,0		1.000
0842CA01	20,5	13,0	7,0	**15,0**	2,0		1.000





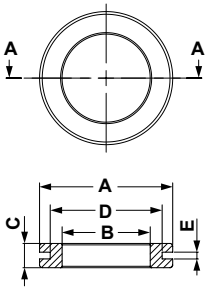
SECTION A - A

- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C** / **TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
2409CA01	23,0	10,0	8,0	**18,0**	2,0		1.000
2410CA01	23,0	11,0	8,0	**18,0**	2,0		1.000
2411CA01	23,0	12,0	8,0	**18,0**	2,0		1.000
2412CA01	23,0	13,0	8,0	**18,0**	2,0		1.000
2413CA01	23,0	14,0	8,0	**18,0**	2,0		1.000
2414CA01	23,0	15,0	8,0	**18,0**	2,0		1.000
2415CA01	23,0	16,0	8,0	**18,0**	2,0		1.000
0868CA01	24,0	10,0	7,5	**18,0**	2,0		1.000
4645CA01	24,0	10,0	8,5	**18,0**	3,0		1.000
4646CA01	24,0	10,0	9,5	**18,0**	4,0		1.000
0869CA01	24,0	11,0	7,5	**18,0**	2,0		1.000
4647CA01	24,0	11,0	8,5	**18,0**	3,0		1.000
4648CA01	24,0	11,0	9,5	**18,0**	4,0		1.000
0870CA01	24,0	12,0	7,5	**18,0**	2,0		1.000
4649CA01	24,0	12,0	8,5	**18,0**	3,0		1.000
4650CA01	24,0	12,0	9,5	**18,0**	4,0		1.000
0871CA01	24,0	13,0	7,5	**18,0**	2,0		1.000
4651CA01	24,0	13,0	8,5	**18,0**	3,0		1.000
4652CA01	24,0	13,0	9,5	**18,0**	4,0		1.000
0872CA01	24,0	14,0	7,5	**18,0**	2,0		1.000
4653CA01	24,0	14,0	8,5	**18,0**	3,0		1.000
4654CA01	24,0	14,0	9,5	**18,0**	4,0		1.000
0873CA01	24,0	15,0	7,5	**18,0**	2,0		1.000
4655CA01	24,0	15,0	8,5	**18,0**	3,0		1.000
4656CA01	24,0	15,0	9,5	**18,0**	4,0		1.000
1201CA01	24,0	16,0	7,5	**18,0**	2,0		1.000
4657CA01	24,0	16,0	8,5	**18,0**	3,0		1.000
4658CA01	24,0	16,0	9,5	**18,0**	4,0		1.000
0865CA01	28,0	16,0	8,0	**21,0**	2,0		1.000
4667CA01	28,0	16,0	9,0	**21,0**	3,0		1.000





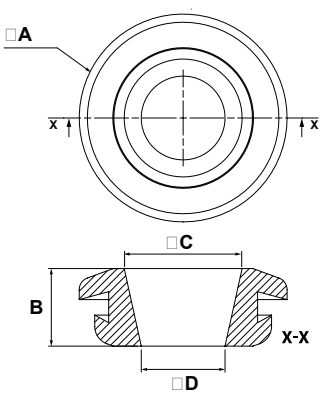
SECTION A - A

- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:*
  PVC: -25°C ~ +60°C /
  TPE: -28°C ~ +90°C

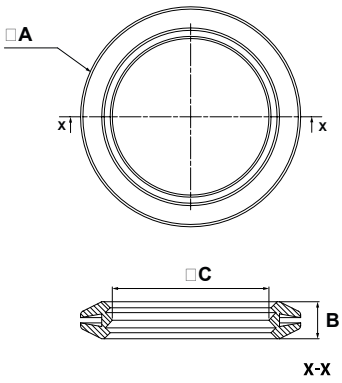
new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4668CA01	28,0	16,0	10,0	**21,0**	4,0		1.000
4677CA01	28,0	19,0	8,0	**23,0**	2,0		1.000
4678CA01	28,0	19,0	9,0	**23,0**	3,0		1.000
4679CA01	28,0	19,0	10,0	**23,0**	4,0		1.000
4669CA01	32,0	15,5	8,5	**24,0**	2,0		1.000
4670CA01	32,0	15,5	9,5	**24,0**	3,0		1.000
4671CA01	32,0	15,5	10,5	**24,0**	4,0		1.000
4672CA01	32,0	17,5	8,5	**24,0**	2,0		1.000
4673CA01	32,0	17,5	9,5	**24,0**	3,0		1.000
4674CA01	32,0	17,5	10,5	**24,0**	4,0		1.000
1258CA01	32,0	19,5	8,5	**24,0**	2,0		1.000
4675CA01	32,0	19,5	9,5	**24,0**	3,0		1.000
4676CA01	32,0	19,5	10,5	**24,0**	4,0		1.000
4659CA01	35,0	18,0	8,5	**26,0**	2,0		1.000
4660CA01	35,0	18,0	9,5	**26,0**	3,0		1.000
4661CA01	35,0	18,0	10,5	**26,0**	4,0		1.000
4662CA01	35,0	20,0	8,5	**26,0**	2,0		1.000
4663CA01	35,0	20,0	9,5	**26,0**	3,0		1.000
4664CA01	35,0	20,0	10,5	**26,0**	4,0		1.000
1257CA01	35,0	22,0	8,5	**26,0**	2,0		1.000
4665CA01	35,0	22,0	9,5	**26,0**	3,0		1.000
4666CA01	35,0	22,0	10,5	**26,0**	4,0		1.000
5742CA01	35,0	21,0	8,5	**28,0**	2,0		1.000
4498CA01	39,0	28,0	7,0	**34,0**	2,0		1.000
4499CA01	39,0	28,0	8,0	**34,0**	3,0		1.000
4500CA01	39,0	28,0	9,0	**34,0**	4,0		1.000
1259CA01	45,0	35,0	7,0	**39,0**	2,0		1.000
4680CA01	45,0	35,0	8,0	**39,0**	3,0		1.000
4681CA01	45,0	35,0	9,0	**39,0**	4,0		1.000
18287CA01	72,0	58,0	9,5	**64,0**	2,5	Shore 75A	500
2408CA01	94,0	78,0	6,0	**82,0**	3,0		500





TYPE 1

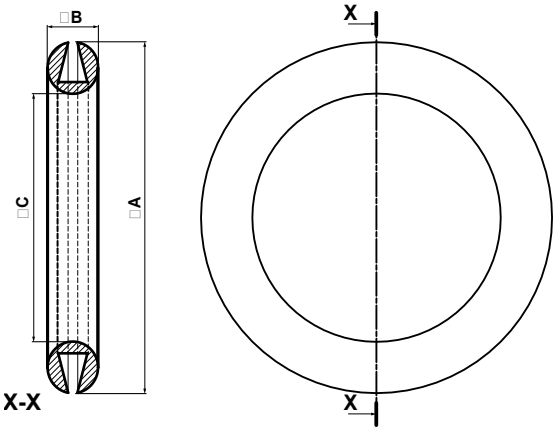


TYPE 2

- **Material: TPE** / *Material: TPE*
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Alle Maße sind in mm**/ *All dimensions are in mm*

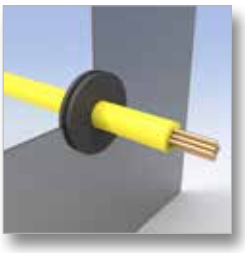
ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Ø Rohre *Ø Pipe*	Stärke *Thickness*	TYPE	VPE-Stckz. *Moq-Pcs*
17881PS01	67,0	25,0	38,0	27,0	Ø 48,0	32,0	5,0-10,0	1	100
17882PS01	70,0	20,0	43,0	36,0	Ø 54,0	40,0	5,0-10,0	1	100
17883PS01	77,0	22,0	48,0	43,0	Ø 54,0	45,0	5,0-13,0	1	100
17884PS01	87,0	26,0	57,0	43,0	Ø 64,0	50,0	5,0-13,0	1	150
17885PS01	111,0	25,0	71,0	55,0	Ø 79,0	63,0	5,0-13,0	1	100
17886PS01	122,0	25,0	82,0	70,0	Ø 83,0	75,0	5,0-13,0	1	100
17887PS01	140,0	26,3	107,0	78,4	Ø 114,0	90,0-100,0	5,0-10,0	1	100
17888PS01	161,0	26,0	116,0	95,0	Ø 122,0	110,0	5,0-12,0	1	100
17889PS01	164,0	31,5	130,0	95,0	Ø 138,0	110,0-120,0	5,0-12,0	1	100
17890PS01	194,0	30,0	163,0	132,0	Ø 168,0	150,0-160,0	5,0-12,0	1	100
17891PS01	127,0	33,0	65,0	-	Ø 86,0	75,0	5,0-10,0	2	120
17892PS01	161,0	35,0	100,0	-	Ø 122,0	110,0	5,0-12,0	2	60
17893PS01	208,0	35,0	148,0	-	Ø 168,0	160,0	5,0-12,0	2	36

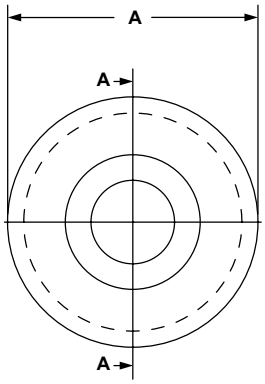




- **Materiale: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	ØBohrung *ØHole*	Ø Rohre *Ø Pipe*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
17936PS01	149,5	Ø22,0	105,5	Ø 114,0-116,0	110,0	5,0-12,0	120
17937PS01	148,0	Ø34,0	108,0	Ø 122,0	110,0	20,0-30,0	80
17938PS01	195,2	Ø22,0	152,0	Ø 168,0	160,0	5,0-12,0	90
17939PS01	148,0	Ø34,0	108,0	Ø 168,0	160,0	20,0-30,0	60



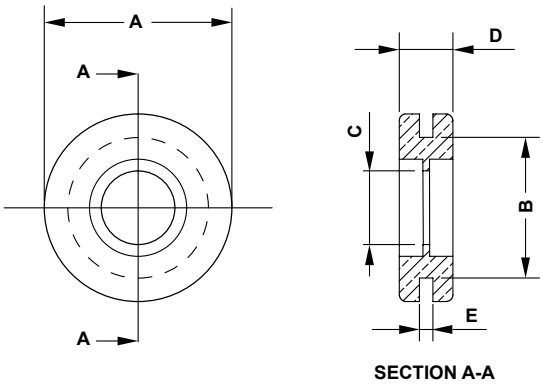


- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12800CA01	39,0	34,0	13,0	7,0	2,0		1.000



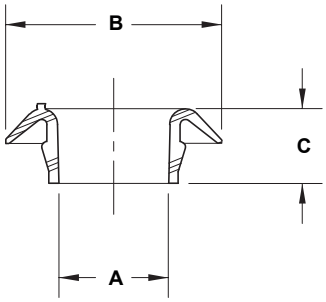


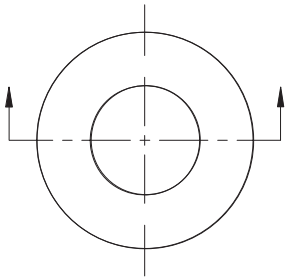


- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12090CA01M	28,0	21,0	11,0	4,0	2,0		1.000

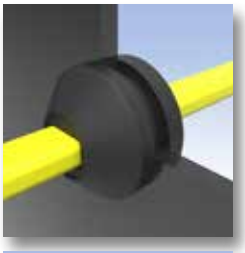




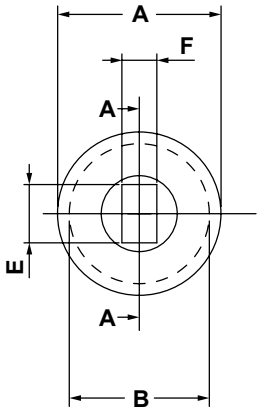


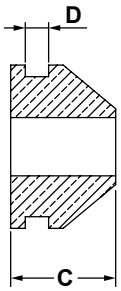
- **Material: TPE** / *Material: TPE*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / *Working temperature:* **-0°C ~ +50°C**
- **Alle Maße sind in mm/** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
18062PS01	10,4	20,6	7,1	Ø 12,7	0,8-2,0	3000
18063PS01	13,2	23,6	7,9	Ø 15,9	0,8-2,0	1000
18064PS01	16,5	26,9	8,9	Ø 19,1	0,8-2,0	3000
18065PS01	19,6	30,2	8,9	Ø 22,2	0,8-2,0	2000
18066PS01	22,6	33,5	8,9	Ø 22,6	0,8-2,0	2000
18067PS01	28,4	40,6	8,9	Ø 31,8	0,8-2,0	2500









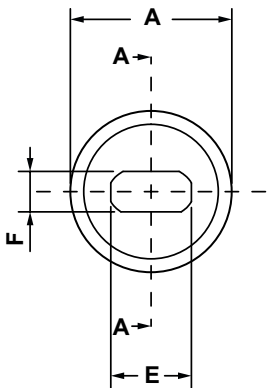
SECTION A-A

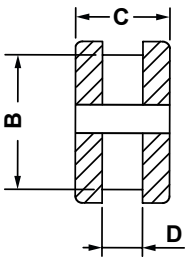
- **Material** / *Material: PVC 50 Shore*
- **Temperaturbereich** / *Working temperature:* **-25°C ~+60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
13175CA01	14,0	12,0	9,0	2,0	5,0	3,0		1.000







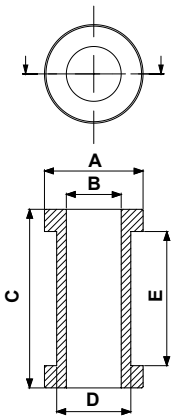


SECTION A-A

- **Material** / *Material: PVC 50 Shore*
- **Temperaturbereich** / *Working temperature:* **-25°C ~+60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
13174CA01	12,0	8,5	7,0	3,0	6,0	3,0		1.000



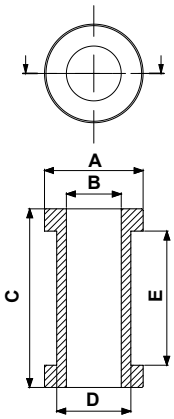


- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:*
  PVC: -25°C ~ +60°C /
  TPE: -28°C ~ +90°C

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	**D**	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4687CA01	15,0	6,0	12,0	**10,0**	6,0		1.000
1270CA01	15,0	8,0	12,0	**10,0**	6,0		1.000
1271CA01	13,5	4,0	25,0	**10,0**	19,0		1.000
1272CA01	13,5	5,0	25,0	**10,0**	19,0		1.000
1273CA01	13,5	6,0	25,0	**10,0**	19,0		1.000
1274CA01	13,5	7,0	25,0	**10,0**	19,0		1.000
1275CA01	13,5	8,0	25,0	**10,0**	19,0		1.000
1276CA01	14,0	5,0	15,0	**11,0**	9,0		1.000
1278CA01	14,0	6,0	15,0	**11,0**	9,0		1.000
1280CA01	14,0	7,0	15,0	**11,0**	9,0		1.000
1282CA01	14,0	8,0	15,0	**11,0**	9,0		1.000
2362CA01	17,5	10,0	13,5	**11,5**	8,0		1.000
1288CA01	20,0	9,0	10,0	**13,0**	5,0		1.000
1283CA01	16,0	2,0	13,0	**13,0**	7,0		1.000
1284CA01	16,0	4,0	13,0	**13,0**	7,0		1.000
5062CA01	16,0	6,0	13,0	**13,0**	7,0		1.000
5063CA01	16,0	8,0	13,0	**13,0**	7,0		1.000
5064CA01	16,0	10,0	13,0	**13,0**	7,0		1.000
2374CA01	16,0	5,0	14,0	**13,5**	10,0		1.000
2375CA01	16,0	6,0	14,0	**13,5**	10,0		1.000
2376CA01	16,0	7,0	14,0	**13,5**	10,0		1.000
2377CA01	16,0	8,0	14,0	**13,5**	10,0		1.000
2378CA01	16,0	9,0	14,0	**13,5**	10,0		1.000
2379CA01	16,0	10,0	14,0	**13,5**	10,0		1.000
2380CA01	16,0	11,0	14,0	**13,5**	10,0		1.000
2349CA01	21,0	6,0	10,0	**15,0**	5,0		1.000





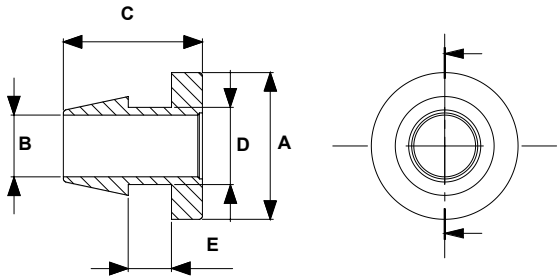
- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C / TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	**D**	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
2350CA01	21,0	7,0	10,0	**15,0**	5,0		1.000
2351CA01	21,0	8,0	10,0	**15,0**	5,0		1.000
2352CA01	21,0	9,0	10,0	**15,0**	5,0		1.000
2353CA01	21,0	10,0	10,0	**15,0**	5,0		1.000
2354CA01	21,0	11,0	10,0	**15,0**	5,0		1.000
2355CA01	21,0	12,0	10,0	**15,0**	5,0		1.000
2363CA01	26,0	12,0	14,0	**21,0**	7,0		1.000
2364CA01	26,0	13,0	14,0	**21,0**	7,0		1.000
2365CA01	26,0	14,0	14,0	**21,0**	7,0		1.000
2366CA01	26,0	15,0	14,0	**21,0**	7,0		1.000
2367CA01	26,0	16,0	14,0	**21,0**	7,0		1.000
2368CA01	26,0	17,0	14,0	**21,0**	7,0		1.000
2369CA01	26,0	18,0	14,0	**21,0**	7,0		1.000

KABELDURCHFÜHRUNGEN BUND EINSEITIG
SLEEVED GROMMETS





- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*

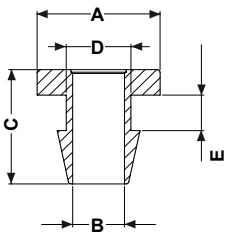
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C** / **TPE: -28°C ~ +90°C**

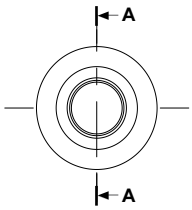
new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	**D**	E	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
4505CA01	9,5	2,0	7,0	**6,0**	1,0		1.000
4506CA01	9,5	2,0	8,0	**6,0**	2,0		1.000
4507CA01	9,5	2,0	9,0	**6,0**	3,0		1.000
0819CA01	9,5	2,5	7,0	**6,0**	1,0		1.000
4508CA01	9,5	2,5	8,0	**6,0**	2,0		1.000
4509CA01	9,5	2,5	9,0	**6,0**	3,0		1.000
0820CA01	9,5	3,0	7,0	**6,0**	1,0		1.000
4510CA01	9,5	3,0	8,0	**6,0**	2,0		1.000
4511CA01	9,5	3,0	9,0	**6,0**	3,0		1.000
0821CA01	9,5	3,5	7,0	**6,0**	1,0		1.000
4512CA01	9,5	3,5	8,0	**6,0**	2,0		1.000
4513CA01	9,5	3,5	9,0	**6,0**	3,0		1.000
4514CA01	9,5	4,0	7,0	**6,0**	1,0		1.000
4515CA01	9,5	4,0	8,0	**6,0**	2,0		1.000
4516CA01	9,5	4,0	9,0	**6,0**	3,0		1.000
4517CA01	9,5	4,5	7,0	**6,0**	1,0		1.000
4518CA01	9,5	4,5	8,0	**6,0**	2,0		1.000
4519CA01	9,5	4,5	9,0	**6,0**	3,0		1.000
1234CA01	11,0	5,0	9,0	**7,0**	1,5		1.000
0866CA01	11,0	5,0	9,0	**7,0**	2,0		1.000
0848CA01	13,5	7,0	9,0	**11,0**	2,0		1.000

KABELDURCHFÜHRUNG BUND EINSEITIG
SOFT SPECIAL GROMMETS







SEZ. A - A

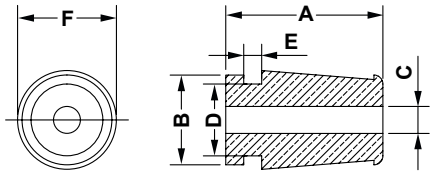
- **Material: PVC** / *Material: PVC*
- **Auf Anfrage auch in Farbe: Weiß lieferbar TPE HB (UL94)**
  Avaiable in TPE HB (UL94) by special request
- **Farbe:** Schwarz / *Colour: Black*
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**

- **Temperaturbereich** / *Working temperature:*
  - PVC: -25°C ~ +60°C
  - TPE: -28°C ~ +90°C
- **Alle Maße sind in mm** */ All dimensions are in mm*

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
1033CA01	20,0	6,0	13,0	**12,0**	1,0		1.000
1034CA01	20,0	8,0	13,0	**12,0**	1,0		1.000
1035CA01	28,0	10,0	15,0	**16,0**	1,0		1.000
1036CA01	28,0	12,0	15,0	**16,0**	1,0		1.000
1031CA01	39,0	18,0	17,0	**25,0**	1,0		1.000
1032CA01	39,0	20,0	17,0	**25,0**	1,0		1.000





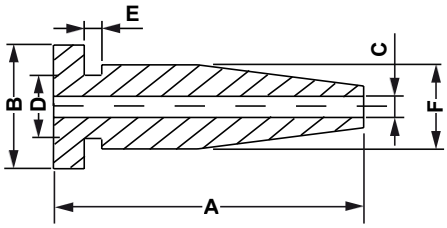
- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*

- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C** / **TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
3457CA01	17,5	10,0	3,0	8,0	1,5	11,0	1.000
3458CA01	17,5	10,0	4,0	8,0	1,5	11,0	1.000
3459CA01	18,5	10,0	5,0	8,0	1,5	11,0	1.000
3460CA01	17,5	10,0	6,0	8,0	1,5	11,0	1.000
3461CA01	17,5	10,0	7,0	8,0	1,5	11,0	1.000





- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*

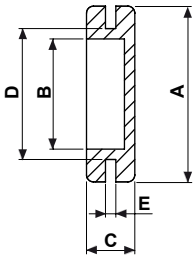
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C** / **TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

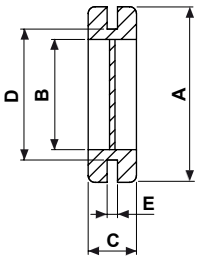
ARTIKEL *P/N*	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
3462CA01	59,5	18,0	7,0	10,5	4,5	13,0	1.000
3463CA01	59,5	18,0	8,0	10,5	4,5	13,0	1.000



TYPE 1



TYPE 2



- **Material: siehe Tabelle /** *Material: see Table*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in TPE Material erhältlich /** *TPE material available by Special Request*
- **Auf Anfrage auch in der Farbe Weiß erhältlich /** *Colour White available by Special Request*
- **Entflammbarkeit** / *UL Flammability:*
  - PVC: HB (UL94)
  - TPE: HB (UL94)
- **Shore :** *50 PVC*

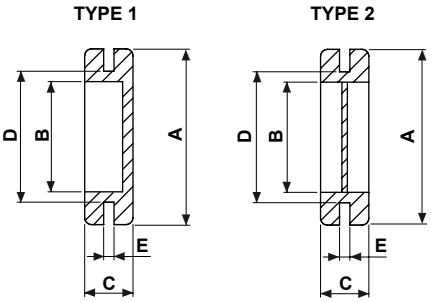
- **Temperaturbereich /** *Working Temperature:*
  PVC: -25°C ~ +60°C /
  TPE: -28°C ~ +90°C
- **Alle Maße sind in mm /** *All dimensions are in mm*

new ***Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Material *Materials*	VPE-Stckz. *Moq-Pcs*
4575CA01M	1	10,0	3,0	6,0	**6,0**	2,0	PVC*	1.000
4586CA01M	1	12,0	6,0	7,0	**8,0**	3,0	PVC*	1.000
0874CA01M	1	14,0	6,0	6,0	**8,0**	1,0	PVC*	1.000
1247CA01M	1	14,0	6,0	7,0	**8,5**	2,5	PVC*	1.000
0849CA01M	1	14,5	8,0	6,0	**10,0**	1,5	PVC*	1.000
0828CA01M	1	16,0	8,0	6,0	**11,0**	0,5	PVC*	1.000
0880CA01M	1	17,0	9,0	7,0	**12,0**	1,5	PVC*	1.000
14862CA01M	1	16,0	7,0	7,0	**12,5**	1,5	PVC*	1.000
0834CA01M	1	20,5	9,0	7,0	**15,0**	2,0	PVC*	1.000
0836CA01M	1	20,5	10,0	7,0	**15,0**	2,0	PVC*	1.000
0842CA01M	1	20,5	13,0	7,0	**15,0**	2,0	PVC*	1.000
2410CA01M	1	22,0	11,0	8,0	**17,5**	2,0	PVC*	1.000
0869CA01M	1	24,0	11,0	7,5	**18,0**	2,0	PVC*	1.000
14877PD01M	1	25,4	16,0	7,1	**19,0**	2,0	**Kautschuk /** *Rubber (NR)*	1.000
4677CA01M	1	28,0	19,0	8,0	**23,0**	2,0	PVC*	1.000
0864CA01M	2	16,0	7,0	7,0	**10,0**	1,5	PVC*	1.000
5853PF01M	2	20,0	9,0	7,0	**15,5**	2,0	TPE	1.000
5854PF01M	2	23,0	11,0	7,0	**18,5**	2,0	TPE	1.000
5855PF01M	2	25,0	13,5	7,0	**20,5**	2,0	TPE	1.000
0865CA01M	2	28,0	15,0	8,0	**21,0**	2,0	PVC*	1.000
14882PS01M	2	27,5	16,0	7,4	**22,0**	2,0	TPE	1.000
5856PF01M	2	27,5	16,0	7,0	**22,5**	2,0	TPE	1.000

KABELDURCHFÜHRUNGEN MIT MEMBRAN
SOFT GROMMETS WITH MEMBRANE





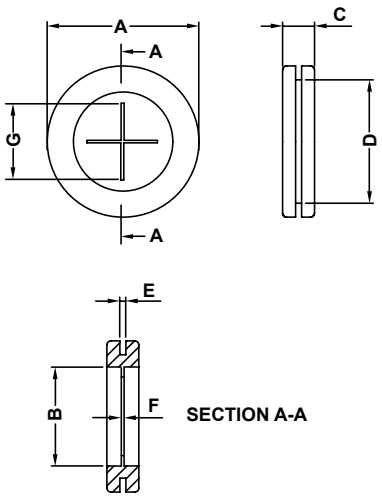
- **Material: siehe Tabelle /** *see Table*
- **Auf Anfrage auch in TPE Material erhältlich /** *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich /** *Colour White available by Special Request*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **Temperaturbereich /** *Working Temperature:* **PVC: -25°C ~ +60°C / TPE: -28°C ~ +90°C**

new ***Auf Anfrage in UL zertifiziertem TPE erhältlich Temperaturbereich:-35°C ~ +105°C On special request available with UL certified TPE Working temperature: -35°C ~ +105°C**

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Material *Materials*	VPE-Stckz. *Moq-Pcs*
1258CA01M	1	32,0	19,0	8,5	**24,0**	2,0	PVC*	1.000
1257CA01M	1	35,0	21,0	8,5	**26,0**	2,0	PVC*	1.000
5742CA01M	1	35,0	21,0	8,5	**28,0**	2,0	PVC*	1.000
4498CA01M	1	39,0	28,0	7,0	**34,0**	2,0	PVC*	500
15901PS01	1	47,0	31,0	10,0	**42,0**	2,4	TPE	500
5857PF01M	2	35,0	21,0	8,0	**28,0**	2,0	TPE	1.000
5858PF01M	2	44,0	29,0	8,0	**37,0**	2,0	TPE	1.000
14978CA01M	2	45,0	29,0	7,0	**37,0**	2,0	PVC*	1.000
5624CA01M	2	54,0	36,0	10,0	**46,0**	2,5	PVC*	200
4379CA01M	2	52,0	34,5	13,5	**46,5**	2,5	PVC*	1.000
5859PF01M	2	54,0	36,0	9,0	**47,0**	2,5	TPE	500
5876PF01M	2	68,0	47,0	9,0	**59,0**	2,5	TPE	250
5877PF01M	2	75,0	53,0	10,0	**64,0**	2,5	TPE	250
12420CA01M	2	100,0	80,0	10,3	**88,0**	1,5	PVC*	100
12419CA01M	2	90,0	70,0	10,0	**78,0**	2,0	PVC*	1.000

KABELDURCHFÜHRUNGEN MIT MEMBRAN
CABLE GROMMETS WITH CROSS CUT MEMBRANE





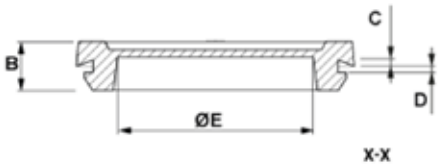
- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich** / *Working temperature:*
  - **TPE: -28°C ~ +90°C**
  - **PVC: -25°C ~ +60°C**
  - **Kautschuk / *Rubber* : -35°C ~ +90°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

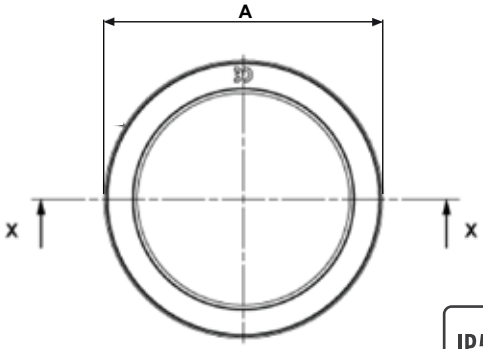
new ***Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich:-35°C ~ +105°C
On special request available with UL certified TPE
Working temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
5853PF01MS	20,0	9,0	7,0	15,5	2,0	1,0	6,0	TPE Shore A 45	1.000
5854PF01MS	23,0	11,0	7,0	18,5	2,0	1,0	10,0	TPE Shore A 45	1.000
14878PD01M	25,4	16,0	7,1	19,1	2,0	-	-	**Kautschuk** / *Rubber (NR)*	1.000
5855PF01MS	25,0	13,5	7,0	20,5	2,0	1,0	10,0	TPE Shore A 45	1.000
5856PF01MS	27,5	16,0	7,0	22,5	2,0	1,0	10,0	TPE Shore A 45	1.000
13170CA01MS	33,8	21,0	7,4	26,0	2,0	1,0	21,0	PVC Shore 50	1.000
14977CA01M	35,0	22,0	8,0	27,0	2,0	1,0	-	PVC Shore 70	1.000
5857PF01MS	35,0	21,0	8,0	28,0	2,0	1,0	14,0	TPE Shore A 45	1.000
5858PF01MS	44,0	29,0	9,0	37,0	2,0	1,0	17,0	TPE Shore A 45	1.000
5859PF01MS	54,0	36,0	10,0	47,0	2,5	1,2	27,0	TPE Shore A 45	500
5876PF01MS	68,0	47,0	9,0	59,0	2,5	1,5	27,0	TPE Shore A 45	200

TPE KABELDURCHFÜHRUNGEN
TPE CABLE GROMMETS



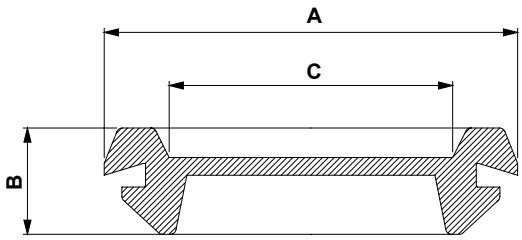




- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Entflammbarkeit : siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm/** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Material *Material*	VPE-Stckz. *Moq-Pcs*
16468PS01	20,0	7,0	2,0	1,0	Ø 9,0	Ø 15,5	TPE SEBS	100
16469PS01	23,0	7,0	5,5	1,0	Ø 11,0	Ø 18,5	TPE SEBS	100
16470PS01	25,0	7,0	5,5	1,0	Ø 13,5	Ø 20,5	TPE SEBS	100
16471PS01	28,0	7,0	5,5	1,0	Ø 16,0	Ø 22,5	TPE SEBS	100
16472PS01	35,0	9,0	5,5	1,0	Ø 21,0	Ø 28,0	TPE SEBS	100
16473PS01	44,0	10,0	5,5	1,0	Ø 29,0	Ø 37,0	TPE SEBS	100
16474PS01	54,0	12,0	6,0	1,5	Ø 36,0	Ø 47,0	TPE SEBS	100
16475PS01	68,0	12,0	6,0	1,5	Ø 48,0	Ø 60,0	TPE SEBS	100
17856PS01	69,0	12,0	6,0	1,5	Ø 53,0	Ø 64,0	TPE SEBS	100
17863PS01	75,0	12,0	6,0	1,5	Ø 69,0	Ø 79,0	TPE SEBS	100
16468PV01	20,0	7,0	6,0	1,0	Ø 9,0	Ø 15,5	TPE SEBS V0	100
16469PV01	23,0	7,0	7,0	1,0	Ø 11,0	Ø 18,5	TPE SEBS V0	100
16470PV01	25,0	7,0	7,0	1,0	Ø 13,5	Ø 20,5	TPE SEBS V0	100
16471PV01	28,0	7,0	7,0	1,0	Ø 16,0	Ø 22,5	TPE SEBS V0	100
16472PV01	35,0	9,0	7,0	1,0	Ø 21,0	Ø 28,0	TPE SEBS V0	100
16473PV01	44,0	10,0	7,0	1,0	Ø 29,0	Ø 37,0	TPE SEBS V0	100
16474PV01	54,0	12,0	8,0	1,5	Ø 36,0	Ø 47,0	TPE SEBS V0	100
16475PV01	68,0	12,0	8,0	1,5	Ø 48,0	Ø 60,0	TPE SEBS V0	100
17856PV01	69,0	12,0	7,0	1,5	Ø 53,0	Ø 64,0	TPE SEBS V0	100
17863PV01	75,0	12,0	7,0	1,5	Ø 69,0	Ø 79,0	TPE SEBS V0	100

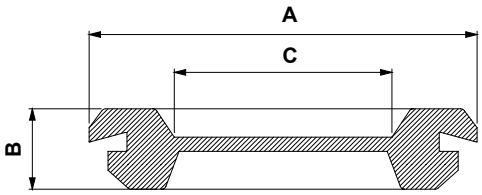




- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø Kabel *Ø Cable*	Stärke *Thickness*	Bohrung *Hole*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18776PS01	Ø 1,0 - 9,0	1,0 - 2,0	Ø 13,0	20,0	7,0	9,0		1000
18777PS01	Ø 1,0 - 11,0	1,0 - 2,0	Ø 16,0	23,0	7,0	11,0		1000
18778PS01	Ø 1,0 - 13,5	1,0 - 2,0	Ø 19,0	25,0	7,0	13,5		500
18779PS01	Ø 1,0 - 16,0	1,0 - 2,0	Ø 23,0	28,0	7,0	16,0		500
18780PS01	Ø 1,0 - 21,0	1,0 - 2,0	Ø 29,0	35,0	9,0	21,0		500
18781PS01	Ø 1,0 - 29,0	1,0 - 2,0	Ø 38,0	44,0	10,0	29,0		250
18782PS01	Ø 1,0 - 36,0	1,5 - 3,0	Ø 48,0	54,0	12,0	36,0		100
18783PS01	Ø 1,0 - 48,0	1,5 - 3,0	Ø 60,0	68,0	12,0	48,0		100
18784PS01	Ø 1,0 - 53,0	1,5 - 3,0	Ø 64,0	75,0	12,0	53,0		100
18785PS01	Ø 1,0 - 69,0	1,5 - 3,0	Ø 80,0	90,0	12,0	69,0		100





new PRODUCT

IP54

RoHS COMPLIANT

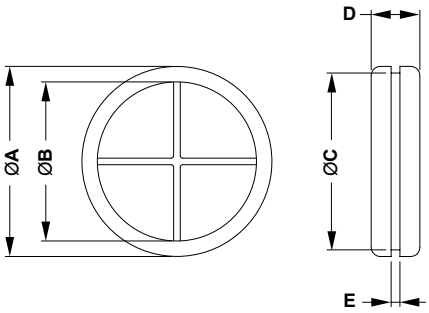
REACH

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø Kabel *Ø Cable*	Stärke *Thickness*	Bohrung *Hole*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18786PS01	Ø 1,0 - 9,0	1,0 - 2,0	Ø 12,5	17,0	7,0	9,0	**IP 65 bei Verwendung als Stopfen** */ IP 65 if used as a plug*	1000
18787PS01	Ø 1,0 - 11,0	1,0 - 2,0	Ø 16,5	21,0	7,0	11,0	**IP 65 bei Verwendung als Stopfen** */ IP 65 if used as a plug*	1000
18788PS01	Ø 1,0 - 13,5	1,0 - 2,0	Ø 20,5	25,0	7,0	13,5	**IP 65 bei Verwendung als Stopfen** */ IP 65 if used as a plug*	500
18789PS01	Ø 1,0 - 16,0	1,0 - 2,0	Ø 25,5	32,0	7,0	16,0	**IP 65 bei Verwendung als Stopfen** */ IP 65 if used as a plug*	500
18790PS01	Ø 1,0 - 21,0	1,0 - 2,0	Ø 32,5	40,0	9,0	21,0	**IP 65 bei Verwendung als Stopfen** */ IP 65 if used as a plug*	500
18791PS01	Ø 1,0 - 29,0	1,0 - 2,0	Ø 40,5	48,0	10,0	29,0	**IP 65 bei Verwendung als Stopfen** */ IP 65 if used as a plug*	500
18792PS01	Ø 1,0 - 36,0	1,5 - 3,0	Ø 50,5	58,0	12,0	36,0	**IP 65 bei Verwendung als Stopfen** */ IP 65 if used as a plug*	100
18793PS01	Ø 1,0 - 48,0	1,5 - 3,0	Ø 63,5	68,0	12,0	48,0	**IP 65 bei Verwendung als Stopfen** */ IP 65 if used as a plug*	100
18794PS01	Ø 1,0 - 53,0	1,5 - 3,0	Ø 76,0	81,0	12,0	53,0	**IP 65 bei Verwendung als Stopfen** */ IP 65 if used as a plug*	100
18795PS01	Ø 1,0 - 69,0	1,5 - 3,0	Ø 91,0	91,0	12,0	69,0	**IP 65 bei Verwendung als Stopfen** */ IP 65 if used as a plug*	100

KABELDURCHFÜHRUNGEN
SOFT GROMMETS





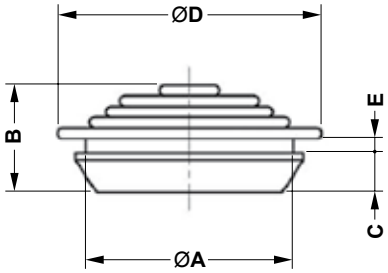
- **Material: Silikon** / *Material: Silicon*
- **Temperaturbereich** / *Working temperature:* **-45°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14881SI01	Ø43,0	Ø36,0	Ø40,0	11,0	2,0		1.000

STUFEN KABELDURCHFÜHRUNGEN
STEPS CABLE GROMMETS





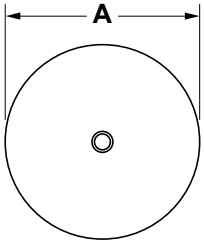


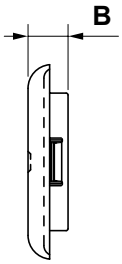
- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	ØA	B	C	ØD	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15032CA11	22,0	15,0	5,5	29,0	2,0		1.000
15033CA11	28,0	15,0	5,5	34,0	2,0		1.000
15034CA11	40,0	15,0	5,5	44,0	2,0		1.000

BLINDLOCHABDECKUNG & KABELDURCHFÜHRUNG IP67
HOLE PLUG CABLE GROMMETS IP67







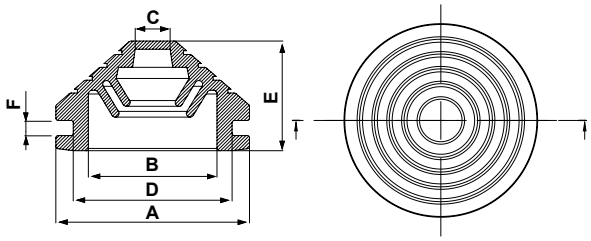
- **Materiale: PA 6.6 - TPE** / *Material: PA 6.6 - TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Kabeldurchmesser *Cable diameter*	Montage Bohrung *Mounting hole*	Materialstärke *Panel thickness*	VPE-Stckz. *Moq-Pcs*
22600PF01	23,4	8,1	2,0 - 5,1	Ø 12,7	**bis 1,6** / *Up to 1,6*	1.000
22601PF01	26,2	8,1	3,3 - 9,5	Ø 15,9	**bis 1,6** / *Up to 1,6*	1.000
22602PF01	29,2	8,1	4,4 - 10,2	Ø 19,1	**bis 1,6** / *Up to 1,6*	1.000
22603PF01	32,5	8,1	3,3 - 11,4	Ø 22,2	**bis 1,6** / *Up to 1,6*	1.000
22604PF01	36,3	8,1	5,1 - 18,2	Ø 25,4	**bis 1,6** / *Up to 1,6*	1.000
22605PF01	38,9	8,1	6,4 - 19,4	Ø 27,8	**bis 1,6** / *Up to 1,6*	1.000
22606PF01	23,4	15,9	2,0 - 5,1	Ø 12,7	1,6 - 6,4	1.000
22607PF01	26,2	15,9	3,3 - 9,5	Ø 15,9	1,6 - 6,4	1.000
22608PF01	29,2	15,9	4,4 - 10,2	Ø 19,1	1,6 - 6,4	1.000
22609PF01	32,5	15,9	3,3 - 11,4	Ø 22,2	1,6 - 6,4	1.000
22610PF01	36,3	15,9	5,1 - 18,2	Ø 25,4	1,6 - 6,4	1.000
22611PF01	38,9	15,9	6,4 - 19,4	Ø 27,8	1,6 - 6,4	1.000
22612PF01	45,7	17,0	7,6 - 24,1	Ø 34,9	1,6 - 6,4	500
22613PF01	49,0	17,0	9,5 - 26,9	Ø 38,1	1,6 - 6,4	500

STUFEN KABELDURCHFÜHRUNGEN
STEPS CABLE GROMMETS







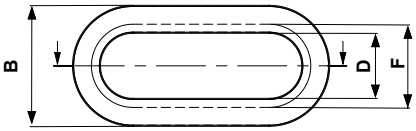
- **Material** / *Material: Shore 50 PVC*
- **Betriebstemperatur** / *Working Temperature:* **-20°C ~ +60°C**
- **Farbe: Schwarz oder Weiß** / *Colour: Black or White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

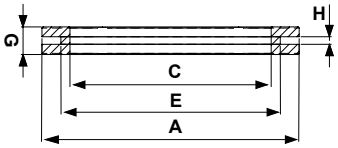
ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4388CA01M	26,0	19,0	5,0	**21,0**	15,0	2,0		1.000
4522CA01MS	37,0	28,0	5,0	**32,0**	15,0	5,0		1.000

Um das Produkt in Weiß zu bestellen, ersetzen Sie "CA01" durch "CA02" / *To order the product in Black replace "CA01" with "CA02"*

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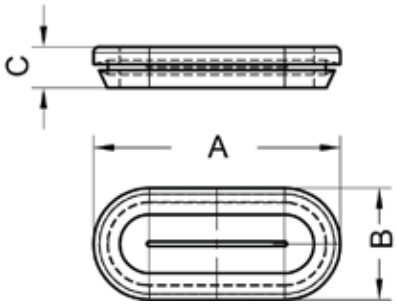
- **Material** / *Material: Shore 50 PVC*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*

- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C** / **TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich**
Temperaturbereich: *-35°C ~ +105°C*
On special request available with UL certified TPE
Working Temperature: -35°C ~ +105°C

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
2425CA01	35,0	14,0	31,0	10,0	**34,0**	**13,0**	5,0	1,0		1.000
2426CA01	69,0	32,0	55,0	18,0	**59,0**	**22,0**	7,0	2,0		1.000
2427CA01	74,0	32,0	62,0	20,0	**66,0**	**25,0**	7,0	2,0		1.000
2427CA01M	74,0	32,0	62,0	20,0	**66,0**	**25,0**	7,0	2,0	**Mit Membran** / with membrane	500
2428CA01	77,0	33,0	63,0	19,0	**69,0**	**25,0**	7,0	2,0		1.000





new PRODUCT

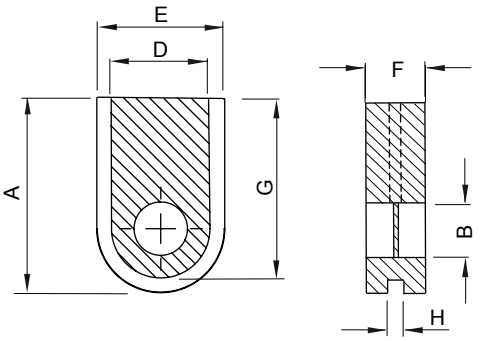
- **Material** / *Material: Shore EPDM Shore 65 A ±5*
- **Temperaturbereich** / *Working Temperature:* **-40°C ~ +105°C**

- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Montagebohrung *Mounting hole*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15861GS01	42,0	19,0	7,0	37,0 x 14,0		1.000

KABELDURCHFÜHRUNG MIT MEMBRANE
CABLE GROMMET WITH MEMBRANE



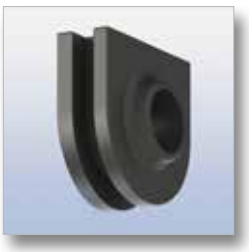


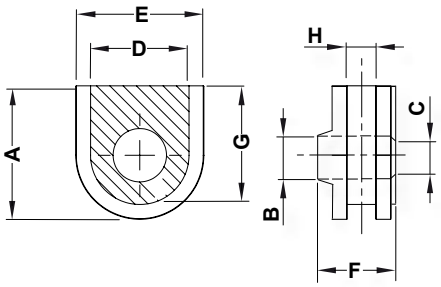
- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*

- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C** / **TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich Temperaturbereich: -35°C ~ +105°C** / *On special request available with UL certified TPE Working Temperature: -35°C ~ +105°C*

ARTIKEL *P/N*	A	B	D	E	F	G	H	VPE-Stckz. *Moq-Pcs*
3550CA01M	33,0	Ø 13,8	20,0	28,0	7,0	28,0	2,0	1.000





- **Material** / *Material: Shore 70 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*

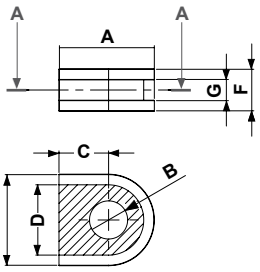
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C** / **TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich Temperaturbereich: -35°C ~ +105°C** / *On special request available with UL certified TPE Working Temperature: -35°C ~ +105°C*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	VPE-Stckz. *Moq-Pcs*
10947CA01	14,0	5,5	4,0	9,3	14,0	8,0	11,5	2,0	1.000

TYPE 1

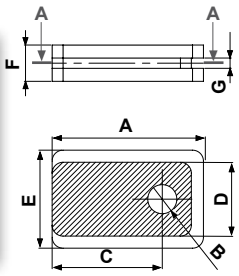




SECTION A-A

TYPE 2

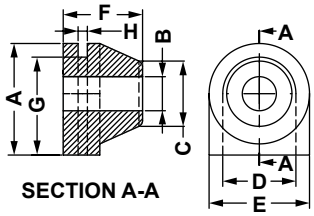




SECTION A-A

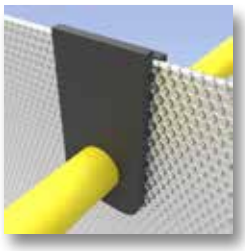
TYPE 3

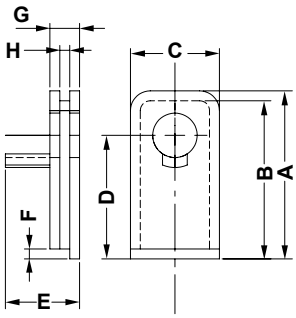




SECTION A-A

TYPE 4

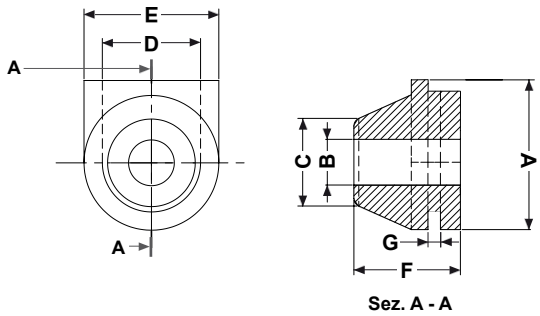




- **Material: PVC** / *Material: PVC (15902PS01 in* **TPE)**
- **Auf Anfrage auch in TPE Material erhältlich HB (UL94)** *Avaiable in TPE HB (UL94) by special request*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / *Working Temperature:*
  - **PVC: -25°C ~ +60°C**
  - **TPE: -28°C ~ +90°C**
  - **EPDM: -**40°C ~ +90°C
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	H	Material *Material*	VPE-Stckz. *Moq-Pcs*
4282CA01	1	10,0	3,0	4,0	8,0	12,0	7,0	3,0	-	PVC Shore 50	1.000
4688CA01	1	23,0	8,5	12,5	17,0	22,0	10,0	5,0	-	PVC	1.000
4281CA01	1	23,0	10,0	12,5	17,0	22,0	10,0	5,0	-	PVC	1.000
4281CA01M	1	23,0	10,0	12,5	17,0	22,0	10,0	5,0	-	PVC mit Membran / *with membrane*	1.000
13081CA01M	1	24,0	-	-	20,0	24,0	9,0	2,0	-	PVC mit Membran / with Membrane	1.000
15902PS01	1	24,0	13,5	12,0	20,0	24,0	9,0	4,0	-	TPE mit Membran / with Membrane	500
4380CA01	2	25,0	5,0	17,5	12,0	16,0	6,0	2,0	-	PVC	1.000
5330CA01	2	25,0	6,0	17,5	12,0	16,0	6,0	2,0	-	PVC	1.000
4279CA01	3	14,3	4,0	9,0	8,5	12,0	10,0	12,5	2,0	PVC	1.000
4280CA01	3	18,0	6,5	10,0	11,0	16,0	12,0	15	2,0	PVC	1.000
10951CA01	3	14,3	5,5	10,0	8,5	12,0	10,0	12,5	2,0	PVC	1.000
10941GS01	4	34,0	6,0	25,0	14,0	18,0	6,0	2,0	32,0	EPDM 60Shore A	1.000





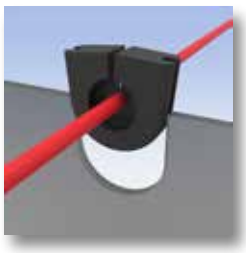
Sez. A - A

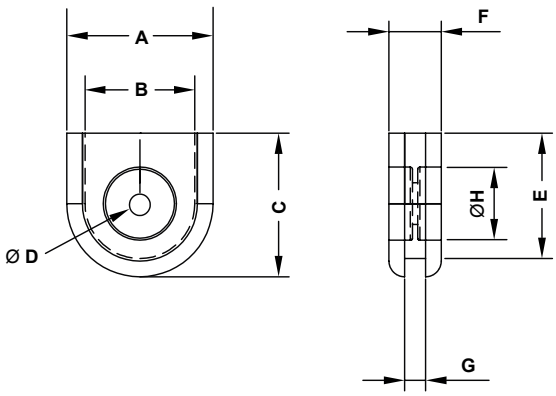
- **Material** / *Material: Shore 50 PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*

- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C** / **TPE: -28°C ~ +90°C**

new **Auf Anfrage in UL zertifiziertem TPE erhältlich Temperaturbereich: -35°C ~ +105°C** / *On special request available with UL certified TPE Working Temperature: -35°C ~ +105°C*

ARTIKEL *P/N*	A	B	C	D	E	F	G	VPE-Stckz. *Moq-Pcs*
10946CA01	17,5	8,0	10,2	11,0	16,0	12,0	2,0	1.000

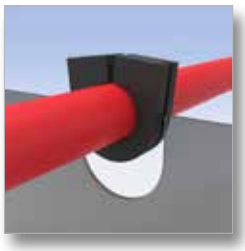




- **Material TPE Shore A60** / *Material: TPE Shore A 60*
- **Temperaturbereich** / *Working temperature:* **-28°C ~ +90°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**

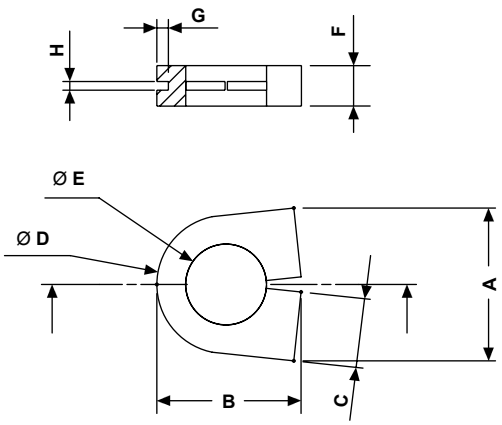
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10897PS01M	14,0	11,0	14,5	Ø 2,0	13,0	5,0	1,6	Ø 7,0		1.000
10898GS01M	19,0	-	19,0	-	-	7,0	2,0	Ø 9,5	geslossen Membrane / closed membrane	100





SECTION A-A



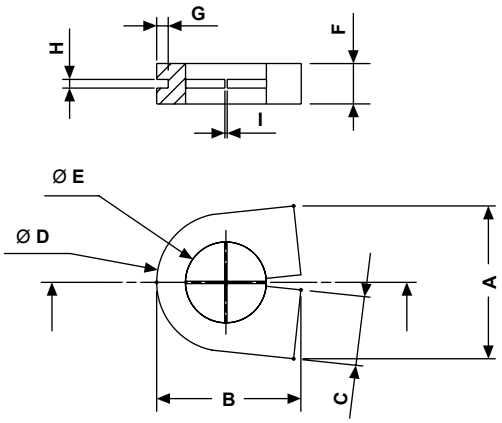
- **Material** / *Material: TPE Shore A 60*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12620PS01	26,5	25,0	12,0	24,0	14,0	7,0	2,0	1,5	geschlosse Membran / *Closed membrane*	1.000





SECTION A-A

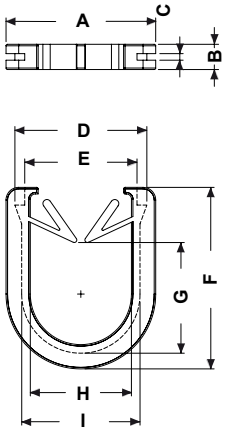


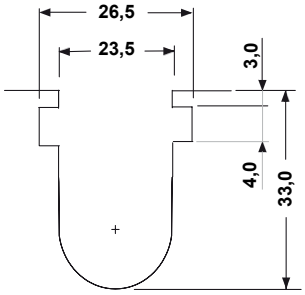
- **Material** / *Material: TPE Shore A 60*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12621PS01	26,5	25,0	12,0	24,0	14,0	7,0	2,0	1,5	0,4	kreuzgeschlitzte Membran/ *cross-linked membrane*	500









Ausstanzung
PANEL CUT

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

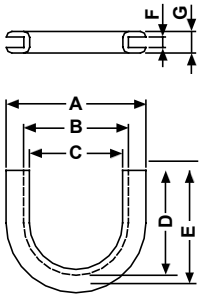
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +105°C**

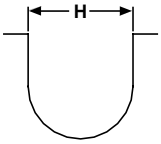
- **auf Anfrage auch in Material PA 4.6 UL94V2 lieferbar** / *on special request in Material PA 4.6 UL94V2 available*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +150°C**

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
8187AA01	29,6	5,0	1,3	26,1	22,2	35,9	21,9	20,0	23,4	1.000
12966AA01	29,6	5,8	2,1	26,1	22,2	35,9	21,9	20,0	23,4	1.000









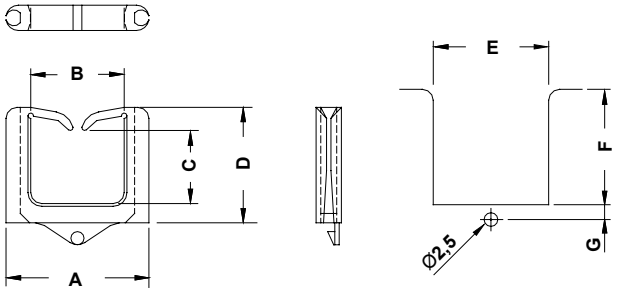
Ausstanzung
PANEL CUT

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Schwarz** / *Colour: Black*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	VPE-Stckz. *Moq-Pcs*
8191AA01	24,0	18,0	16,0	18,0	21,0	1,8	3,7	18,0	1.000
8192AA01	24,3	19,3	17,5	24,5	27,0	1,9	3,9	19,3	1.000



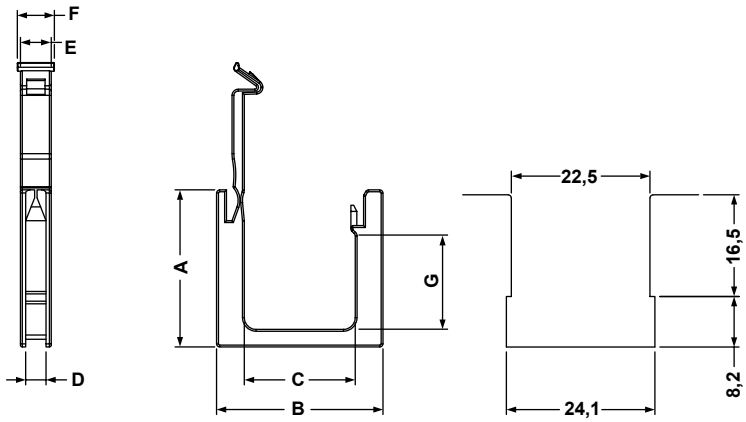


AUSSTANZUNG / PANEL CUT

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
8193AA00	19,8	11,5	7,3	12,1	14,0	12,3	2,8	0,8 - 2,0	1.000
8194AA00	26,0	17,0	14,0	21,0	21,0	21,0	2,7	0,8 - 2,0	500
8195AA00	33,2	22,7	22,4	28,8	27,0	29,0	2,7	0,8 - 2,0	500





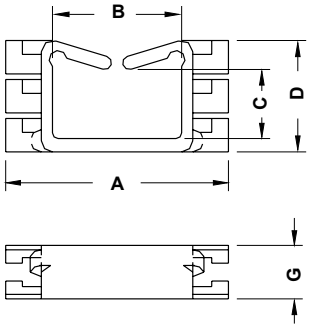
AUSSTANZUNG / PANEL CUT

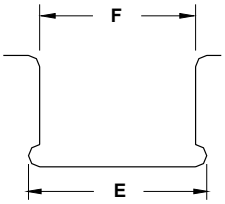
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
13181AA00	25,5	27,0	18,0	3,3	5,0	6,0	15,0	0,8 - 3,0		1.000







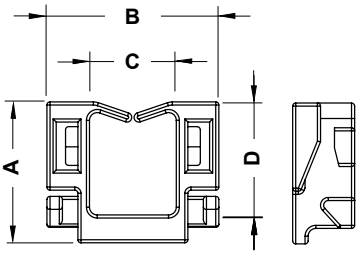


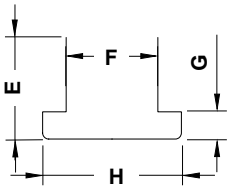
Ausstanzung
PANEL CUT

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
8196AA01	20,0	11,6	6,2	10,0	16,0	14,0	4,8	0,8 - 1,2	500
8197AA01	22,0	14,6	4,2	8,0	19,0	17,0	6,0	1,2 - 2,8	500





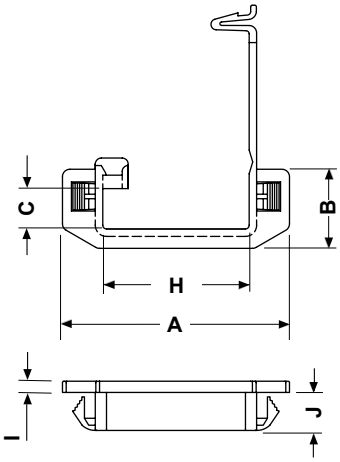


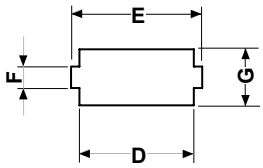
Ausstanzung
PANEL CUT

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

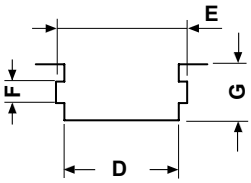
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Farbe *Colour*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
8318AA00	9,1	11,1	5,6	6,0	8,2	7,4	2,2	11,2	**Natur** / *Natural*	0,9	500
8318AA01	9,1	11,1	5,6	6,0	8,2	7,4	2,2	11,2	**Schwarz** / *Black*	0,9	500







Montage Durchführung
Through hole installation

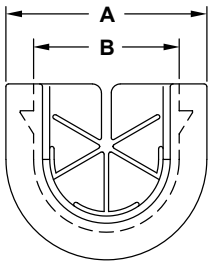


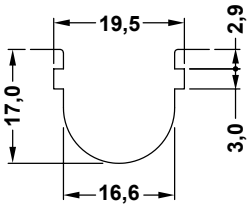
Montage Aussparung
Edge installation

- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** */ on special request in Material PA 6.6 UL94V0 available*
- **Plattendicke** */ panel thickness:*
  - **Maß E= 25,0: 0,8 - 1,6 /** *for E= 25,0: 0,8 - 1,6*
  - **Maß E= 26,0: 2,0 /** *for E= 26,0: 2,0*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	VPE-Stckz. *Moq-Pcs*
10666AA00	30,4	11,6	5,4	21,8	25,0 / 26,0	4,1	10,7	19,6	1,5	5,1	500
10667AA00	31,0	19,0	12,2	22,0	25,0 / 26,0	5,0	18,0	19,6	1,5	5,1	500





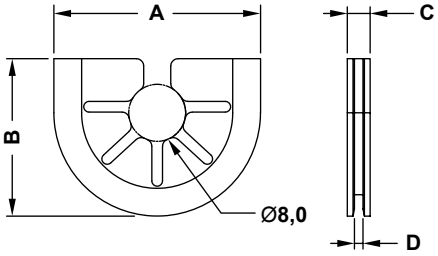


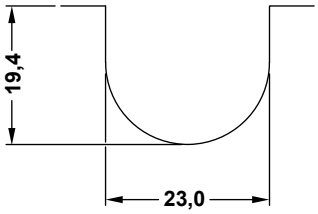
Ausstanzung
PANEL CUT

- **Material: PA 6.6** */ Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** */ on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14898AA01	22,5	16,3	4,0	19,7	16,6	2,0		1.000



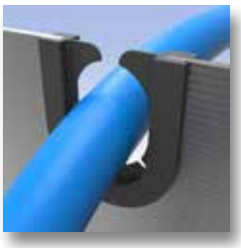


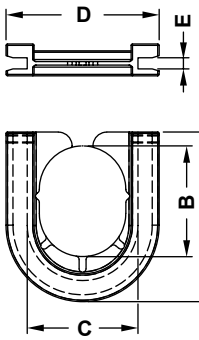


Ausstanzung
PANEL CUT

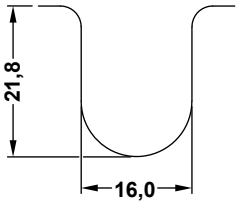
- **Material: PA 6.6** */ Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** */ on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14897AA01	29,0	22,1	3,2	1,2	1,0		1.000





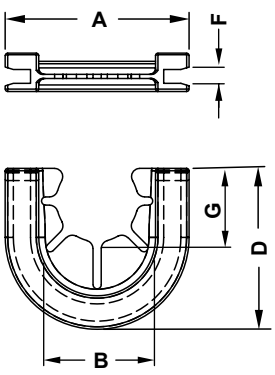
Ausstanzung
PANEL CUT



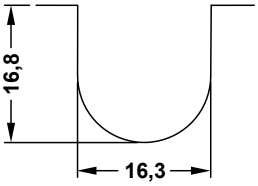
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14900AA01	24,5	16,0	16,0	22,1	1,6	3,6	21,5	1,5		1.000



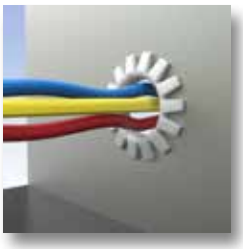


Ausstanzung
PANEL CUT

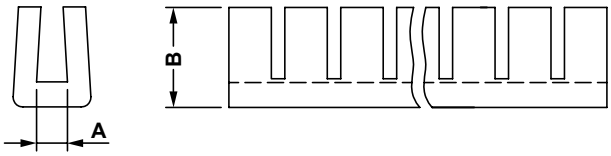


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14899AA01	23,0	16,0	3,7	19,7	16,6	1,7	10,5	1,6		1.000

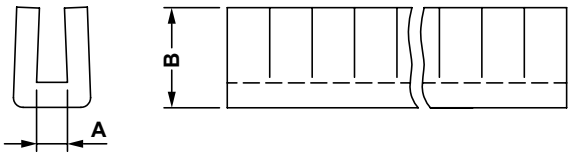


TYPE 1





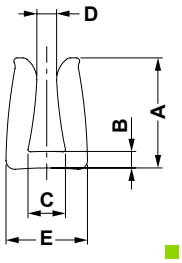
TYPE 2

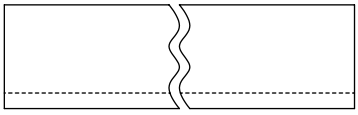


- **Material: PE** / *Material: PE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +70°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
6768EA00	1	1,1	5,2	0,9 - 1,1	10,0 mt
6769EA00	1	1,3	5,4	1,1 - 1,3	10,0 mt
6770EA00	1	1,7	5,4	1,4 - 1,7	10,0 mt
6772EA00	1	2,2	5,4	1,8 - 2,2	10,0 mt
6773EA00	1	2,7	5,7	2,2 - 2,6	10,0 mt
6774EA00	1	3,3	6,1	2,8 - 3,2	10,0 mt
6775EA00	1	4,3	6,5	3,8 - 4,2	10,0 mt
6771EA00	2	1,7	5,4	1,4 - 1,7	10,0 mt



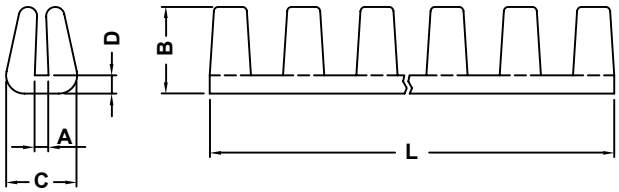




- **Material: PA 6** / *Material: PA 6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11593AA00	5,0	1,0	1,0	0,8	3,0	0,8 - 1,0	1 Stange= 1m	100
11594AA00	5,0	1,0	1,3	0,8	3,3	0,8 - 1,2	1 Stange= 1m	100
11595AA00	5,0	1,0	1,7	0,9	3,7	1,2 - 1,6	1 Stange= 1m	100
11596AA00	5,0	1,0	2,4	1,2	4,4	1,6 - 2,3	1 Stange= 1m	100
11597AA00	5,0	1,0	3,3	1,5	5,3	2,3 - 3,2	1 Stange= 1m	100



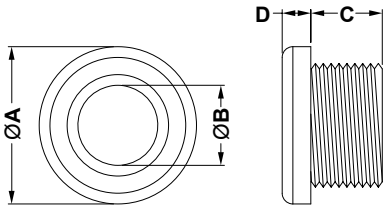


- **Material: PA 6.6** / *Material: PA 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	L	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6780AA00	0,6	3,8	3,1	0,8	260,0	0,5 - 0,7		500
6781AA00	0,8	3,8	3,1	0,8	260,0	0,7 - 0,9		500
6782AA00	1,0	3,8	3,3	0,8	260,0	0,9 - 1,1		500
6783AA00	1,2	3,8	3,5	0,8	260,0	1,1 - 1,3		500
6784AA00	1,4	3,8	3,65	0,8	260,0	1,3 - 1,5		500
19245AA00	1,4	3,8	3,65	0,8	290,0	1,3 - 1,5		500
6785AA00	1,6	3,8	3,9	0,8	260,0	1,4 - 1,7		500
19246AA00	1,6	5,3	4,5	0,8	256,0	1,0 - 1,5		500
19247AA00	1,6	5,3	4,5	1,4	260,0	1,0 - 1,5		500
6786AA00	2,0	3,8	4,3	0,8	260,0	1,8 - 2,0		500
19248AA00	2,5	3,8	4,8	0,8	260,0	2,0 - 2,5		500
6787AA00	3,0	4,8	6,2	0,8	260,0	2,5 - 3,0		500

KABELDURCHFÜHRUNG MIT GEWINDE
CABLE GROMMET WITH THREAD



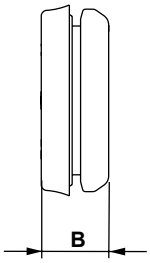


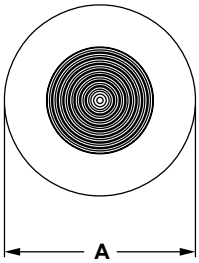
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**Gewinde** *Thread*	**A**	**B**	**C**	**D**	**Bohrung** *Hole*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
14866AA01	M10	Ø15,0	Ø7,0	8,5	3,5	Ø10,0 - 10,5		1.000
14867AA01	M12	Ø18,0	Ø8,8	8,5	3,5	Ø12,0 - 12,5		1.000
14868AA01	M16	Ø21,7	Ø11,2	10,0	3,5	Ø16,0 - 16,5		1.000
14869AA01	M20	Ø26,8	Ø15,2	10,0	3,5	Ø20,0 - 20,5		1.000
14870AA01	M25	Ø32,6	Ø19,2	10,0	4,0	Ø25,0 - 25,5		1.000
14871AA01	M32	Ø42,0	Ø26,2	15,0	4,0	Ø32,0 - 32,5		1.000











DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

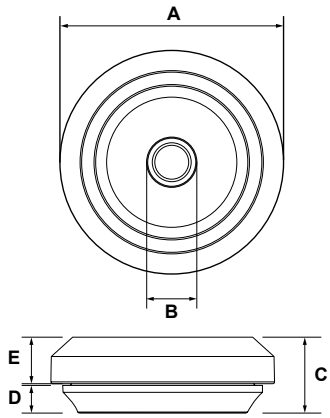
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +105° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Schutzart = IP66-IP67** / *Protecion grade =IP66- IP67*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	Kabel Ø *Cable Ø*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11514PS11	**11514PS01**	Ø 24,0	12,0	Ø 1,0 - 10,0	Ø 17,5	1,5 - 2,5	10
11515PS11	**11515PS01**	Ø 29,0	12,0	Ø 1,0 - 13,0	Ø 21,5	1,5 - 2,5	10
11516PS11	**11516PS01**	Ø 34,0	12,0	Ø 1,0 - 15,0	Ø 26,5	1,5 - 2,5	10
11517PS11	**11517PS01**	Ø 40,0	12,0	Ø 1,0 - 22,0	Ø 33,5	1,5 - 2,5	10

KABELDURCHFÜHRUNG METRISCH SNAP-FIT IP67
SNAP-FIT IP67 GROMMETS

RAL 7035 **RAL 9005** **RAL 9010**





- **Material: TPE** / *Material: TPE*
- **Farbe: Weiß, Grau und Schwarz** / *Colour: White, Gray and Black*
- **Schutzart = IP67** / *Protecion grade = IP67*
- **Konform mit SEMKO – Norm** / *SEMKO conformity*
- **Temperaturbereich** / *Working temperature*
  -50°C ~ +125° C
- **Alle Maße sind in mm** / *All dimensions are in mm*

- **Auch in TPE UL94-VO erhältlich** / *Available also in TPE UL94-V0*
- **Farbe: Weiß, Grau und Schwarz** / *Colour: White, Gray and Black*
- **Schutzart = IP67** / *Protecion grade = IP67*
- **Konform mit SEMKO – Norm** / *SEMKO conformity*
- **Temperaturbereich** / *Working temperature*
  -40°C ~ +80° C

ARTIKEL *P/N*	Kabel Ø *Cable ø*	Bohrung *Hole*	Stärke *Thickness*	A*	B	C	D	E*	VPE-Stckz. *Moq-Pcs*
GRAU RAL 7035 / *GRAY RAL 7035*									
9040PF117035	5,0 - 10,0	Ø 16,5	0,5 - 3,0	23,5	4,0	11,0	4,0	6,7	500
9041PF117035	6,0 - 13,0	Ø 20,5	0,5 - 3,0	27,5	5,0	11,0	4,0	6,7	500
9042PF117035	8,0 - 17,0	Ø 25,5	0,5 - 3,5	32,5	7,0	11,0	4,0	6,7	500
9043PF117035	12,0 - 24,0	Ø 32,5	0,5 - 4,5	39,5	11,0	11,0	4,0	6,7	500
9044PF117035	19,0 - 30,0	Ø 40,5	1,5 - 4,5	47,5	18,0	13,5	4,8	7,4	500
SCHWARZ RAL 9005 / *BLACK RAL 9005*									
9040PF019005	5,0 - 10,0	Ø 16,5	0,5 - 3,0	23,5	4,0	11,0	4,0	6,7	500
9041PF019005	6,0 - 13,0	Ø 20,5	0,5 - 3,0	27,5	5,0	11,0	4,0	6,7	500
9042PF019005	8,0 - 17,0	Ø 25,5	0,5 - 3,5	32,5	7,0	11,0	4,0	6,7	500
9043PF019005	12,0 - 24,0	Ø 32,5	0,5 - 4,5	39,5	11,0	11,0	4,0	6,7	500
9044PF019005	19,0 - 30,0	Ø 40,5	1,5 - 4,5	47,5	18,0	13,5	4,8	7,4	500
WEIß RAL 9010 / *WHITE RAL 9010*									
9040PF029010	5,0 - 10,0	Ø 16,5	0,5 - 3,0	23,5	4,0	11,0	4,0	6,7	500
9041PF029010	6,0 - 13,0	Ø 20,5	0,5 - 3,0	27,5	5,0	11,0	4,0	6,7	500
9042PF029010	8,0 - 17,0	Ø 25,5	0,5 - 3,5	32,5	7,0	11,0	4,0	6,7	500
9043PF029010	12,0 - 24,0	Ø 32,5	0,5 - 4,5	39,5	11,0	11,0	4,0	6,7	500
9044PF029010	19,0 - 30,0	Ø 40,5	1,5 - 4,5	47,5	18,0	13,5	4,8	7,4	500

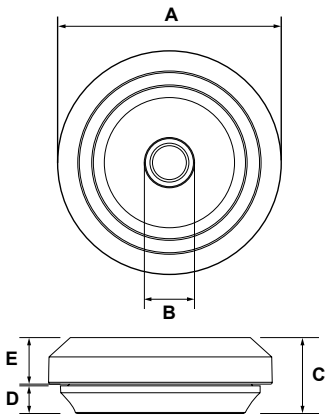
* Ø **Variiert je nach Materialstärke - nach der Montage** / Varies depending on the thickness of material installed in.

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KABELDURCHFÜHRUNG PG SNAP-FIT IP67
SNAP-FIT IP67 GROMMETS

RAL 7001 **RAL 9005** **RAL 9010**





- **Material: TPE** / *Material: TPE*
- **Farbe: Weiß, Grau und Schwarz** / *Colour: White, Gray and Black*
- **Schutzart = IP67** / *Protecion grade = IP67*
- **Konform mit SEMKO – Norm** / *SEMKO conformity*
- **Temperaturbereich** / *Working temperature*
  -50°C ~ +125° C
- **Alle Maße sind in mm** / *All dimensions are in mm*

- **Auch in TPE UL94-VO erhältlich** / *Available also in TPE UL94-V0*
- **Farbe: Weiß, Grau und Schwarz** / *Colour: White, Gray and Black*
- **Schutzart = IP67** / *Protecion grade = IP67*
- **Konform mit SEMKO – Norm** / *SEMKO conformity*
- **Temperaturbereich** / *Working temperature*
  -40°C ~ +80° C

ARTIKEL *P/N*	Kabel Ø *Cable ø*	Bohrung *Hole*	Stärke *Thickness*	A*	B	C	D	E*	VPE-Stckz. *Moq-Pcs*
GRAU RAL 7035 / *GRAY RAL 7035*									
9045PF117035	5,0 - 10,0	Ø 16,0	0,5 - 3,0	24,0	4,0	11,0	4,0	6,7	500
9046PF117035	6,0 - 12,0	Ø 19,0	0,5 - 3,0	26,0	5,0	11,0	4,0	6,7	500
9047PF117035	8,0 - 15,0	Ø 23,0	0,5 - 3,5	30,0	7,0	11,0	4,0	6,7	500
9048PF117035	10,0 - 20,0	Ø 29,0	0,5 - 4,5	36,0	9,0	11,0	4,0	6,7	500
9049PF117035	18,0 - 27,0	Ø 38,0	1,5 - 4,5	45,0	17,0	13,5	4,8	7,4	500
SCHWARZ RAL 9005 / *BLACK RAL 9005*									
9045PF019005	5,0 - 10,0	Ø 16,0	0,5 - 3,0	24,0	4,0	11,0	4,0	6,7	500
9046PF019005	6,0 - 12,0	Ø 19,0	0,5 - 3,0	26,0	5,0	11,0	4,0	6,7	500
9047PF019005	8 ,0- 15,0	Ø 23,0	0,5 - 3,5	30,0	7,0	11,0	4,0	6,7	500
9048PF019005	10,0 - 20,0	Ø 29,0	0,5 - 4,5	36,0	9,0	11,0	4,0	6,7	500
9049PF019005	18,0 - 27,0	Ø 38,0	1,5 - 4,5	45,0	17,0	13,5	4,8	7,4	500
WEIß RAL 9010 / *WHITE RAL 9010*									
9045PF029010	5,0 - 10,0	Ø 16,0	0,5 - 3,0	24,0	4,0	11,0	4,0	6,7	500
9046PF029010	6,0 - 12,0	Ø 19,0	0,5 - 3,0	26,0	5,0	11,0	4,0	6,7	500
9047PF029010	8,0 - 15,0	Ø 23,0	0,5 - 3,5	30,0	7,0	11,0	4,0	6,7	500
9048PF029010	10,0 - 20,0	Ø 29,0	0,5 - 4,5	36,0	9,0	11,0	4,0	6,7	500
9049PF029010	18,0 - 27,0	Ø 38,0	1,5 - 4,5	45,0	17,0	13,5	4,8	7,4	500

* Ø **Variiert je nach Materialstärke - nach der Montage** / Varies depending on the thickness of material installed in.

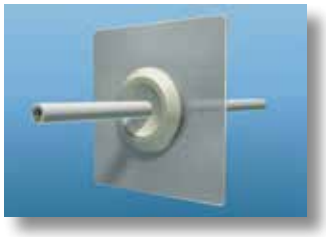
INSTALLATION DER KABELDURCHFÜHRUNG
HOW TO INSTALL THE GROMMET



Die Kabelführung von Innen in die Bohrung einführen.
Push the grommet into the hole.



Die Membran mit dem Kabel durchbohren und auf die gewünschte Position einschieben.
Pierce the grommet with cable.



Die Kabeldurchführung zur Arretierung in die Gegenrichtung ziehen.
The grommet is locked in position by pulling it back.

HAUPTEIGENSCHAFTEN UND VORTEILE DER KABELDURCHFÜHRUNG
PRODUCT FEATURES OF THE GROMMETS

Einfache, schnelle und werkzeuglose Montage durch Eindrücken
Easy and quick installation without tools

Schutzklasse außen IP67
IP class: IP65 (external)

Verkürzte Installationszeiten gegenüber Standardkabelverschraubungen
Significant timesaving



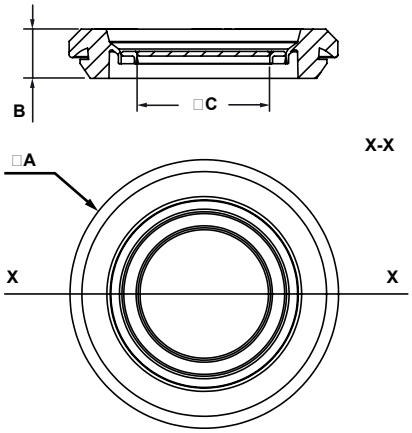
An eine breite Auswahl von anpassbar
Self-adjusting to cable diameter

Anpassbar an verschd. Materialstärken
Self-adjusting to wall thickness

Als Schutzkappe verwendbar solange die Membran nicht durchbohrt wird
Suitable as protection plug against dust and moisture even if a cable ha not been installed

KABELDURCHFÜHRUNG SNAP-FIT IP67*
*SNAP-FIT GROMMETS IP67**





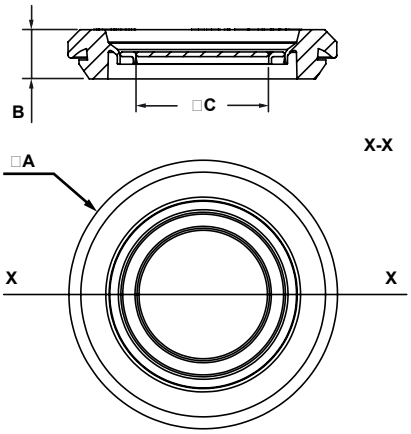
- **Material: TPE** / *Material: TPE*
- **Auf Anfrage auch in TPE V0 (UL94) erhältlich**
  Available in TPE V0 (UL94) by special request
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Temperaturbereich** / *Working temperature:* **-40°C ~+100°C**
- **Schutzart: IP67** / *Protection grade: IP67*
- **12266PFxxxx, 16466PFxxxx: *M100, M120 IP54**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Bohrung *Hole*	Stärke *Panel Thickness*	A	B	C	VPE-Stckz. *Moq-Pcs*
16464PF117035	Ø 9,0	1,0 - 3,5	18,0	9,0	2,0 - 6,0	500
22000PF117035	Ø 12,0	1,5 - 4,5	22,0	11,0	3,0 - 7,0	500
22001PF117035	Ø 16,0	1,5 - 4,5	23,5	11,0	5,0 - 10,0	500
22002PF117035	Ø 20,0	1,5 - 4,5	27,5	11,0	5,0 - 12,0	500
16465PF117035	Ø 23,0	1,5 - 4,5	32,5	11,0	10,0 - 14,0	500
22003PF117035	Ø 25,0	1,5 - 4,5	32,5	11,0	8,0 - 15,0	500
22004PF117035	Ø 32,0	1,5 - 4,5	44,0	15,0	14,0 - 20,0	400
22005PF117035	Ø 40,0	1,5 - 5,5	53,0	15,0	20,0 - 28,0	250
22006PF117035	Ø 50,0	1,5 - 5,5	65,0	21,0	27,0 - 35,0	150
22007PF117035	Ø 60,0	1,5 - 5,5	71,0	21,0	15,0 - 45,0	100
22008PF117035	Ø 80,0	1,5 - 5,5	93,0	25,0	20,0 - 60,0	50
16466PF117035	Ø 100,0	1,5 - 5,5	122,0	20,0	52,0 - 85,0	50
12266PF117035	Ø 120,0	1,5 - 6,0	142,0	26,0	70,0 - 100,0	20

* Ø **Variiert je nach Materialstärke - nach der Montage** / Varies depending on the thickness of material installed in.

KABELDURCHFÜHRUNG SNAP-FIT IP67*
*SNAP-FIT GROMMETS IP67**





- **Material: TPE** / *Material: TPE*
- **Auf Anfrage auch in TPE V0 (UL94) erhältlich**
  Available in TPE V0 (UL94) by special request
- **Farbe: Schwarz RAL 9011** / *Colour: Black RAL 9011*
- **Temperaturbereich** / *Working temperature:* **-40°C ~+100°C**
- **Schutzart: IP67** / *Protection grade: IP67*
- **12266PFxxxx, 16466PFxxxx: *M100, M120 IP54**
- **Alle Maße sind in mm** / *All dimensions are in mm*

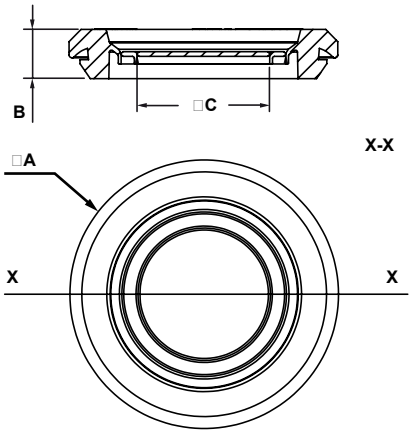
ARTIKEL *P/N*	Bohrung *Hole*	Stärke *Panel Thickness*	A	B	C	VPE-Stckz. *Moq-Pcs*
16464PF019011	Ø 9,0	1,0 - 3,5	18,0	9,0	2,0 - 6,0	500
22000PF019011	Ø 12,0	1,5 - 4,5	22,0	11,0	3,0 - 7,0	500
22001PF019011	Ø 16,0	1,5 - 4,5	23,5	11,0	5,0 - 10,0	500
22002PF019011	Ø 20,0	1,5 - 4,5	27,5	11,0	5,0 - 12,0	500
16465PF019011	Ø 23,0	1,5 - 4,5	32,5	11,0	10,0 - 14,0	500
22003PF019011	Ø 25,0	1,5 - 4,5	32,5	11,0	8,0 - 15,0	500
22004PF019011	Ø 32,0	1,5 - 4,5	44,0	15,0	14,0 - 20,0	400
22005PF019011	Ø 40,0	1,5 - 5,5	53,0	15,0	20,0 - 28,0	250
22006PF019011	Ø 50,0	1,5 - 5,5	65,0	21,0	27,0 - 35,0	150
22007PF019011	Ø 60,0	1,5 - 5,5	71,0	21,0	15,0 - 45,0	100
22008PF019011	Ø 80,0	1,5 - 5,5	93,0	25,0	20,0 - 60,0	50
16466PF019011	Ø 100,0	1,5 - 5,5	122,0	20,0	52,0 - 85,0	50
12266PF019011	Ø 120,0	1,5 - 6,0	142,0	26,0	70,0 - 100,0	20

* Ø **Variiert je nach Materialstärke - nach der Montage** / Varies depending on the thickness of material installed in.

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KABELDURCHFÜHRUNG SNAP-FIT IP67 V0*
*SNAP-FIT GROMMETS IP67 V0**



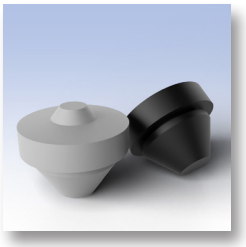


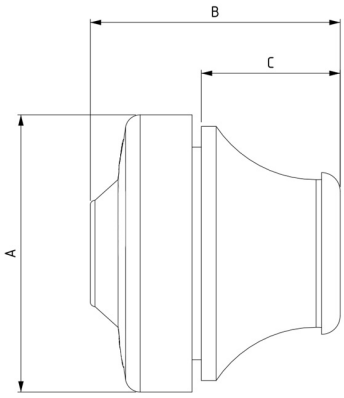
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~+100°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Weiß** / *Colour: White*
- **Schutzart: IP67** / *Protection grade: IP67*
- **1266PFxxxx, 16466PFxxxx: *M100, M120 IP54**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Bohrung *Hole*	Stärke *Panel Thickness*	A	B	C	VPE-Stckz. *Moq-Pcs*
16464PV02	Ø 9,0	1,0 - 3,5	18,0	9,0	2,0 - 6,0	500
22000PV02	Ø 12,0	1,5 - 4,5	22,0	11,0	3,0 - 7,0	500
22001PV02	Ø 16,0	1,5 - 4,5	23,5	11,0	5,0 - 10,0	500
22002PV02	Ø 20,0	1,5 - 4,5	27,5	11,0	5,0 - 12,0	500
16465PV02	Ø 23,0	1,5 - 4,5	32,5	11,0	10,0 - 14,0	500
22003PV02	Ø 25,0	1,5 - 4,5	32,5	11,0	8,0 - 15,0	500
22004PV02	Ø 32,0	1,5 - 4,5	44,0	15,0	14,0 - 20,0	400
22005PV02	Ø 40,0	1,5 - 5,5	53,0	15,0	20,0 - 28,0	250
22006PV02	Ø 50,0	1,5 - 5,5	65,0	21,0	27,0 - 35,0	150
22007PV02	Ø 60,0	1,5 - 5,5	71,0	21,0	15,0 - 45,0	100
22008PV02	Ø 80,0	1,5 - 5,5	93,0	25,0	20,0 - 60,0	50
16466PV02	Ø 100,0	1,5 - 5,5	122,0	20,0	52,0 - 85,0	50
12266PV02	Ø 120,0	1,5 - 6,0	142,0	26,0	70,0 - 100,0	20

* **Ø Variiert je nach Materialstärke - nach der Montage** / Varies depending on the thickness of material installed in.

KABELDURCHFÜHRUNG
CABLE GROMMET



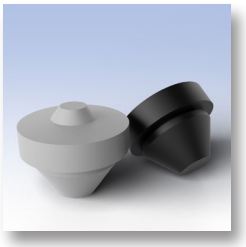


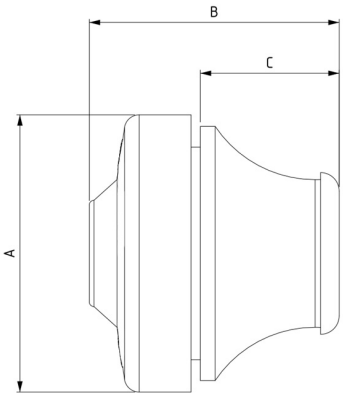
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working Temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø Kabel *Ø Cable*	Bohrung *Hole*	Stärke *Thickness*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
GRAU RAL 7035 / *GRAY RAL 7035*								
18744PS117035	Ø3,0-5,0	Ø 13,0	1,0 - 4,0	20,0	20,0	8,0	V0 (UL94)	1800
18745PS117035	Ø5,0-7,0	Ø 16,0	1,0 - 4,0	20,0	22,0	10,5	V0 (UL94)	1500
18746PS117035	Ø7,0-10,0	Ø 19,0	1,0 - 4,0	24,0	24,0	12,5	V0 (UL94)	1200
18747PS117035	Ø10,0-14,0	Ø 23,0	1,0 - 4,0	29,0	27,0	15,0	V0 (UL94)	700
18748PS117035	Ø14,0-20,0	Ø 29,0	1,0 - 4,0	34,0	29,5	17,5	V0 (UL94)	400
18749PS117035	Ø20,0-26,0	Ø 38,0	1,0 - 4,0	46,0	35,5	20,0	V0 (UL94)	250
18750PS117035	Ø26,0-35,0	Ø 48,0	1,0 - 4,0	57,5	40,0	23,5	V0 (UL94)	120
GRAU RAL 7042 / *GRAY RAL 7042*								
18816PS117042	Ø3,0-5,0	Ø 13,0	1,0 - 4,0	20,0	20,0	8,0	HB (UL94)	1800
18817PS117042	Ø5,0-7,0	Ø 16,0	1,0 - 4,0	20,0	22,0	10,5	HB (UL94)	1500
18818PS117042	Ø7,0-10,0	Ø 19,0	1,0 - 4,0	24,0	24,0	12,5	HB (UL94)	1200
18819PS117042	Ø10,0-14,0	Ø 23,0	1,0 - 4,0	29,0	27,0	15,0	HB (UL94)	700
18820PS117042	Ø14,0-20,0	Ø 29,0	1,0 - 4,0	34,0	29,5	17,5	HB (UL94)	400
18821PS117042	Ø20,0-26,0	Ø 38,0	1,0 - 4,0	46,0	35,5	20,0	HB (UL94)	250
18822PS117042	Ø26,0-35,0	Ø 48,0	1,0 - 4,0	57,5	40,0	23,5	HB (UL94)	120

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CABLE GROMMET



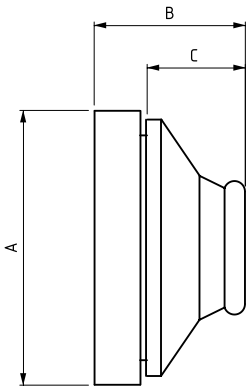


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Farbe: Schwarz RAL 9005** / *Colour: Black RAL 9005*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**Ø Kabel** *Ø Cable*	**Bohrung** *Hole*	**Stärke** *Thickness*	**A**	**B**	**C**	**VPE-Stckz.** *Moq-Pcs*
18744PS019005	Ø3,0-5,0	Ø 13,0	1,0 - 4,0	20,0	20,0	8,0	1800
18745PS019005	Ø5,0-7,0	Ø 16,0	1,0 - 4,0	20,0	22,0	10,5	1500
18746PS019005	Ø7,0-10,0	Ø 19,0	1,0 - 4,0	24,0	24,0	12,5	1200
18747PS019005	Ø10,0-14,0	Ø 23,0	1,0 - 4,0	29,0	27,0	15,0	700
18748PS019005	Ø14,0-20,0	Ø 29,0	1,0 - 4,0	34,0	29,5	17,5	400
18749PS019005	Ø20,0-26,0	Ø 38,0	1,0 - 4,0	46,0	35,5	20,0	250
18750PS019005	Ø26,0-35,0	Ø 48,0	1,0 - 4,0	57,5	40,0	23,5	120

KABELDURCHFÜHRUNG
CABLE GROMMET





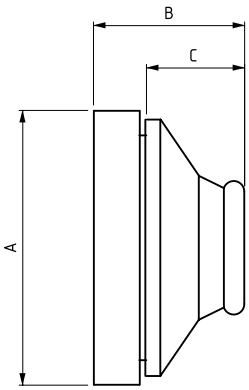
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working Temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø Kabel *Ø Cable*	Bohrung *Hole*	Stärke *Thickness*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
			GRAU RAL 7035 / *GRAY RAL 7035*					
18751PS117035	Ø3,0 - 5,0	Ø 12,5	1,0 - 5,0	19,0	21,0	10,5	V0 (UL94)	1500
18752PS117035	Ø5,0 - 7,0	Ø 16,5	1,0 - 5,0	23,0	22,5	11,5	V0 (UL94)	1500
18753PS117035	Ø7,0 - 10,0	Ø 20,5	1,0 - 5,0	27,0	25,0	11,5	V0 (UL94)	1000
18754PS117035	Ø10,0 - 14,0	Ø 25,5	1,0 - 5,0	32,0	25,0	12,5	V0 (UL94)	600
18755PS117035	Ø14,0 - 20,0	Ø 32,5	1,0 - 5,0	39,0	29,0	13,0	V0 (UL94)	400
18756PS117035	Ø20,0 - 26,0	Ø 40,5	1,0 - 5,0	46,0	33,0	16,0	V0 (UL94)	250
18757PS117035	Ø26,0 - 35,0	Ø 50,5	1,0 - 5,0	57,0	40,0	21,5	V0 (UL94)	140
18758PS117035	Ø30,0 - 45,0	Ø 63,5	1,0 - 5,0	69,0	61,0	37,0	V0 (UL94)	175
18759PS117035	Ø40,0 - 60,0	Ø 76,0	1,2 - 5,2	89,0	79,0	53,0	V0 (UL94)	80
			GRAU RAL 7042 / *GRAY RAL 7042*					
18823PS117042	Ø3,0 - 5,0	Ø 12,5	1,0 - 5,0	19,0	21,0	10,5	HB (UL94)	1500
18824PS117042	Ø5,0 - 7,0	Ø 16,5	1,0 - 5,0	23,0	22,5	11,5	HB (UL94)	1500
18825PS117042	Ø7,0 - 10,0	Ø 20,5	1,0 - 5,0	27,0	25,0	11,5	HB (UL94)	1000
18826PS117042	Ø10,0 - 14,0	Ø 25,5	1,0 - 5,0	32,0	25,0	12,5	HB (UL94)	600
18827PS117042	Ø14,0 - 20,0	Ø 32,5	1,0 - 5,0	39,0	29,0	13,0	HB (UL94)	400
18828PS117042	Ø20,0 - 26,0	Ø 40,5	1,0 - 5,0	46,0	33,0	16,0	HB (UL94)	250
18829PS117042	Ø26,0 - 35,0	Ø 50,5	1,0 - 5,0	57,0	40,0	21,5	HB (UL94)	140
18830PS117042	Ø30,0 - 45,0	Ø 63,5	1,0 - 5,0	69,0	61,0	37,0	HB (UL94)	175
18831PS117042	Ø40,0 - 60,0	Ø 76,0	1,2 - 5,2	89,0	79,0	53,0	HB (UL94)	80

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KABELDURCHFÜHRUNG
CABLE GROMMET



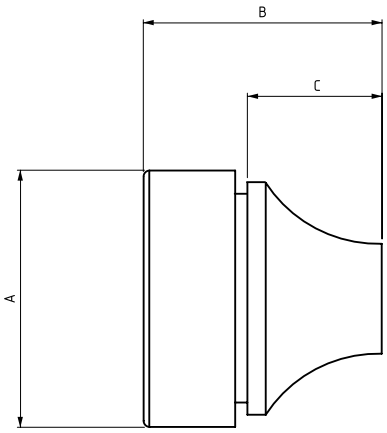


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working Temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz RAL 9005** / *Colour: Black RAL 9005*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø Kabel *Ø Cable*	Bohrung *Hole*	Stärke *Thickness*	A	B	C	VPE-Stckz. *Moq-Pcs*
18751PS019005	Ø3,0 - 5,0	Ø 12,5	1,0 - 5,0	19,0	21,0	10,5	1500
18752PS019005	Ø5,0 - 7,0	Ø 16,5	1,0 - 5,0	23,0	22,5	11,5	1500
18753PS019005	Ø7,0 - 10,0	Ø 20,5	1,0 - 5,0	27,0	25,0	11,5	1000
18754PS019005	Ø10,0 - 14,0	Ø 25,5	1,0 - 5,0	32,0	25,0	12,5	600
18755PS019005	Ø14,0 - 20,0	Ø 32,5	1,0 - 5,0	39,0	29,0	13,0	400
18756PS019005	Ø20,0 - 26,0	Ø 40,5	1,0 - 5,0	46,0	33,0	16,0	250
18757PS019005	Ø26,0 - 35,0	Ø 50,5	1,0 - 5,0	57,0	40,0	21,5	140
18758PS019005	Ø30,0 - 45,0	Ø 63,5	1,0 - 5,0	69,0	61,0	37,0	175
18759PS019005	Ø40,0 - 60,0	Ø 76,0	1,2 - 5,2	89,0	79,0	53,0	80

KABELDURCHFÜHRUNG
CABLE GROMMET



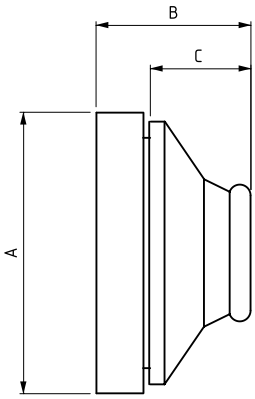


- **Material: EPDM** / *Material: EPDM*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +120° C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø Kabel *Ø Cable*	Bohrung *Hole*	Stärke *Thickness*	A	B	C	VPE-Stckz. *Moq-Pcs*
			GRAU RAL 7035 / *GRAY RAL 7035*				
18760GS117035	Ø3,0 - 5,0	Ø 13,2	1,0 - 4,0	20,0	13,0	5,0	1000
18761GS117035	Ø5,0 - 7,0	Ø 16,0	1,0 - 4,0	20,5	19,5	11,5	1000
18762GS117035	Ø7,0 - 10,0	Ø 19,0	1,0 - 4,0	24,0	21,0	12,5	1000
18763GS117035	Ø8,0 - 14,0	Ø 23,0	1,0 - 4,0	28,0	22,5	14,0	1000
18764GS117035	Ø14,0 - 20,0	Ø 29,0	1,0 - 4,0	34,0	25,0	17,0	500
18765GS117035	Ø20,0 - 26,0	Ø 38,0	1,0 - 4,0	46,0	28,5	20,0	500
18766GS117035	Ø26,0 - 35,0	Ø 48,0	1,0 - 4,0	57,5	31,5	22,5	200
			SCHWARZ RAL 9005 / *BLACK RAL 9005*				
18760GS019005	Ø3,0-5,0	Ø 13,2	1,0 - 4,0	20,0	13,0	5,0	1000
18761GS019005	Ø5,0 - 7,0	Ø 16,0	1,0 - 4,0	20,5	19,5	11,5	1000
18762GS019005	Ø7,0 - 10,0	Ø 19,0	1,0 - 4,0	28,0	22,5	14,0	1000
18763GS019005	Ø8,0 - 14,0	Ø 23,0	1,0 - 4,0	24,0	21,0	12,5	1000
18764GS019005	Ø14,0 - 20,0	Ø 29,0	1,0 - 4,0	34,0	25,0	17,0	500
18765GS019005	Ø20,0 - 26,0	Ø 38,0	1,0 - 4,0	46,0	28,5	20,0	500
18766GS019005	Ø26,0 - 35,0	Ø 48,0	1,0 - 4,0	57,5	31,5	22,5	200

KABELDURCHFÜHRUNG
CABLE GROMMET





- **Material: EPDM** / *Material: EPDM*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +120° C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø Kabel *Ø Cable*	Bohrung *Hole*	Stärke *Thickness*	A	B	C	VPE-Stckz. *Moq-Pcs*
			GRAU RAL 7035 / *GRAY RAL 7035*				
18767GS117035	Ø3,0 - 5,0	Ø 12,5	1,3 - 5,0	19,0	18,0	11,0	1000
18768GS117035	Ø5,0 - 7,0	Ø 16,5	1,3 - 5,0	23,0	18,5	11,5	1000
18769GS117035	Ø7,0 - 10,0	Ø 20,5	1,3 - 5,0	27,0	20,0	12,0	1000
18770GS117035	Ø10,0 - 14,0	Ø 25,5	1,3 - 5,0	32,0	20,0	12,0	1000
18771GS117035	Ø14,0 - 20,0	Ø 32,5	1,3 - 5,0	39,0	21,5	14,0	500
18772GS117035	Ø20,0 - 26,0	Ø 40,5	1,3 - 5,0	47,0	24,0	16,5	500
18773GS117035	Ø26,0 - 35,0	Ø 50,5	1,3 - 5,0	58,0	30,0	22,5	200
18774GS117035	Ø30,0 - 45,0	Ø 63,5	1,3 - 5,0	68,0	45,0	38,0	100
18775GS117035	Ø40,0 - 60,0	Ø 76,0	1,3 - 5,0	91,5	60,0	54,0	50
			SCHWARZ RAL 9005 / *BLACK RAL 9005*				
18767GS019005	Ø3,0 - 5,0	Ø 12,5	1,3 - 5,0	19,0	18,0	11,0	1000
18768GS019005	Ø5,0 - 7,0	Ø 16,5	1,3 - 5,0	23,0	18,5	11,5	1000
18769GS019005	Ø7,0 - 10,0	Ø 20,5	1,3 - 5,0	27,0	20,0	12,0	1000
18770GS019005	Ø10,0 - 14,0	Ø 25,5	1,3 - 5,0	32,0	20,0	12,0	1000
18771GS019005	Ø14,0 - 20,0	Ø 32,5	1,3 - 5,0	39,0	21,5	14,0	500
18772GS019005	Ø20,0 - 26,0	Ø 40,5	1,3 - 5,0	47,0	24,0	16,5	500
18773GS019005	Ø26,0 - 35,0	Ø 50,5	1,3 - 5,0	58,0	30,0	22,5	200
18774GS019005	Ø30,0 - 45,0	Ø 63,5	1,3 - 5,0	68,0	45,0	38,0	100
18775GS019005	Ø40,0 - 60,0	Ø 76,0	1,3 - 5,0	91,5	60,0	54,0	50

KABELDURCHFÜHRUNG METRISCH SNAP-FIT IP67
METRIC SNAP-FIT IP67 PROTECTION GROMMETS

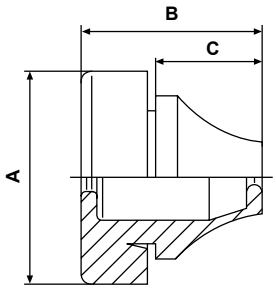
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RAL 7001



RAL 7035





- **Material: EPDM** / *Material: EPDM*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Schutzart = IP67 nach EN 60529** / *Protecion grade = IP67 according to EN 60529*
- **Konform mit SEMKO – Norm** / *SEMKO conformity*
- **Temperaturbereich** / *Working Temperature* **-40°C ~ +110° C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

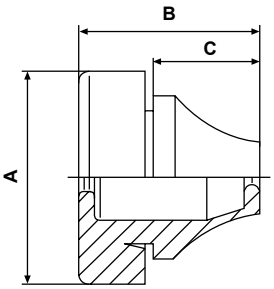
ARTIKEL *P/N*	KABEL Ø *Cable Ø*	Bohrung *Hole*	Stärke *Thickness*	A	B	C	VPE-Stckz. *Moq-Pcs.*
			GRAU RAL 7001 / *GRAY RAL 7001*				
9010GS117001	4 - 7	Ø 12,5	0,5 - 2	20,0	12,8	5,6	500
12292GS117001	4 - 7	Ø 12,5	2 - 5	20,0	12,7	5,4	2.000
9011GS117001	5 - 9	Ø 16,5	1 - 4	21,0	17,7	11,0	500
12293GS117001	5 - 9	Ø 16,5	2 - 5	21,0	18,0	10,5	2.000
9012GS117001	8 - 13	Ø 20,5	1 - 4	25,5	20	13,4	500
9013GS117001	11 - 17	Ø 25,5	1 - 4	30,5	21,3	15,3	500
9014GS117001	15 - 20	Ø 32,5	1 - 4	38,5	24,6	18,6	500
9015GS117001	19 - 28	Ø 40,5	1 - 4	48,5	29,5	21,7	500
9016GS117001	27 - 35	Ø 50,5	1 - 4	60,5	34,8	25,0	500
12294GS117001	34 - 45	Ø 63,5	1 - 4	73,5	40,0	28,9	200
			GRAU RAL 7035 / *GRAY RAL 7035*				
9010GS117035	4 - 7	Ø 12,5	0,5 - 2	20,0	12,8	5,6	500
12292GS117035	4 - 7	Ø 12,5	2 - 5	20,0	12,7	5,4	2.000
9011GS117035	5 - 9	Ø 16,5	1 - 4	21,0	17,7	11,0	500
12293GS117035	5 - 9	Ø 16,5	2 - 5	21,0	18,0	10,5	2.000
9012GS117035	8 - 13	Ø 20,5	1 - 4	25,5	20	13,4	500
9013GS117035	11 - 17	Ø 25,5	1 - 4	30,5	21,3	15,3	500
9014GS117035	15 - 20	Ø 32,5	1 - 4	38,5	24,6	18,6	500
9015GS117035	19 - 28	Ø 40,5	1 - 4	48,5	29,5	21,7	500
9016GS117035	27 - 35	Ø 50,5	1 - 4	60,5	34,8	25,0	500
12294GS117035	34 - 45	Ø 63,5	1 - 4	73,5	40,0	28,9	200

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KABELDURCHFÜHRUNG METRISCH SNAP-FIT IP67
METRIC SNAP-FIT IP67 PROTECTION GROMMETS

RAL 9005





- **Material: EPDM** / *Material: EPDM*
- **Schutzart = IP67 nach EN 60529** / *Protecion grade = IP67 according to EN 60529*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Konform mit SEMKO – Norm** / *SEMKO conformity*
- **Temperaturbereich** / *Working Temperature* **-40°C ~ +110° C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

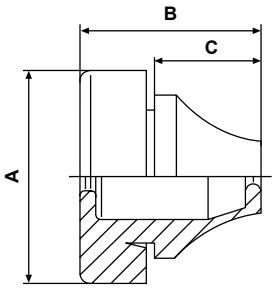
ARTIKEL *P/N*	**KABEL Ø** *CABLE Ø*	**Bohrung** *Hole*	**Stärke** *Thickness*	A	B	C	**VPE-Stckz.** *Moq-Pcs.*
SCHWARZ RAL 9005 / *BLACK RAL 9005*							
9010GS019005	4 - 7	Ø 12,5	0,5 - 2	20,0	12,8	5,6	500
12292GS019005	4 - 7	Ø 12,5	2 - 5	20,0	12,7	5,4	2.000
9011GS019005	5 - 9	Ø 16,5	1 - 4	21,0	17,7	11,0	500
12293GS019005	5 - 9	Ø 16,5	2 - 5	21,0	18,0	10,5	2.000
9012GS019005	8 - 13	Ø 20,5	1 - 4	25,5	20,0	13,4	500
9013GS019005	11 - 17	Ø 25,5	1 - 4	30,5	21,3	15,3	500
9014GS019005	15 - 20	Ø 32,5	1 - 4	38,5	24,6	18,6	500
9015GS019005	19 - 28	Ø 40,5	1 - 4	48,5	29,5	21,7	500
9016GS019005	27 - 35	Ø 50,5	1 - 4	60,5	34,8	25,0	500
12294GS019005	34 - 45	Ø 63,5	1 - 4	73,5	40,0	28,9	200

KABELDURCHFÜHRUNG PG SNAP-FIT IP67
PG SNAP-FIT IP67 PROTECTION GROMMETS

fastpoint

RAL 7001 | RAL 7035 | RAL 9005





- **Material: EPDM** / *Material: EPDM*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Schutzart = IP67 nach EN 60529** / *Protecion grade = IP67 according to EN 60529*
- **Konform mit SEMKO – Norm** / *SEMKO conformity*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +110° C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

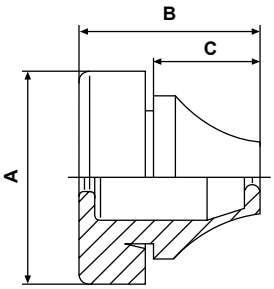
ARTIKEL *P/N*	KABEL Ø *CABLE Ø*	Bohrung *Hole*	Stärke *Thickness*	A	B	C	VPE-Stckz. *Moq-Pcs.*
GRAU RAL 7001 / *GRAY RAL 7001*							
9020GS117001	3,0 - 5,0	Ø 13,0	0,5 - 2,0	20,0	12,7	5,4	500
9021GS117001	5,0 - 7,0	Ø 16,0	1,0 - 4,0	21,0	18,0	10,3	500
9022GS117001	7,0 - 10,0	Ø 19,0	1,0 - 4,0	24,0	20,0	12,7	500
9023GS117001	10,0 - 14,0	Ø 23,0	1,0 - 4,0	28,0	21,6	14,7	500
9024GS117001	14,0 - 20,0	Ø 29,0	1,0 - 4,0	35,0	24,8	17,6	500
9025GS117001	20,0 - 26,0	Ø 38,0	1,0 - 4,0	46,0	28,5	20,0	400
9026GS117001	26,0 - 35,0	Ø 48,0	1,0 - 4,0	58,0	35,0	23,9	500
GRAU RAL 7035 / *GRAY RAL 7035*							
9020GS117035	3,0 - 5,0	Ø 13,0	0,5 - 2,0	20,0	12,7	5,4	500
9021GS117035	5,0 - 7,0	Ø 16,0	1,0 - 4,0	21,0	18,0	10,3	500
9022GS117035	7,0 - 10,0	Ø 19,0	1,0 - 4,0	24,0	20,0	12,7	500
9023GS117035	10,0 - 14,0	Ø 23,0	1,0 - 4,0	28,0	21,6	14,7	500
9024GS117035	14,0 - 20,0	Ø 29,0	1,0 - 4,0	35,0	24,8	17,6	500
9025GS117035	20,0 - 26,0	Ø 38,0	1,0 - 4,0	46,0	28,5	20,0	400
9026GS117035	26,0 - 35,0	Ø 48,0	1,0 - 4,0	58,0	35,0	23,9	500
SCHWARZ RAL 9005 / *BLACK RAL 9005*							
9020GS019005	3,0 - 5,0	Ø 13,0	0,5 - 2,0	20,0	12,7	5,4	500
9021GS019005	5,0 - 7,0	Ø 16,0	1,0 - 4,0	21,0	18,0	10,3	500
9022GS019005	7,0 - 10,0	Ø 19,0	1,0 - 4,0	24,0	20,0	12,7	500
9023GS019005	10,0 - 14,0	Ø 23,0	1,0 - 4,0	28,0	21,6	14,7	500
9024GS019005	14,0 - 20,0	Ø 29,0	1,0 - 4,0	35,0	24,8	17,6	500
9025GS019005	20,0 - 26,0	Ø 38,0	1,0 - 4,0	46,0	28,5	20,0	400
9026GS019005	26,0 - 35,0	Ø 48,0	1,0 - 4,0	58,0	35,0	23,9	500

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KABELDURCHFÜHRUNG“LIGHT” SNAP-FIT IP67
METRIC SNAP-FIT IP67 GROMMETS “LIGHT”

RAL 7001 **RAL 7035** **RAL 9005**







STANDARD **LIGHT**

Die Type “LIGHT” ist mit einer geringeren Materialstärke hergestellt.
Dies ermöglicht eine einfachere und schnellere Montage.
“LIGHT” type is produced with less material making it easier and faster to install.

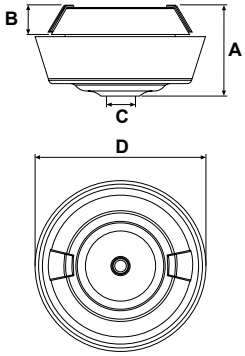
- **Material: EPDM** / *Material: EPDM*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Schutzart = IP67 nach EN 60529** / *Protecion grade = IP67 according to EN 60529*
- **Konform mit SEMKO – Norm** / *SEMKO conformity*
- **Temperaturbereich** / *Working Temperature* **-40°C ~ +110° C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Kabel Ø *Cable ø*	Bohrung *Hole*	Stärke *Thickness*	A	B	C	VPE-Stckz. *Moq-Pcs*
GRAU RAL 7001 / *GRAY RAL 7001*							
9030GS117001	5,0 - 9,0	Ø 16,5	1,0 - 4,0	21,0	18,0	11,0	500
9031GS117001	8,0 - 12,0	Ø 20,5	1,0 - 4,0	25,5	20,0	13,4	500
9032GS117001	11,0 - 16,0	Ø 25,5	1,0 - 4,0	30,5	21,6	15,3	500
GRAU RAL 7035 / *GRAY RAL 7035*							
9030GS117035	5,0 - 9,0	Ø 16,5	1,0 - 4,0	21,0	18,0	11,0	500
9031GS117035	8,0 - 12,0	Ø 20,5	1,0 - 4,0	25,5	20,0	13,4	500
9032GS117035	11,0 - 16,0	Ø 25,5	1,0 - 4,0	30,5	21,6	15,3	500
SCHWARZ RAL 9005 / *BLACK RAL 9005*							
9030GS019005	5,0 - 9,0	Ø 16,5	1,0 - 4,0	21,0	18,0	11,0	500
9031GS019005	8 ,0- 12,0	Ø 20,5	1,0 - 4,0	25,5	20,0	13,4	500
9032GS019005	11,0 - 16,0	Ø 25,5	1,0 - 4,0	30,5	21,6	15,3	500

KABELDURCHFÜHRUNGEN “SNAP-FIT” IP67
SNAP-FIT IP67 PROTECTION GROMMETS







- **Material: TPE - PA 6.6 /** *Material: TPE - PA 6.6*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Schutzart = IP67 - IP65 siehe Tabelle /** *Protecion grade = IP67 - IP65 see Table*
- **Temperaturbereich** / *Working Temperature* **-20°C ~ +125° C**
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	IP67 Type A* IP67 type A*	IP65 IP65	Bohrung *Hole*	Stärke *Thickness*	A	B	C	D***	VPE-Stckz. *Moq-Pcs*
			GRAU RAL 7035 / *GRAY RAL 7035*						
9000PF117035	7,0 - 11,0	4 - 11	Ø 20,5	0,5 - 3,0	17 - 20	5,5	4,0	34,2 - 37,2	500
9001PF117035	7,0 - 13,0 **	4 - 13	Ø 25,5	0,9 - 3,0	17 - 20	5,5	5,0	39,2 - 42,2	500
9002PF117035	7,0 - 11,0	4 - 11	Ø 20,5	2,0 - 5,0	17 - 20	5,5	4,0	29,3 - 34,5	500
9003PF117035	7,0 - 13,0 **	4 - 13	Ø 25,5	2,0 - 5,0	17 - 20	5,5	5,0	34,3 - 40,0	500
			SCHWARZ RAL 9005 / *BLACK RAL 9005*						
9000PF019005	7,0 - 11,0	4 - 11	Ø 20,5	0,5 - 3,0	17 - 20	5,5	4,0	34,2 - 37,2	500
9001PF019005	7,0 - 13,0 **	4 - 13	Ø 25,5	0,9 - 3,0	17 - 20	5,5	5,0	39,2 - 42,2	500
9002PF019005	7,0 - 11,0	4 - 11	Ø 20,5	2,0 - 5,0	17 - 20	5,5	4,0	29,3 - 34,5	500
9003PF019005	7,0 - 13,0 **	4 - 13	Ø 25,5	2,0 - 5,0	17 - 20	5,5	5,0	34,3 - 40,0	500
			WEIß RAL 9010 / *WHITE RAL 9010*						
9000PF029010	7,0 - 11,0	4 - 11	Ø 20,5	0,5 - 3,0	17 - 20	5,5	4,0	34,2 - 37,2	500
9001PF029010	7,0 - 13,0 **	4 - 13	Ø 25,5	0,9 - 3,0	17 - 20	5,5	5,0	39,2 - 42,2	500
9002PF029010	7,0 - 11,0	4 - 11	Ø 20,5	2,0 - 5,0	17 - 20	5,5	4,0	29,3 - 34,5	500
9003PF029010	7,0 - 13,0 **	4 - 13	Ø 25,5	2,0 - 5,0	17 - 20	5,5	5,0	34,3 - 40,0	500

Test standards: *EN60529:1991+A1, EN50262:1998, EMKO-TUI (O3-SEC) FI001/84*
Konform mit SEMKO – Norm */ SEMKO conformity*
* **Zugentlastung Type A nach Vorschrift EN 50262** */ Cable anchorage Type A according to EN 50262*
** **Für Kabel Ø 8,1 - 8,9 mm ist diese Kabeldurchführung nicht nach Type A zertifizier**/ *8,1 - 8,9 mm. only approved for tension relief*
*** **Die Abmessung des Außendurchmessers variiert je nach WandStärke** */ Varies depending on the thickness of material installed in.*

INSTALLATION DER KABELDURCHFÜHRUNG
HOW TO INSTALL THE GROMMET



Die Kabelführung von Innen mittig in die Bohrung einführen, dabei mit den Daumen bis zum “Einrasten” drücken.
Center the grommet in the opening from the inside, push evently with both thumbs until it clicks into place.



Das Kabel montieren.
Insert the cable from the site with polyamide tabs.



HAUPTEIGENSCHAFTEN UND VORTEILE DER KABELDURCHFÜHRUNG
PRODUCT FEATURES OF THE GROMMETS

Einfache und schnelle werkzeuglose Montage
Easy and quick installation without tools

Zertifizierte Zugentlastung nach EN 50262
Certified to Cable Anchorage Type A acc. to EN 50262

Kleine Einbaumaße
Space saving



Verkürzte Installationszeiten gegenüber Standardkabelverschraubungen
Save up to 90% on installation time

Für unterschiedliche Materialstärken
Self-adjusting to wall thickness

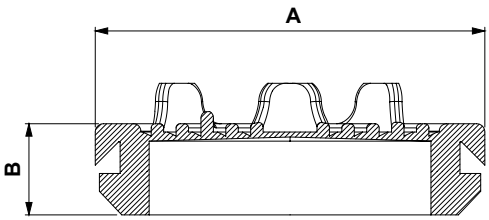
Integrierte Zugentlastung
Integrated tension relief

Nach Montage ist das Kabel in beide Richtungen fixiert
Fixed in both directions when mounted

Als Schutzkappe verwendbar, solange die Membran nicht angebohrt wird
Suitable as protection plug against dust and moisture even if a cable ha not been installed

Identische Schutzart IP67 wie eine Standardkabelverschraubung
Same IP67 protection standard cable gland

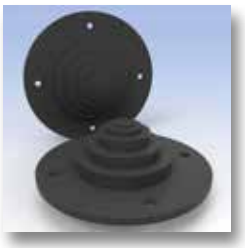


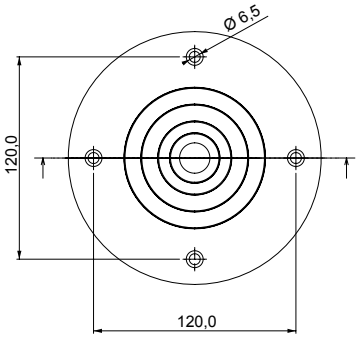


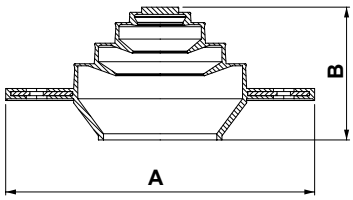
IP65 RoHS COMPLIANT REACH

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Auf Anfrage auch in der Farbe Schwarz erhältlich** / *Colour Black available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Gewinde *Size*	Ø Kabel *Ø Cable*	Stärke *Thickness*	A	B	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18796PS11	M40	Ø 10,0 - 34,0	1,0 - 3,5	47,0	11,0		400
18797PS11	M50	Ø 12,0 - 44,0	1,5 - 3,5	57,0	11,0		250
18798PS11	M60	Ø 12,0 - 54,0	1,5 - 3,5	67,0	11,0		200







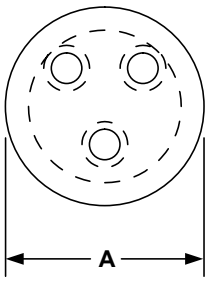
IP54 RoHS COMPLIANT REACH

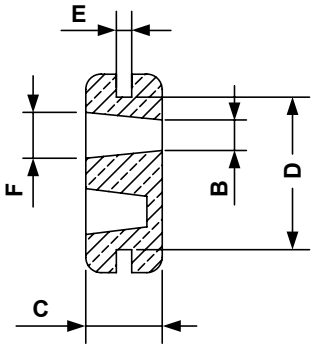
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Grau erhältlich** / *Colour Gray available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø Kabel *Ø Cable*	A	B	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18799GS01	Ø 20,0 - 80,0	150,0	64,0		50

MEHRFACH KABELDURCHFÜHRUNG
MULTIHOLE CABLE GROMMET







- **Material: PVC** / *Material: PVC*
- **Auf Anfrage auch in TPE Material erhältlich** / *TPE material available by Special Request*
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage auch in der Farbe Weiß erhältlich** / *Colour White available by Special Request*

- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / *Working Temperature:* **PVC: -25°C ~ +60°C** / **TPE: -28°C ~ +90°C**

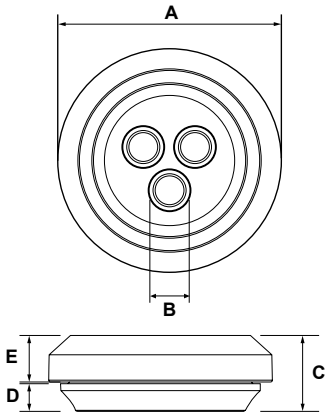
new **Auf Anfrage in UL zertifiziertem TPE erhältlich Temperaturbereich: -35°C ~ +105°C** / *On special request available with UL certified TPE Working Temperature: -35°C ~ +105°C*

ARTIKEL *P/N*	A	B	C	D	E	F	Anzahl Membranbohrungen *Number membrane holes*	VPE-Stckz. *Moq-Pcs*
10900CA01	**13,0**	2,0	5,0	10,0	**1,0**	3,0	1	1.000
10901CA01	**13,0**	2,0	6,0	10,0	**2,0**	3,0	1	1.000
10902CA01	**13,0**	2,0	7,0	10,0	**3,0**	3,0	1	1.000
10904CA01	**13,0**	2,0	5,0	10,0	**1,0**	3,0	2	1.000
13280CA01	**13,0**	2,0	6,0	10,0	**2,0**	3,0	2	1.000
5480CA01	**13,0**	2,0	7,0	10,0	**3,0**	3,0	2	1.000
10906CA01	**13,0**	2,0	5,0	10,0	**1,0**	3,0	3	1.000
5393CA01	**13,0**	2,0	6,0	10,0	**2,0**	3,0	3	1.000
10908CA01	**13,0**	2,0	7,0	10,0	**3,0**	3,0	3	1.000
10909CA01	**13,0**	2,0	5,0	10,0	**1,0**	3,0	0	1.000
10910CA01	**13,0**	2,0	6,0	10,0	**2,0**	3,0	0	1.000
10911CA01	**13,0**	2,0	7,0	10,0	**3,0**	3,0	0	1.000
13171CA01	**13,0**	1,0	7,0	10,0	**3,0**	3,5	0	1.000

KABELDURCHFÜHRUNG SNAP-FIT IP67
SNAP-FIT IP67 GROMMETS

RAL 7035 **RAL 9005** **RAL 9010**





- **Material: TPE** / *Material: TPE*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Schutzart = IP67** / *Protecion grade = IP67*
- **Konform mit SEMKO – Norm** / *SEMKO conformity*
- **Temperaturbereich** / *Working temperature*
  -50°C ~ +125° C
- **Alle Maße sind in mm** / *All dimensions are in mm*

- **Auch in TPE UL94-VO erhältlich** / *Available also in TPE UL94-V0*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Schutzart = IP67** / *Protecion grade = IP67*
- **Konform mit SEMKO – Norm** / *SEMKO conformity*
- **Temperaturbereich** / *Working temperature*
  -40°C ~ +80° C

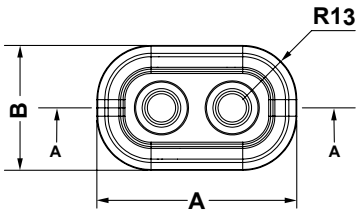
ARTIKEL *P/N*	**Kabel Ø** *Cable ø*	**Bohrung** *Hole*	**Stärke** *Thickness*	A*	B	C	D	E*	**VPE-Stckz.** *Moq-Pcs*
GRAU RAL 7035 / *GRAY RAL 7035*									
9051PF117035	3X 4 - 7	Ø 20,5	0,5 - 3	27,5	3,0	11,0	4,0	6,7	500
9052PF117035	3X 4 - 9	Ø 25,5	0,5 - 3,5	32,5	3,0	11,0	4,0	6,7	500
9053PF117035	3X 4 - 6	Ø 19,0	0,5 - 3	26,0	3,0	11,0	4,0	6,7	500
9054PF117035	3X 4 - 8	Ø 23,0	0,5 - 3,5	30,0	3,0	11,0	4,0	6,7	500
SCHWARZ RAL 9005 / *BLACK RAL 9005*									
9051PF019005	3X 4 - 7	Ø 20,5	0,5 - 3	27,5	3,0	11,0	4,0	6,7	500
9052PF019005	3X 4 - 9	Ø 25,5	0,5 - 3,5	32,5	3,0	11,0	4,0	6,7	500
9053PF019005	3X 4 - 6	Ø 19,0	0,5 - 3	26,0	3,0	11,0	4,0	6,7	500
9054PF019005	3X 4 - 8	Ø 23,0	0,5 - 3,5	30,0	3,0	11,0	4,0	6,7	500
WEIß RAL 9010 / *WHITE RAL 9010*									
9051PF029010	3X 4 - 7	Ø 20,5	0,5 - 3	27,5	3,0	11,0	4,0	6,7	500
9052PF029010	3X 4 - 9	Ø 25,5	0,5 - 3,5	32,5	3,0	11,0	4,0	6,7	500
9053PF029010	3X 4 - 6	Ø 19,0	0,5 - 3	26,0	3,0	11,0	4,0	6,7	500
9054PF029010	3X 4 - 8	Ø 23,0	0,5 - 3,5	30,0	3,0	11,0	4,0	6,7	500

* **Ø Variiert je nach Materialstärke - nach der Montage** / Varies depending on the thickness of material installed in.

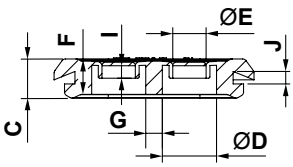
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KABELDURCHFÜHRUNG SNAP-FIT
MULTI HOLE SNAP-FIT PROTECTION GROMMETS





SECTION A-A

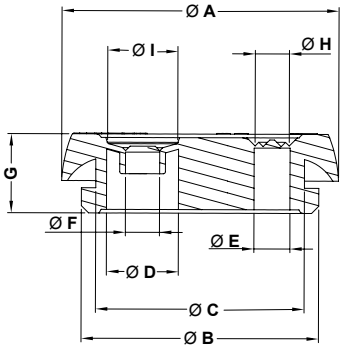


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature -40°C ~ +100° C*
- **Auf Anfrage auch in der Farbe Schwarz erhältlich** / *Colour Black available by Special Request*
- **Schutzart = IP67** / *Protecion grade = IP67*
- **Farbe: Weiß** / *Colour: White*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Auf Anfrage in TPE UL94-VO erhältlich** / *on special request available also in TPE UL94-V0*

ARTIKEL *P/N*	A	B	C	D	E	F	G	I	J	Ø Kabel *Cable Ø*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
12480PF02	48,0	30,0	9,5	13,0	8,0	8,0	4,0	3,0	3,0	8,0 - 13,0	38,0x20	1,0 - 3,0	300





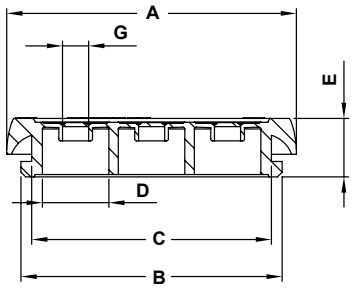


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Auf Anfrage auch in der Farbe Schwarz erhältlich** / *Colour Black available by Special Request*
- **Schutzart = IP67** / *Protecion grade = IP67*
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Entflammbarkeit** / *UL Flammability*: **HB (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Auf Anfrage in TPE UL94-VO erhältlich** / *on special request available also in TPE UL94-V0*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	Ø Kabel *Cable Ø*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
22013PF117035	38,5	33,0	29,0	10,0	5,0	4,7	11,0	4,7	9,7	3 x 3,0 - 4,0 3 x 5,0 - 9,0	Ø 28,0	1,5 - 5,0	300





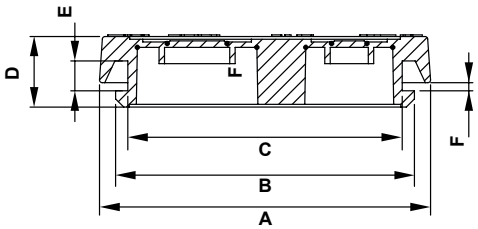


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Auf Anfrage auch in der Farbe Schwarz erhältlich** / *Colour Black available by Special Request*
- **Schutzart = IP67** / *Protecion grade = IP67*
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Entflammbarkeit** / *UL Flammability*: **HB (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Auf Anfrage in TPE UL94-VO erhältlich** / *on special request available also in TPE UL94-V0*

ARTIKEL *P/N*	A	B	C	D	E	G	Ø Kabel *Cables Ø*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
22012PF117035	Ø 61,0	Ø 55,0	Ø 50,5	Ø 14,0	12,3	Ø 5,5	7 x 6,0 - 13,0	Ø 50,0	1,5 - 5,0	150



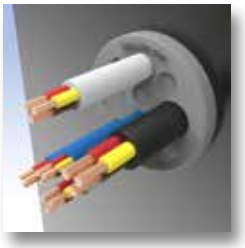




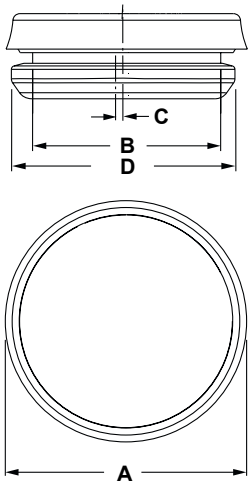
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Auf Anfrage auch in der Farbe Schwarz erhältlich** / *Colour Black available by Special Request*
- **Schutzart = IP67** / *Protecion grade = IP67*
- **Farbe: Grau** / *Colour: Gray*
- **Entflammbarkeit** / *UL Flammability*: **HB (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Auf Anfrage in TPE UL94-VO erhältlich** / *on special request available also in TPE UL94-V0*

ARTIKEL *P/N*	A	B	C	D	E	F	Ø Kabel *Cables Ø*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
15765PF117035	Ø 61,0	Ø 55,0	Ø 50,5	13,0	5,0	1,5	1 x 12 - 21 1 x 7 - 15 4 x 4 - 10 2 x 3 - 7	Ø 50,0	1,5 - 5,0	150

RUNDE KABELDURCHFÜHRUNG
ROUND CABLE ENTRY GROMMET







UV ISO 4892-2A

HALOGEN FREE

c UL us

ECOLAB

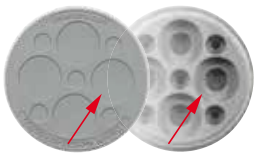
SILICONE FREE

IP66

IP65

RoHS COMPLIANT

NEMA 12

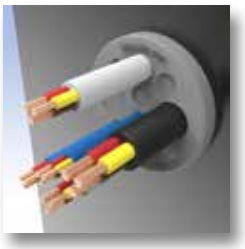


DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

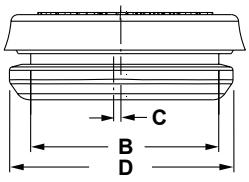
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +105° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

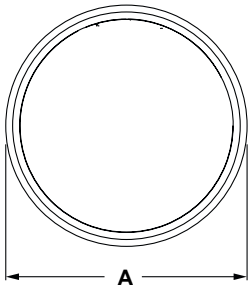
ARTIKEL *P/N* **Grau** / *Gray*	**ARTIKEL** *P/N* **Schwarz** / *Black*	**Ø A**	**Ø B**	**Ø D**	**C**	**Bohrung** *Hole*	**Stärke** *Thickness*	**Ø Kabel** *Ø Cable*	**VPE-Stckz.** *Moq-Pcs*
16228PS11	**16239PS01**	34,0	26,5	30,5	1,0	Ø 25,0 - 26,0	1,5 - 2,5	4 x Ø 8,0	10
16229PS11	**16240PS01**	34,0	26,5	30,5	1,0	Ø 25,0 - 26,0	1,5 - 2,5	4 x Ø 5,2 2 x Ø 9,4	10
16230PS11	**16241PS01**	40,0	33,5	37,5	1,0	Ø 32,0 - 33,0	1,5 - 2,5	6 x Ø 5,2 2 x Ø 6,4 2 x Ø 9,4	10
18637PS11	**19036PS01**	52,0	41,5	4,0	2,5	Ø 40,0-41,0	1,5 - 2,5	8 x Ø9,5 1 X Ø12,0	10
19037PS11	**19038PS01**	52,0	41,5	4,0	2,5	Ø 40,0-41,0	1,5 - 2,5	2 x Ø3,8 10 x Ø5,3 2 x Ø8,3 2 x Ø10,3	10
16231PS11	**16242PS01**	62,0	51,5	56,5	1,5	Ø 50,0 - 51,0	1,5 - 2,5	4 x Ø 18,3 5 x Ø 7,0	10
16232PS11	**16243PS01**	62,0	51,5	56,5	1,5	Ø 50,0 - 51,0	1,5 - 2,5	7 x Ø 7,0 3 x Ø 11,4 1 x Ø 22,0	10
16233PS11	**16244PS01**	62,0	51,5	56,5	1,5	Ø 50,0 - 51,0	1,5 - 2,5	10 x Ø 9,0 2 x Ø 11,4	10

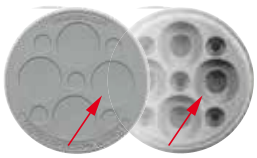
RUNDE KABELDURCHFÜHRUNG
ROUND CABLE ENTRY GROMMET











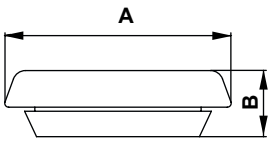
DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +105° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* **Grau** / *Gray*	**ARTIKEL** *P/N* **Schwarz** / *Black*	**Ø A**	**Ø B**	**Ø D**	**C**	**Bohrung** *Hole*	**Stärke** *Thickness*	**Ø Kabel** *Ø Cable*	**VPE-Stckz.** *Moq-Pcs*
16234PS11	**16245PS01**	62,0	51,5	56,5	1,5	Ø 50,0 - 51,0	1,5 - 2,5	5 x Ø 12,2 2 x Ø 6,0 4 x Ø 9,7 4 x Ø 7,2	10
16235PS11	**16246PS01**	62,0	51,5	56,5	1,5	Ø 50,0 - 51,0	1,5 - 2,5	4 x Ø 11,4 5 x Ø 5,5 3 x Ø 9,7 5 x Ø 6,5	10
16236PS11	**16247PS01**	62,0	51,5	56,5	1,5	50,0 - 51,0	1,5 - 2,5	4 x Ø 9,7 16 x Ø 6,5	10
16237PS11	**16248PS01**	40,0	33,5	37,5	1,5	50,0 - 51,0	2,8 - 4,0	6 x Ø 5,2 2 x Ø 6,4 2 x Ø 9,4	10
16238PS11	**16249PS01**	62,0	51,5	56,5	1,5	50,0 - 51,0	2,8 - 4,0	2 x Ø 11,4 10 x Ø 9,4	10

MEHRLOCHTÜLLE
MULTI-HOLE GROMMET





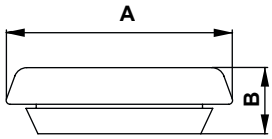
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Stärke *Thickness*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18717PS117035	32,2	13,0	Ø20.5	1,0 - 4,0	4 x 1 - 5,2	500
18718PS117035	32,2	13,0	Ø20.5	1,0 - 4,0	2 x 1- 4,5 2 x 1 - 8,0	500
18719PS117035	32,2	13,0	Ø20.5	1,0 - 4,0	2 x 1 - 3,6 2 x 1 - 4,6 1 x 1 - 10,6	500
18720PS117035	32,2	13,0	Ø20.5	1,0 - 4,0	4 x 1 - 3,6 5 x 1 - 4,6	500
18721PS117035	37,2	13,0	Ø25.5	1,0 - 4,0	4 x 1 - 8,0	500
18722PS117035	37,2	13,0	Ø25.5	1,0 - 4,0	2 x 1 - 9,4 4 x 1 - 5,2	500
18723PS117035	37,2	13,0	Ø25.5	1,0 - 4,0	7 x 1 - 5,5	500
18724PS117035	44,2	13,0	Ø32.5	1,0 - 4,0	7 x 1 - 8,0	400
18725PS117035	44,2	13,0	Ø32.5	1,0 - 4,0	2 x 1 - 6,4 2 x 1 - 9,4 6 x 1 - 5,2	400
18726PS117035	44,2	13,0	Ø32.5	1,0 - 4,0	10 x 1 - 6,4	400
18727PS117035	44,2	13,0	Ø32.5	1,0 - 4,0	2 x 1 - 8,0 9 x 1 - 5,2	400
18728PS117035	44,2	13,0	Ø32.5	1,0 - 4,0	13 x 1 - 5,2	400
18729PS117035	52,2	13,0	Ø40.5	1,0 - 4,0	1 x 1 - 11,3 8 x 1 - 9,5	300

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MEHRLOCHTÜLLE
MULTI-HOLE GROMMET





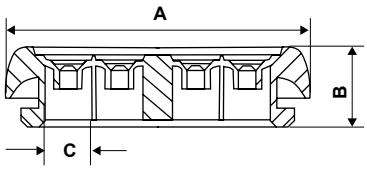
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Stärke *Thickness*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18730PS117035	52,2	13,0	Ø40.5	1,0 - 4,0	2 x 1 - 5,3 2 x 1 - 9,5 2 x 1 - 11,3 10 x 1 - 6,3	300
18731PS117035	52,2	13,0	Ø40.5	1,0 - 4,0	1 x 1 - 4 16 x 1 - 7,2	300
18732PS117035	62,2	13,0	Ø50.5	1,0 - 4,0	4 x 1 - 18,0 5 x 1 - 7,0	200
18733PS117035	62,2	13,0	Ø50.5	1,0 - 4,0	1 x 1 - 22,5 3 x 1 - 11,2 7 x 1 - 7,2	200
18734PS117035	62,2	13,0	Ø50.5	1,0 - 4,0	2 x 1 - 11,2 10 x 1 - 9,2	200
18735PS117035	62,2	13,0	Ø50.5	1,0 - 4,0	3 x 1 - 9,5 4 x 1 - 5,3 4 x 1 - 11,3 5 x 1 - 6,3	200
18736PS117035	62,2	13,0	Ø50.5	1,0 - 4,0	2 x 1 - 4,0 2 x 1 - 6,0 4 x 1 - 7,2 5 x 1 - 9.4 5 x 1 - 12,0	200
18737PS117035	62,2	13,0	Ø50.5	1,0 - 4,0	4 x 1 - 9,5 16 x 1 - 6,5	200
18738PS117035	62,2	13,0	Ø50.5	1,0 - 4,0	35 x 1 - 5,2	200

MEHRFACH-KABELDURCHFÜHRUNG IP65
MULTI HOLE GROMMETS IP65

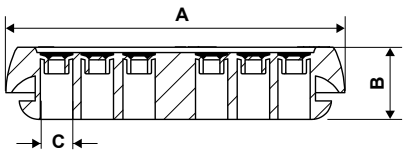
TYPE 1





TYPE 2



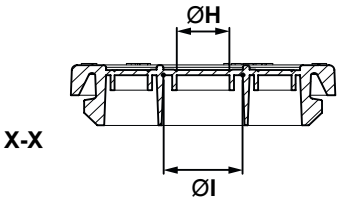


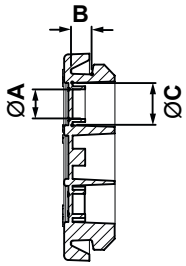
- **Material: TPE** / *Material: TPE*
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Auf Anfrage auch in der Farbe Schwarz erhältlich** / *Colour Black available by Special Request*
- **Temperaturbereich** / *Working temperature* **-30°C ~ +100° C**
- **Schutzart = IP65** / *Protecion grade = IP65*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Auf Anfrage in TPE UL94-VO erhältlich** / *on special request available also in TPE UL94-V0*

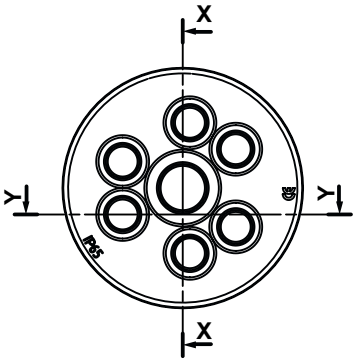
ARTIKEL *P/N*	TYPE	A	B	C	Kabel Durchmesser Ø *Cables diameter Ø*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Mog-Pcs*
22009PF117035	1	Ø 42,0	11,1	Ø 6,5	14 x 3,0 - 6,5	Ø 32,0	1,5 - 5,0	500
22010PF117035	2	Ø 60,8	12,9	Ø 5,5	36 x 3,0 - 5,5	Ø 50,0	1,5 - 5,0	500

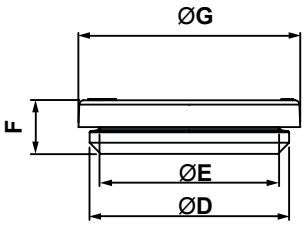
MEHRFACH KABELDURCHFÜHRUNG IP65
MULTI HOLE GROMMETS IP65









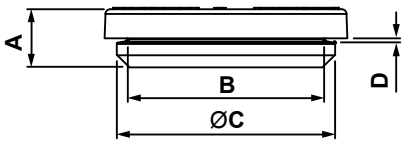


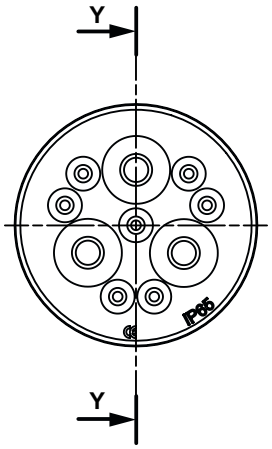
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich**/ *Working temperature:* **-40°C ~+100°C**
- **Schutzart = IP65** / *Protection grade: IP65*
- **Farbe: Grau RAL 7035** / *Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Auf Anfrage in TPE UL94-VO erhältlich** / *on special request available also in TPE UL94-V0*

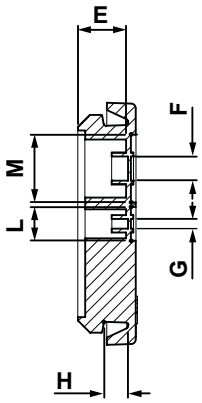
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
15995PF117035	7,0	5,0	10,0	45,0	40,5	12,0	50,0	10,0	15,0	Ø 40,5	1,5 - 5,0	150

MEHRFACH KABELDURCHFÜHRUNG IP65
MULTI HOLE GROMMETS IP65









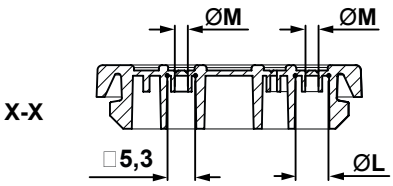
Y-Y

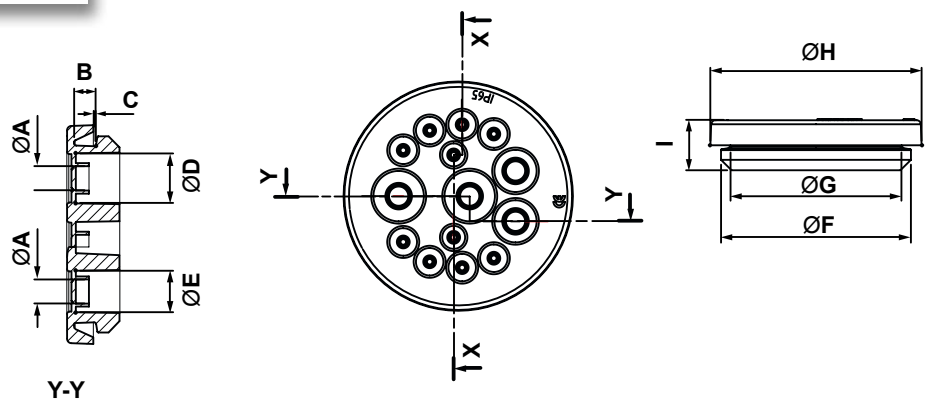
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~+100°C**
- **Entflammbarkeit** / *UL Flammability*: **HB (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: gray RAL 7035*
- **Schutzart = IP65** / *Protection grade: IP65*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Auf Anfrage in TPE UL94-VO erhältlich** / *on special request available also in TPE UL94-V0*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	L	M	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
15996PF117035	12,0	40,5	45,0	1,0	10,0	5,0	2,0	5,0	7,0	14,0	Ø 40,5	1,5 - 5,0	150

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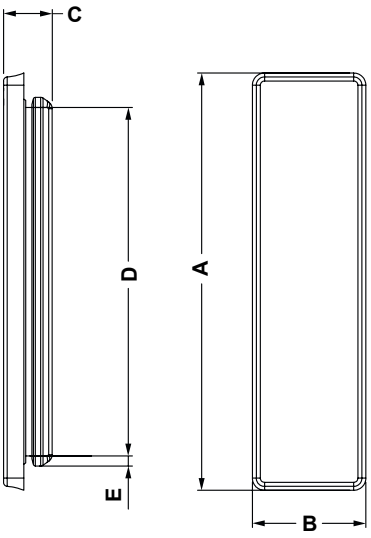
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich**/ *Working temperature:* **-40°C ~+100°C**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Schutzart = IP65** / *Protection grade: IP65*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Auf Anfrage in TPE UL94-VO erhältlich** / *on special request available also in TPE UL94-V0*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	L	M	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
15997PF117035	5,5	5,0	0,6	11,3	9,5	45,0	40,5	50,0	12,0	6,3	2,5	Ø 40,5	1,5 - 5,0	150

RECHTECKIGE KABELDURCHFÜHRUNGSPLATTE
RECTANGULAR CABLE ENTRY PLATE

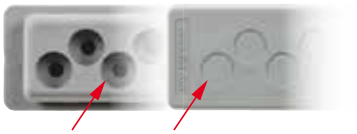






UV ISO 4892-2A | RoHS COMPLIANT | cULus | ECOLAB | IP66 | IP65 | NEMA 4X | NEMA 12

new PRODUCT | HALOGEN FREE | SILICONE FREE



DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +105° C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

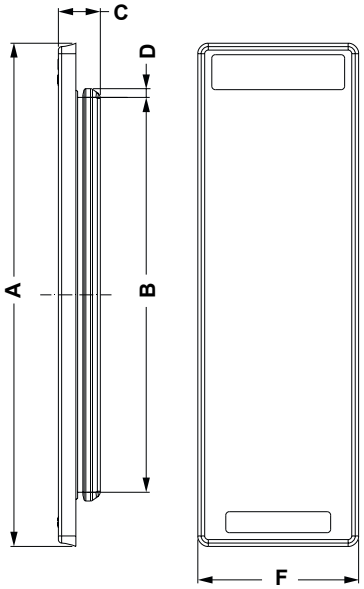
ARTIKEL *P/N* **Grau** / *Gray*	**ARTIKEL** *P/N* **Schwarz** / *Black*	**A**	**B**	**C**	**D**	**E**	**Ø Bohrung** *Ø Hole*	**Ø Kabel** *Ø Cable*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
16209PS11	**16223PS01**	64,0	28,0	12,0	47,0	2,5	46,0x18,0	2 x Ø6,5 5 x Ø8,3	1,5 - 2,5	10
16210PS11	**16224PS01**	64,0	28,0	12,0	47,0	2,5	46,0x18,0	1 x Ø12,1 8 x Ø6,5	1,5 - 2,5	10
19048PS11	**19049PS01**	87,0	20,0	12,0	70,0	1,5	69,0x10,0	8xØ7,5	1,5 - 2,5	10
16211PS11	**16225PS01**	103,0	28,0	12,0	86,0	2,5	85,0x16,0	9 x Ø8,3 2 x Ø6,5	1,5 - 2,5	10
16212PS11	**16226PS01**	103,0	28,0	12,0	86,0	2,5	85,0x16,0	1 x Ø12,1 16 x Ø6,5	1,5 - 2,5	10
16213PS11	**16227PS01**	130,0	28,0	12,0	113,0	2,5	112,0x18,0	1 x Ø12,1 4 x Ø8,3 16 x Ø6,5	1,5 - 2,5	10

RECHTECKIGE KABELDURCHFÜHRUNGSPLATTE
RECTANGULAR CABLE ENTRY PLATE

fastpoint







UV ISO 4892-2A

RoHS COMPLIANT

c UL us

ECOLAB

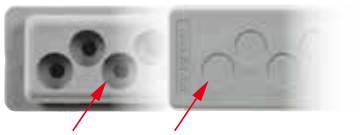
IP66

IP65

NEMA 12

HALOGEN FREE

SILICONE FREE



DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

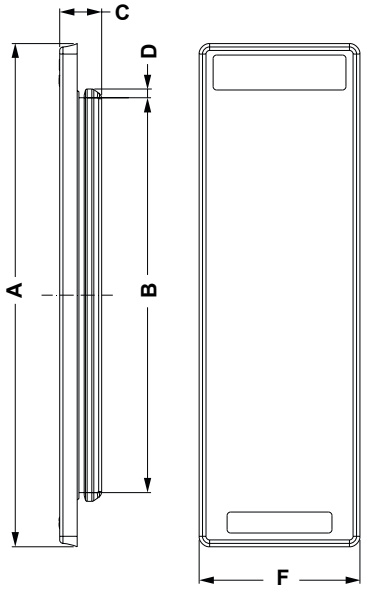
ARTIKEL *P/N*	A	B	C	D	F	Ø Bohrung *Ø Hole*	Ø Kabel *Ø Cable*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
16214PS01	144,0	113,0	12,0	2,5	46,0	112,0x36,0	12 x Ø 15,0	1,5 - 2,5	10
16215PS01	144,0	113,0	12,0	2,5	46,0	112,0x36,0	14 x Ø 12,1	1,5 - 2,5	10
16216PS01	144,0	113,0	12,0	2,5	46,0	112,0x36,0	12 x Ø 12,6 5 x Ø 10,5	1,5 - 2,5	10
16217PS01	144,0	113,0	12,0	2,5	46,0	112,0x36,0	4 x Ø 6,5 4 x Ø 16,1 5 x Ø 10,5 5 x Ø 12,6	1,5 - 2,5	10
16218PS01	144,0	113,0	12,0	2,5	46,0	112,0x36,0	13 x Ø 6,5 7 x Ø 12,1	1,5 - 2,5	10
16219PS01	144,0	113,0	12,0	2,5	46,0	112,0x36,0	2 X ASI 4 x Ø 16,1 4 x Ø 12,1 16 x Ø 6,5	1,5 - 2,5	10
16220PS01	144,0	113,0	12,0	2,5	46,0	112,0x36,0	12 x Ø 5,0 1 x Ø 4,7 17 x Ø6,4 12 x Ø7,2	1,5 - 2,5	10
16221PS01	144,0	113,0	12,0	2,5	46,0	112,0x36,0	48 x Ø6,5	1,5 - 2,5	10
16222PS01	144,0	113,0	12,0	2,5	46,0	112,0x36,0	33 x Ø5,3 9 x Ø6,4 8 x Ø8,3	1,5 - 2,5	10

RECHTECKIGE KABELDURCHFÜHRUNGSPLATTE
RECTANGULAR CABLE ENTRY PLATE

fastpoint







UV ISO 4892-2A

RoHS COMPLIANT

c UL us

ECOLAB

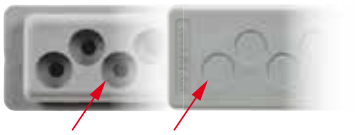
IP66

IP65

NEMA 12

HALOGEN FREE

SILICONE FREE



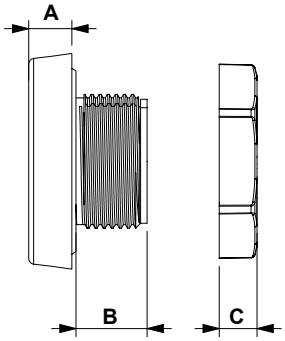
DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

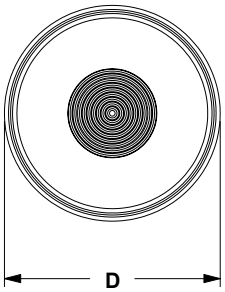
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105° C**
- **Farbe: Grau** / *Colour: Gray*
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	F	Ø Bohrung *Ø Hole*	Ø Kabel *Ø Cable*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
16200PS11	144,0	113,0	12,0	2,5	46,0	112,0x36,0	12 x Ø 15,0	1,5 - 2,5	10
16201PS11	144,0	113,0	12,0	2,5	46,0	112,0x36,0	14 x Ø 12,1	1,5 - 2,5	10
16202PS11	144,0	113,0	12,0	2,5	46,0	112,0x36,0	12 x Ø 12,6 5 x Ø 10,5	1,5 - 2,5	10
16203PS11	144,0	113,0	12,0	2,5	46,0	112,0x36,0	4 x Ø 6,5 4 x Ø 16,1 5 x Ø 10,5 5 x Ø 12,6	1,5 - 2,5	10
16204PS11	144,0	113,0	12,0	2,5	46,0	112,0x36,0	13 x Ø 6,5 7 x Ø 12,1	1,5 - 2,5	10
16205PS11	144,0	113,0	12,0	2,5	46,0	112,0x36,0	2 X ASI 4 x Ø 16,1 4 x Ø 12,1 16 x Ø 6,5	1,5 - 2,5	10
16206PS11	144,0	113,0	12,0	2,5	46,0	112,0x36,0	12 x Ø 5,0 1 x Ø 4,7 17 x Ø6,4 12 x Ø7,2	1,5 - 2,5	10
16207PS11	144,0	113,0	12,0	2,5	46,0	112,0x36,0	48 x Ø6,5	1,5 - 2,5	10
16208PS11	144,0	113,0	12,0	2,5	46,0	112,0x36,0	33 x Ø5,3 9 x Ø6,4 8 x Ø8,3	1,5 - 2,5	10

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DOPPELMEMBRAN TECHNOLOGIE-
DOUBLE MEMBRANE

- **Material: PA / TPE** / *Material: PA / TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

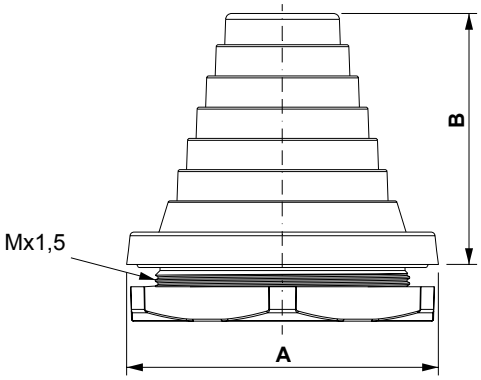
ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	Gewinde *Size*	A	B	C	D	Bohrung *Hole*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
11511PS11	**11511PS01**	M20	8,0	13,2	7,0	36,0	Ø 20,5	1 x max. 10,5	10
11512PS11	**11512PS01**	M25	8,0	13,2	7,0	40,0	Ø 25,5	1 x max. Ø16,0	10
11513PS11	**11513PS01**	M32	8,0	13,2	7,0	46,0	Ø 32,5	1 x max. Ø22,0	10
					ATEX				
19084PS11	**19087PS01**	M20	8,0	13,2	7,0	36,0	Ø 20,5	1 x max. 10,5	1
19085PS11	**19088PS01**	M25	8,0	13,2	7,0	40,0	Ø 25,5	1 x max. Ø16,0	1
19086PS11	**19089PS01**	M32	8,0	13,2	7,0	46,0	Ø 32,5	1 x max. Ø22,0	1

STUFEN KABELDURCHFÜHRUNG MIT GEGENMUTTER
STEPS CABLE GROMMET WITH LOCKNUT

fastpoint







new PRODUCT

HALOGEN FREE

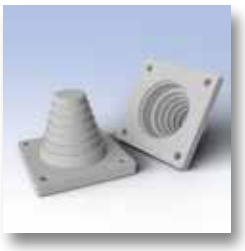
SILICONE FREE

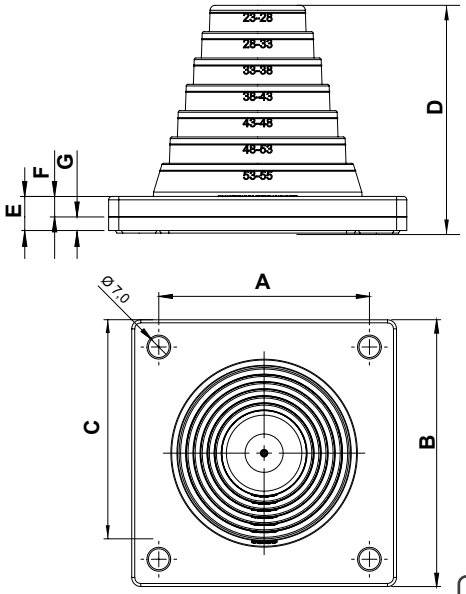
HL3 EN 45545-2 | UV ISO 4892-2A | RoHS COMPLIANT | cULus | LR APPROVED | ECOLAB | IP66 | UL TYPE 12 | NEMA 12,4X

- **Material: PA/TPE** / *Material: PA/TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* **Grau** / *Gray*	**ARTIKEL** *P/N* **Schwarz** / *Black*	**Gewinde** *Size*	**A**	**B**	**C**	**Ø Kabel** *Ø Cable*	**VPE-Stckz.** *Moq-Pcs*
19027PS11	**19030PS01**	**M25x1,5**	39,0	46,5	14,0	1 x Ø 2,5- 17,0	10
19028PS11	**19031PS01**	**M32x1,5**	46,0	55,2	13,0	1 x Ø 5,0 - 23,0	10
18335PS11	**19032PS01**	**M40x1,5**	54,0	62,0	14,0	1 x Ø 8,0 - 29,0	10
16303PS11	**16305PS01**	**M50x1,5**	64,0	50,0	8,5	1 x Ø 17,0 - 42,0	10
16304PS11	**16306PS01**	**M63x1,5**	77,0	62,0	8,5	1 x Ø 23,0 - 55,0	10
19029PS11	**19033PS01**	**M75x1,5**	89,0	64,0	14,0	1 x Ø 38,0 - 64,0	10
				ATEX Ex			
19124PS11	**19129PS01**	**M25x1,5**	39,0	46,5	14,0	1 x Ø 2,5- 17,0	1
19125PS11	**19130PS01**	**M32x1,5**	46,0	55,2	13,0	1 x Ø 5,0 - 23,0	1
19126PS11	**19131PS01**	**M40x1,5**	54,0	62,0	14,0	1 x Ø 8,0 - 29,0	1
19127PS11	**19132PS01**	**M50x1,5**	64,0	50,0	8,5	1 x Ø 17,0 - 42,0	1
19128PS11	**19133PS01**	**M63x1,5**	77,0	62,0	8,5	1 x Ø 23,0 - 55,0	1

STUFEN KABELDURCHFÜHRUNG MIT FLANSCH
STEPS CABLE GROMMET WITH FLANK





- **Material: PA/TPE** / *Material: PA/TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*

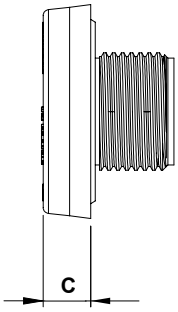
ARTIKEL *P/N*	A	B	C	D	E	F	G	Bohrung *Hole*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
19034PS11	70,0	88,0	70,0	66,0	10,0	6,0	4,0	Ø 58,5	Ø23,0 - 55,0	10
19035PS11	70,0	88,0	70,0	66,0	10,0	6,0	4,0	Ø 58,5	Ø38,0 - 68,0	10

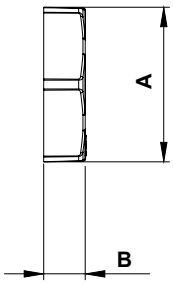
MEHRFACH KABELDURCHFÜHRUNG MIT GEGENMUTTER
MULTI HOLE CABLE GROMMETS WITH LOCKNUT

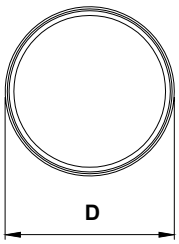
fastpoint













DOPPELMEMBRAN TECHNOLOGIE-
DOUBLE MEMBRANE

new PRODUCT

HALOGEN FREE

SILICONE FREE

ECOLAB | HL3 EN 45545-2 | UV ISO 4892-2A | RoHS COMPLIANT | cULus | APPROVED | IP68 | IP66 | UL TYPE 12 | NEMA 12,4X

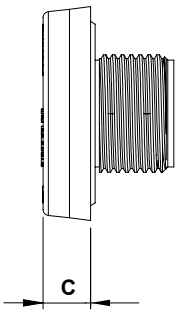
- **Material: PA/TPE** / *Material: PA/TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

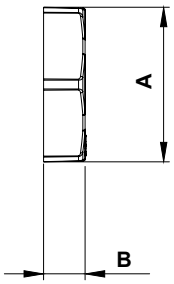
ARTIKEL *P/N* **Grau** / *Gray*	**ARTIKEL** *P/N* **Schwarz** / *Black*	**A**	**B**	**C**	**D**	**Gewinde** *Size*	**Bohrung** *Hole*	**Ø Kabel** *Ø Cable*	**VPE-Stckz.** *Moq-Pcs*
19011PS11	**19015PS01**	26,0	7,0	8,0	36,0	M20 x1,5	Ø 20,5	2x Ø 2,0 - 5,5	10
19012PS11	**19016PS01**	26,0	7,0	8,0	36,0	M20 x1,5	Ø 20,5	3x Ø 2,0 - 5,0	10
19013PS11	**19017PS01**	26,0	7,0	8,0	36,0	M20 x1,5	Ø 20,5	4 x Ø 2,0 - 4,5	10
18926PS11	**18926PS01**	32,0	7,0	8,0	41,0	M25 x1,5	Ø 25,5	6 x Ø2,2 - 5,0	10
16278PS11	**16290PS01**	41,0	7,0	8,0	46,0	M32 x1,5	Ø 32,5	1 x Ø5,5 - 12,5 3 x Ø2,6 - 6,5	10
16279PS11	**16291PS01**	41,0	7,0	8,0	46,0	M32 x1,5	Ø 32,5	4 x Ø3,5 - 8,8	10
16280PS11	**16292PS01**	41,0	7,0	8,0	46,0	M32 x1,5	Ø 32,5	7 x Ø2,6 - 6,5	10
16281PS11	**16293PS01**	49,0	7,0	8,0	54,0	M40 x1,5	Ø 40,5	4 x Ø4,0 - 10,2 4 x Ø2,6 - 6,5	10
19020PS11	**19021PS01**	49,0	7,0	8,0	54,0	M40 x1,5	Ø 40,5	12xØ 2,0 - 6,0	10
16282PS11	**16294PS01**	60,0	8,5	8,0	64,0	M50 x1,5	Ø 50,5	3 x Ø6,8 - 12,5 5 x Ø4,6 - 10,2	10

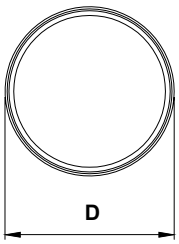
MEHRFACH KABELDURCHFÜHRUNG MIT GEGENMUTTER
MULTI HOLE CABLE GROMMETS WITH LOCKNUT













DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

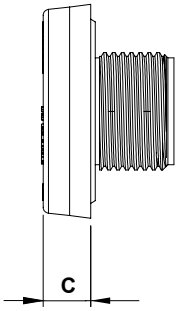
- **Material: PA/TPE** / *Material: PA/TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +105° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

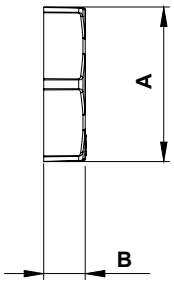
ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	Gewinde *Size*	Bohrung *Hole*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
16283PS11	**16295PS01**	60,0	8,5	8,0	64,0	M50 x1,5	Ø 50,5	1 x Ø14,5 - 22,0 2 x Ø4,6 - 10,2 7 x Ø2,8 - 6,5	10
16284PS11	**16296PS01**	60,0	8,5	8,0	64,0	M50 x1,5	Ø 50,5	4 x Ø2,8 - 6,5 8 x Ø4,6 - 10,2	10
16285PS11	**16297PS01**	60,0	8,5	8,0	64,0	M50 x1,5	Ø 50,5	19 x Ø2,8 - 6,5	10
19022PS11	**19023PS01**	75,0	8,5	8,0	77,0	M63 x1,5	Ø 63,5	3 x Ø4,6 - 10,2 3 x Ø10,9 - 20,0	10
16286PS11	**16298PS01**	75,0	8,5	8,0	77,0	M63 x1,5	Ø 63,5	1 x Ø2,6 - 6,0 1 x Ø10,9 - 20,0 3 x Ø4,6 - 10,2 4 x Ø8,6 - 16,2	10
16287PS11	**16299PS01**	75,0	8,5	8,0	77,0	M63 x1,5	Ø 63,5	4 x Ø4,6 - 10,2 4 x Ø2,8 - 6,0 5 x Ø9,5 - 16,2	10
16288PS11	**16300PS01**	75,0	8,5	8,0	77,0	M63 x1,5	Ø 63,5	14 x Ø5,0 - 10,0	10
16289PS11	**16301PS01**	75,0	8,5	8,0	77,0	M63 x1,5	Ø 63,5	35 x Ø2,6 - 5,5	10

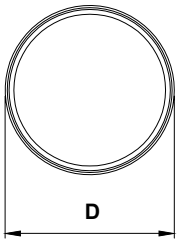
ATEX-MULTIHOLE KABELDURCHFÜHRUNG MIT GEGENMUTTER
ATEX GROMMETS PLATES WITH LOCKNUT













DOPPELMEMBRAN TECHNOLOGIE-
DOUBLE MEMBRANE

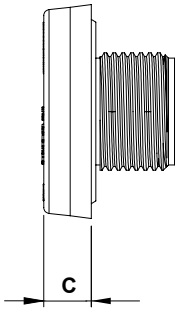
- **Material: PA/TPE** / *Material: PA /TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

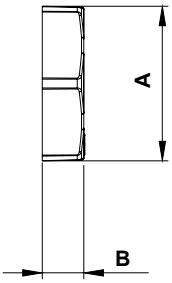
ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	Gewinde *Size*	Bohrung *Hole*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
19090PS11	**19094PS01**	32,0	7,0	8,0	41,0	M25 x1,5	Ø 25,5	6 x Ø2,2 - 5,0	1
19091PS11	**19096PS01**	41,0	7,0	8,0	46,0	M32 x1,5	Ø 32,5	1 x Ø5,5 - 12,5 3 x Ø2,6 - 6,5	1
19092PS11	**19097PS01**	41,0	7,0	8,0	46,0	M32 x1,5	Ø 32,5	4 x Ø3,5 - 8,8	1
19093PS11	**19098PS01**	41,0	7,0	8,0	46,0	M32 x1,5	Ø 32,5	7 x Ø2,6 - 6,5	1
19095PS11	**19100PS01**	49,0	7,0	8,0	54,0	M40 x1,5	Ø 40,5	4 x Ø4,0 - 10,2 4 x Ø2,6 - 6,5	1
19099PS11	**19104PS01**	60,0	8,5	8,0	64,0	M50 x1,5	Ø 50,5	3 x Ø6,8 - 12,5 5 x Ø4,6 - 10,2	1
19101PS11	**19105PS01**	60,0	8,5	8,0	64,0	M50 x1,5	Ø 50,5	1 x Ø14,5 - 22,0 2 x Ø4,6 - 10,2 7 x Ø2,8 - 6,5	1
19102PS11	**19106PS01**	60,0	8,5	8,0	64,0	M50 x1,5	Ø 50,5	4 x Ø2,8 - 6,5 8 x Ø4,6 - 10,2	1

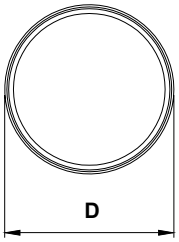
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DOPPELMEMBRAN TECHNOLOGIE-
DOUBLE MEMBRANE

- **Material: PA/TPE** / *Material: PA/TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	Gewinde *Size*	Bohrung *Hole*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
19103PS11	**19107PS01**	60,0	8,5	8,0	64,0	M50 x1,5	Ø 50,5	19 x Ø2,8 - 6,5	1
19108PS11	**19113PS01**	75,0	8,5	8,0	77,0	M63 x1,5	Ø 63,5	3 x Ø4,6 - 10,2 3 x Ø10,9 - 20,0	1
19109PS11	**19114PS01**	75,0	8,5	8,0	77,0	M63 x1,5	Ø 63,5	1 x Ø2,6 - 6,0 1 x Ø10,9 - 20,0 3 x Ø4,6 - 10,2 4 x Ø8,6 - 16,2	1
19110PS11	**19115PS01**	75,0	8,5	8,0	77,0	M63 x1,5	Ø 63,5	4 x Ø4,6 - 10,2 4 x Ø2,8 - 6,0 5 x Ø9,5 - 16,2	1
19111PS11	**19116PS01**	75,0	8,5	8,0	77,0	M63 x1,5	Ø 63,5	14 x Ø5,0 - 10,0	1
19112PS11	**19117PS01**	75,0	8,5	8,0	77,0	M63 x1,5	Ø 63,5	35 x Ø2,6 - 5,5	1





Modulare Flanschdurchfürungen sind ein innovatives Kabeldurchführungssystem, das auf austauschbaren Einsätzen basiert, die schnell in unterschiedlichen Abmessungen in verfügbare Rahmen montiert werden flexibel können. Das System ist außerordentlich flexibe , vielseitig und erlaubt aufgrund der Anzahl, der Abmessungen und der Anordnung der Bohrungen eine flexible Konfiguration des modularen Systems. Es ist daher nicht mehr notwendig, Universalflansche mit einer vorgegebenen Anzahl von Bohrungen zu verwenden, sondern es steht ein auf die eigenen Bedürfnisse abstimmbares System mit Rahmen und Einsätzen zur Verfügung.
Die Einsätze zeichnen sich durch eine Membran aus, die leicht mit dem Kabel durchbohrt werden kann und gewährleistet dabei die Schutzklasse IP65.

The Modular Gland Plate is an innovative modular system where inserts can be changed depending on your needs. You can design you own configuration based on how many openings you want, where you want them placed, and what type of seal you want to have. You are no longer forced to use a fixed flange with a certain number of pre-determined openings. You choose the configuration that suits your needs.
The push-out membranes ensures fast and easy installation without worries about achieving the correct IP-level. Should you want cable anchorage on certain cables then just install a protection grommet or a cable gland in the flange. If a cable no longer will be used you can seal the opening either by replacing the insert or cutting out the membrane and sealing the opening with one of our grommets.

EIGENSCHAFTEN UND VORTEILE DES SYSTEMS
PRODUCT ADVANTAGES OF THE SYSTEM

Jederzeit austausch und auswechselbare Einsätze
Interchangeable inserts

Kompaktes Design und geringe Abmessungen
Compact design

Schutzart IP65 mit oder ohne Kabel
IP65, with o without cables

Offenes und flexibles System für die Anbringung der Bohrungen
“Free placement” of openings



Umfangreiche Möglichkeiten für eine flexible Lösung
Design your own solution

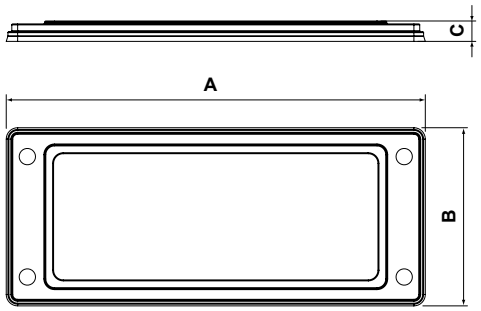
Die Membran kann ohne Werkzeug angepasst und durchbohrt werden
Push-out membranes

TYPE 1 FL21



TYPE 2 FL13





- **Material: Glasfaserverstärktes Polypropylen und Halogenfreies TPE /** *Material: Fiberglass re-inforced Polypropylene and TPE Halogen free*
- **Schutzklasse: IP65** / *Mode of protection: IP65*
- **Temperaturbereich /** *Working temperature:* **-20°C ~ +125° C**
- **Farbe: Grau RAL 7035 und Schwarz RAL 9005** / *Colour: Gray RAL 7035 and Black RAL 9005*
- **Test Standard: EN 60529:1991+A1, EN 60670-1:2005** / *Test standard: EN 60529:1991+A1, en 60670-1:2005*
- **Konform mit SEMKO – Norm:** / *SEMKO conformity*

ARTIKEL *P/N* *RAL 7035*	**ARTIKEL** *P/N* RAL 9005	**TYPE**	**Bohrschablone** *Aperature*	A	B	C	**VPE-Stckz.** *Moq-Pcs*
9050FA117035	**9050FA019005**	1	FL 21	214,0	90,0	9,0	10
12056FA117035	**12056FA019005**	2	FL 13	134,0	52,0	6,5	10

MODULFLANSCHE IP 65 - EINSÄTZE
MODULAR GLAND PLATES IP 65 - INSERTS

FL21 - EINSÄTZE / *FRAME*



FL13 - EINSÄTZE / *FRAME*



TYPE A



TYPE B



TYPE C



TYPE D



TYPE F



TYPE G



TYPE H



TYPE I



TYPE J



TYPE K



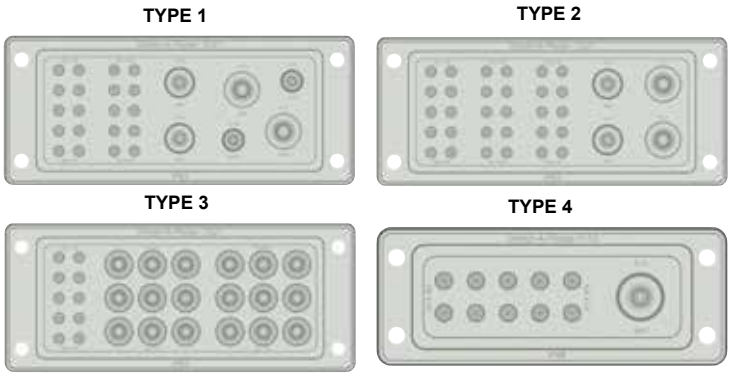
TYPE L

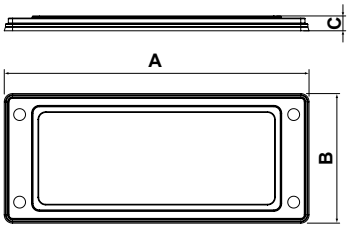


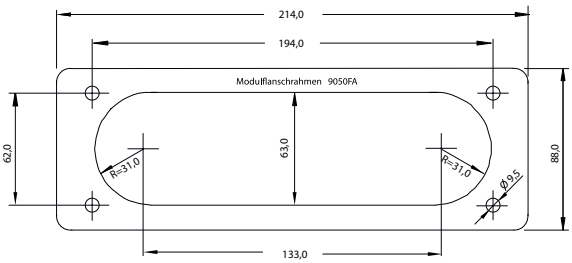
- **Material: Material: Glasfaserverstärktes Polypropylen und Halogenfreies TPE /** *Material: Fiberglass re-inforced Polypropylene and TPE Halogen free*
- **Schutzklasse: IP65** / *Mode of protection: IP65*
- **Temperaturbereich: -20°C ~ +125° C /** *Working temperature:* **-20°C ~ +125° C**
- **Farbe: Grau RAL 7035 und Schwarz RAL 9005** / *Colour: Gray RAL 7035 and Black RAL 9005*
- **Test Standard: EN 60529:1991+A1, EN 60670-1:2005** / *Test standard: EN 60529:1991+A1, en 60670-1:2005*
- **Konform mit SEMKO – Norm:** / *SEMKO conformity*
- **Standard VPE: 10 Stück** / *Standard pack size 10 pcs*

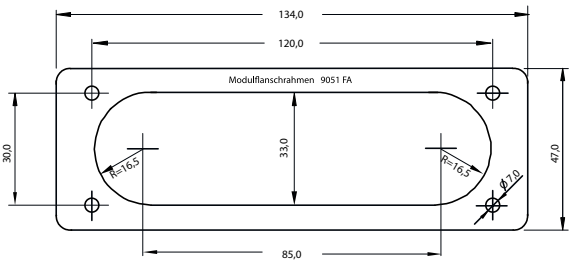
ARTIKEL *P/N* RAL 7035	**ARTIKEL** *P/N* RAL 9005	**EINSÄTZE** *FRAME*	**EINSATZ** *INSERT*	**ANZ. BOHRUNGEN / Ø Kabel** *NO. HOLES / Ø CABLE*	**ABM. EINSATZ** *INSERT SIZE*
9060FA117035	**9060FA019005**	FL 21	A	2 x 8-17, 2 x 5-10	68 X 68
9061FA117035	**9061FA019005**	FL 21	B	1 x (M32, M40, M50)	68 X 68
9062FA117035	**9062FA019005**	FL 21	C	9 x 7-14	68 X 68
9063FA117035	**9063FA019005**	FL 21	D	2 x 20-30 + 2 x10-20	68 X 68
9065FA117035	**9065FA019005**	FL 21	F	2 x 8-17	68 X 34
9066FA117035	**9066FA019005**	FL 21	G	2 x 6-13	68 X 34
9067FA117035	**9067FA019005**	FL 21	H	10 x 4-10	68 X 34
9068FA117035	**9068FA019005**	FL 13	I	2 x 8-17	34 X 68
9069FA117035	**9069FA019005**	FL 13	J	2 x 6-13	34 X 68
9070FA117035	**9070FA019005**	FL 13	K	10 x 4-10	34 X 68
9071FA117035	**9071FA019005**	FL 13	L	1 x 6-13	34 X 34

VORKONFIGURIERTE MODULFLANSCHE IP 65
PRECONFIGURED MODULAR GLAND PLATES IP 65







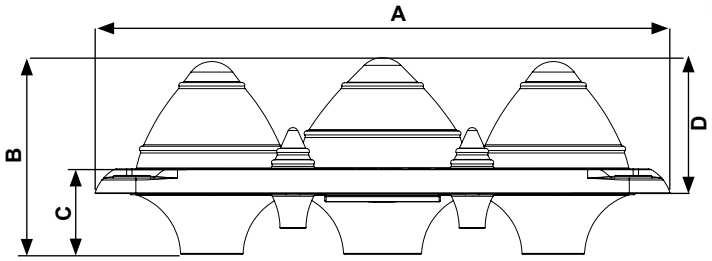


- **Material: Glasfaserverstärktes Polypropylen und Halogenfreies TPE /** *Material: Fiberglass re-inforced Polypropylene and TPE Halogen free*
- **Schutzklasse: IP65** / *Mode of protection: IP65*
- **Temperaturbereich: -20°C ~ +125° C /** *Working temperature:* **-20°C ~ +120° C**
- **Farbe: Grau RAL 7035 und Schwarz RAL 9005** / *Colour: Gray RAL 7035 and Black RAL 9005*
- **Test Standard: EN 60529:1991+A1, EN 60670-1:2005** / *Test standard: EN 60529:1991+A1, en 60670-1:2005*
- **Konform mit SEMKO – Norm:** / *SEMKO conformity*
- **Standard VPE: 10 Stück** / *Standard pack size 10 pcs*

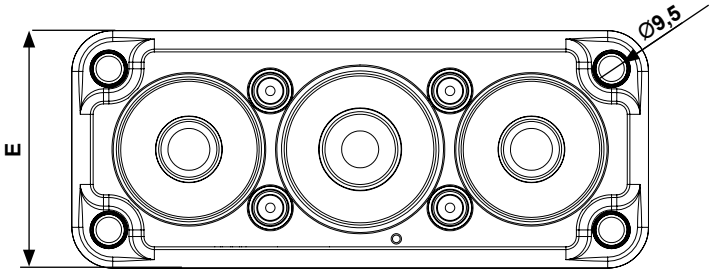
ARTIKEL *P/N* RAL 7035	**ARTIKEL** *P/N RAL 9005*	**TYPE**	**Bohrschablone** *Aperature*	**ANZ. BOHRUNGEN Ø KABEL** *NO. HOLES / Ø CABLE*	A	B	C	D
9080FA117035	**9080FA019005**	1	FL 21	2 x 5-10 2 x 8-17 2 x 6-13 20 x 4-10	8,0	214,0	90,0	9,0
9081FA117035	**9081FA019005**	2	FL 21	2 x 6-13 2 x 8-17 30 x 4-10	8,0	214,0	90,0	9,0
9072FA117035	**9072FA019005**	3	FL 21	18 x 7-14 10 x 4-10	8,0	214,0	90,0	9,0
9073FA117035	**9073FA019005**	4	FL 13	1 x 6-13 10 x 4-10	9,0	134,0	52	6,5

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE ENTRY PLATES







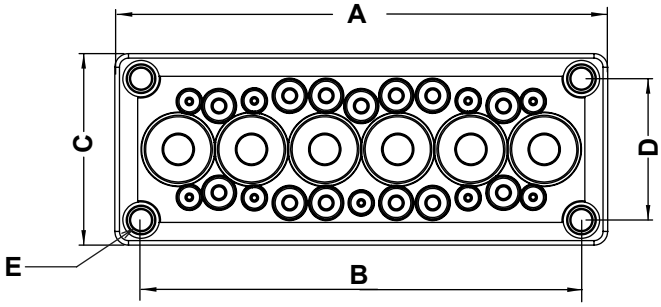


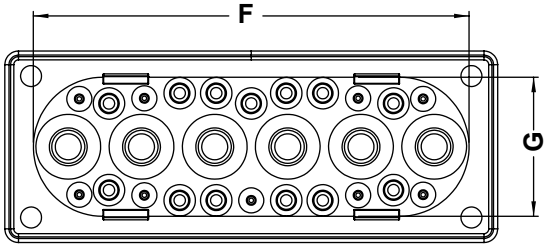
- **Material: TPE /** *Material: TPE*
- **Temperaturbereich /** *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / *see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**FARBE/** *Colour*	**A**	**B**	**C**	**D**	**E**	**Durchbruch** *Cut out*	**Ø Kabel** *Ø Cable*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
18683PS117035	**Grau** / *Gray*	222,0	76,33	33,0	53,0	92,0	196,0x63,0	4xØ10,0-14,0 2xØ24,0-54,0 1xØ30,0-25,0	V0 (UL94)	60
18683PS019005	**Schwarz**/ *Black*	222,0	76,33	33,0	53,0	92,0	196,0x63,0	4xØ10,0-14,0 2xØ24,0-54,0 1xØ30,0-25,0	V0 (UL94)	60
18800PS117035	**Grau** / *Gray*	222,0	76,33	33,0	53,0	92,0	196,0x63,0	2xØ24,0-54,0 1xØ30,0-60,0 4xØ10,0-14,0	HB (UL94)	60

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- **Material: TPE - SEBS SHORE A50 /** *Material: TPE - SEBS SHORE A50*
- **Schutzklasse: IP65** / *Protection grade: IP65*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** */ All dimensions are in mm*

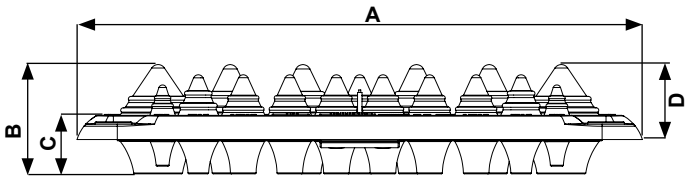
- **Anzahl & Ø der Kabel /** *No.holes / ø cable:*
  18 x Ø 6,0 - 13,0
  6 x Ø 13,0 - 28,0
  4 x Ø 3,0 - 11,0

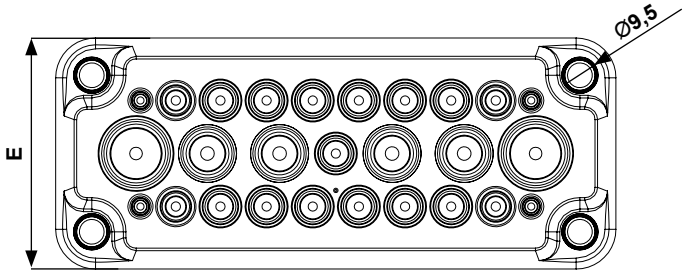
ARTIKEL *P/N*	A	B	C	D	E	F	G	**VPE-Stckz.** *Moq-Pcs*
12100PF117035	216,0	193,0	84,0	62,0	Ø 9,2	191,0	61,0	100

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES









- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / *see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

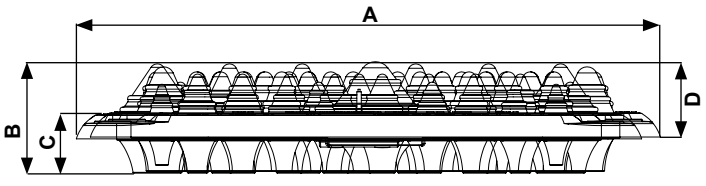
ARTIKEL *P/N*	Farbe/ *Colour*	A	B	C	D	E	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18684PS117035	**Grau** / *Gray*	222,0	43,0	23,0	30,0	92,0	196,0x63,0	4xØ5,0-7,0 4xØ8,0-12,0 13xØ10,0-14,0 4x14,0-20,0 2x20,0-26,0	V0 (UL94)	60
18684PS019005	**Schwarz**/ *Black*	222,0	43,0	23,0	30,0	92,0	196,0x63,0	4xØ5,0-7,0 4xØ8,0-12,0 13xØ10,0-14,0 4x14,0-20,0 2x20,0-26,0	V0 (UL94)	60
18801PS117035	**Grau** / *Gray*	222,0	43,0	23,0	30,0	92,0	196,0x63,0	4xØ5,0-7,0 4xØ8,0-12,0 13xØ10,0-14,0 4x14,0-20,0 2x20,0-26,0	HB (UL94)	60

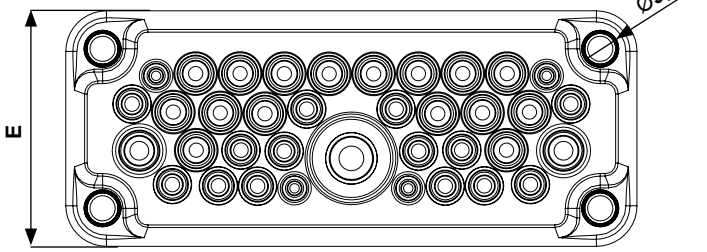
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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES









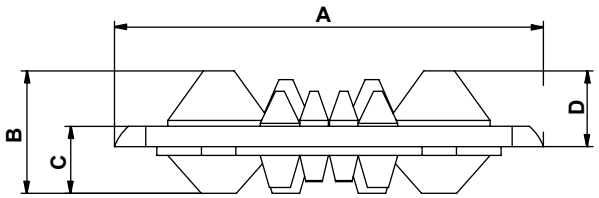
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / *see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

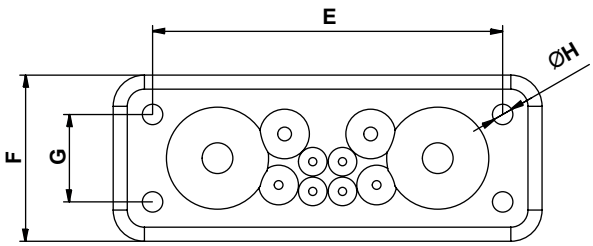
ARTIKEL *P/N*	Farbe/ *Colour*	A	B	C	D	E	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18685PS117035	**Grau** / *Gray*	222,0	43,0	23,0	30,0	92,0	196,0x63,0	4xØ6,0-10,0 14xØ8,0-12,0 16xØ10,0-14,0 2x12,0-18,0 1x17,0-32,0	V0 (UL94)	60
18685PS019005	**Schwarz/** *Black*	222,0	43,0	23,0	30,0	92,0	196,0x63,0	4xØ6,0-10,0 14xØ8,0-12,0 16xØ10,0-14,0 2x12,0-18,0 1x17,0-32,0	V0 (UL94)	60
18802PS117035	**Grau** / *Gray*	222,0	43,0	23,0	30,0	92,0	196,0x63,0	4xØ6,0-10,0 14xØ8,0-12,0 16xØ10,0-14,0 2x12,0-18,0 1x17,0-32,0	HB (UL94)	60

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES







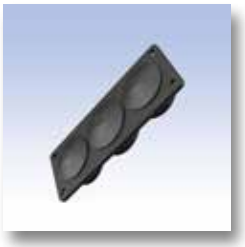


- **Material: TPE /** *Material: TPE*
- **Temperaturbereich /** *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm /** *All dimensions are in mm*

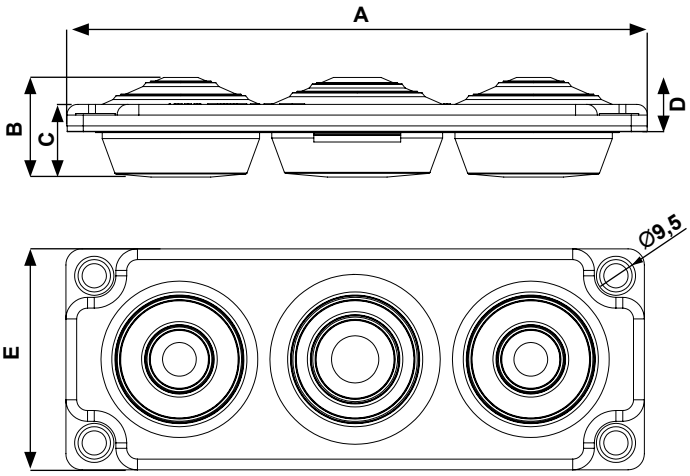
ARTIKEL *P/N*	A	B	C	D	E	F	G	ØH	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18686PS117035	147,0	42,0	23,0	26,0	120,0	57,0	30,0	7,0	196,0x63,0	4xØ5,0-7,0 3xØ7,0-10,0 2xØ10,0-14,0 2x15,0-30,0	200

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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES







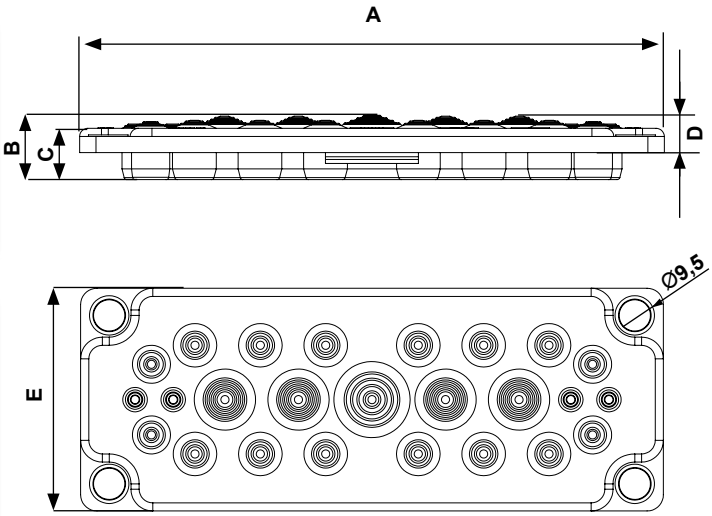
- **Material: TPE /** *Material: TPE*
- **Temperaturbereich /** *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / Colour: *see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	Farbe/ *Colour*	A	B	C	D	E	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18687PS117035	**Grau** / *Gray*	214,0	40,0	27,0	19,0	82,0	196,0x63,0	2xØ24,0-54,0 1xØ30,0-60,0 4xØ8,0-12,0 (IP54)	V0 (UL94)	100
18687PS019005	**Schwarz/** *Black*	214,0	40,0	27,0	19,0	82,0	196,0x63,0	2xØ24,0-54,0 1xØ30,0-60,0 4xØ8,0-12,0 (IP54)	V0 (UL94)	100
18803PS117035	**Grau** / *Gray*	214,0	40,0	27,0	19,0	82,0	196,0x63,0	2xØ24,0-54,0 1xØ30,0-60,0 4xØ8,0-12,0 (IP54)	HB (UL94)	100

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES







- **Material: TPE /** *Material: TPE*
- **Temperaturbereich /** *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / Colour: *see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

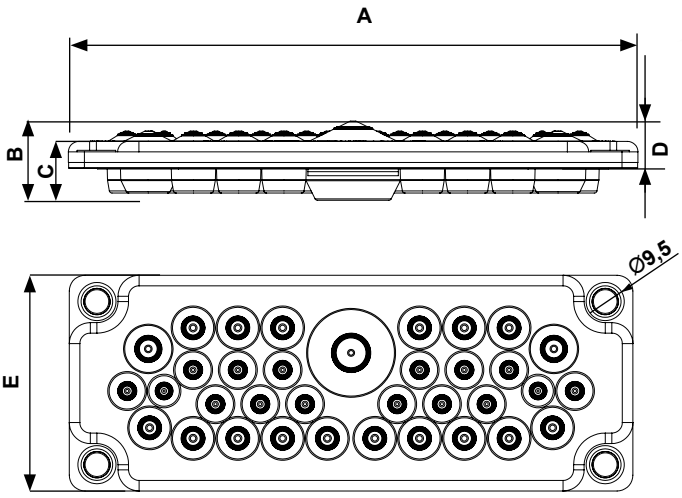
ARTIKEL *P/N*	Farbe/ *Colour*	A	B	C	D	E	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18688PS117035	**Grau** / *Gray*	216,0	27,0	21,0	15,0	84,0	196,0x63,0	4xØ5,0-7,0 4xØ8,0-12,0 12xØ10,0-14,0 4x14,0-22,0 1x20,0-26,0	V0 (UL94)	100
18688PS019005	**Schwarz/** *Black*	216,0	27,0	21,0	15,0	84,0	196,0x63,0	4xØ5,0-7,0 4xØ8,0-12,0 12xØ10,0-14,0 4x14,0-22,0 1x20,0-26,0	V0 (UL94)	100
18804PS117035	**Grau** / *Gray*	216,0	27,0	21,0	15,0	84,0	196,0x63,0	4xØ5,0-7,0 4xØ8,0-12,0 12xØ10,0-14,0 4x14,0-22,0 1x20,0-26,0	HB (UL94)	100

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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES





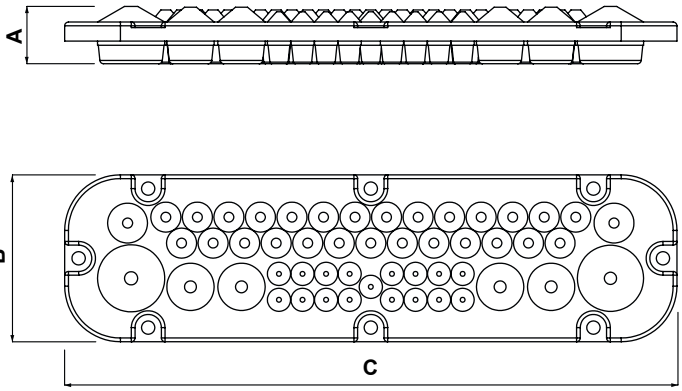


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / Colour: *see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Farbe/ *Colour*	A	B	C	D	E	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18689PS117035	**Grau** / *Gray*	216,0	31,0	22,0	17,0	82,0	196,0x63,0	2xØ6,0-10,0 14xØ7,0-12,0 16xØ10,0-14,0 2xØ12,0-18,0 1xØ17,0-32,0	V0 (UL94)	100
18689PS019005	**Schwarz**/ *Black*	216,0	31,0	22,0	17,0	82,0	196,0x63,0	2xØ6,0-10,0 14xØ7,0-12,0 16xØ10,0-14,0 2xØ12,0-18,0 1xØ17,0-32,0	V0 (UL94)	100
18805PS117035	**Grau** / *Gray*	216,0	31,0	22,0	17,0	82,0	196,0x63,0	2xØ6,0-10,0 14xØ7,0-12,0 16xØ10,0-14,0 2xØ12,0-18,0 1xØ17,0-32,0	HB (UL94)	100

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES





new PRODUCT

HALOGEN FREE

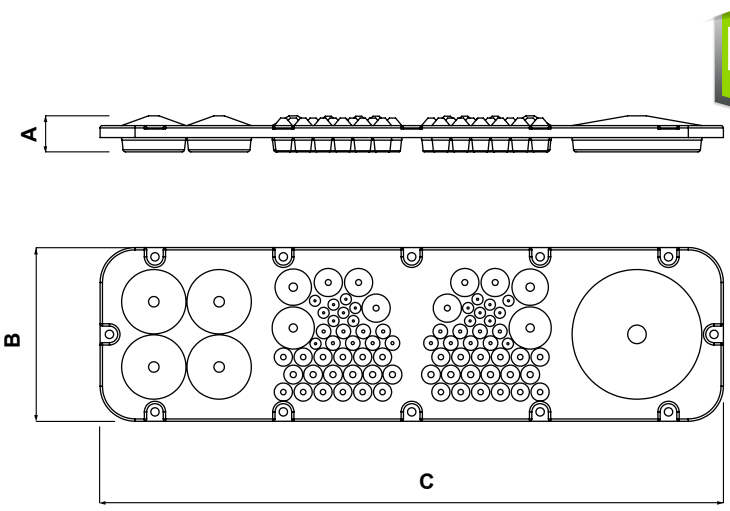
IP65 RoHS COMPLIANT REACH

- **Material** / *Material: TPE Shore 50 ± 5*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / UL Flammability: **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19301PV117035	31,0	90,0	330,0	17 x 6 -11mm 27 x 10 - 15mm 2 x 15 - 21mm 4 x 16 - 25mm 2 x 19 - 34mm		50

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES





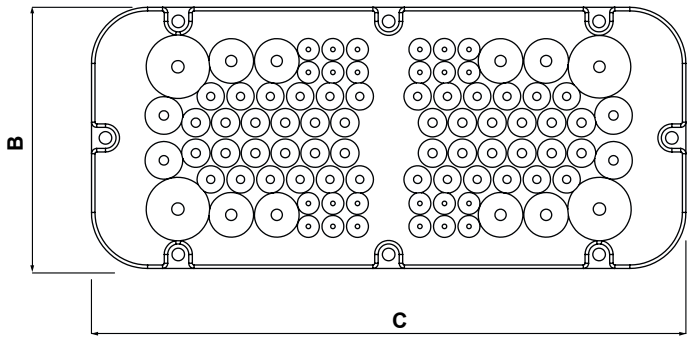
- **Material** / *Material: TPE Shore 50 ± 5*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / UL Flammability: **V0 (UL94)**
- **Farbe: Grau RAL 7035**/ Colour: *RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19302PV117035	31,0	149,0	534,0	18 x 5 - 9mm 16 x 7 - 12mm 36 x 10 - 15mm 6 x 15 - 24mm 2 x 23 - 30mm 2 x 26 - 35mm 4 x 26 - 54mm 1 x 50 - 110mm		25

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES







- **Material** / *Material: TPE Shore 50 ± 5*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / UL Flammability: **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

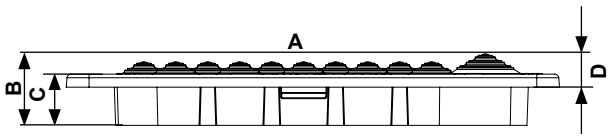
ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19303PV117035	31,0	149,0	339,0	24 x 7 - 12mm 48 x 10 - 15mm 4 x 15 - 21mm 8 x 15 - 25mm 4 x 26 - 35mm		35

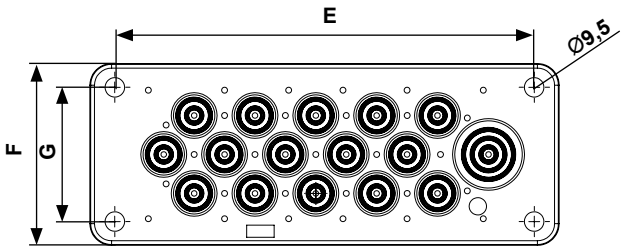
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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES









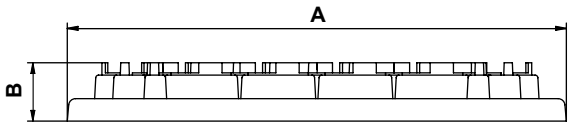
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

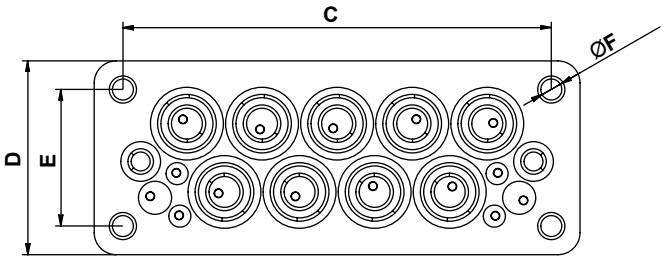
ARTIKEL *P/N*	A	B	C	D	E	F	G	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18806PS117035	216,0	31,0	22,0	14,0	194,0	84,0	62,0	196,0x63,0	15xØ10,0-20,0 1xØ10,0-30,0	100
18807PS117035	216,0	31,0	22,0	14,0	194,0	84,0	62,0	196,0x63,0	15xØ10,0-20,0 1xØ10,0-30,0	60

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES









- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

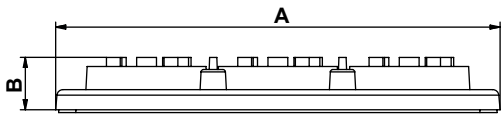
ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18690PS117035	220,0	26,0	194,0	88,0	62,0	9,5	196,0x63,0	4xØ5,0-7,0 2xØ10,0-12,0 2xØ12,0-15,0 9xØ10,0-30,0	100

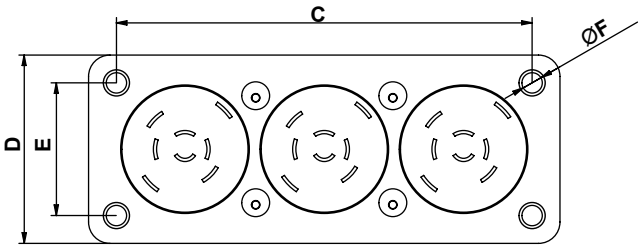
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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES









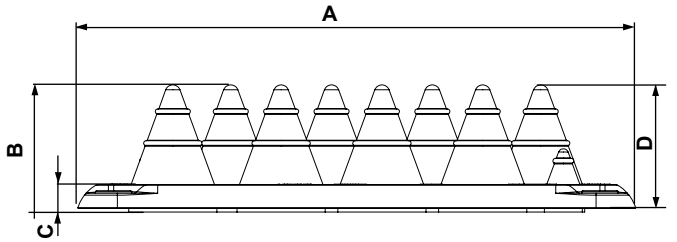
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz RAL 9005** / *Colour: Black RAL* **9005**
  Auf Anfrage auch in der Farbe Grau RAL 7035 erhältlich / *Colour Gray RAL 7035 available by Special Request*
- **Alle Maße sind in mm** / *All dimensions are in mm*

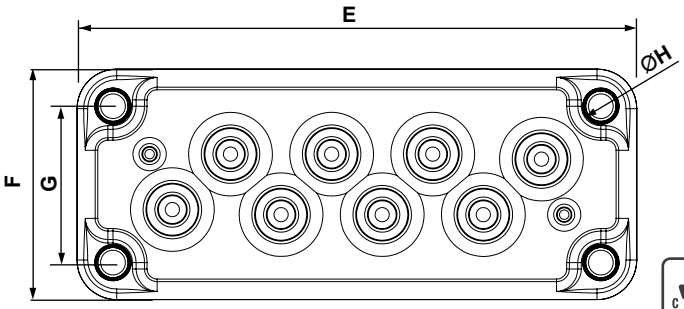
ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18691PS019005	220,0	26,0	194,0	88,0	62,0	9,5	196,0 x 63,0	4xØ7,0-10,0 3xØ12,0-57,0	80

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES









- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

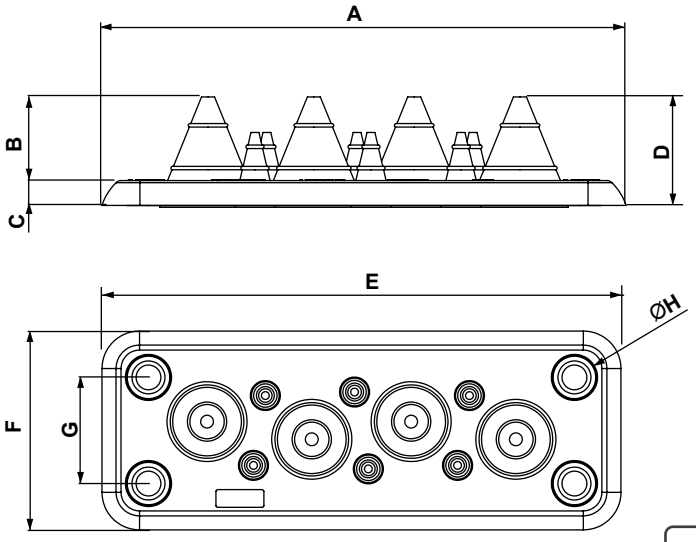
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18692PS117035	216,0	48,0	12,0	45,0	194,0	84,0	62,0	9,5	196,0 x 63,0	2xØ7,0-12,0 8xØ10,0-30,0	100

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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES







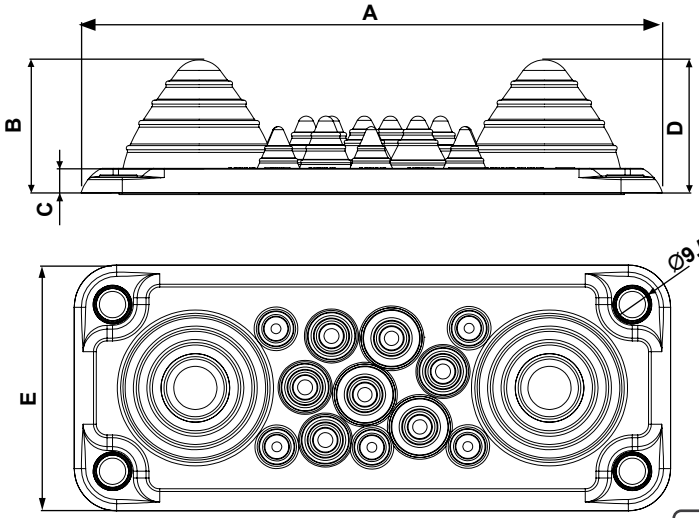
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	ØH	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18693PS117035	146,0	32,0	7,0	32,0	120,0	56,0	30,0	7,0	118,0 x 33,0	6xØ4,0-9,0 4xØ10,0-25,0	200

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES







- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

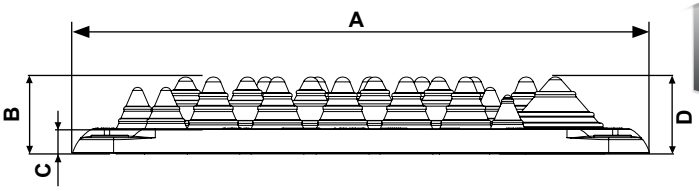
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**Durchbruch** *Cut out*	**Ø Kabel** *Ø Cable*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
18694PS117035	222,0	52,0	10,0	52,0	92,0	196,0 x 63,0	5xØ10,0-14,0 4xØ14,0-18,0 3xØ14,0-22,0 2xØ24,0-54,0	V0 (UL94)	100
18808PS117035	222,0	52,0	10,0	52,0	92,0	196,0 x 63,0	5xØ10,0-14,0 4xØ14,0-18,0 3xØ14,0-22,0 2xØ24,0-54,0	HB (UL94)	100

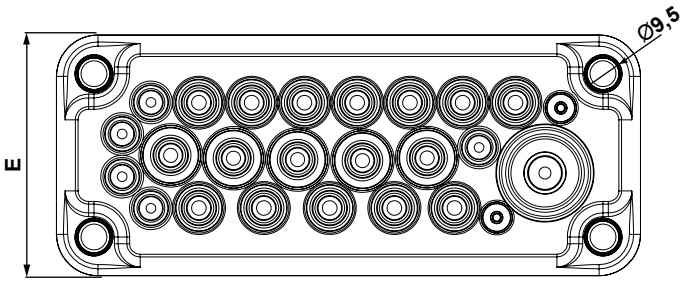
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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES









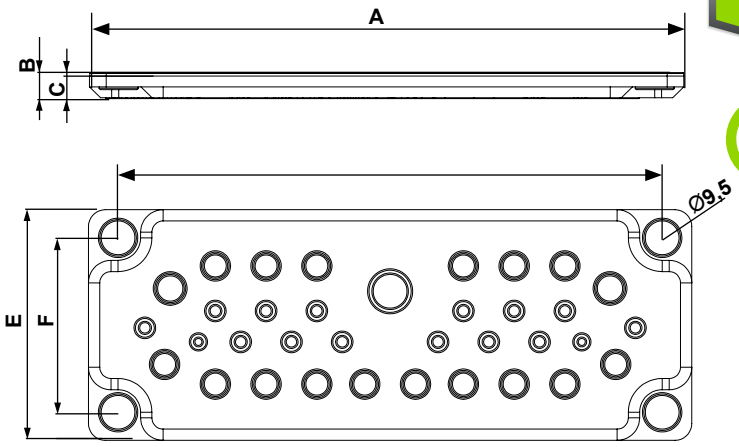
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18695PS117035	222,0	30,0	10,0	30,0	92,0	196,0 x 63,0	2xØ3,0-11,0 5xØ10,0-14,0 12xØ14,0-18,0 5xØ14,0-22,0 1xØ14,0-35,0	V0 (UL94)	100
18809PS117035	222,0	30,0	10,0	30,0	92,0	196,0 x 63,0	2xØ3,0-11,0 5xØ10,0-14,0 12xØ14,0-18,0 5xØ14,0-22,0 1xØ14,0-35,0	HB (UL94)	100

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES







- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

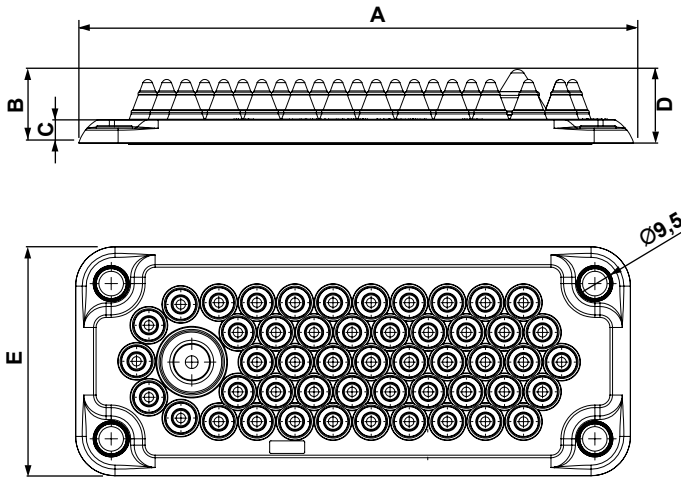
ARTIKEL *P/N*	A	B	C	D	E	F	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18810PS117035	214,0	9,0	8,0	194,0	84,0	62,0	196,0 x 63,0	2xØ6,0-10,0 14xØ7,0-12,0 16xØ10,0-14,0 2xØ12,0-18,0 1xØ15,0-32,0	100

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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES







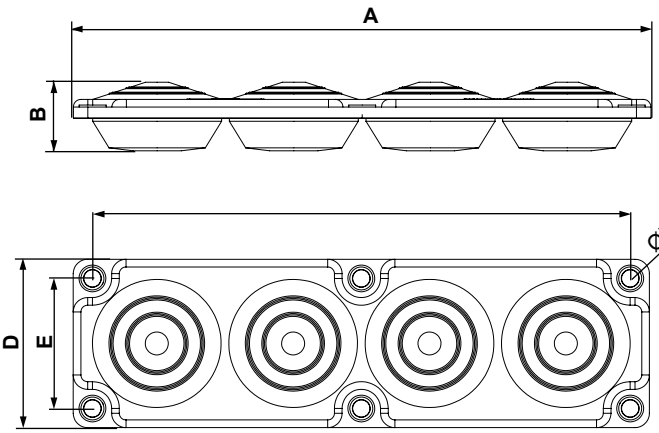
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**Durchbruch** *Cut out*	**Ø Kabel** *Ø Cable*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
18696PS117035	222,0	30,0	10,0	30,0	92,0	196,0 x 63,0	50xØ7,0-13,0 1xØ15,0-25,0	V0 (UL94)	100
18811PS117035	222,0	30,0	10,0	30,0	92,0	196,0 x 63,0	50xØ7,0-13,0 1xØ15,0-25,0	HB (UL94)	100

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES







- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz RAL 9005** / *Colour: Black RAL 9005*
- **Alle Maße sind in mm** / *All dimensions are in mm*

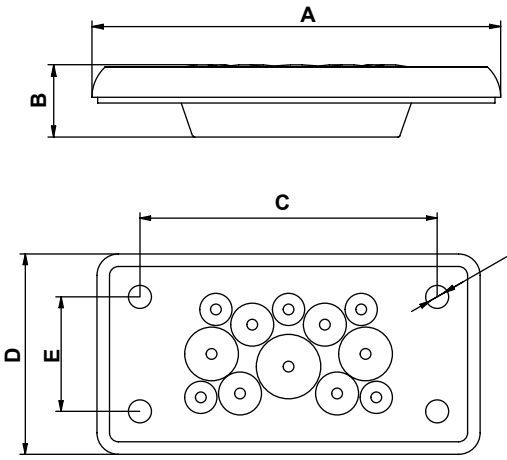
ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18697PS019005	300,0	36,0	280,0	88,0	68,0	9,5	283,0 x 68,0	4xØ30,0-63,0	50

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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES







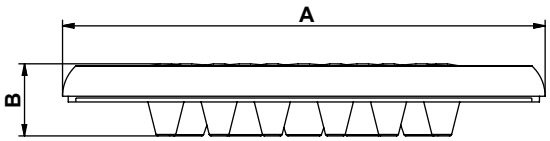
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

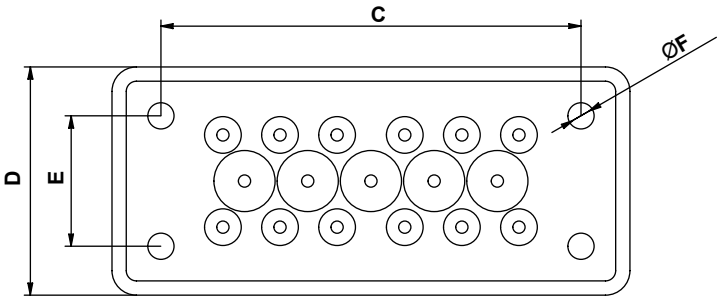
ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18698PS117035	107,0	19,0	83,0	56,0	32,0	4,5	60,0 x 36,0	5xØ3,0-7,0 4xØ5,0-10,0 2xØ7,0-13,0 1xØ9,0-16,0	100

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES









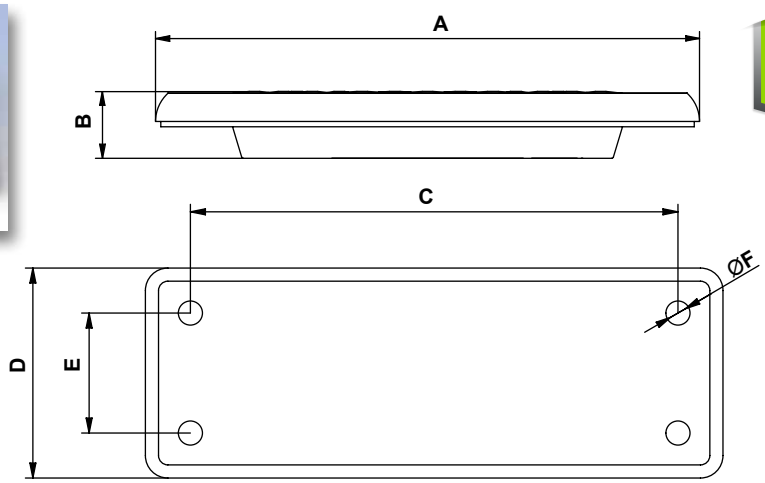
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18699PS117035	127,0	19,0	103,0	56,0	32,0	4,5	86,0 x 36,0	12xØ3,0-7,0 5xØ7,0-13,0	100

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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES



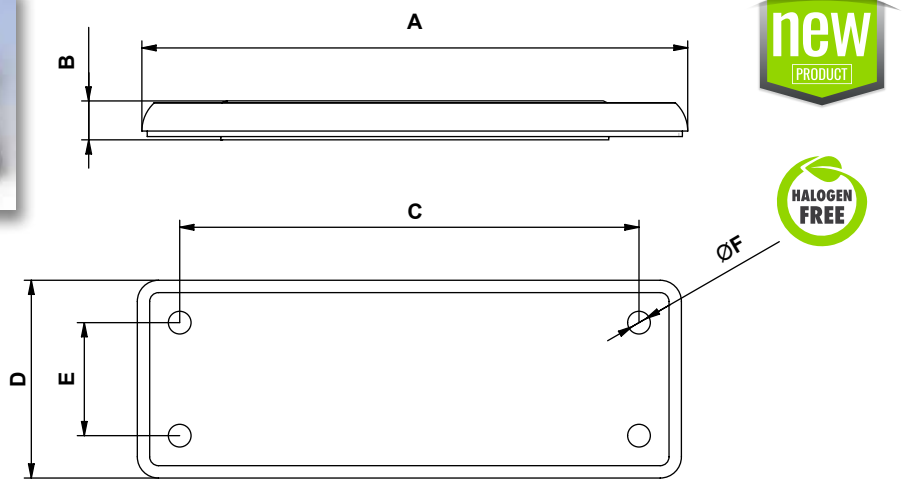


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18700PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	6xØ3,0-7,0 6xØ5,0-10,0 5xØ9,0-16,0	100
18701PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	4xØ3,0-7,0 12xØ7,0-12,0 1xØ10,0-20,0	100
18702PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	15xØ3,0-7,0 4xØ4,5-10,0 3xØ15,0-20,0	100
18703PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	12xØ3,0-7,0 10xØ4,5-10,0 5xØ7,0-13,0	100
18704PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	30xØ3,0-8,0	100

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES





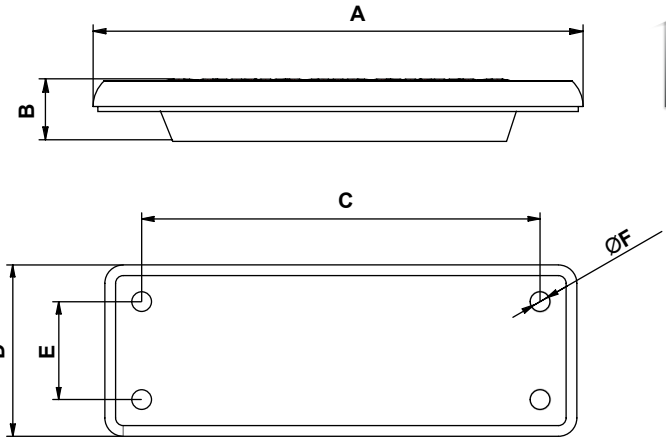
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18705PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	123xØ1,5-3,0 2xØ2,5-5,0	100
18706PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	4xØ1,5-3,0 4xØ3,2-6,3 10xØ4,0-7,5 1xØ5,5-10,5 1xØ8,0-12,5 3xØ12,0-16,2	100
18707PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	5xØ1,5-3,0 10xØ3,2-6,5 4xØ16,0-22,0	100
18708PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	6xØ1,5-3,0 14xØ7,2-12,0	100

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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES



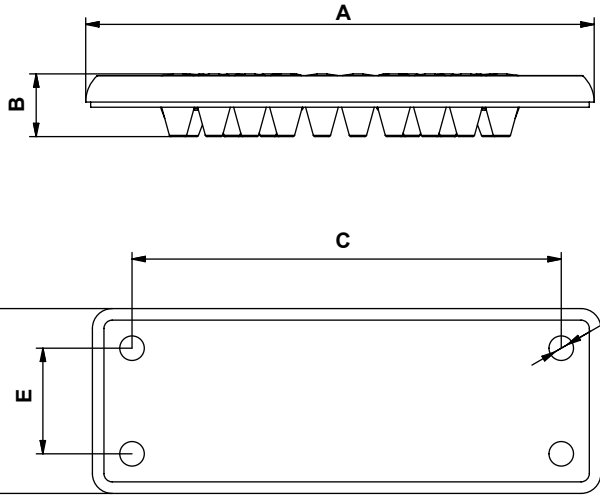


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18709PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	20xØ3,2-6,5 8xØ5,0-10,2 3xØ7,5-12,0	100
18710PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	42xØ3,2-6,5	100
18711PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	4xØ1,5-3,0 6xØ3,2-6,3 2xØ4,0-7,5 1xØ5,5-10,5 10xØ8,0-12,5	100
18712PS117035	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	8xØ1,5-3,0 8xØ3,2-5,5 6xØ4,0-7,5 6xØ5,0-8,5 2xØ9,5-14,5	100
18713PS117035	154,0	11,0	130,0	56,0	32,0	4,5	112,0 x 36,0	6xØ1,5-3,0 4xØ3,2-6,3 14xØ4,0-7,5 4xØ5,5-10,5 2xØ8,0-12,5	100

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE FRAME PLATES



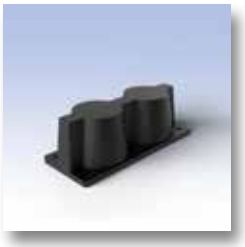


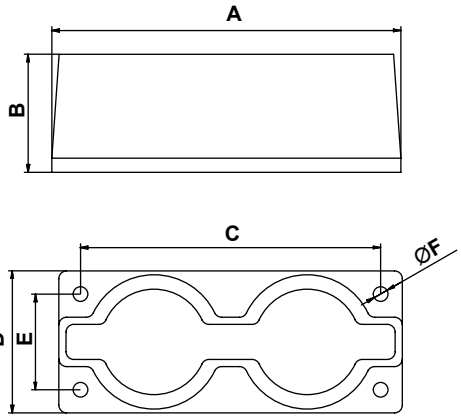
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +90° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz RAL 9005** / *Colour: Black RAL 9005*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18714PS019005	154,0	20,0	130,0	56,0	32,0	4,5	112,0 x 36,0	6xØ1,0-8,0 2xØ1,0-18,0 2xØ1,0-30,0	80
18715PS019005	154,0	20,0	130,0	56,0	32,0	4,5	112,0 x 36,0	3xØ3,0-6,0 9xØ3,0-7,0 8xØ6,0-9,0 4xØ6,0-12,0 1xØ10,0-20,0	120
18716PS019005	154,0	19,0	130,0	56,0	32,0	4,5	112,0 x 36,0	26xØ3,0-6,0 1xØ10,0-20,0	120

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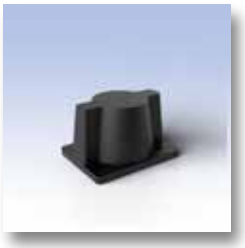
GETEILTE KABEDURCHFÜHRUNGSPLATTE
SPLITTING ENTRY PLATES

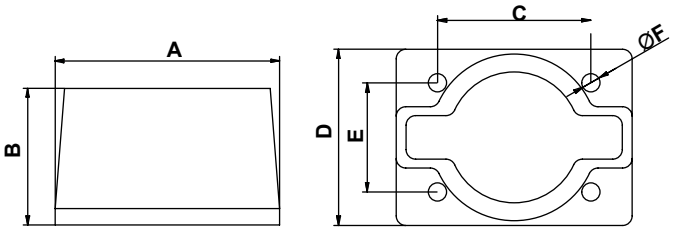




- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz RAL 9005** / *Colour: Black RAL 9005*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18739PS019005	222,0	75,0	194,0	92,0	62,0	9,5	196,0 x 63,0	2xØ8,0-67,0	10
18742PS019005	136,0	40,0	119,0	60,0	43,0	5,5	95,0 x 35,0	2xØ3,0-35,0	50



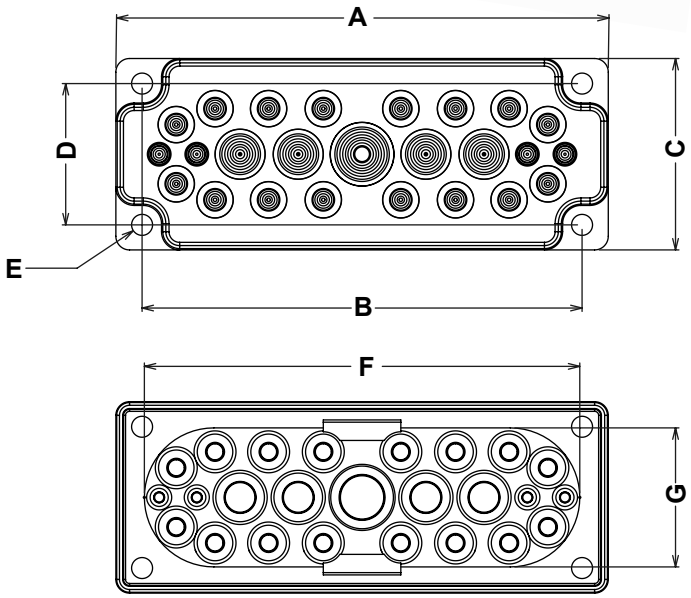


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +100° C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Schwarz RAL 9005** / *Colour: Black RAL 9005*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18740PS019005	123,0	75,0	80,0	92,0	57,0	9,5	Ø 70,0	1xØ8,0-67,0	V0 (UL94)	20
18814PS019005	123,0	75,0	80,0	92,0	57,0	9,5	Ø 70,0	1xØ8,0-67,0	HB (UL94)	20
18741PS019005	77,0	40,0	60,0	60,0	43,0	5,5	Ø 35,0	1xØ3,0-35,0	V0 (UL94)	100

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE ENTRY PLATE





- **Material: TPE - SEBS SHORE A50** / *Material: TPE - SEBS SHORE A50*
- **Schutzklasse: IP65** / *Protection grade: IP65*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** */ All dimensions are in mm*

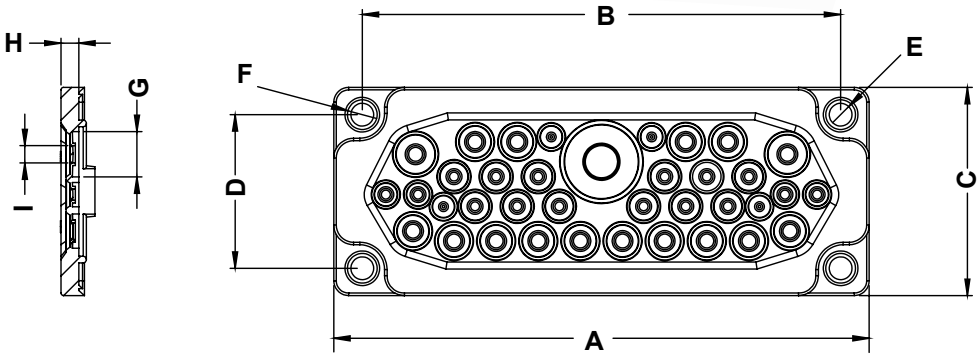
- **Anzahl & Ø der Kabel** / *No.holes / ø cable:*
  1 x Ø 20,0 - 26 mm (IP65) oder Ø 12,0 - 15 mm (IP55)
  16 x Ø 8,0 - 14 mm (IP65) oder Ø 7,0 - 10 mm (IP55)
  4 x Ø 14,0 - 20 mm (IP65) oder Ø 5,0 - 10 mm (IP55)
  4 x Ø 5,0 - 7,0 mm (IP65)
- **auf Anfrage auch in TPE PA 6.6 UL94V0 lieferbar** / *on special request available also in TPE PA 6.6 UL94V0*

ARTIKEL *P/N*	A	B	C	D	E	F	G	**VPE-Stckz.** *Moq-Pcs*
12101PF117035	216,0	193,0	84,0	62,0	Ø 9,2	191,0	61,0	50

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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE ENTRY PLATE





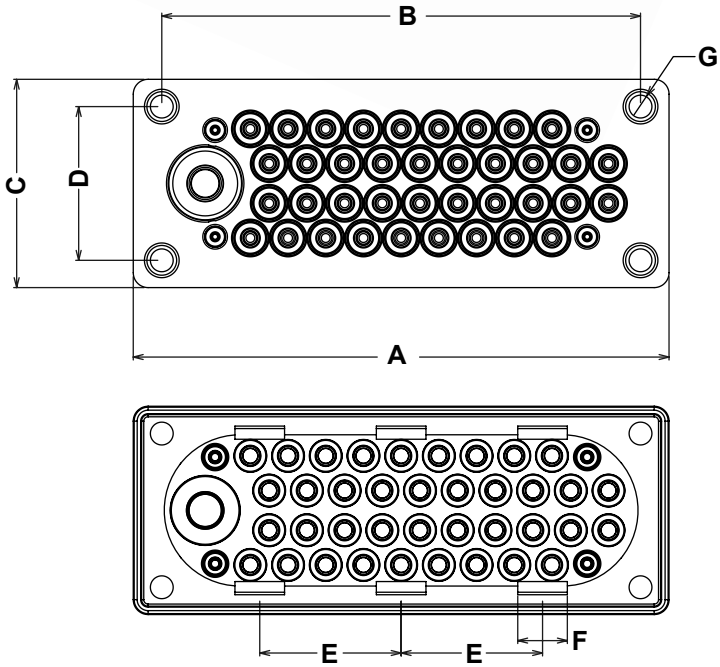
- **Material: TPE - SEBS SHORE A50 /** *Material: TPE - SEBS SHORE A50*
- **Schutzklasse: IP65** / *Protection grade: IP65*
- **Temperaturbereich /** *Working temperature:* **-40°C ~ +100°C**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** */ All dimensions are in mm*

- **Anzahl & Ø der Kabel /** *No.holes / ø cable:*
  1 x Ø 20,0 - 26 mm (IP65) oder Ø 12,0 - 15 mm (IP55)
  16 x Ø 8,0 - 14 mm (IP65) oder Ø 7,0 - 10 mm (IP55)
  4 x Ø 14,0 - 20 mm (IP65) oder Ø 5,0 - 10 mm (IP55)
  4 x Ø 5,0 - 7,0 mm (IP65)
- **auf Anfrage auch in TPE PA 6.6 UL94V0 lieferbar** /
  on special request available also in TPE PA 6.6 UL94V0

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	**VPE-Stckz.** *Moq-Pcs*
12104PF117035	216,0	193,0	84,0	62,0	Ø 9,2	Ø 12,0	18,3	7,1	Ø 7,0	50

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE ENTRY PLATE





- **Material: TPE - SEBS SHORE A50** / *Material: TPE - SEBS SHORE A50*
- **Schutzklasse: IP65** / *Protection grade: IP65*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** */ All dimensions are in mm*

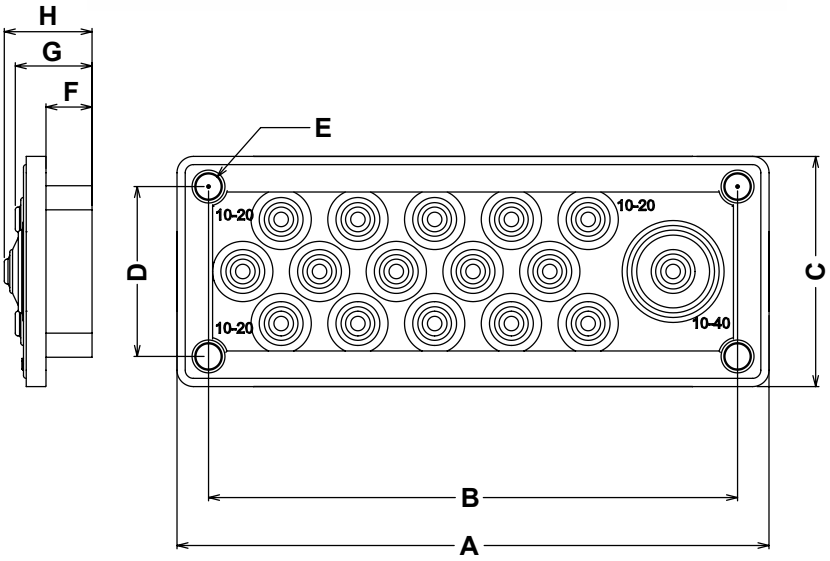
- **Anzahl & Ø der Kabel** / *No.holes / ø cable:*
  4 x Ø 4,0 - 10,5 mm
  38 x Ø 7,0 - 12,5 mm
  4 x Ø14,0 - 27,5 mm
- **auf Anfrage auch in TPE PA 6.6 UL94V0 lieferbar** /
  on special request available also in TPE PA 6.6 UL94V0

ARTIKEL *P/N*	A	B	C	D	E	F	G	**VPE-Stckz.** *Moq-Pcs*
12103PF117035	216,0	193,0	84,0	62,0	57,0	20,0	Ø 9,2	100

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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE ENTRY PLATE



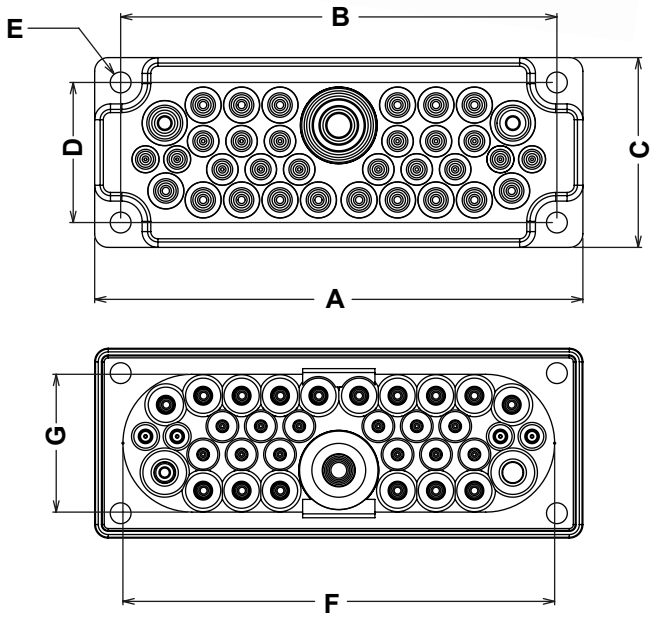


- **Material: TPE - SEBS SHORE A50 /** *Material: TPE - SEBS SHORE A50*
- **Schutzklasse: IP54-IP30** / *Protection grade: inside IP54, outside IP30*
- **Temperaturbereich /** *Working temperature:* **-40°C ~ +100°C**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Anzahl & Ø der Kabel /** *No.holes / ø cable:*
  1 x Ø 40,0 mm
  15 x Ø 20,0 mm
- **auf Anfrage auch in TPE PA 6.6 UL94V0 lieferbar** /
  on special request available also in TPE PA 6.6 UL94V0

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	**VPE-Stckz.** *Moq-Pcs*
12105PF117035	216,0	193,0	84,0	62,0	Ø 9,2	16,8	28,0	32,0	50

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE ENTRY PLATE





- **Material: TPE - SEBS SHORE A50 /** *Material: TPE - SEBS SHORE A50*
- **Schutzklasse: IP65** / *Protection grade: IP65*
- **Temperaturbereich /** *Working temperature:* **-40°C ~ +100°C**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** */ All dimensions are in mm*

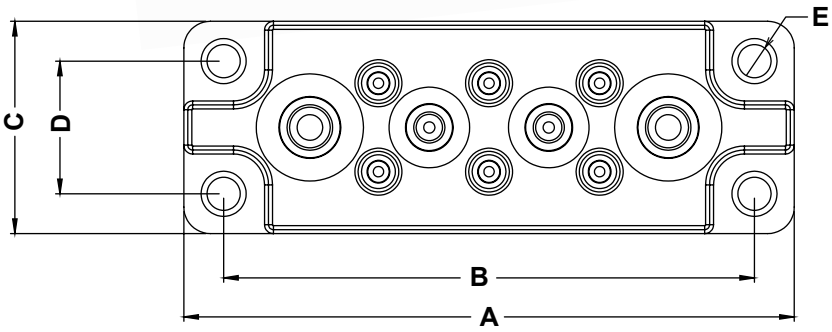
- **Anzahl & Ø der Kabel /** *No.holes / ø cable:*
  1 x Ø 17,0 - 32,0 mm
  2 x Ø 12,0 - 18,0 mm
  16 x Ø 10,0 - 14,0 mm
  12 x Ø 7,0 - 12,0 mm
- **auf Anfrage auch in TPE PA 6.6 UL94V0 lieferbar /** *on special request available also in TPE PA 6.6 UL94V0*

ARTIKEL *P/N*	A	B	C	D	E	F	**VPE-Stckz.** *Moq-Pcs*
12106PF117035	216,0	193,0	84,0	62,0	Ø 9,2	191,0	50

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MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE ENTRY PLATE





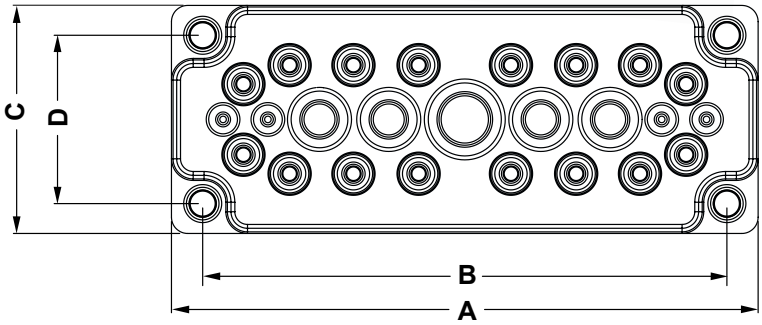
- **Material: TPE - SEBS SHORE A50 /** *Material: TPE - SEBS SHORE A50*
- **Schutzklasse: IP65** / *Protection grade: IP65*
- **Temperaturbereich /** *Working temperature:* **-40°C ~ +100°C**
- **Farbe: Grau RAL 7035** / *Colour: Gray RAL 7035*
- **Alle Maße sind in mm** */ All dimensions are in mm*

- **Anzahl & Ø der Kabel /** *No.holes / ø cable:*
  2 x Ø 12,0 - 21,0 mm
  2 x Ø 8,0 - 15,0 mm
  6 x Ø 5,0 - 8,0 mm
- **auf Anfrage auch in TPE PA 6.6 UL94V0 lieferbar** /
  on special request available also in TPE PA 6.6 UL94V0

ARTIKEL *P/N*	A	B	C	D	E	**VPE-Stckz.** *Moq-Pcs*
12102PF117035	138,0	120,0	48,0	30,0	Ø 7,5	100

MEHRFACH KABELDURCHFÜHRUNGSPLATTE
MULTIGATE CABLE ENTRY PLATE





- **Material: TPE-SEBS 50 Sha / TPE-SEBS 50 Sha V-0 / EMC**
  Material: TPE-SEBS 50 Sha / TPE-SEBS 50 Sha V-0 / EMC
- **Schutzklasse: IP65** / *Protection grade: IP65*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Farbe: RAL 7035** / *Colour: RAL 7035*
- **Alle Maße sind in mm** */ All dimensions are in mm*

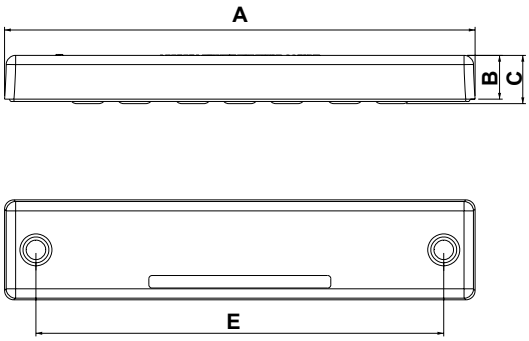
- **Anzahl & Ø der Kabel** / *No.holes / ø cable:*
  1 x 20mm-26mm (IP65) / 12mm -15mm (IP55)
  16 x 8mm – 14mm (IP65) / 7mm – 10mm (IP55)
  4 x 14mm – 20mm (IP65) / 5mm – 10mm (IP55)
  4x 5mm – 7mm (IP65)
- **auf Anfrage auch in TPE PA 6.6 UL94V0 lieferbar** /
  on special request available also in TPE PA 6.6 UL94V0

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
12107PF117035	216,0	193,0	84,0	62,0	100

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KABELDURCHFÜHRUNGSPLATTE MIT RAHMEN
CABLE ENTRY PLATES WITH INTERNAL FRAME







DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +105° C**
- **Entflammbarkeit** / UL Flammability: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

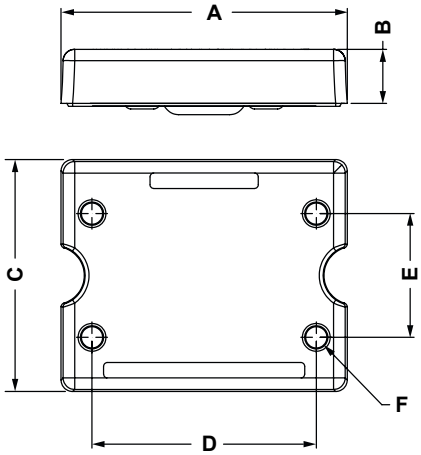
ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
16257PS11	**16270PS01**	150,0	14,0	15,0	32,0	130,0	112 x 18	7 x Ø 6,8-12,0	10
19003PS11	**19004PS01**	150,0	14,0	15,0	32,0	130,0	112 x 18	22 x Ø 3,2-6,5	10
					ATEX				
19080PS11	**19082PS01**	150,0	14,0	15,0	32,0	130,0	112 x 18	7 x Ø 6,8-12,0	1
19081PS11	**19083PS01**	150,0	14,0	15,0	32,0	130,0	112 x 18	22 x Ø 3,2-6,5	1

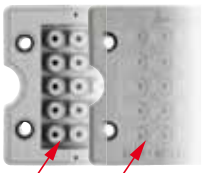
KABELDURCHFÜHRUNGSPLATTE MIT RAHMEN
CABLE ENTRY PLATES WITH INTERNAL FRAME

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DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +105° C**
- **Entflammbarkeit** / UL Flammability: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	F	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
16258PS11	**16272PS01**	74,0	14,0	60,0	58,0	32,0	Ø5,5	46,0 x 46,0	8 x Ø2,8 - 6,5 4 x Ø4,6 - 10,2 1 x Ø14,5 - 22,0	10
16259PS11	**16273PS01**	74,0	14,0	60,0	58,0	32,0	Ø5,5	46,0 x 46,0	10 x Ø2,8 - 6,5 4 x Ø4,6 - 10,2 2 x Ø6,8 - 12,0 1 x Ø8,6 - 16,2	10
16260PS11	**16274PS01**	74,0	14,0	60,0	58,0	32,0	Ø5,5	46,0 x 46,0	25 x Ø2,8 - 6,5	10
					ATEX					
19074PS11	**19077PS01**	74,0	14,0	60,0	58,0	32,0	Ø5,5	46,0 x 46,0	8 x Ø2,8 - 6,5 4 x Ø4,6 - 10,2 1 x Ø14,5 - 22,0	1
19075PS11	**19078PS01**	74,0	14,0	60,0	58,0	32,0	Ø5,5	46,0 x 46,0	10 x Ø2,8 - 6,5 4 x Ø4,6 - 10,2 2 x Ø6,8 - 12,0 1 x Ø8,6 - 16,2	1
19076PS11	**19079PS01**	74,0	14,0	60,0	58,0	32,0	Ø5,5	46,0 x 46,0	25 x Ø2,8 - 6,5	1

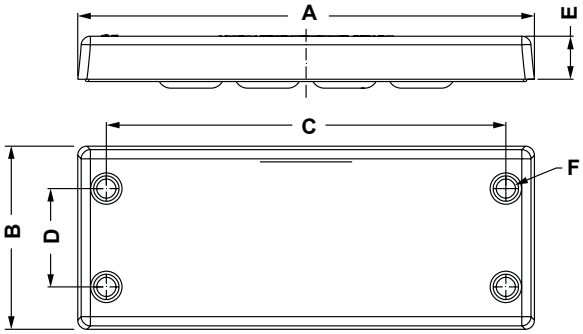
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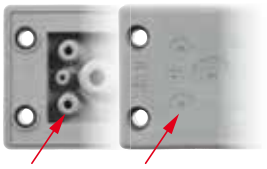
KABELDURCHFÜHRUNGSPLATTE MIT RAHMEN
CABLE ENTRY PLATES WITH INTERNAL FRAME

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DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

new PRODUCT

HALOGEN FREE

SILICONE FREE

HL3 EN 45545-2 | UV ISO 4892-2A | RoHS COMPLIANT | cULus | APPROVED | ECOLAB | IP66 | UL TYPE 12,4X | NEMA 12,4X

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +110° C**
- **Entflammbarkeit** / UL Flammability: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

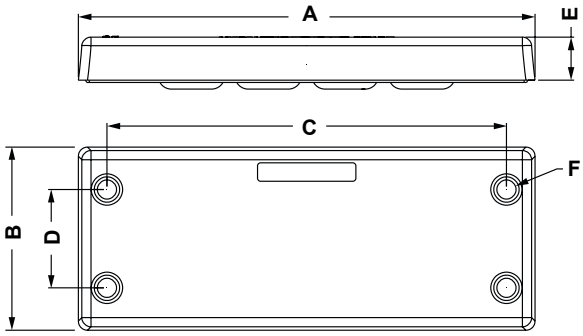
ARTIKEL *P/N* **Grau** / *Gray*	**ARTIKEL** *P/N* **Schwarz** / *Black*	**A**	**B**	**C**	**D**	**E**	**F**	**Durchbruch** *Cut out*	**Ø Kabel** *Ø Cable*	**VPE-Stckz.** *Moq-Pcs*
16250PS11	**16262PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	4 x Ø14,5 - 22,2 10 x Ø2,8 - 6,5	10
16251PS11	**16263PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	15 x Ø6,8-12,0	10
16252PS11	**16264PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	2 x Ø8,6 - 16,2 2 x Ø14,5 - 22,0 4 x Ø4,4 - 9,7 8 x Ø2,8 - 6,5	10
16253PS11	**16265PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	5 x Ø8,6 - 16,2 6 x Ø9,6 - 10,2 6 x Ø2,8 - 6,5	10
16254PS11	**16266PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	6 x Ø6,8 - 12,0 7 x Ø4,4 - 9,7 12 x Ø2,8 - 6,5	10
16255PS11	**16267PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	3 x Ø6,8 - 12,0 8 x Ø9,6 - 10,2 21 x Ø2,8 - 6,5	10
16256PS11	**16268PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	42 x Ø2,8 - 6,5	10
19002PS11	**-**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	4 x Ø2,3 - 6,0 120 x Ø1,75-4,7	10

ATEX KABELEINFÜHRUNGSPLATTE MIT RAHMEN
ATEX CABLE GLANDS PLATES WITH INTERNAL FRAME

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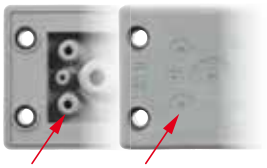




new PRODUCT

HALOGEN FREE

SILICONE FREE



DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / UL Flammability: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

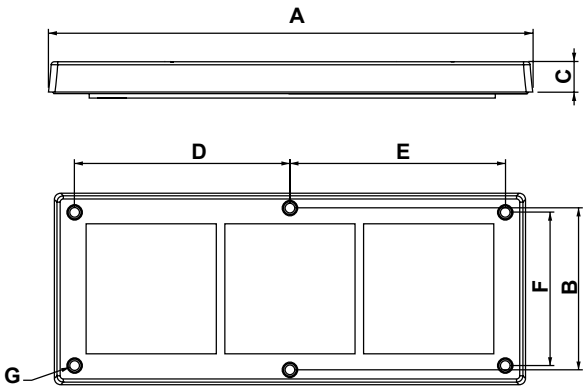
ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	F	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
19059PS11	**19067PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	4 x Ø14,5 - 22,2 10 x Ø2,8 - 6,5	1
19060PS11	**19068PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	15 x Ø6,8-12,0	1
19061PS11	**19069PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	2 x Ø8,6 - 16,2 2 x Ø14,5 - 22,0 4 x Ø4,4 - 9,7 8 x Ø2,8 - 6,5	1
19062PS11	**19070PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	5 x Ø8,6 - 16,2 6 x Ø9,6 - 10,2 6 x Ø2,8 - 6,5	1
19063PS11	**19071PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	6 x Ø6,8 - 12,0 7 x Ø4,4 - 9,7 12 x Ø2,8 - 6,5	1
19064PS11	**19072PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	3 x Ø6,8 - 12,0 8 x Ø9,6 - 10,2 21 x Ø2,8 - 6,5	1
19065PS11	**19073PS01**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	42 x Ø2,8 - 6,5	1
19066PS11	**-**	148,6	59,6	130,0	32,0	14,0	4xØ6,2	112,0x36,0	4 x Ø2,3 - 6,0 120 x Ø1,75-4,7	1

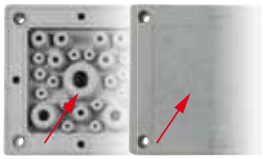
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MEHRFACH KABELEINFÜHRUNGSPLATTE
MULTIGATE CABLE ENTRY PLATE









DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +105° C**
- **Entflammbarkeit** / UL Flammability: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

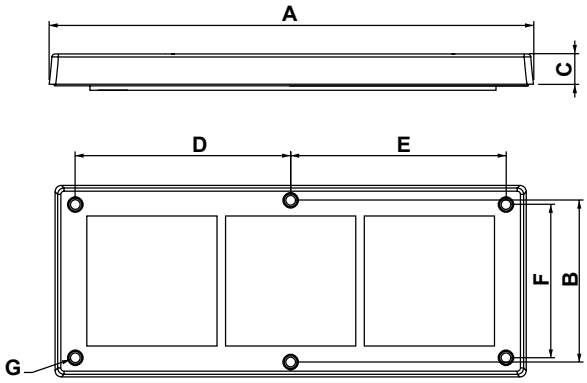
ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	F	G	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
19024PS11	**19025PS01**	221,0	76,0	14,0	101,0	101,0	72,0	6xØ4,5	192,0x62,0	4xØ3,0-6,0 6xØ14,0-22,0 1xØ9,0-15,0 2xØ22,0-30,0 3xØ5,0-10,0 3xØ19,0-27,0	1
18574PS11	**19026PS01**	221,0	76,0	14,0	101,0	101,0	72,0	6xØ4,5	192,0x62,0	21xØ9,5-17,0	1
16261PS11	**16276PS01**	221,0	90,0	14,0	101,0	101,0	72,0	6xØ4,5	192,0x62,0	42xØ2,8-6,5 21xØ4,6-10,2 6xØ8,6-16,2 3xØ14,5-22,0	10

ATEX MEHRFACH KABELEINFÜHRUNGSPLATTE
ATEX MULTIGATE CABLE ENTRY PLATE

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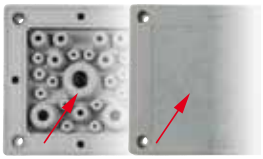




new PRODUCT

HALOGEN FREE

SILICONE FREE



DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

HL3 EN 45545-2 | UV ISO 4892-2A | RoHS COMPLIANT | ECOLAB | IP66 | UL TYPE 12 | NEMA 12

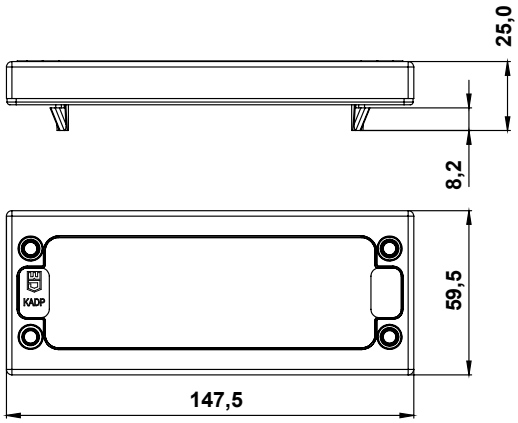
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / UL Flammability: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

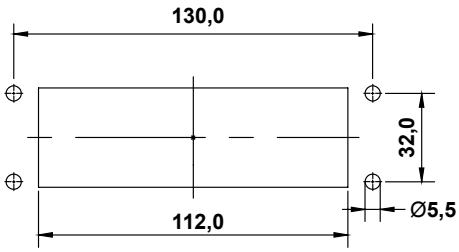
ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	F	G	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs.*
19118PS11	**19121PS01**	221,0	76,0	14,0	101,0	101,0	72,0	6xØ4,5	192,0x62,0	4xØ3,0-6,0 6xØ14,0-22,0 1xØ9,0-15,0 2xØ22,0-30,0 3xØ5,0-10,0 3xØ19,0-27,0	1
19119PS11	**19123PS01**	221,0	76,0	14,0	101,0	101,0	72,0	6xØ4,5	192,0x62,0	21xØ9,5-17,0	1
19120PS11	**19122PS01**	221,0	90,0	14,0	101,0	101,0	72,0	6xØ4,5	192,0x62,0	42xØ2,8-6,5 21xØ4,6-10,2 6xØ8,6-16,2 3xØ14,5-22,0	1

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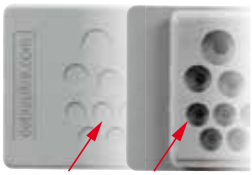
AUSSTANZUNG
MOUNTING HOLE

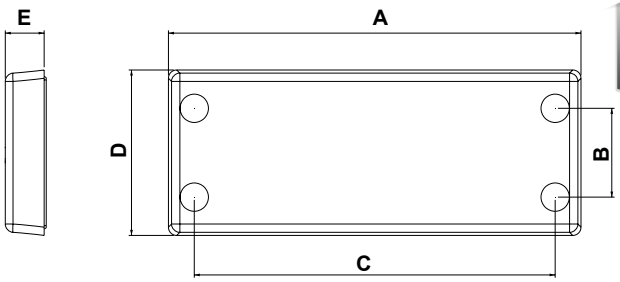
- **Material: PA66 GF25 V-0 /**
  Material: **PA66 GF25 V-0** */*
- **Schutzklasse: IP66** / *Protection grade: IP66*
- **Temperaturbereich /** *Working temperature:* **-30°C ~ +100°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Dichtung /** *Sealing:* **TPE TPV**

ARTIKEL *P/N*	**Lochanzahl / Ø Kabel** *No. Holes / Ø Cable*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
15153BR01	3,0 - 6,5 (x4) 5,0 - 9,2 (x4) 14,0 - 20,0 (x4)		1
15154BR01	8,0 - 12,0 (x12)		1
15155BR01	3,0 - 5,5 (x2) 4,1 - 8,1 (x6) 9,0 - 14,0 (x4) 14,0 - 20,0 (x1)		1
15156BR01	3,0 - 6,5 (x6) 5,0 - 9,2 (x4) 9,6 - 15,9 (x4)		1
15157BR01	5,0 - 9,2 (x17)		1
15158BR01	3,0 - 6,5 (x11) 4,1 - 8,1 (x1) 8,0 - 12,5 (x5)		1
15159BR01	3,0 - 6,5 (x16) 5,0 - 9,2 (x4) 8,0 - 12,5 (x2)		1
15160BR01	4,1 - 8,1 (x23)		1
15161BR01	3,0 - 6,5 (x29)		1
15162BR01	-		1









DOPPELMEMBRAN TECHNOLOGIE-
DOUBLE MEMBRANE

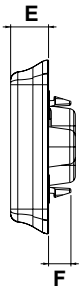
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

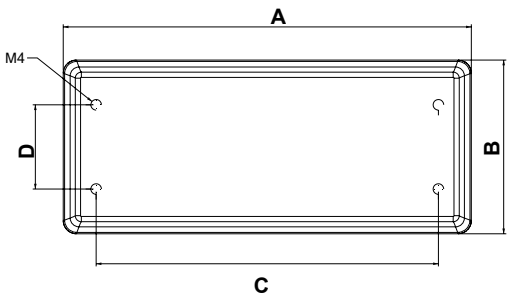
ARTIKEL *P/N*	A	B	C	D	E	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
19050PS11	148,6	32,0	130,0	59,6	14,0	112 x 36	10 xØ 2,8 - 6,5 4 x Ø14,5 - 22,0	**Grau** / *Gray*	10
19051PS11	148,6	32,0	130,0	59,6	14,0	112 x 36	15 x Ø6,8 -12,0	**Grau** / *Gray*	10
19057PS01	148,6	32,0	130,0	59,6	14,0	112 x 36	15 x Ø6,8 -12,0	**Schwarz** / *Black*	10
19052PS11	148,6	32,0	130,0	59,6	14,0	112 x 36	8 x Ø2,8 - 6,5 4 x Ø4,4 - 9,7 2 x Ø8,6 - 16,2 2 x Ø14,5 - 22,0	**Grau** / *Gray*	10
19053PS11	148,6	32,0	130,0	59,6	14,0	112 x 36	6 x Ø2,8 - 6,5 6 x Ø4,6 - 10,2 5 xØ 8,6 - 16,2	**Grau** / *Gray*	10
19054PS11	148,6	32,0	130,0	59,6	14,0	112 x 36	12 x Ø2,8 - 6,5 7 x Ø4,4 - 9,7 6 x Ø6,8 - 12,0	**Grau** / *Gray*	10
19055PS11	148,6	32,0	130,0	59,6	14,0	112 x 36	21 x Ø2,8 - 6,5 8 x Ø4,6 - 10,2 3 x Ø6,8 - 12,0	**Grau** / *Gray*	10
19056PS11	148,6	32,0	130,0	59,6	14,0	112 x 36	42 xØ 2,8 - 6,5	**Grau** / *Gray*	10
19058PS11	148,6	32,0	130,0	59,6	14,0	112 x 36	120xØ1,75 - 4,7 4xØ2,3 - 6,0	**Grau** / *Gray*	10

KABELDURCHFÜHRUNGSPLATTEN MIT RAHMEN
CABLE ENTRY PLATES WITH INTERNAL FRAME









SNAP-ON

M4

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*

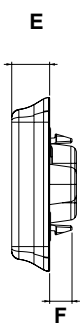
ARTIKEL *P/N*	A	B	C	D	E	F	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
19008PS11	155,0	66,0	130,0	32,0	14,4	8,5	112,0 x 18,0	2 x Ø2,8 - 6,5 6 x Ø4,6 - 10,2 5 x Ø8,6 - 16,2	10
19009PS11	155,0	66,0	130,0	32,0	14,4	8,5	112,0 x 18,0	12 x Ø 2,8 - 6,5 7 x Ø4,4 - 9,7 6 x Ø6,8 - 12,0	10
19010PS11	155,0	66,0	130,0	32,0	14,4	8,5	112,0 x 18,0	21 x Ø 2,8 - 6,5 8 x Ø 4,6 - 10,2 3 x Ø 6,8 - 12,0	10

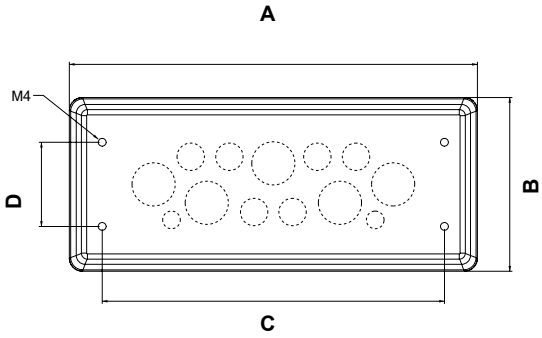
KABELEINFÜHRUNGSPLATTE FÜR FDA APPLIKATIONEN
CABLE ENTRY PLATE FOR FDA APPLICATIONS

fastpoint









new PRODUCT

HALOGEN FREE

SILICONE FREE

RoHS COMPLIANT

IP66

FDA COMPLIANT

ECOLAB

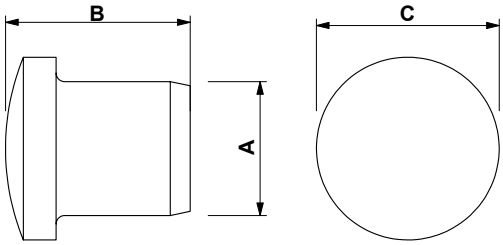
UV ISO 4892-2A

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Blau** / *Colour: Blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Durchbruch *Cut out*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
19005PS08	155,0	66,0	130,0	32,0	14,4	8,5	112,0 x 36,0	2 x Ø2,8 - 6,5 6 x Ø4,6 - 10,2 5 x Ø8,6 - 16,2	10
19006PS08	155,0	66,0	130,0	32,0	14,4	8,5	112,0 x 36,0	12 x Ø 2,8 - 6,5 7 x Ø4,4 - 9,7 6 x Ø6,8 - 12,0	10
19007PS08	155,0	66,0	130,0	32,0	14,4	8,5	112,0 x 36,0	21 x Ø 2,8 - 6,5 8 x Ø 4,6 - 10,2 3 x Ø 6,8 - 12,0	10



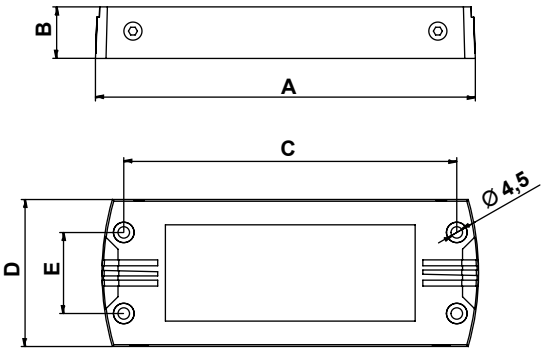




- **Material: PA6** / *Material: PA6*
- **Temperaturbereich** / *Working temperature:* **-30°C +100°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* **Grau** / *Gray*	**ARTIKEL** *P/N* **Schwarz** / *Black*	**A**	**B**	**C**	**Bohrung** *Hole*	**VPE-Stckz.** *Moq-Pcs*
19039BA11	19044BA01	5,5	12,5	10,5	Ø 4,5 - 8,0	10
19040BA11	19045BA01	9,5	16,0	13,5	Ø 8,0 - 12,0	10
19041BA11	19046BA01	12,0	16,5	16,5	Ø 12,0 - 16,0	10
19042BA11	19047BA01	16,0	19,5	20,5	Ø 16,0 - 19,0	10
19043BA11	-	20,0	21,5	24,5	Ø 20,0 - 22,5	10



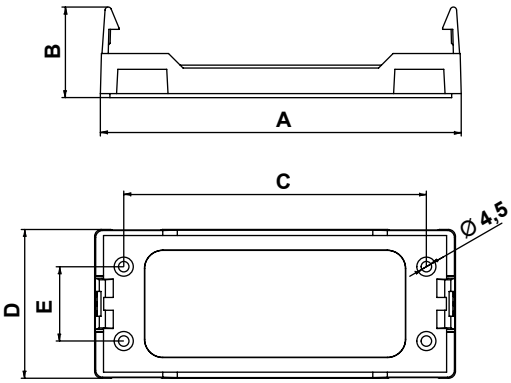


- **Material** / *Material:* **PA 6.6**
- **Temperaturbereich** / *Working temperature* **-40°C ~ +120° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Durchbruch *Cut out*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18840AR01	147,0	20,0	130,0	58,0	32,0	113,0 x 35,0	**zur Aufnahme von bis zu 10 kleinen Kabeldurchführungen** */ for accommodating up to 10 (small) cable grommets*	1
18841AR01	120,0	20,0	103,0	58,0	32,0	86,0 x 35,0	**zur Aufnahme von bis zu 8 kleinen Kabeldurchführungen** */ for accommodating up to 8 (small) cable grommets*	1
18842AR01	99,2	20,0	83,0	58,0	32,0	65,0 x 35,0	**zur Aufnahme von bis zu 6 kleinen Kabeldurchführungen** */ for accommodating up to 6 (small) cable grommets*	1

EINRASTENDER MONTAGE- UND AUFNAHMERAHMEN
SNAP IN MOUNTING FRAME

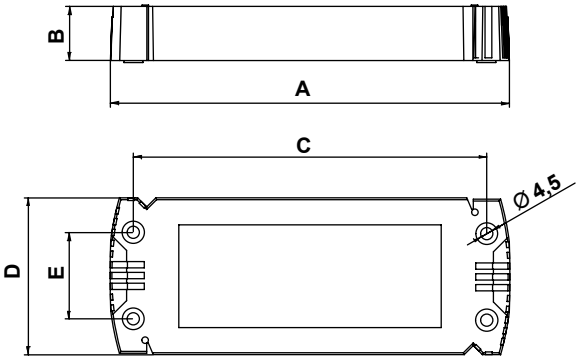




- **Material** / *Material:* **PA 6.6**
- **Temperaturbereich** / *Working temperature* **-40°C ~ +120° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Durchbruch *Cut out*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18843AR01	155,0	39,0	130,0	64,0	32,0	113,0 x 35,0	**zur Aufnahme von geteilten Kabeleinführungens B24, mit integrierter Dichtung** / *for accommodating B24 split cable entry frames, with integrated sealing*	1
18844AR01	128,0	39,0	103,0	64,0	32,0	86,0 x 35,0	**zur Aufnahme von geteilten Kabeleinführungens B16, mit integrierter Dichtung** / *for accommodating B16 split cable entry frames, with integrated sealing*	1
18845AR01	108,0	39,0	83,0	64,0	32,0	65,0 x 35,0	**zur Aufnahme von geteilten Kabeleinführungens B10, mit integrierter Dichtung** / *for accommodating B10 split cable entry frames, with integrated sealing*	1



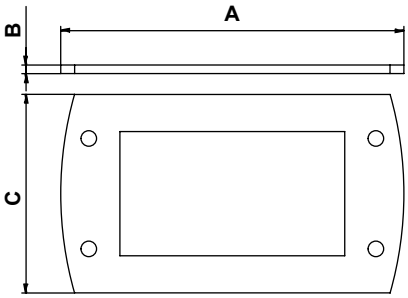


- **Material** / *Material:* **PA 6.6**
- **Temperaturbereich** / *Working temperature* **-40°C ~ +120° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Durchbruch *Cut out*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18837AR01	147,0	20,0	130,0	58,0	32,0	113,0 x 35,0	**zur Aufnahme von bis zu 10 kleinen Kabeldurchführungen** / *for accommodating up to 10 (small) cable grommets*	1
18838AR01	120,0	20,0	103,0	58,0	32,0	86,0 x 35,0	**zur Aufnahme von bis zu 8 kleinen Kabeldurchführungen** / *for accommodating up to 8 (small) cable grommets*	1
18839AR01	99,2	20,0	83,0	58,0	32,0	65,0 x 35,0	**zur Aufnahme von bis zu 6 kleinen Kabeldurchführungen** / *for accommodating up to 6 (small) cable grommets*	1

FLACHDICHTUNG FÜR AUFNAHMENRAHMEN
FLAT GASKET FOR CABLE ENTRY

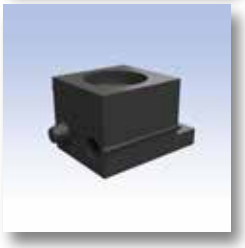


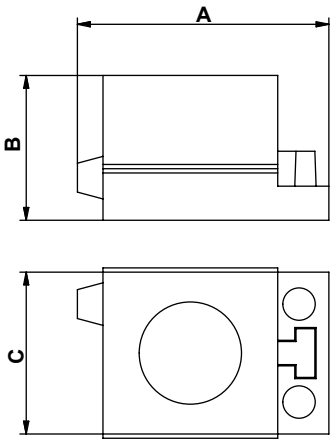


- **Material: NBR** / *Material: NBR*
- **Temperaturbereich** / *Working temperature* **-20°C ~ +80° C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Durchbruch *Cut out*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18862NR01	99,2	2,5	57,5	65,0 x 35,0		10
18863NR01	120,0	2,5	57,5	86,0 x 35,0		10
18864NR01	147,0	2,5	57,5	113,0 x 35,0		10







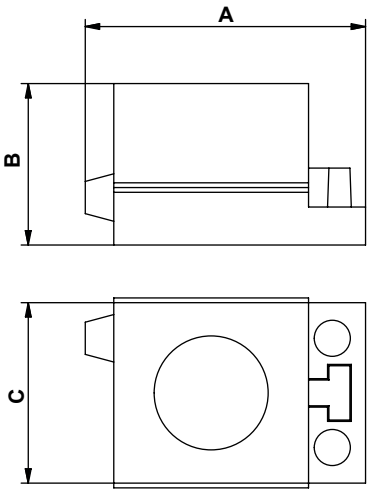
- **Material: NBR** / *Material: NBR*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +125° C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Nur in Kombination mit dem Produkt 18837-18845AR01 / Only in combination with the product 18837-18845AR01

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18883NR01	29,5	17,0	19,0	Ø 1,0 - 2,0		10
18882NR01	29,5	17,0	19,0	Ø 2,0 - 3,0		10
18881NR01	29,5	17,0	19,0	Ø 3,0 - 4,0		10
18880NR01	29,5	17,0	19,0	Ø 4,0 - 5,0		10
18879NR01	29,5	17,0	19,0	Ø 5,0 - 6,0		10
18878NR01	29,5	17,0	19,0	Ø 6,0 - 7,0		10
18877NR01	29,5	17,0	19,0	Ø 7,0 - 8,0		10
18876NR01	29,5	17,0	19,0	Ø 8,0 - 9,0		10
18875NR01	29,5	17,0	19,0	Ø 9,0 - 10,0		10
18874NR01	29,5	17,0	19,0	Ø 10,0 - 11,0		10
18873NR01	29,5	17,0	19,0	Ø 11,0 - 12,0		10
18872NR01	29,5	17,0	19,0	Ø 12,0 - 13,0		10
18871NR01	29,5	17,0	19,0	Ø 13,0 - 14,0		10
18901NR01	29,5	17,0	19,0	Ø 14,0 - 15,0		10
18902NR01	29,5	17,0	19,0	Ø 15,0 - 16,0		10
18903NR01	29,5	17,0	19,0	Ø 16,0 - 17,0		10







new PRODUCT

IP54 RoHS COMPLIANT REACH

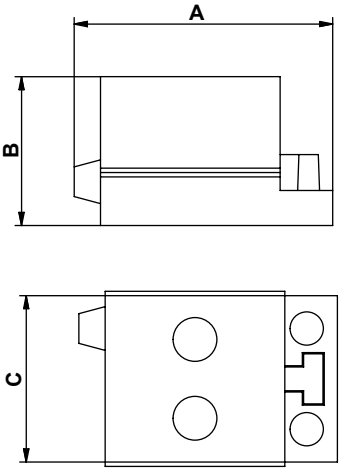
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +80° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Nur in Kombination mit dem Produkt 18837-18845AR01 / Only in combination with the product 18837-18845AR01

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18883PS11	29,5	17,0	19,0	Ø 1,0 - 2,0		10
18882PS11	29,5	17,0	19,0	Ø 2,0 - 3,0		10
18881PS11	29,5	17,0	19,0	Ø 3,0 - 4,0		10
18880PS11	29,5	17,0	19,0	Ø 4,0 - 5,0		10
18879PS11	29,5	17,0	19,0	Ø 5,0 - 6,0		10
18878PS11	29,5	17,0	19,0	Ø 6,0 - 7,0		10
18877PS11	29,5	17,0	19,0	Ø 7,0 - 8,0		10
18876PS11	29,5	17,0	19,0	Ø 8,0 - 9,0		10
18875PS11	29,5	17,0	19,0	Ø 9,0 - 10,0		10
18874PS11	29,5	17,0	19,0	Ø 10,0 - 11,0		10
18873PS11	29,5	17,0	19,0	Ø 11,0 - 12,0		10
18872PS11	29,5	17,0	19,0	Ø 12,0 - 13,0		10
18871PS11	29,5	17,0	19,0	Ø 13,0 - 14,0		10
18901PS11	29,5	17,0	19,0	Ø 14,0 - 15,0		10
18902PS11	29,5	17,0	19,0	Ø 15,0 - 16,0		10
18903PS11	29,5	17,0	19,0	Ø 16,0 - 17,0		10

MEHRFACH-DICHTUNGSEINSÄTZE
MULTI HOLE SEALING GROMMET





- **Material: see Tabelle** / *Material: see Table*
- **Temperaturbereich** / *Working temperature*
  18XXXNR01: **-40°C ~ +125° C**
  18XXXPS11: **-40°C ~ +80° C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit: siehe Tabelle**/ *UL Flammability: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Nur in Kombination mit dem Produkt 18837-18845AR01 / Only in combination with the product 18837-18845AR01

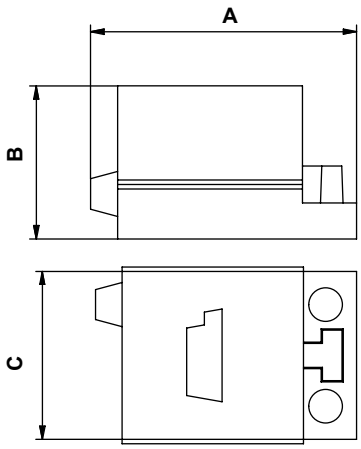
ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Farbe *Colour*	Material *Material*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18884NR01	29,5	17,0	19,0	2 x Ø 4,0 - 5,0	**Schwarz** / Black	**NBR**		10
18885NR01	29,5	17,0	19,0	2 x Ø 5,0 - 6,0	**Schwarz** / Black	**NBR**		10
18886NR01	29,5	17,0	19,0	4 x Ø 2,0 - 3,0	**Schwarz** / Black	**NBR**		10
18887NR01	29,5	17,0	19,0	4 x Ø 3,0 - 4,0	**Schwarz** / Black	**NBR**		10
18894NR01	29,5	17,0	19,0	2 x Ø 6,0 - 7,0	**Schwarz** / Black	**NBR**		10
18895NR01	29,5	17,0	19,0	2 x Ø 7,0 - 8,0	**Schwarz** / Black	**NBR**		10
18896NR01	29,5	17,0	19,0	4 x Ø 4,0 - 5,0	**Schwarz** / Black	**NBR**		10
18897NR01	29,5	17,0	19,0	4 x Ø 5,0 - 6,0	**Schwarz** / Black	**NBR**		10
18898NR01	29,5	17,0	19,0	2 x Ø 2,0 - 3,0	**Schwarz** / Black	**NBR**		10
18899NR01	29,5	17,0	19,0	2 x Ø 3,0 - 4,0	**Schwarz** / Black	**NBR**		10
18900NR01	29,5	17,0	19,0	2 x Ø 8,0 - 9,0	**Schwarz** / Black	**NBR**		10
18884PS11	29,5	17,0	19,0	2 x Ø 4,0 - 5,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10
18885PS11	29,5	17,0	19,0	2 x Ø 5,0 - 6,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10
18886PS11	29,5	17,0	19,0	4 x Ø 2,0 - 3,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10
18887PS11	29,5	17,0	19,0	4 x Ø 3,0 - 4,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10
18894PS11	29,5	17,0	19,0	2 x Ø 6,0 - 7,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10
18895PS11	29,5	17,0	19,0	2 x Ø 7,0 - 8,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10
18896PS11	29,5	17,0	19,0	4 x Ø 4,0 - 5,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10
18897PS11	29,5	17,0	19,0	4 x Ø 5,0 - 6,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10
18898PS11	29,5	17,0	19,0	2 x Ø 2,0 - 3,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10
18899PS11	29,5	17,0	19,0	2 x Ø 3,0 - 4,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10
18900PS11	29,5	17,0	19,0	2 x Ø 8,0 - 9,0	**Grau** / Gray	**TPE**	**V0 (UL94)**	10

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GETEILTE- ASI KABEL DICHTUNGSEINSÄTZE
SPLITTET ASI CABLE SEALING GROMMET







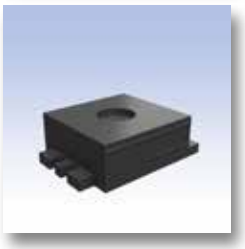
- **Material: see Tabelle** / *Material: seeTable*
- **Temperaturbereich** / *Working temperature:*
  NBR: -40°C ~ +125° C
  TPE: -40°C ~ +80° C
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

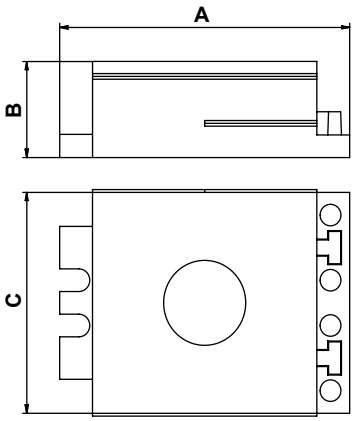
Nur in Kombination mit dem Produkt 18837-18845AR01 / Only in combination with the product 18837-18845AR01

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
NBR - SCHWARZ / *NBR - BLACK*						
18888NR01	29,5	17,0	19,0	1 x ASI - Interface cable: R		10
18889NR01	29,5	17,0	19,0	2 x ASI - Interface cable: RR		10
18890NR01	29,5	17,0	19,0	2 x ASI - Interface cable: LR		10
18892NR01	29,5	17,0	19,0	1 x ASI - Interface cable: L		10
18893NR01	29,5	17,0	19,0	2 x ASI - Interface cable: LL		10
TPE - GRAU / *TPE - GRAY*						
18888PS11	29,5	17,0	19,0	1 x ASI - Interface cable: R	V0 (UL94)	10
18889PS11	29,5	17,0	19,0	2 x ASI - Interface cable: RR	V0 (UL94)	10
18890PS11	29,5	17,0	19,0	2 x ASI - Interface cable: LR	V0 (UL94)	10
18892PS11	29,5	17,0	19,0	1 x ASI - Interface cable: L	V0 (UL94)	10
18893PS11	29,5	17,0	19,0	2 x ASI - Interface cable: LL	V0 (UL94)	10

GROßE DICHTUNGSEINSÄTZE
BIG SEALING GROMMET







- **Material: NBR** / *Material: NBR*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +125° C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

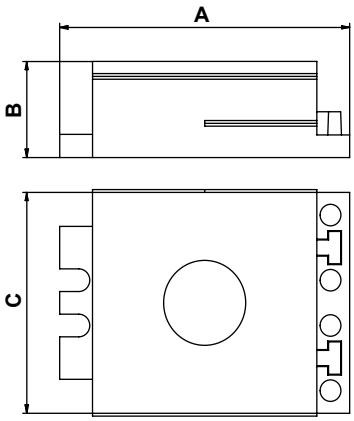
Nur in Kombination mit dem Produkt 18837-18845AR01 / Only in combination with the product 18837-18845AR01

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18904NR01	53,0	17,0	39,0	Ø 14,0 - 15,0		10
18905NR01	53,0	17,0	39,0	Ø 15,0 - 16,0		10
18906NR01	53,0	17,0	39,0	Ø 16,0 - 17,0		10
18907NR01	53,0	17,0	39,0	Ø 17,0 - 18,0		10
18908NR01	53,0	17,0	39,0	Ø 18,0 - 19,0		10
18909NR01	53,0	17,0	39,0	Ø 19,0 - 20,0		10
18910NR01	53,0	17,0	39,0	Ø 20,0 - 21,0		10
18911NR01	53,0	17,0	39,0	Ø 21,0 - 22,0		10
18912NR01	53,0	17,0	39,0	Ø 22,0 - 23,0		10
18913NR01	53,0	17,0	39,0	Ø 23,0 - 24,0		10
18914NR01	53,0	17,0	39,0	Ø 24,0 - 25,0		10
18915NR01	53,0	17,0	39,0	Ø 25,0 - 26,0		10
18916NR01	53,0	17,0	39,0	Ø 26,0 - 27,0		10
18917NR01	53,0	17,0	39,0	Ø 27,0 - 28,0		10
18918NR01	53,0	17,0	39,0	Ø 28,0 - 29,0		10
18919NR01	53,0	17,0	39,0	Ø 29,0 - 30,0		10
18920NR01	53,0	17,0	39,0	Ø 30,0 - 31,0		10
18921NR01	53,0	17,0	39,0	Ø 31,0 - 32,0		10
18922NR01	53,0	17,0	39,0	Ø 32,0 - 33,0		10

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new PRODUCT

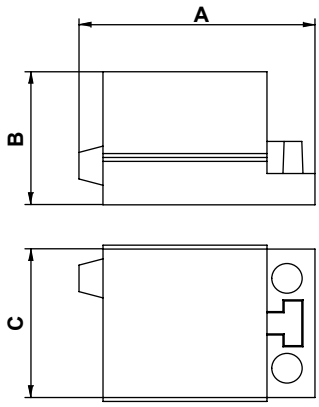
IP54 RoHS COMPLIANT REACH

- **Material: TPE /** *Material: TPE*
- **Temperaturbereich /** *Working temperature* **-40°C ~ +80° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm /** *All dimensions are in mm*

Nur in Kombination mit dem Produkt 18837-18845AR01 / Only in combination with the product 18837-18845AR01

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18904PS11	53,0	17,0	39,0	Ø 14,0 - 15,0		10
18905PS11	53,0	17,0	39,0	Ø 15,0 - 16,0		10
18906PS11	53,0	17,0	39,0	Ø 16,0 - 17,0		10
18907PS11	53,0	17,0	39,0	Ø 17,0 - 18,0		10
18908PS11	53,0	17,0	39,0	Ø 18,0 - 19,0		10
18909PS11	53,0	17,0	39,0	Ø 19,0 - 20,0		10
18910PS11	53,0	17,0	39,0	Ø 20,0 - 21,0		10
18911PS11	53,0	17,0	39,0	Ø 21,0 - 22,0		10
18912PS11	53,0	17,0	39,0	Ø 22,0 - 23,0		10
18913PS11	53,0	17,0	39,0	Ø 23,0 - 24,0		10
18914PS11	53,0	17,0	39,0	Ø 24,0 - 25,0		10
18915PS11	53,0	17,0	39,0	Ø 25,0 - 26,0		10
18916PS11	53,0	17,0	39,0	Ø 26,0 - 27,0		10
18917PS11	53,0	17,0	39,0	Ø 27,0 - 28,0		10
18918PS11	53,0	17,0	39,0	Ø 28,0 - 29,0		10
18919PS11	53,0	17,0	39,0	Ø 29,0 - 30,0		10
18920PS11	53,0	17,0	39,0	Ø 30,0 - 31,0		10
18921PS11	53,0	17,0	39,0	Ø 31,0 - 32,0		10
18922PS11	53,0	17,0	39,0	Ø 32,0 - 33,0		10



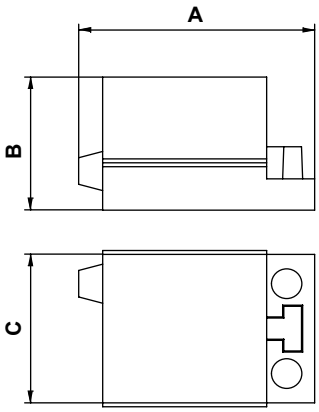


- **Material: NBR** / *Material: NBR*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +125° C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Nur in Kombination mit dem Produkt 18837-18845AR01 / Only in combination with the product 18837-18845AR01

ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18891NR01	29,5	17,0	19,0		10



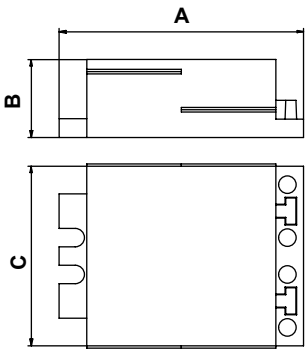


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +80° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Nur in Kombination mit dem Produkt 18837-18845AR01 / Only in combination with the product 18837-18845AR01

ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18891PS11	29,5	17,0	19,0		10



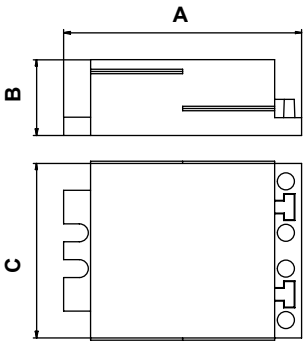


- **Material: NBR** / *Material: NBR*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +125° C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Nur in Kombination mit dem Produkt 18837-18845AR01 / Only in combination with the product 18837-18845AR01

ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18923NR01	53,0	17,0	39,0		10



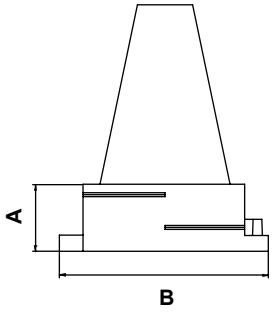


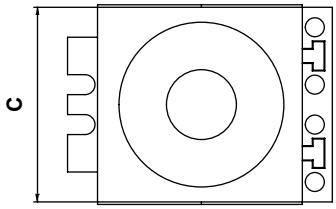
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +80° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Nur in Kombination mit dem Produkt 18837-18845AR01 / Only in combination with the product 18837-18845AR01

ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18923PS11	53,0	17,0	39,0		10



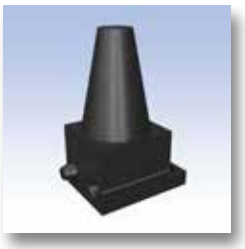


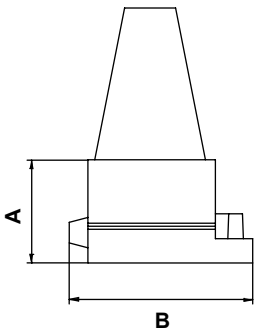


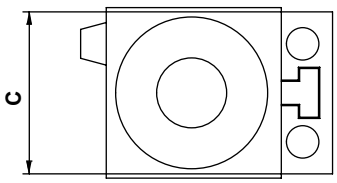
- **Material: NBR** / *Material: NBR*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +125° C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Nur in Kombination mit dem Produkt 18837-18845AR01 und 18862-18864NR01 /
Only in combination with the product 18837-18845AR01 and 18862-18864NR01

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18869NR01	17,0	53,0	39,0	Ø 7,0 - 24,0		10





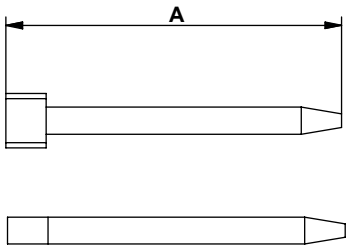


- **Material: NBR** / *Material: NBR*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +125° C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Nur in Kombination mit dem Produkt 18837-18845AR01 und 18862-18864NR01 /
Only in combination with the product 18837-18845AR01 and 18862-18864NR01

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18870NR01	17,0	29,5	19,0	Ø 2,0 - 11,0		10

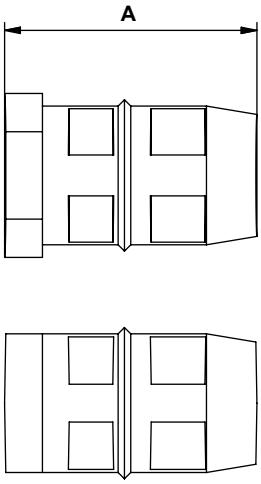




- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature* **-20°C ~ +80° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	Bohrung *Hole*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18846AR01	25,0	Ø 2,0		25
18853AR01	25,0	Ø 3,0		25
18854AR01	25,0	Ø 4,0		25
18855AR01	25,0	Ø 5,0		25



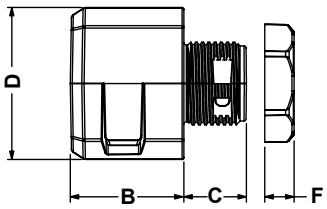


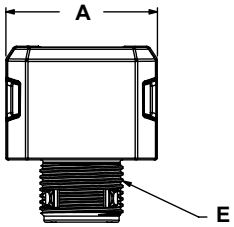
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature* **-20°C ~ +80° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

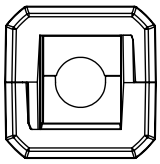
ARTIKEL *P/N*	A	Bohrung *Hole*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18856AR01	25,0	Ø 6,0		25
18857AR01	25,0	Ø 7,0		25
18858AR01	20,0	Ø 8,0		25
18859AR01	20,0	Ø 9,0		25
18860AR01	20,0	Ø 10,0		25
18861AR01	20,0	Ø 11,0		25
18847AR01	20,0	Ø 12,0		25
18848AR01	20,0	Ø 13,0		25
18849AR01	20,0	Ø 14,0		25
18850AR01	20,0	Ø 15,0		25
18851AR01	20,0	Ø 16,0		25
18852AR01	20,0	Ø 17,0		25











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Dichtungseinsätze SPP / *COMPATIBLE INSERTS SPP*

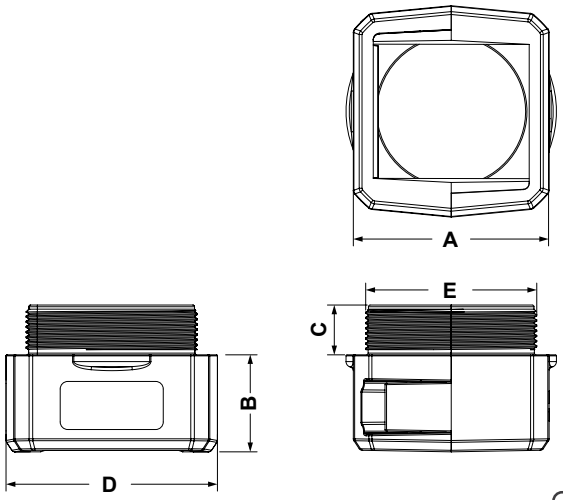


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
16443NA11	**16440NA01**	36,3	27,2	15,0	36,5	M20	7,0	10
16444NA11	**16441NA01**	36,3	27,2	15,0	36,5	M25	7,0	10
16445NA11	**16442NA01**	36,3	27,2	15,0	36,5	M32	7,0	10

GETEILTE KABELVERSCHRAUBUNG MIT GEGENMUTTER
SPLITTABLE CABLE GLAND AND LOCKNUT





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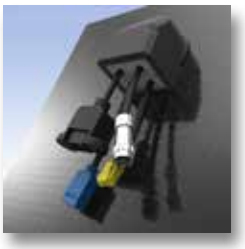
DICHTUNGSEINSÄTZE SPP-SPG /
COMPATIBLE INSERTS **SPP-SPG**



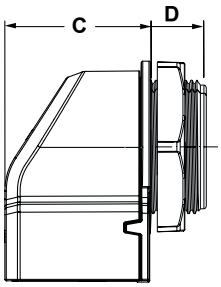
- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

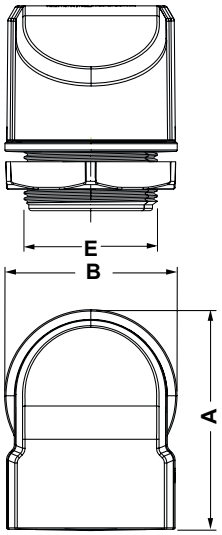
ARTIKEL *P/N*	Farbe *Colour*	A	B	C	D	E	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
16477NA01	**Schwarz** / *Black*	56,8	28,2	14,5	61,5	M50 x 1,5	Ø50,5	10
16477NA11	**Grau** / *Gray*	56,8	28,2	14,5	61,5	M50 x 1,5	Ø50,5	10

GETEILTE KABELVERSCHRAUBUNG 90° MIT GEGENMUTTER
SPLITTABLE CABLE GLAND AND LOCKNUT WITH 90° ENTRY









HALOGEN FREE

SILICONE FREE

UV ISO 4892-2A | RoHS COMPLIANT | IP54 | IK10 | cULus | ECOLAB | NEMA 12

Dichtungseinsätze / *COMPATIBLE INSERTS*



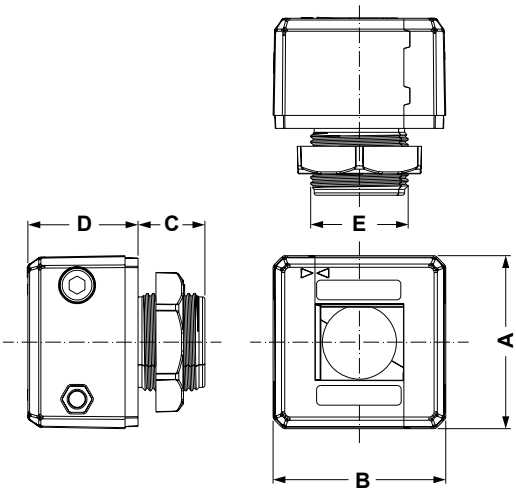
- **Material: PP+GF** / *Material: PP+GF*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Inklusive Kontermutter** / *Locknut included*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
16021AA01	79,0	62,0	52,6	14,5	M50	10

GETEILTE KABELVERSCHRAUBUNG MIT GEGENMUTTER
SPLITTABLE CABLE GLAND WITH LOCKNUT







DICHTUNGSEINSÄTZE SPP-SPG /
COMPATIBLE INSERTS **SPP-SPG**



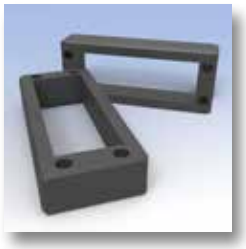
- **Material: PP+GF** / *Material: PP+GF*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

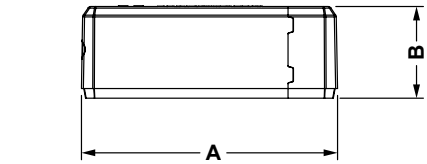
ARTIKEL *P/N*	A	B	C	D	Gewinde *Size*	Öffnung *Opening*	VPE-Stckz. *Moq-Pcs*
16018FG01	45,0	17,0	44,0	44,0	M25x1,5	Ø 25,5	10
16019FG01	45,0	17,0	44,0	44,0	M32x1,5	Ø 32,5	10
16020FG01	45,0	17,0	66,0	66,0	M63x1,5	Ø 63,5	10
					ATEX		
18995FG01	45,0	17,0	44,0	44,0	M25x1,5	Ø 25,5	1
18996FG01	45,0	17,0	44,0	44,0	M32x1,5	Ø 32,5	1
18997FG01	45,0	17,0	66,0	66,0	M63x1,5	Ø 63,5	1

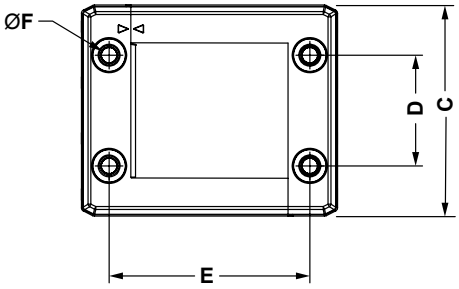
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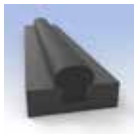
TEILBARER MONTAGE-UND AUFNAHMERAHMEN
SPLITTABLE MOUNTING FRAME











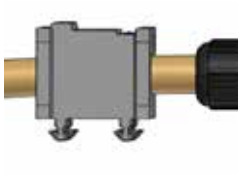
INTERIERTE GEHÄUSEDICHTUNG
INTEGRATING SEALING

new PRODUCT

HALOGEN FREE

SILICONE FREE

UV ISO 4892-2A | RoHS COMPLIANT | IP66 | IK10 | cULus | ECOLAB | NEMA 4X



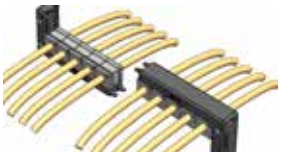
passende Dichtungseinsätze auswählen

splitted Sealing grommets



Positionierung der Einsätze durch Eindrücken

Position the sealing by push down



Aufnahmerahmen schließen

Closing the frame



Montage des Rahmens

Monting the frame

Dichtungseinsätze / *COMPATIBLE INSERTS*



Auf Anfrage: Montageschrauben (2 Stück) aus V2A Edelstahl und Decomet Beschichtung Schwarz Artikel 16008MCXX
Upon request set of 2 mounting screws in AISI304 with Black Dacromet finishing 16008MCXX

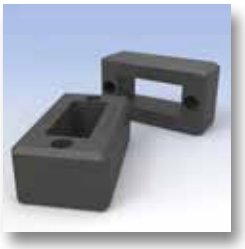
- **Material: PP+GF** / *Material: PP+GF*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +155° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

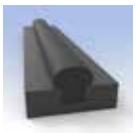
ARTIKEL *P/N*	A	B	C	D	E	ØF	Durchbruch *Cut out*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16004FG01	74,0	26,5	61,0	32,0	58,0	Ø 6,3	40,0 x 39,0		10
16005FG01	99,0	26,5	61,0	32,0	83,0	Ø 6,3	63,0 x 39,0		10
16006FG01	120,0	26,5	61,0	32,0	103,5	Ø 6,3	86,0 x 39,0		10
16007FG01	146,0	26,5	61,0	32,0	130,0	Ø 6,3	112,0 x 39,0		10

TEILBARER ATEX-MOUNTAGERAHMEN
SPLITTABLE MOUNTING FRAME

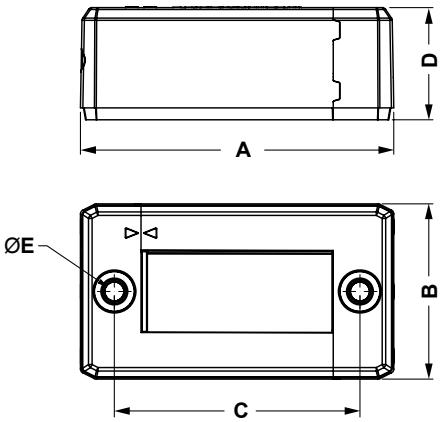
fastpoint







INTERIERTE GEHÄUSEDICHTUNG
INTEGRATING SEALING



new PRODUCT

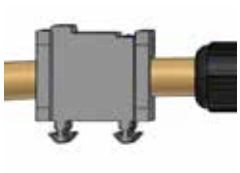
HALOGEN FREE

SILICONE FREE

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Dichtungseinsätze / *COMPATIBLE INSERTS*





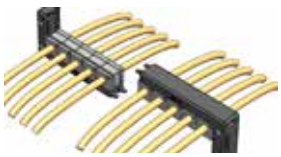
passende Dichtungseinsätze auswählen

splitted Sealing grommets



Positionierung der Einsätze durch Eindrücken

Position the sealing by push down



Aufnahmerahmen schließen

Closing the frame



Montage des Rahmens

Monting the frame

Auf Anfrage: Montageschrauben (2 Stück) aus V2A Edelstahl und Decomet Beschichtung Schwarz Artikel 16008MCXX
Upon request set of 2 mounting screws in AISI304 with Black Dacromet finishing 16008MCXX

- **Material: PP+GF** / *Material: PP+GF*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +155° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

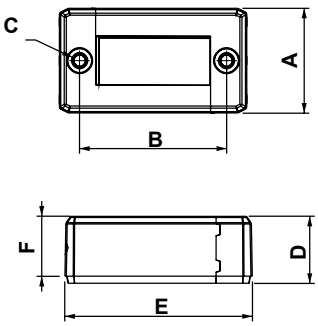
ARTIKEL *P/N*	A	B	C	D	E	Durchbruch *Cut out*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18934FG01	54,3	41,4	38,0	26,5	Ø5,5	21,0 x 18,0		10
16000FG01	74,0	41,4	58,0	26,5	Ø6,3	40,0 x 18,0	**NICHT UL** / NON UL	10
16001FG01	99,0	41,4	83,0	26,5	Ø6,3	63,0 x 18,0		10
16002FG01	120,0	41,4	103,0	26,5	Ø6,3	86,0 x 18,0		10
16003FG01	146,0	41,4	130,0	26,5	Ø6,3	112,0 x 18,0		10

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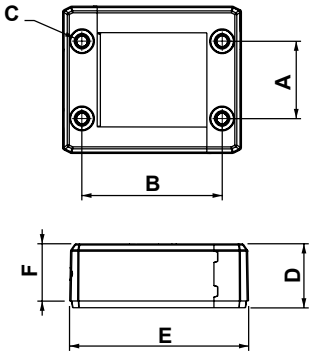




TYPE 1



TYPE 2

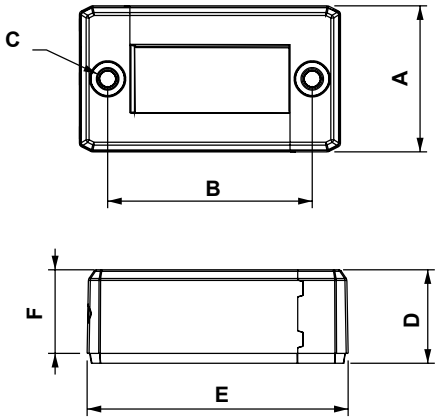


- **Material: PP+GF** / *Material: PP+GF*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
18987FG01	**1**	41,4	58,0	6,3 (2x)	26,5	74,0	23,7	40,0 x 18,0	1
18988FG01	**1**	41,4	83,0	6,3 (2x)	26,5	99,0	23,7	63,0 x 18,0	1
18989FG01	**1**	41,4	103,0	6,3 (2x)	26,5	120,0	23,7	86,0 x 18,0	1
18990FG01	**1**	41,4	130,0	6,3 (2x)	26,5	146,0	23,7	112,0 x 18,0	1
18991FG01	**2**	32,0	58,0	6,3 (4x)	26,5	74,0	23,7	40,0 x 39,0	1
18992FG01	**2**	32,0	83,0	6,3 (4x)	26,5	99,0	23,7	63,0 x 39,0	1
18993FG01	**2**	32,0	103,0	6,3 (4x)	26,5	120,0	23,7	86,0 x 39,0	1
18994FG01	**2**	32,0	130,0	6,3 (4x)	26,5	146,0	23,7	112,0 x 39,0	1

GETEILTE MONTAGE-AUFNAHMERAHMEN
SPLITTED FRAMES MOUNTING







Rückseite M4 Gewindeeinsätze / *Backside M4 thread insert*

Kann nur von der Rückseite mit einer Schraube M4 montiert werden / *Can only mounting from the backside with a M4 Screw*

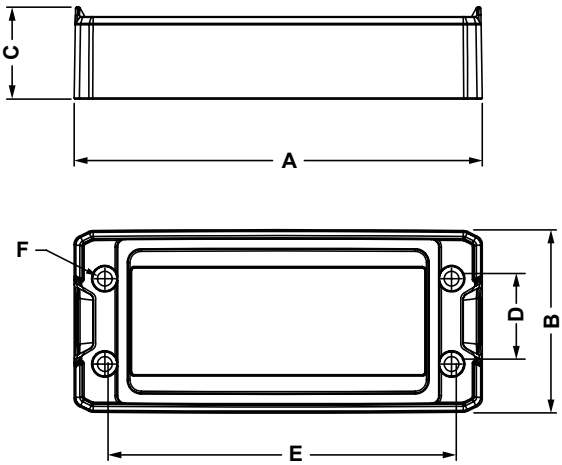
- **Material: PP+GF** / *Material: PP+GF*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
18998FG01	41,4	58,0	6,3 (2x)	26,5	74,0	23,7	40,0 x 18,0	10
18999FG01	41,4	83,0	6,3 (2x)	26,5	99,0	23,7	63,0 x 18,0	10
19000FG01	41,4	103,0	6,3 (2x)	26,5	120,0	23,7	86,0 x 18,0	10
19001FG01	41,4	130,0	6,3 (2x)	26,5	146,0	23,7	112,0 x 18,0	10

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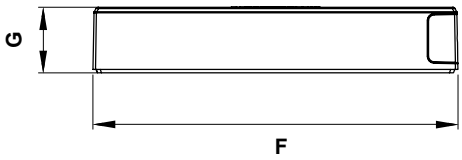


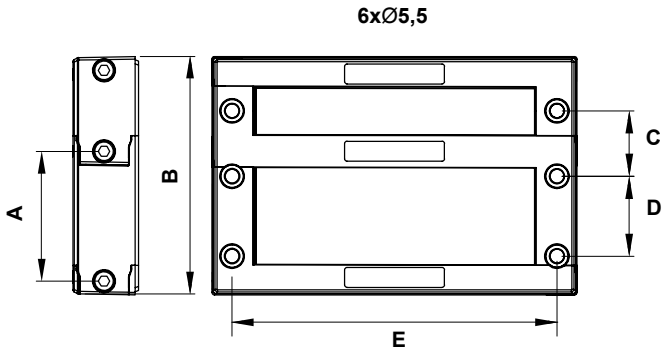


- **Material: PP+GF /** *Material: PP+GF*
- **Temperaturbereich /** *Working temperature* **-40°C ~ +155° C**
- **Entflammbarkeit** / UL Flammability**: V0 (UL94)**
- **Farbe: Schwarz** / *Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Durchbruch *Cut out*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16010FG01	81,1	68,7	34,5	32,0	58,0	Ø5,5 (4x)	40,0 x 39,0		10
16011FG01	106,1	68,7	34,5	32,0	83,0	Ø5,5 (4x)	63,0 x 39,0		10
16012FG01	127,1	68,7	34,5	32,0	103,0	Ø5,5 (4x)	86,0 X 39,0		10
16013FG01	153,1	68,7	34,5	32,1	130,5	Ø5,5 (4x)	112,0 X 39,0		10

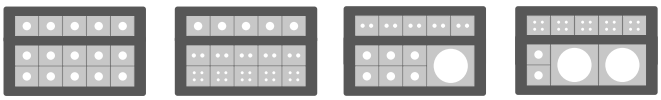






BESPIELE / *EXAMPLES*

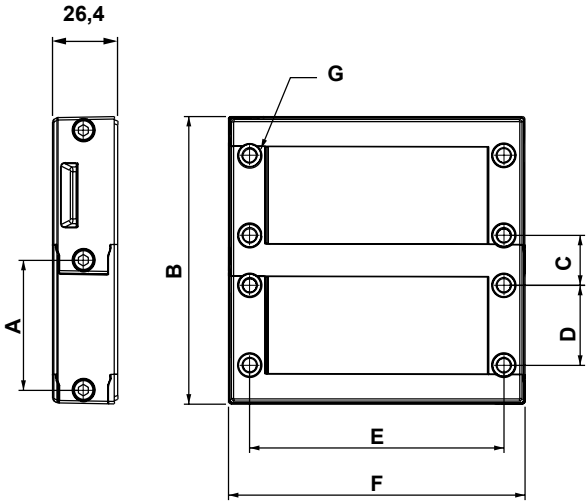
DICHTUNGSEINSÄTZE SPP-SPG / *COMPATIBLE INSERTS* **SPP-SPG**



- **Material: PP+GF** / *Material: PP+GF*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

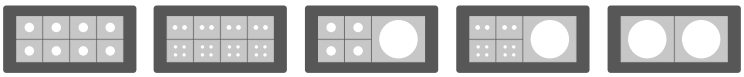
ARTIKEL *P/N*	A	B	C	D	E	F	G	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
18935FG01	52,0	95,0	26,0	32,0	130,0	146,0	26,0	114,0 x 72,0	10







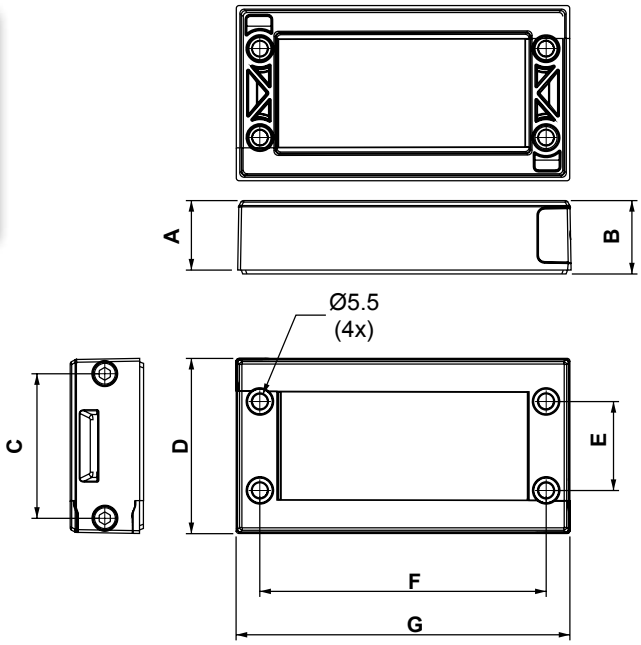
DICHTUNGSEINSÄTZE SPP-SPG /
COMPATIBLE INSERTS **SPP-SPG**



- **Material: PP+GF /** *Material: PP+GF*
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** */ UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz /** *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
18943FG01	52,0	115,0	20,0	32,0	103,0	120,0	5,5(8x)	82,0 x 92,0	1
18944FG01	52,0	167,0	20,0	32,0	103,0	120,0	5,5(12x)	86,0 x 144,0	1
18945FG01	52,0	219,0	20,0	32,0	103,0	120,0	5,5(16x)	86,0 x 196,0	1





new PRODUCT

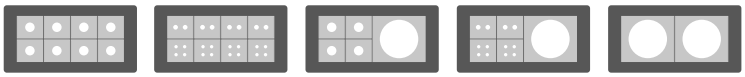
HALOGEN FREE

SILICONE FREE



UV ISO 4892-2A · RoHS COMPLIANT · NEMA 12 · IP54 · c UL us · ECOLAB · IK10 · HL3 EN 45545-2

DICHTUNGSEINSÄTZE SPP-SPG /
COMPATIBLE INSERTS **SPP-SPG**



- **Material: PP+GF** / *Material: PP+GF*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
18936FG01	25,0	26,4	52,0	63,0	32,0	103,0	120,0	86,0 x 40,0	10

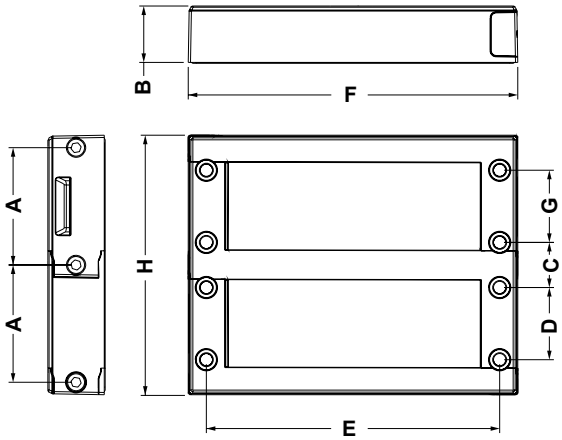
GETEILTER AUFNAHMERAHMEN FÜR VORK. KABEL
SPLITTABLE FRAME FOR PRE-TERMINATED CABLES







MODULAR
MODULAR FRAME



DICHTUNGSEINSÄTZE SPP-SPG
/ COMPATIBLE INSERTS **SPP-SPG**

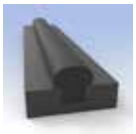


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- **Farbe: Schwarz** / *Colour: Black*
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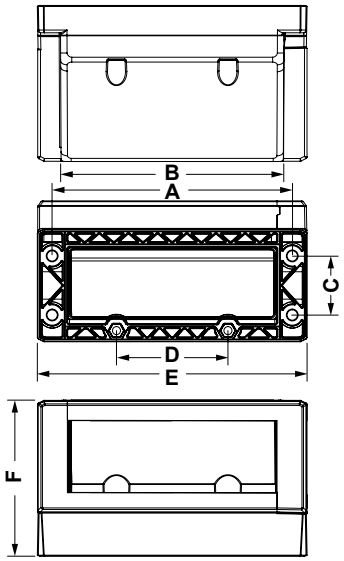
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
16476FG01	52,0	25,0	-	32,0	130,0	146,0	-	63,0	114,0 x 40,0	1
17859FG01	52,0	25,0	20,0	32,0	130,0	146,0	32,0	114,0	114,0 x 92,0	1
17860FG01	52,0	25,0	20,0	32,0	130,0	146,0	32,0	166,0	114,0 x 144,0	1
17861FG01	52,0	25,0	20,0	32,0	130,0	146,0	32,0	218,0	114,0 x 196,0	1
17862FG01	52,0	25,0	20,0	32,0	130,0	146,0	32,0	270,0	114,0 x 248,0	1
18938FG01	52,0	25,0	20,0	32,0	130,0	146,0	32,0	322,0	114,0 x 300,0	1
18939FG01	52,0	25,0	20,0	32,0	130,0	146,0	32,0	374,0	114,0 x 352,0	1
18940FG01	52,0	25,0	20,0	32,0	130,0	146,0	32,0	426,0	114,0 x 404,0	1
18941FG01	52,0	25,0	20,0	32,0	130,0	146,0	32,0	478,0	114,0 X 456,0	1
18942FG01	52,0	25,0	20,0	32,0	130,0	146,0	32,0	530,0	114,0 X 508,0	1
18937FG01	52,0	25,0	20,0	32,0	130,0	146,0	32,0	582,0	114,0 X 560,0	1

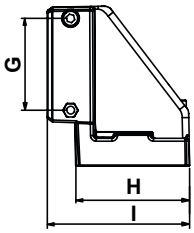
TEILBARER MONTAGE- UND AUFNAHMERAHMEN 90°
SPLITTABLE MOUNTING FRAME 90°





INTERIERTE GEHÄUSEDICHTUNG
INTEGRATING SEALING





HALOGEN FREE

SILICONE FREE

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Dichtungseinsätze / *COMPATIBLE INSERTS*



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Upon request set of 2 mounting screws in AISI304 with Black Dacromet finishing 16008MCXX

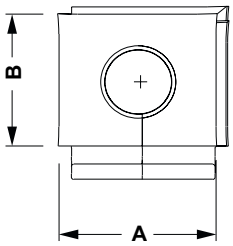
- **Material: PP+GF** / *Material: PP+GF*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +155° C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
16448FG01	130,0	120,8	32,0	60,4	146,0	84,5	48,5	61,0	76,3	112,0 x 39,0	10

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GETEILTE DICHTUNGSEINSÄTZE SPP
SPLITTED SEALING INSERTS SPP



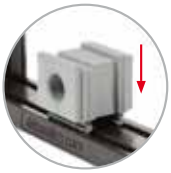


HALOGEN FREE

SILICONE FREE



Geteilte Dichtungseinsätze
Splitted Sealing inserts



Einfache Platzierung der Dichtungseinsätze im Rahmen
simple Positioning the Sealing inserts

c UL us | UV ISO 4892-2A | RoHS COMPLIANT | NEMA 4X | ECOLAB | IP66

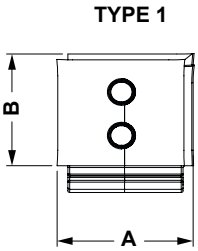
- **Material: TPE** / *Material: TPE*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

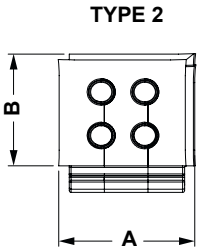
ATEX-Versionen auf Anfrage / *ATEX versions on request*

ARTIKEL *P/N* **Grau** / *Gray*	ARTIKEL *P/N* **Schwarz** / *Black*	A	B	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16050PS11	**16102PS01**	23,8	20,0	-		10
16051PS11	**16103PS01**	23,8	20,0	2,0 - 3,0		10
16052PS11	**16104PS01**	23,8	20,0	3,0 - 4,0		10
16053PS11	**16105PS01**	23,8	20,0	4,0 - 5,0		10
16054PS11	**16106PS01**	23,8	20,0	5,0 - 6,0		10
16055PS11	**16107PS01**	23,8	20,0	6,0 - 7,0		10
16056PS11	**16108PS01**	23,8	20,0	7,0 - 8,0		10
16057PS11	**16109PS01**	23,8	20,0	8,0 - 9,0		10
16058PS11	**16110PS01**	23,8	20,0	9,0 - 10,0		10
16059PS11	**16111PS01**	23,8	20,0	10,0 - 11,0		10
16060PS11	**16112PS01**	23,8	20,0	11,0 - 12,0		10
16061PS11	**16113PS01**	23,8	20,0	12,0 - 13,0		10
16062PS11	**16114PS01**	23,8	20,0	13,0 - 14,0		10
16063PS11	**16115PS01**	23,8	20,0	14,0 - 15,0		10
16064PS11	**16116PS01**	23,8	20,0	15,0 - 16,0		10
16065PS11	**16117PS01**	23,8	20,0	16,0 - 17,0		10

GETEILTE MEHRFACH DICHTUNGSEINSÄTZE SPP
SPLITTED MULTI HOLE SEALING INSERTS SPP

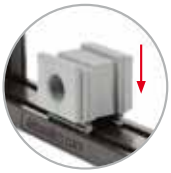








Geteilte Dichtungseinsätze
Splitted Sealing inserts



Einfache Platzierung der Dichtungseinsätze im Rahmen
simple Positioning the Sealing inserts

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ATEX-Versionen auf Anfrage / *ATEX versions on request*

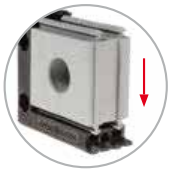
ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	TYPE	A	B	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16071PS11	**16124PS01**	1	23,8	20,0	2 x 2,0		10
16072PS11	**16125PS01**	1	23,8	20,0	2 x 3,0		10
16073PS11	**16126PS01**	1	23,8	20,0	2 x 4,0		10
16074PS11	**16127PS01**	1	23,8	20,0	2 x 5,0		10
16075PS11	**16128PS01**	1	23,8	20,0	2 x 6,0		10
16076PS11	**16129PS01**	1	23,8	20,0	2 x 7,0		10
16077PS11	**16130PS01**	1	23,8	20,0	2 x 8,0		10
16078PS11	**16131PS01**	2	23,8	20,0	4 x 2,0		10
16079PS11	**16132PS01**	2	23,8	20,0	4 x 3,0		10
16080PS11	**16133PS01**	2	23,8	20,0	4 x 4,0		10
16081PS11	**16134PS01**	2	23,8	20,0	4 x 5,0		10
16082PS11	**16135PS01**	2	23,8	20,0	4 x 6,0		10

GROSSE GETEILTE DICHTUNSGEINSÄTZE SPP
SPG INSERT - LARGE SPP

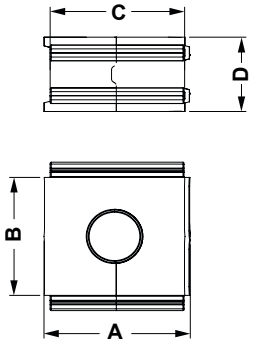




Geteilte Dichtungseinsätze
Splitted Sealing inserts



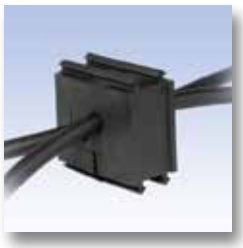
Einfache Platzierung der Dichtungseinsätze im Rahmen
simple Positioning the Sealing inserts

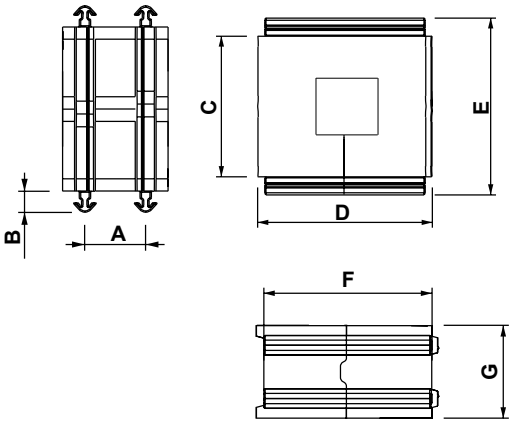


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16083PS11	**16136PS01**	49,0	39,7	45,2	25,0	-		10
16084PS11	**16137PS01**	49,0	39,7	45,2	25,0	17,0 - 18,0		10
16085PS11	**16138PS01**	49,0	39,7	45,2	25,0	18,0 - 19,0		10
16086PS11	**16139PS01**	49,0	39,7	45,2	25,0	19,0 - 20,0		10
16087PS11	**16140PS01**	49,0	39,7	45,2	25,0	20,0 - 21,0		10
16088PS11	**16141PS01**	49,0	39,7	45,2	25,0	21,0 - 22,0		10
16089PS11	**16142PS01**	49,0	39,7	45,2	25,0	22,0 - 23,0		10
16090PS11	**16143PS01**	49,0	39,7	45,2	25,0	23,0 - 24,0		10
16091PS11	**16144PS01**	49,0	39,7	45,2	25,0	24,0 - 25,0		10
16092PS11	**16145PS01**	49,0	39,7	45,2	25,0	25,0 - 26,0		10
16093PS11	**16146PS01**	49,0	39,7	45,2	25,0	26,0 - 27,0		10
16094PS11	**16147PS01**	49,0	39,7	45,2	25,0	27,0 - 28,0		10
16095PS11	**16148PS01**	49,0	39,7	45,2	25,0	28,0 - 29,0		10
16096PS11	**16149PS01**	49,0	39,7	45,2	25,0	29,0 - 30,0		10
16097PS11	**16150PS01**	49,0	39,7	45,2	25,0	30,0 - 31,0		10
16098PS11	**16151PS01**	49,0	39,7	45,2	25,0	31,0 - 32,0		10
16099PS11	**16152PS01**	49,0	39,7	45,2	25,0	32,0 - 33,0		10
16100PS11	**16153PS01**	49,0	39,7	45,2	25,0	33,0 - 34,0		10
16101PS11	**16154PS01**	49,0	39,7	45,2	25,0	34,0 - 35,0		10



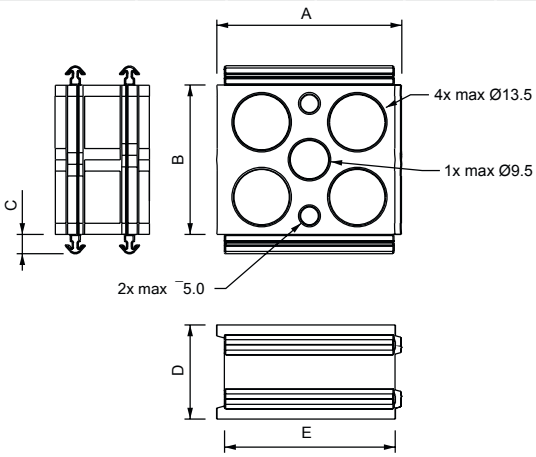




- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	F	G	VPE-Stckz. *Moq-Pcs*
18957PS11	**18958PS01**	14,4	5,1	39,7	49,0	50,0	45,2	25,0	10

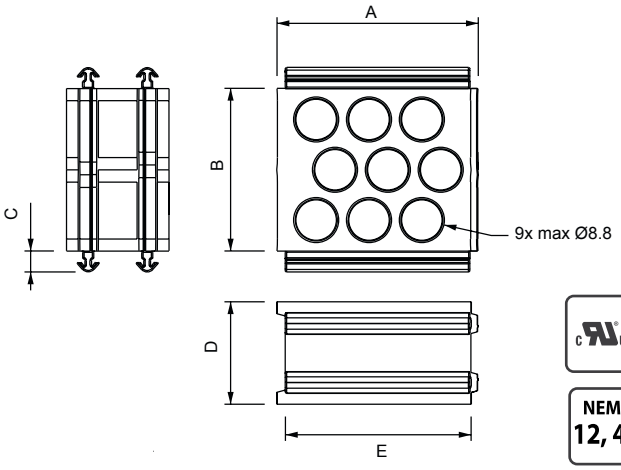




- **Material: TPE** / *Material: TPE*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18382PS11	**18382PS01**	49,0	39,7	5,1	25,0	45,0	1x max. Ø9,5	10



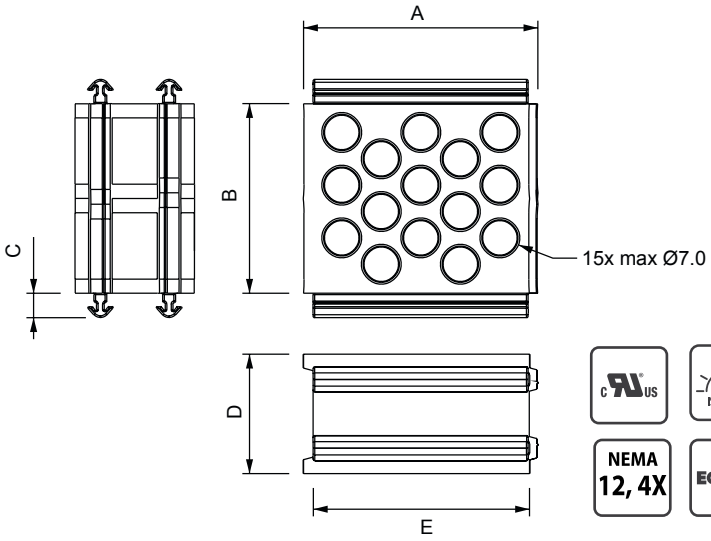


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- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18383PS11	**18383PS01**	49,0	39,7	5,1	25,0	45,0	1x max. Ø9,5	10





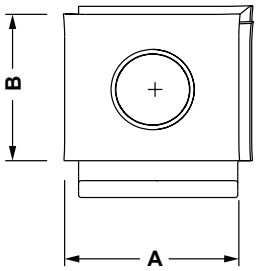
HALOGEN FREE · SILICONE FREE · cULus · UV ISO 4892-2A · RoHS COMPLIANT · NEMA 12, 4X · ECOLAB · IP66

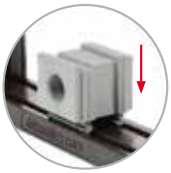
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18384PS11	**18384PS01**	49,0	39,7	5,1	25,0	45,0	15x max. Ø7,0	10

DICHTUNSGEINSATZ SPP
SEALING GROMMETS SPP







Einfache Platzierung der Dichtungseinsätze im Rahmen
simple Positioning the Sealing inserts

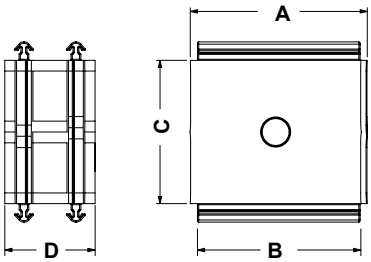
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ATEX-Versionen auf Anfrage / *ATEX versions on request*

ARTIKEL *P/N* **Grau** / *Gray*	ARTIKEL *P/N* **Schwarz** / *Black*	A	B	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16066PS11	**16118PS01**	23,8	20,0	-	**Blindabdeckung** / without hole	10
16067PS11	**16119PS01**	23,8	20,0	2,5 - 7,0		10
16068PS11	**16120PS01**	23,8	20,0	5,0 - 10,0		10
16069PS11	**16122PS01**	23,8	20,0	7,5 - 11,5		10
16070PS11	**16123PS01**	23,8	20,0	10,0 - 14,0		10
18956PS11	**18965PS01**	23,8	20,0	10,0 - 14,0		10

DICHTUNSGEINSATZ SPP
INSERTS WITH EXTENDED RANGE - NON SPLIT SPP



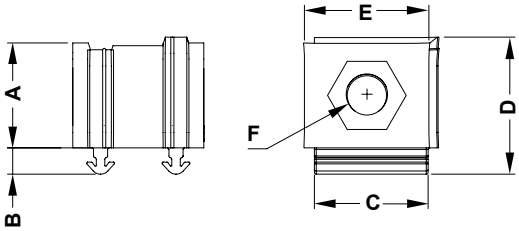


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* Grau / *Gray*	ARTIKEL *P/N* Schwarz / *Black*	A	B	C	D	E	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
13562PS11	**13562PS01**	49,0	45,2	39,7	25,0	5,1	Max. 32 mm	10
18959PS11	**18962PS01**	49,0	45,2	39,7	25,0	5,1	16,0 - 22,0	10
18960PS11	**18963PS01**	49,0	45,2	39,7	25,0	5,1	23,0 - 26,0	10
18961PS11	**18964PS01**	49,0	45,2	39,7	25,0	5,1	26,0 - 30,0	10

DICHTUNSGEINSÄTZE MIT GEWINDEEINSATZ SPP
SEALING GROMMET WITH THREAD INSERT SPP

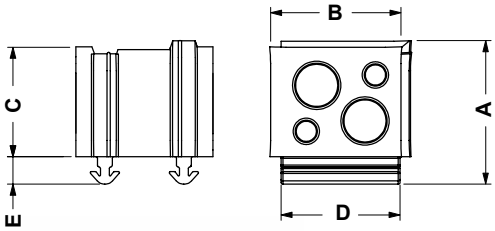




- **Material: TPE** / *Material: TPE*
- **Material Einsatz: Messing blank** / *Material: Brass w/o surface*
- **Farbe: Grau** / *Colour: Gray*
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
17542PS11	20,0	5,0	21,7	26,2	23,8	M8x0,5		10
18954PS11	20,0	5,0	21,7	26,2	23,8	M12x1,0		10
18955PS11	20,0	5,0	21,7	26,2	23,8	M16x1,5		1







DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

- **Material: TPE** / *Material: TPE*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

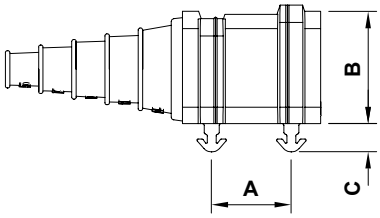
ARTIKEL *P/N*	A	B	C	D	E	Farbe *Colour*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
16163PS11	26,2	23,8	20,0	21,7	5,0	**Grau** / *Gray*	4 x max. Ø6,0	10
16163PS01	26,2	23,8	20,0	21,7	5,0	**Schwarz** / Black	4 x max. Ø6,0	10
16164PS11	26,2	23,8	20,0	21,7	5,0	**Grau** / *Gray*	2 x max. Ø4,0 / 2 x max. Ø8,0	10
16164PS01	26,2	23,8	20,0	21,7	5,0	**Schwarz** / Black	2 x max. Ø4,0 / 2 x max. Ø8,0	10

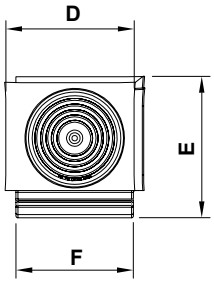
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KLEINER PYRAMIDENFÖRMIGER TÜLLENEINSATZ SPP
SMALL PYRAMIDAL GROMMET INSERT SPP





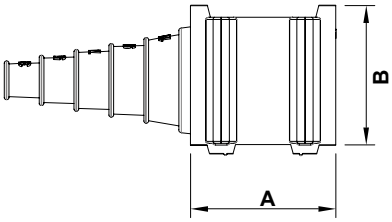


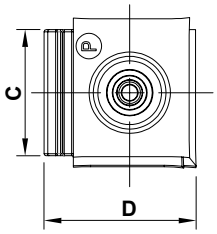


- **Material: TPE** / *Support Material: TPE*
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Farbe *Colour*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
18950PS11	14,4	20,0	5,0	23,8	26,2	21,7	**Grau** / *Gray*	2,0 - 14,0	10
18952PS01	14,4	20,0	5,0	23,8	26,2	21,7	**Schwarz** / Black	2,0 - 14,0	10

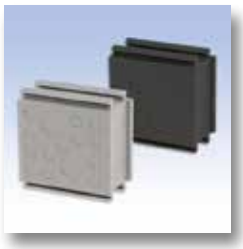




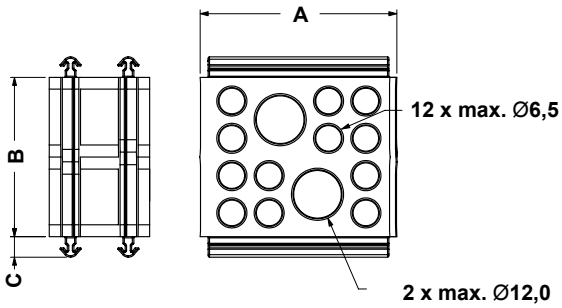


- **Material: TPE** / *Support Material: TPE*
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Farbe *Colour*	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18951PS11	25,0	23,9	21,7	26,2	**Grau** / *Gray*	3,0 - 14,0		10
18953PS01	25,0	23,9	21,7	26,2	**Schwarz** / Black	3,0 - 14,0		10







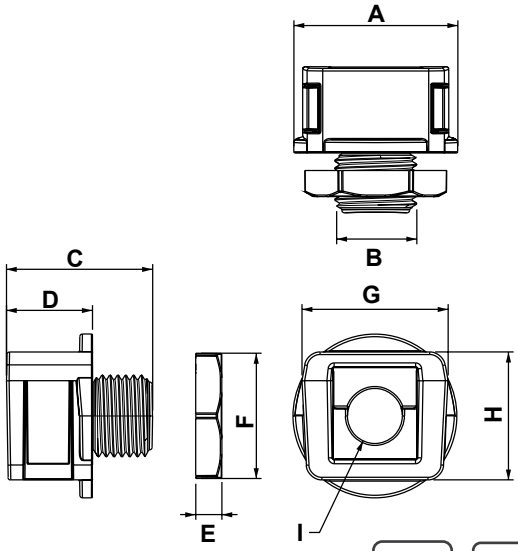


DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

- **Material: TPE** / *Material: TPE*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Farbe *Colour*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
14217PS11	49,0	39,7	5,1	25,0	**Grau** / *Gray*	2 x max. Ø 12,0 12 x max. Ø 6,5	10
14217PS01	49,0	39,7	5,1	25,0	**Schwarz** / Black	2 x max. Ø 12,0 12 x max. Ø 6,5	10





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Dichtungseinsätze (SPC)
COMPATIBLE INSERTS (SPC)



UV ISO 4892-2A | RoHS COMPLIANT | NEMA 12 | IP54

UL94-V0 | APPROVED | UL TYPE 12 | IK10 | c UL us

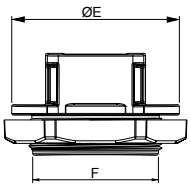
- **Material: Gehäuse PC/PA** / *Material: PC/PA*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +130°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

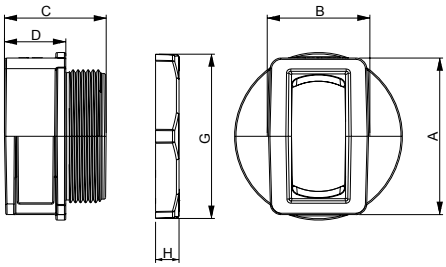
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
15939FG01	31,4	M16X1,5	28,0	16,5	5,0	24,0	28,0	24,5	10,5	**Schwarz /** Black	10
15939FG11	31,4	M16X1,5	28,0	16,5	5,0	24,0	28,0	24,5	10,5	**Grau /** Gray	10
15940FG01	31,4	M20X1,5	28,0	16,5	7,0	26,0	28,0	24,5	14,5	**Schwarz /** Black	10
15940FG11	31,4	M20X1,5	28,0	16,5	7,0	26,0	28,0	24,5	14,5	**Grau /** Gray	10
15941FG01	31,4	M25X1,5	28,0	16,5	7,0	32,0	28,0	24,5	-	**Schwarz/** Black	10
15941FG11	31,4	M25X1,5	28,0	16,5	7,0	32,0	28,0	24,5	-	**Grau /** Gray	10
15942FG01	38,6	M32X1,5	28,0	16,5	7,0	41,0	28,0	24,5	-	**Schwarz /** Black	10
15942FG11	38,6	M32X1,5	28,0	16,5	7,0	41,0	28,0	24,5	-	**Grau/** Gray	10

TEILBARE KABELVERSCHRAUBUNG
SPLITTABLE CABLE GLAND









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Dichtungseinsätze (SPC)
COMPATIBLE INSERTS (SPC)



UV ISO 4892-2A · RoHS COMPLIANT · NEMA 12 · IP54

UL94-V0 · APPROVED · UL TYPE 12 · IK10 · c UL us

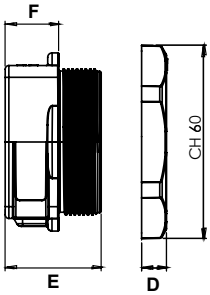
- **Material: PC/PA** / *Material: PC/PA*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +130°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

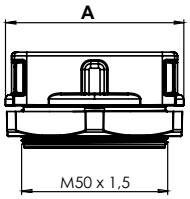
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
18082FG01	46,7	30,6	30,3	18,3	50,0	M40X1,5	49,0	7,0	**Schwarz** / Black	10
18082FG11	46,7	30,6	30,3	18,3	50,0	M40X1,5	49,0	7,0	**Grau** / Gray	10

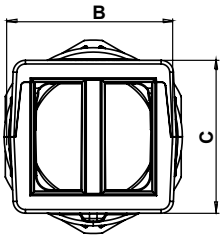
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TEILBARE KABELVERSCHRAUBUNG OSF 50
SPLITTABLE CABLE GLAND OSF 50











Dichtungseinsätze (SPC)
COMPATIBLE INSERTS (SPC)

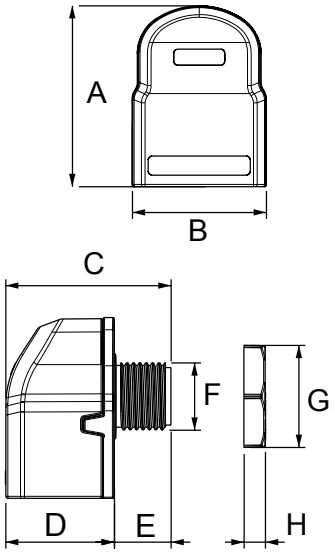


- **Material: PC/PA /** *Material: PC/PA*
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +130°C**
- **Entflammbarkeit /** *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle /** *Colour: see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Farbe *Colour*	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
18967FG11	60,8	56,6	52,2	8,5	32,8	18,3	**Grau /** Gray		10
18969FG01	60,8	56,6	52,2	8,5	32,8	18,3	**Schwarz /** Black		10

TEILBARE KABELVERSCHRAUBUNG 90°
SPLITTABLE CABLE GLAND 90°





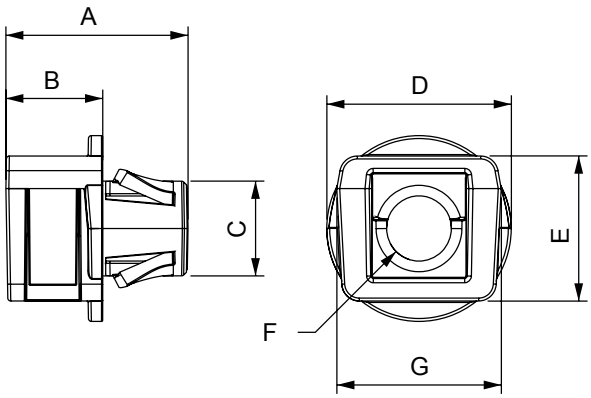
Dichtungseinsätze (SPC)
COMPATIBLE INSERTS (SPC)



- **Material: Gehäuse PC/PA** / *Material: PC/PA*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +130°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	C	B	D	E	F	G	H	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
15947FG01	42,4	38,8	31,5	25,5	13,3	M16X1,5	24,0	5,0	**Schwarz** / Black	10
15947FG11	42,4	38,8	31,5	25,5	13,3	M16X1,5	24,0	5,0	**Grau** / Gray	10
15948FG01	42,4	38,8	31,5	25,5	13,3	M20X1,5	26,0	7,0	**Schwarz** / Black	10
15948FG11	42,4	38,8	31,5	25,5	13,3	M20X1,5	26,0	7,0	**Grau** / Gray	10
15949FG01	42,4	38,8	31,5	25,5	13,3	M25X1,5	32,0	7,0	**Schwarz** / Black	10
15949FG11	42,4	38,8	31,5	25,5	13,3	M25X1,5	32,0	7,0	**Grau** / Gray	10
15950FG01	42,4	38,8	31,5	25,5	13,3	M32X1,5	41,0	7,0	**Schwarz** / Black	10
15950FG11	42,4	38,8	31,5	25,5	13,3	M32X1,5	41,0	7,0	**Grau** / Gray	10





Dichtungseinsätze (SPC)
COMPATIBLE INSERTS (SPC)



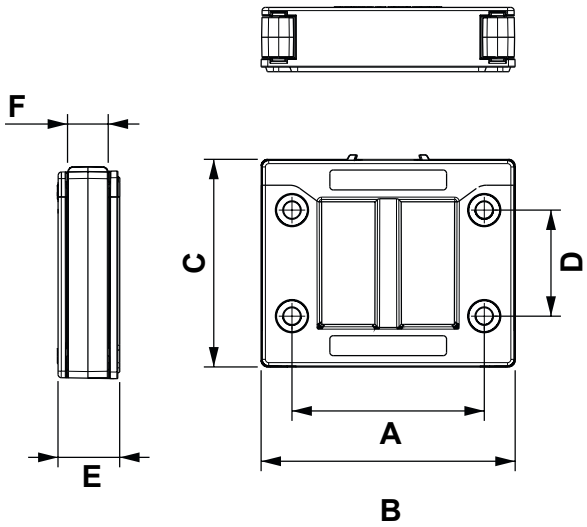
- **Material: PC/PA** / *Material: PC/PA*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +130°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
15943FG01	31,0	16,5	16,0	31,4	24,5	Ø11,0	24,0	**Schwarz** / Black	10
15943FG11	31,0	16,5	16,0	31,4	24,5	Ø11,0	24,0	**Grau** / Gray	10
15944FG01	31,0	16,5	20,0	31,4	24,5	Ø14,5	28,0	**Schwarz** / Black	10
15944FG11	31,0	16,5	20,0	31,4	24,5	Ø14,5	28,0	**Grau** / Gray	10
15945FG01	31,0	16,5	25,0	31,4	24,5	Ø19,0	28,0	**Schwarz** / Black	10
15945FG11	31,0	16,5	25,0	31,4	24,5	Ø19,0	28,0	**Grau** / Gray	10
15946FG01	31,0	16,5	32,0	38,6	24,5	-	28,0	**Schwarz** / Black	10
15946FG11	31,0	16,5	32,0	38,6	24,5	-	28,0	**Grau** / Gray	10





CLIP TEILBARE KABELVERSCHRAUBUNG
CLIP SPLITTABLE FRAME



Dichtungseinsätze (SPC-SPL)
*COMPATIBLE INSERTS (SPC-**SPL**)*



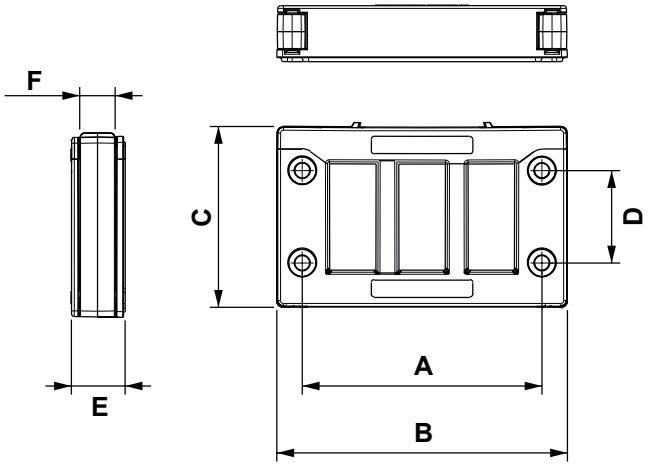
- **Material: PC/PA** / *Material: PC/PA*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +130°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
15965FG01	58,0	76,6	62,6	32,0	18,6	12,3		1





CLIP TEILBARE KABELVERSCHRAUBUNG
CLIP SPLITTABLE FRAME



Dichtungseinsätze (SPC-SPL)
*COMPATIBLE INSERTS (SPC-**SPL**)*



- **Material: PP+GF** / *Material: PC/PA*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

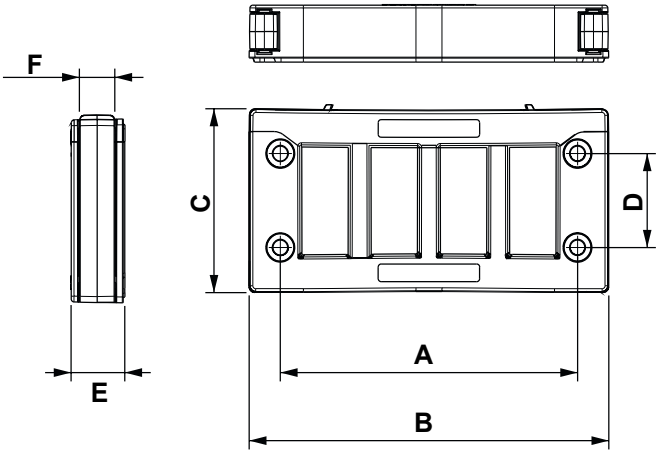
ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
15966FG01	83,0	100,6	62,6	32,0	18,6	12,3		1

TEILBARE KABELVERSCHRAUBUNG CLICK
SPLITTABLE CABLE GLAND CLICK





CLIP TEILBARE KABELVERSCHRAUBUNG
CLIP SPLITTABLE FRAME



Dichtungseinsätze (SPC-SPL)
*COMPATIBLE INSERTS (SPC-**SPL**)*



- **Material: PP+GF** / *Material: PC/PA*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
15967FG01	103,0	124,6	62,6	32,0	18,6	12,3		1

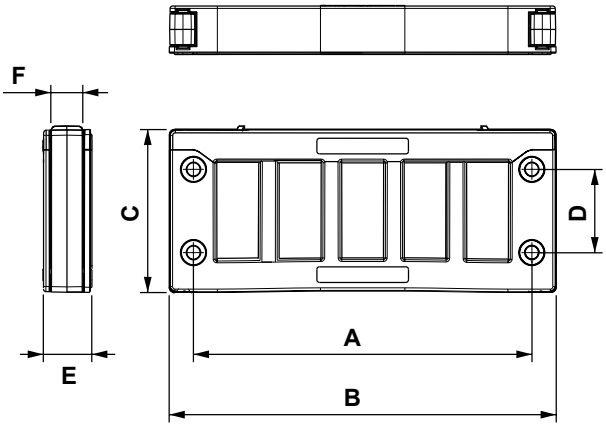
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SPLITTABLE CABLE GLAND CLICK





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CLIP SPLITTABLE FRAME

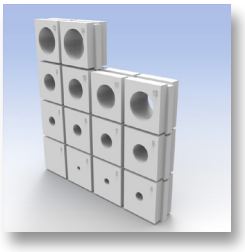


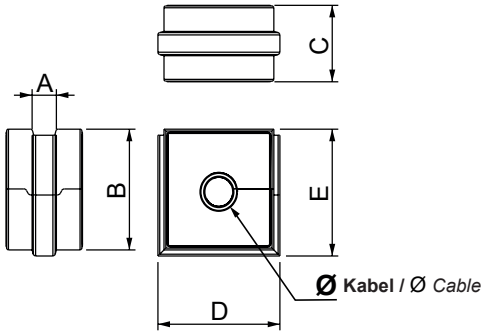
Dichtungseinsätze (SPC-SPL)
*COMPATIBLE INSERTS (SPC-**SPL**)*



- **Material: PP+GF** / *Material: PC/PA*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
15912FG01	130,0	148,6	62,6	32,0	18,6	12,3		1

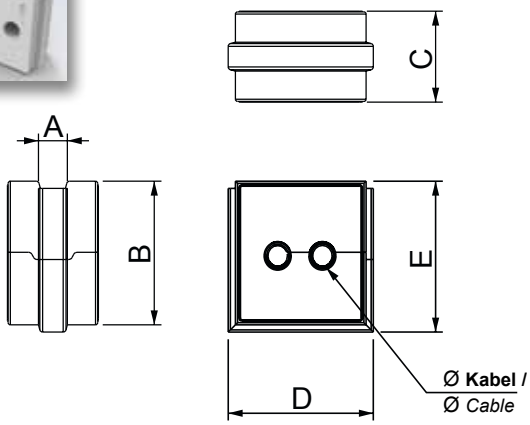




- **Material: TPE/** *Material: TPE*
- **Farbe: siehe Tabelle /** *Colour: see Table*
- **Entflammbarkeit /** *UL Flammability*: **V0 (UL94)**
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +110°C**
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Ø Kabel *Ø Cable*	Farbe *Colour*	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
15914PS01	4,0	19,9	12,6	20,1	20,9	-	**Schwarz /** Black		10
15914PS11	4,0	19,9	12,6	20,1	20,9	-	**Grau /** Gray		10
15915PS01	4,0	19,9	12,6	20,1	20,9	2,0 - 3,0	**Schwarz /** Black		10
15915PS11	4,0	19,9	12,6	20,1	20,9	2,0 - 3,0	**Grau /** Gray		10
15916PS01	4,0	19,9	12,6	20,1	20,9	3,0 - 4,0	**Schwarz /** Black		10
15916PS11	4,0	19,9	12,6	20,1	20,9	3,0 - 4,0	**Grau /** Gray		10
15917PS01	4,0	19,9	12,6	20,1	20,9	4,0 - 5,0	**Schwarz /** Black		10
15917PS11	4,0	19,9	12,6	20,1	20,9	4,0 - 5,0	**Grau /** Gray		10
15918PS01	4,0	19,9	12,6	20,1	20,9	5,0 - 6,0	**Schwarz /** Black		10
15918PS11	4,0	19,9	12,6	20,1	20,9	5,0 - 6,0	**Grau /** Gray		10
15919PS01	4,0	19,9	12,6	20,1	20,9	6,0 - 7,0	**Schwarz /** Black		10
15919PS11	4,0	19,9	12,6	20,1	20,9	6,0 - 7,0	**Grau /** Gray		10
15920PS01	4,0	19,9	12,6	20,1	20,9	7,0 - 8,0	**Schwarz /** Black		10
15920PS11	4,0	19,9	12,6	20,1	20,9	7,0 - 8,0	**Grau /** Gray		10
15921PS01	4,0	19,9	12,6	20,1	20,9	8,0 - 9,0	**Schwarz /** Black		10
15921PS11	4,0	19,9	12,6	20,1	20,9	8,0 - 9,0	**Grau /** Gray		10
15922PS01	4,0	19,9	12,6	20,1	20,9	9,0 - 10,0	**Schwarz /** Black		10
15922PS11	4,0	19,9	12,6	20,1	20,9	9,0 - 10,0	**Grau /** Gray		10
15913PS01	4,0	19,9	12,6	20,1	20,9	10,0 - 11,0	**Schwarz /** Black		10
15913PS11	4,0	19,9	12,6	20,1	20,9	10,0 - 11,0	**Grau /** Gray		10
15923PS01	4,0	19,9	12,6	20,1	20,9	11,0 - 12,0	**Schwarz /** Black		10
15923PS11	4,0	19,9	12,6	20,1	20,9	11,0 - 12,0	**Grau /** Gray		10
15924PS01	4,0	19,9	12,6	20,1	20,9	12,0 - 13,0	**Schwarz /** Black		10
15924PS11	4,0	19,9	12,6	20,1	20,9	12,0 - 13,0	**Grau /** Gray		10
15925PS01	4,0	19,9	12,6	20,1	20,9	13,0 - 14,0	**Schwarz /** Black		10
15925PS11	4,0	19,9	12,6	20,1	20,9	13,0 - 14,0	**Grau /** Gray		10
15926PS01	4,0	19,9	12,6	20,1	20,9	14,0 - 15,0	**Schwarz /** Black		10
15926PS11	4,0	19,9	12,6	20,1	20,9	14,0 - 15,0	**Grau /** Gray		10





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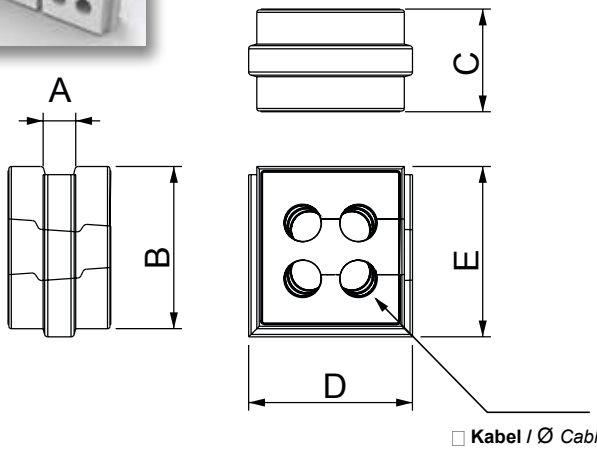
UV ISO 4892-2A | RoHS COMPLIANT | NEMA 12 | IP54

UL94-V0 | APPROVED | ECOLAB | c UL us pending

- **Material: TPE/** *Material: TPE*
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** */ UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle /** *Colour: see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Ø Kabel Ø Cable	Farbe *Colour*	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
15927PS01	4,0	19,9	12,6	20,1	20,9	2,0	**Schwarz /** Black		10
15927PS11	4,0	19,9	12,6	20,1	20,9	2,0	**Grau /** Gray		10
15928PS01	4,0	19,9	12,6	20,1	20,9	3,0	**Schwarz /** Black		10
15928PS11	4,0	19,9	12,6	20,1	20,9	3,0	**Grau /** Gray		10
15929PS01	4,0	19,9	12,6	20,1	20,9	4,0	**Schwarz /** Black		10
15929PS11	4,0	19,9	12,6	20,1	20,9	4,0	**Grau /** Gray		10
15930PS01	4,0	19,9	12,6	20,1	20,9	5,0	**Schwarz /** Black		10
15930PS11	4,0	19,9	12,6	20,1	20,9	5,0	**Grau /** Gray		10
15931PS01	4,0	19,9	12,6	20,1	20,9	6,0	**Schwarz /** Black		10
15931PS11	4,0	19,9	12,6	20,1	20,9	6,0	**Grau /** Gray		10
15932PS01	4,0	19,9	12,6	20,1	20,9	7,0	**Schwarz /** Black		10
15932PS11	4,0	19,9	12,6	20,1	20,9	7,0	**Grau /** Gray		10

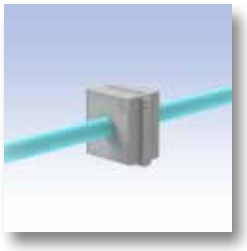




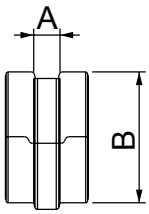
- **Material: TPE/** *Material: TPE*
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** */ UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** */ Colour: see Table*
- **Alle Maße sind in mm** */ All dimensions are in mm*

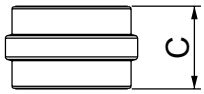
ARTIKEL *P/N*	A	B	C	D	E	Ø Kabel Ø Cable	Farbe *Colour*	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
15933PS01	4,0	19,9	12,6	20,1	20,9	2,0	**Schwarz /** Black		10
15933PS11	4,0	19,9	12,6	20,1	20,9	2,0	**Grau /** Gray		10
15934PS01	4,0	19,9	12,6	20,1	20,9	3,0	**Schwarz /** Black		10
15934PS11	4,0	19,9	12,6	20,1	20,9	3,0	**Grau /** Gray		10
15935PS01	4,0	19,9	12,6	20,1	20,9	4,0	**Schwarz /** Black		10
15935PS11	4,0	19,9	12,6	20,1	20,9	4,0	**Grau /** Gray		10
15936PS01	4,0	19,9	12,6	20,1	20,9	4,5	**Schwarz /** Black		10
15936PS11	4,0	19,9	12,6	20,1	20,9	4,5	**Grau /** Gray		10
15937PS01	4,0	19,9	12,6	20,1	20,9	5,0	**Schwarz /** Black		10
15937PS11	4,0	19,9	12,6	20,1	20,9	5,0	**Grau /** Gray		10
15938PS01	4,0	19,9	12,6	20,1	20,9	6,0	**Schwarz /** Black		10
15938PS11	4,0	19,9	12,6	20,1	20,9	6,0	**Grau /** Gray		10

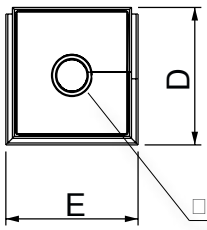
KABELDURCHFÜHRUNGEN SPC
CABLE GROMMETS SPC









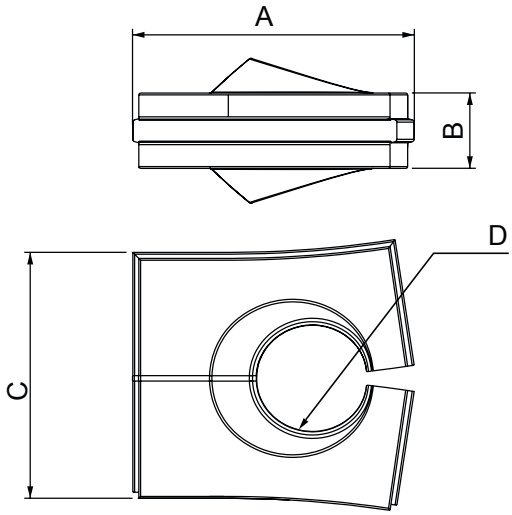


□ **Kabel** / Ø *Cable*

- **Materiale: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Ø Kabel *Ø Cable*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
18976PS01	4,0	19,9	12,6	20,9	20,1	-	**Schwarz** / Black	10
18971PS11	4,0	19,9	12,6	20,9	20,1	-	**Grau** / Gray	10
18977PS01	4,0	19,9	12,6	20,9	20,1	Max. 8,0	**Schwarz** / Black	10
18972PS11	4,0	19,9	12,6	20,9	20,1	Max. 8,0	**Grau** / Gray	10
18978PS01	4,0	19,9	12,6	20,9	20,1	Max. 11,0	**Schwarz** / Black	10
18973PS11	4,0	19,9	12,6	20,9	20,1	Max. 11,0	**Grau** / Gray	10
18979PS01	4,0	19,9	12,6	20,9	20,1	Max. 13,0	**Schwarz** / Black	10
18974PS11	4,0	19,9	12,6	20,9	20,1	Max. 13,0	**Grau** / Gray	10
18979PS01	4,0	19,9	12,6	20,9	20,1	Max. 14,0	**Schwarz** / Black	10
18975PS11	4,0	19,9	12,6	20,9	20,1	Max. 14,0	**Grau** / Gray	10





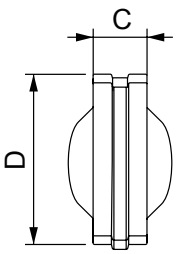
- **Material: TPE/** *Material: TPE*
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** */ UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** */ Colour: see Table*
- **Alle Maße sind in mm** */ All dimensions are in mm*

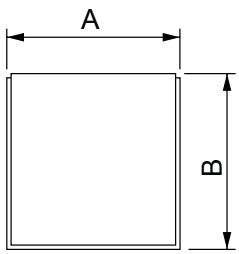
ARTIKEL *P/N*	A	B	C	D Min. - Max.	Farbe *Colour*	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
15968PS01	47,1	12,5	40,8	-	**Schwarz /** Black		10
15968PS11	47,1	12,5	40,8	-	**Grau /** Gray		10
15969PS01	47,1	12,5	40,8	11,5-16,00	**Schwarz /** Black		10
15969PS11	47,1	12,5	40,8	11,5-16,00	**Grau /** Gray		10
15970PS01	47,1	12,5	40,8	16,0-20,0	**Schwarz /** Black		10
15970PS11	47,1	12,5	40,8	16,0-20,0	**Grau /** Gray		10
15971PS01	47,1	12,5	40,8	20,0-24,0	**Schwarz /** Black		10
15971PS11	47,1	12,5	40,8	20,0-24,0	**Grau /** Gray		10
15972PS01	47,1	12,5	40,8	24,0-28,0	**Schwarz /** Black		10
15972PS11	47,1	12,5	40,8	24,0-28,0	**Grau /** Gray		10
15973PS01	47,1	12,5	40,8	28,0-31,0	**Schwarz /** Black		10
15973PS11	47,1	12,5	40,8	28,0-31,0	**Grau /** Gray		10













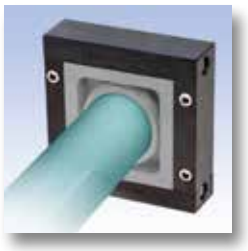


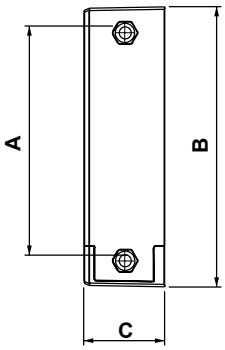
DOPPELMEMBRAN TECHNOLOGIE
DOUBLE MEMBRANE

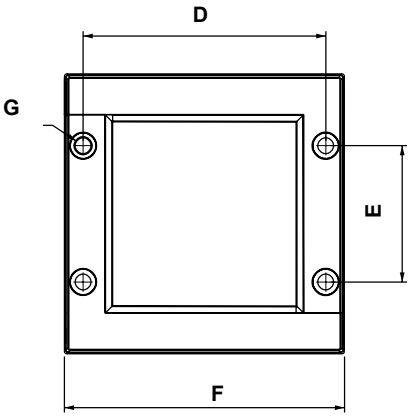
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: See table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Ø Kabel *Ø Cable*	Farbe *Colour*	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
18984PS01	40,2	40,8	12,5	39,5	4 x 11,0 - 15,0	**Schwarz** / Black		10
18981PS11	40,2	40,8	12,5	39,5	4 x 11,0 - 15,0	**Grau** / Gray		10
18985PS01	40,2	40,8	12,5	39,5	8 x 6,0 - 10,0	**Schwarz** / Black		10
18982PS11	40,2	40,8	12,5	39,5	8 x 6,0 - 10,0	**Grau** / Gray		10
18986PS01	40,2	40,8	12,5	39,5	13 x 4,5 - 6,5	**Schwarz** / Black		10
18983PS11	40,2	40,8	12,5	39,5	13 x 4,5 - 6,5	**Grau** / Gray		10











KOMPATIBLE EINSÄTZE (SPH)
COMPATIBLE INSERTS (SPH)

- **Material: PP+GF** / *Material: PP+GF*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
18946FG01	94,9	116,1	33,5	100,5	56,5	116,0	6,5	86,0 x 40,0	1





new PRODUCT

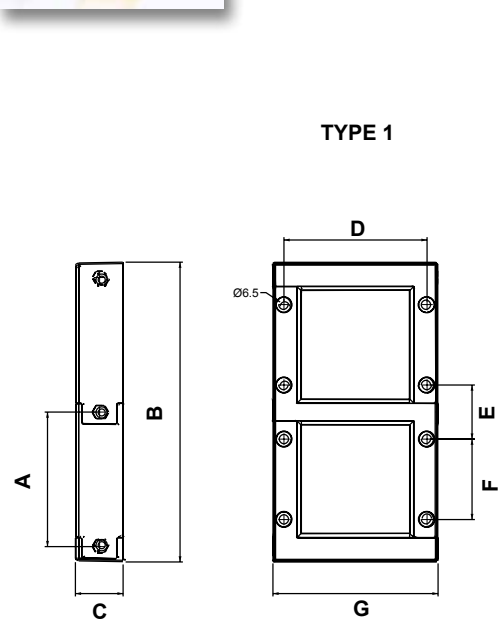
HALOGEN FREE

SILICONE FREE

TYPE 3

TYPE 2

TYPE 1



UV ISO 4892-2A · RoHS COMPLIANT · NEMA 12 · IP54 · c UL us · ECOLAB · IK10 · HL3 EN 45545-2

KOMPATIBLE EINSÄTZE (SPH)
COMPATIBLE INSERTS (SPH)

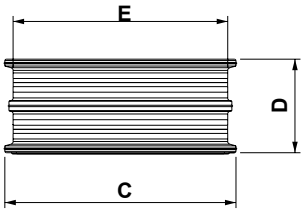
- **Material: PP+GF** / *Material: PP+GF*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

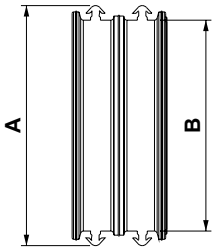
ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
18947FG01	1	94,5	210,6	33,5	100,5	38,0	56,5	116,0	166,5 x 72 ,0	1
18948FG01	2	94,5	305,1	33,5	100,5	38,0	56,5	116,0	261,0, x 72,0	1
18949FG01	3	94,5	399,6	33,5	100,5	38,0	56,5	116,0	355,5 x 72,0	1

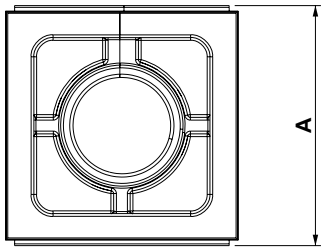
KABELDURCHFÜHRUNGSTÜLLEN SPH
CABLE GROMMETS SPH















- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19261PS11	87,3	76,7	84,0	34,0	78,0	-		1
19262PS11	87,3	76,7	84,0	34,0	78,0	36,0 - 39,0		1
19263PS11	87,3	76,7	84,0	34,0	78,0	41,0 - 44,0		1
19264PS11	87,3	76,7	84,0	34,0	78,0	43,0 - 48,0		1
19265PS11	87,3	76,7	84,0	34,0	78,0	47,0 - 51,0		1
19266PS11	87,3	76,7	84,0	34,0	78,0	52,0 - 56,0		1
19267PS11	87,3	76,7	84,0	34,0	78,0	56,0 - 60,0		1
19268PS11	87,3	76,7	84,0	34,0	78,0	60,0 - 65,0		1

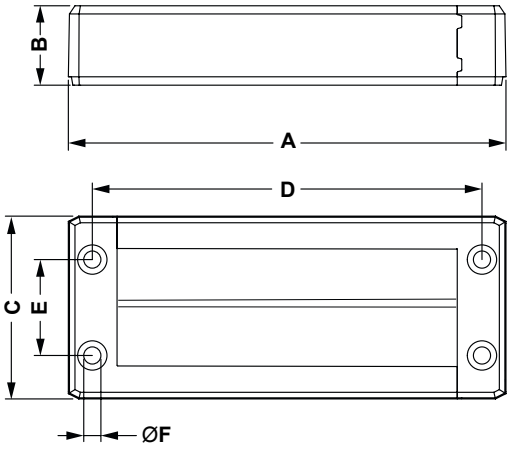
GETEILTER RAHMEN MIT DOPPELTER BÜRSTE
SPLITTED FRAME WITH DOUBLE BRUSH







DOPPELBÜRSTE
DOUBLE BRUSH



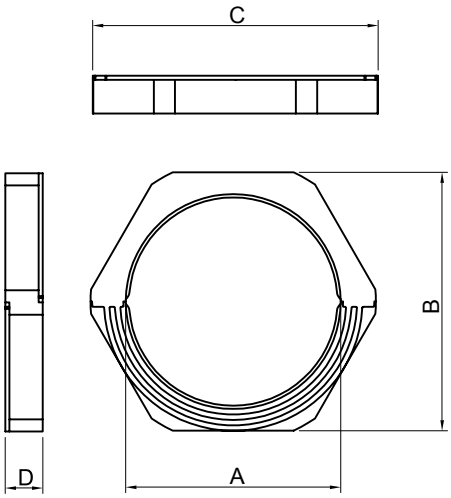
- **Material:** / *Material:*
  Rahmen: PP + GF / *Frame: PP + GF*
  Bürste: PVC / *Brush: PVC*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**

Auf Anfrage: Montageschrauben (4 Stück) aus V2A Edelstahl und Decomet Beschichtung Schwarz Artikel 16008MCXX
Upon request set of 4 mounting screws in AISI304 with Black Dacromet finishing 16008MCXX

ARTIKEL *P/N*	A	B	C	D	E	F	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
16025FG01	146,0	26,0	61,0	130,0	32,0	Ø5,7	112,0 x 39,9	10
16026FG01	120,0	26,0	61,0	103,0	32,0	Ø5,7	86,0 x 39,0	10
16027FG01	99,0	26,0	61,0	83,0	32,0	Ø5,7	63,0 x 39,0	10
16028FG01	74,0	26,0	61,0	58,0	32,0	Ø5,7	40,0 x 39,0	10
16029FG01	146,0	26,0	41,4	130,0	-	Ø5,7	112,0 x 18,0	10
16030FG01	120,0	26,0	41,4	103,0	-	Ø5,7	86,0 x 18,0	10
16031FG01	99,0	26,0	41,4	83,0	-	Ø5,7	63,0 x 18,0	10
16032FG01	74,0	26,0	41,4	58,0	-	Ø5,7	40,0 x 18,0	10

TEILBARE GEGENMUTTER
SPLITTED LOCKNUT





- **Material: PA66/** *Material: PA66*
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** */ UL Flammability*: **V0 (UL94)**
- **Farbe:Schwarz** */ Colour: Black*
- **Alle Maße sind in mm** */ All dimensions are in mm*

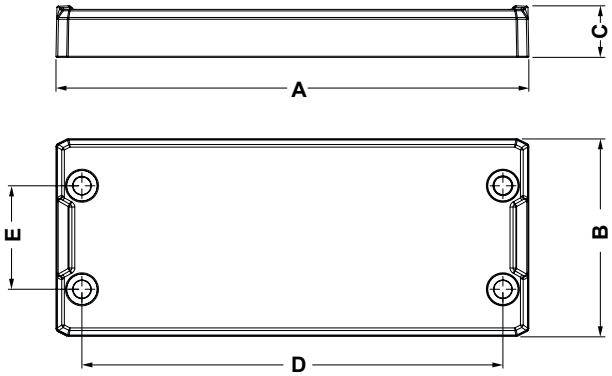
ARTIKEL *P/N*	A	B	C	D	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
18083FG01	M20	28,0	31,0	7,0		10
18084FG01	M25	33,0	36,0	7,0		10
18085FG01	M32	40,0	44,0	7,0		10
18086FG01	M40	48,0	53,0	7,0		10
18087FG01	M50	58,0	64,0	7,0		10
18088FG01	M63	72,0	80,0	7,0		10

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VERSCHLUSSPLATTE
CLOSING PLATE







Auf Anfrage: Montageschrauben (4 Stück) aus V2A Edelstahl und Decomet Beschichtung Schwarz Artikel 16008MCXX
Upon request set of 4 mounting screws in AISI304 with Black Dacromet finishing 16008MCXX

- **Material: PP+GF** / *Material: PP+GF*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +155° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

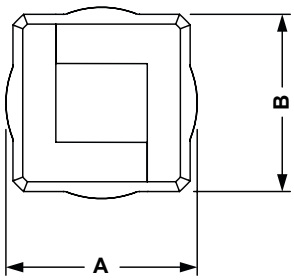
ARTIKEL *P/N*	A	B	C	D	E	Durchbruch *Cut out*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16014FG01	74,0	61,0	15,9	58,0	32,0	40,0 x 39,0		10
16015FG01	99,0	61,0	15,9	83,0	32,0	63,0 x 39,0		10
16016FG01	120,0	61,0	15,9	103,0	32,0	86,0 x 39,0		10
16017FG01	146,0	61,0	15,9	130,0	32,0	112,0 x 39,0		10

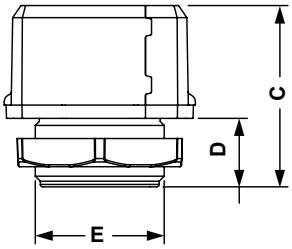
GETEILTE KABELVERSCHRAUBUNG DOPPELBÜRSTE
SPLITTING CABLE ENTRY GLAND WITH BRUSH





DOPPELBÜRSTE
DOUBLE BRUSH





HALOGEN FREE

SILICONE FREE

UV ISO 4892-2A

RoHS COMPLIANT

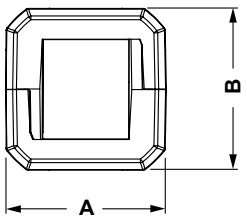
- **Material: Gehäuse PP+GF** / *Material Frame PP+GF*
- **Material: Bürste PVC** / *Brush PVC*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +155° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

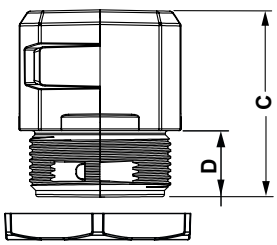
ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
16033FG01	Ø47,5	44,0	45,0	17,0	M32	10
16034FG01	Ø75,0	66,0	45,0	17,0	M63	10





DOPPELBÜRSTE
DOUBLE BRUSH





HALOGEN FREE

SILICONE FREE

UV ISO 4892-2A

RoHS COMPLIANT

- **Material: Gehäuse PC** / *Material Frame PC*
- **Material: Bürste PA** / *Brush PA*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +155° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

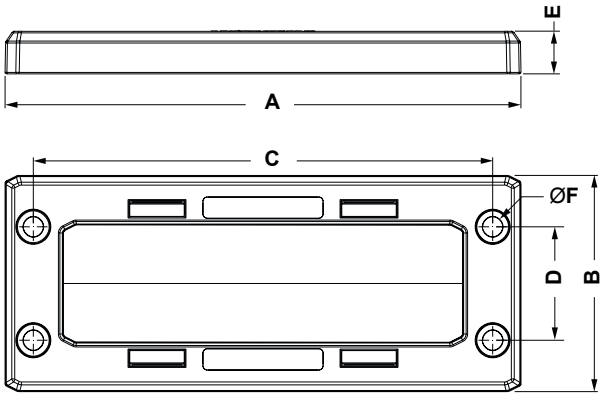
ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
17450NA01	36,2	36,4	42,0	M32	Ø 32,5		10
17541NA01	61,5	57,0	42,8	M50 X 1,5	Ø 50,5		10







EINFACHBÜRSTE
SINGLE BRUSH



HALOGEN FREE

SILICONE FREE

UV ISO 4892-2A

RoHS COMPLIANT

- **Material:** / *Material:*
  Rahmen: PP + GF / *Frame: PP + GF*
  Bürste: PVC / *Brush: PVC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +155°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

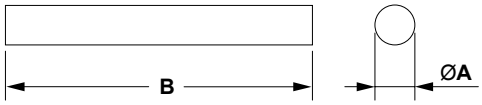
Auf Anfrage: Montageschrauben (4 Stück) aus V2A Edelstahl und Decomet Beschichtung Schwarz Artikel 16008MCXX
Upon request set of 4 mounting screws in AISI304 with Black Dacromet finishing 16008MCXX

ARTIKEL *P/N*	A	B	C	D	E	F	Durchbruch *Cut out*	VPE-Stckz. *Moq-Pcs*
16022FG01	99,0	12,0	61,0	83,0	32,0	Ø 5,8	63,0 x 39,0	10
16023FG01	120,0	12,0	61,0	103,0	32,0	Ø 5,8	86,0 x 39,0	10
16024FG01	146,0	12,0	61,0	130,0	32,0	Ø 5,8	112,0 x 39,0	10

VERSCHLUSS STOPFEN
HOLE PLUGS FOR SEALING INSERTS







HALOGEN FREE

SILICONE FREE

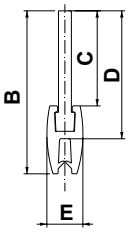
UV ISO 4892-2A

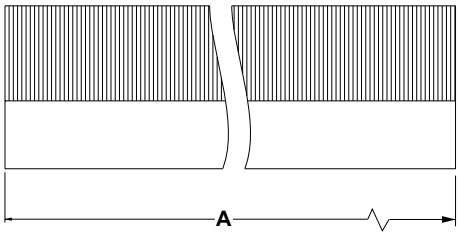
RoHS COMPLIANT

- **Material: PC+GF** / *Material: PC+GF*
- **Temperaturbereich** / *Working temperature* **-40°C ~ +155° C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16155NV00	2,0	30,0		20
16156NV00	3,0	30,0		20
16157NV00	4,0	30,0		20
16158NV00	5,0	30,0		20
16159NV00	6,0	30,0		20
16160NV00	7,0	30,0		20
16161NV00	8,0	25,0		20
16162NV00	9,0	25,0		20
16163NV00	10,0	25,0		20
16164NV00	11,0	25,0		20
16165NV00	12,0	25,0		20
16166NV00	13,0	25,0		20
16167NV00	14,0	25,0		20
16168NV00	15,0	25,0		20
16169NV00	16,0	25,0		20







- **Material: PA** / *Material: PA*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
19193AA01	600	48,0	28,0	38,0	10,6		1
19194AA01	800	48,0	28,0	38,0	10,6		1
19195AA01	1000	48,0	28,0	38,0	10,6		1
19196AA01	1200	48,0	28,0	38,0	10,6		1

ANMERKUNGEN - Notes

fastpoint

20

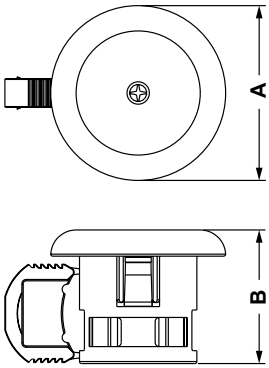


fastpoint

Zugentlastungen & Kabelverschraubungen | *Strain Relief Bushings , Cable Glands*

KABELDURCHFÜHRUNG MIT ZUGENTLASTUNG
LIQUID TIGHT STRAIN RELIEF BUSHING



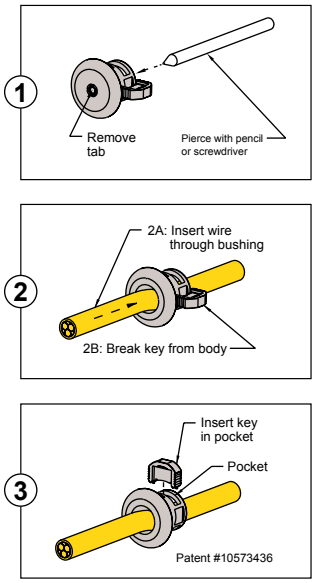


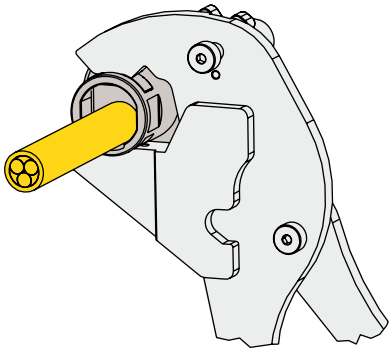
- **Material: PA 6.6 - TPE Kopf** / *Material: PA 6.6 - TPE top*
- **Temperaturbereich** / *Working temperature:* **-20°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Die Farbe bezieht sich jeweils nur das Kopfmaterial auf. / *Colour refers to the rubber membrane. Nylon 6/6 will remain Black.*

Artikel *P/N* **RAL 7035 Grau** / *Gray*	**Artikel** *P/N* **Weiß** / *White*	**Artikel** *P/N* **Schwarz** *Black*	**A**	**B**	**Ø Kabel** *Ø Cable*	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs.*
14046AR117035	**14046AR02**	**14046AR01**	32,8	25,1	7,1 - 8,4	Ø 22,2	0,8 - 2,4	50
14047AR117035	**14047AR02**	**14047AR01**	32,8	25,1	7,1 - 8,4	Ø 22,2	3,2 - 4,8	50
14048AR117035	**14048AR02**	**14048AR01**	32,8	25,1	8,4 - 11,2	Ø 22,2	0,8 - 2,4	50
14049AR117035	**14049AR02**	**14049AR01**	32,8	25,1	8,4 - 11,2	Ø 22,2	3,2 - 4,8	50

INSTALLATION AND CRIMPING OPTIONS





KABELZUGENTLASTUNG FÜR FLACHKABEL
STRAIN RELIEF FOR FLAT CABLE

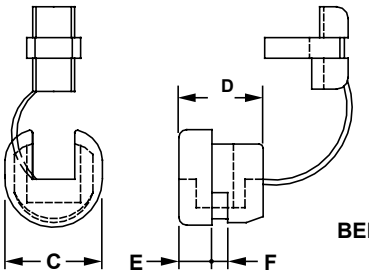


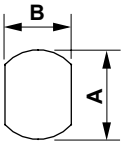


TYPE 1

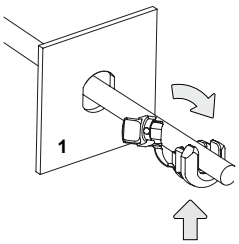


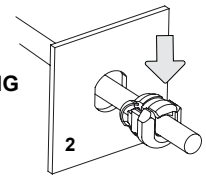
FLACHKABEL /
FLAT CABLE



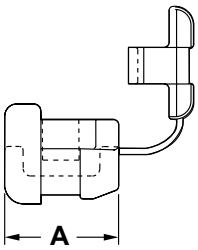


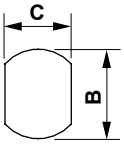
BEFESTIGUNGSÖFFNUNG
MOUNTING HOLE



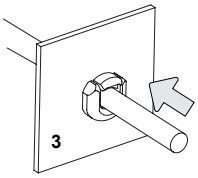


TYPE 2





BEFESTIGUNGSÖFFNUNG
MOUNTING HOLE

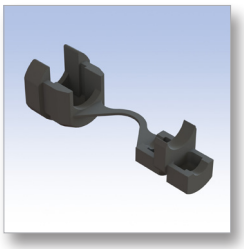


- **Material: PA 6.6** / *Material: PA 6.6*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **F= Stärke** / *F= panel thickness*
- **Alle Maße sind in mm** / *All dimensions are in mm*

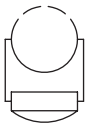
ARTIKEL *P/N*	Type	A	B	C	D	E	F	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
10862AA01	**1**	12,7	11,8	14	12,4	4,0	1,8 - 2,5	Ø 4,1 X 8,6	1.000
10863AA01	**1**	14,3	13,4	15,5	15,4	6,2	0,8 - 1,6	Ø 5,0 X 10,0	1.000
10864AA01	**1**	14,3	13,4	15,5	15,4	6,2	1,8 - 3,2	Ø 5,0 X 10,0	1.000
10865AA01	**1**	15,9	14,0	16,5	14,9	5,8	2,0 - 2,5	Ø 3,6 X 7,0 / 4,1 X 10,4	1.000
10866AA01	**1**	9,5	8,7	10,4	10,4	4,0	1,6	Ø 2,8 X 5,3	1.000
10867AA01	**1**	11,0	9,9	11,5	10,4	4,0	1,6	Ø 2,0 X 5,6	1.000
10868AA01	**1**	11,0	9,9	11,5	10,4	4,0	2,5	Ø 2,0 X 5,6	1.000
10869AA01	**1**	12,7-13,1	11,8	13,3	10,4	4,0	1,6	per / *for* A=12,7: Ø 3,8 X 7,1 per / *for* A=13,1: Ø 4,1 X 7,6	1.000
12852AA01	**2**	20,6	22,2	21,2	-	-	3,2	Ø 8,1 x 16,5	800

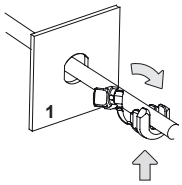
FÜR DIE MONTAGE DIESER ZUGENTALSTUNGEN VERWENDEN SIE EINE HEYCO ZANGE R29
USE HEYCO R29 PLIERS TO ASSEMBLE THESE DRAWBAR SOCKETS

KABELZUGENTLASTUNG FÜR RUNDKABEL
STRAIN RELIEF BISHUNGS FOR ROUND CABLES

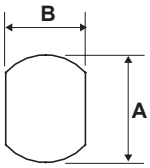


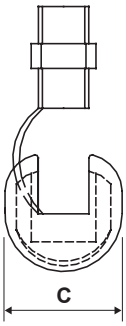
AUSFUHRUNG RUNDKABEL
ROUND CABLE

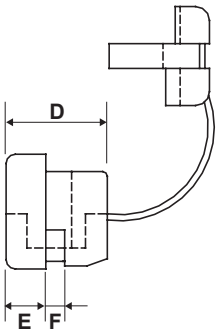


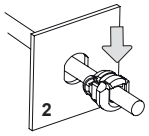


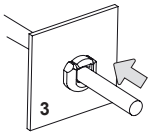
MONTAGE AUSSPARUNG
MOUNTING HOLE











- **Material: PA 6.6** / *Material: PA 6.6*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **F= Stärke** / *F= panel thickness*
- **Alle Maße sind in mm** / *All dimensions are in mm*

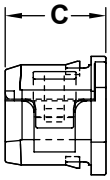
ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
10850AA01	12,7-13,1	11,5	13,4	10,9	4,2	1,6		für / *for* A= 12,7: Ø 7,5 - 7,7 für / *for* A= 13,1: Ø 8,2 - 9,2	1.000
10851AA01	15,9	14,0	16,8	14,8	5,6	0,8-1,6		Ø 8,2 - 9,2	1.000
10852AA01	9,5	8,4	10,4	10,4	4,0	0,8-1,6		Ø 3,0 - 4,7	1.000
10853AA01	12,7	11,5	13,5	10,9	4,2	1,6		Ø 6,4 - 7,4	1.000
10854AA01	13,1	11,5	13,5	10,9	4,2	2,5		Ø 6,4 - 7,4	1.000
5749AA01	14,0	14,0	16,8	17,2	6,7	4,2	HEYCO	Ø 8,4	1.000
7592AA01	15,9	14,0	16,8	14,8	5,6	1,6		Ø 7,6	1.000
10855AA01	15,9	14,0	16,8	14,8	5,6	3,2		Ø 7,6	1.000
10856AA01	15,9	14,0	16,2	15,0	5,6	1,6		Ø 8,2 - 9,2	1.000
10857AA01	15,9	14,0	16,2	14,8	5,6	3,2		Ø 8,2 - 9,2	1.000
10858AA01	19,8	16,5	19,5	19,1	7,8	1,6		Ø 9,2 - 10,5 / Ø 11,0	1.000
10859AA01	19,8	16,5	19,5	19,4	7,8	3,2		Ø 9,2 - 10,5 / Ø 11,0	1.000
10860AA01	22,0	21,7	22,6	20,4	8,4	1,8-2,5		Ø 13,5 - 15,2	1.000
10861AA01	30,2	25,4	27,5	25,2	10,6	1,2-7,0		Ø 15,2 - 16,3 / Ø 17,5	1.000
0363AA01	12,7	11,4	13,7	11,7	4,4	1,8		Ø 6,4 - 7,4	1.000
2336AA01	15,9	14,0	16,0	14,5	5,4	2,7		Ø 6,4 - 7,4	2.500
2337AA01	15,9	14,0	16,7	14,8	5,9	2,9		Ø 7,4 - 8,2	1.000
4476AA01	15,9	14,0	16,5	14,8	5,9	2,9		Ø 6,4 - 7,4	1.000

FÜR DIE MONTAGE DIESER ZUGENTALSTUNGEN VERWENDEN SIE EINE HEYCO ZANGE R29
USE HEYCO R29 PLIERS TO ASSEMBLE THESE DRAWBAR SOCKETS

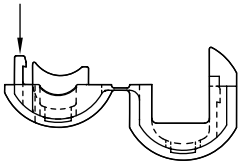
www.fastpoint.de - info@fastpoint.de - Tel. +49 [0] 8171 99 888 20

KABELZUGENTLASTUNG AM KABEL VORMONTIERBAR
STRAIN RELIEF PRE-ASSEMBLE

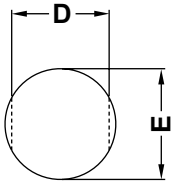


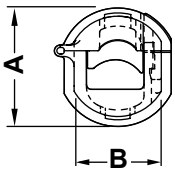


Verriegelung
Locking tab



MONTAGE AUSSPARUNG /
MOUNTING HOLE





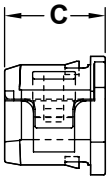
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Montierbar in einer Bohrung oder Doppel "D" Aussparung / *Install into a Round Hole or Double "D" Hole*

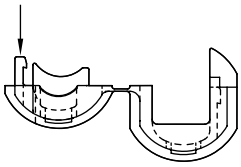
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**Farbe** *Colour*	**Stärke** *Thickness*	**Ø Kabel** *Ø Cable*	**VPE-Stckz.** *Moq-Pcs*
18299AA01	36,6	-	33,3	28,6	31,8	Schwarz-Black	1,6 - 4,8	18,3 - 21,1	800
18299AA02	36,6	-	33,3	28,6	31,8	Weiß - White	1,6 - 4,8	18,3 - 21,1	800
22100AA01	17,4	13,5	14,0	14,0	15,9	Schwarz-Black	0,8 - 2,5	3,3 - 5,3	1.000
22100AA02	17,4	13,5	14,0	14,0	15,9	Weiß - White	0,8 - 2,5	3,3 - 5,3	1.000
22101AA01	17,4	13,5	14,0	14,0	15,9	Schwarz-Black	0,8 - 2,5	5,6 - 7,4	1.000
22101AA02	17,4	13,5	14,0	14,0	15,9	Weiß - White	0,8 - 2,5	5,6 - 7,4	3.000
22102AA01	18,3	16,5	5,5	14,0	15,9	Schwarz-Black	1,6	7,6 - 8,4	1.000
22102AA02	18,3	16,5	5,5	14,0	15,9	Weiß - White	1,6	7,6 - 8,4	3.000
22103AA01	24,4	18,8	18,3	19,6	22,2	Schwarz-Black	0,8 - 4,0	7,4 - 9,8	1.000
22103AA02	24,4	18,8	18,3	19,6	22,2	Weiß - White	0,8 - 4,0	7,4 - 9,8	1.000
22104AA01	24,4	18,8	18,3	19,6	22,2	Schwarz-Black	2,0 - 3,4	7,4 - 9,8	1.000
22104AA02	24,4	18,8	18,3	19,6	22,2	Weiß - White	2,0 - 3,4	7,4 - 9,8	1.000

KABELZUGENTLASTUNG AM KABEL VORMONTIERBAR
STRAIN RELIEF PRE-ASSEMBLE

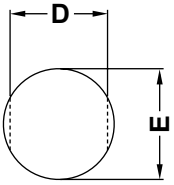


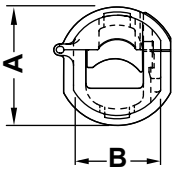


Verriegelung
Locking tab



MONTAGE AUSSPARUNG /
MOUNTING HOLE





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

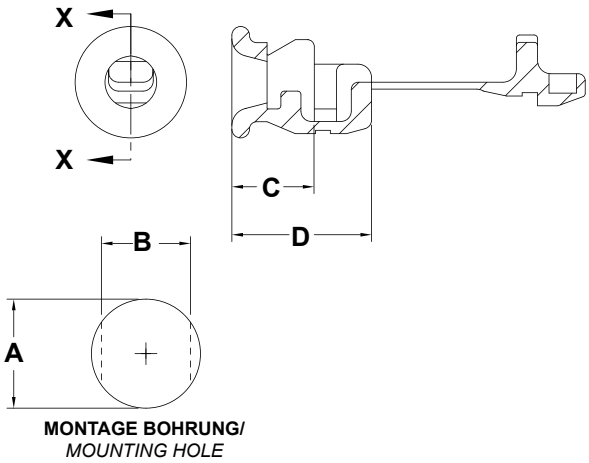
Montierbar in einer Bohrung oder Doppel "D" Aussparung / *Install into a Round Hole or Double "D" Hole*

ARTIKEL *P/N*	A	B	C	D	E	Farbe *Colour*	Stärke *Thickness*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
22105AA01	24,4	18,8	18,3	19,6	22,2	Schwarz-Black	0,8 - 4,0	8,6 - 10,9	1.000
22105AA02	24,4	18,8	18,3	19,6	22,2	Weiß - White	0,8 - 4,0	8,6 - 10,9	2.500
22106AA01	24,4	18,8	18,3	19,6	22,2	Schwarz-Black	2,0 - 3,4	8,6 - 10,9	1.000
22106AA02	24,4	18,8	18,3	19,6	22,2	Weiß - White	2,0 - 3,4	8,6 - 10,9	2.500
22107AA01	24,4	18,8	18,3	19,6	22,2	Schwarz-Black	0,8 - 4,0	10,7 - 11,4	1.000
22107AA02	24,4	18,8	18,3	19,6	22,2	Weiß - White	0,8 - 4,0	10,7 - 11,4	2.500
22108AA01	24,4	18,8	18,3	19,6	22,2	Schwarz-Black	2,0 - 3,4	10,7 - 11,4	1.000
22108AA02	24,4	18,8	18,3	19,6	22,2	Weiß - White	2,0 - 3,4	10,7 - 11,4	2.500
22109AA01	30,5	24,9	23,1	25,4	28,2	Schwarz-Black	1,6 - 4,8	13,5 - 15,2	1.000
22109AA02	30,5	24,9	23,1	25,4	28,2	Weiß - White	1,6 - 4,8	13,5 - 15,2	1.000
22110AA01	33,8	24,9	31,8	25,4	28,2	Schwarz-Black	1,6 - 4,8	15,2 - 17,8	800
22110AA02	33,8	24,9	31,8	25,4	28,2	Weiß - White	1,6 - 4,8	15,2 - 17,8	800

KABELZUGENTLASTUNG MIT KNICKSCHUTZ
CABLE CLAMPS FOR ROUND AND FLAT CABLES







MONTAGE BOHRUNG/
MOUNTING HOLE

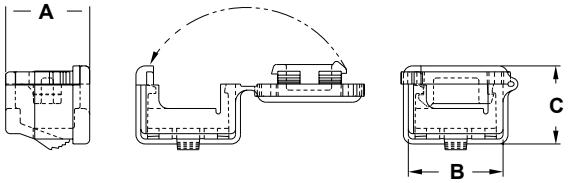
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability*: **V2 (UL94)**
- **Farbe: siehe Tabelle**/ *Colour: see Table*
- **Alle Maße in mm** / *All dimensions are in mm*

Montierbar in einer Bohrung oder Doppel "D" Aussparung / *Install into a Round Hole or Double "D" Hole*

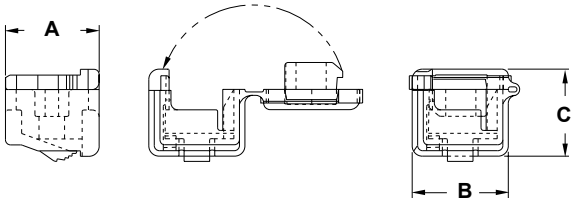
ARTIKEL *P/N*	A	B	C	D	Stärke *Thickness*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
FLACHKABEL / *FLAT CABLES*							
18526AA01	9,5	8,4	9,5	15,9	1,6	Ø 2,3 x 5,3	2.125
18527AA01	11,1	9,9	9,5	15,9	1,6	Ø 3,0 x 5,6	1.625
18528AA01	12,7 - 13,1	11,8	10,3	17,9	3,2	Ø 3,0 x 7,6	1.500
18531AA01	15,9	14,0	10,7	20,7	3,2	Ø 3,8 x 10,4	2.500
RUNDKABEL / *ROUND CABLES*							
18529AA01	12,7 - 13,5	11,4	10,3	17,5	1,6	Ø 6,3 x 7,6	2.500
18530AA01	15,9	14,0	10,7	20,7	3,2	Ø 7,6	2.500
18532AA01	15,9	14,0	10,7	20,7	3,2	Ø 8,0 x 8,1	2.500
8331AA01	15,9	14,0	10,7	20,7	1,6	Ø 8,2 x 9,1	2.500
17926AA01	15,9	14,0	10,7	20,7	3,2	Ø 8,2 x 9,1	2.500



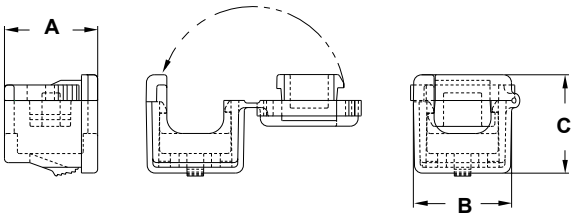
TYPE 1



TYPE 2

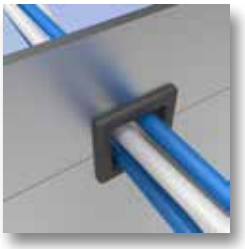


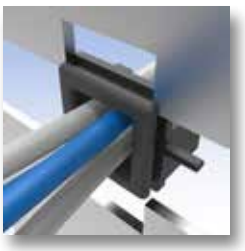
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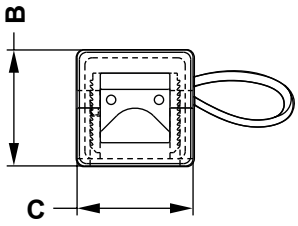


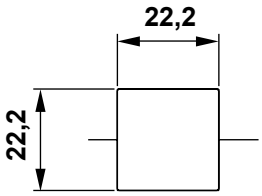
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability*: **V2 (UL94)**
- **Farbe:** siehe Tabelle / *Colour: see Table*
- **Alle Maße in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Aussparung *Hole*	Stärke *Thickness*	Ø Kabel *Ø Cable*	Farbe *Colour*	Type	VPE-Stckz. *Moq-Pcs*
16489AA01	14,0	15,5	13,0	11,5 x 16,0	0,8 - 2,5	0,8 - 9,7	Schwarz-Black	1	1.500
16489AA02	14,0	15,5	13,0	11,5 x 16,0	0,8 - 2,5	0,8 - 9,7	Weiß - White	2	4.500
16490AA01	14,0	14,2	13,0	11,5 x 13,0	0,8 - 2,5	3,0 - 7,6	Schwarz-Black	2	1.000
16490AA02	14,0	14,2	13,0	11,5 x 13,0	0,8 - 2,5	3,0 - 7,6	Weiß - White	2	5.000
16491AA01	18,3	19,3	19,3	17,5 x 17,5	0,8 - 4,0	4,0 - 10,9	Schwarz-Black	3	1.000
16491AA02	18,3	19,3	19,3	17,5 x 17,5	0,8 - 4,0	4,0 - 10,9	Weiß - White	3	3.000

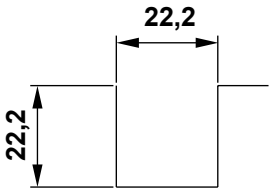








AUSSPARUNG QUADRAT
MOUNTING HOLE SPLIT PANEL



AUSSPARUNG U-Form
MOUNTING HOLE "U" SLOT

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

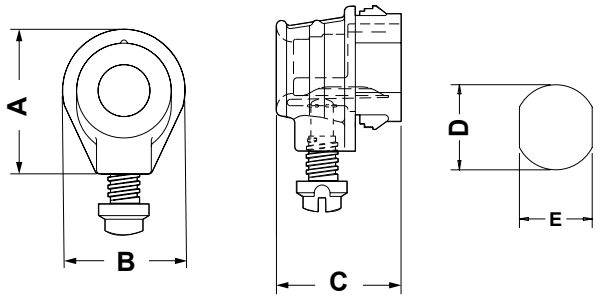
ARTIKEL *P/N*	**A**	**B**	**C**	**Stärke** *Thickness*	**Ø Kabel** *Ø Cable*	**VPE-Stckz.** *Moq-Pcs*
14863AA01	20,3	25,4	25,4	Max. 2,5	Max. 15,2	1.000

KABELZUGENTLASTUNG MIT KLEMMSCHRAUBE
SNAP-IN ROMEX® STRAINRELIEF BUSHING

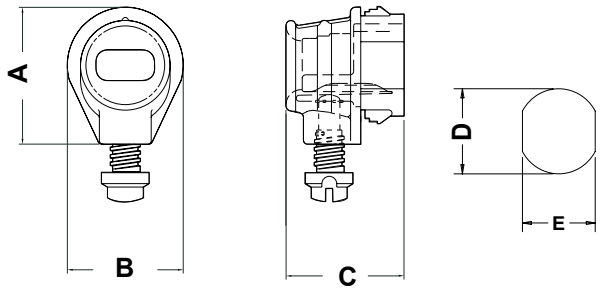




TYPE 1



TYPE 2

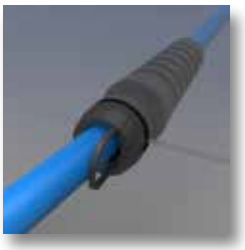


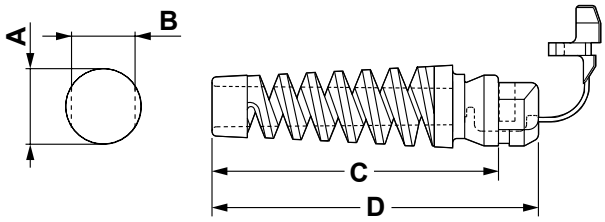
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability*: **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm**/ *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Stärke *Thickness*	Ø Kabel *Ø Cable*	TYPE	VPE-Stckz. *Moq-Pcs*
18498AA01	29,2	24,6	25,4	22,2	19,6	1,6 - 3,2	5,4 - 10,2	1	1.500
22111AA01	29,2	24,6	25,4	22,2	19,6	0,8 - 2,5	0,8 - 9,7	2	1.500

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KABELZUGENTLASTUNG MIT SPIRALKNICKSCHUTZ
STRAIN RELIEF WITH SPIRALSPRING

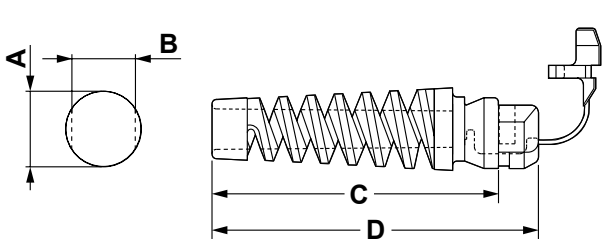




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Stärke *Thickness*	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
12927AA01	12,7 - 13,1	11,4	43,3	50,4	1,6	Ø 6,4 - 7,4	1.000
12928AA01	12,7 - 13,1	11,4	43,3	50,4	3,2	Ø 6,4 - 7,4	1.000
12929AA01	15,9	14,0	43,6	53,6	1,6	Ø 7,6	1.000
12930AA01	15,9	14,0	43,6	53,6	3,2	Ø 7,6	1.000
12931AA01	15,9	14,0	43,6	53,6	1,6	Ø 8,0 - 9,1	1.000
12932AA01	15,9	14,0	43,6	53,6	3,2	Ø 8,0 - 9,1	1.000
12933AA01	19,0 - 19,8	16,8	54,9	66,0	3,2	Ø 9,1 - Ø10,9	1.000

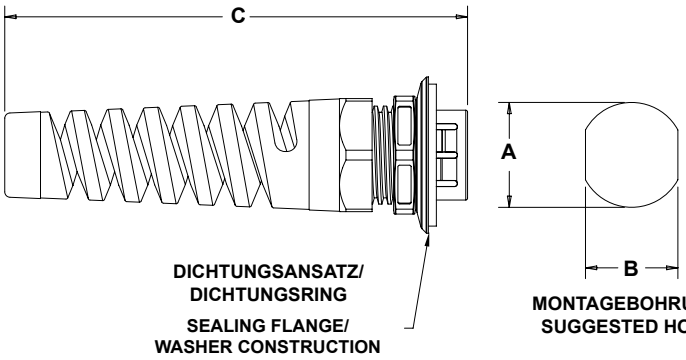




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-18°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Stärke *Thickness*	Kabelgröße *Cable size*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12926AA01	12,7	11,8	43,6	50,4	1,6	3,0 X 7,6 / 3,8 X 7,1		800





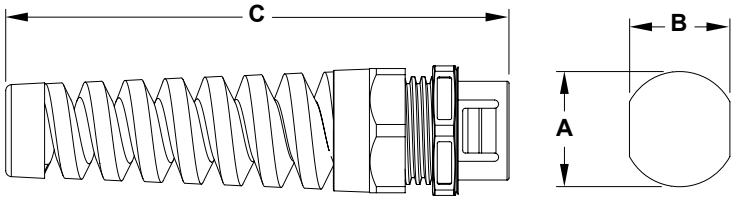
- **Materiale: PA 6.6** / *Material: PA 6.6*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-20°C ~ +100°C**
- **Schutzart IP 65** / *Grade protection: IP 65*
- **Alle Maße sind in mm** / *All dimensions are in mm*

kann als Kabelverschraunung wie auch als Zugentlastung verwendet werden */ can be used as a cable gland as well as strain relief*

Montierbar in einer Bohrung oder Doppel "D" Aussparung / *Install into a Round Hole or Double "D" Hole*

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18503AA01	12,7	11,4	63,5	1,7 - 5,3	1,6 - 3,2		2.000
18504AA01	12,7	11,4	63,5	2,9 - 6,4	1,6 - 3,2		2.000
18505AA01	15,9	14,0	71,9	1,7 - 5,8	1,6 - 3,2		1.000
18506AA01	15,9	14,0	71,9	2,7 - 8,0	1,6 - 3,2		1.000
18507AA01	19,1	16,8	87,9	1,8 - 6,4	1,6 - 3,2		1.000
18508AA01	19,1	16,8	87,9	1,8 - 6,4	1,6 - 3,2		1.000
18509AA01	22,2	19,6	98,0	2,4 - 6,6	1,6 - 3,2		500
18510AA01	22,2	19,6	98,0	6,6 - 13,9	1,6 - 3,2		500
18511AA01	25,4	22,2	109,7	6,6 - 13,9	1,6 - 3,2		500
18512AA01	25,4	22,2	109,7	4,6 - 11,2	1,6 - 3,2		500
18513AA01	28,6	25,4	124,5	12,3 - 18,0	1,6 - 3,2		250





MONTAGEBOHRUNG/
SUGGESTED HOLE

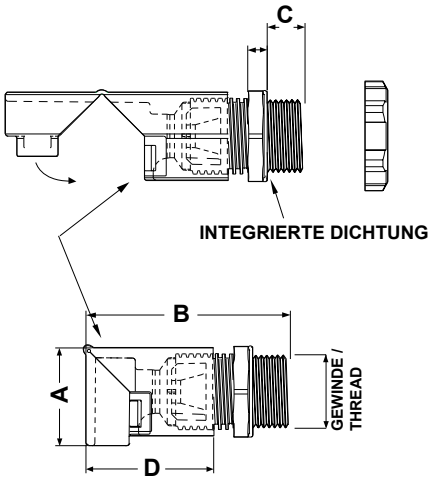
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-20°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Montierbar in einer Bohrung oder Doppel "D" Aussparung / *Install into a Round Hole or Double "D" Hole*

ARTIKEL *P/N*	A	B	C	Ø Kabel *Ø Cable*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18514AA01	12,7	11,4	63,5	6,1 x 6,4	1,6 - 3,2		2.000
18515AA01	12,7	11,4	63,5	5,3 x 5,3	1,6 - 3,2		2.000
18516AA01	15,9	14,0	71,9	5,3 x 8,0	1,6 - 3,2		1.000
18517AA01	15,9	14,0	71,9	5,3 x 5,8	1,6 - 3,2		1.000
18518AA01	19,1	16,8	87,9	5,8 x 10,2	1,6 - 3,2		1.000
18519AA01	19,1	16,8	87,9	5,8 x 6,6	1,6 - 3,2		1.000
18520AA01	22,2	19,6	98,0	6,4 x 11,4	1,6 - 3,2		500
18521AA01	22,2	19,6	98,0	6,5 x 7,4	1,6 - 3,2		500
18522AA01	25,4	22,2	109,7	8,9 x 13,8	1,6 - 3,2		500
18523AA01	25,4	22,2	109,7	7,6 x 10,2	1,6 - 3,2		500
18524AA01	28,6	25,4	124,5	11,0 x 17,9	1,6 - 3,2		250
18525AA01	28,6	25,4	124,5	9,8 x 12,4	1,6 - 3,2		250

90° KABELVERSCHRAUBUNG IP68
LIQUID TIGHT CORDGRIPS





- **Material: PA 6.6** */ Material: PA 6.6*
- **Farbe: Schwarz** */ Colour: Black*
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +115°C**
- **Schutzart** */ Protection index:* IP68
- **Alle Maße sind in mm** */ All dimensions are in mm*

Die Kabelverschraubung ist in offener Position geformt, um die Installation zu erleichtern. Nach dem Einführen des Kabels rastet der Griff ein und biegt das Kabel ohne Beschädigung. Diese Montagemethode spart Zeit und Geld */ Cordgrip is molded in the open position for ease of installation. After cable insertion, the cordgrip snaps closed, bending the cable without damage. This assembly method saves considerable time and money. Locknut included*

Unmontierte Gegenmutter enthalten. */ Unassembled Nylon Locknuts included.*

kann als Kabelverschraubung wie auch als Zugentlastung verwendet werden */ Can be used as Cable Gland as well as strain relief*

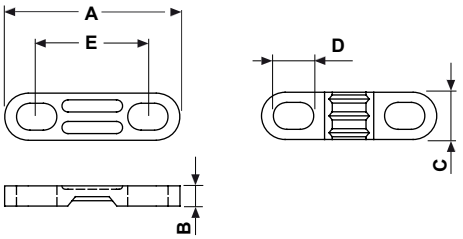
ARTIKEL *P/N*	Bohrung *Hole*	A	B	C	D	Gewinde *Thread*	Ø Kabel *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18535AA01	Ø 12,5	17,5	38,8	8,1	22,0	M12 x 1,5	Ø 1,7 - 5,3		100
18537AA01	Ø 12,5	17,5	38,8	8,1	22,0	M12 x 1,5	Ø 2,9 - 6,4		100
18539AA01	Ø 16,5	22,3	44,9	8,1	27,1	M16 x 1,5	Ø 1,7 - 5,8		100
18541AA01	Ø 16,5	22,3	44,9	8,1	27,1	M16 x 1,5	Ø 2,7 - 8,0		100
18543AA01	Ø 20,5	26,9	56,1	10,4	35,1	M20 x 1,5	Ø 2,4 - 7,4		100
18545AA01	Ø 20,5	26,9	56,1	10,4	35,1	M20 x 1,5	Ø 4,3 - 11,4		100
18549AA01	Ø 13,0	17,5	38,8	8,1	21,8	PG7	Ø 1,7 - 5,3		100
18551AA01	Ø 13,0	17,5	38,8	8,1	21,8	PG7	Ø 2,9 - 6,4		100
18553AA01	Ø 15,5	22,3	44,9	8,1	27,8	PG9	Ø 1,7 - 5,8		100
18555AA01	Ø 15,5	22,3	44,9	8,1	27,1	PG9	Ø 2,7 - 8,0		100
18557AA01	Ø 19,0	25,1	51,0	9,7	31,2	PG11	Ø 1,8 - 6,6		100
18559AA01	Ø 19,0	25,1	51,0	9,7	31,2	PG11	Ø 5,8 - 10,2		100
18547AA01	Ø 21,0	26,9	56,1	10,4	35,1	PG13,5	Ø 2,4 - 7,4		100
18561AA01	Ø 21,0	26,9	56,1	10,4	35,1	PG13,5	Ø 4,3 - 11,4		100

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ZUGENTLASTUNGSKLEMME
STRAIN RELIEF CABLE CLAMPS







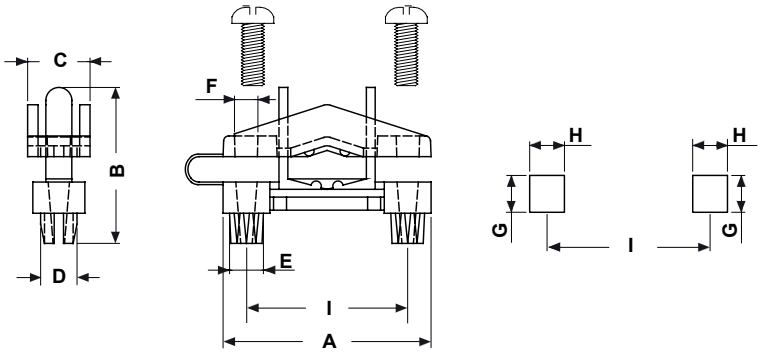
- **Material: PA 6.6 GV /** *Material: Nylon 6.6 GF*
- **Temperaturbereich** */ Working temperature:* **-40°C ~ +100°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** */ Colour: see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Farbe *Colour*	Material *Material*	VPE-Stckz. *Moq-Pcs*
5404AB02	23,0	3,0	7,0	3,3	16,0	**Weiß** */ White*	PA 6.6 20% GF	1.000
0469AB01	23,0	3,0	7,0	4,2	16,0	**Schwarz oder Weiß** */ Black or White**	PA 6.6 25% GF	1.000
3022BB01	26,0	3,0	6,2	4,1	18,0	**Schwarz** */ Black*	PA 6.6 25% GF	1.000
1207BB01	26,0	3,0	7,0	4,2X6,0	14,5 - 18,0	**Schwarz** */ Black*	PA 6.6 25% GF	1.000
4807AB01	26,0	3,2	6,8	4,0X6,0	14,5 - 18,0	**Schwarz** */ Black*	PA 6.6 20% GF	2.500

Umdas Produkt in der Farbe Weiß zu bestellen ersetzen Sie bitte AB01 mit AB02 /

To order the product in the colour White please replace AB01 with AB02

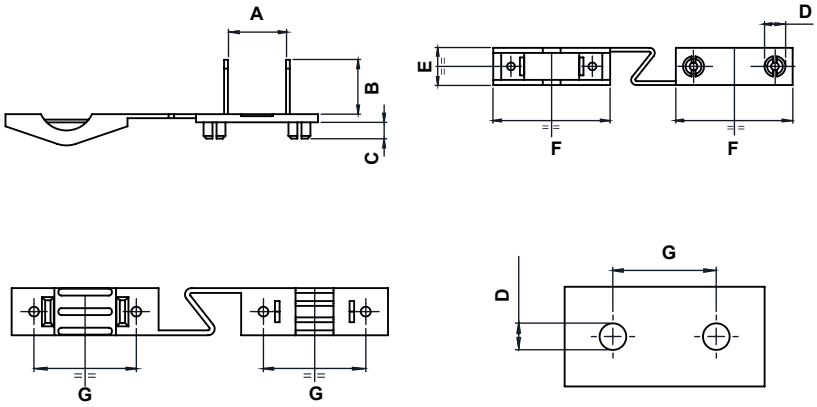




- **Material: PA 6.6** / *Material: PA 6.6*
- **Farbe: Natural** / *Colour: Natural*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability: V2 (UL94)*
- **Schrauben nicht inbegriffen** / *Screws not included*
- **L= max. Kabeldurchmesser** / *L= max. cable diameter*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	L	Stärke *Thickness*	Schrauben *Screws*	VPE-Stckz. *Moq-Pcs*
0007AA00	40,0	31,0	12,0	7,0	6,5	Ø 4,5	7,0	6,6	31,0	Max 14	Max. 2,0	**8P**	500

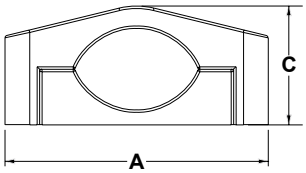


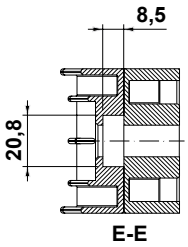


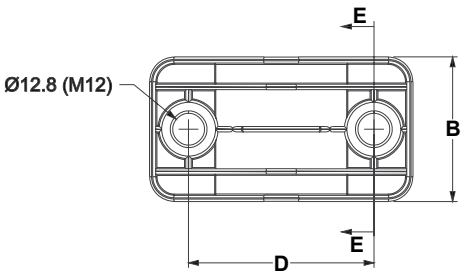
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +130°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Schrauben nicht inbegriffen** / *Screws not included*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Stärke *Thickness*	Schrauben *Screws*	VPE-Stckz. *Moq-Pcs*
18320AR01	21,2	20,0	6,0	Ø 8,0	14,5	44,5	$31,0^{\pm 0,1}$	0,6 - 1,5	ST 3,5 x 25,0	5.000









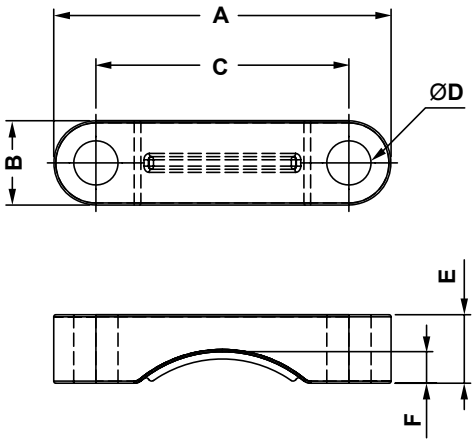
- **Material: PA +20% GF** / *Material: PA +20% GF*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Drehmomentwert** / *Torque value:* **1,0 -7,5 Nm**
- **Alle Maße sind in mm** / *All dimensions are in mm*

Schrauben, Muttern und Unterlegscheiben nicht enthalten / *Screws, Nuts and washers not included*

ARTIKEL *P/N*	A	B	C	D	Kabel Ø *Cable Ø*	VPE-Stckz. *Moq-Pcs*
19311AA01	87,5	47,0	35,0	60,0	1 x Ø 13,0 - 25,0	1
19312AA01	88,0	58,0	42,0	60,0	1 x Ø 20,0 - 36,0	1
19313AA01	106,5	59,0	49,5	75,0	1 x Ø 36,0 - 52,0	1
19314AA01	113,5	59,0	52,0	83,0	1 x Ø 55,0 - 75,0	1
19315AA01	128,0	59,0	64,5	95,0	1 x Ø 75,0 - 95,0	1





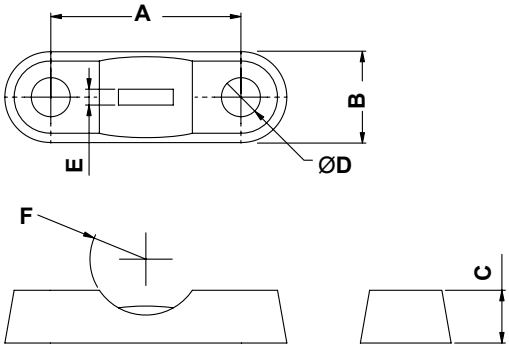


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12821AA01	32,0	8,0	24,0	Ø4,2	6,5	3,0		1.000

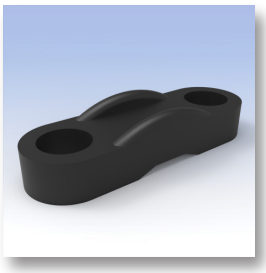


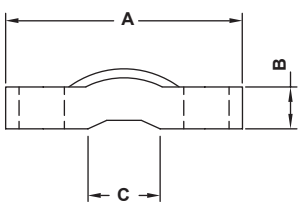


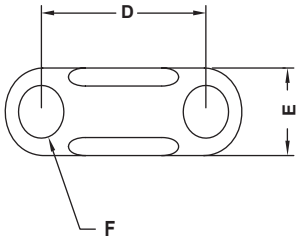


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Grau** / *Colour: Gray*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12826AA11	18,0	8,6	5,0	Ø3,7	1,5	R 5,1		1.000



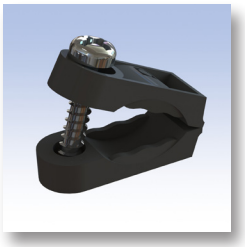


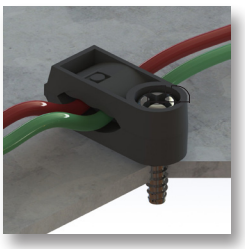


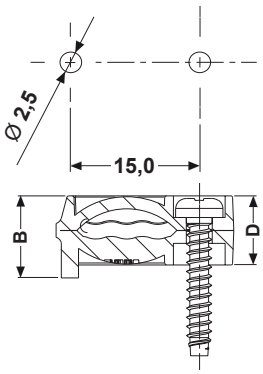
- **Material: PA 6.6 GF** / *Material: PA 6.6 GF*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

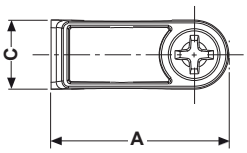
ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
8288AB01	23,0	3,5	7,0	16,0	7,3	Ø 4,4 (x2)		1.000

TYPE 1



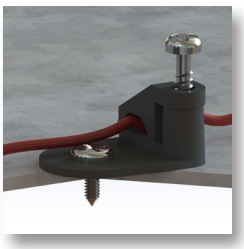


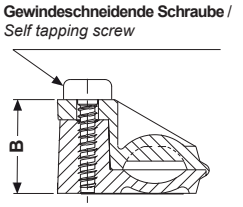


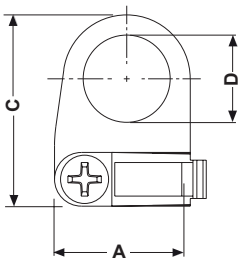


TYPE 2







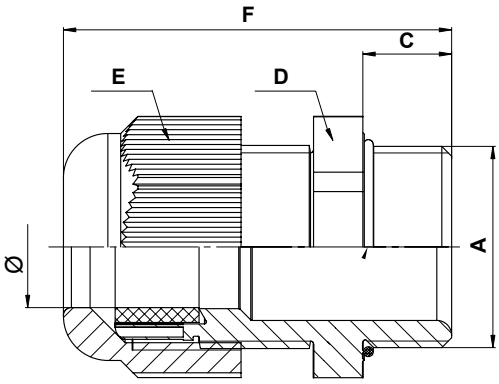


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ + 85° C**
- **Schraube nicht inbegriffen** / *Screw not included*
- **F = Kabeldurchmesser** / *Cable diameter*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	F	VPE-Stckz. *Moq-Pcs*
3284AA01	1	20,0	9,5	8,0	8,0	min. 4,8 max. 6,8	1.000
Dieser Artikel kann für ein Kabel Draht H03VV-F (min. Ø 3,8 / max. Ø 6,8) und H03VVH2-F (min. 3,4 X 5,2 / max. 3,9 X 6,4) verwendet verden. *This part fits wire H03VV-F (min. Ø 3,8 / max Ø 6,8) and H03VVH2-F (min. 3,4 X 5,2 / max. 3,9 X 6,4)*							
3285AA01	2	20,0	14,0	28,5	4,0	3,9 x 6,4	1.000
Dieser Artikel kann für ein Kabel H03VVH2-F (min. 3,4 X 5,2 / max. 3,9 X 6,4) verwendet werden. *This part fits wire H03VVH2-F (min. 3,4 X 5,2 / max. 3,9 X 6,4)*							

RAL 7001 | RAL 7035 | RAL 9005



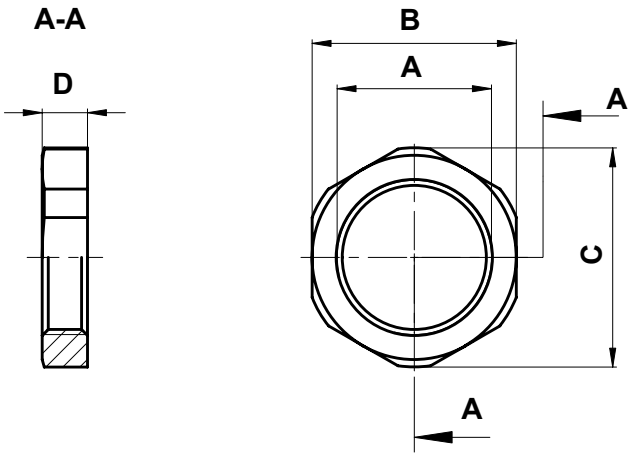


- **Material: PA 6** / *Material: Nylon 6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Siehe Tabelle** / *Colour: see Table*
- **Dichtung aus Polychloropren - Nitril CR/NBR** / *Sealing ring in Polychloropren*e *- Nitrile CR/NBR.*
- **Schutzart = IP68** / *Protection grade = IP68*
- **PG nach DIN 40430** / *PG as per din 40430*
- **Temperaturbereich** / *Working temperature:* **-20°C ~ +100° C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* RAL 7001	ARTIKEL *P/N* RAL 7035	ARTIKEL *P/N* RAL 9005	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
8500AA117001	**8510AA117035**	**8520AA019005**	PG 7	3,0 - 6,5	8,0	15,0	15,0	30,5	100
8501AA117001	**8511AA117035**	**8521AA019005**	PG 9	4,0 - 8,0	8,0	19,0	19,0	34,0	100
8502AA117001	**8512AA117035**	**8522AA019005**	PG 11	5,0 -10,0	8,0	22,0	22,0	37,0	100
8503AA117001	**8513AA117035**	**8523AA019005**	PG 13,5	6,0 - 12,0	9,0	24,0	24,0	39,0	100
8504AA117001	**8514AA117035**	**8524AA019005**	PG 16	10,0 - 14,0	10,0	27,0	27,0	42,5	50
8505AA117001	**8515AA117035**	**8525AA019005**	PG 21	13,0 - 18,0	11,0	33,0	33,0	47,5	50
8506AA117001	**8516AA117035**	**8526AA019005**	PG 29	18,0 - 25,0	11,0	42,0	42,0	53,0	25
8507AA117001	**8517AA117035**	**8527AA019005**	PG 36	22,0 - 32,0	13,0	53,0	53,0	61,0	10
8508AA117001	**8518AA117035**	**8528AA019005**	PG 42	30,0 - 38,0	13,0	60,0	60,0	65,0	5
8509AA117001	**8519AA117035**	**8529AA019005**	PG 48	34,0 - 44,0	14,0	65,0	65,0	67,0	5

O-Ring ab PG 29 Vormontiert / *O-Ring pre-assembled from PG 29*



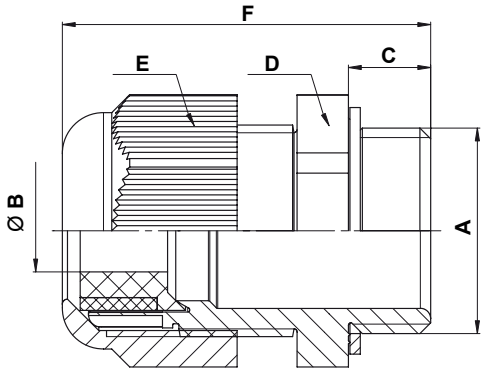


- **Material: siehe Tabelle** / *Material: see Table*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / *Working temperature:* **-20°C ~ +100° C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **PG nach DIN 40430** / *PG as per DIN 40430*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* RAL 7001	**ARTIKEL** *P/N* RAL 7035	**ARTIKEL** *P/N* RAL 9005	**A**	**B**	**C**	**D**	**Material** *Material*	**VPE-Stckz.** *Moq-Pcs*
8630BB117001	**8530BB117035**	**8540BB019005**	PG 7	19,0	21,0	5,0	PA 6.6 GF	100
8631BB117001	**8531BB117035**	**8541BB019005**	PG 9	22,0	24,0	5,0	PA 6.6 GF	100
8632BB117001	**8532BB117035**	**8542BB019005**	PG 11	24,0	26,0	5,0	PA 6.6 GF	100
8633BB117001	**8533BB117035**	**8543BB019005**	PG 13,5	27,0	29,0	6,0	PA 6.6 GF	100
8634BB117001	**8534BB117035**	**8544BB019005**	PG 16	30,0	33,0	6,0	PA 6.6 GF	100
8635BB117001	**8535BB117035**	**8545BB019005**	PG 21	36,0	39,0	7,0	PA 6.6 GF	100
8636BB117001	**8536BB117035**	**8546BB019005**	PG 29	46,0	50,0	7,0	PA 6.6 GF	100
8637AA117001	**8537AA117035**	**8547AA019005**	PG 36	60,0	66,0	8,0	PA 6	50
8638AA117001	**8538AA117035**	**8548AA019005**	PG 42	65,0	72,8	8,0	PA 6	50
8639AA117001	**8539AA117035**	**8549AA019005**	PG 48	70,0	78,0	8,0	PA 6	50

RAL 7001 | RAL 7035 | RAL 9005





- **Material: PA 6** / *Material: Nylon 6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Dichtung aus Polychloropren - Nitril CR/NBR** / *Sealing ring in Polychloroprene - Nitrile CR/NBR.*
- **Schutzart = IP68** / *Protection grade = IP68*
- **Metrisch nach EN 60423** / *Metric as per EN 60423.*
- **Temperaturbereich** / *Working temperature:* **-20°C ~ +100° C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

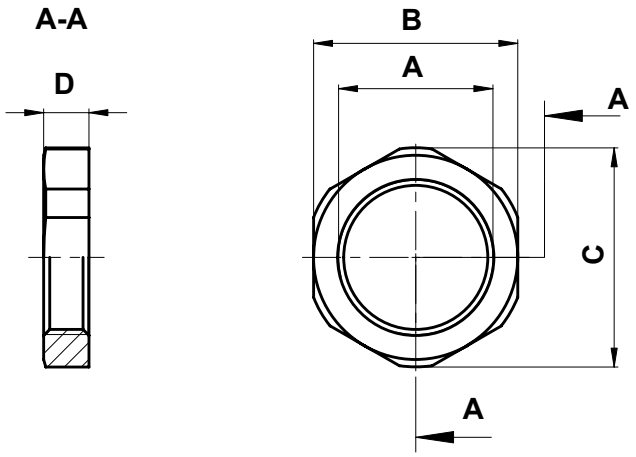
ARTIKEL *P/N* RAL 7001	ARTIKEL *P/N* RAL 7035	ARTIKEL *P/N* RAL 9005	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
8584AA117001	**8592AA117035**	**8600AA019005**	M12	3,0 - 6,0	8,0	15,0	15,0	31,0	100
8585AA117001	**8593AA117035**	**8601AA019005**	M16	5,0 - 10,0	8,0	20,0	20,0	35,5	100
8586AA117001	**8594AA117035**	**8602AA019005**	M20	8,0 - 13,0	8,0	24,0	24,0	36,0	100
8587AA117001	**8595AA117035**	**8603AA019005**	M25	11,0 - 17,0	9,0	29,0	29,0	43,0	50
8588AA117001	**8596AA117035**	**8604AA019005**	M32	15,0 - 21,0	10,0	36,0	36,0	50,0	25
8589AA117001	**8597AA117035**	**8605AA019005**	M40	19,0 - 28,0	10,0	46,0	46,0	51,0	10
8590AA117001	**8598AA117035**	**8606AA019005**	M50	27,0 - 35,0	12,0	55,0	55,0	61,5	5
8591AA117001	**8599AA117035**	**8607AA019005**	M63	32,0 - 42,0	12,0	68,0	68,0	65,5	5

ab Größe M32 ist eine Flachdichtung montiert / *Flatsealing pre-assembled from M32*

SECHSKANTMUTTER MIT METRISCHEM GEWINDE
METRIC THREAD HEXAGONAL LOCKNUTS

RAL 7001 RAL 7035 RAL 9005



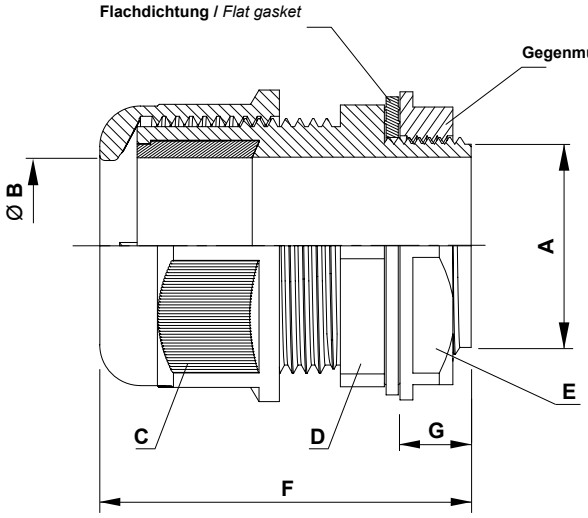


- **Material: PA 6 GF (M50-M63 PA 6) /** *Material: Nylon 6 GF (M50-M63 PA6)*
- **Temperaturbereich /** *Working temperature:* **-20°C ~ +100° C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Siehe Tabelle** / *Colour: see Table*
- **Metrisch nach EN 60423 /** *Metric as per EN 60423*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N* RAL 7001	**ARTIKEL** *P/N* RAL 7035	**ARTIKEL** *P/N* RAL 9005	**A**	**B**	**C**	**D**	**Material** *Material*	**VPE-Stckz.** *Moq-Pcs*
8641BB117001	**8616BB117035**	**8608BB019005**	M12	17,0	19,0	5,0	PA 6 GF	100
8642BB117001	**8617BB117035**	**8609BB019005**	M16	22,0	25,0	5,0	PA 6 GF	100
8643BB117001	**8618BB117035**	**8610BB019005**	M20	27,0	30,0	6,0	PA 6 GF	100
8644BB117001	**8619BB117035**	**8611BB019005**	M25	32,0	36,0	6,0	PA 6 GF	100
8645BB117001	**8620BB117035**	**8612BB019005**	M32	41,0	46,0	7,0	PA 6 GF	100
8646BB117001	**8621BB117035**	**8613BB019005**	M40	50,0	54,0	7,0	PA 6 GF	50
8647AA117001	**8622AA117035**	**8614AA019005**	M50	60,0	67,0	8,0	PA 6	50
11442AA117001	**8623AA117035**	**8615AA019005**	M63	75,0	83,0	8,0	PA 6	50







- **Material: PA 6.6** / *Material: PA 6.6*
- **Dichtungseinsatz: EPDM** / *Seal: EPDM*
- **Flachdichtung: EPDM** / *Flat gasket: EPDM*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Schutzart** / *Protection grade: IP68*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

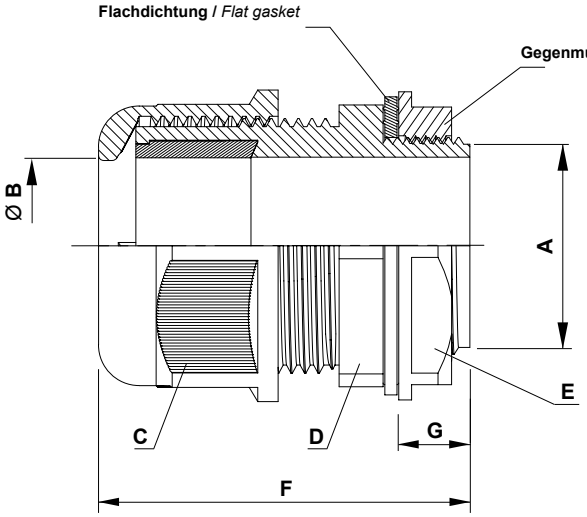
Kabelverschraubung mit Flachdichtung und Gegenmutter vormontiert / *Cable gland with flat gasket and locknut assembled*

ARTIKEL *P/N* RAL 7035	**ARTIKEL** *P/N* RAL 9005	**A**	**ØB**	**C**	**D**	**E**	**F**	**G**	**Anzugsdrehmoment Nm** */Tightening torque Nm*	**VPE-Stckz.** *Moq-Pcs*
19279AA117035	**19279AA019005**	M12	3,0-6,5	17,0	15,7	33	26,6	8,3	2,3	100
19280AA117035	**19280AA019005**	M16	4,0-8,0	21,9	18,7	41	31,2	9,2	3,5	100
19281AA117035	**19281AA019005**	M20	6,0-12,0	27,0	23,7	52	36,3	10,2	6,0	100
19282AA117035	**19282AA019005**	M25	13,0-18,0	32,9	32,7	60	43,5	12,4	9,0	100
19283AA117035	**19283AA019005**	M32	18,0-25,0	40,8	41,8	74	47,7	12,7	11,0	100
19284AA117035	**19284AA019005**	M40	24,0-32,0	51,7	51,5	17,3	55,7	15,6	15,0	20
19285AA117035	**19285AA019005**	M50	30,0-40,0	60,2	61,5	20,7	66,3	20,5	28,0	20
19286AA117035	**19286AA019005**	M63	35,0-45,0	74,2	67,8	26,3	69,2	20,5	34,0	10

PG KABELVERSCHRAUBUNG VORMONTIERT
PG CABLE GLAND ASSEMBLED







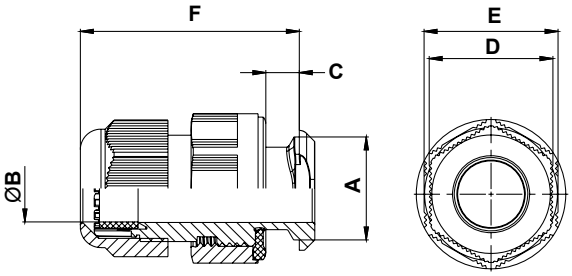
- **Material: PA 6.6** / *Material: PA 6.6*
- **Dichtungseinsatz: EPDM** / *Seal: EPDM*
- **Flachdichtung: EPDM** / *Flat gasket: EPDM*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Schutzart** / *Protection grade: IP68*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

Kabelverschraubung mit Flachdichtung und Gegenmutter vormontiert / *Cable gland with flat gasket and locknut assembled*

ARTIKEL *P/N* RAL 7035	ARTIKEL *P/N* RAL 9005	A	ØB	C	D	E	F	G	Anzugsdrehmoment Nm / *Tightening torque Nm*	VPE-Stckz. *Moq-Pcs*
19269AA117035	**19269AA019005**	PG7	3,0-6,5	17,0	15,7	17,3	45,5	8,2	2,3	100
19270AA117035	**19270AA019005**	PG9	4,0-8,0	21,9	18,7	20,7	31,2	9,2	3,5	100
19271AA117035	**19271AA019005**	PG11	5,0-10,0	23,9	21,8	23,3	33,3	9,2	5	100
19272AA117035	**19272AA019005**	PG13.5	6,0-12,0	27,0	23,7	26,3	36,1	10,0	6	100
19273AA117035	**19273AA019005**	PG16	7,0-14,0	29,9	27,0	28,8	37,5	10,2	8	100
19274AA117035	**19274AA019005**	PG21	13,0-18,0	35,2	32,8	33	43,3	12,3	9	100
19275AA117035	**19275AA019005**	PG29	18,0-25,0	45,0	42,0	41	47,7	12,7	11	50
19276AA117035	**19276AA019005**	PG36	24,0-32,0	61,8	51,8	52	55,5	15,5	15	20
19277AA117035	**19277AA019005**	PG42	31,0-41,0	72,0	51,5	60	66,4	20,5	28	20







- **Material Hutmutter: PA 6** / *Material Dome nut: Nylon 6*
- **Material Dichtung: Polychloropren - Nitril CR/NBR** / *Material Sealing ring: Polychloroprene - Nitrile CR/NBR.*
- **Material: PA 6** / *Material gland body: Nylon 6*
- **Material: PA 6 GF30** / *Material mounting nut: Nylon 6 GF30*
- **Material O-Ring: NBR/PTFE** / *Material O-Ring: NBR/PTFE*
- **Farbe: Siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Schutzart = IP68** / *Protection grade = IP68*
- **Temperaturbereich** / *Working temperature:* **-20°C ~ +100° C**
- **Metrisch nach DIN EN 50262** / *Metric as per DIN EN 50262*
- **Alle Maße sind in mm** / *All dimensions are in mm*

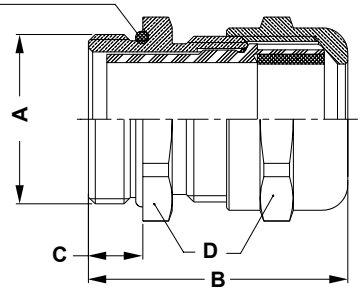
ARTIKEL *P/N* RAL 7001	ARTIKEL *P/N* RAL 7035	ARTIKEL *P/N* RAL 9005	Ø Kabel *Ø Cable*	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
8821AA117001	**8821AA117035**	**8821AA019005**	16,1-16,3	5-10	1,0-4,0	20,0	24,0	38,5	100
8822AA117001	**8822AA117035**	**8822AA019005**	20,1-20,4	8-13	1,0-4,0	24,0	26,0	42,5	100
8823AA117001	**8823AA117035**	**8823AA019005**	25,1-25,4	11-17	1,0-4,0	29,0	32,0	48,0	50
8836AA117001	**8836AA117035**	**8836AA019005**	32,1-32,4	15-21	1,0-4,0	36,0	42,0	58,5	25

HAUPTMERKMALE UND VORTEILE
MAIN FEAUTURES AND ADVANTAGES

- **Schnelle und einfache Montage ohne Spezialwerkzeug**
  Quick and easy installation without special tools
- **Problemlose Montage und Demontage von der Vorderseite**
  Trouble-free mounting and dismounting from one side
- **Gegenmutter auf der Innenseite nicht notwendig**
  Locknut on the inner side dispensable
- **Vorteilhaft für den Einbau in Bereichen mit begrenztem Platzangebot**
  Advantageous for installation in areas with limited space
- **Kein Innengewinde erforderlich**
  No inner thread required
- **Stufenlos Wandstärke von 1-4 mm**
  Continuously adjustable in wall thickness from 1-4 mm
- **Integrierte Verankerung**
  Integrated anchorage



O-RING IST BEREITS MONTIERT
O-RING INCLUDED AND MOUNTED

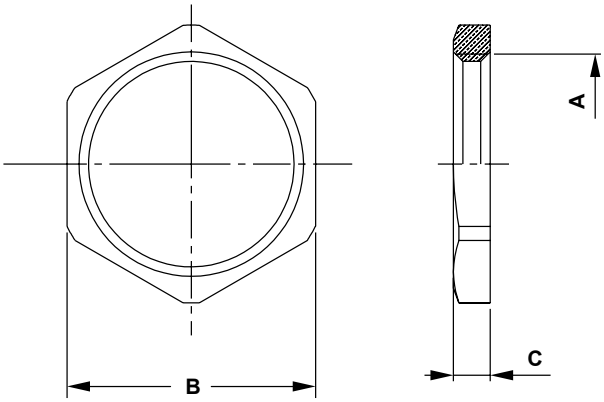


- **Verschraubungmutter: Messing vernickelt**
  Cap nut: Brass with nickel plated
- **Kabelverschraubung: Messing vernickelt**
  Gland body: Brass with nickel plated
- **Stützring: PA 6** / *Clamping insert: PA 6*
- **Dichtring** / *Sealing ring:* **Neoprene 65 Shore A**
- **O-Ring: Nitrile 70 Shore A** / *O-Ring: Nitrile 70 Shore A*
- **Metrisch** / *Metric*
- **Schutzklasse** / *Protection grade:* **IP68**
- **Temperaturbereich** / *Working temperature:* **-40 °C +100 °C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Ø Kabel** *Ø Cable*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
15164MA92	M 12	25,0	5,0	14,0	2,5 - 6,5		50
15165MA92	M 16	28,0	5,0	17,0	4,0 - 9,5		50
15166MA92	M 20	32,0	6,0	22,0	7,0 - 13,0		50
15167MA92	M 25	35,0	7,0	27,0	8,0 - 16,0		25
15168MA92	M 32	38,0	8,0	34,0	11,0 - 21,0		20
15169MA92	M 40	41,0	8,0	42,0	15,0 - 27,0		10
15170MA92	M 50	46,0	9,0	55,0	22,0 - 35,0		5
15171MA92	M 63	54,0	10,0	65,0	35,0 - 48,0		5

MESSING SECHSKANTMUTTER MIT METRISCH GEWINDE
BRASS METRIC THREAD HEXAGONAL LOCKNUTS





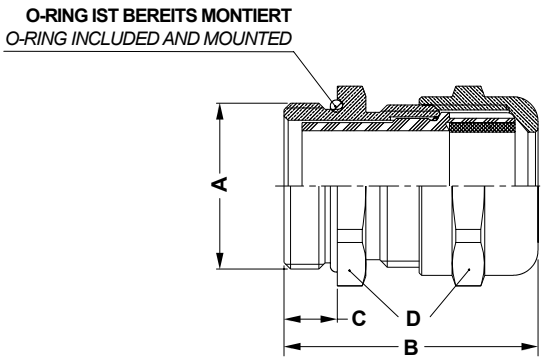
- **Material: Messing vernickelt** */ Material: Nickel plated brass*
- **Temperaturbereich** */ Working temperature:* **-60°C ~ +200°C**
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
15182MA92	M 12	15,0	3,0	50
15183MA92	M 16	19,0	3,0	50
15184MA92	M 20	24,0	3,5	50
15185MA92	M 25	30,0	3,5	25
15186MA92	M 32	35,0	4,5	20
15187MA92	M 40	45,0	4,5	10
15188MA92	M 50	55,0	5,5	5
15189MA92	M 63	70,0	6,0	5
15190MA92	M 75	80,0	8,0	5

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MESSING KABELVERSCHRAUBUNG MIT PG GEWINDE
BRASS PG THREAD CABLE GLANDS



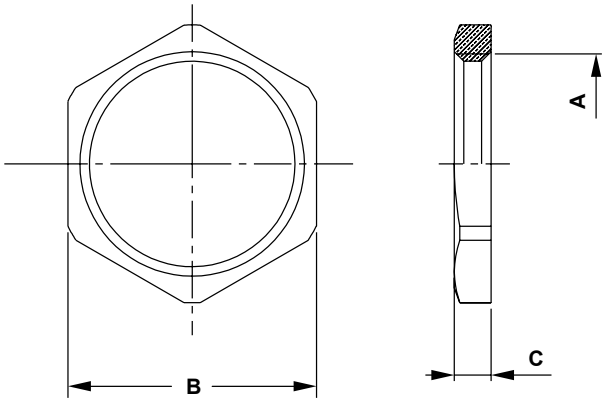


- **Verschraubungmutter: Messing vernickelt**
  Cap nut: Brass with nickel plated
- **Kabelverschraubung: Messing vernickelt**
  Gland body: Brass with nickel plated
- **Stützring: PA 6** / *Clamping insert: PA 6*
- **Dichtring** / *Sealing ring:* **Neoprene 65 Shore A**
- **O-Ring: Nitrile 70 Sh A** / *O-Ring: Nitrile 70 Sh A*
- **PG** / *PG*
- **Schutzklasse** / *Protection grade:* **IP68**
- **Temperaturbereich** / *Working temperature:* **-40 °C +100 °C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Ø KABEL *Ø Cable*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15172MA92	PG 7	25,0	5,0	14,0	2,5 - 6,5		50
15173MA92	PG 9	29,0	6,0	17,0	4,0 - 9,5		50
15174MA92	PG 11	30,0	6,0	20,0	6,0 - 11,5		50
15175MA92	PG 13	32,5	6,5	22,0	7,0 - 13,0		50
15176MA92	PG 16	34,0	6,5	24,0	8,0 - 15,0		50
15177MA92	PG 21	35,0	7,0	30,0	11,0 - 19,0		20
15178MA92	PG29	38,0	8,0	40,0	16,0 - 26,0		20
15179MA92	PG36	42,0	9,0	50,0	22,0 - 34,5		10
15180MA92	PG42	47,0	10,0	58,0	27,0 - 40,0		5
15181MA92	PG48 DIN	54,0	10,0	65,0	35,0 - 48,0		5

MESSING SECHSKANTMUTTER PG-GEWINDE
BRASS PG THREAD HEXAGONAL LOCKNUTS





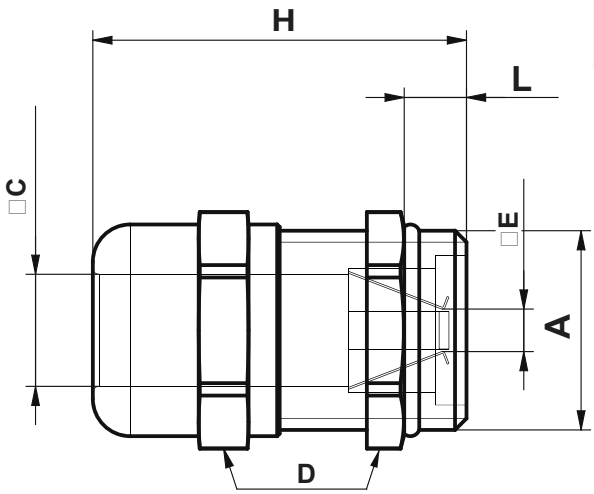
- **Material: Messing vernickelt** / *Material: Nickel plated brass*
- **Temperaturbereich** / *Working temperature:* **-60°C ~ +200°C**
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
15191MA92	PG 7	15,0	2,9	50
15192MA92	PG 9	18,0	2,9	50
15193MA92	PG 11	21,0	3,1	50
15194MA92	PG 13	23,0	3,1	50
15195MA92	PG 16	26,0	3,1	50
15196MA92	PG 21	32,0	3,6	20
15197MA92	PG 29	41,0	4,1	20
15198MA92	PG 36	51,0	5,1	10
15199MA92	PG 42	60,0	5,1	5
15200MA92	PG 48	64,0	5,6	5

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EMV MESSING KABELVERSCHRAUBUNG
BRASS METRIC CABLE GLANDS EMC



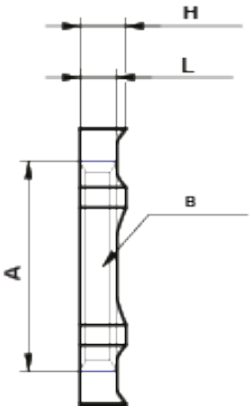


- **Verschraubungsmutter: Messing vernickelt**
  Cap nut: Brass with nickel plated
- **Kabelverschraubung: Messing vernickelt**
  Gland body: Brass with nickel plated
- **Stützring: PA 6** / *Clamping insert: PA 6*
- **O-Ring: NBR** / *O-Ring: NBR*
- **Metrisch nach EN 60423** / *Metric as per EN 60423*
- **Schutzklasse** / *Protection grade:* **IP68**
- **Temperaturbereich** / *Working temperature:* **-40 °C +100 °C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	C	E	L	D	H	VPE-Stckz. *Moq-Pcs*
18575MA92	M16	5,0 - 9,0	Ø 2,0 - 8,0	5,0	17,0	30,0	100
18576MA92	M20	9,0 - 13,0	Ø 3,0 - 11,0	6,0	22,0	33,5	100
18577MA92	M25	11,0 - 16,0	Ø 8,0 - 14,0	7,0	27,0	36,5	50
18578MA92	M32	14,0 - 20,0	Ø 10,0 - 19,0	8,0	34,0	38,0	25
18579MA92	M40	19,0 - 27,0	Ø 15,0 - 25,0	8,0	43,0	41,0	10
18580MA92	M50	24,0 - 35,0	Ø 22,0 - 33,0	9,0	55,0	49,5	5
18581MA92	M63	32,0 - 42,0	Ø 31,0 - 40,0	10,0	65,0	52,5	5

EMV SECHSKANTMUTTER MIT METRISCH GEWINDE
EMC METRIC THREAD HEXAGONAL LOCKNUTS



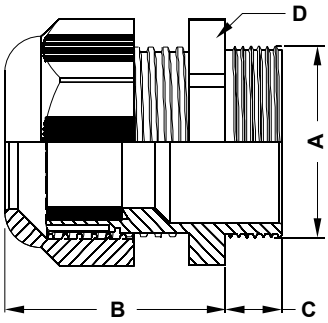


- **Material: Messing Bleifrei, vernickelt** / *Material: Nickel plated brass lead free*
- **Temperaturbereich** / *Working temperature:* **-40 °C +100 °C**
- **Metrisch nach EN 60423** / *Metric as per EN 60423*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**H**	**L**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
18501MA92	M16	19,0	3,5	2,8		100
17943MA92	M20	24,0	3,7	3,0		100
18502MA92	M25	30,0	4,2	3,5		100
18582MA92	M32	36,0	4,7	4,0		100
18583MA92	M40	46,0	5,7	5,0		50
18584MA92	M50	60,0	5,7	5,0		50
18585MA92	M63	70,0	6,7	6,0		50

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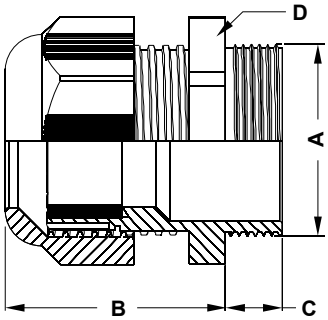
Schutzart / *Type of protection*
II 2G Ex eb IIc Gb
II 2D Ex tb IIIc Db

- **Material: PA 6** / *Material: Nylon 6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Schutzart = IP68** / *Protection grade = IP68*
- **Metrisch nach EN 60423** / *Metric as per EN 60423.*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100° C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N RAL 9005*	ARTIKEL *P/N RAL 5015*	A	B	C	D	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
15042AA019005	**15054AA085015**	M 12	24,0	8,0	15,0	3,0 - 6,5	200
15043AA019005	**15055AA085015**	M 16	28,0	8,0	19,0	4,0 - 8,0	200
15044AA019005	**15056AA085015**	M 16	29,0	10,0	22,0	5,0 - 10,0	200
15045AA019005	**15057AA085015**	M 20	29,0	10,0	24,0	4,0 - 10,0	200
15046AA019005	**15058AA085015**	M 20	29,0	10,0	24,0	6,0 - 12,0	200
15047AA019005	**15059AA085015**	M 20	33,0	10,0	27,0	10,0 -14,0	200
15048AA019005	**15060AA085015**	M 25	38,0	10,0	33,0	9,0 - 17,0	150
15049AA019005	**15061AA085015**	M 25	38,0	10,0	33,0	13,0 - 18,0	150
15050AA019005	**15062AA085015**	M 32	41,0	10,0	42,0	18,0 - 25,0	100
15051AA019005	**15063AA085015**	M 40	51,0	10,0	53,0	22,0 - 32,0	50
15052AA019005	**15064AA085015**	M 50	53,0	18,0	60,0	30,0 - 38,0	25
15053AA019005	**15065AA085015**	M 63	55,0	18,0	70,0	34,0 - 44,0	25

KABELVERSCHRAUBUNGEN IP 68 ATEX
CABLE GLANDS IP 68 ATEX





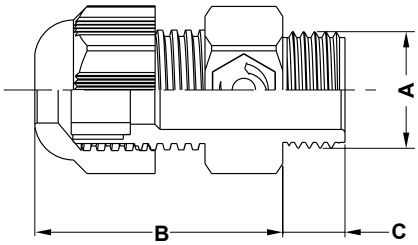
Schutzart / *Type of protection*
II 2G Ex eb IIc Gb
II 2D Ex tb IIIc Db

- **Material: PA 6** / *Material: Nylon 6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Schutzart = IP68** / *Protection grade = IP68*
- **PG nach DIN 40430** / *PG as per DIN 40430*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100° C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N RAL 9005*	ARTIKEL *P/N RAL 5015*	A	B	C	D	Ø Kabel *Ø Cable*	VPE-Stckz. *Moq-Pcs*
15066AA019005	**15079AA085015**	PG-7	24,0	8,0	15,0	3,0 - 6,5	200
15067AA019005	**15080AA085015**	PG-9	28,0	8,0	19,0	4,0 - 8,0	200
15068AA019005	**15081AA085015**	PG-11	29,0	8,0	22,0	5,0 - 10,0	200
15069AA019005	**15082AA085015**	PG-13.5	29,0	9,0	24,0	4,0 - 10,0	200
15070AA019005	**15083AA085015**	PG-13.5	29,0	9,0	24,0	6,0 - 12,0	200
15071AA019005	**15084AA085015**	PG-16	33,0	9,0	27,0	10,0 - 14,0	200
15072AA019005	**15085AA085015**	PG-21	38,0	11,0	33,0	13,0 - 18,0	150
15073AA019005	**15086AA085015**	PG-21	38,0	11,0	33,0	9,0 - 17,0	150
15074AA019005	**15087AA085015**	PG-29	41,0	11,0	42,0	18,0 - 25,0	100
15075AA019005	**15088AA085015**	PG-36	51,0	11,0	53,0	22,0 - 32,0	50
15076AA019005	**15089AA085015**	PG-42	53,0	11,0	60,0	30,0 - 38,0	25
15077AA019005	**15090AA085015**	PG-48	55,0	14,0	65,0	34,0 - 44,0	25

KABELVERSCHRAUBUNGEN MIT AUSGLEICHSVENTIL
PLASTIC VENTILATION GLANDS PG

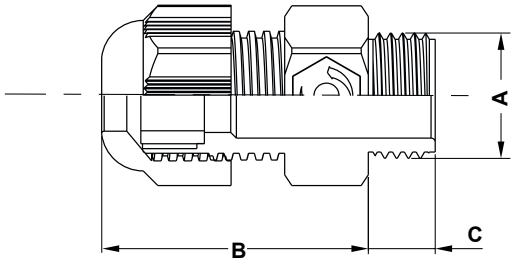




- **Material: PA6 V2(UL94)** */ Gland body material: PA6 V2(UL94)*
- **Farbe: Siehe Tabelle** */ Colour: see Table*
- **Dichtring: TPV /** *Sealing ring: TPV*
- **O-Ring: NBR - EPDM /** *O-ring: NBR - EPDM*
- **Temperaturbereich /** *Working temperature:* **-20°C ~ +100°C**
- **Schutzart /** *Protection grade: IP68*
- **Luftdurchsatz 70l/Std.***/ Average Air Flow 70l/h Referenzwert von 70 mbar Druckunterschied*
- **Wassereintrittpunkt 0,1mbar** */ Water instrusion 0,1mbar*
- **PG (DIN 40430) /** *PG (DIN 40430)*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Farbe Colour	Ø Kabel *Ø Cable*	Ø Bohrung *Ø Hole*	VPE-Stckz. *Moq-Pcs*
13255AA117035	PG 7	29,0	8,0	Grau RAL 7035	4,0 - 8,0	Ø 13,0	100
13256AA117035	PG 9	33,0	8,0	Grau RAL 7035	4,0 - 8,0	Ø 15,5	100
13257AA117035	PG11	34,0	10,0	Grau RAL 7035	5,0 - 10,0	Ø 19,0	100
13258AA117035	PG13,5	34,0	10,0	Grau RAL 7035	4,0 - 9,0	Ø 21,0	100
13259AA117035	PG13,5	34,0	10,0	Grau RAL 7035	6,0 - 12,0	Ø 21,0	100
13255AA019005	PG 7	29,0	8,0	Schwarz RAL 9005	4,0 - 8,0	Ø 13,0	100
13256AA019005	PG 9	33,0	8,0	Schwarz RAL 9005	4,0 - 8,0	Ø 15,5	100
13257AA019005	PG11	34,0	10,0	Schwarz RAL 9005	5,0 - 10,0	Ø 19,0	100
13258AA019005	PG13,5	34,0	10,0	Schwarz RAL 9005	4,0 - 9,0	Ø 21,0	100
13259AA019005	PG13,5	34,0	10,0	Schwarz RAL 9005	6,0 - 12,0	Ø 21,0	100



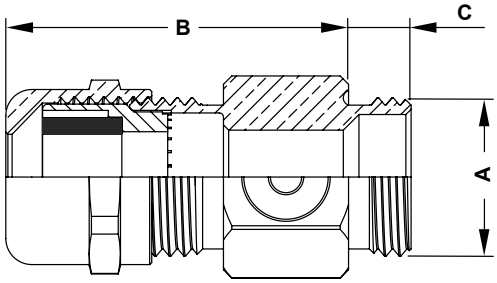


HALOGEN FREE

- **Material: PA6 V2(UL94)** */ Gland body material: PA6 V2(UL94)*
- **Dichtring: TPV /** *Sealing ring: TPV*
- **O-Ring: NBR - EPDM /** *O-ring: NBR - EPDM*
- **Temperaturbereich /** *Working temperature:* **-20°C ~ +100°C**
- **Schutzart /** *Protection grade: IP68*
- **Luftdurchsatz 70l/Std.***/ Average Air Flow 70l/h Referenzwert von 70 mbar Druckunterschied*
- **Wassereintrittpunkt 0,1mbar** */ Water instrusion 0,1mbar*
- **Metrisch (EN 60423)** */ Metric (EN 60423)*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Farbe *Colour*	Ø Kabel *Ø Cable*	Ø Bohrung *Ø Hole*	VPE-Stckz. *Moq-Pcs*
13250AA117035	M12	29,0	8,0	Grau RAL 7035	4,0 - 6,5	Ø 12,5	100
13251AA117035	M16	33,0	8,0	Grau RAL 7035	4,0 - 8,0	Ø 16,5	100
13252AA117035	M16	34,0	10,0	Grau RAL 7035	5,0 - 10,0	Ø 16,5	100
13253AA117035	M 20	40,5	10,0	Grau RAL 7035	4,0 - 9,0	Ø 20,5	100
13254AA117035	M 20	40,5	10,0	Grau RAL 7035	6,0 - 12,0	Ø 20,5	100
13250AA019005	M12	29,0	8,0	Schwarz RAL 9005	4,0 - 6,5	Ø 12,5	100
13251AA019005	M16	33,0	8,0	Schwarz RAL 9005	4,0 - 8,0	Ø 16,5	100
13252AA019005	M16	34,0	10,0	Schwarz RAL 9005	5,0 - 10,0	Ø 16,5	100
13253AA019005	M 20	40,5	10,0	Schwarz RAL 9005	4,0 - 9,0	Ø 20,5	100
13254AA019005	M 20	40,5	10,0	Schwarz RAL 9005	6,0 - 12,0	Ø 20,5	100

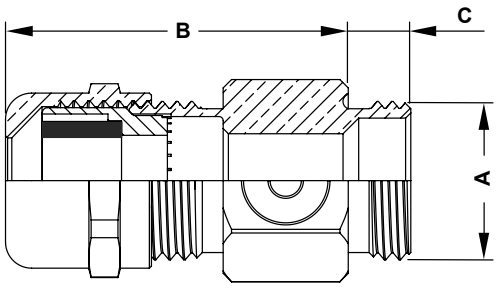




- **Material: Messing vernickelt** */ Gland body material: Brass nickel plated*
- **Dichtring: TPV /** *Sealing Ring: TPV*
- **O-Ring: NBR - EPDM /** *O-Ring: NBR - EPDM*
- **Temperaturbereich /** *Working temperature:* **-20°C ~ +100°C**
- **Schutzart /** *Protection grade: IP68*
- **Luftdurchsatz 70l/Std.***/ Average Air Flow 70l/h Referenzwert von 70 mbar Druckunterschied*
- **Wassereintrittpunkt 0,1mbar** */ Water instrusion 0,1mbar*
- **PG (DIN 40430)** */ PG (DIN 40430)*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**Ø Kabel** *Ø Cable*	**Ø Bohrung** *Ø Hole*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
13235MA92	Pg 7	31,5	6,0	4,0 - 8,0	Ø 13,0		100
13236MA92	Pg 7	31,5	8,0	4,0 - 8,0	Ø 13,0		100
13237MA92	Pg 9	31,5	6,0	4,0 - 8,0	Ø 15,5		100
13238MA92	Pg 9	31,5	8,0	4,0 - 8,0	Ø 15,5		100
13239MA92	Pg 11	33,5	6,0	5,0 - 10,0	Ø 19,0		100
13240MA92	Pg 11	33,5	8,0	5,0 - 10,0	Ø 19,0		100
13241MA92	Pg 13,5	35,0	6,5	6,0 - 12,0	Ø 21,0		100
13242MA92	Pg 13,5	35,0	8,0	6,0 - 12,0	Ø 21,0		100

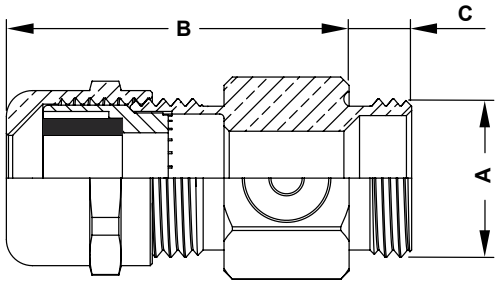




- **Material: Edelstahl** */ Gland body material: Stainless steel*
- **Dichtring: TPV** */ Sealing Ring: TPV*
- **O-Ring: NBR - EPDM** */ O-Ring: NBR - EPDM*
- **Temperaturbereich** */ Working temperature:* **-20°C ~ +100°C**
- **Schutzart** */ Protection grade: IP68*
- **Luftdurchsatz 70l/Std.**/ *Average Air Flow 70l/h Referenzwert von 70 mbar Druckunterschied*
- **Wassereintrittpunkt 0,1mbar** / *Water instrusion 0,1mbar*
- **PG DIN 40430** */ PG according DIN 40430*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**Ø Kabel** *Ø Cable*	**Ø Bohrung** *Ø Hole*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
13235MD90	Pg 7	31,5	6,0	4,0 - 8,0	Ø 13,0		100
13236MD90	Pg 7	31,5	8,0	4,0 - 8,0	Ø 13,0		100
13237MD90	Pg 9	31,5	6,0	4,0 - 8,0	Ø 15,5		100
13238MD90	Pg 9	31,5	8,0	4,0 - 8,0	Ø 15,5		100
13239MD90	Pg 11	33,5	6,0	5,0 - 10,0	Ø 19,0		100
13240MD90	Pg 11	33,5	8,0	5,0 - 10,0	Ø 19,0		100
13241MD90	Pg 13,5	33,5	6,5	6,0 - 12,0	Ø 21,0		100
13242MD90	Pg 13,5	33,5	8,0	6,0 - 12,0	Ø 21,0		100

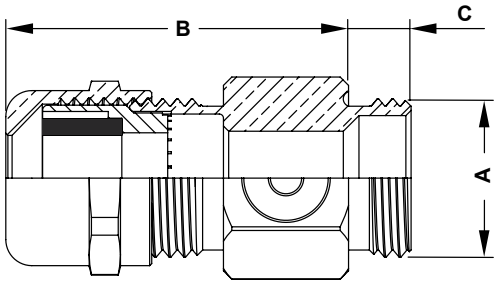




- **Material: Messing vernickelt** */ Gland body material: Brass nickel plated*
- **Dichtring: TPV** */ Sealing Ring: TPV*
- **O-Ring: NBR - EPDM** */ O-Ring: NBR - EPDM*
- **Temperaturbereich** */ Working temperature:* **-20°C ~ +100°C**
- **Schutzart** */ Protection grade: IP68*
- **Luftdurchsatz 70l/Std.***/ Average Air Flow 70l/h Referenzwert von 70 mbar Druckunterschied*
- **Wassereintrittpunkt 0,1mbar** */ Water instrusion 0,1mbar*
- **Metrisch (EN 60423)** */ Metric (EN 60423)*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**Ø Kabel** *Ø Cable*	**Ø Bohrung** *Ø Hole*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
13225MA92	M12	31,5	6,0	4,0 - 8,0	Ø 12,3		100
13226MA92	M12	31,5	8,0	4,0 - 8,0	Ø 12,3		100
13227MA92	M16	31,5	6,0	4,0 - 8,0	Ø 16,3		100
13228MA92	M16	31,5	8,0	4,0 - 8,0	Ø 16,3		100
13229MA92	M16	33,5	6,0	5,0 - 10,0	Ø 16,3		100
13230MA92	M16	33,5	8,0	5,0 - 10,0	Ø 16,3		100
13231MA92	M20	33,0	8,0	6,0 - 12,0	Ø 20,3		100



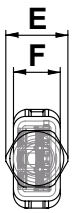


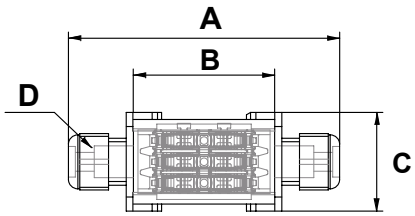
- **Material: Material: Edelstahl** */ Gland body material: Stainless steel*
- **Dichtring: TPV** */ Sealing Ring: TPV*
- **O-Ring: NBR - EPDM** */ O-Ring: NBR - EPDM*
- **Temperaturbereich** */ Working temperature:* **-20°C ~ +100°C**
- **Schutzart** */ Protection grade: IP68*
- **Luftdurchsatz 70l/Std.***/ Average Air Flow 70l/h Referenzwert von 70 mbar Druckunterschied*
- **Wassereintrittpunkt 0,1mbar** */ Water instrusion 0,1mbar*
- **Metrisch (EN 60423)** */ Metric (EN 60423)*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**Ø Kabel** *Ø Cable*	**Ø Bohrung** *Ø Hole*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
13225MD90	M12	31,5	6,0	4,0 - 8,0	Ø 12,3		100
13226MD90	M12	31,5	8,0	4,0 - 8,0	Ø 12,3		100
13227MD90	M16	31,5	6,0	4,0 - 8,0	Ø 16,3		100
13228MD90	M16	31,5	8,0	4,0 - 8,0	Ø 16,3		100
13229MD90	M16	33,5	6,0	5,0 - 10,0	Ø 16,3		100
13230MD90	M16	33,5	8,0	5,0 - 10,0	Ø 16,3		100
13231MD90	M20	33,0	8,0	6,0 - 12,0	Ø 20,3		100

HOCHFESTE KABELVERSCHRAUBUNG 3-5 POLE
HIGH STRENGTH CABLE GLAND 3-5 POLES







new PRODUCT

IP68

- **Material:**
  Verbindungskasten/ *Connecting Box:* **PA 6 GF SH A 30**
  Deckel Außenteile */ Cover outer parts:* **PA 6**
  Deckel Innenteile */ Cover inner parts:* **PA 6**
  Inline-Spleißverbinder */ Inline splicing connector:* **PC**
  Montageträger */ Mounting carrier:* **PA**
- **Farbe: Schwarz** */ Colour: Black*
- **Leiterdurchmesser** */ Conductor diameter 0,2 – 2,5 mm²*
- **Entflammbarkeit** */ UL Flammability*:
  Verbindungskasten/ *Connecting Box:* **V0 (UL94)**
  Deckel Außenteile */ Cover outer parts:* **V0 (UL94)**
  Deckel Innenteile */ Cover inner parts:* **V2 (UL94)**
  Inline-Spleißverbinder */ Inline splicing connector:* **V2 (UL94)**
- **Temperaturbereich** */ Working temperature -25°C ~ +85° C*
- **Prüfnorm** */ Test standard: IEC 60670-1, IEC 60670-22, EN 60998-2-2*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Kabel *Kable*	Anzahl der Pole *N. of Poles*	VPE-Stckz. *Moq-Pcs*
19306XX01	115,0	60,0	42,0	24,0	26,5	20,0	5,0 - 12,0	3	5
19307XX01	157,0	102,0	42,0	24,0	26,5	20,0	5,0 - 12,0	3	5
19308XX01	115,0	60,0	61,0	24,0	26,5	22,0	5,0 - 12,0	5	5
19309XX01	157,0	102,0	61,0	24,0	26,5	22,0	5,0 - 12,0	5	5

ANMERKUNGEN - Notes

fastpoint

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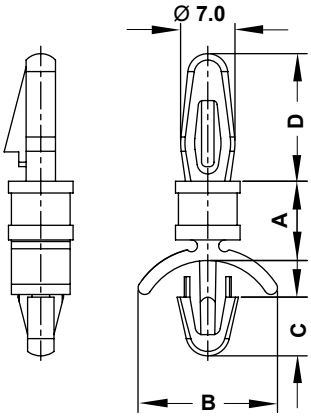


fastpoint

Leiterplattenabstandshalter - Isolierbolzen - Distanzrollen - Distanzbolzen /

P.C.B. Spacers - Isolation Bushings - Spacers - Metal spacers



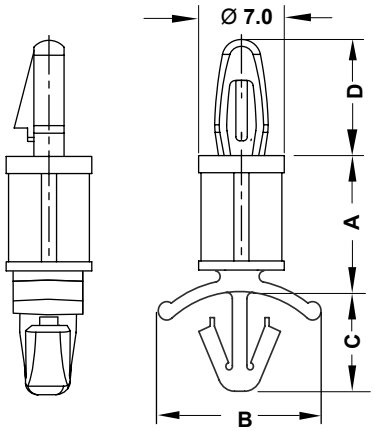


- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	**Bohrung Oben** *Top Hole*	**Stärke Oben** *Thickness*	**Bohrung Unten** *Bottom Hole*	**Stärke Unten** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs.*
12586AA00	3,2	8,7	5,7	9,5	Ø 3,2	1,6 -1,7	Ø 3,0 - 3,2	0,8 - 2,0		1.000
12587AA00	4,8	8,7	5,7	9,5	Ø 3,2	1,6 -1,7	Ø 3,0 - 3,2	0,8 - 2,0		1.000
12588AA00	6,4	8,7	5,7	9,5	Ø 3,2	1,6 -1,7	Ø 3,0 - 3,2	0,8 - 2,0		1.000
12589AA00	7,9	8,7	5,7	9,5	Ø 3,2	1,6 -1,7	Ø 3,0 - 3,2	0,8 - 2,0		1.000
12590AA00	9,5	8,7	5,7	9,5	Ø 3,2	1,6 -1,7	Ø 3,0 - 3,2	0,8 - 2,0		1.000
12591AA00	11,1	8,7	5,7	9,5	Ø 3,2	1,6 -1,7	Ø 3,0 - 3,2	0,8 - 2,0		1.000
12592AA00	12,7	8,7	5,7	9,5	Ø 3,2	1,6 -1,7	Ø 3,0 - 3,2	0,8 - 2,0		1.000
12593AA00	14,3	8,7	5,7	9,5	Ø 3,2	1,6 -1,7	Ø 3,0 - 3,2	0,8 - 2,0		1.000
12594AA00	15,9	8,7	5,7	9,5	Ø 3,2	1,6 -1,7	Ø 3,0 - 3,2	0,8 - 2,0		1.000
12595AA00	17,0	8,7	5,7	9,5	Ø 3,2	1,6 -1,7	Ø 3,0 - 3,2	0,8 - 2,0		1.000
8039AA00	9,5	10,2	5,6	10,2	Ø 4,0	1,6	Ø 4,7	2,0 - 3,6		1.000
8039AR00	9,5	10,2	5,6	10,2	Ø 4,0	1,6	Ø 4,7	2,0 - 3,6	V0 (UL94)	1.000

ABSTANDSHALTER
P.C.B. SPACERS

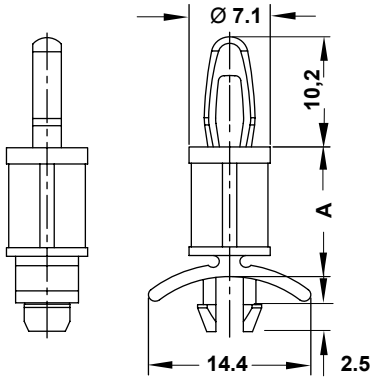




- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	B	C	D	**Bohrung Oben** *Top Hole*	**Materialstärke** *Panel Thickness*	**Bohrung Unten** *Bottom Hole*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs*
5905AA00	**3,5**	14,0	7,5	10,2	Ø 4,0	1,6	Ø 4,8	0,8 - 2,0	1.000
5906AA00	**4,8**	14,0	7,5	10,2	Ø 4,0	1,6	Ø 4,8	0,8 - 2,0	1.000
5590AA00	**4,8**	13,0	8,5	10,2	Ø 4,0	1,6	Ø 4,8	2,0 - 3,2	1.000
5591AA00	**4,8**	13,0	8,5	10,2	Ø 4,0	2,0 - 3,2	Ø 4,8	2,0 - 3,2	1.000
10894AA00	**6,0**	14,0	7,5	10,2	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,0	1.000
10895AA00	**6,4**	14,0	7,5	10,2	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,0	1.000
5502AA00	**6,4**	13,4	8,2	10,0	Ø 4,0	1,4 - 1,8	Ø 4,8	0,5 - 2,0	2.000
5907AA00	**7,9**	14,0	7,5	10,2	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,0	1.000
0367AA00	**8,3**	14,0	8,2	9,5	Ø 4,0	1,4 - 1,8	Ø 4,8	0,5 - 2,0	2.500
5504AA00	**9,5**	14,5	8,2	10,0	Ø 4,0	1,4 - 1,8	Ø 4,8	0,5 - 2,0	2.000
10896AA00	**9,5**	14,0	7,5	10,2	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,0	1.000
12961AA00	**9,5**	14,5	8,2	10,2	Ø 4,8	1,6	Ø 4,8	2,0 - 3,2	2.000
5505AA00	**11,1**	14,5	8,2	10,0	Ø 4,0	1,4 - 1,8	Ø 4,8	0,5 - 2,0	2.000
5506AA00	**12,7**	14,5	8,1	10,0	Ø 4,0	1,4 - 1,8	Ø 4,8	0,5 - 2,0	2.000
6908AA00	**12,7**	14,5	8,2	10,2	Ø 4,0	1,6	Ø 4,8	2,0 - 3,2	2.000
0368AA00	**13,5**	14,0	8,2	9,5	Ø 4,0	1,4 - 1,8	Ø 4,8	0,5 - 2,0	2.500
5507AA00	**15,9**	14,5	8,2	10,0	Ø 4,0	1,4 - 1,8	Ø 4,8	0,5 - 2,0	2.000
0369AA00	**18,1**	14,0	8,2	9,5	Ø 4,0	1,4 - 1,8	Ø 4,8	0,5 - 2,0	2.500
5902AA00	**19,1**	14,0	7,5	10,2	Ø 4,0	1,6	Ø 4,8	0,8 - 2,0	1.000
5903AA00	**22,2**	14,0	7,5	10,2	Ø 4,0	1,6	Ø 4,8	0,8 - 2,0	1.000
5904AA00	**24,0**	14,0	7,5	10,2	Ø 4,0	1,6	Ø 4,8	0,8 - 2,0	1.000
5908AA00	**25,4**	14,0	7,5	10,2	Ø 4,0	1,6	Ø 4,8	0,8 - 2,0	1.000
5909AA00	**28,6**	14,0	7,5	10,2	Ø 4,0	1,6	Ø 4,8	0,8 - 2,0	1.000
5910AA00	**31,7**	14,0	7,5	10,2	Ø 4,0	1,6	Ø 4,8	0,8 - 2,0	1.000
5911AA00	**34,9**	14,0	7,5	10,2	Ø 4,0	1,6	Ø 4,8	0,8 - 2,0	1.000



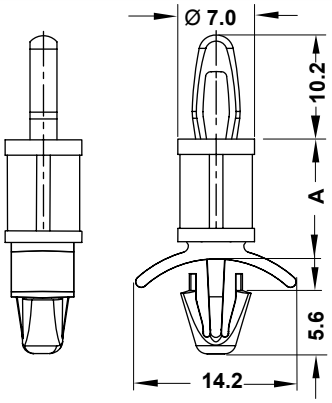


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*

- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	Bohrung Oben *Top Hole*	Materialstärke *Panel Thickness*	Bohrung Unten *Bottom Hole*	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
6365AA0004.8	**4,8**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000
6365AA0006.4	**6,4**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000
6365AA0009.5	**9,5**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000
6365AA0012.7	**12,7**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000
6365AA0015.9	**15,9**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000
6365AA0019.1	**19,1**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000
6365AA0022.2	**22,2**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000



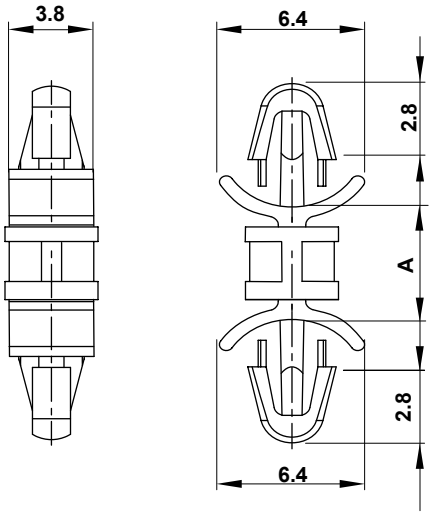


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	Bohrung Oben *Top Hole*	Materialstärke *Thickness*	Bohrung Unten *Bottom Hole*	Materialstärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
8353AA0007.9	**7,9**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000
8353AA0009.5	**9,5**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000
8353AA0012.7	**12,7**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000
8353AA0022.2	**22,2**	Ø 4,0	1,2 - 1,7	Ø 4,8	0,8 - 2,5	1.000



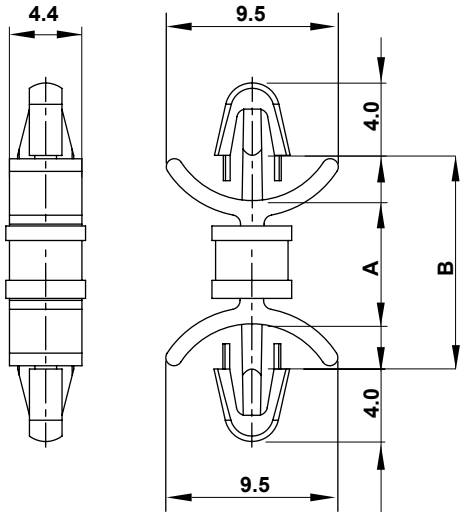


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** */ on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs*
8393AA00	**3,2**	Ø 3.0	1.2 - 2.0	1.000
8394AA00	**4,0**	Ø 3.0	1.2 - 2.0	1.000
8395AA00	**5,0**	Ø 3.0	1.2 - 2.0	1.000
8396AA00	**6,4**	Ø 3.0	1.2 - 2.0	1.000
8397AA00	**7,0**	Ø 3.0	1.2 - 2.0	1.000
8398AA00	**8,0**	Ø 3.0	1.2 - 2.0	1.000
8399AA00	**9,5**	Ø 3.0	1.2 - 2.0	1.000
8400AA00	**11,2**	Ø 3.0	1.2 - 2.0	1.000
8401AA00	**12,0**	Ø 3.0	1.2 - 2.0	1.000
8402AA00	**15,0**	Ø 3.0	1.2 - 2.0	1.000
8403AA00	**16,0**	Ø 3.0	1.2 - 2.0	1.000
8404AA00	**17,0**	Ø 3.0	1.2 - 2.0	1.000
8405AA00	**20,2**	Ø 3.0	1.2 - 2.0	1.000
8406AA00	**22,2**	Ø 3.0	1.2 - 2.0	1.000
8407AA00	**25,4**	Ø 3.0	1.2 - 2.0	1.000

ABSTANDSHALTER
P.C.B SPACER



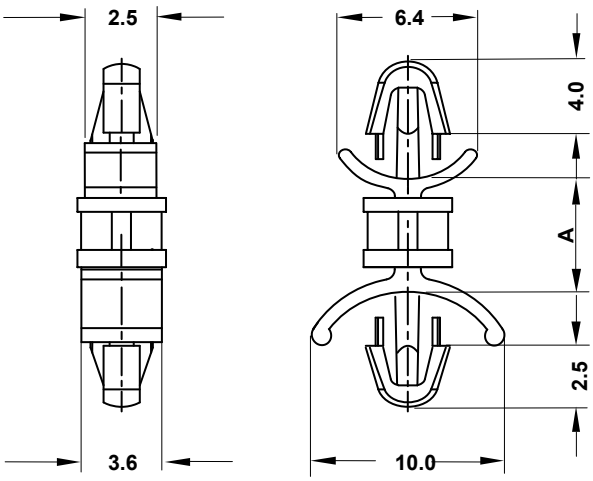


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**B**	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs*
8272AA00	**4,8**	9,8	Ø 3,2	0.8 - 2.0	1.000
8273AA00	**6,4**	11,4	Ø 3,2	0.8 - 2.0	1.000
8274AA00	**7,9**	12,9	Ø 3,2	0.8 - 2.0	1.000
8275AA00	**9,5**	14,5	Ø 3,2	0.8 - 2.0	1.000
8276AA00	**11,1**	16,1	Ø 3,2	0.8 - 2.0	1.000
8277AA00	**12,7**	17,7	Ø 3,2	0.8 - 2.0	1.000
8278AA00	**14,3**	19,3	Ø 3,2	0.8 - 2.0	1.000
8279AA00	**15,9**	20.9	Ø 3.2	0.8 - 2.0	1.000

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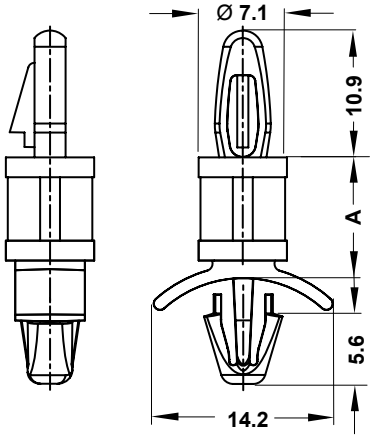




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben / Unten** *Hole Top/ Bottom*	**Stärke Oben** *Thickness Top*	**Stärke Unten** *Thickness Bottom*	**VPE-Stckz.** *Moq-Pcs*
6339AA00	**3,2**	Ø 3,5	1,6	0,8 - 2,0	2.000
6340AA00	**4,0**	Ø 3,5	1,6	0,8 - 2,0	2.000
6341AA00	**4,8**	Ø 3,5	1,6	0,8 - 2,0	1.000
6342AA00	**6,4**	Ø 3,5	1,6	0,8 - 2,0	1.000
6343AA00	**7,0**	Ø 3,5	1,6	0,8 - 2,0	1.000
6344AA00	**8,0**	Ø 3,5	1,6	0,8 - 2,0	1.000
6345AA00	**9,6**	Ø 3,5	1,6	0,8 - 2,0	1.000
6346AA00	**11,2**	Ø 3,5	1,6	0,8 - 2,0	1.000
6347AA00	**12,7**	Ø 3,5	1,6	0,8 - 2,0	1.000
6348AA00	**14,0**	Ø 3,5	1,6	0,8 - 2,0	1.000
6349AA00	**16,0**	Ø 3,5	1,6	0,8 - 2,0	1.000
6350AA00	**18,0**	Ø 3,5	1,6	0,8 - 2,0	1.000
6351AA00	**19,1**	Ø 3,5	1,6	0,8 - 2,0	1.000

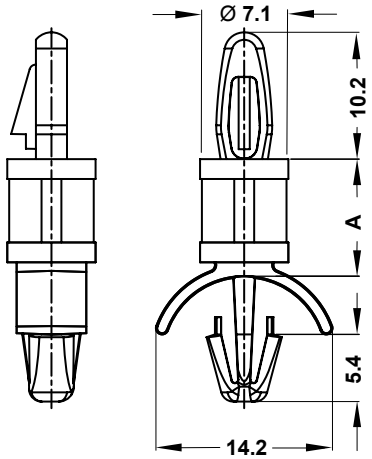




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	**Bohrung Oben** *Top Hole*	**Materialstärke** *Panel Thickness*	**Bohrung Unten** *Bottom Hole*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs.*
14117AA004.8	**4,8**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA006.4	**6,4**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA007.9	**7,9**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA009.5	**9,5**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA0011.1	**11,1**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA0012.7	**12,7**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA0015.9	**15,9**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA0019.1	**19,1**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA0022.2	**22,2**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA0025.4	**25,4**	Ø 4,0	2,5	Ø 4,8	0,8 - 2,0	1.000
14117AA0028.6	**28,6**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA0031.7	**31,7**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000
14117AA0034.9	**34,9**	Ø 4,0	2,4	Ø 4,8	0,8 - 2,0	1.000



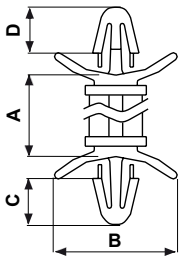


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	**Bohrung Oben** *Top Hole*	**Materialstärke** *Panel Thickness*	**Bohrung Unten** *Bottom Hole*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs.*
14116AA004.8	**4,8**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA006.4	**6,4**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA007.9	**7,9**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA009.5	**9,5**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA0011.1	**11,1**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA0012.7	**12,7**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA0015.9	**15,9**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA0019.1	**19,1**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA0022.2	**22,2**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA0025.4	**25,4**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA0028.8	**28,8**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA0031.7	**31,7**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000
14116AA0034.9	**34,9**	Ø 4,0	1,6	Ø 4,8	2,0 - 3,6	1.000

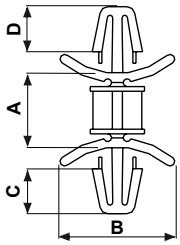
TYPE 1





TYPE 2



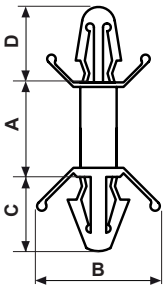


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

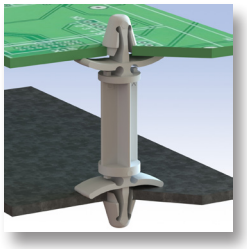
ARTIKEL *P/N*	**TYPE**	**A**	B	C	D	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Materialstärke Oben/Unten** *Panel Thickness Top/Bottom*	**VPE-Stckz.** *Moq-Pcs*
6120AA00	1	**4,8**	14,2	5,5	5,5	Ø 4,0	0,8 - 2,0	1.000
6121AA00	1	**6,4**	14,2	5,5	5,5	Ø 4,0	0,8 - 2,0	1.000
6122AA00	1	**9,5**	14,2	5,5	5,5	Ø 4,0	0,8 - 2,0	1.000
6123AA00	1	**12,7**	14,2	5,5	5,5	Ø 4,0	0,8 - 2,0	1.000
6124AA00	1	**15,9**	14,2	5,5	5,5	Ø 4,0	0,8 - 2,0	1.000
6125AA00	1	**19,0**	14,2	5,5	5,5	Ø 4,0	0,8 - 2,0	1.000
6126AA00	1	**22,2**	14,2	5,5	5,5	Ø 4,0	0,8 - 2,0	1.000
6127AA00	2	**4,8**	14,8	5,8	5,8	Ø 4,8	0,8 - 2,0	1.000
6128AA00	2	**6,4**	14,8	5,8	5,8	Ø 4,8	0,8 - 2,0	1.000
6129AA00	2	**9,5**	14,8	5,8	5,8	Ø 4,8	0,8 - 2,0	1.000
6130AA00	2	**12,7**	14,8	5,8	5,8	Ø 4,8	0,8 - 2,0	1.000
6131AA00	2	**15,9**	14,8	5,8	5,8	Ø 4,8	0,8 - 2,0	1.000
6132AA00	2	**19,1**	14,8	5,8	5,8	Ø 4,8	0,8 - 2,0	1.000
6133AA00	2	**22,2**	14,8	5,8	5,8	Ø 4,8	0,8 - 2,0	1.000

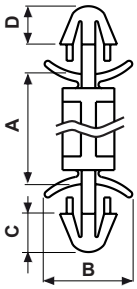
TYPE 1





TYPE 2

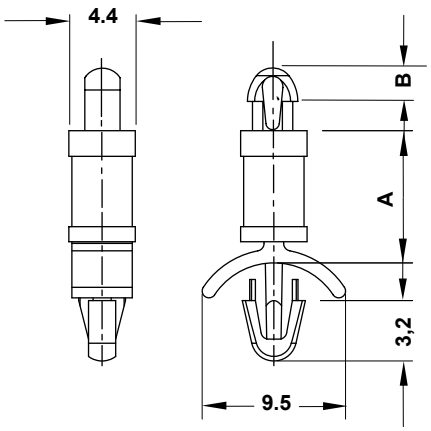




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**TYPE**	**A**	B	C	D	**Bohrung Oben/Unten** *Top Hole*	**Stärke** *Thickness*	**Untere Bohrung** *Bottom Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
2451AA00	1	**4,6**	14,0	7,6	8,0	Ø 4,0	1,6	Ø 4,8	0,8 - 2,2	1.000
2452AA00	1	**6,2**	14,0	7,6	8,0	Ø 4,0	1,6	Ø 4,8	0,8 - 2,2	1.000
2453AA00	1	**9,2**	14,0	7,6	8,0	Ø 4,0	1,6	Ø 4,8	0,8 - 2,2	1.000
2454AA00	1	**12,6**	14,0	7,6	8,0	Ø 4,0	1,6	Ø 4,8	0,8 - 2,2	1.000
2455AA00	1	**15,9**	14,0	7,6	8,0	Ø 4,0	1,6	Ø 4,8	0,8 - 2,2	1.000
2456AA00	1	**19,1**	14,0	7,6	8,0	Ø 4,0	1,6	Ø 4,8	0,8 - 2,2	1.000
2457AA00	1	**22,1**	14,0	7,6	8,0	Ø 4,0	1,6	Ø 4,8	0,8 - 2,2	1.000
2458AA00	1	**25,3**	14,0	7,6	8,0	Ø 4,0	1,6	Ø 4,8	0,8 - 2,2	1.000
2459AA00	1	**28,6**	14,0	7,6	8,0	Ø 4,0	1,6	Ø 4,8	0,8 - 2,2	1.000
0686BA00	2	**8,6**	14,0	4,9	4,9	Ø 4,8	1,5 - 2,6	Ø 4,8	1,5 - 2,6	1.000
0687BA00	2	**11,7**	14,0	4,9	4,9	Ø 4,8	1,5 - 2,6	Ø 4,8	1,5 - 2,6	1.000
0688BA00	2	**14,8**	14,0	4,9	4,9	Ø 4,8	1,5 - 2,6	Ø 4,8	1,5 - 2,6	1.000
0689BA00	2	**18,0**	14,0	4,9	4,9	Ø 4,8	1,5 - 2,6	Ø 4,8	1,5 - 2,6	1.000
0690BA00	2	**21,2**	14,0	4,9	4,9	Ø 4,8	1,5 - 2,6	Ø 4,8	1,5 - 2,6	1.000
0691BA00	2	**24,2**	14,0	4,9	4,9	Ø 4,8	1,5 - 2,6	Ø 4,8	1,5 - 2,6	1.000



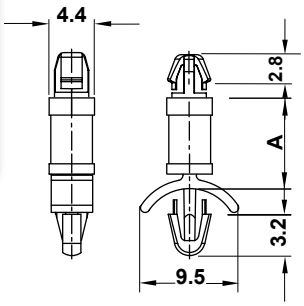


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**B**	**Bohrung Unten** *Hole Bottom*	**Materialstärke Unten** *Panel Thickness Bottom*	**Bohrung Oben** *Hole Top*	**Materialstärke Oben** *Panel Thickness Top*	**VPE-Stckz.** *Moq-Pcs*
8376AA00	**3,2**	1,8	Ø 3,0 - 3,2	0,8 - 2-0	Ø 2,0	1,6	1.000
8377AA00	**4,8**	1,8	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,0	1,6	1.000
8378AA00	**6,4**	1,8	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,0	1,6	1.000
8379AA00	**7,9**	1,8	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,0	1,6	1.000
8380AA00	**9,5**	1,8	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,0	1,6	1.000
8381AA00	**11,1**	1,8	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,0	1,6	1.000
8382AA00	**12,7**	1,8	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,0	1,6	1.000
8383AA00	**14,3**	1,8	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,0	1,6	1.000
8384AA00	**3,2**	2,0	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,5	1,6	1.000
8385AA00	**4,8**	2,0	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,5	1,6	1.000
8386AA00	**6,4**	2,0	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,5	1,6	1.000
8387AA00	**7,9**	2,0	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,5	1,6	1.000
8388AA00	**9,5**	2,0	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,5	1,6	1.000
8389AA00	**11,1**	2,0	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,5	1,6	1.000
8390AA00	**12,7**	2,0	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,5	1,6	1.000
8391AA00	**14,3**	2,0	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,5	1,6	1.000
8392AA00	**15,9**	2,0	Ø 3,0 - 3,2	0,8 - 2,0	Ø 2,5	1,6	1.000

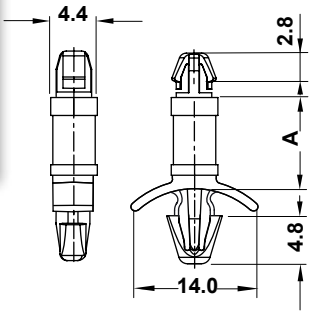
TYPE 1





TYPE 2

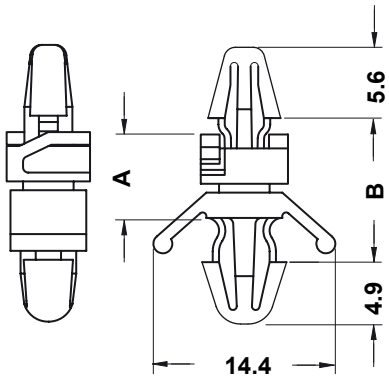




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**TYPE**	**Bohrung Unten** *Bottom Hole*	**Materialstärke Unten** *Panel Thickness Bottom*	**Bohrung Oben** *Hole Top*	**Materialstärke Oben** *Panel Thickness Top*	**VPE-Stckz.** *Moq-Pcs*
8408AA00	3,2	1	Ø 3,0	0,8 - 2,0	Ø 3,0	1,2 - 1,7	1.000
8409AA00	4,8	1	Ø 3,0	0,8 - 2,0	Ø 3,0	1,2 - 1,7	1.000
8410AA00	6,4	1	Ø 3,0	0,8 - 2,0	Ø 3,0	1,2 - 1,7	1.000
8411AA00	7,9	1	Ø 3,0	0,8 - 2,0	Ø 3,0	1,2 - 1,7	1.000
8412AA00	9,5	1	Ø 3,0	0,8 - 2,0	Ø 3,0	1,2 - 1,7	1.000
8413AA00	11,1	1	Ø 3,0	0,8 - 2,0	Ø 3,0	1,2 - 1,7	1.000
8414AA00	12,7	1	Ø 3,0	0,8 - 2,0	Ø 3,0	1,2 - 1,7	1.000
8415AA00	14,3	1	Ø 3,0	0,8 - 2,0	Ø 3,0	1,2 - 1,7	1.000
8416AA00	15,9	1	Ø 3,0	0,8 - 2,0	Ø 3,0	1,2 - 1,7	1.000
8417AA00	18,0	1	Ø 3,0	0,8 - 3,0	Ø 3,0	1,2 - 1,7	1.000
8418AA00	3,2	2	Ø 4,8	0,8 - 2,2	Ø 3,0	1,2 - 1,7	1.000
8419AA00	4,8	2	Ø 4,8	0,8 - 2,2	Ø 3,0	1,2 - 1,7	1.000
8420AA00	6,4	2	Ø 4,8	0,8 - 2,2	Ø 3,0	1,2 - 1,7	1.000
8421AA00	8,0	2	Ø 4,8	0,8 - 2,2	Ø 3,0	1,2 - 1,7	1.000
8422AA00	10,0	2	Ø 4,8	0,8 - 2,2	Ø 3,0	1,2- 1,7	1.000
8423AA00	12,0	2	Ø 4,8	0,8 - 2,2	Ø 3,0	1,2 - 1,7	1.000
8424AA00	14,0	2	Ø 4,8	0,8 - 2,2	Ø 3,0	1,2 - 1,7	1.000
8425AA00	16,0	2	Ø 4,8	0,8 - 2,2	Ø 3,0	1,2 - 1,7	1.000
8426AA00	18,0	2	Ø 4,8	0,8 - 2,2	Ø 3,0	1,2 - 1,7	1.000



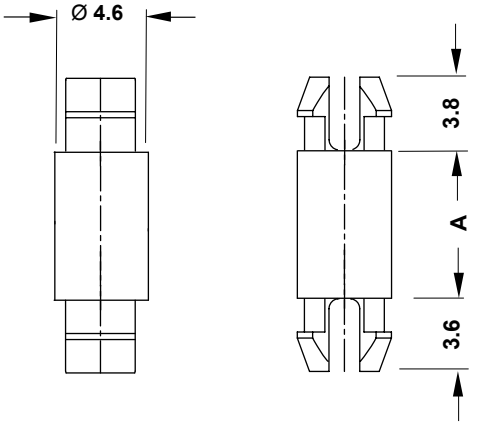


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	**Bohrung Unten** *Bottom Hole*	**Materialstärke** *Panel Thickness*	**Bohrung Oben** *Top Hole*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs*
8427AA00	**5,0**	9,8	Ø 4,8	0,8 - 3,0	Ø 4.0	1,2 - 2,0	1.000
8428AA00	**6,6**	11,4	Ø 4,8	0,8 - 3,0	Ø 4.0	1,2 - 2,0	1.000
8429AA00	**9,6**	14,4	Ø 4,8	0,8 - 3,0	Ø 4.0	1,2 - 2,0	1.000
8430AA00	**11,8**	16,6	Ø 4,8	0,8 - 3,0	Ø 4.0	1,2 - 2,0	1.000
8431AA00	**12,9**	17,7	Ø 4,8	0,8 - 3,0	Ø 4.0	1,2 - 2,0	1.000
8432AA00	**19,3**	24,1	Ø 4,8	0,8 - 3,0	Ø 4.0	1,2 - 2,0	1.000
8433AA00	**22,4**	27,4	Ø 4,8	0,8 - 3,0	Ø 4.0	1,2 - 2,0	1.000
8434AA00	**35,6**	30,4	Ø 4,8	0,8 - 3,0	Ø 4.0	1,2 - 2,0	1.000
8435AA00	**28,8**	33,6	Ø 4,8	0,8 - 3,0	Ø 4.0	1,2 - 2,0	1.000
8436AA00	**35.1**	39.9	Ø 4,8	0,8 - 3,0	Ø 4.0	1,2 - 2,0	1.000

ABSTANDSHALTER
DUAL LOCKING P.C.B. SPACERS

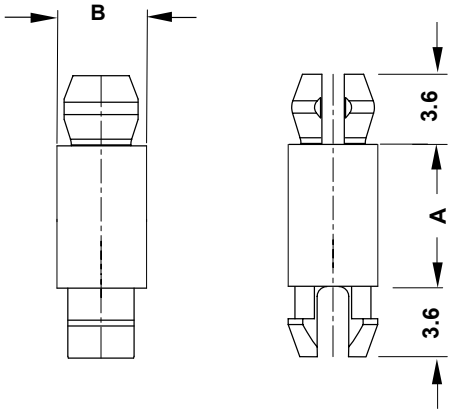




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Materialstärke Oben/Unten** *Panel Thickness Top/Bottom*	**VPE-Stckz.** *Moq-Pcs*
8078AA0003.2	**3,2**	Ø 3,2	1,6	1.000
8078AA0004.8	**4,8**	Ø 3,2	1,6	1.000
8078AA0006.4	**6,4**	Ø 3,2	1,6	1.000
8078AA0009.5	**9,5**	Ø 3,2	1,6	1.000
8078AA0011.1	**11,1**	Ø 3,2	1,6	1.000
8078AA0012.7	**12,7**	Ø 3,2	1,6	1.000
8078AA0014.3	**14,3**	Ø 3,2	1,6	1.000
8078AA0015.9	**15,9**	Ø 3,2	1,6	1.000
8078AA0019.1	**19,1**	Ø 3,2	1,6	1.000
8078AA0020.6	**20,6**	Ø 3,2	1,6	1.000
8078AA0022.2	**22,2**	Ø 3,2	1,6	1.000
8078AA0025.4	**25,4**	Ø 3,2	1,6	1.000
8078AA0031.8	**31,8**	Ø 3,2	1,6	1.000
8078AA0034.9	**34,9**	Ø 3,2	1,6	1.000

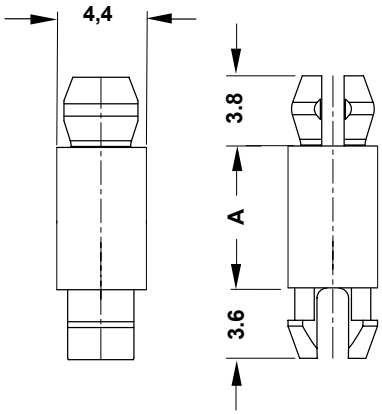




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**B**	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Materialstärke Oben/Unten** *Panel Thickness Top/Bottom*	**VPE-Stckz.** *Moq-Pcs*
9257AA0003.2	**3,2**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0004.0	**4,0**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0004.5	**4,5**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0005.0	**5,0**	4,85	Ø 4,0	1,6 - 1,75	1.000
9257AA0006.3	**6,3**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0007.0	**7,0**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0008.0	**8,0**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0009.5	**9,5**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0010.5	**10,5**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0012.7	**12,7**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0014.0	**14,0**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0015.9	**15,9**	5,0	Ø 4,0	1,6 - 1,75	1.000
9257AA0019.0	**19,0**	5,0	Ø 4,0	1,6 - 1.75	1.000
9257AA0022.0	**22,0**	5,0	Ø 4,0	1,6 - 1.75	1.000





- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Materialstärke Oben/Unten** *Panel Thickness Top/Bottom*	**VPE-Stckz.** *Moq-Pcs*
6145AA00	**3,2**	Ø 3,2	1,6	1.000
6146AA00	**4,8**	Ø 3,2	1,6	1.000
6147AA00	**6,4**	Ø 3,2	1,6	1.000
6148AA00	**7,9**	Ø 3,2	1,6	1.000
6149AA00	**9,5**	Ø 3,2	1,6	1.000
6150AA00	**11,1**	Ø 3,2	1,6	1.000
6151AA00	**12,7**	Ø 3,2	1,6	1.000
6152AA00	**14,3**	Ø 3,2	1,6	1.000
6153AA00	**15,9**	Ø 3,2	1,6	1.000
6155AA00	**17,5**	Ø 3,2	1,6	1.000
6156AA00	**19,1**	Ø 3,2	1,6	1.000
6157AA00	**20,6**	Ø 3,2	1,6	1.000
6159AA00	**22,2**	Ø 3,2	1,6	1.000
6160AA00	**25,4**	Ø 3,2	1,6	1.000
6161AA00	**28,5**	Ø 3,2	1,6	1.000
6162AA00	**31,7**	Ø 3,2	1,6	1.000
6164AA00	**34,9**	Ø 3,2	1,6	1.000
6165AA00	**38,1**	Ø 3,2	1,6	1.000

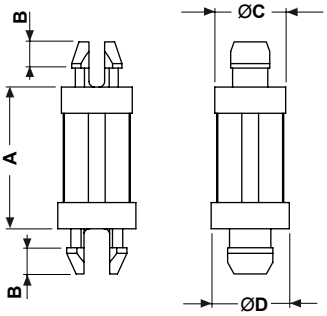
ABSTANDSHALTER
P.C.B. SPACERS

fastpoint

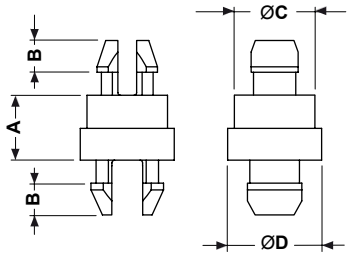
TYPE 1



TYPE 1



TYPE 2



- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

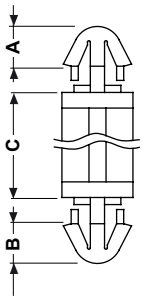
ARTIKEL *P/N*	TYPE	A	B	C	D	Bohrung Top *Top Hole*	Bohrung Unten *Bottom Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
13263AA00	1	**4,8**	2,4	6,4	7,1	Ø 4,0	Ø 4,0	1,6	1.000
9470AA00	1	**6,4**	2,4	6,4	7,0	Ø 4,0	Ø 4,0	1,6	1.000
9471AA00	1	**9,5**	2,4	6,4	7,0	Ø 4,0	Ø 4,0	1,6	1.000
9472AA00	1	**10,0**	2,4	6,4	7,0	Ø 4,0	Ø 4,0	1,6	1.000
9473AA00	1	**12,7**	2,4	6,4	7,0	Ø 4,0	Ø 4,0	1,6	1.000
9474AA00	1	**15,9**	2,4	6,4	7,0	Ø 4,0	Ø 4,0	1,6	1.000
9475AA00	1	**19,1**	2,4	6,4	7,0	Ø 4,0	Ø 4,0	1,6	1.000
9476AA00	1	**22,2**	2,4	6,4	7,0	Ø 4,0	Ø 4,0	1,6	1.000
9477AA00	1	**25,4**	2,4	6,4	7,0	Ø 4,0	Ø 4,0	1,6	1.000
9485AA00	2	**4,8**	2,35	6	7	Ø 4,0	Ø 4,8	1,6	2.000
9486AA00	1	**6,4**	2,4	6,4	7,0	Ø 4,0	Ø 4,8	1,6	2.000
9487AA00	1	**9,5**	2,4	6,4	7,0	Ø 4,0	Ø 4,8	1,6	2.000
9488AA00	1	**12,7**	2,4	6,4	7,0	Ø 4,0	Ø 4,8	1,6	1.000
9489AA00	1	**15,9**	2,4	6,4	7,0	Ø 4,0	Ø 4,8	1,6	1.000
9490AA00	1	**19,1**	2,4	6,4	7,0	Ø 4,0	Ø 4,8	1,6	1.000
9491AA00	1	**22,2**	2,4	6,4	7,0	Ø 4,0	Ø 4,8	1,6	1.000
9492AA00	1	**25,4**	2,4	6,4	7,0	Ø 4,0	Ø 4,8	1,6	1.000
9493AA00	2	**4,8**	2,35	6,35	7,1	Ø 4,8	Ø 4,8	1,6	1.000
9494AA00	1	**6,4**	2,4	6,4	7,1	Ø 4,8	Ø 4,8	1,6	2.000
9495AA00	1	**9,5**	2,4	6,4	7,1	Ø 4,8	Ø 4,8	1,6	2.000
9496AA00	1	**12,7**	2,4	6,4	7,1	Ø 4,8	Ø 4,8	1,6	1.000
9497AA00	1	**15,9**	2,4	6,4	7,1	Ø 4,8	Ø 4,8	1,6	1.000
9498AA00	1	**19,1**	2,4	6,4	7,1	Ø 4,8	Ø 4,8	1,6	1.000
9499AA00	1	**22,2**	2,4	6,4	7,1	Ø 4,8	Ø 4,8	1,6	1.000
8915AA00	1	**25,4**	2,4	6,4	7,1	Ø 4,8	Ø 4,8	1,6	1.000

ABSTANDSHALTER
DUAL LOCKING P.C.B. SPACERS

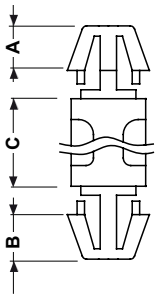
TYPE 1



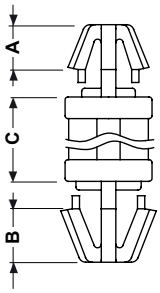
TYPE 1



TYPE 2



TYPE 3



- **Material: PA 6.6** / *Material: PA 6.6*
- **Farbe: Natural** / *Colour: Natural*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

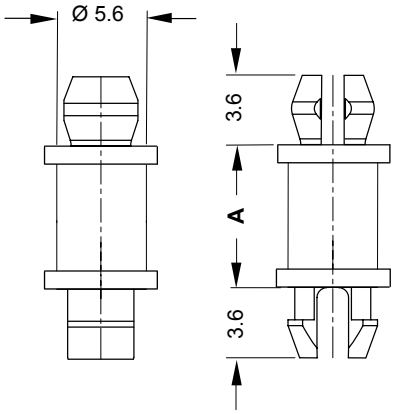
ARTIKEL *P/N*	**TYPE**	A	B	**Bohrung Top** *Top Hole*	**Stärke** *Thickness*	**Bohrung Unten** *Bottom Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
6362AA00	1	2,8	2,8	Ø 3,5	1,2 - 1,7	Ø 3,5	1,2 - 1,7	2.000
***C =**	2,5/ 3 /3,5 / 4 / 4,5 / 5 / 5,5 / 6 / 6,35/ 7,0 / 8 / 9 / 10 / 11 / 12 / 15							
6363AA00	2	3,0	3,0	Ø 4,0	1,2 - 1,7	Ø 4,0	1,2 - 1,7	2.000
***C =**	3 / 3,5 / 4 / 5 / 6 / 6,4 / 8 / 10 / 10,5 / 11,5 / 12 / 12,7 / 14 / 15,9 / 18 / 19 / 20 / 25 / 27 / 30/ 34 / 69 / 71,2 / 72 / 74,2 / 80							
6364AA00	3	3,1	3,7	Ø 4,8	1,6	Ø 4,0	1,6	1.000
***C =**	3 / 4 / 6 / 8 / 10 / 12 / 14 /16 / 18							

***Bitte fügen Sie die gewünschten Längen an den letzten Teil des Codes für Ihre Bestellung an.**
Bestellbeispiel: 6362AA0002.50 für den 6362AA00 2,5 mm langen Abstandhalter.

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 6362AA0002.50 for the 6362AA00 2,5 mm. lenght spacer.



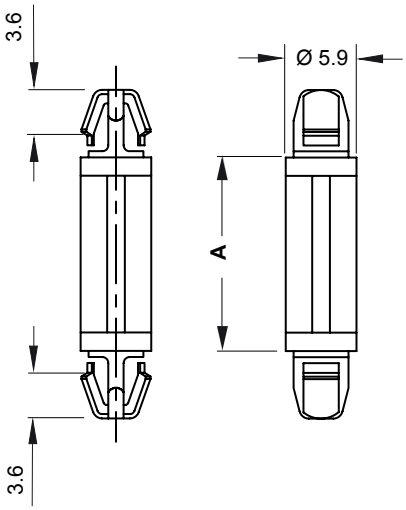




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben** *Top Hole*	**Materialstärke** *Thickness*	**Bohrung Unten** *Bottom Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs.*
7576AA00	**5,0**	Ø 4,0	1,6	Ø 4,0	1,6	1.000
7577AA00	**7,9**	Ø 4,0	1,6	Ø 4,0	1,6	1.000
7578AA00	**12,7**	Ø 4,0	1,6	Ø 4,0	1,6	1.000
7579AA00	**17,5**	Ø 4,0	1,6	Ø 4,0	1,6	1.000

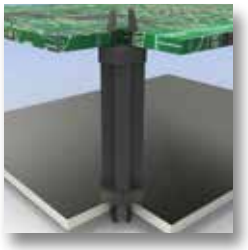




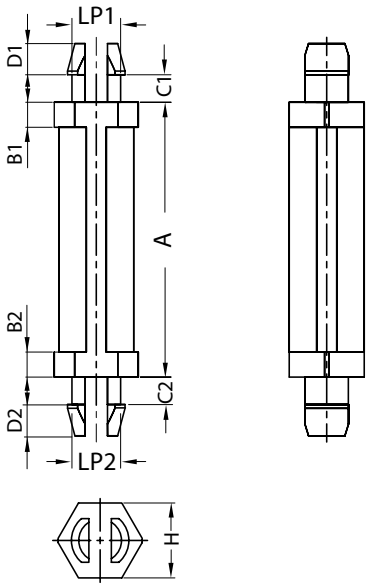
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Stärke** *Thickness*	**ANMERKUNGEN** *NOTES*	**VPE-Stckz.** *Moq-Pcs*
9612AA00	**3,0**	Ø 4,8	1,6		1.000
9613AA00	**4,0**	Ø 4,8	1,6		1.000
9614AA00	**6,0**	Ø 4,8	1,6		1.000
9615AA00	**8,0**	Ø 4,8	1,6		1.000
9616AA00	**10,0**	Ø 4,8	1,6		1.000
9617AA00	**12,0**	Ø 4,8	1,6		1.000
9618AA00	**14,0**	Ø 4,8	1,6		1.000
9619AA00	**16,0**	Ø 4,8	1,6		1.000
9620AA00	**18,0**	Ø 4,8	1,6		1.000

ABSTANDSHALTER
P.C.B SPACER







- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -30°C ~ +130°C**
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /**
  All dimensions are in mm

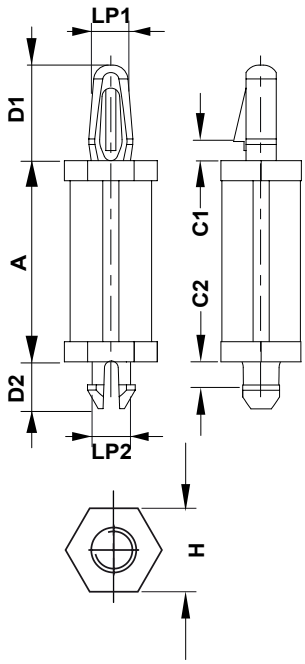
ARTIKEL *P/N*	**A**	**B1**	**C1**	**D1**	**LP1**	**B2**	**C2**	**D2**	**LP2**	**H**	**VPE-Stckz.** *Moq-Pcs*
12911AA01	**3,0 - 65,0**	2,0	1,6	2,5	Ø 4,0	2,0	1,5	2,0	Ø 2,5	6,0	500
12912AA01	**3,0 - 65,0**	2,0	1,6	2,5	Ø 4,0	2,0	1,6	2,5	Ø 4,0	6,0	500
12913AA01	**3,0 - 65,0**	2,0	1,6	2,9	Ø 4,0	2,2	2,0	2,5	Ø 4,0	6,0	500
12914AA01	**3,0 - 65,0**	2,2	2,0	2,5	Ø 4,0	2,2	2,0	2,5	Ø 4,0	6,0	500

Lieferbare Längen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 12911AA0108.0 für den Abstandshalter 12911AA01 mit Höhe 8,0 mm. /
Order example: 12911AA0108.0 for the 12911AA01 8,0 mm. lenght spacer.

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ABSTANDSHALTER
P.C.B SPACER

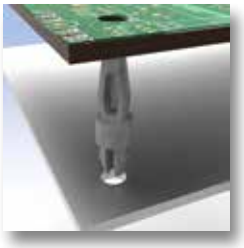




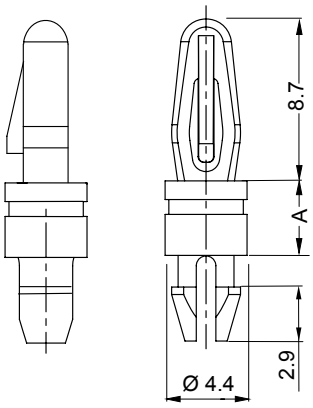
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -30°C ~ +130°C**
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**C1**	**D1**	**LP1**	**C2**	**D2**	**LP2**	**H**	**VPE-Stckz.** *Moq-Pcs*
10051AA01	**3,0 - 65,0**	1,8	9,4	Ø 4,0	0,9	3,4	Ø 4,0	6,0	500
10052AA01	**3,0 - 65,0**	1,8	9,4	Ø 4,0	1,8	3,4	Ø 4,0	6,0	500
10053AA01	**3,0 - 65,0**	1,6	9,4	Ø 4,0	1,8	3,4	Ø 4,0	6,0	500

Lieferbare Längen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10051AA0108.0 für den Abstandshalter 10051AA01 mit Höhe 8,0 mm. /
Order example: 10051AA0108.0 for the 10051AA01 8,0 mm. lenght spacer.



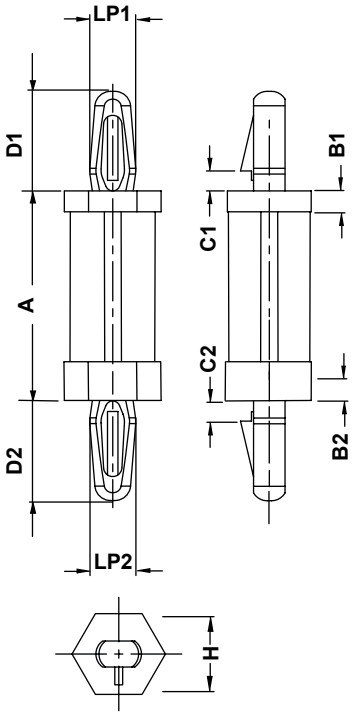




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
11300AA0003.2	3,2	Ø 3,2	1,6		1.000
11300AA0004.8	4,8	Ø 3,2	1,6		1.000
11300AA0006.4	6,4	Ø 3,2	1,6		1.000
11300AA0007.9	7,9	Ø 3,2	1,6		1.000
11300AA0009.5	9,5	Ø 3,2	1,6		1.000
11300AA0011.1	11,1	Ø 3,2	1,6		1.000
11300AA0012.7	12,7	Ø 3,2	1,6		1.000
11300AA0014.3	14,3	Ø 3,2	1,6		1.000
11300AA0015.9	15,9	Ø 3,2	1,6		1.000
11300AA0019.1	19,1	Ø 3,2	1,6		1.000
11300AA0022.2	22,2	Ø 3,2	1,6		1.000



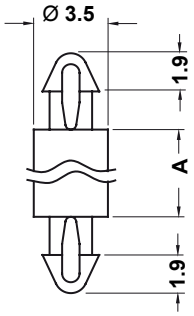


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -30°C ~ +130°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B1**	**C1**	**D1**	**LP1**	**B2**	**C2**	**D2**	**LP2**	**H**	**VPE-Stckz.** *Moq-Pcs*
10048AA01	**3,0 - 65,0**	2,0	1,8	9,4	Ø 4,0	2,0	1,8	9,4	Ø 4,0	6,0	500
10049AA01	**3,0 - 65,0**	2,0	1,8	9,4	Ø 4,0	2,5-5,0	2,1	9,4	Ø 4,0	8,0	500
10050AA01	**3,0 - 65,0**	2,0	1,8	9,4	Ø 4,0	2,5-5,0	2,1	9,4	Ø 4,0	6,0	500

Lieferbare Längen in Stufen von je 1 mm. / *Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. / *Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10048AA0108.0 für den Abstandshalter 10048AA01 mit Höhe 8,0 mm. /
Order example: 10048AA0108.0 for the 10048AA01 8,0 mm. lenght spacer.

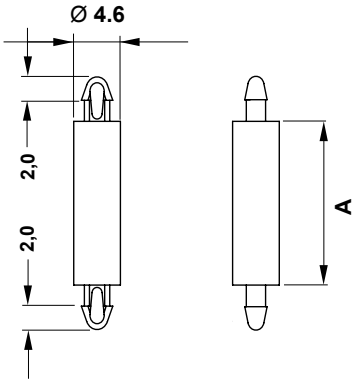




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Materialstärke Oben/Unten** *Panel Thickness Top/Bottom*	**VPE-Stckz.** *Moq-Pcs*
13131AA00	1,6	Ø 2,0	1,6	2.000
8437AA00	2,2	Ø 2,0	1,6	2.000
8438AA00	3,0	Ø 2,0	1,6	2.000
8439AA00	4,0	Ø 2,0	1,6	2.000
8440AA00	5,0	Ø 2,0	1,6	2.000
8441AA00	6,0	Ø 2,0	1,6	2.000
8442AA00	8,0	Ø 2,0	1,6	2.000
8443AA00	10,0	Ø 2,0	1,6	2.000
8444AA00	14,0	Ø 2,0	1,6	2.000

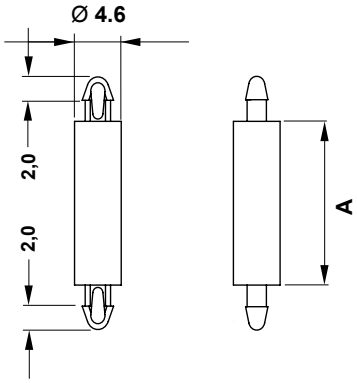




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Materialstärke Oben/Unten** *Panel Thickness Top/Bottom*	**VPE-Stckz.** *Moq-Pcs*
6067AA00	2,0	Ø 2,5	1,6	2.000
6068AA00	3,0	Ø 2,5	1,6	2.000
6069AA00	4,0	Ø 2,5	1,6	2.000
6070AA00	5,0	Ø 2,5	1,6	2.000
6071AA00	6,0	Ø 2,5	1,6	2.000
6072AA00	7,0	Ø 2,5	1,6	2.000
6073AA00	8,0	Ø 2,5	1,6	2.000
6074AA00	8,5	Ø 2,5	1,6	2.000
6075AA00	9,0	Ø 2,5	1,6	2.000
6076AA00	10,0	Ø 2,5	1,6	2.000
6077AA00	12,0	Ø 2,5	1,6	2.000
6078AA00	14,0	Ø 2,5	1,6	2.000
6079AA00	16,0	Ø 2,5	1,6	2.000
6080AA00	18,0	Ø 2,5	1,6	2.000
6081AA00	20,0	Ø 2,5	1,6	2.000
6082AA00	22,0	Ø 2,5	1,6	2.000



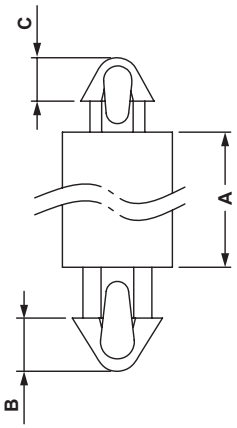


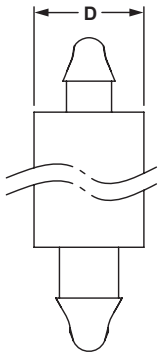
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Bohrung Oben/Unten** *Hole Top/Bottom*	**Materialstärke Oben/Unten** *Panel Thickness Top/Bottom*	**VPE-Stckz.** *Moq-Pcs*
6210AA00	2,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6211AA00	3,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6212AA00	4,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6213AA00	5,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6214AA00	6,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6215AA00	7,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6216AA00	8,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6217AA00	10,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6218AA00	12,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6219AA00	14,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6220AA00	16,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6221AA00	18,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6222AA00	20,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000
6223AA00	22,0	4,8	4,8	4,5	Ø 3,5	1,6	1.000

SEPARADORES DE CIRCUITO IMPRESO
DUAL LOCKING P.C.B. SUPPORT SPACERS





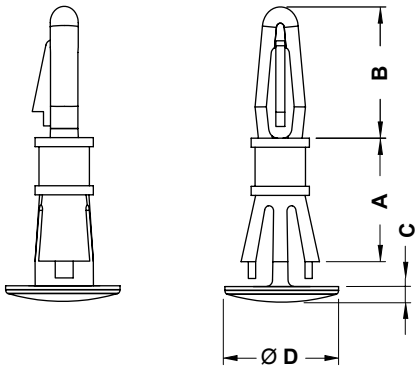


- **Material: PA 6.6** / *Material: PA 6.6*
- **Color: natural** / *Colour: natural*
- **Autoextinguibilidad: UL94-V2** / *Flammability: UL94-V2*
- **Temperatura de trabajo** / *Working temperature: -35°C ~ +85°C*
- **Todas las medidas en mm /** *All dimensions are in mm*

CÓDIGO *P/N*	A	B	C	D	Orificio Superior *Top Hole*	Espesor *Thickness*	Orificio Inferior *Bottom Hole*	Espesor *Thickness*	CANTIDAD *Moq./Pcs.*
8286AA0001.6	**1.6**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0002.5	**2.5**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0003.2	**3.2**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0004.0	**4,0**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0004.8	**4,8**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0005.5	**5.5**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0006.4	**6.4**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0007.0	**7,0**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0007.9	**7.9**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0009.5	**9,5**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0010.0	**10,0**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000
8286AA0012.7	**12,7**	2,0	1,6	Ø 3,9	Ø 2,0	1,0	Ø 2,5	1,6	1.000

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- **Material: PA 66 /** *Material: Nylon 66*
- **Temperaturbereich /** Working temperature**: -35°C ~ +130°C**
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

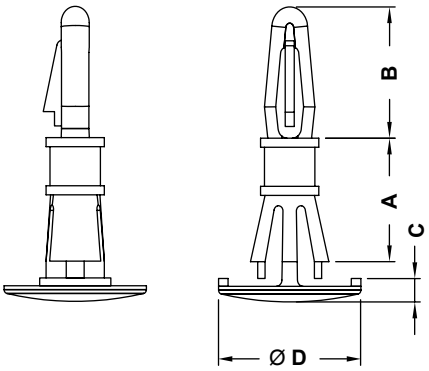
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Bohrung Unten** *Bottom Hole*	**Stärke Unten** *Panel Thickness bottom*	**Bohrung Oben** *Top Hole*	**Leiterplatte Stärke** *Panel Thickness Top*	**VPE-Stckz.** *Moq-Pcs*
10000AA01	4,0 - 36,0	9,8	1,7	9,0	Ø 5,0	1,0	Ø 3,2	1,5	500
10001AA01	4,0 - 65,0	9,8	1,7	9,0	Ø 5,0	1,5	Ø 3,2	1,5	500
10002AA01	4,0 - 36,0	9,8	1,7	9,0	Ø 5,0	2,0	Ø 3,2	1,5	500
10003AA01	4,0 - 36,0	9,8	1,7	9,0	Ø 5,0	2,5	Ø 3,2	1,5	500
10004AA01	4,0 - 36,0	9,8	1,7	9,0	Ø 5,0	3,0	Ø 3,2	1,5	500
10005AA01	4,0 - 36,0	9,8	1,7	9,0	Ø 5,0	4,0	Ø 3,2	1,5	500
10006AA01	4,0 - 36,0	9,8	1,5	9,0	Ø 5,0	1,0	Ø 4,0	0,6	500
10007AA01	4,0 - 36,0	9,8	1,7	9,0	Ø 5,0	1,5	Ø 4,0	1,6	500
10008AA01	4,0 - 36,0	9,8	1,7	9,0	Ø 5,0	1,0	Ø 4,0	1,5	500

Lieferbare Höhen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10002AA0108.0 für den Abstandshalter 10002AA01 mit Höhe 8,0 mm. /
Order example: 10002AA0108.0 for the 10002AA01 8,0 mm. lenght spacer.

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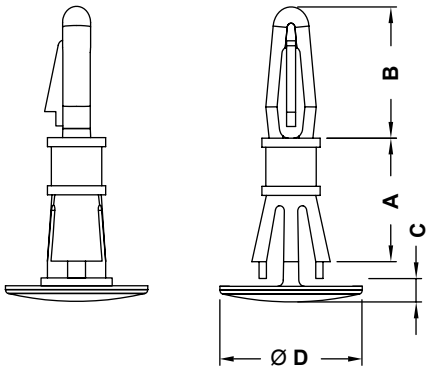


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Bohrung Oben** *Top Hole*	**Material-stärke Oben** *Panel Thickness Top*	**Bohrung Unten** *Bottom Hole*	**Material-stärke Unten** *Panel Thickness bottom*	**VPE-Stckz.** *Moq-Pcs*
6240AA00	**6,4**	8,7	1,5	Ø 9,5	Ø 3,2	1,2 - 1,7	Ø 4,8	1,5 - 1,6	1.000
6353AA00	**7,9**	8,7	1,5	Ø 9,5	Ø 3,2	1,2 - 1,7	Ø 4,8	1,5 - 1,6	1.000
6241AA00	**9,5**	8,7	1,5	Ø 9,5	Ø 3,2	1,2 - 1,7	Ø 4,8	1,5 - 1,6	1.000
6354AA00	**11,1**	8,7	1,5	Ø 9,5	Ø 3,2	1,2 - 1,7	Ø 4,8	1,5 - 1,6	1.000
6242AA00	**12,7**	8,7	1,5	Ø 9,5	Ø 3,2	1,2 - 1,7	Ø 4,8	1,5 - 1,6	1.000
6355AA00	**14,3**	8,7	1,5	Ø 9,5	Ø 3,2	1,2 - 1,7	Ø 4,8	1,5 - 1,6	1.000
6356AA00	**15,9**	8,7	1,5	Ø 9,5	Ø 3,2	1,2 - 1,7	Ø 4,8	1,5 - 1,6	1.000
6909AA0006.4	**6,4**	10,3	1,8	Ø12,7	Ø 4,0	1,6	Ø 5,4	1,5 - 1,6	1.000
6909AA0009.5	**9,5**	10,3	1,8	Ø12,7	Ø 4,0	1,6	Ø 5,4	1,5 - 1,6	1.000
6909AA0012.7	**12,7**	10,3	1,8	Ø12,7	Ø 4,0	1,6	Ø 5,4	1,5 - 1,6	1.000
6909AA0015.9	**15,9**	10,3	1,8	Ø12,7	Ø 4,0	1,6	Ø 5,4	1,5 - 1,6	1.000
6909AA0019.1	**19,1**	10,3	1,8	Ø12,7	Ø 4,0	1,6	Ø 5,4	1,5 - 1,6	1.000
6909AA0022.2	**22,2**	10,3	1,8	Ø12,7	Ø 4,0	1,6	Ø 5,4	1,5 - 1,6	1.000
6909AA0025.4	**25,4**	10,3	1,8	Ø12,7	Ø 4,0	1,6	Ø 5,4	1,5 - 1,6	1.000
1199AA00	**6,3**	9,7	2,8	9,3	Ø 4,5	1,0 - 1,2	Ø 6,4	1,6	2.500

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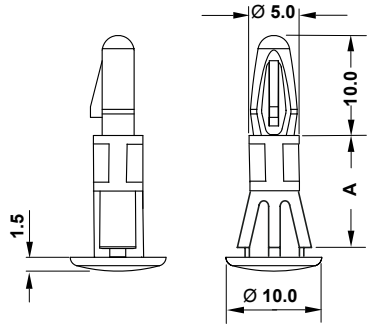


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Bohrung Oben** *Top Hole*	**Material-stärke Oben** *Panel Thickness Top*	**Bohrung Unten** *Bottom Hole*	**Materialstärke Unten** *Panel Thickness bottom*	**VPE-Stckz.** *Moq-Pcs*
5912AA00	**3,5**	10,0	3,0	10,0	Ø 4,0	1,2 - 1,7	Ø 5,5	0,8 - 1,6	1.000
5913AA00	**6,4**	10,0	2,8	12,7	Ø 4,0	1,6	Ø 5,5	1,2 - 2,0	1.000
5914AA00	**6,3**	10,0	3,1	10,0	Ø 4,0	1,6	Ø 5,5	1,0 - 1,7	1.000
5915AA00	**7,9**	10,0	3,1	10,0	Ø 4,0	1,6	Ø 5,5	1,0 - 1,7	1.000
5916AA00	**10,0**	10,0	3,1	10,0	Ø 4,0	1,6	Ø 5,5	1,0 - 1,7	1.000
5917AA00	**12,0**	10,0	3,1	10,0	Ø 4,0	1,6	Ø 5,5	1,0 - 1,7	1.000
5918AA00	**12,7**	10,0	3,1	10,0	Ø 4,0	1,6	Ø 5,5	1,0 - 1,7	1.000

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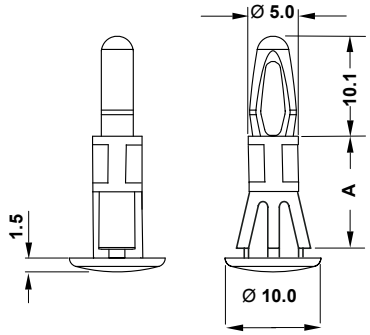




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	Bohrung Oben *Top Hole*	Materialstärke *Thickness*	Bohrung Unten *Bottom Hole*	Materialstärke *Thickness*	VPE-Stckz. *Moq-Pcs*
6049AA0004.8	4,8	Ø 4,0	1,6	Ø 6,0	0,8 - 1,2	1.000
6049AA0006.4	6,4	Ø 4,0	1,6	Ø 6,0	0,8 - 1,2	1.000
6049AA0008.0	8,0	Ø 4,0	1,6	Ø 6,0	0,8 - 1,2	1.000
6049AA0009.5	9,5	Ø 4,0	1,6	Ø 6,0	0,8 - 1,2	1.000
6049AA0012.7	12,7	Ø 4,0	1,6	Ø 6,0	0,8 - 1,2	1.000
6049AA0015.9	15,9	Ø 4,0	1,6	Ø 6,0	0,8 - 1,2	1.000
6049AA0019.0	19,0	Ø 4,0	1,6	Ø 6,0	0,8 - 1,2	1.000



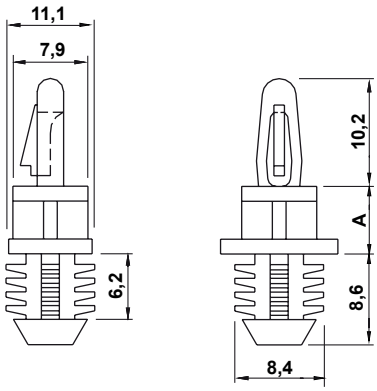


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	Bohrung Oben *Top Hole*	Materialstärke *Thickness*	Bohrung Unten *Bottom Hole*	Stärke *Thickness*	Entflammbarkeit *UL Flammability*	VPE-Stckz. *Moq-Pcs.*
12020AA0004.8	4,8	Ø 4,0	1,6	Ø 5,5	1,0 - 1,7	V2 (UL94)	1.000
12020AA0010.0	10,0	Ø 4,0	1,6	Ø 5,5	1,0 - 1,7	V2 (UL94)	1.000
9211AR00	4,8	Ø 4,0	1,6	Ø 6,0	0,8 - 1,2	V0 (UL94)	1.000

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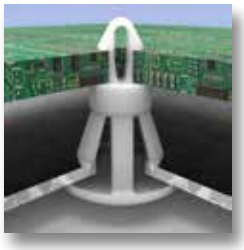


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

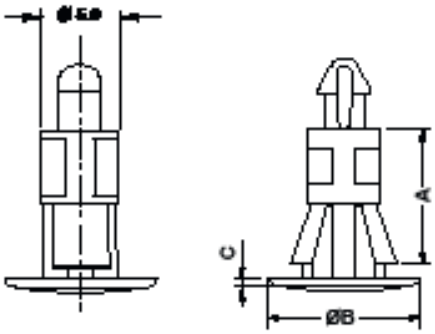
ARTIKEL *P/N*	A	Bohrung Oben *Top Hole*	Materialstärke *Panel Thickness*	Bohrung Unten *Bottom Hole*	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
8170AA00	**4,8**	Ø 4,0	1,2 - 1,7	Ø 7,9	6,4	1.000
8171AA00	**6,4**	Ø 4,0	1,2 - 1,7	Ø 7,9	6,4	1.000
8172AA00	**9,5**	Ø 4,0	1,2 - 1,7	Ø 7,9	6,4	1.000
8173AA00	**11,1**	Ø 4,0	1,2 - 1,7	Ø 7,9	6,4	1.000
8174AA00	**12,7**	Ø 4,0	1,2 - 1,7	Ø 7,9	6,4	1.000
8175AA00	**15,9**	Ø 4,0	1,2 - 1,7	Ø 7,9	6,4	1.000
8176AA00	**19,1**	Ø 4,0	1,2 - 1,7	Ø 7,9	6,4	1.000
8177AA00	**22,2**	Ø 4,0	1,2 - 1,7	Ø 7,9	6,4	1.000
8178AA00	**25,4**	Ø 4,0	1,2 - 1,7	Ø 7,9	6,4	1.000

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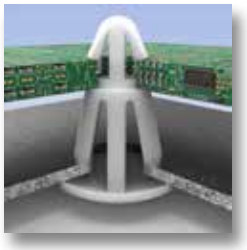




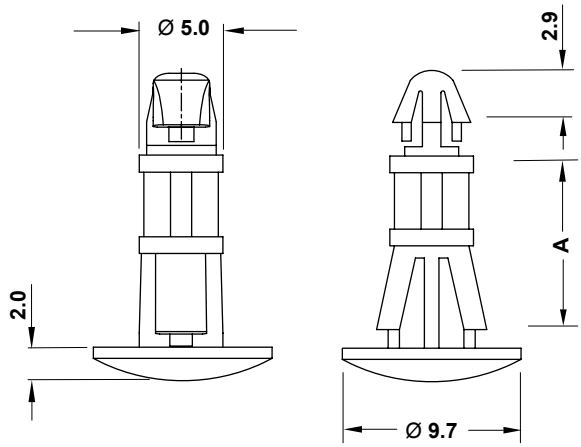
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**B**	**C**	**Bohrung Oben** *Top Hole*	**Materialstärke Oben** *Panel Thickness Top*	**Bohrung Unten** *Bottom Hole*	**Materialstärke Unten** *Thickness Bottom*	**VPE-Stckz.** *Moq-Pcs*
11408AA0003.2	3,2	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0004.0	4,0	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0004.5	4,5	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0005.0	5,0	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0005.5	5,5	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0006.0	6,0	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0006.4	6,4	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0007.0	7,0	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0007.5	7,5	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0009.0	9,0	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0009.5	9,5	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0010.0	10,0	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0011.1	11,1	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0012.0	12,0	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0012.7	12,7	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0014.0	14.0	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11408AA0016.0	16,0	8,0	2,0	Ø 2,0	1,6	Ø 4,0	0,8 - 1,6	1.000
11409AA0002.5	2,5	8,0	2,0	Ø 2,5	1,6	Ø 4,0	0,8 - 1,6	1.000
11409AA0003.0	3,0	8,0	2,0	Ø 2,5	1,6	Ø 4,0	0,8 - 1,6	1.000
11409AA0004.5	4,5	8,0	2,0	Ø 2,5	1,6	Ø 4,0	0,8 - 1,6	1.000
11409AA0005.5	5,5	8,0	2,0	Ø 2,5	1,6	Ø 4,0	0,8 - 1,6	1.000
11409AA0006.4	6,4	8,0	2,0	Ø 2,5	1,6	Ø 4,0	0,8 - 1,6	1.000
11409AA0007.5	7,5	8,0	2,0	Ø 2,5	1,6	Ø 4,0	0,8 - 1,6	1.000
11409AA0009.5	9,5	8,0	2,0	Ø 2,5	1,6	Ø 4,0	0,8 - 1,6	1.000
11409AA0011.1	11,1	8,0	2,0	Ø 2,5	1,6	Ø 4,0	0,8 - 1,6	1.000
11409AA0012.7	12,7	8,0	2,0	Ø 2,5	1,6	Ø 4,0	0,8 - 1,6	1.000





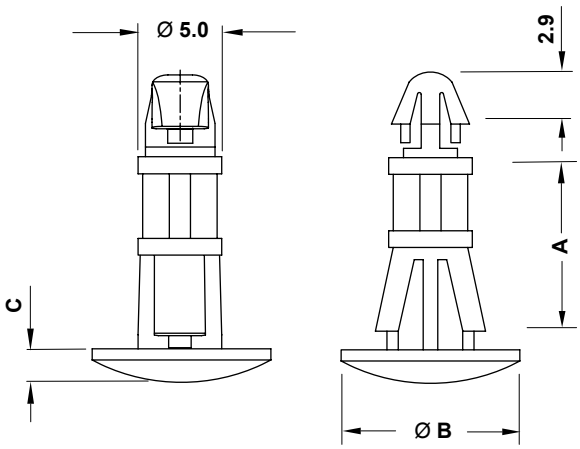


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben** *Top Hole*	**Materialstärke Oben** *Panel Thickness Top*	**Bohrung Unten** *Bottom Hole*	**Materialstärke Unten** *Thickness Bottom*	**VPE-Stckz.** *Moq-Pcs.*
11402AA0005.0	5,0	Ø 3,0	1,6	Ø 4,8	0,8 - 2,0	2.000
11402AA0006.3	6,3	Ø 3,0	1,6	Ø 4,8	0,8 - 2,0	2.000
11402AA0008.0	8,0	Ø 3,0	1,6	Ø 4,8	0,8 - 2,0	1.000
11402AA0010.0	10,0	Ø 3,0	1,6	Ø 4,8	0,8 - 2,0	1.000
11402AA0012.7	12,7	Ø 3,0	1,6	Ø 4,8	0,8 - 2,0	1.000

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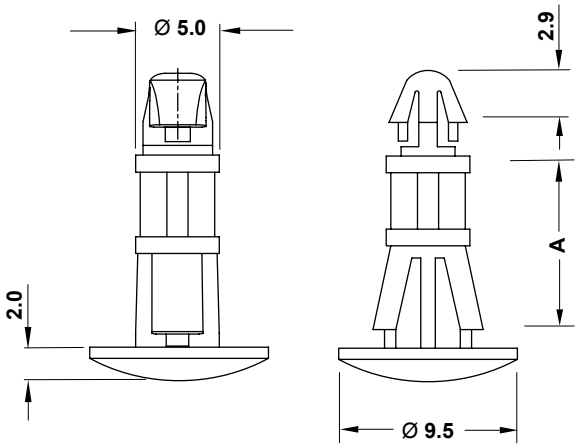


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	B	C	**Bohrung Oben** *Top Hole*	**Materialstärke** *Panel Thickness*	**Bohrung Unten** *Bottom Hole*	**Materialstärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
8445AA00	**2,5**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	2.000
8446AA00	**3,2**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	2.000
8447AA00	**4,0**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	2.000
8448AA00	**5,0**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	2.000
8449AA00	**7,0**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	1.000
8450AA00	**8,0**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	1.000
8451AA00	**9,0**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	1.000
8452AA00	**10,0**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	1.000
8453AA00	**12,0**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	1.000
8454AA00	**14,0**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	1.000
8455AA00	**16,0**	8,0	2,7	Ø 3,0	1,6	Ø 4,0	0,8 - 1,6	1.000
8456AA00	**3,5**	9,5	2,0	Ø 3,0	1,2 - 1,7	Ø 5,5	0,6 - 1,2	1.000
8457AA00	**4,8**	9,5	2,0	Ø 3,0	1,2 - 1,7	Ø 5,5	0,6 - 1,2	1.000
8458AA00	**6,4**	9,5	2,0	Ø 3,0	1,2 - 1,7	Ø 5,5	0,6 - 1,2	1.000
8459AA00	**7,0**	9,5	2,0	Ø 3,0	1,2 - 1,7	Ø 5,5	0,6 - 1,2	1.000
8460AA00	**8,0**	9,5	2,0	Ø 3,0	1,2 - 1,7	Ø 5,5	0,6 - 1,2	1.000
8461AA00	**10,0**	9,5	2,0	Ø 3,0	1,2 - 1,7	Ø 5,5	0,6 - 1,2	1.000
8462AA00	**11,0**	9,5	2,0	Ø 3,0	1,2 - 1,7	Ø 5,5	0,6 - 1,2	1.000
8463AA00	**12,7**	9,5	2,0	Ø 3,0	1,2 - 1,7	Ø 5,5	0,6 - 1,2	1.000
8464AA00	**15,9**	9,5	2,0	Ø 3,0	1,2 - 1,7	Ø 5,5	0,6 - 1,2	1.000





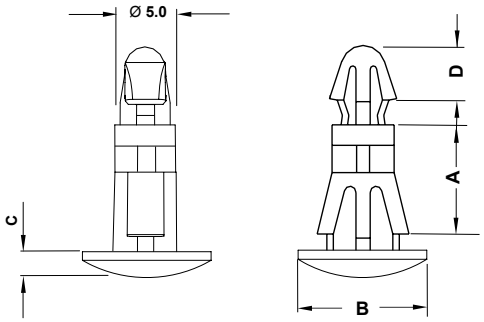


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** */ on special request in Material PA 6.6 UL94V0 available*

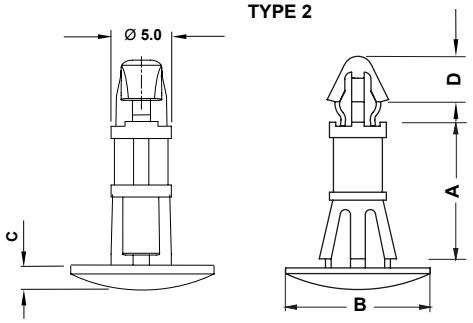
ARTIKEL *P/N*	**A**	**Bohrung Oben** *Top Hole*	**Materialstärke Oben** *Panel Thickness Top*	**Bohrung Unten** *Bottom Hole*	**Materialstärke Unten** *Thickness Bottom*	**VPE-Stckz.** *Moq-Pcs*
11403AA0003.5	3,5	Ø 3,5	1,6	Ø 5,5	0,8 - 1,2	1.000
11403AA0004.8	4,8	Ø 3,5	1,6	Ø 5,5	0,8 - 1,2	1.000
11403AA0006.3	6,3	Ø 3,5	1,6	Ø 5,5	0,8 - 1,2	1.000
11403AA0007.0	7,0	Ø 3,5	1,6	Ø 5,5	0,8 - 1,2	1.000
11403AA0008.0	8,0	Ø 3,5	1,6	Ø 5,5	0,8 - 1,2	1.000
11403AA0010.0	10,0	Ø 3,5	1,6	Ø 5,5	0,8 - 1,2	1.000
11403AA0011.0	11,0	Ø 3,5	1,6	Ø 5,5	0,8 - 1,2	1.000
11403AA0012.7	12,7	Ø 3,5	1,6	Ø 5,5	0,8 - 1,2	1.000
11403AA0015.9	15,9	Ø 3,5	1,6	Ø 5,5	0,8 - 1,2	1.000



TYPE 1



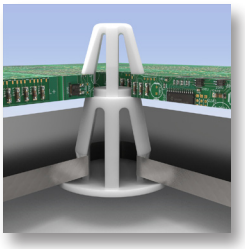
TYPE 2

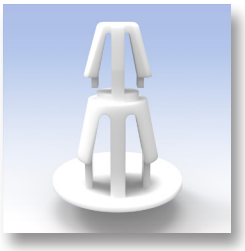


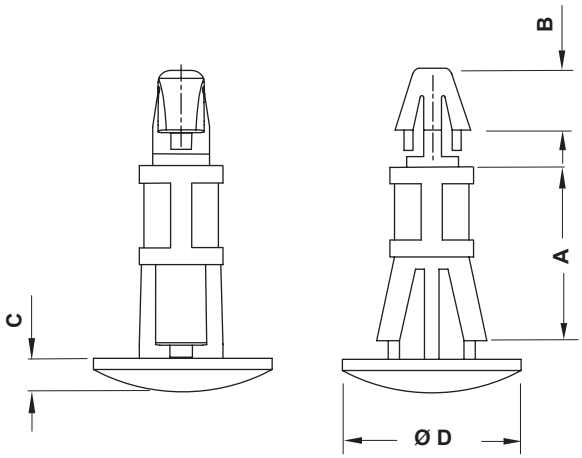
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**Type**	**A**	B	C	D	**Bohrung Oben** *Top Hole*	**Materialstärke** *Thickness*	**Bohrung Unten** *Bottom Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
5306AA00	1	**6,0**	Ø 10,0	1,8	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	1,2 - 1,8	1.000
5307AA00	1	**7,0**	Ø 10,0	1,8	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	1,2 - 1,8	1.000
5308AA00	1	**8,0**	Ø 10,0	1,8	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	1,2 - 1,8	1.000
5309AA00	1	**10,0**	Ø 10,0	1,8	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	1,2 - 1,8	1.000
5310AA00	1	**12,0**	Ø 10,0	1,8	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	1,2 - 1,8	1.000
5311AA00	1	**14,0**	Ø 10,0	1,8	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	1,2 - 1,8	1.000
5312AA00	1	**16,0**	Ø 10,0	1,8	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	1,2 - 1,8	1.000
5313AA00	1	**18,0**	Ø 10,0	1,8	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	1,2 - 1,8	1.000
11156AA00	2	**8,0**	Ø 12,7	2,0	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	0,8 - 1,6	1.000
11158AA00	2	**10,0**	Ø 12,7	1,7	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	0,8 - 1,6	1.000
11160AA00	2	**12,0**	Ø 12,7	1,7	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	0,8 - 1,6	1.000
11162AA00	2	**12,7**	Ø 12,7	1,7	4,0	Ø 4,0	1,2 - 1,7	Ø 5,5	0,8 - 1,6	1.000

ABSTANDSHALTER FLACHKOPF
P.C.B. SPACERS







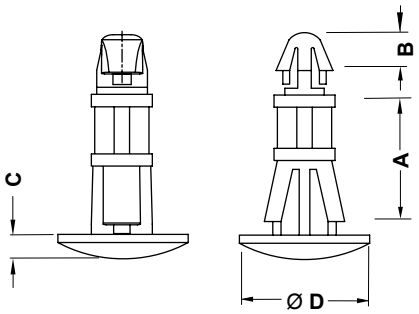
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Auf Anfrage: UL94 V0** / *special request only UL94 V0*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Bohrung Oben** *Top Hole*	**Stärke** *Thickness*	**Bohrung Unten** *Bottom Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
11462AA0003.5	3,5	4,2	1,7	Ø 11,3	Ø 4,0	1,6	Ø 5,5	1,5 - 2,2	1.000
11462AA0005.0	5,0	4,2	1,7	Ø 11,3	Ø 4,0	1,6	Ø 5,5	1,5 - 2,2	1.000
11462AA0006.3	6,3	4,2	1,7	Ø 11,3	Ø 4,0	1,6	Ø 5,5	1,5 - 2,2	1.000
11462AA0008.0	8,0	4,2	1,7	Ø 11,3	Ø 4,0	1,6	Ø 5,5	1,5 - 2,2	1.000
11462AA0010.0	10,0	4,2	1,7	Ø 11,3	Ø 4,0	1,6	Ø 5,5	1,5 - 2,2	1.000
11462AA0012.7	12,7	4,2	1,7	Ø 11,3	Ø 4,0	1,6	Ø 5,5	1,5 - 2,2	1.000
11462AA0015.9	15,9	4,2	1,7	Ø 11,3	Ø 4,0	1,6	Ø 5,5	1,5 - 2,2	1.000
11462AA0019.0	19,0	4,2	1,7	Ø 11,3	Ø 4,0	1,6	Ø 5,5	1,5 - 2,2	1.000
11462AA0025.4	25,4	4,2	1,7	Ø 11,3	Ø 4,0	1,6	Ø 5,5	1,5 - 2,2	1.000
11462AA0035.5	35,5	4,2	1,7	Ø 11,3	Ø 4,0	1,6	Ø 5,5	1,5 - 2,2	1.000

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P.C.B. SPACERS



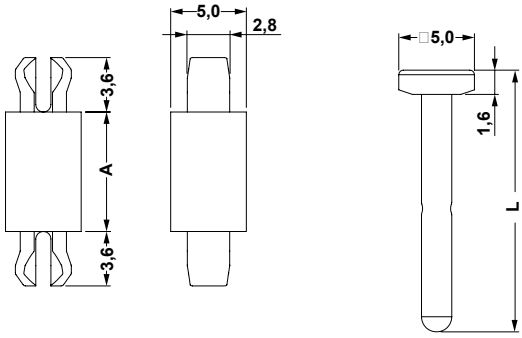


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Bohrung Oben** *Hole Top*	**Materialstärke Oben** *Panel Thickness Top*	**Bohrung Unten** *Hole Bottom*	**Materialstärke Unten** *Thickness Bottom*	**VPE-Stckz.** *Moq-Pcs*
6243AA00	**5,0**	11	2,2	3,1	Ø 4,0	1,2 - 1,7	Ø 6,0	0,8 - 2,0	2.000
6244AA00	**6,4**	11	2,2	3,1	Ø 4,0	1,2 - 1,7	Ø 6,0	0,8 - 2,0	2.000
6245AA00	**8,0**	11	2,2	3,1	Ø 4,0	1,2 - 1,7	Ø 6,0	0,8 - 2,0	1.000
6246AA00	**10,0**	11	2,2	3,1	Ø 4,0	1,2 - 1,7	Ø 6,0	0,8 - 2,0	1.000
6247AA00	**12,7**	11	2,2	3,1	Ø 4,0	1,2 - 1,7	Ø 6,0	0,8 - 2,0	1.000
6248AA00	**15,9**	11	2,2	3,1	Ø 4,0	1,2 - 1,7	Ø 6,0	0,8 - 2,0	1.000

LEITERPLATTENBEFESTIGUNG MIT VERRIEGELUNG
REUSABLE LATCH SUPPORT SPACERS

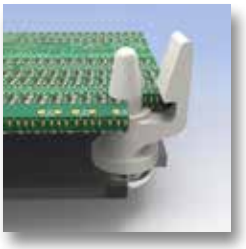


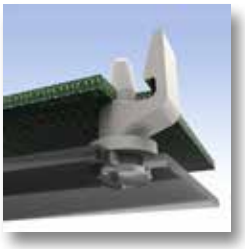


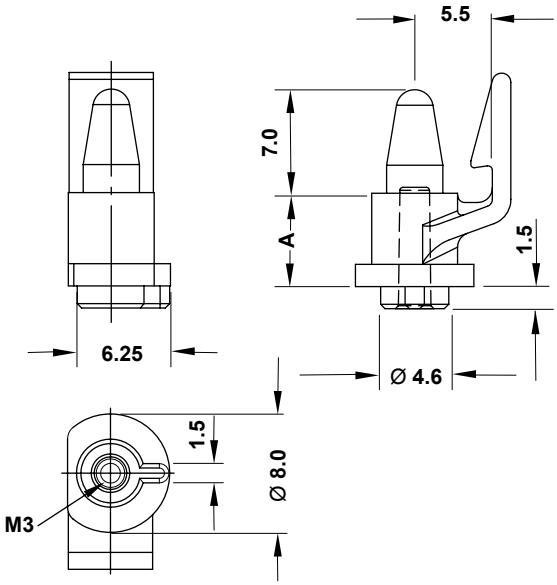
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	L	Bohrung Oben *Top Hole*	Materialstärke *Thickness*	Bohrung Unten *Bottom Hole*	Materialstärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
11463AA0006.4	**6,3**	15,7	Ø 3,0	1,6	Ø 3,0	1,6	1.000
11463AA0008.0	**7,9**	17,3	Ø 3,0	1,6	Ø 3,0	1,6	1.000
11463AA0010.0	**10,0**	19,4	Ø 3,0	1,6	Ø 3,0	1,6	1.000
11463AA0012.7	**12,7**	22,1	Ø 3,0	1,6	Ø 3,0	1,6	1.000
11463AA0015.9	**15,9**	25,3	Ø 3,0	1,6	Ø 3,0	1,6	1.000

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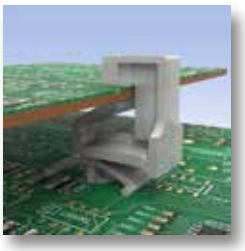


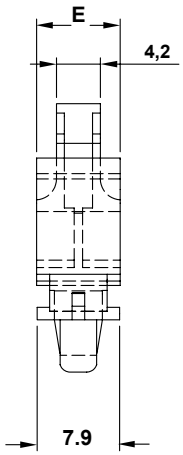


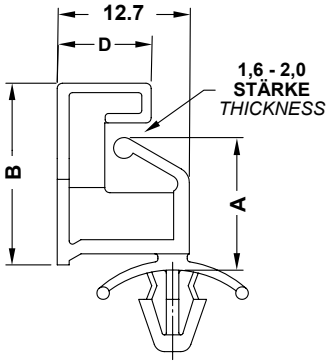
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	**Bohrung Oben** *Hole Top*	**Materialstärke Oben** *Panel Thickness Top*	**VPE-Stckz.** *Moq-Pcs*
13060AA00	6,3	Ø 4,0	1,2 - 1,6	500
13061AA00	8,0	Ø 4,0	1,2 - 1,6	500
13062AA00	10,0	Ø 4,0	1,2 - 1,6	500
13063AA00	12,0	Ø 4,0	1,2 - 1,6	500
13064AA00	18,5	Ø 4,0	1,2 - 1,6	500









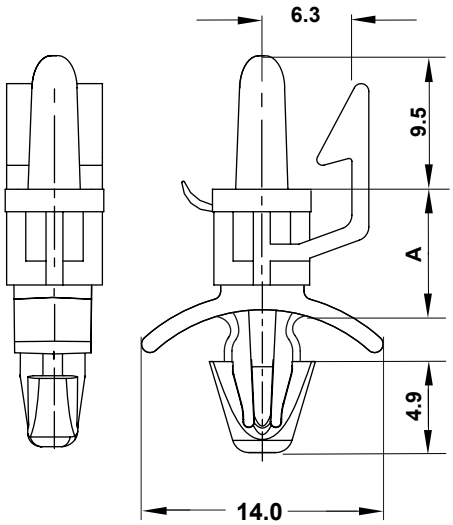
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12830AA00	11,0	6,3	9,0	8,0	Ø 4,8	0,8 - 2,0	1.000
12831AA00	12,7	8,0	9,0	8,0	Ø 4,8	0,8 - 2,0	1.000
12832AA00	12,7	8,0	7,6	6,0	Ø 4,8	0,8 - 2,0	1.000
12833AA00	14,2	9,5	9,0	8,0	Ø 4,8	0,8 - 2,0	1.000
12834AA00	17,4	12,7	9,0	8,0	Ø 4,8	0,8 - 2,0	1.000
12835AA00	20,6	15,9	9,0	8,0	Ø 4,8	0,8 - 2,0	1.000





MONTAGE / *APPLICATION*



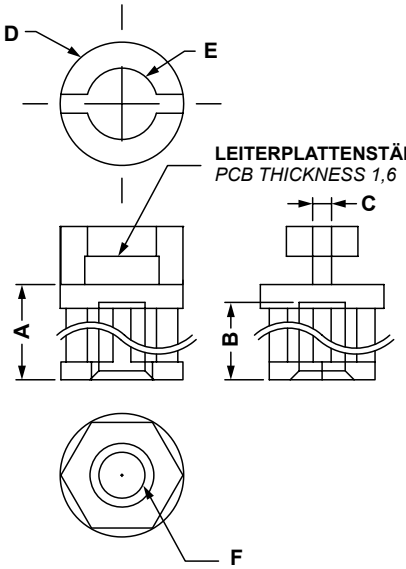
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

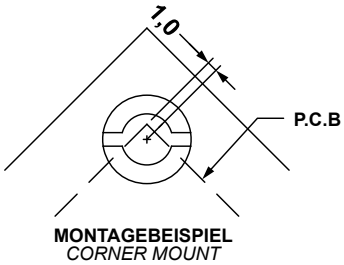
ARTIKEL *P/N*	**A**	**Bohrung Unten** *Hole Bottom*	**Materialstärke Unten** *Panel Thickness Bottom*	**Bohrung Oben** *Hole Top*	**Materialstärke Oben** *Panel Thickness Top*	**VPE-Stckz.** *Moq-Pcs*
6020AA00	**6,3**	Ø 4,8	0,5 - 2,0	Ø 4,0	1,6 - 1,8	1.000
6021AA00	**8,0**	Ø 4,8	0,5 - 2,0	Ø 4,0	1,6 - 1,8	1.000
6022AA00	**9,5**	Ø 4,8	0,5 - 2,0	Ø 4,0	1,6 - 1,8	1.000
6023AA00	**12,7**	Ø 4,8	0,5 - 2,0	Ø 4,0	1,6 - 1,8	1.000
6024AA00	**15,9**	Ø 4,8	0,5 - 2,0	Ø 4,0	1,6 - 1,8	1.000

ABSTANDSHALTER FÜR ECKMONTAGE
EDGE HOLDING P.C.B. SUPPORT

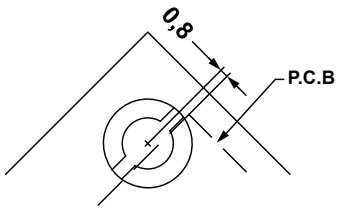








MONTAGEBEISPIEL
CORNER MOUNT



SELBSTSCHNEIDE SCHRUBE
SELF TAPING SCREW

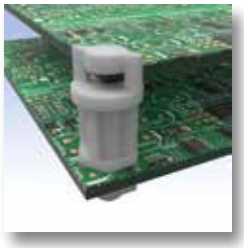
MONTAGEBEISPIEL
CORNER MOUNT

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

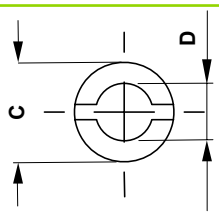
ARTIKEL *P/N*	A	B	C	D	E	F	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14439AA00	6,4	5,2	1,27	Ø 8,3	Ø 4,8	Ø 3,1	1,6	**ST 3,5** / *ST 3,5*	1.000
14440AA00	9,5	7,9	1,27	Ø 8,3	Ø 4,8	Ø 3,1	1,6	**ST 3,5** / *ST 3,5*	1.000
14441AA00	12,7	7,9	1,27	Ø 8,3	Ø 4,8	Ø 3,1	1,6	**ST 3,5** / *ST 3,5*	1.000
14442AA00	15,9	7,9	1,27	Ø 8,3	Ø 4,8	Ø 3,1	1,6	**ST 3,5** / *ST 3,5*	1.000

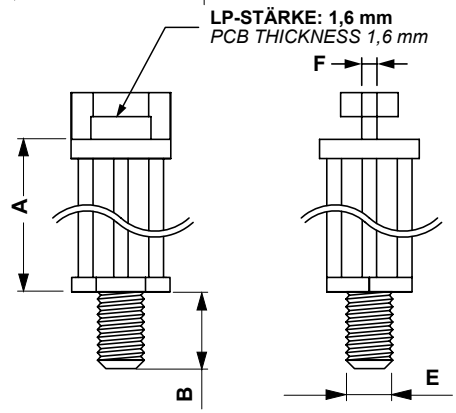
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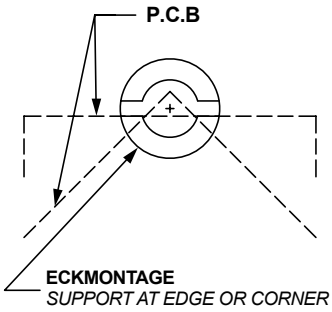
ABSTANDSHALTER FÜR ECKMONTAGE MIT GEWINDE
EDGE HOLDING P.C.B. SUPPORT









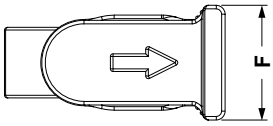


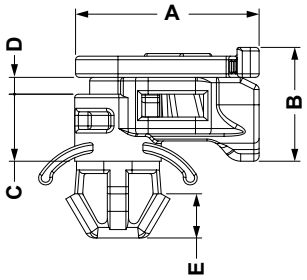
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

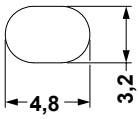
ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14447AA00	6,4	6,4	Ø 8,3	Ø 4,8	M4	1,3		1.000
14448AA00	9,5	6,4	Ø 8,3	Ø 4,8	M4	1,3		1.000
14449AA00	12,7	6,4	Ø 8,3	Ø 4,8	M4	1,3		1.000
14450AA00	15,9	6,4	Ø 8,3	Ø 4,8	M4	1,3		1.000











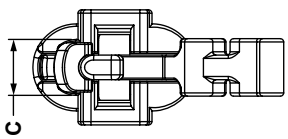
MONTAGELÖCHER
MOUNTING HOLE

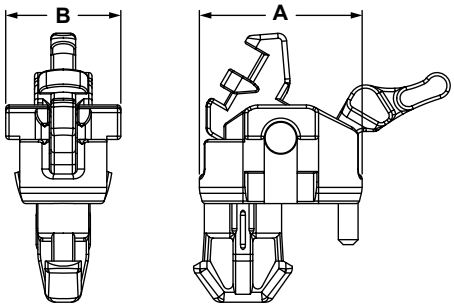
- **Material: PA 6.6** / *Body material: PA6.6*
- **Material Verschluß: PA 6.6 GV** / *Latch material: PA6.6 GF*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

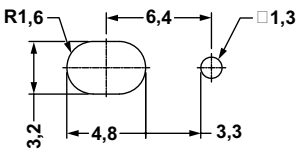
ARTIKEL *P/N*	A	B	C	D	E	F	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14443AA01	10,4	6,4	3,8	0,9	2,5	6,5	1,6		1.000







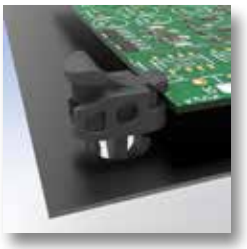




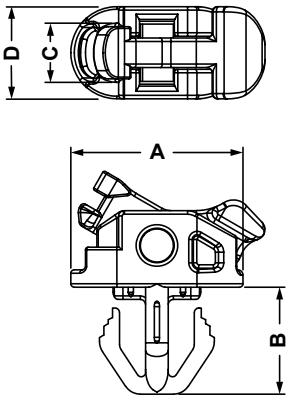
MONTAGELÖCHER
MOUNTING HOLE

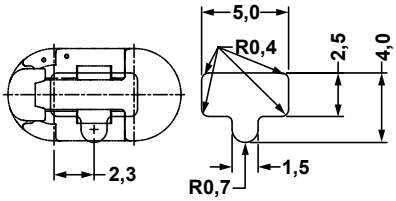
- **Material: PA 6.6** / *Body material: PA6.6*
- **Material Verschluß: PA 6.6 GV** / *Latch material: PA6.6 GF*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14446AA01	9,9	7,0	3,4	3,1		1.000







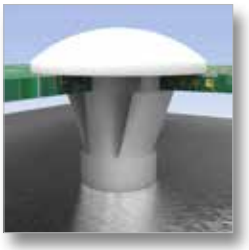


MONTAGEBOHRUNG
MOUNTING HOLE

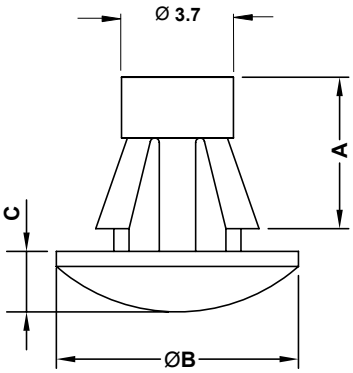
- **Material: PA 6.6 V2(UL94)** / *Body material: PA6.6 V2(UL94)*
- **Material Verschluß: PA 6.6 GV V0(UL94)** / *Latch material: PA6.6 GF V0(UL94)*
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14444AA01	9,9	6,1	3,4	5,3	1,8 - 2,2		1.000
14445AA01	9,9	6,1	3,4	5,3	1,8 - 2,2		1.000

ABSTANDSHALTER FLACHKOPF EINSEITIG
P.C.B. SPACERS





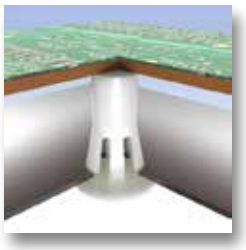


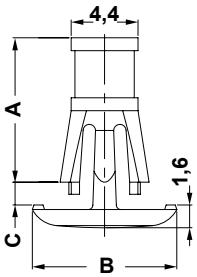
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs.*
11400AA0002.5	2,5	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0003.2	3,2	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0004.0	4,0	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0004.5	4,5	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0005.0	5,0	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0005.5	5,5	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0006.0	6,0	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0006.4	6,4	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0007.0	7,0	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0007.5	7,5	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0008.0	8,0	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0009.0	9,0	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0009.5	9,5	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0010.0	10,0	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0011.1	11,1	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0012.0	12,0	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0012.7	12,7	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0014.0	14,0	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000
11400AA0016.0	16,0	Ø 8,0	2,0	Ø 4,0	0,8 - 1,6	1.000

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ABSTANDSHALTER FLACHKOPF EINSEITIG
P.C.B SUPPORT

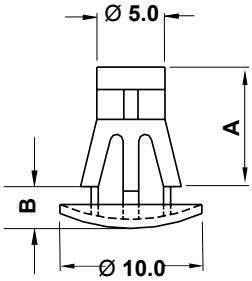




- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

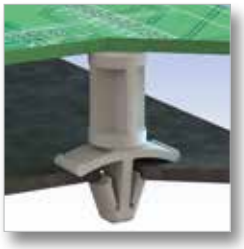
ARTIKEL *P/N*	A	B	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15794AA0006.4	6,4	Ø 9,5	Ø 4,8	1,5 - 1,6		1.000
15794AA0007.9	7,9	Ø 9,5	Ø 4,8	1,5 - 1,6		1.000
15794AA0009.5	9,5	Ø 9,5	Ø 4,8	1,5 - 1,6		1.000
15794AA0011.1	11,1	Ø 9,5	Ø 4,8	1,5 - 1,6		1.000
15794AA0012.7	12,7	Ø 9,5	Ø 4,8	1,5 - 1,6		1.000
15794AA0014.3	14,3	Ø 9,5	Ø 4,8	1,5 - 1,6		1.000
15794AA0015.9	15,9	Ø 9,5	Ø 4,8	1,5 - 1,6		1.000



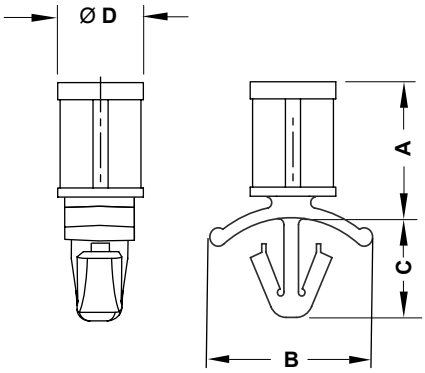


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

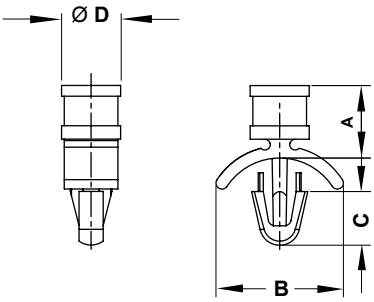
ARTIKEL *P/N*	A	B	Bohrung Unten *Bottom Hole*	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
5314AA00	**6,0**	1,6	Ø 5,5	1,2 - 1,8	1.000
5315AA00	**7,0**	2,0	Ø 5,5	0,8 - 1,6	1.000
5316AA00	**8,0**	2,0	Ø 5,5	0,8 - 1,6	1.000
5317AA00	**10,0**	2,0	Ø 5,5	0,8 - 1,6	1.000
5318AA00	**12,0**	2,0	Ø 5,5	0,8 - 1,6	1.000
5319AA00	**14,0**	2,0	Ø 5,5	0,8 - 1,6	1.000
5320AA00	**16,0**	2,0	Ø 5,5	0,8 - 1,6	1.000
5321AA00	**18,0**	2,0	Ø 5,5	0,8 - 1,6	1.000



TYPE 1



TYPE 2

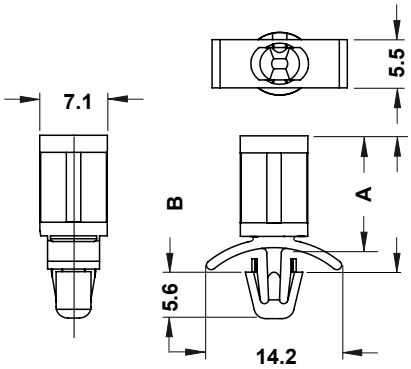


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	TYPE	A	B	C	D	Bohrung Unten *Bottom Hole*	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
6025AA00	1	**6,4**	14,0	7,4	6,1	Ø 4,8	0,8 - 2,0	1.000
5517AA00	1	**9,5**	13,5	8,2	7,0	Ø 4,8	0,5 - 2,0	2.000
5520AA00	1	**15,9**	13,5	8,2	7,0	Ø 4,8	0,5 - 2,0	2.000
6031AA00	2	**3,2**	9,5	3,2	4,4	Ø 3,0	0,8 - 2,0	1.000
6032AA00	2	**4,8**	9,5	3,2	4,4	Ø 3,0	0,8 - 2,0	1.000
6033AA00	2	**6,4**	9,5	3,2	4,4	Ø 3,0	0,8 - 2,0	1.000
6034AA00	2	**7,9**	9,5	3,2	4,4	Ø 3,0	0,8 - 2,0	1.000
6280AA00	2	**9,5**	9,5	3,2	4,4	Ø 3,0	0,8 - 2,0	1.000
5720AA00	2	**11,1**	9,5	3,2	4,4	Ø 3,0	0,8 - 2,0	1.000
6036AA00	2	**12,7**	9,5	3,2	4,4	Ø 3,0	0,8 - 2,0	1.000
6037AA00	2	**14,3**	9,5	3,2	4,4	Ø 3,0	0,8 - 2,0	1.000
6038AA00	2	**15,9**	9,5	3,2	4,4	Ø 3,0	0,8 - 2,0	1.000
6039AA00	2	**19,0**	9,5	3,2	4,4	Ø 3,0	0,8 - 2,0	1.000

DISTANZHALTER EINSEITIG
P.C.B SPACER

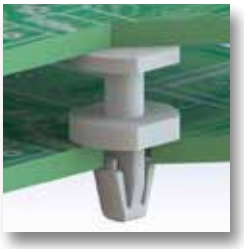


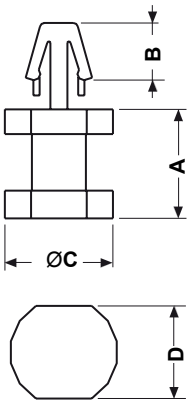


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** */ on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
9678AA00	4,8	7,6	Ø 4,8	0,8 - 2,0	1.000
9679AA00	6,4	8,9	Ø 4,8	0,8 - 2,0	1.000
9680AA00	7,9	10,7	Ø 4,8	0,8 - 2,0	1.000
9681AA00	9,5	12,3	Ø 4,8	0,8 - 2,0	1.000
9682AA00	11,1	13,9	Ø 4,8	0,8 - 2,0	1.000
9683AA00	12,7	15,5	Ø 4,8	0,8 - 2,0	1.000
9684AA00	15,9	18,7	Ø 4,8	0,8 - 2,0	1.000
9685AA00	19,1	21,9	Ø 4,8	0,8 - 2,0	1.000
9686AA00	22,2	25,0	Ø 4,8	0,8 - 2,0	1.000

DISTANZHALTER EINSEITIG
P.C.B SPACER





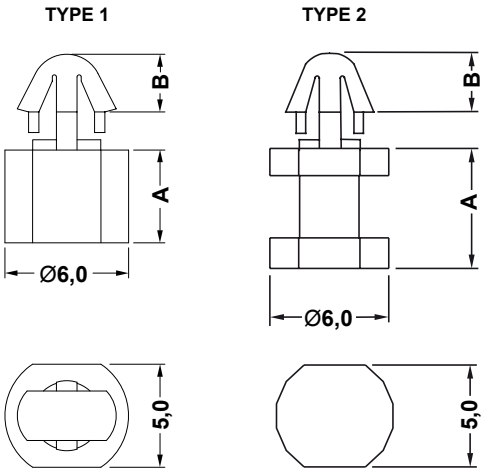
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
8179AA00	**4,0**	3,6	Ø 7,0	6,0	Ø 3,0	1,2 - 1,7	1.000
8180AA00	**5,0**	3,6	Ø 7,0	6,0	Ø 3,0	1,2 - 1,7	1.000
8181AA00	**7,0**	4,0	Ø 7,0	6,0	Ø 3,0	1,2 - 1,7	1.000
8182AA00	**8,0**	3,85	Ø 7,0	6,0	Ø 3,0	1,2 - 1,7	1.000
8183AA00	**9,0**	4,0	Ø 7,0	6,0	Ø 3,0	1,2 - 1,7	1.000
8184AA00	**11,0**	3,7	Ø 7,0	6,0	Ø 3,0	1,2 - 1,7	1.000
8185AA00	**12,0**	4,0	Ø 7,0	6,0	Ø 3,0	1,2 - 1,7	1.000
8186AA00	**13,0**	4,0	Ø 7,0	6,0	Ø 3,0	1,2 - 1,7	1.000

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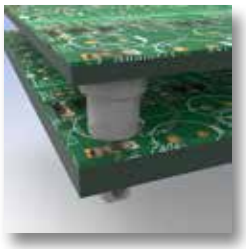
DISTANZHALTER EINSEITIG
P.C.B SPACER



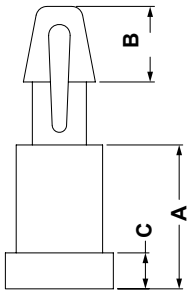


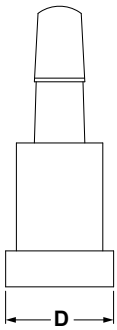
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11435AA0003.0	**1**	**3,0**	2,8	Ø 3,5	1,2 - 1,7	2.000
11435AA0003.5	**1**	**3,5**	2,8	Ø 3,5	1,2 - 1,7	2.000
11435AA0004.0	**1**	**4,0**	2,8	Ø 3,5	1,2 - 1,7	2.000
11435AA0005.0	**2**	**5,0**	2,8	Ø 3,5	1,6	2.000
11435AA0005.5	**2**	**5,5**	2,8	Ø 3,5	1,6	2.000
11435AA0006.0	**2**	**6,0**	2,8	Ø 3,5	1,6	2.000
11435AA0006.5	**2**	**6,5**	2,8	Ø 3,5	1,6	2.000
11435AA0007.0	**2**	**7,0**	2,8	Ø 3,5	1,6	2.000
11435AA0009.0	**2**	**9,0**	2,8	Ø 3,5	1,6	2.000
11435AA0010.0	**2**	**10,0**	2,8	Ø 3,5	1,6	2.000
11435AA0013.0	**2**	**13,0**	2,8	Ø 3,5	1,6	2.000
11435AA0013.5	**2**	**13,5**	2,8	Ø 3,5	1,6	2.000
11435AA0026.0	**2**	**26,0**	2,8	Ø 3,5	1,6	2.000







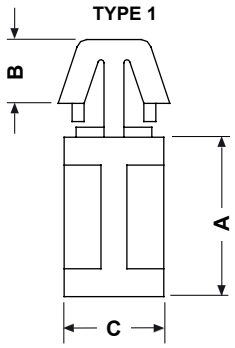


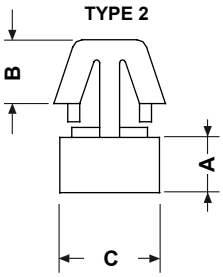
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
14451AA00	**2,0**	2,1	1,0	Ø 3,0	Ø 1,5	1,6	1.000
14452AA00	**2,5**	2,1	1,0	Ø 3,0	Ø 1,5	1,6	1.000
14453AA00	**3,0**	2,1	1,0	Ø 3,0	Ø 1,5	1,6	1.000
14454AA00	**3,5**	2,1	1,0	Ø 3,0	Ø 1,5	1,6	1.000
14455AA00	**4,0**	2,1	1,0	Ø 3,0	Ø 1,5	1,6	1.000
14456AA00	**5,0**	2,1	1,0	Ø 3,0	Ø 1,5	1,6	1.000
14457AA00	**6,0**	2,1	1,0	Ø 3,0	Ø 1,5	1,6	1.000
14458AA00	**6,5**	2,1	1,0	Ø 3,0	Ø 1,5	1,6	1.000

DISTANZHALTER EINSEITIG
P.C.B SPACER







- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

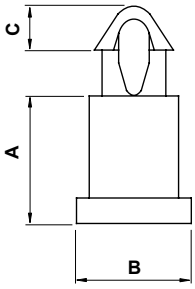
ARTIKEL *P/N*	TYPE	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10756AA00	2	**3,0**	3,1	Ø 5,0	Ø 4,0	1,2 - 1,7	2.000
10757AA00	2	**4,0**	3,1	Ø 5,0	Ø 4,0	1,2 - 1,7	2.000
10758AA00	2	**5,0**	3,1	Ø 5,0	Ø 4,0	1,2 - 1,7	2.000
10759AA00	1	**6,3**	3,1	Ø 5,0	Ø 4,0	1,2 - 1,7	2.000
10760AA00	1	**7,0**	3,1	Ø 5,0	Ø 4,0	1,2 - 1,7	2.000
10761AA00	1	**8,0**	3,1	Ø 5,0	Ø 4,0	1,2 - 1,7	2.000
10762AA00	1	**10,0**	3,1	Ø 5,0	Ø 4,0	1,6	2.000
10763AA00	1	**12,7**	3,1	Ø 5,0	Ø 4,0	1,2 - 1,7	1.000
10764AA00	1	**16,4**	3,1	Ø 5,0	Ø 4,0	1,2 - 1,7	1.000

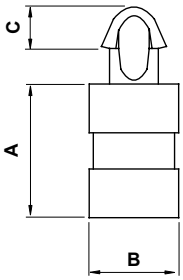
TYPE 1



TYPE 2





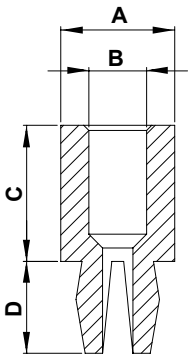


Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. / *Please add the wished lenghts to the final part of the code for your order.*
Beispielbestellung: 6360AA0002.50 für den Abstandshalter 6360AA00 mit Höhe 2,5 mm. / *Order example: 6360AA0002.50 for the 6360AA00 2,5 mm. lenght spacer.*

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
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- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
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ARTIKEL *P/N*	**TYPE**	**A**	**B**	**C**	**Bohrung** *Hole*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs*
6360AA00	1	**1,5 - 6,0**	Ø 4,5	1,6	Ø 2,5	1,6 - 1,8	2.000
A =	1,5 / 2,5 / 2,7 / 3,0 / 3,2 / 3,5 / 4,0 / 4,5 / 5,0 / 5,7 / 6,0						
6366AA00	2	**7,0 - 15,9**	Ø 4,4	2,1	Ø 2,5	1,6	2.000
A=	7,0 / 8,0 / 9,0 / 11,1 / 12,7/15,9						





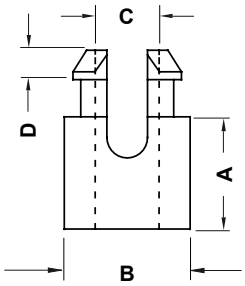
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	**C**	D	**Bohrung Unten** *Bottom Hole*	**Materialstärke** *Panel Thickness*	**Schraube** *Screw*	**VPE-Stckz.** *Moq-Pcs*
5574AA00	6,7	3,4	**3,2**	5,4	⌀ 4,5	0,8 - 2,3	ST 3.0	2.000
5575AA00	6,7	3,4	**4,8**	5,4	⌀ 4,5	0,8 - 2,3	ST 3.0	2.000
5576AA00	6,7	3,4	**6,3**	5,4	⌀ 4,5	0,8 - 2,3	ST 3.0	1.000
5577AA00	6,7	3,4	**8,0**	5,4	⌀ 4,5	0,8 - 2,3	ST 3.0	1.000
5578AA00	6,7	3,4	**10,0**	5,4	⌀ 4,5	0,8 - 2,3	ST 3.0	1.000
5579AA00	6,7	3,4	**12,7**	5,4	⌀ 4,5	0,8 - 2,3	ST 3.0	1.000
5580AA00	6,7	3,4	**15,9**	5,4	⌀ 4,5	0,8 - 2,3	ST 3.0	1.000
5581AA00	6,7	3,4	**19,1**	5,4	⌀ 4,5	0,8 - 2,3	ST 3.0	1.000

SELBSTHALTENDE ABSTANDSROLLE
SELF RETAINING SPACER





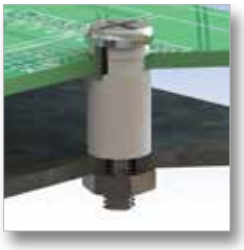


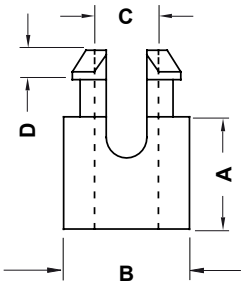
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Schraube** / *Screw:* **M2**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Bohrung Oben *Top Hole*	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
8470AA00	**2,0**	4,0	2,1	1,2	Ø 3,0	0,8 - 1,0	2.000
8471AA00	**3,0**	4,0	2,1	1,2	Ø 3,0	0,8 - 1,0	2.000
8472AA00	**4,0**	4,0	2,1	1,2	Ø 3,0	0,8 - 1,0	2.000
8473AA00	**5,0**	4,0	2,1	1,2	Ø 3,0	0,8 - 1,0	2.000
8474AA00	**6,0**	4,0	2,1	1,2	Ø 3,0	0,8 - 1,0	2.000
8475AA00	**2,0**	4,0	2,1	1,0	Ø 3,0	1,6	2.000
8476AA00	**3,0**	4,0	2,1	1,0	Ø 3,0	1,6	2.000
8477AA00	**4,0**	4,0	2,1	1,0	Ø 3,0	1,6	2.000
8478AA00	**5,0**	4,0	2,1	1,0	Ø 3,0	1,6	2.000
8479AA00	**6,0**	4,0	2,1	1,0	Ø 3,0	1,6	2.000

SELBSTHALTENDE ABSTANDSROLLE
SELF RETAINING SPACER





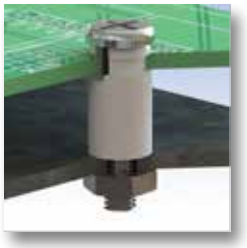


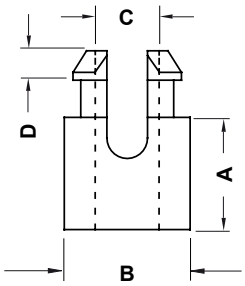
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Schraube** / *Screw:* **M2**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	**A**	B	C	D	E	**Bohrung Oben** *Top Hole*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs*
5630AA00	**3,2**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5631AA00	**3,5**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5632AA00	**4,0**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5633AA00	**4,5**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5634AA00	**4,8**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5635AA00	**6,4**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5636AA00	**7,9**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5637AA00	**9,5**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5638AA00	**11,1**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5639AA00	**12,0**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5640AA00	**12,7**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5641AA00	**14,2**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5642AA00	**15,0**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5643AA00	**15,9**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5644AA00	**19,1**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	1.000
5645AA00	**22,2**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	500
5646AA00	**25,4**	6,4	3,2	1,9	3,4	Ø 4,8	1,2 - 1,7	500

SELBSTHALTENDE ABSTANDSROLLE
SELF RETAINING SPACER



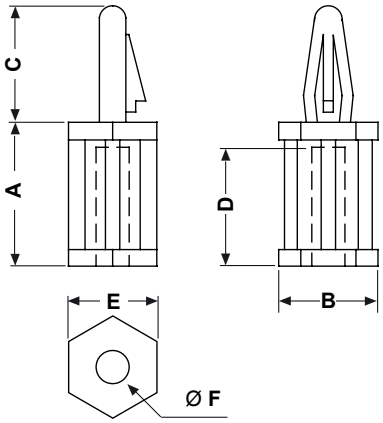




- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Schraube** / *Screw:* **M2**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Bohrung Oben *Top Hole*	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
6776AA0003.0	**3,0**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0004.0	**4,0**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0005.0	**5,0**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0006.4	**6,4**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0007.9	**7,9**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0009.5	**9,5**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0011.1	**11,1**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0012.0	**12,0**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0012.7	**12,7**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0015.9	**15,9**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0017.0	**17,0**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0019.1	**19,1**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	1.000
6776AA0022.2	**22,2**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	500
6776AA0025.4	**25,4**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	500
6776AA0030.0	**30,0**	7,1	4,2	1,5	Ø 5,9	1,2 - 1,7	500

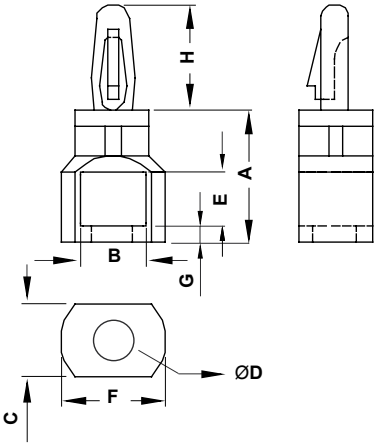


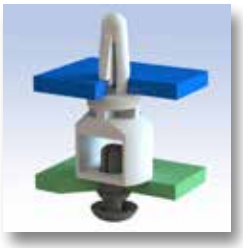


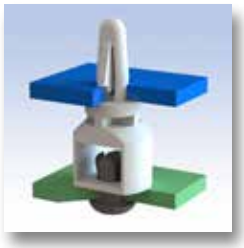
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Materialstärke *Thickness*	VPE-Stckz. *Moq-Pcs*
2460AA00	**6,4**	8,0	10,4	4,8	8,0	Ø 2,9	Ø 4,0	1,2 -1,7	1.000
2461AA00	**9,6**	8,0	10,4	8,0	8,0	Ø 2,9	Ø 4,0	1,2 -1,7	1.000
2462AA00	**12,7**	8,0	10,4	11,0	8,0	Ø 2,9	Ø 4,0	1,2 -1,7	1.000
2463AA00	**15,9**	8,0	10,4	13,0	8,0	Ø 2,9	Ø 4,0	1,2 -1,7	1.000
2464AA00	**19,2**	8,0	10,4	16,2	8,0	Ø 2,9	Ø 4,0	1,2 -1,7	1.000
2465AA00	**22,4**	8,0	10,4	19,4	8,0	Ø 2,9	Ø 4,0	1,2 -1,7	1.000
2466AA00	**25,5**	8,0	10,4	24,0	8,0	Ø 2,9	Ø 4,0	1,2 -1,7	1.000
2467AA00	**29,0**	8,0	10,4	25,9	8,0	Ø 2,9	Ø 4,0	1,2 -1,7	1.000







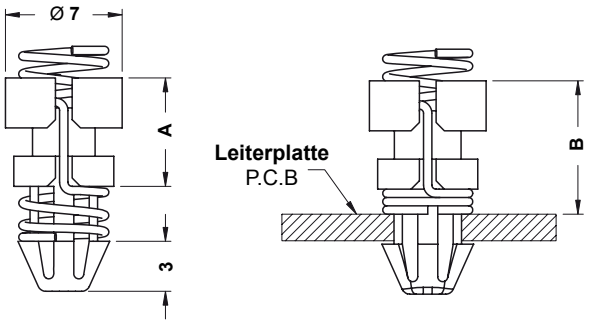


ANWENDUNG / *APPLICATION*

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

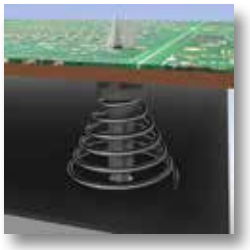
ARTIKEL *P/N*	**A**	B	C	D	E	F	G	H	**Bohrung Oben** *Top Hole*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs*
6252AA00	**9,5**	6,4	7,1	4,1	5,1	10,2	1,5	10,2	Ø 4,0	1,6	1.000
6253AA00	**11,1**	6,4	7,1	4,1	5,1	10,2	1,5	10,2	Ø 4,0	1,6	1.000
6254AA00	**12,7**	6,4	7,1	4,1	5,1	10,2	1,5	10,2	Ø 4,0	1,6	1.000
6255AA00	**15,9**	6,4	7,1	4,1	5,1	10,2	1,5	10,2	Ø 4,0	1,6	1.000
6256AA00	**19,1**	6,4	7,1	4,1	5,1	10,2	1,5	10,2	Ø 4,0	1,6	1.000
6257AA00	**22,2**	6,4	7,1	4,1	5,1	10,2	1,5	10,2	Ø 4,0	1,6	1.000
6258AA00	**25,4**	6,4	7,1	4,1	5,1	10,2	1,5	10,2	Ø 4,0	1,6	1.000



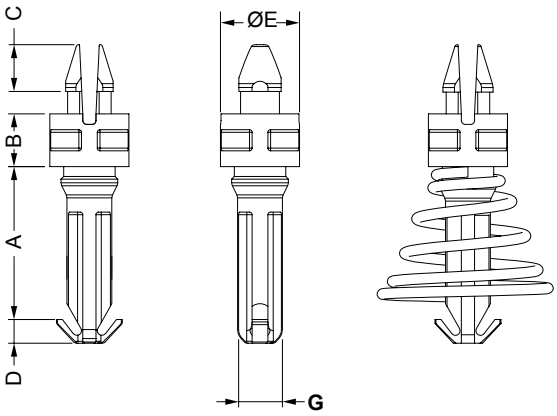


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Farbe: Natur** / *Colour: Natural*
- **Material: Feder 1.4301** / Spring: 1.4301
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**Bohrung Unten** *Bottom Hole*	**Materialstärke** *Panel Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
8323AA00	6,5	8,0	Ø 4,0	0,8 - 1,6		1.000
8324AA00	7,5	9,0	Ø 4,0	0,8 - 1,6		1.000
8325AA00	8,5	10,0	Ø 4,0	0,8 - 1,6		1.000
8326AA00	10,5	12,0	Ø 4,0	0,8 - 1,6		1.000
8327AA00	12,5	14,0	Ø 4,0	0,8 - 1,6		1.000
8328AA00	14,5	16,0	Ø 4,0	0,8 - 1,6		1.000







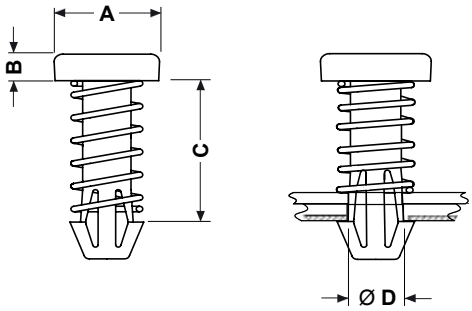
- **Material: PA 6.6** / *Material: PA 6.6*
- **Druckleder Material: 1.4310** / *Material: 1.4310*
- **Farbe: Natur** / *Colour: Natural*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Ø E	Bohrung Oben *Top Hole*	Materialstärke *Thickness*	Bohrung Unten *Bottom Hole*	Materialstärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12916AA00	11,6	4,0	3,6	1,8	6,0	Ø3,3	1,6	Ø4,0	0,8 -1,0	1.000



FEDERHALTER
SPRING HOLDER





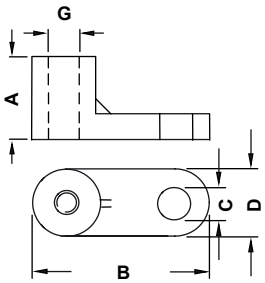
- **Material PIN: PA 6.6** / *Body Material: PA 6.6*
- **Material Feder: Stahl** */ Material spring: Steel*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit: siehe Tabelle /** *UL Flammability*: see Table
- **Temperaturbereich /** *Working temperature:*
  - PA 6.6: -35°C ~ +85°C
- **Alle Maße sind in mm/** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Farbe** *Colour*	**Entflammbarkeit** *UL Flammability*	**VPE-Stckz.** *MOQ-Pcs*
10556AA00	Ø 6,2	1,0	7,0	Ø 3,0 - 3,2	**Natur** */ Natural*	V2 (UL94)	1.000
10556AA01	Ø 6,2	1,0	7,0	Ø 3,0 - 3,2	**Schwarz** */ Black*	V2 (UL94)	1.000
10557AA01	Ø 6,2	1,0	7,8	Ø 3,0 - 3,2	**Nur Schwarz** */ Only Black*	V2 (UL94)	1.000
10558AA00	Ø 6,4	1,5	8,7	Ø 3,0 - 3,2	**Natur oder Schwarz** */ Natural or Black*	V2 (UL94)	1.000
10559AR00	Ø 6,4	0,9	9,5	Ø 3,0 - 3,2	**Natur** */ Natural*	V0 (UL94)	1.000
10560AA01	Ø 6,4	1,5	10,6	Ø 3,0 - 3,2	**Natur oder Schwarz** */ Natural or Black*	V2 (UL94)	1.000
10561AA01	Ø 6,4	1,5	11,5	Ø 3,0 - 3,2	**Schwarz** */ Black*	V2 (UL94)	1.000
10562AA01	Ø 6,4	2,7	21,0	Ø 3,0 - 3,2	**Nur Schwarz** */ Only Black*	V2 (UL94)	1.000
10563AA00	Ø 6,3	1,5	25,5	Ø 3,0 - 3,2	**Natur** */ Natural*	V2 (UL94)	1.000
10564AA01	Ø 6,4	1,5	11,5	Ø 3,5 - 3,7	**Nur Schwarz** */ Only Black*	V2 (UL94)	1.000
10565AA00	Ø 6,5	1,5	11,1	Ø 4,0 - 4,2	**Natur** */ Natural*	V2 (UL94)	1.000
10566AR00	Ø 8,0	1,6	16,5	Ø 4,0 - 4,2	**Natur** */ Natural*	V0 (UL94)	1.000
10567AA01	Ø 6,5	1,5	22,7	Ø 4,0 - 4,2	**Schwarz** */ Black*	V2 (UL94)	1.000

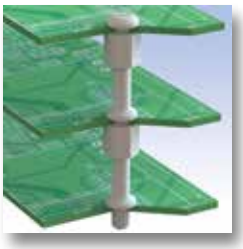
Für die Bestellung kundenspezifischer Federn wenden Sie sich bitte an unseren Kundendienst
To order custom springs contact our customer service

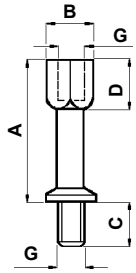
TYPE 1





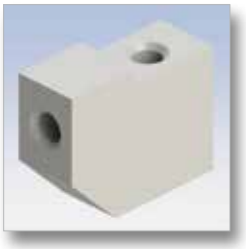
TYPE 2

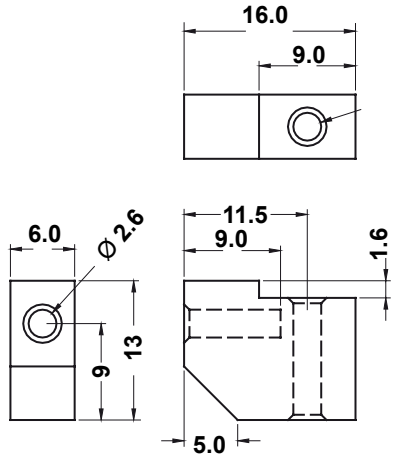


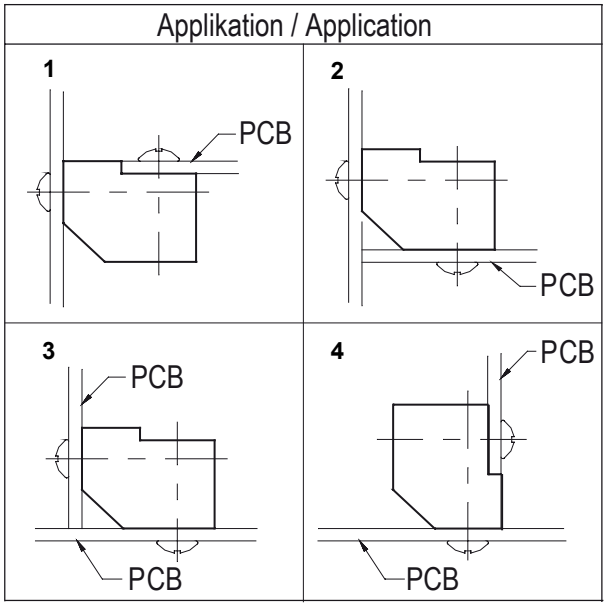


- **Material: PA 6.6 25% GF** / *Material: Nylon 6.6 25% GF*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
3059BB00	1	**6,5**	17,0	4,0	7,0	M3		1.000
1233BB00	1	**6,5**	17,0	4,0	7,0	M4		1.000
3060BB00	2	**10,0**	5,5	5,0	6,7	M3		1.000
3061BB00	2	**15,0**	5,5	5,0	6,7	M3		1.000
3062BB00	2	**20,0**	5,5	5,0	6,7	M3		1.000
3063BB00	2	**25,0**	5,5	5,0	6,7	M3		1.000
3064BB00	2	**30,0**	5,5	5,0	6,7	M3		1.000
1235BB00	2	**10,0**	7,0	5,0	6,5	M4		1.000
1236BB00	2	**15,0**	7,0	5,0	6,5	M4		1.000
1237BB00	2	**20,0**	7,0	5,0	6,5	M4		1.000
1238BB00	2	**25,0**	7,0	5,0	6,5	M4		1.000
1239BB00	2	**30,0**	7,0	5,0	6,5	M4		1.000





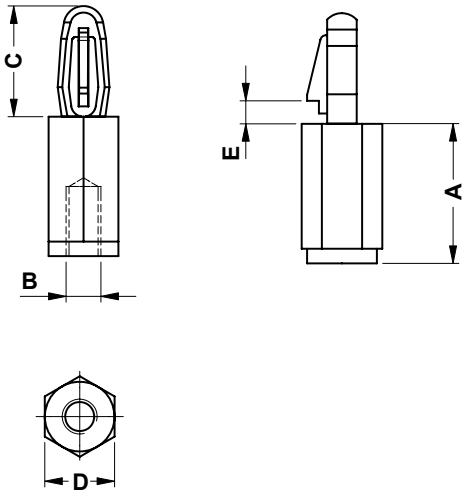


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Material	Schrauben *Screw*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
6113AA00	**UL94V2**	z.B. / for example: Ejot Delta PT	Standard	500
6113AR00	**UL94V0**	z.B / for example: Ejot Delta PT	nur auf Anfrage / special request only	500

ABSTANDSHALTER MIT INNENGEWINDE
THREADED SPACERS WITH SNAP - LOCK





- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -30°C ~ +130°C**
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

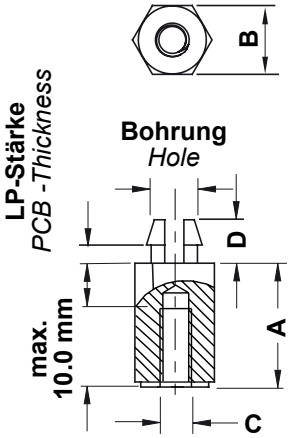
ARTIKEL *P/N*	A	**B**	C	**D**	E	**Bohrung Oben** *Top Hole*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
5939AA01	5,0 - 61,0	**M3**	9,5	6,0	1,8	Ø 4,0		1.000
8162AA01	5,0 - 61,0	**M3**	9,5	6,0	1,9	Ø 4,0		1.000
5947AA01	5,0 - 61,0	**M3**	9,5	8,0	1,8	Ø 4,0		1.000
8163AA01	5,0 - 61,0	**M3**	9,5	6,0	2,5	Ø 4,0		1.000
5948AA01	5,0 - 61,0	**M4**	9,5	8,0	1,8	Ø 4,0		1.000
5949AA01	5,0 - 61,0	**M3**	9,5	6,0	2,1	Ø 4,0		1.000
5950AA01	5,0 - 61,0	**M3**	9,5	8,0	2,1	Ø 4,0		1.000
5951AA01	5,0 - 61,0	**M4**	9,5	8,0	2,1	Ø 4,0		500

Lieferbare Längen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 5939AA0108.00 für den Abstandshalter 5939AA01 mit Höhe 8,0 mm. /
Order example: 5939AA0108.00 for the 5939AA01 8,0 mm. lenght spacer.

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ABSTANDSHALTER MIT INNENGEWINDE
P.C.B SPACERS





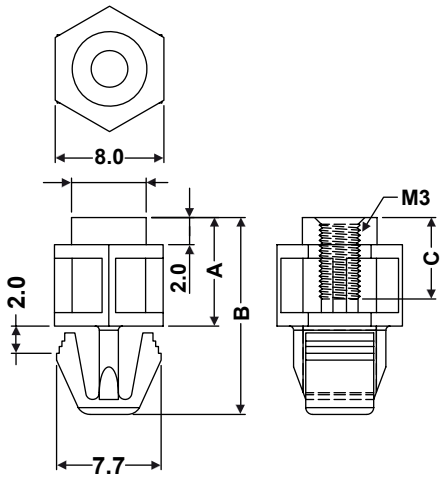
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +150°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

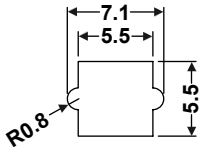
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
10024AA01	**5,0 - 61,0**	6,0	M3	4,8	Ø 4,0	2,0	500
10025AA01	**5,0 - 61,0**	6,0	M3	3,6	Ø 3,0	1,6	500
10026AA01	**5,0 - 61,0**	6,0	M3	4,2	Ø 4,0	1,5	500
10027AA01	**5,0 - 61,0**	6,0	M3	4,4	Ø 4,0	1,8	500
10028AA01	**5,0 - 61,0**	6,0	M3	4,2	4,0 x 3,0	1,5	500
10029AA01	**5,0 - 61,0**	8,0	M4	5,0	5,0 x 5,0	1,8	500

Lieferbare Längen in Stufen von je 1 mm. / *Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. / *Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10024AA0108.0 für den Abstandshalter 10024AA01 mit Höhe 8,0 mm. /
Order example: 10024AA0108.0 for the 10024AA01 8,0 mm. lenght spacer.

ABSTANDSHALTER MIT INNENGEWINDE
SPACER WITH THREAD







AUSSPARUNG
CUT OUT
MAX. THICKNESS
1.0 - 1.8 mm

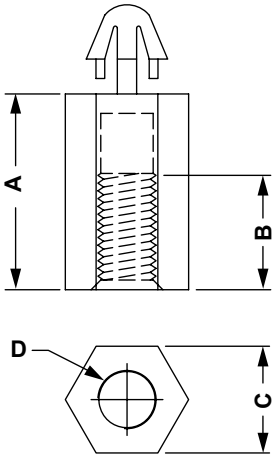
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
8357AA00	5,0	11,5	3,0		1.000
8358AA00	6,0	12,5	4,0		1.000
8359AA00	6,4	12,9	4,4		1.000
8360AA00	8,0	14,5	6,0		1.000
8361AA00	9,5	16,0	8,0		1.000
8362AA00	10,0	16,5	8,0		1.000
8363AA00	12,0	18,5	8,0		1.000
8364AA00	12,7	19,2	8,0		1.000
8365AA00	15,9	22,4	8,0		1.000
8366AA00	18,0	24,5	8,0		1.000
8367AA00	20,0	26,5	8,0		1.000
8368AA00	22,0	28,5	8,0		1.000
8369AA00	25,4	31,9	8,0		1.000

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ABSTANDSHALTER MIT INNENGEWINDE
P.C.B. SPACERS





Material: PA 6.6 / *Material: Nylon 6.6*
Temperaturbereich */ Working temperature:* **-35°C ~ +85°C**
Entflammbarkeit */ UL Flammability:* **V2 (UL94)**

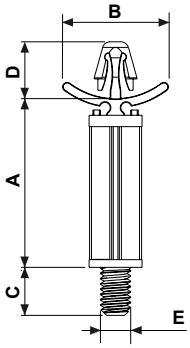
Farbe: Natur */ Colour: Natural*
Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12652AA0005.0	**5,0**	3,0	5,5	M3	Ø 3,0	1,6	2.000
12652AA0006.0	**6,0**	4,0	5,5	M3	Ø 3,0	1,6	2.000
12652AA0007.0	**7,0**	4,0	5,5	M3	Ø 3,0	1,6	2.000
12652AA0008.0	**8,0**	6,0	5,5	M3	Ø 3,0	1,6	2.000
12652AA0009.0	**9,0**	6,0	5,5	M3	Ø 3,0	1,6	2.000
12652AA0010.0	**10,0**	6,0	5,5	M3	Ø 3,0	1,6	2.000
12652AA0011.0	**11,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0012.0	**12,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0013.0	**13,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0014.0	**14,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0015.0	**15,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0016.0	**16,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0017.0	**17,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0018.0	**18,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0019.0	**19,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0020.0	**20,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0022.0	**22,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0023.5	**23,5**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0026.0	**26,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000
12652AA0027.0	**27,0**	6,0	5,5	M3	Ø 3,0	1,6	1.000

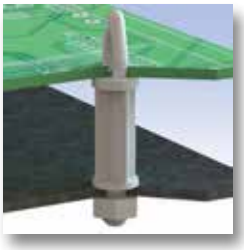
ABSTANDSHALTER MIT AUSSENGEWINDE
P.C.B. SPACERS

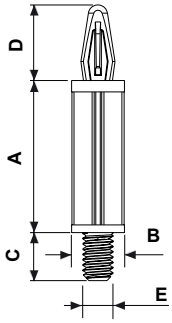
TYPE 1





TYPE 2





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

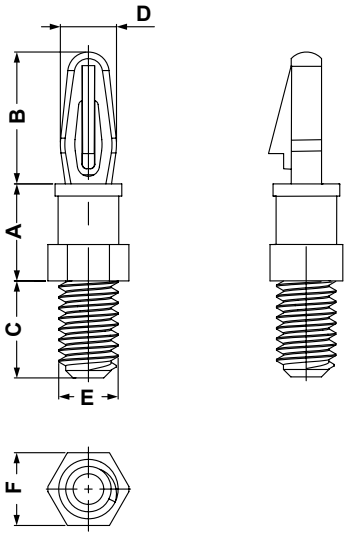
ARTIKEL *P/N*	TYPE	A	B	C	D	E	Bohrung Oben *Top Hole*	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
0692BA00	1	6,3	13,5	6,3	7,5	M4	Ø 4,8	1,0 - 2,6	1.000
0693BA00	1	9,5	13,5	6,3	7,5	M4	Ø 4,8	1,0 - 2,6	1.000
0694BA00	1	12,6	13,5	6,3	7,5	M4	Ø 4,8	1,0 - 2,6	1.000
0695AA00	1	15,8	13,5	6,3	7,5	M4	Ø 4,8	1,0 - 2,6	1.000
0696BA00	1	19,0	13,5	6,3	7,5	M4	Ø 4,8	1,0 - 2,6	1.000
0697BA00	1	22,2	13,5	6,3	7,5	M4	Ø 4,8	1,0 - 2,6	1.000
0680BA00	2	4,2	7,0	6,3	10,0	M4	Ø 4,0	max 1,6	1.000
5568AA00	2	6,3	7,6	4,8	10,7	M4	Ø 4,0	1,2 - 1,7	1.000
0681AA00	2	7,3	7,0	6,3	10,0	M4	Ø 4,0	max 1,6	1.000
0682BA00	2	10,5	7,0	6,3	10,0	M4	Ø 4,0	max 1,6	1.000
0683BA00	2	13,6	7,0	6,3	10,0	M4	Ø 4,0	max 1,6	1.000
0684BA00	2	16,8	7,0	6,3	10,0	M4	Ø 4,0	max 1,6	1.000
0685BA00	2	20,0	7,0	6,3	10,0	M4	Ø 4,0	max 1,6	1.000

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P.C.B THREADED SPACERS





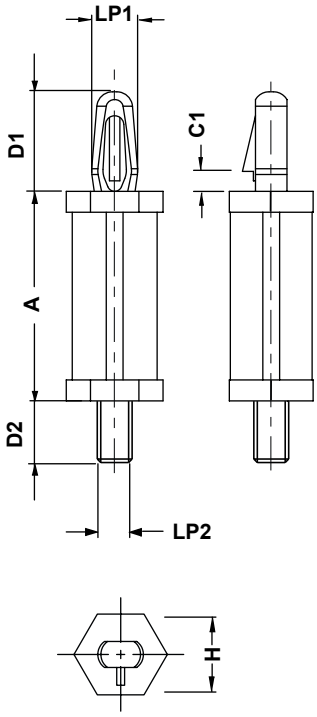


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung Oben *Top Hole*	Materialstärke *Panel Thickness*	VPE-Stckz. *Moq-Pcs*
11190AA00	**3,2**	8,7	6,4	Ø 3,7	M4	4,8	Ø 3,2	1,6	1.000
11191AA00	**4,8**	8,7	6,4	Ø 3,7	M4	4,8	Ø 3,2	1,6	1.000
11192AA00	**6,4**	8,7	6,4	Ø 3,7	M4	4,8	Ø 3,2	1,6	1.000
11193AA00	**7,9**	8,7	6,4	Ø 3,7	M4	4,8	Ø 3,2	1,6	1.000
11194AA00	**9,5**	8,7	6,4	Ø 3,7	M4	4,8	Ø 3,2	1,6	1.000
11195AA00	**11,1**	8,7	6,4	Ø 3,7	M4	4,8	Ø 3,2	1,6	1.000
11196AA00	**12,7**	8,7	6,4	Ø 3,7	M4	4,8	Ø 3,2	1,6	1.000
11197AA00	**14,3**	8,7	6,4	Ø 3,7	M4	4,8	Ø 3,2	1,6	1.000
11198AA00	**15,9**	8,7	6,4	Ø 3,7	M4	4,8	Ø 3,2	1,6	1.000
11200AA00	**3,2**	8,7	6,4	Ø 3,7	M3	4,8	Ø 3,2	1,6	1.000
11201AA00	**4,8**	8,7	6,4	Ø 3,7	M3	4,8	Ø 3,2	1,6	1.000
11202AA00	**6,4**	8,7	6,4	Ø 3,7	M3	4,8	Ø 3,2	1,6	1.000
11203AA00	**7,9**	8,7	6,4	Ø 3,7	M3	4,8	Ø 3,2	1,6	1.000
11204AA00	**9,5**	8,7	6,4	Ø 3,7	M3	4,8	Ø 3,2	1,6	1.000
11205AA00	**11,1**	8,7	6,4	Ø 3,7	M3	4,8	Ø 3,2	1,6	1.000
11206AA00	**12,7**	8,7	6,4	Ø 3,7	M3	4,8	Ø 3,2	1,6	1.000
11207AA00	**14,3**	8,7	6,4	Ø 3,7	M3	4,8	Ø 3,2	1,6	1.000
11208AA00	**15,9**	8,7	6,4	Ø 3,7	M3	4,8	Ø 3,2	1,6	1.000

ABSTANDSHALTER MIT AUSSENGEWINDE
P.C.B SPACERS



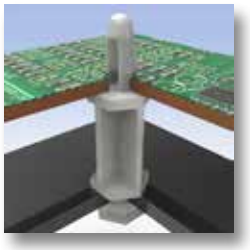


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -30°C ~ +130°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

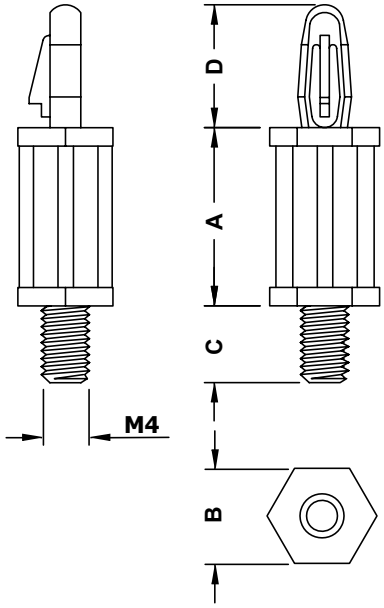
ARTIKEL *P/N*	A	C1	D1	LP1	D2	LP2	H	VPE-Stckz. *Moq-Pcs*
10054AA01	**3,0 - 65,0**	1,8	9,6	Ø 4,0	6,0	M2.5	6,0	500
10055AA01	**3,0 - 65,0**	1,8	9,6	Ø 4,0	6,0	M3	6,0	500
10056AA01	**3,0 - 65,0**	2,1	9,6	Ø 4,0	6,0	M3	6,0	500
10057AA01	**3,0 - 65,0**	1,8	9,6	Ø 4,0	6,4	M4	6,0	500
10058AA01	**3,0 - 65,0**	2,1	9,6	Ø 4,0	6,5	M4	6,0	500
10059AA01	**3,0 - 65,0**	1,8	9,6	Ø 4,0	6,0	M3	8,0	500
10060AA01	**3,0 - 65,0**	2,1	9,6	Ø 4,0	6,0	M3	8,0	500
10061AA01	**3,0 - 65,0**	1,8	9,6	Ø 4,0	6,5	M4	8,0	500
10062AA01	**3,0 - 65,0**	2,1	9,6	Ø 4,0	6,5	M4	8,0	500
10063AA01	**3,0 - 65,0**	2,4	9,6	Ø 4,0	6,5	M4	8,0	500

Lieferbare Längen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10054AA0108.0 für den Abstandshalter 10054AA01 mit Höhe 8,0 mm. /
Order example: 10054AA0108.0 for the 10054AA01 8,0 mm. lenght spacer.

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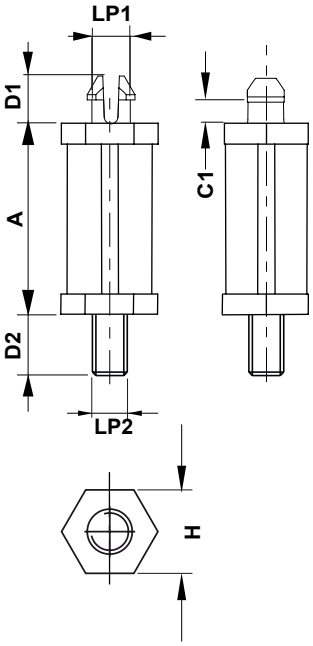


- **Material: Bleifrei PA 6.6** / *Material: Nylon 6.6 lead-free*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Bohrung Oben *Top Hole*	Materialstärke *Panel Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11125AA00	**6,4**	8,0	6,4	10,2	Ø 4,0	1,6		1.000
11126AA00	**9,5**	8,0	6,4	10,2	Ø 4,0	1,6		1.000
11127AA00	**12,7**	8,0	6,4	10,2	Ø 4,0	1,6		1.000
11128AA00	**15,9**	8,0	6,4	10,2	Ø 4,0	1,6		1.000
11129AA00	**19,1**	8,0	64	10,2	Ø 4,0	1,6		1.000
11130AA00	**22,2**	8,0	6,4	10,2	Ø 4,0	1,6		1.000
11131AA00	**25,4**	8,0	6,4	10,2	Ø 4,0	1,6		1.000
11132AA00	**28,6**	8,0	6,4	10,2	Ø 4,0	1,6		1.000
11133AA00	**35,7**	8,0	6,4	10,2	Ø 4,0	1,6		1.000

ABSTANDSHALTER MIT AUSSENGEWINDE
P.C.B. SPACERS





- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -30°C ~ +130°C**
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

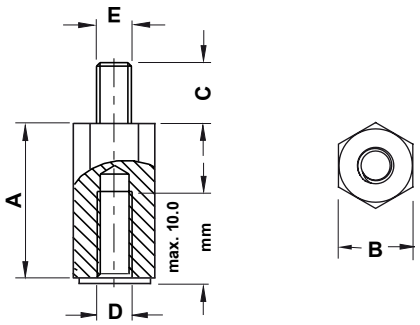
ARTIKEL *P/N*	**A**	**C1**	**D1**	**LP1**	**D2**	**LP2**	**H**	**VPE-Stckz.** *Moq-Pcs*
8204AA01	**3,0 - 65,0**	1,7	3,6	Ø 3,0	6,0	M2.5	6,0	500
8205AA01	**3,0 - 65,0**	1,6	3,6	Ø 2,5	6,0	M3	6,0	500
8206AA01	**3,0 - 65,0**	1,7	3,6	Ø 3,0	6,0	M3	6,0	500
8207AA01	**3,0 - 65,0**	1,8	4,7	Ø 3,8	6,4	M4	6,0	500
8208AA01	**3,0 - 65,0**	1,8	4,7	Ø 3,8	8,0	M4	6,0	500

Lieferbare Längen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lengths to the final part of the code for your order. **Längenabstufung** */ Increments: 1,0mm*
Beispielbestellung: 8204A0108.00 für den Abstandshalter 8204AA01 mit Höhe 8,0 mm. /
Order example: 8204AA0108.00 for the 8204AA01 8,0 mm. length spacer.

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ABSTANDSBOLZEN MIT INNEN / AUSSENGEWINDE
HEXAGONAL FEMALE-MALE SPACERS





- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -30°C ~ +130°C**
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Farbe: Weiß auf Anfrage** */ Colour: White by special Request*
- **Alle Maße sind in mm /** *All dimensions are in mm*

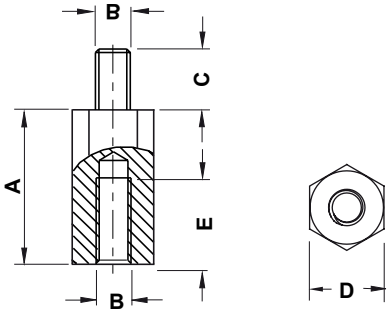
ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10010AA01	**5,0 - 45,0**	5,0	6,0	**M2.5**	**M3**	500
6920AA01	**5,0 - 45,0**	5,0	8,0	**M2,5**	**M2.5**	500
10012AA01	**5,0 - 45,0**	5,0	8,0	**M3**	**M2.5**	500
10013AA01	**5,0 - 61,0**	5,0	8,0	**M3**	**M3**	500
10014AA01	**5,0 - 61,0**	5,5	6,0	**M3**	**M3**	500
6921AA01	**5,0 - 61,0**	5,5	8,0	**M3**	**M3**	500
10015AA01	**4,0 - 45,0**	6,0	8,0	**M2.5**	**M2.5**	500
10016AA01	**5,0 - 61,0**	6,0	6,0	**M3**	**M3**	500
6922AA01	**5,0 - 61,0**	6,0	8,0	**M3**	**M3**	500
10017AA01	**5,0 - 61,0**	6,0	5,0	**M3**	**UNC4.40**	500
10018AA01	**5,0 - 61,0**	7,0	8,0	**M4**	**M4**	500
10019AA01	**5,0 - 45,0**	8,0	8,0	**M3**	**M4**	500
6923AA01	**5,0 - 61,0**	8,0	8,0	**M3**	**M3**	500
6924AA01	**5,0 - 70,0**	8,0	8,0	**M4**	**M4**	500
10020AA01	**5,0 - 61,0**	8,0	6,0	**M4**	**M5**	500
6925AA01	**8,0 - 65,0**	10,0	8,0	**M5**	**M5**	500
10021AA01	**8,0 - 65,0**	10,0	10,0	**M5**	**M5**	500
10022AA01	**8,0 - 65,0**	10,0	8,0	**M6**	**M6**	500
10023AA01	**8,0 - 65,0**	10,0	10,0	**M6**	**M6**	500

Lieferbare Längen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. */ Please add the wished lenghts to the final part of the code for your order.*
Beispielbestellung: 6920AA0108.0 für den Abstandshalter 6920AA01 mit Höhe 8,0 mm. */ Order example: 6920AA0108.0 for the 6920AA01 8.0 mm. lenght spacer.*

ABSTANDSBOLZEN MIT INNEN / AUSSENGEWINDE
HEXAGONAL FEMALE-MALE SPACER

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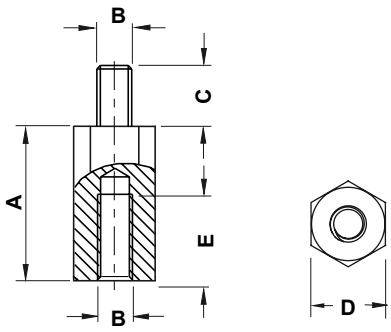
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
12277AA00	4,0	**M3**	6,0	5,5	3,0	1.000
5691AA00	5,0	**M3**	6,0	5,5	3,0	1.000
5692AA00	6,0	**M3**	6,0	5,5	4,0	1.000
5693AA00	7,0	**M3**	6,0	5,5	5,0	1.000
12278AA00	7,5	**M3**	6,0	5,5	5,0	1.000
5694AA00	8,0	**M3**	6,0	5,5	6,0	1.000
12279AA00	8,5	**M3**	6,0	5,5	6,0	1.000
5695AA00	9,0	**M3**	6,0	5,5	6,0	1.000
5696AA00	10,0	**M3**	6,0	5,5	6,0	1.000
5697AA00	10,5	**M3**	6,0	5,5	6,0	1.000
5698AA00	11,0	**M3**	6,0	5,5	6,0	1.000
5699AA00	12,7	**M3**	6,0	5,5	6,0	1.000
5700AA00	12,0	**M3**	6,0	5,5	6,0	1.000
5701AA00	13,0	**M3**	6,0	5,5	6,0	1.000
5702AA00	14,0	**M3**	6,0	5,5	6,0	1.000
5703AA00	15,0	**M3**	6,0	5,5	6,0	1.000
12280AA00	15,5	**M3**	6,0	5,5	6,0	1.000
5704AA00	16,0	**M3**	6,0	5,5	6,0	1.000
5705AA00	16.5	**M3**	6,0	5,5	6,0	1.000
5706AA00	17,0	**M3**	6,0	5,5	6,0	1.000
5707AA00	18,0	**M3**	6,0	5,5	6,0	1.000
5708AA00	18,5	**M3**	6,0	5,5	6,0	1.000
5709AA00	19,0	**M3**	6,0	5,5	6,0	1.000
5710AA00	20,0	**M3**	6,0	5,5	6,0	1.000
5711AA00	21,0	**M3**	6,0	5,5	6,0	1.000

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
5712AA00	22,0	**M3**	6,0	5,5	6,0	1.000
5713AA00	24,5	**M3**	6,0	5,5	6,0	1.000
5714AA00	25,0	**M3**	6,0	5,5	6,0	1.000
5715AA00	27,0	**M3**	6,0	5,5	6,0	1.000
12281AA00	28,0	**M3**	6,0	5,5	6,0	1.000
12282AA00	28,5	**M3**	6,0	5,5	6,0	1.000
5716AA00	30,0	**M3**	6,0	5,5	6,0	1.000
5717AA00	33,0	**M3**	6,0	5,5	6,0	1.000
5718AA00	35,0	**M3**	6,0	5,5	6,0	1.000
12284AA00	36,0	**M3**	6,0	5,5	6,0	1.000
12285AA00	40,0	**M3**	6,0	5,5	6,0	1.000
12286AA00	45,0	**M3**	6,0	5,5	6,0	1.000
6259AA00	6,0	**M4**	7,0	7,0	4,0	1.000
6260AA00	8,0	**M4**	7,0	7,0	6,0	1.000
6261AA00	10,0	**M4**	7,0	7,0	6,0	1.000
6262AA00	12,0	**M4**	7,0	7,0	6,0	1.000
6263AA00	14,0	**M4**	7,0	7,0	6,0	1.000
6264AA00	16,0	**M4**	7,0	7,0	7,0	1.000
6265AA00	20,0	**M4**	7,0	7,0	8,0	1.00
6266AA00	25,0	**M4**	7,0	7,0	8,0	1.000
6267AA00	30,0	**M4**	7,0	7,0	8,0	1.000
6268AA00	35,0	**M4**	7,0	7,0	8,0	1.000
6269AA00	40,0	**M4**	7,0	7,0	8,0	1.000
6270AA00	45,5	**M4**	7,0	7,0	8,0	1.000

ABSTANDSBOLZEN MIT INNEN / AUSSENGEWINDE
HEXAGONAL FEMALE - MALE SPACERS



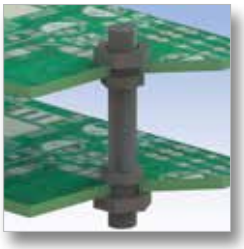


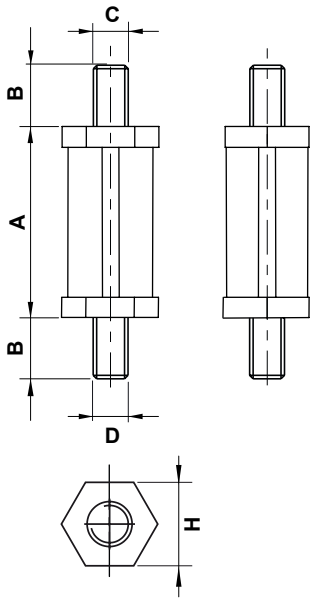
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
11457AA0004.0	4,0	M2	5,0	4,0	2,5	1.000
11457AA0005.0	5,0	M2	5,0	4,0	3,0	1.000
11457AA0005.5	5,5	M2	5,0	4,0	3,0	1.000
11457AA0006.0	6,0	M2	5,0	4,0	4,0	1.000
11457AA0006.5	6,5	M2	5,0	4,0	4,0	1.000
11457AA0007.0	7,0	M2	5,0	4,0	4,0	1.000
11457AA0008.0	8,5	M2	5,0	4,0	5,0	1.000
11457AA0009.0	9,0	M2	5,0	4,0	5,0	1.000
11457AA0010.0	10,0	M2	5,0	4,0	5,0	1.000
11457AA0011.0	11,0	M2	5,0	4,0	5,0	1.000
11457AA0012.0	12,0	M2	5,0	4,0	5,0	1.000
11457AA0013.0	13,0	M2	5,0	4,0	5,0	1.000
11457AA0014.0	14,0	M2	5,0	4,0	5,0	1.000
11457AA0015.0	15,0	M2	5,0	4,0	5,0	1.000
11457AA0016.0	16.0	M2	5,0	4,0	5,0	1.000
11457AA0017.0	17,0	M2	5,0	4,0	5,0	1.000
11457AA0018.0	18,0	M2	5,0	4,0	5,0	1.000
11457AA0019.0	19,0	M2	5,0	4,0	5,0	1.000
11457AA0020.0	20,0	M2	5,0	4,0	5,0	1.000

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
11457AA0021.0	21,0	M2	5,0	4,0	5,0	1.000
11457AA0022.0	22,0	M2	5,0	4,0	5,0	1.000
11457AA0023.0	23,0	M2	5,0	4,0	5,0	1.000
11457AA0024.0	24,0	M2	5,0	4,0	5,0	1.000
11457AA0025.0	25,0	M2	5,0	4,0	5,0	1.000
11457AA0026.0	26,0	M2	5,0	4,0	5,0	1.000
11457AA0027.0	27,0	M2	5,0	4,0	5,0	1.000
11457AA0028.0	28,0	M2	5,0	4,0	5,0	1.000

ABSTANDSHALTER MIT AUSSEN / AUSSENGEWINDE
HEXAGONAL MALE - MALE SPACERS





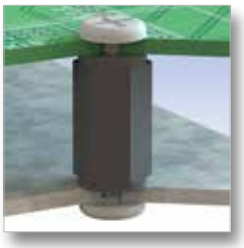
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -30°C ~ +130°C**
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

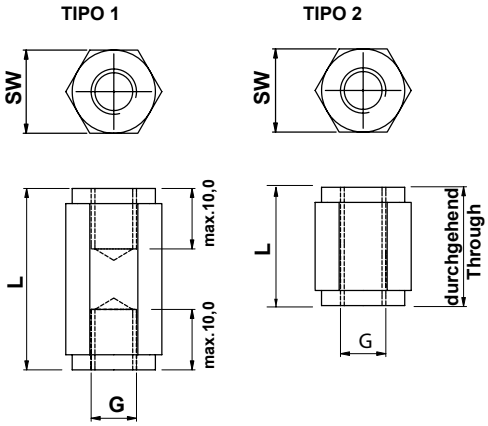
ARTIKEL *P/N*	A	B	**C**	**D**	H	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
8164AA01	3,0 - 65,0	6,0	**M2.5**	**M2.5**	5,0		500
8165AA01	3,0- 75,0	6,0	**M3**	**M3**	6,0		500
8166AA01	3,0 - 65,0	6,0	**M3**	**M3**	8,0		500
8167AA01	3,0 - 65,0	6,4	**M4**	**M4**	6,0		500
8168AA01	3,0 - 65,0	6,4	**M4**	**M4**	8,0		500
8169AA01	3,0 - 65,0	8,0	**M5**	**M5**	10,0		500

Lieferbare Längen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lengths to the final part of the code for your order.
Beispielbestellung: 8164AA0108.00 für den Abstandshalter 8164AA01 mit Höhe 8,0 mm. /
Order example: 8164AA0108.00 for the 8164AA01 8,0 mm. length spacer.

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ABSTANDSBOLZEN MIT INNEN / INNENGEWINDE
HEXAGONAL FEMALE - FEMALE SPACERS



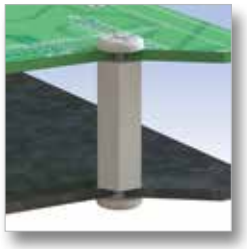


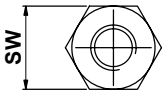
- **Material: PA 6 25% C.V.** / *Material: Nylon 6 25% GF*
- **Temperaturbereich /** Working temperature**: -30°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Auf Anfrage: PA 6.6 UL90V0 lieferbar /** *On special request: Nylon 6.6 UL94V0 available*
- **Farbe: Rostbraun** / *Colour: Redbrown*
- **Alle Maße sind in mm** / *All dimensions are in mm*

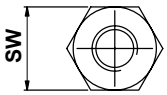
ARTIKEL *P/N*	L	G	SW	Version 2	VPE-Stckz. *Moq-Pcs*
6910BB01	5,0 - 45,0	**M2**	5,0	bis Länge 14.0mm / until to 14.0mm	500
6911BB01	4,0 - 55,0	**M2.5**	5,0	bis Länge 14.0mm / until to 14.0mm	500
6913BB01	5,0 - 75,0	**M3**	6,0	bis Länge 15.0mm / until to 15.0mm	500
6914BB01	5,0 - 65,0	**M3**	7,0	bis Länge 15.0mm / until to 15.0mm	500
6915BB01	5,0 - 65,0	**M3**	8,0	bis Länge 15.0mm / until to 15.0mm	500
8161BB01	5,0 - 68,0	**M4**	7,0	bis Länge 20.0mm / until to 20.0mm	500
6916BB01	5,0 - 75,0	**M4**	8,0	bis Länge 20.0mm / until to 20.0mm	500
6918BB01	5,0 - 75,0	**M5**	10,0	bis Länge 20.0mm / until to 20.0mm	500
6919BB01	4,0 - 75,0	**M6**	10,0	bis Länge 20.0mm / until to 20.0mm	500

Lieferbare Längen in Stufen von je 1 mm. / *Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. / *Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. / *Please add the wished lenghts to the final part of the code for your order.*
Beispielbestellung: 6910BB0108.00 für den Abstandshalter 6910AA01 mit Höhe 8,0 mm. / *Order example: 6910BB0108.00 for the 6910BB01 8,0 mm. lenght spacer.*

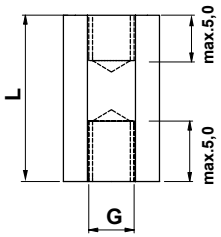
ABSTANDSBOLZEN MIT INNEN / INNENGEWINDE
ROUND FEMALE FEMALE THREAD SPACERS



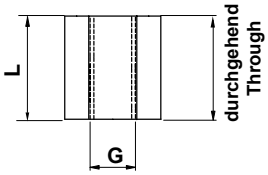




Version 1



Version 2

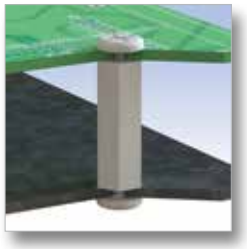


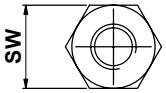
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

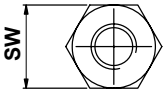
ARTIKEL *P/N*	L	G	SW	Version	VPE-Stckz. *Moq-Pcs*
11456AA0004.0	4,0	M2	4,0	2	1.000
11456AA0005.0	5,0	M2	4,0	2	1.000
11456AA0006.0	6,0	M2	4,0	2	1.000
11456AA0007.0	7,0	M2	4,0	2	1.000
11456AA0008.0	8,0	M2	4,0	2	1.000
11456AA0009.0	9,0	M2	4,0	2	1.000
11456AA0010.0	10,0	M2	4,0	2	1.000
11456AA0011.0	11,0	M2	4,0	2	1.000
11456AA0012.0	12,0	M2	4,0	2	1.000
11456AA0013.0	13,0	M2	4,0	1	1.000
11456AA0014.0	14,0	M2	4,0	1	1.000
11456AA0015.0	15,0	M2	4,0	1	1.000
11456AA0016.0	16,0	M2	4,0	1	1.000
11456AA0017.0	17,0	M2	4,0	1	1.000
11456AA0018.0	18,0	M2	4,0	1	1.000
11456AA0019.0	19,0	M2	4,0	1	1.000
11456AA0020.0	20,0	M2	4,0	1	1.000
11456AA0021.0	21,0	M2	4,0	1	1.000
11456AA0022.0	22,0	M2	4,0	1	1.000
11456AA0023.0	23,0	M2	4,0	1	1.000
11456AA0024.0	24,0	M2	4,0	1	1.000
11456AA0025.0	25,0	M2	4,0	1	1.000

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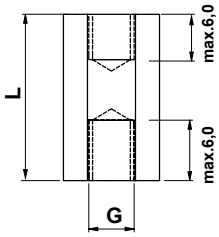
ABSTANDSBOLZEN MIT INNEN / INNENGEWINDE
HEXAGONAL FEMALE FEMALE SPACERS



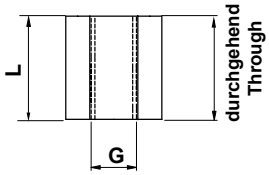




Version 1



Version 2



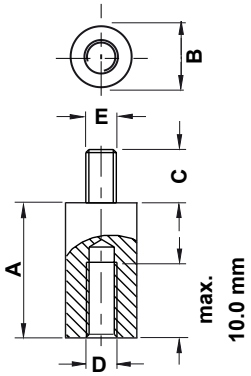
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	G	SW	Ver-sion	VPE-Stckz. *Moq-Pcs*
5660AA00	4,0	**M3**	5,5	2	1.000
5661AA00	5,0	**M3**	5,5	2	1.000
5662AA00	6,0	**M3**	5,5	2	1.000
5663AA00	7,0	**M3**	5,5	2	1.000
5664AA00	8,0	**M3**	5,5	2	1.000
5665AA00	9,0	**M3**	5,5	2	1.000
5666AA00	9,5	**M3**	5,5	2	1.000
5667AA00	10,0	**M3**	5,5	2	1.000
5668AA00	10,5	**M3**	5,5	2	1.000
5669AA00	11,0	**M3**	5,5	2	1.000
5670AA00	12,0	**M3**	5,5	2	1.000
5671AA00	12,7	**M3**	5,5	2	1.000
5672AA00	13,5	**M3**	5,5	1	1.000
5673AA00	14,0	**M3**	5,5	1	1.000
5674AA00	15,0	**M3**	5,5	1	1.000
5675AA00	16,0	**M3**	5,5	1	1.000
5676AA00	17,0	**M3**	5,5	1	1.000
5677AA00	18,0	**M3**	5,5	1	1.000
5678AA00	19,0	**M3**	5,5	1	1.000
5679AA00	20,0	**M3**	5,5	1	1.000
5680AA00	22,0	**M3**	5,5	1	1.000
5681AA00	25,0	**M3**	5,5	1	1.000
5682AA00	27,0	**M3**	5,5	1	1.000
5683AA00	30,0	**M3**	6,0	1	1.000

ARTIKEL *P/N*	A	G	SW	Ver-sion	VPE-Stckz. *Moq-Pcs*
5684AA00	32,0	**M3**	6,0	1	1.000
5685AA00	38,0	**M3**	6,0	1	1.000
5686AA00	40,0	**M3**	6,0	1	1.000
5687AA00	42,0	**M3**	6,0	1	1.000
5689AA00	45,0	**M3**	6,0	1	1.000
5690AA00	49,0	**M3**	6,0	1	1.000
6281AA00	6,0	**M4**	7,0	2	1.000
6282AA00	7,0	**M4**	7,0	2	1.000
6283AA00	8,0	**M4**	7,0	2	1.000
6284AA00	9,0	**M4**	7,0	2	1.000
5722AA00	10,0	**M4**	7,0	2	1.000
6285AA00	11,0	**M4**	7,0	2	1.000
6286AA00	12,0	**M4**	7,0	2	1.000
6287AA00	12,7	**M4**	7,0	2	1.000
6288AA00	14,0	**M4**	7,0	1	1.000
6289AA00	16,0	**M4**	7,0	1	1.000
6290AA00	20,0	**M4**	7,0	1	1.000
6291AA00	25,0	**M4**	7,0	1	1.000
6292AA00	26,0	**M4**	7,0	1	1.000
6293AA00	30,0	**M4**	7,0	1	1.000
6294AA00	35,0	**M4**	7,0	1	1.000
6295AA00	40,0	**M4**	7,0	1	1.000
6296AA00	45,5	**M4**	7,0	1	1.000

ABSTANDSBOLZEN INNEN / AUSSENGEWINDE
ROUND FEMALE MALE THREAD SPACERS





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -30°C ~ +130°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

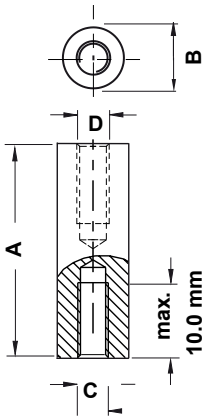
ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10030AA01	**4,0 - 55,0**	Ø 5,0	8,0	M2.5	M2.5	500
10031AA01	**5,0 - 61,0**	Ø 6,0	6,0	M3	M3	500
10032AA01	**5,0 - 61,0**	Ø 6,0	8,0	M3	M3	500
10033AA01	**5,0 - 61,0**	Ø 7,0	8,0	M4	M4	500
10034AA01	**5,0 - 61,0**	Ø 8,0	8,0	M3	M3	500
10035AA01	**5,0 - 61,0**	Ø 8,0	8,0	M4	M4	500

Lieferbare Längen in Stufen von je 1 mm. / *Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. / *Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10030AA0108.0 für den Abstandshalter 10030AA01 mit Höhe 8,0 mm. /
Order example: 10030AA0108.0 for the 10030AA01 8,0 mm. lenght spacer.

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ABSTANDSBOLZEN INNEN / INNENGEWINDE
ROUND FEMALE FEMALE THREAD SPACERS





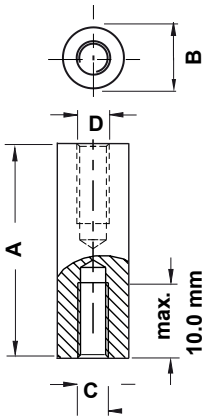
- **Material: PA 6 25% GF** / *Material: Nylon 6 25% GF*
- **Temperaturbereich** / Working temperature**: -30°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
10036BB01	**5,0 - 45,0**	Ø 4,0	M2	M2	500
10037BB01	**4,0 - 45,0**	Ø 5,0	M2	M2	500
10038BB01	**4,0 - 55,0**	Ø 5,0	M2.5	M2.5	500
10039BB01	**4,0 - 55,0**	Ø 6,0	M2.5	M2.5	500
10040BB01	**5,0 - 60,0**	Ø 6,0	UNC4.40	UNC4.40	500
10041BB01	**3,0 - 62,0**	Ø 6,0	M3	M3	500
10042BB01	**3,0 - 62,0**	Ø 7,0	M3	M3	500
10043BB01	**5,0 - 62,0**	Ø 7,0	M4	M3	500
10044BB01	**5,0 - 60,0**	Ø 8,0	M3	M3	500
10045BB01	**4,0 - 65,0**	Ø 8,0	M4	M4	500
10046BB01	**4,0 - 65,0**	Ø 10,0	M5	M5	500

Lieferbare Längen in Stufen von je 1 mm. / *Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. / *Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10036BB0108.0 für den Abstandshalter 10036BB01 mit Höhe 8,0 mm. /
Order example: 10036BB0108.0 for the 10036BB01 8,0 mm. lenght spacer.

ABSTANDSBOLZEN INNEN / INNENGEWINDE
ROUND FEMALE FEMALE THREAD SPACERS



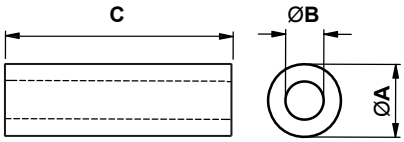


- **Material: PA 6 25% GF** / *Material: Nylon 6 25% GF*
- **Temperaturbereich** / Working temperature**: -30°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
10047BB0104.0	**4,0**	Ø 10,0	M6	M6	500
10047BB0105.0	**5,0**	Ø 10,0	M6	M6	500
10047BB0106.0	**6,0**	Ø 10,0	M6	M6	500
10047BB0107.0	**7,0**	Ø 10,0	M6	M6	500
10047BB0108.0	**8,0**	Ø 10,0	M6	M6	500
10047BB0109.0	**9,0**	Ø 10,0	M6	M6	500
10047BB0110.0	**10,0**	Ø 10,0	M6	M6	500
10047BB0111.0	**11,0**	Ø 10,0	M6	M6	500
10047BB0112.0	**12,0**	Ø 10,0	M6	M6	500
10047BB0113.0	**13,0**	Ø 10,0	M6	M6	500
10047BB0114.0	**14,0**	Ø 10,0	M6	M6	500
10047BB0115.0	**15,0**	Ø 10,0	M6	M6	500
10047BB0116.0	**16,0**	Ø 10,0	M6	M6	500
10047BB0117.0	**17,0**	Ø 10,0	M6	M6	500
10047BB0118.0	**18,0**	Ø 10,0	M6	M6	500
10047BB0119.0	**19,0**	Ø 10,0	M6	M6	500
10047BB0120.0	**20,0**	Ø 10,0	M6	M6	500

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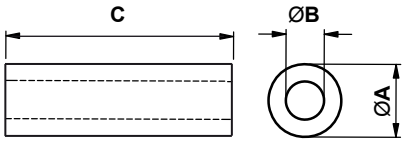


- **Material: PA 6 25% GF** */ Material: Nylon 6 25% GF*
- **Farbe: Schwarz** */ Colour: Black*
- **Entflammbarkeit : entspricht HB (UL94)**
  UL Flammability: according **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +110°C**
- **auf Anfrage Farbe: Weiß** / special request *Colour: White*
- **Material: PS (Polystyrol) /** *Material: PS*
- **Entflammbarkeit : entspricht HB (UL94)**
  UL Flammability: **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -40°C ~ +70°C**
- **Bitte Material Code DA02 verwenden anstatt BB01 verwenden /**
  Please used material Code DA02 instead of BB01

ARTIKEL *P/N*	**A**	**B**	**C**	**VPE-Stckz.** *Moq-Pcs*
10083BB01	4,0	1,0	2,0 - 5,0	500
10084BB01	4,0	1,5	2,0 - 20,0	500
10085BB01	4,0	2,2	1,0 - 50,0	500
10086BB01	4,0	2,7	2,0 - 30,0	500
10087BB01	4,0	3,0	2,0 - 20,0	500
10088BB01	4,8	3,5	2,0 - 45,0	500
10089BB01	5,0	2,2	2,0 - 45,0	500
10090BB01	5,0	2,7	2,0 - 55,0	500
10091BB01	5,0	3,2	2,0 - 50,0	500
10092BB01	5,0	3,4	3,0 - 45,0	500
10093BB01	5,5	3,4	2,0 - 60,0	500
10094BB01	6,0	2,2	2,0 - 50,0	500
10095BB01	6,0	2,7	2,0 - 55,0	500
10096BB01	6,0	3,2	2,0 - 60,0	500
10097BB01	6,0	3,4	2,0 - 60,0	500
10098BB01	6,0	4,1	2,0 - 54,0	500
10099BB01	6,0	4,5	2,0 - 54,0	500
10100BB01	6,0	4,7	2,0 - 45,0	500
10101BB01	6.4	4.3	2.0 - 60,0	500

Lieferbare Höhen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10084BB0108.0 für den Abstandshalter 10084BB01 mit Höhe 8,0 mm. /
Order example: 10084BB0108.0 for the 10084BB01 8,0 mm. lenght spacer.



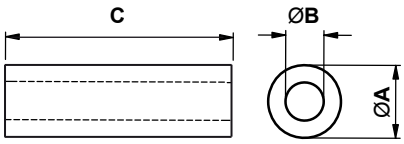


- **Material: PA 6 25% GF** */ Material: Nylon 6 25% GF*
- **Farbe: Schwarz** */ Colour: Black*
- **Entflammbarkeit : entspricht HB (UL94)**
  UL Flammability: according **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +110°C**
- **auf Anfrage Farbe: Weiß** / special request *Colour: White*
- **Material: PS (Polystyrol) /** *Material: PS*
- **Entflammbarkeit : entspricht HB (UL94)**
  UL Flammability: **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -40°C ~ +70°C**
- **Bitte Material Code DA02 verwenden anstatt BB01 verwenden /**
  Please used material Code DA02 instead of BB01

ARTIKEL *P/N*	**A**	**B**	**C**	**VPE-Stckz.** *Moq-Pcs*
10102BB01	7,0	3,4	2,0 - 60,0	500
10103BB01	7,0	4,5	2,0 - 60,0	500
10104BB01	7,0	5,0	2,0 - 53,0	500
10105BB01	8,0	3,5	2,0 - 50,0	500
10106BB01	8,0	4,1	2,0 - 60,0	500
10107BB01	8,0	4,2	2,0 - 60,0	500
10108BB01	8,0	5,2	2,0 - 60,0	500
10109BB01	8,0	6,2	2,0 - 63,0	500
10110BB01	8,0	6,4	2,0 - 50,0	500
10111BB01	8,5	5,5	2,0 - 60,0	500
10112BB01	9,0	4,2	1,0 - 60,0	500
10113BB01	9,0	6,2	2,0 - 63,0	500
10114BB01	9,0	7,0	2,0 - 50,0	500
10115BB01	10,0	3,2	2,0 - 20,0	500
10116BB01	10,0	4,2	2,0 - 40,0	500
10117BB01	10,0	5,2	2,0 - 57,0	500
10118BB01	10,0	6,2	2,0 - 55,0	500
10119BB01	10,0	7,0	2,0 - 60,0	500
10120BB01	10,0	8,2	2,0 - 63,0	500
10121BB01	11,0	3,2	2,0 - 20,0	500

Lieferbare Höhen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10102BB108.0 für den Abstandshalter 10102BB01 mit Höhe 8,0 mm. /
Order example: 10102BB0108.0 for the 10102BB01 8,0 mm. lenght spacer.





- **Material: PA 6 25% GF** */ Material: Nylon 6 25% GF*
- **Farbe: Schwarz** */ Colour: Black*
- **Entflammbarkeit : entspricht HB (UL94)**
  UL Flammability: according **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +110°C**
- **auf Anfrage Farbe: Weiß** / special request *Colour: White*
- **Material: PS (Polystyrol) /** *Material: PS*
- **Entflammbarkeit : entspricht HB (UL94)**
  UL Flammability: **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -40°C ~ +70°C**
- **Bitte Material Code DA02 verwenden anstatt BB01 verwenden /**
  Please used material Code DA02 instead of BB01

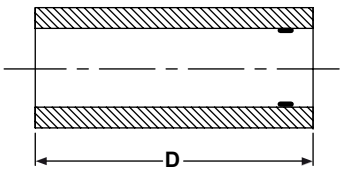
ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
10122BB01	12,0	4,2	2,0 - 58,0	500
10123BB01	12,0	5,2	2,0 - 58,0	500
10124BB01	12,0	6,2	2,0 - 65,0	500
10125BB01	12,0	8,2	2,0 - 63,0	500
10126BB01	12,0	9,1	2,0 - 65,0	500
10127BB01	12,0	9,6	2,0 - 50,0	500
10128BB01	14,0	8,2	2,0 - 50,0	500
10129BB01	14,0	9,5	2,0 - 50,0	500
10130BB01	14,0	12,2	2,0 - 20,0	500
10131BB01	15,0	10,4	2,0 - 50,0	500
10132BB01	15,0	11,2	2,0 - 50,0	500
10133BB01	16,0	6,2	3,0 - 30,0	500
10134BB01	16,0	10,4	2,0 - 50,0	500
10135BB01	16,0	12,4	2,0 - 50,0	500
10136BB01	20,0	5,2	2,0 - 20,0	500
10137BB01	25,2	18,2	2,0 - 20,0	500

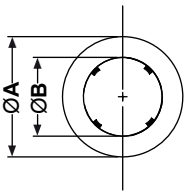
Lieferbare Höhen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10122BB0108.0 für den Abstandshalter 10122BB01 mit Höhe 8,0 mm. /
Order example: 10122BB0108.0 for the 10122BB01 8,0 mm. lenght spacer.

***Für andere Größen konsultieren Sie bitte das Sortiment auf den Seiten.**
**For other sizes, please consult the range on pag.*
818 - 825

SELBSTHALTENDE DISTANZROLLE
SELF RETAINING ROUND SPACER







- **Material: PA 6.6** */ Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -30°C ~ +110°C**
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm** */ All dimensions are in mm*

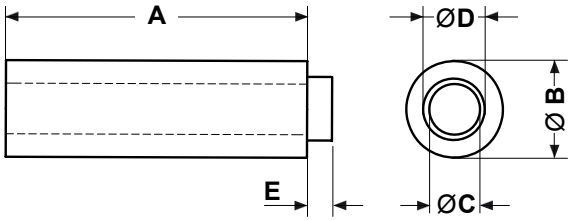
ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
10138AA01	4,0	2,2	2,0 - 40,0	500
10139AA01	5,0	2,7	2,0 - 55,0	500
10140AA01	6,0	3,4	2,0 - 45,0	500
10141AA01	6,0	2,7	2,0 - 55,0	500
10142AA01	8,0	4,2	2,0 - 50,0	500
10143AA01	8,0	5,2	2,0 - 60,0	500
10144AA01	10,0	6,2	2,0 - 60,0	500

Lieferbare Höhen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10138AA0108.0 für den Abstandshalter 10138AA01 mit Höhe 8,0 mm. /
Order example: 10138AA0108.0 for the 10138AA01 8,0 mm. lenght spacer.

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ABSTANDSROLLE ABGESETZT
ROUND SPACER





- **Material: PA 6 25%GV** */ Material: Nylon 6 25%GV*
- **Temperaturbereich /** Working temperature**: -35°C ~ +110°C**
- **Entflammbarkeit : entspricht HB (UL94)**
  UL Flammability: according **HB (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

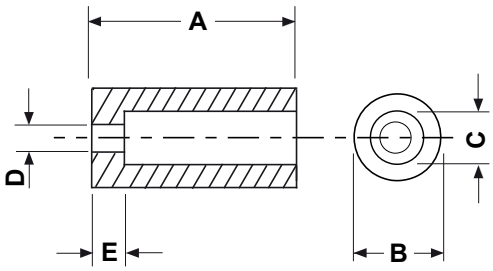
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**VPE-Stckz.** *Moq-Pcs*
10064BB01	3,0 - 50,0	Ø 4,0	Ø 2,2	Ø 3,1	0,3	500
10065BB01	3,0 - 50,0	Ø 4,0	Ø 2,2	Ø 3,1	0,7	500
10066BB01	3,0 - 50,0	Ø 4,0	Ø 2,2	Ø 3,1	1,0	500
10067BB01	3,0 - 60,0	Ø 6,0	Ø 3,2	Ø 3,6	1,3	500
10068BB01	3,0 - 45,0	Ø 6,0	Ø 3,4	Ø 4,2	1,4	500
10069BB01	3,0 - 45,0	Ø 6,0	Ø 3,5	Ø 4,6	2,0	500
10070BB01	3,0 - 50,0	Ø 6,0	Ø 4,2	Ø 5,0	1,5	500
10071BB01	3,0 - 45,0	Ø 8,0	Ø 4,2	Ø 5,5	1,0	500
10072BB01	3,0 - 60,0	Ø 8,5	Ø 4,2	Ø 5,3	3,5	500
10073BB01	3,0 - 50,0	Ø 10,0	Ø 6,5	Ø 8,0	2,5	500
10074BB01	3,0 - 50,0	Ø 10,0	Ø 6,5	Ø 8,0	6,5	500
10075BB01	3,0 - 65,0	Ø 12,0	Ø 6,2	Ø 9,5	2,0	500

Lieferbare Höhen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /

Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10064BB0108.0 für den Abstandshalter 10064BB01 mit Höhe 8,0 mm. /
Order example: 10064BB0108.0 for the 10064BB01 8,0 mm. lenght spacer.

DISTANZROLLE ABGESETZT
ROUND SPACER





- **Material: PA 6 25%GV** */ Material: Nylon 6 25%GV*
- **Temperaturbereich /** Working temperature**: -35°C ~ +110°C**
- **Entflammbarkeit : entspricht HB (UL94)**
  UL Flammability: according **HB (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

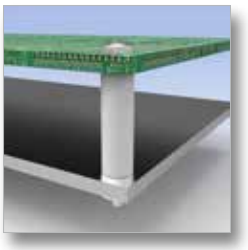
ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10076BB01	2,0 - 54,0	Ø 6,0	Ø 4,1	Ø 2,7	2,0	500
10077BB01	5,0 - 50,0	Ø 7,0	Ø 4,5	Ø 2,6	1,5	500
10078BB01	5,0 - 50,0	Ø 7,0	Ø 4,5	Ø 3,7	2,0	500
10079BB01	2,0 - 60,0	Ø 7,0	Ø 6,2	Ø 4,6	2,0	500
10080BB01	5,0 - 50,0	Ø 10,0	Ø 6,2	Ø 3,5	2,0	500
10081BB01	5,0 - 50,0	Ø 12,0	Ø 8,2	Ø 4,2	2,0	500

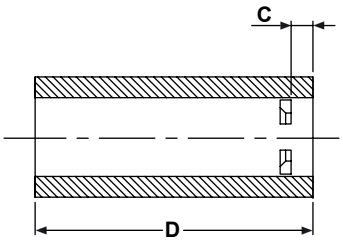
Lieferbare Höhen in Stufen von je 1 mm. */ Lenghts availbable in increments of 1 mm.*
Andere Sonderhöhen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. /

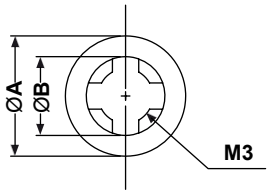
Please add the wished lenghts to the final part of the code for your order.
Beispielbestellung: 10076BB0108.0 für den Abstandshalter 10076BB01 mit Höhe 8,0 mm. /
Order example: 10076BB0108.0 for the 10076BB01 8,0 mm. lenght spacer.

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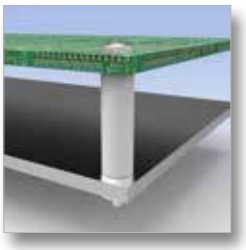


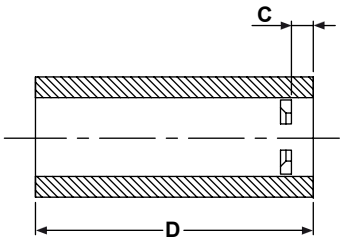
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Auf Anfrage: UL94 V0** / *special request only UL94 V0*
- **Alle Maße sind in mm /** *All dimensions are in mm*

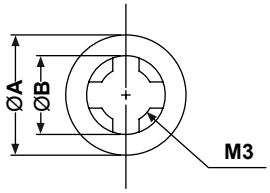
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
11454AA0001.5	5,5	3,6	1,0	1,5		2.000
11454AA0002.0	5,5	3,6	1,0	2,0		2.000
11454AA0003.0	5,5	3,6	1,0	3,0		2.000
11454AA0003.5	5,5	3,6	1,0	3,5		2.000
11454AA0004.0	5,5	3,6	1,0	4,0		2.000
11454AA0005.0	5,5	3,6	1,0	5,0		2.000
11454AA0006.0	5,5	3,6	1,0	6,0		2.000
11454AA0006.3	5,5	3,6	1,0	6,3		2.000
11454AA0007.0	5,5	3,6	1,0	7,0		2.000
11454AA0008.0	5,5	3,6	1,0	8,0		2.000
11454AA0009.0	5,5	3,6	1,0	9,0		2.000
11454AA0009.5	5,5	3,6	1,0	9,5		2.000
11454AA0010.0	5,5	3,6	1,0	10,0		2.000
11454AA0011.0	5,5	3,6	1,0	11,0		2.000
11454AA0012.0	5,5	3,6	1,0	12,0		2.000
11454AA0013.0	5,5	3,6	1,0	13,0		2.000
11454AA0014.0	5,5	3,6	1,0	14,0		2.000
11454AA0015.0	5,5	3,6	1,0	15,0		2.000
11454AA0016.0	5,5	3,6	1,0	16,0		2.000
11454AA0017.0	5,5	3,6	1,0	17,0		2.000

SELBSTHALTENDE ABSTANDSROLLEN
ROUND SELF RETAINING SPACERS









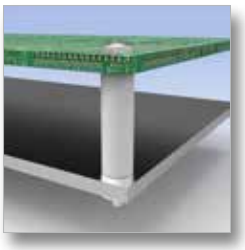
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Auf Anfrage: UL94 V0** / *special request only UL94 V0*
- **Alle Maße sind in mm /** *All dimensions are in mm*

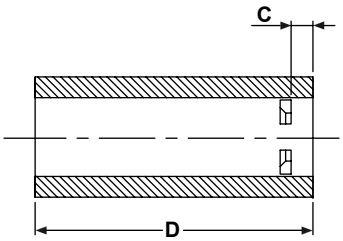
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
11454AA0019.0	5,5	3,6	1,0	19,0		2.000
11454AA0020.0	5,5	3,6	1,0	20,0		1.000
11454AA0021.0	5,5	3,6	1,0	21,0		1.000
11454AA0022.0	5,5	3,6	1,0	22,0		1.000
11454AA0023.0	5,5	3,6	1,0	23,0		1.000
11454AA0024.0	5,5	3,6	1,0	24,0		1.000
11454AA0025.0	5,5	3,6	1,0	25,0		1.000
11454AA0025.4	5,5	3,6	1,0	25,4		1.000
11454AA0026.0	5,5	3,6	1,0	26,0		1.000
11454AA0027.0	5,5	3,6	1,0	27,0		1.000
11454AA0028.0	5,5	3,6	1,0	28,0		1.000
11454AA0029.0	5,5	3,6	1,0	29,0		1.000
11454AA0030.0	5,5	3,6	1,0	30,0		1.000

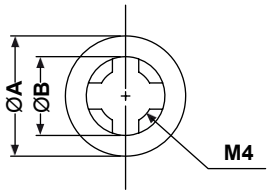
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ROUND SELF RETAINING SPACERS







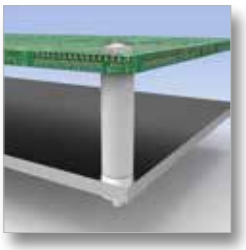


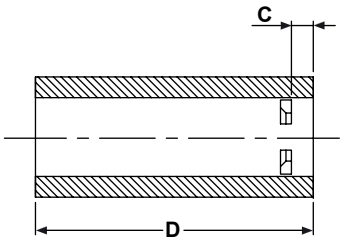
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Auf Anfrage: UL94 V0** / *special request only* **UL94 V0**
- **Alle Maße sind in mm /** *All dimensions are in mm*

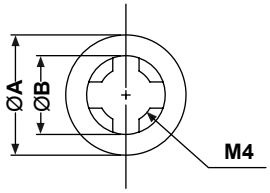
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
11455AA0001.5	7,0	4,7	1,0	1,5		2.000
11455AA0002.0	7,0	4,7	1,0	2,0		2.000
11455AA0003.0	7,0	4,7	1,0	3,0		2.000
11455AA0004.0	7,0	4,7	1,0	4,0		2.000
11455AA0005.0	7,0	4,7	1,0	5,0		2.000
11455AA0006.0	7,0	4,7	1,0	6,0		2.000
11455AA0006.3	7,0	4,7	1,0	6,3		2.000
11455AA0007.0	7,0	4,7	1,0	7,0		2.000
11455AA0008.0	7,0	4,7	1,0	8,0		2.000
11455AA0009.0	7,0	4,7	1,0	9,0		2.000
11455AA0010.0	7,0	4,7	1,0	10,0		2.000
11455AA0011.0	7,0	4,7	1,0	11,0		2.000
11455AA0012.0	7,0	4,7	1,0	12,0		2.000
11455AA0013.0	7,0	4,7	1,0	13,0		2.000
11455AA0014.0	7,0	4,7	1,0	14,0		2.000
11455AA0015.0	7,0	4,7	1,0	15,0		2.000
11455AA0015.9	7,0	4,7	1,0	15,0		2.000
11455AA0016.0	7,0	4,7	1,0	16,0		2.000
11455AA0017.0	7,0	4,7	1,0	17,0		2.000
11455AA0018.0	7,0	4,7	1,0	18,0		2.000

SELBSTHALTENDE ABSTANDSROLLEN
ROUND SELF RETAINING SPACERS







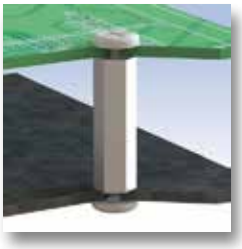


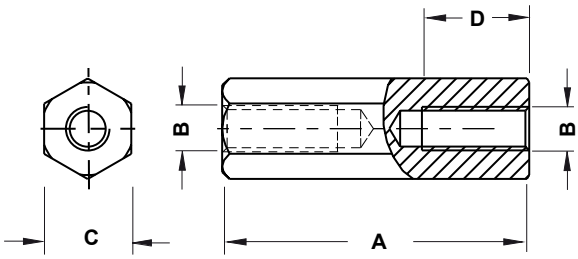
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Auf Anfrage: UL94 V0** / *special request only UL94 V0*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
11455AA0019.0	7,0	4,7	1,0	19,0		2.000
11455AA0020.0	7,0	4,7	1,0	20,0		1.000
11455AA0021.0	7,0	4,7	1,0	21,0		1.000
11455AA0022.0	7,0	4,7	1,0	22,0		1.000
11455AA0023.0	7,0	4,7	1,0	23,0		1.000
11455AA0024.0	7,0	4,7	1,0	24,0		1.000
11455AA0025.0	7,0	4,7	1,0	25,0		1.000
11455AA0025.4	7,0	4,7	1,0	25,4		1.000
11455AA0026.0	7,0	4,7	1,0	26,0		1.000
11455AA0027.0	7,0	4,7	1,0	27,0		1.000
11455AA0028.0	7,0	4,7	1,0	28,0		1.000
11455AA0029.0	7,0	4,7	1,0	29,0		1.000
11455AA0030.0	7,0	4,7	1,0	30,0		1.000

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MESSING ABSTANDS BOLZEN
BRASS SPACERS





Material: Messing 2.0401/ *Material: Brass DMS100*

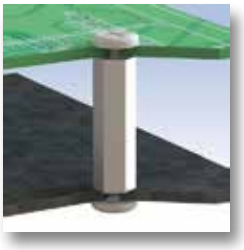
Oberfläche: vernickelt G3E / *Surface: nickel plated G3E*

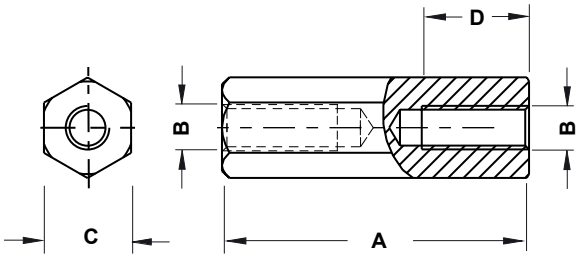
Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D=E	VPE-Stckz. *Moq-Pcs*
7000MA92	5,0	**M2**	4,0	5,0	500
7001MA92	8,0	**M2**	4,0	8,0	500
7002MA92	10,0	**M2**	4,0	10,0	500
7003MA92	12,0	**M2**	4,0	12,0	500
7004MA92	15,0	**M2**	4,0	15,0	500
7005MA92	18,0	**M2**	4,0	18,0	500
7006MA92	20,0	**M2**	4,0	20,0	500
7007MA92	25,0	**M2**	4,0	8,0	500
7008MA92	30,0	**M2**	4,0	8,0	500
7009MA92	35,0	**M2**	4,0	8,0	500
7010MA92	40,0	**M2**	4,0	8,0	500
7011MA92	5,0	**M2,5**	5,0	5,0	500
7012MA92	8,0	**M2,5**	5,0	8,0	500
7013MA92	10,0	**M2,5**	5,0	10,0	500
7014MA92	12,0	**M2,5**	5,0	12,0	500
7015MA92	15,0	**M2,5**	5,0	15,0	500
7016MA92	18,0	**M2,5**	5,0	18,0	500
7017MA92	20,0	**M2,5**	5,0	20,0	500
7018MA92	25,0	**M2,5**	5,0	8,0	500
7019MA92	30,0	**M2,5**	5,0	8,0	500
7020MA92	35,0	**M2,5**	5,0	8,0	500
7021MA92	40,0	**M2,5**	**5,0**	8,0	500
7022MA92	5,0	**M3**	**5,0**	5,0	500
7023MA92	8,0	**M3**	**5,0**	8,0	500
7024MA92	10,0	**M3**	**5,0**	10,0	500
7025MA92	12,0	**M3**	**5,0**	12,0	500
7026MA92	15,0	**M3**	**5,0**	15,0	500

ARTIKEL *P/N*	A	B	C	D=E	VPE-Stckz. *Moq-Pcs*
7027MA92	18,0	**M3**	**5,0**	18,0	500
7028MA92	20,0	**M3**	**5,0**	20,0	500
7029MA92	25,0	**M3**	**5,0**	10,0	500
7030MA92	30,0	**M3**	**5,0**	10,0	500
7031MA92	35,0	**M3**	**5,0**	10,0	500
7032MA92	40,0	**M3**	**5,0**	10,0	500
8488MA92	45,0	**M3**	**5,0**	10,0	500
7033MA92	50,0	**M3**	**5,0**	10,0	500
8489MA92	55,0	**M3**	**5,0**	10,0	500
7034MA92	60,0	**M3**	**5,0**	10,0	500
7035MA92	70,0	**M3**	**5,0**	10,0	500
7036MA92	80,0	**M3**	**5,0**	10,0	500
7037MA92	5,0	**M3**	5,5	5,0	500
7038MA92	8,0	**M3**	5,5	8,0	500
7039MA92	10,0	**M3**	5,5	10,0	500
7040MA92	12,0	**M3**	5,5	12,0	500
7041MA92	15,0	**M3**	5,5	15,0	500
7042MA92	18,0	**M3**	5,5	18,0	500
7043MA92	20,0	**M3**	5,5	20,0	500
7045MA92	25,0	**M3**	5,5	10,0	500
7046MA92	30,0	**M3**	5,5	10,0	500
7047MA92	35,0	**M3**	5,5	10,0	500
7048MA92	40,0	**M3**	5,5	10,0	500
7049MA92	50,0	**M3**	5,5	10,0	500
7050MA92	60,0	**M3**	5,5	10,0	500
7051MA92	70,0	**M3**	5,5	10,0	500
7052MA92	80,0	**M3**	5,5	10,0	500
4551MA92	5,0	**M3**	6,0	5,0	500

MESSING ABSTANDS BOLZEN
BRASS SPACERS





- **Material: Messing 2.0401/** *Material: Brass DMS100*
- **Oberfläche: vernickelt G3E** / *Surface: nickel plated G3E*

- **Alle Maße sind in mm** / *All dimensions are in mm*

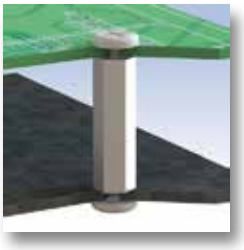
Auf Anfrage Zwischenlängen und Sonderausführungen.
Intermediate lengths and special versions

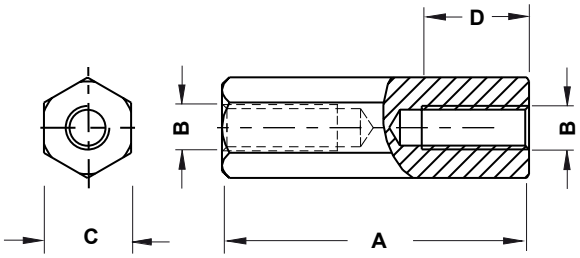
ARTIKEL *P/N*	A	B	C	D=E	VPE-Stckz. *Moq-Pcs.*
7517MA92	5,0	**M3**	5,0	5,0	500
7519MA92	6,0	**M3**	5,0	6,0	500
7521MA92	7,0	**M3**	5,0	7,0	500
7522MA92	8,0	**M3**	5,0	8,0	500
7523MA92	9,0	**M3**	5,0	9,0	500
7500MA92	10,0	**M3**	5,0	10,0	500
7501MA92	11,0	**M3**	5,0	11,0	500
7502MA92	12,0	**M3**	5,0	12,0	500
7503MA92	13,0	**M3**	5,0	13,0	500
7504MA92	14,0	**M3**	5,0	14,0	500
7505MA92	15,0	**M3**	5,0	15,0	500
7506MA92	16,0	**M3**	5,0	7,0	500
7507MA92	17,0	**M3**	5,0	7,0	500
7508MA92	18,0	**M3**	5,0	7,0	500
7509MA92	20,0	**M3**	5,0	7,0	500
7510MA92	22,0	**M3**	5,0	7,0	500
12947MA92	24,0	**M3**	5,0	7,0	500
7511MA92	25,0	**M3**	5,0	7,0	500
7512MA92	30,0	**M3**	5,0	7,0	500
7513MA92	32,0	**M3**	5,0	7,0	500
7514MA92	35,0	**M3**	5,0	7,0	500
7515MA92	40,0	**M3**	5,0	7,0	500
7516MA92	45,0	**M3**	5,0	7,0	500
7518MA92	50,0	**M3**	5,0	7,0	500
7520MA92	60,0	**M3**	5,0	7,0	500

ARTIKEL *P/N*	A	B	C	D=E	VPE-Stckz. *Moq-Pcs.*
7534MA92	5,0	**M4**	6,0	5,0	500
7537MA92	8,0	**M4**	6,0	8,0	500
7524MA92	10,0	**M4**	6,0	10,0	500
7525MA92	12,0	**M4**	6,0	6,0	500
7526MA92	15,0	**M4**	6,0	6,0	500
7527MA92	18,0	**M4**	6,0	6,0	500
7528MA92	20,0	**M4**	6,0	6,0	500
7529MA92	25,0	**M4**	6,0	6,0	500
7530MA92	30,0	**M4**	6,0	6,0	500
7531MA92	35,0	**M4**	6,0	6,0	500
7532MA92	40,0	**M4**	6,0	6,0	500
7533MA92	45,0	**M4**	6,0	6,0	500
7535MA92	50,0	**M4**	6,0	6,0	500
7536MA92	60,0	**M4**	6,0	6,0	500

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MESSING ABSTANDSHALTER BOLZEN
BRASS SPACERS





- **Material: Messing 2.0401**/ *Material: Brass DMS100*
- **Oberfläche: vernickelt G3E** / *Surface: nickel plated G3E*

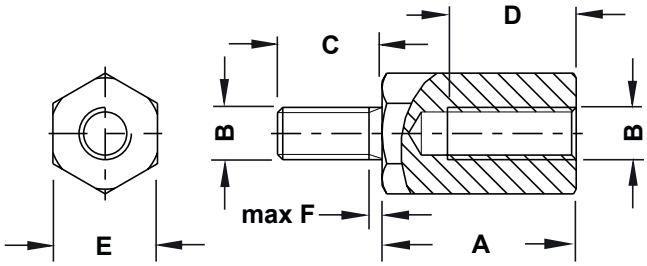
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D=E	VPE-Stckz. *Moq-Pcs.*
7053MA92	8,0	**M3**	6,0	8,0	500
4552MA92	10,0	**M3**	6,0	10,0	500
7054MA92	12,0	**M3**	6,0	12,0	500
4553MA92	15,0	**M3**	6,0	15,0	500
7055MA92	18,0	**M3**	6,0	18,0	500
4554MA92	20,0	**M3**	6,0	20,0	500
4555MA92	25,0	**M3**	6,0	9,0	500
4556MA92	30,0	**M3**	6,0	9,0	500
4557MA92	35,0	**M3**	6,0	9,0	500
4563MA92	5,0	**M4**	**7,0**	5,0	500
7073MA92	8,0	**M4**	**7,0**	8,0	500
4564MA92	10,0	**M4**	**7,0**	10,0	500
7074MA92	12,0	**M4**	**7,0**	12,0	500
4565MA92	15,0	**M4**	**7,0**	15,0	500
7075MA92	18,0	**M4**	**7,0**	18,0	500
4566MA92	20,0	**M4**	**7,0**	20,0	500
4567MA92	25,0	**M4**	**7,0**	10,0	500
4568MA92	30,0	**M4**	**7,0**	10,0	500
4569MA92	35,0	**M4**	**7,0**	10,0	500
4570MA92	40,0	**M4**	**7,0**	10,0	500
4571MA92	45,0	**M4**	**7,0**	10,0	500
4572MA92	50,0	**M4**	**7,0**	10,0	500
4573MA92	55,0	**M4**	**7,0**	10,0	500
4574MA92	60,0	**M4**	**7,0**	10,0	500
7076MA92	70,0	**M4**	**7,0**	10,0	500

ARTIKEL *P/N*	A	B	C	D=E	VPE-Stckz. *Moq-Pcs.*
7077MA92	80,0	**M4**	**7,0**	10,0	500
7078MA92	5,0	**M5**	8,0	5,0	500
7079MA92	8,0	**M5**	8,0	8,0	500
7080MA92	10,0	**M5**	8,0	10,0	500
7081MA92	12,0	**M5**	8,0	12,0	500
7082MA92	15,0	**M5**	8,0	15,0	500
7083MA92	18,0	**M5**	8,0	18,0	500
7084MA92	20,0	**M5**	8,0	20,0	500
7085MA92	25,0	**M5**	8,0	10,0	500
7086MA92	30,0	**M5**	8,0	10,0	500
7087MA92	35,0	**M5**	8,0	10,0	500
7088MA92	40,0	**M5**	8,0	10,0	500
7089MA92	45,0	**M5**	8,0	10,0	500
7090MA92	50,0	**M5**	8,0	10,0	500
7091MA92	60,0	**M5**	8,0	10,0	500
7092MA92	70,0	**M5**	8,0	10,0	500
7093MA92	80,0	**M5**	8,0	10,0	500

MESSING ABSTANDSHALTER
NICKEL-PLATED BRASS THREADED P.C.B. SPACERS





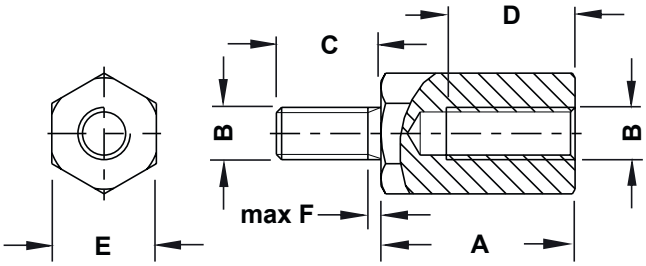
- **Material: Messing 2.0401/** *Material: Brass DMS100*
- **Oberfläche: vernickelt G3E** / *Surface: nickel plated G3E*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **Ohne Freistich /** *Without undercut*

ARTIKEL *P/N*	A	B	C	D	E	F	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
7555MA92	5,0	**M3**	7,0	3,0	5,0	1,0		500
7557MA92	6,0	**M3**	7,0	5,0	5,0	1,0		500
7559MA92	7,0	**M3**	7,0	5,5	5,0	1,0		500
7560MA92	8,0	**M3**	7,0	6,0	5,0	1,0		500
7561MA92	9,0	**M3**	7,0	7,0	5,0	1,0		500
7538MA92	10,0	**M3**	7,0	7,0	5,0	1,0		500
7539MA92	11,0	**M3**	7,0	7,0	5,0	1,0		500
7540MA92	12,0	**M3**	7,0	7,0	5,0	1,0		500
7541MA92	13,0	**M3**	7,0	7,0	5,0	1,0		500
7542MA92	14,0	**M3**	7,0	7,0	5,0	1,0		500
7543MA92	15,0	**M3**	7,0	7,0	5,0	1,0		500
7544MA92	16,0	**M3**	7,0	7,0	5,0	1,0		500
7545MA92	17,0	**M3**	7,0	7,0	5,0	1,0		500
7546MA92	18,0	**M3**	7,0	7,0	5,0	1,0		500
7547MA92	20,0	**M3**	7,0	7,0	5,0	1,0		500
7548MA92	22,0	**M3**	7,0	7,0	5,0	1,0		500
7549MA92	25,0	**M3**	7,0	7,0	5,0	1,0		500
7550MA92	30,0	**M3**	7,0	7,0	5,0	1,0		500
7551MA92	32,0	**M3**	7,0	7,0	5,0	1,0		500
7552MA92	35,0	**M3**	7,0	7,0	5,0	1,0		500
7553MA92	40,0	**M3**	7,0	7,0	5,0	1,0		500
7554MA92	45,0	**M3**	7,0	7,0	5,0	1,0		500
7556MA92	50,0	**M3**	7,0	7,0	5,0	1,0		500
7558MA92	60,0	**M3**	7,0	7,0	5,0	1,0		500

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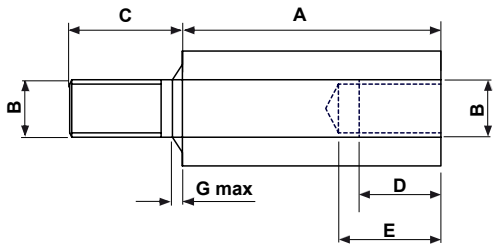


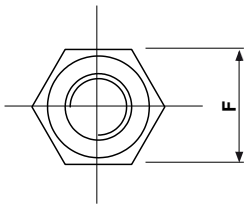
- **Material: Messing 2.0401/** *Material: Brass DMS100*
- **Oberfläche: vernickelt G3E** / *Surface: nickel plated G3E*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Ohne Freistich** / *Without undercut*

ARTIKEL *P/N*	A	**B**	C	D	E	F	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
7572MA92	5,0	**M4**	6,0	4,0	6,0	1,0		500
7575MA92	8,0	**M4**	6,0	6,0	6,0	1,0		500
7562MA92	10,0	**M4**	6,0	6,0	6,0	1,0		500
7563MA92	12,0	**M4**	6,0	6,0	6,0	1,0		500
7564MA92	15,0	**M4**	6,0	6,0	6,0	1,0		500
7565MA92	18,0	**M4**	6,0	6,0	6,0	1,0		500
7566MA92	20,0	**M4**	6,0	6,0	6,0	1,0		500
7567MA92	25,0	**M4**	6,0	6,0	6,0	1,0		500
7568MA92	30,0	**M4**	6,0	6,0	6,0	1,0		500
7569MA92	35,0	**M4**	6,0	6,0	6,0	1,0		500
7570MA92	40,0	**M4**	6,0	6,0	6,0	1,0		500
7571MA92	45,0	**M4**	6,0	6,0	6,0	1,0		500
7573MA92	50,0	**M4**	6,0	6,0	6,0	1,0		500
7574MA92	60,0	**M4**	6,0	6,0	6,0	1,0		500

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NICKEL-PLATED BRASS THREADED P.C.B. SPACERS







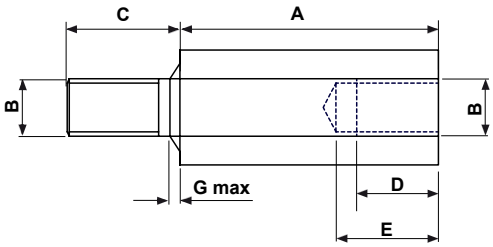
- **Material: Messing 2.0401/** *Material: Brass DMS100*
- **Oberfläche: vernickelt G3E** / *Surface: nickel plated G3E*
- **Alle Maße sind in mm** / *All dimensions are in mm*

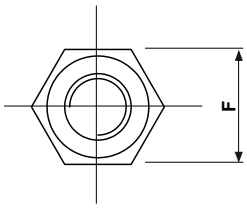
ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
7094MA92	5,0	**M2**	6,0	3,0	4,3	4,0	0,8		500
7095MA92	8,0	**M2**	6,0	4,0	6,5	4,0	0,8		500
7096MA92	10,0	**M2**	6,0	6,0	8,5	4,0	0,8		500
7097MA92	12,0	**M2**	6,0	8,0	10,0	4,0	0,8		500
7098MA92	15,0	**M2**	6,0	8,0	10,0	4,0	0,8		500
7099MA92	18,0	**M2**	6,0	8,0	13,0	4,0	0,8		500
7100MA92	20,0	**M2**	6,0	8,0	13,0	4,0	0,8		500
7101MA92	25,0	**M2**	6,0	8,0	13,0	4,0	0,8		500
7102MA92	30,0	**M2**	6,0	8,0	13,0	4,0	0,8		500
7103MA92	35,0	**M2**	6,0	8,0	13,0	4,0	0,8		500
7104MA92	40,0	**M2**	6,0	8,0	13,0	4,0	0,8		500
7105MA92	5,0	**M2,5**	6,0	3,0	4,3	5,0	0,9		500
7106MA92	8,0	**M2,5**	6,0	4,0	6,5	5,0	0,9		500
7107MA92	10,0	**M2,5**	6,0	6,0	8,5	5,0	0,9		500
7108MA92	12,0	**M2,5**	6,0	8,0	10,0	5,0	0,9		500
7109MA92	15,0	**M2,5**	6,0	8,0	13,0	5,0	0,9		500
7110MA92	18,0	**M2,5**	6,0	8,0	13,0	5,0	0,9		500
7111MA92	20,0	**M2,5**	6,0	8,0	13,0	5,0	0,9		500
7112MA92	25,0	**M2,5**	6,0	8,0	13,0	5,0	0,9		500
7113MA92	30,0	**M2,5**	6,0	8,0	13,0	5,0	0,9		500
7114MA92	35,0	**M2,5**	6,0	8,0	13,0	5,0	0,9		500
7115MA92	40,0	**M2,5**	6,0	8,0	13,0	5,0	0,9		500
4527MA92	5,0	**M3**	8,0	3,0	4,3	**5,0**	1,0		500
4690MA92	8,0	**M3**	8,0	4,0	6,5	**5,0**	1,0		500
4528MA92	10,0	**M3**	8,0	6,0	8,5	**5,0**	1,0		500
4691MA92	12,0	**M3**	8,0	8,0	13,0	**5,0**	1,0		500

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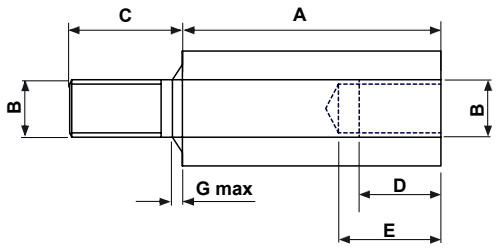
- **Material: Messing 2.0401/** *Material: Brass DMS100*
- **Oberfläche: vernickelt G3E** / *Surface: nickel plated G3E*

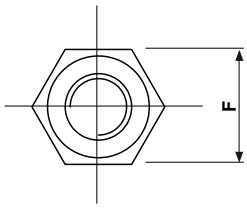
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4690MA92	8,0	**M3**	8,0	4,0	6,5	**5,0**	1,0		500
4528MA92	10,0	**M3**	8,0	6,0	8,5	**5,0**	1,0		500
4691MA92	12,0	**M3**	8,0	8,0	13,0	**5,0**	1,0		500
4529MA92	15,0	**M3**	8,0	8,0	13,0	**5,0**	1,0		500
7116MA92	18,0	**M3**	8,0	8,0	13,0	**5,0**	1,0		500
4530MA92	20,0	**M3**	8,0	8,0	13,0	**5,0**	1,0		500
4531MA92	25,0	**M3**	10,0	10,0	15,0	**5,0**	1,0		500
4532MA92	30,0	**M3**	10,0	10,0	15,0	**5,0**	1,0		500
4533MA92	35,0	**M3**	10,0	10,0	15,0	**5,0**	1,0		500
4534MA92	40,0	**M3**	10,0	10,0	15,0	**5,0**	1,0		500
4535MA92	45,0	**M3**	10,0	10,0	15,0	**5,0**	1,0		500
4536MA92	50,0	**M3**	10,0	10,0	15,0	**5,0**	1,0		500
4537MA92	55,0	**M3**	10,0	10,0	15,0	**5,0**	1,0		500
4538MA92	60,0	**M3**	10,0	10,0	15,0	**5,0**	1,0		500
7117MA92	70,0	**M3**	10,0	10,0	15,0	**5,0**	1,0		500
7118MA92	80,0	**M3**	10,0	10,0	15,0	**5,0**	1,0		500
7119MA92	5,0	**M3**	8,0	3,0	4,3	5,5	1,0		500
7120MA92	8,0	**M3**	8,0	4,0	6,5	5,5	1,0		500
7121MA92	10,0	**M3**	8,0	6,0	8,5	5,5	1,0		500
7122MA92	12,0	**M3**	8,0	8,0	13,0	5,5	1,0		500
7123MA92	15,0	**M3**	8,0	8,0	13,0	5,5	1,0		500
7124MA92	18,0	**M3**	8,0	8,0	13,0	5,5	1,0		500
7125MA92	20,0	**M3**	8,0	8,0	13,0	5,5	1,0		500
7126MA92	25,0	**M3**	10,0	10,0	15,0	5,5	1,0		500
7127MA92	30,0	**M3**	10,0	10,0	15,0	5,5	1,0		500
7128MA92	35,0	**M3**	10,0	10,0	15,0	5,5	1,0		500
7129MA92	40,0	**M3**	10,0	10,0	15,0	5,5	1,0		500

MESSING ABSTANDSHALTER
NICKEL-PLATED BRASS THREADED P.C.B. SPACERS







- **Material: Messing 2.0401/** *Material: Brass DMS100*
- **Oberfläche: vernickelt G3E** / *Surface: nickel plated G3E*

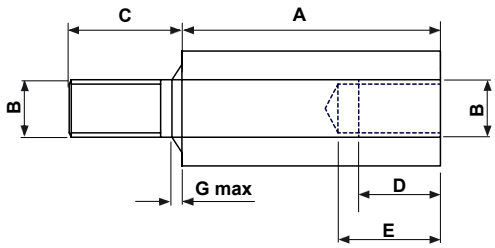
- **Alle Maße sind in mm** / *All dimensions are in mm*

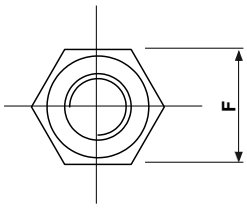
ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
7130MA92	50,0	**M3**	10,0	10,0	15,0	5,5	1,0		500
7131MA92	60,0	**M3**	10,0	10,0	15,0	5,5	1,0		500
7132MA92	70,0	**M3**	10,0	10,0	15,0	5,5	1,0		500
7133MA92	80,0	**M3**	10,0	10,0	15,0	5,5	1,0		500
4539MA92	5,0	**M4**	8,0	2,5	4,0	**7,0**	1,4		500
7134MA92	8,0	**M4**	8,0	4,0	6,5	**7,0**	1,4		500
4540MA92	10,0	**M4**	8,0	6,0	8,5	**7,0**	1,4		500
7135MA92	12,0	**M4**	8,0	8,0	10,0	**7,0**	1,4		500
4541MA92	15,0	**M4**	8,0	8,0	13,0	**7,0**	1,4		500
7136MA92	18,0	**M4**	8,0	8,0	13,0	**7,0**	1,4		500
4542MA92	20,0	**M4**	8,0	8,0	13,0	**7,0**	1,4		500
4543MA92	25,0	**M4**	10,0	10,0	15,0	**7,0**	1,4		500
4544MA92	30,0	**M4**	10,0	10,0	15,0	**7,0**	1,4		500
4545MA92	35,0	**M4**	10,0	10,0	15,0	**7,0**	1,4		500
4546MA92	40,0	**M4**	10,0	10,0	15,0	**7,0**	1,4		500
4547MA92	45,0	**M4**	10,0	10,0	15,0	**7,0**	1,4		500
4548MA92	50,0	**M4**	10,0	10,0	15,0	7,0	1,4		500
4549MA92	55,0	**M4**	10,0	10,0	15,0	7,0	1,4		500
4550MA92	60,0	**M4**	10,0	10,0	15,0	7,0	1,4		500
4692MA92	70,0	**M4**	10,0	10,0	15,0	7,0	1,4		500
4693MA92	80,0	**M4**	10,0	10,0	15,0	7,0	1,4		500

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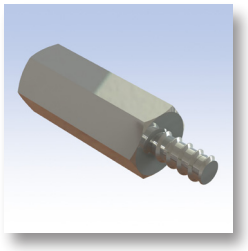




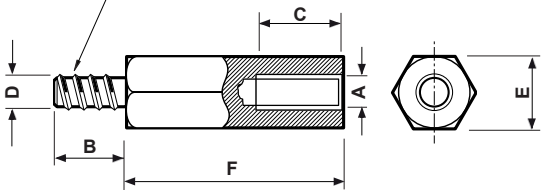
- **Material: Messing 2.0401/** *Material: Brass DMS100*
- **Oberfläche: vernickelt G3E** / *Surface: nickel plated G3E*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
4694MA92	10,0	**M5**	8,0	6,0	8,5	8,0	1,6		500
7137MA92	12,0	**M5**	8,0	8,0	10,0	8,0	1,6		500
4695MA92	15,0	**M5**	8,0	8,0	13,0	8,0	1,6		500
7138MA92	18,0	**M5**	8,0	8,0	13,0	8,0	1,6		500
4696MA92	20,0	**M5**	8,0	8,0	13,0	8,0	1,6		500
4756MA92	25,0	**M5**	10,0	10,0	15,0	8,0	1,6		500
4757MA92	30,0	**M5**	10,0	10,0	15,0	8,0	1,6		500
7139MA92	35,0	**M5**	10,0	10,0	15,0	8,0	1,6		500
4758MA92	40,0	**M5**	10,0	10,0	15,0	8,0	1,6		500
4759MA92	50,0	**M5**	10,0	10,0	15,0	8,0	1,6		500
4760MA92	60,0	**M5**	10,0	10,0	15,0	8,0	1,6		500
4800MA92	70,0	**M5**	10,0	10,0	15,0	8,0	1,6		500
4801MA92	80,0	**M5**	10,0	10,0	15,0	8,0	1,6		500
4802MA92	100,0	**M5**	10,0	10,0	15,0	8,0	1,6		500

SELBSTSCHNEIDENDE GEWINDEBOLZEN AUS MESSING
SELF TAPPING BRASS P.C.B. SPACERS



SELBSTSCHNEIDENDES GEWINDE / *SELF-TAPPING SCREW*



- **Material: Messing 2.0401/** *Material: Brass DMS100*
- **Oberfläche: vernickelt G3E** / *Surface: nickel plated G3E*

- **Alle Maße sind in mm /** *All dimensions are in mm*

Auf Anfrage Zwischenlängen und Sonderausführungen.
Intermediate lengths and special versions

ARTIKEL *P/N*	A	B	C	D	E	*F	VPE-Stckz. *Moq-Pcs*
5938MA92	**M2,5**	5,0	5 ~ 10	2,2	5,0	8, 10, 12, 15	1.000
5943MA92	**M3**	6,0	5 ~ 10	2,9	5,5	8, 10, 12, 15, 20	1.000
5944MA92	**M3**	6,0	5 ~ 10	3,3	5,5	8, 10, 20	1.000
5945MA92	**M3**	7,0	5 ~ 10	3,5	6,0	8, 10, 12, 15, 20	1.000
5946MA92	**M4**	8,0	5 ~ 10	4,2	7,0	8, 10, 12, 15, 20	1.000

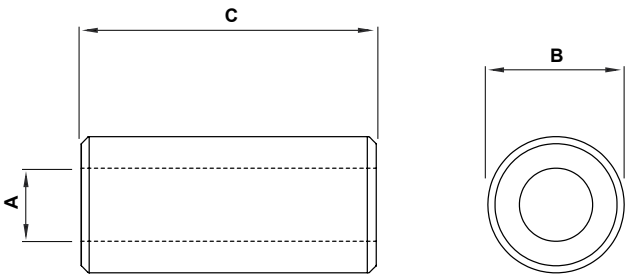
***Fügen Sie die gewünschte Länge am Ende des Codes hinzu, um zu bestellen**
Bestellbeispiel: 5938MA9208.0 für Abstandhalter 5938MA92 mit Höhe 8,0 mm

**Please add the wished lenghts to the final part of the code for your order*
Order example: 5938MA9208.0 for the 5938MA92 8,0 mm lenght spacer

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MESSING ABSTANDSROLLE
BRASS NICKEL-PLATED BRASS SPACERS





- **Material: Messing 2.0401** / *Material: Brass DMS 100*
- **Oberfläche : vernickelt** G3E/ *Surface: nickel plated G3E*

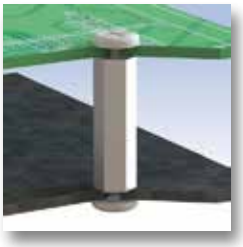
- **Alle Maße sind in mm.** / *All dimensions are in mm.*
Auf Anfrage Zwischenlängen und Sonderausführungen. / *Intermediate lengths and special versions*

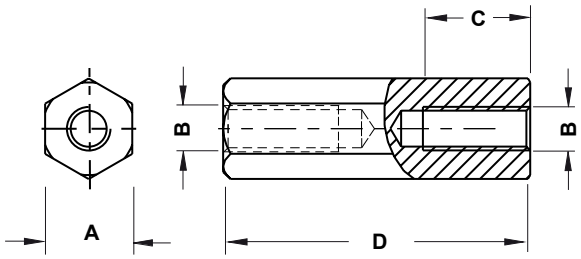
ARTIKEL *P/N*	**A**	**B**	**C**	**VPE-Stckz.** *Moq-Pcs*
7141MA92	**2,2**	4,0	1, 2, 3, 4, 5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40	100
7142MA92	**2,5**	5,0	1, 2, 3, 4, 5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40	100
7143MA92	**3,2**	6,0	1, 2, 3, 4, 5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40	100
7144MA92	**4,3**	8,0	1, 2, 3, 4, 5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40	100
7145MA92	**5,3**	10,0	1, 2, 3, 4, 5, 8, 10, 12, 15, 18, 20, 25, 30, 35, 40	100

***Fügen Sie die gewünschte Länge am Ende des Codes hinzu, um zu bestellen**
Bestellbeispiel: 7141MA9205.00 für Abstandhalter 7141MA92 mit Höhe 5,0 mm

**Please add the wished lenghts to the final part of the code for your order*
Order example: 7148MA9208.00 for the 7148MA92 8,0 mm lenght spacer

ABSTANDSHALTER I/I MESSING
SPACER I/I BRASS





- **Material: Messing 2.0401/** *Material: Brass DMS100*
- **Oberfläche: vernickelt G3E** / *Surface: nickel plated G3E*
- **T: Gewinde durchgehend /** *Thread through*
- **Alle Maße sind in mm /** *All dimensions are in mm*

Auf Anfrage Zwischenlängen und Sonderausführungen.
Intermediate lengths and special versions

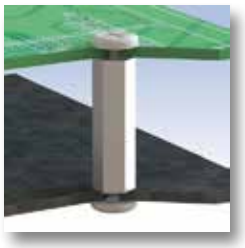
ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
10829MA92	SW 4.0	M2	T	5.0 / 6.0 / 8.0 / 10.0 / 12.0	100
	SW 4.0	M2	6,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0	
10830MA92	SW 4.0	M2.5	T	5.0 / 6.0 / 8.0 / 10.0 / 12.0 / 15.0	100
	SW 4.0	M2.5	6,0	18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0	
10831MA92	SW 5.0	M2.5	T	5.0 / 6.0 / 8.0 / 10.0 / 12.0 / 15.0	100
	SW 5.0	M2.5	8.0	18.0 / 20.0	
	SW 5.0	M2.5	10.0	25.0 / 30.0	
10832MA92	SW 5.0	M3	T	5.0 / 6.0 / 8.0 / 10.0 / 12.0 / 15.0	100
	SW 5.0	M3	8.0	18.0 / 20.0	
	SW 5.0	M3	10.0	25.0 / 30.0 / 35.0	
10833MA92	SW 5.5	M3	T	5.0 / 6.0 / 8.0 / 10.0 / 12.0 / 15.0	100
	SW 5.5	M3	8.0	18.0 / 20.0	
	SW 5.5	M3	10.0	25.0 / 30.0	
10834MA92	SW 7.0	M4	T	5.0 / 6.0 / 8.0 / 10.0 / 12.0 / 15.0	100
	SW 7.0	M4	8.0	18.0 / 20.0	
	SW 7.0	M4	10.0	25.0 / 30.0	
10835MA92	SW 8.0	M5	T	8.0 / 10.0 / 12.0 / 15.0 / 18.0 / 20.0	100
	SW 8.0	M5	10.0	25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0	
10836MA92	SW 10.0	M6	T	10.0 / 12.0 / 15.0 / 18.0	100
	SW 10.0	M6	10.0	20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0	

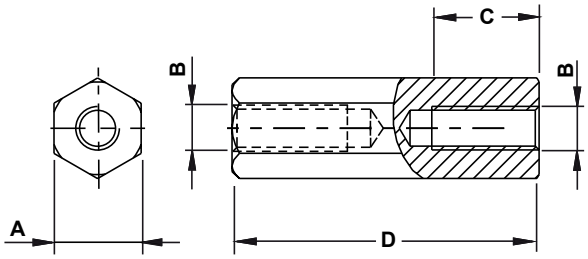
***Fügen Sie die gewünschte Länge am Ende des Codes hinzu, um zu bestellen**
Bestellbeispiel: 10829MA9205.00 für Abstandhalter 10829MA92 mit Höhe 5,0 mm

**Please add the wished lenghts to the final part of the code for your order*
Order example: 10829MA9208.00 for the 10829MA92 8,0 mm lenght spacer

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ABSTANDSHALTER I/I STAHL
SPACER I/I STEEL





- **Material: Stahl 1.0718 /** *Material: Steel DMS200*
- **Oberfläche: verzinkt A3F/** *Surface: zinc plated A3F*
- **T: Gewinde durchgehend /** *Thread through*
- **Alle Maße sind in mm /** *All dimensions are in mm*

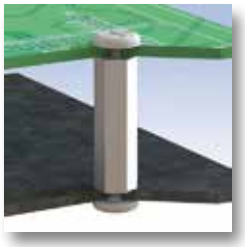
Auf Anfrage Zwischenlängen und Sonderausführungen. /
Intermediate lengths and special versions

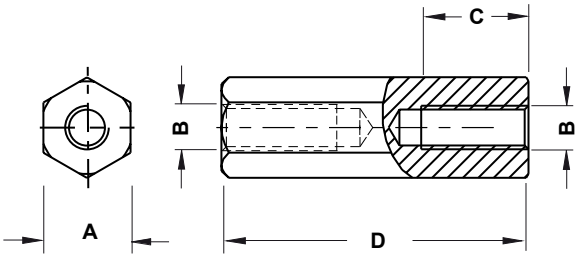
ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
10837MC94	SW 4.0	M2	T	5.0 / 8.0 / 10.0 / 12.0	100
	SW 4.0	M2	6,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0	
10838MC94	SW 4.0	M2.5	T	8.0 / 10.0 / 12.0 / 15.0 / 18.0	100
	SW 4.0	M2.5	10,0	20.0 / 25.0 / 30.0 / 35.0 / 40.0	
10839MC94	SW 5.0	M2.5	T	5.0 / 8.0 / 10.0 / 12.0 / 15.0 / 18.0 / 20.0 / 25.0	100
	SW 5.0	M2.5	10,0	30.0 / 35.0 / 40.0 / 45.0 / 50.0	
10840MC94	SW 5.0	M3	T	5.0 / 8.0 / 10.0 / 12.0 / 15.0 / 18.0 / 20.0 / 25.0	100
	SW 5.0	M3	10,0	30.0 / 35.0 / 40.0 / 45.0 / 50.0	
10841MC94	SW 5.5	M3	T	5.0 / 6.0 / 7.0 / 8.0 / 9.0 / 10.0 / 11.0 / 12.0 / 13.0 / 14.0 / 15.0 16.0 / 17.0 / 18.0 / 19.0 / 20.0 / 25.0	100
	SW 5.5	M3	8,0	30.0 / 35.0 / 40.0 / 45.0 / 50.0	
10842MC94	SW 6.0	M3	T	5.0 / 6.0 / 7.0 / 8.0 / 9.0 / 10.0 / 11.0	100
	SW 6.0	M3	10,0	12.0 / 13.0 / 14.0 / 15.0 / 16.0 / 17.0 / 18.0 / 19.0 / 20.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0	
10843MC94	SW 7.0	M4	T	5.0 / 8.0 / 9.0 / 10.0 / 11.0 / 12.0 / 13.0 / 14.0 / 15.0	100
	SW 7.0	M4	10.0	16.0 / 17.0 / 18.0 / 19.0 / 20.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0	
10844MC94	SW 8.0	M5	T	8.0 / 9.0 / 10.0 / 11.0 / 12.0 / 13.0 / 14.0 / 15.0 / 16.0 / 17.0 /18.0 / 19.0 / 20.0	100
	SW 8.0	M5	10.0	30.0 / 35.0 / 40.0 / 45.0 / 50.0	
10845MC94	SW10.0	M6	T	10.0 / 12.0 / 15.0 / 18.0 / 20.0 / 25.0	100
	SW10.0	M6	10.0	30.0 / 35.0 / 40.0 / 45.0 / 50.0	

***Fügen Sie die gewünschte Länge am Ende des Codes hinzu, um zu bestellen**
Bestellbeispiel: 10837MA9205.00 für Abstandhalter 10837MA92 mit Höhe 5,0 mm

**Please add the wished lenghts to the final part of the code for your order*
Order example: 10837MA9208.00 for the 10837MA92 8,0 mm lenght spacer

ABSTANDSHALTER I/I ALUMINIUM
SPACER I/I ALUMINIUM





- **Material: Aluminium 3.1655** / *Material: Aluminium DMS300*
- **Oberfläche: blank** / *Surface: no surface*
- **T: Gewinde durchgehend** / *Thread through*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Auf Anfrage Zwischenlängen und Sonderausführungen. /
Intermediate lengths and special versions

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
10530AL90	SW 5.0 SW 5.0	M2.5 M2.5	T 7,0	5.0 / 8.0 / 10.0 /12.0 15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0	100
10531AL90	SW 5.5 SW 5.5	M3 M3	T 7,0	5.0 / 8.0 / 10.0 / 12.0 15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0	100
10529AL90	SW 6.0 SW 6.0	M3 M3	T 7,0	5.0 / 8.0 / 10.0 / 12.0 15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0	100
10532AL90	SW 7.0 SW 7.0	M4 M4	T 9,0	5.0 / 8.0 / 10.0 / 12.0 / 15.0 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0	100
10533AL90	SW 8.0 SW 8.0	M5 M5	T 8,0	8.0 / 10.0 / 12.0 / 15.0 18.0 / 20.0 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0	100
10534AL90	SW 10.0 SW 10.0	M6 M6	T 12,0	10.0 / 12.0 / 15.0 / 18.0 / 20.0 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0	100

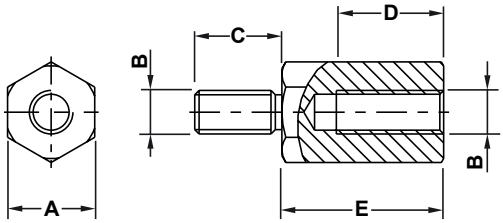
***Fügen Sie die gewünschte Länge am Ende des Codes hinzu, um zu bestellen**
Bestellbeispiel: 10530MA9205.00 für Abstandhalter 10530MA92 mit Höhe 5,0 mm

**Please add the wished lenghts to the final part of the code for your order*
Order example: 10530MA9208.00 for the 10530MA92 8,0 mm lenght spacer

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ABSTANDSHALTER I/A MESSING
SPACER I/A BRASS





- **Material: Messing 2.0401** / *Material: Brass DMS100*
- **Oberfläche : vernickelt** G3E / *Surface: nickel plating G3E*
- **Freistich: DIN 76** / *Undercut: DIN 76*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Auf Anfrage Zwischenlängen und Sonderausführungen. /
Intermediate lengths and special versions

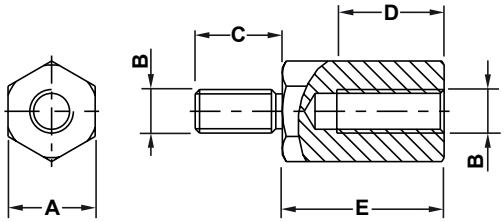
ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
	SW 4.0	M2	5,0	3,0	5.0 / 6.0	
10780MA92	SW 4.0	M2	5,0	5,0	8.0 / 10.0	100
	SW 4.0	M2	5,0	6,0	12.0 / 15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0	
	SW 4.0	M2.5	6.0	3,0	5.0 / 6.0	
10781MA92	SW 4.0	M2.5	6.0	5,0	8.0 / 10.0	100
	SW 4.0	M2.5	6.0	7,0	12.0 / 15.0 / 17.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0/ 40.0 / 45.0 / 50.0	
	SW 5.0	M2.5	6,0	3,0	5.0 / 6.0	
10782MA92	SW 5.0	M2.5	6,0	6,0	8.0 / 10.0 / 12.0	100
	SW 5.0	M2.5	6,0	10,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0 / 55.0 / 60.0	
	SW 5.0	M3	8,0	3,0	5.0 / 6.0	
10783MA92	SW 5.0	M3	8,0	6,0	8.0 / 10.0 / 12.0	100
	SW 5.0	M3	8,0	10,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0 / 55.0 / 60.0	
	SW 5.5	M3	8,0	3,0	5.0 / 6.0 / 7.0	
	SW 5.5	M3	8,0	6,0	8.0 / 9.0 / 10.0 / 11.0 / 12.0	
10784MA92	SW 5.5	M3	8,0	8,0	13.0 / 14.0	100
	SW 5.5	M3	8.0	10.0	15.0 / 16.0 / 17.0 / 18.0 / 19.0 / 20.0 / 21.0 / 22.0 / 23.0 / 24.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0 / 55.0 / 60.0	

***Fügen Sie die gewünschte Länge am Ende des Codes hinzu, um zu bestellen**
Bestellbeispiel: 10780MA9205.00 für Abstandhalter 10780MA92 mit Höhe 5,0 mm

**Please add the wished lenghts to the final part of the code for your order*
Order example: 10780MA9208.00 for the 10780MA92 8,0 mm lenght spacer

ABSTANDSHALTER I/A MESSING
SPACER I/A BRASS





- **Material: Messing 2.0401** / *Material: Brass DMS 100*
- **Oberfläche : vernickelt G3E** / *Surface: nickel plating G3E*
- **Alle Maße sind in mm.** / *All dimensions are in mm.*
- **Freistich: DIN 76** / *Undercut: DIN 76*

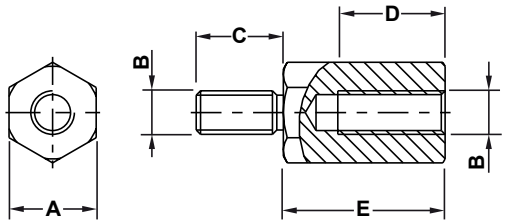
Auf Anfrage Zwischenlängen und Sonderausführungen. /
Intermediate lengths and special versions

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
	SW 6.0	M3	8,0	3,0	5.0 / 6.0	
10785MA92	SW 6.0	M3	8,0	6,0	8.0 / 10.0 / 12.0	100
	SW 6.0	M3	8,0	10,0	15.0 / 18.0 /20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 50.0 / 55.0 / 60.0	
	SW 7.0	M4	8,0	3,0	5.0 / 6.0 / 7.0 / 8.0	
	SW 7.0	M4	8,0	6,0	9.0 / 10.0 / 11.0 / 12.0	
10786MA92	SW 7.0	M4	8,0	8,0	13.0 / 14.0 / 15.0 / 16.0 / 17.0 /18.0 / 19.0	100
	SW 7.0	M4	8,0	10.0	20.0 / 21.0 / 22.0 / 23.0 / 24.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0 / 55.0 / 60.0 / 65.0 / 70.0 / 75.0 / 80.0 / 85.0 / 90.0 / 95.0	
10787MA92	SW 8.0	M5	8,0	6,0	8.0 / 10.0 / 12.0	100
	SW 8.0	M5	8,0	10,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 45.0 / 50.0 / 55.0 / 60.0	
	SW10.0	M6	10,0	6,0	10,0 / 12,0	
10788MA92	SW10.0	M6	10,0	10,0	15.0 / 18.0	100
	SW10.0	M6	10,0	12,0	20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0 / 55.0 / 60.0	

***Fügen Sie die gewünschte Länge am Ende des Codes hinzu, um zu bestellen**
Bestellbeispiel: 10785MA9205.00 für Abstandhalter 10785MA92 mit Höhe 5,0 mm
**Please add the wished lenghts to the final part of the code for your order*
Order example: 10785MA9208.00 for the 10785MA92 8,0 mm lenght spacer

ABSTANDSHALTER I/A STAHL
SPACER I/A STEEL





- **Material: Stahl 1.0718 /** *Material: Steel DMS 200*
- **Oberfläche : verzinkt** A3F/ *Surface: Zinc plated A3F*
- **Alle Maße sind in mm. /** *All dimensions are in mm.*
- **Freistich: DIN 76** / *Undercut: DIN 76*

Auf Anfrage Zwischenlängen und Sonderausführungen. /
Intermediate lengths and special versions

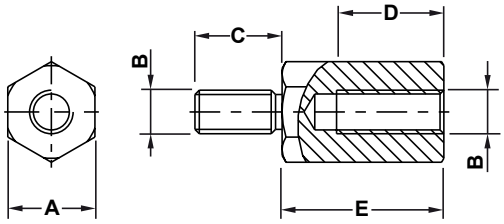
ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10813MC94	SW 4.0	M2	5,0	3,0	5.0	100
	SW 4.0	M2	5,0	6,0	8.0 / 10.0 / 12.0 / 15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0	
10814MC94	SW 4.0	M2.5	6,0	3,0	5.0	100
	SW 4.0	M2.5	6,0	6,0	8.0 / 10.0 / 12.0	
	SW 4.0	M2.5	6,0	10,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0	
10815MC94	SW 5.0	M2.5	6,0	3,0	5.0	100
	SW 5.0	M2.5	6,0	6,0	8.0 / 10.0 / 12.0	
	SW 5.0	M2.5	6,0	10,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0	
10816MC94	SW 5.0	M3	6,0	3,0	5.0	100
	SW 5.0	M3	6,0	6,0	8.0 / 10.0 / 12.0	
	SW 5.0	M3	6,0	10,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0	
10817MC94	SW 5.5	M3	6,0	3,0	5.0 / 6.0 / 7.0	100
	SW 5.5	M3	6,0	6,0	8.0 / 9.0 / 10.0 / 11.0 / 12.0	
	SW 5.5	M3	6,0	10,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0 / 60.0	
10818MC94	SW 6.0	M3	6,0	3,0	5.0	100
	SW 6.0	M3	6,0	6,0	8.0 / 9.0 / 10.0 / 11.0 / 12.0 / 13.0 / 14.0 / 15.0 / 16.0 / 17.0	
	SW 6.0	M3	6,0	10,0	18.0 / 19.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0 / 60.0	

***Fügen Sie die gewünschte Länge am Ende des Codes hinzu, um zu bestellen**
Bestellbeispiel: 10813MA9205.00 für Abstandhalter 10813MA92 mit Höhe 5,0 mm

**Please add the wished lenghts to the final part of the code for your order*
Order example: 10813MA9208.00 for the 10813MA92 8,0 mm lenght spacer

ABSTANDSHALTER I/A STAHL
SPACER I/A STEEL





- **Material: Stahl 1.0718 /** *Material: Steel DMS 200*
- **Oberfläche : verzinkt** A3F/ *Surface: Zinc plated A3F*
- **Alle Maße sind in mm. /** *All dimensions are in mm.*
- **Freistich: DIN 76** / *Undercut: DIN 76*

Auf Anfrage Zwischenlängen und Sonderausführungen. /
Intermediate lengths and special versions

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10819MC94	SW 7.0	M4	8,0	3,0	5.0 / 6,0 / 7.0	
10819MC94	SW 7.0	M4	8,0	6,0	8.0 / 9.0 / 10.0 / 11.0 / 12.0 / 13.0 / 14.0	100
10819MC94	SW 7.0	M4	8,0	10,0	15.0 / 16.0 / 17.0 / 18.0 / 19.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0 / 55.0 / 60.0 / 65.0 / 70.0	
10820MC94	SW 8.0	M4	8,0		5.0	
10820MC94	SW 8.0	M4	8,0	6,0	8.0 / 9.0 / 10.0 / 11.0 / 12.0 / 13.0 / 14.0	100
10820MC94	SW 8.0	M4	8,0	10,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0 / 55.0 / 60.0 / 65.0 / 70.0 / 75.0 / 80.0	
10821MC94	SW 8.0	M5	6,0	5,0	8.0	
10821MC94	SW 8.0	M5	6,0	6,0	10.0	
10821MC94	SW 8.0	M5	8,0	7,0	12.0	100
10821MC94	SW 8.0	M5	8,0	10,0	15.0	
10821MC94	SW 8.0	M5	10,0	10,0	18.0	
10821MC94	SW 8.0	M5	14,0	14,0	20.0	
10822MC94	SW10.0	M6	10,0	6,0	10.0 / 12.0	
10822MC94	SW10.0	M6	10,0	10,0	15.0 / 18.0 / 20.0 / 25.0 / 30.0 / 35.0 / 40.0 / 45.0 / 50.0 / 55.0 / 60.0 / 65.0 / 70.0 / 75.0 / 80.0	100

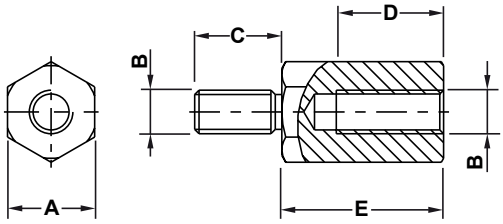
***Fügen Sie die gewünschte Länge am Ende des Codes hinzu, um zu bestellen**
Bestellbeispiel: 10819MA9205.00 für Abstandhalter 10819MA92 mit Höhe 5,0 mm

**Please add the wished lenghts to the final part of the code for your order*
Order example: 10819MA9208.00 for the 10819MA92 8,0 mm lenght spacer

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ABSTANDSBOLZEN EDELSTAHL
STAINLESS STEEL SPACERS





- **Material: Edelstahl 1.4305** */ Material: Stainless steel DMS 400*
- **Oberfläche : Blank** */ Surface: no surface*
- **Alle Maße sind in mm.** */ All dimensions are in mm.*
- **Freistich: DIN 76** */ Undercut: DIN 76*

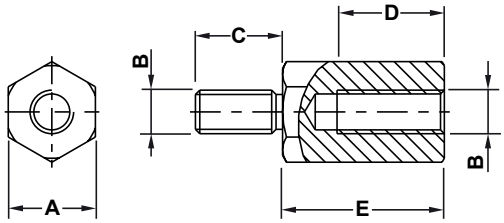
Auf Anfrage Zwischenlängen und Sonderausführungen. /
Intermediate lengths and special versions

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10826ES9008.0	**SW 5,5**	M3	6,0	6,0	8,0	100
10826ES9010.0	**SW 5,5**	M3	6,0	7,0	10,0	100
10826ES9012.0	**SW 5,5**	M3	6,0	7,0	12,0	100
10826ES9015.0	**SW 5,5**	M3	6,0	7,0	15,0	500
10826ES9018.0	**SW 5,5**	M3	6,0	7,0	18,0	100
10826ES9020.0	**SW 5,5**	M3	6,0	7,0	20,0	100
10826ES9025.0	**SW 5,5**	M3	6,0	7,0	25,0	100
10826ES9030.0	**SW 5,5**	M3	6,0	7,0	30,0	100
10827ES9008.0	**SW 7,0**	M4	8,0	6,0	8,0	100
10827ES9010.0	**SW 7,0**	M4	8,0	9,0	10,0	100
10827ES9012.0	**SW 7,0**	M4	8,0	9,0	12,0	100
10827ES9015.0	**SW 7,0**	M4	8,0	9,0	15,0	100
10827ES9018.0	**SW 7,0**	M4	8,0	9,0	18,0	100
10827ES9020.0	**SW 7,0**	M4	8,0	9,0	20,0	100
10827ES9025.0	**SW 7,0**	M4	8,0	9,0	25,0	100
10827ES9030.0	**SW 7,0**	M4	8,0	9,0	30,0	100
10828ES9008.0	**SW 8,0**	M5	8,0	6,0	8,0	100
10828ES9010.0	**SW 8,0**	M5	8,0	10,0	10,0	100
10828ES9012.0	**SW 8,0**	M5	8,0	10,0	12,0	100
10828ES9015.0	**SW 8,0**	M5	8,0	10,0	15,0	100
10828ES9018.0	**SW 8,0**	M5	8,0	10,0	18,0	100
10828ES9020.0	**SW 8,0**	M5	8,0	10,0	20,0	100
10828ES9025.0	**SW 8,0**	M5	8,0	10,0	25,0	100
10828ES9030.0	**SW 8,0**	M5	8	10	30	500

Alle Maße sind in mm / *All dimensions are in mm.*

ABSTANDSHALTER I/A ALUMINIUM
SPACER I/A ALUMINIUM





- **Material: Aluminium 3.1655**/ *Material: Aluminium 3.1655*
- **Oberfläche: Blank** / *Surface: no surface*
- **Freistich: DIN 76** / *Undercut: DIN 76*
- **Alle Maße sind in mm.** / *All dimensions are in mm.*

Auf Anfrage Zwischenlängen und Sonderausführungen. /
Intermediate lengths and special versions

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10823AL90	SW 6.0	M3	6,0	6,0	8.0	100
	SW 6.0	M3	6,0	7,0	10.0 / 12.0 / 15.0 / 18.0 / 20.0 / 25.0 / 30.0	
10824AL90	SW 7.0	M4	8,0	6,0	8.0	100
	SW 7.0	M4	8,0	9,0	10.0 / 12.0 / 15.0 / 18.0 / 20.0 / 25.0 / 30.0	
10825AL90	SW 8.0	M5	8,0	6,0	8.0	100
	SW 8,0	M5	8,0	10,0	10.0 / 12.0 / 15.0 / 18.0 / 20.0 / 25.0 / 30.0	

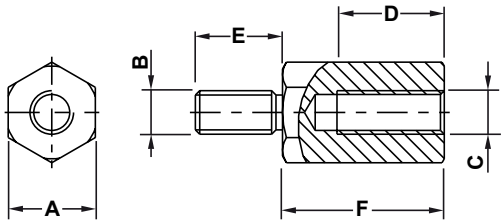
***Fügen Sie die gewünschte Länge am Ende des Codes hinzu, um zu bestellen**
Bestellbeispiel: 10823MA9205.00 für Abstandhalter 10823MA92 mit Höhe 5,0 mm

**Please add the wished lenghts to the final part of the code for your order*
Order example: 10823MA9208.00 for the 10823MA92 8,0 mm lenght spacer

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ABSTANDSHALTER D-SUB
SPACER D-SUB





- **Material: Messing 2.0401** / *Material: Brass DMS 100*
- **Oberfläche : vernickelt G3E** / *Surface: nickel plating G3E*
- **Alle Maße sind in mm.** / *All dimensions are in mm.*
- **Freistich: DIN 76** / *Undercut: DIN 76*

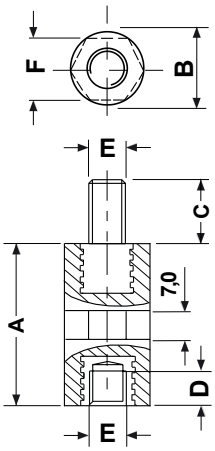
Auf Anfrage Zwischenlängen und Sonderausführungen. /
Intermediate lengths and special versions

ARTIKEL *P/N*	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
10790MA92	SW 5.0	UNC4.40	UNC4.40	3,0	4,0	5.0	100
10793MA92	SW 5.0	UNC4.40	UNC4.40	3,0	5,0	5.0	100
10796MA92	SW 5.0	UNC4.40	UNC4.40	3,0	6,0	5.0	100
10799MA92	SW 5.0	UNC4.40	UNC4.40	3,0	8,0	5.0	100
10802MA92	SW 5.0	UNC4.40	UNC4.40	3,0	10,0	5.0	100
10805MA92	SW 5.0	UNC4.40	UNC4.40	3,0	12,0	5.0	100
10808MA92	SW 5.0	UNC4.40	UNC4.40	4,0	6,0	6.0	100
10811MA92	SW 5.0	UNC4.40	UNC4.40	4,0	8,0	6.0	100
10789MA92	SW 5.0	UNC4.40	M3	3,0	4,0	5.0	100
10792MA92	SW 5.0	UNC4.40	M3	3,0	5,0	5.0	100
10795MA92	SW 5.0	UNC4.40	M3	3,0	6,0	5.0	100
10798MA92	SW 5.0	UNC4.40	M3	3,0	8,0	5.0	100
10801MA92	SW 5.0	UNC4.40	M3	3,0	10,0	5.0	100
10804MA92	SW 5.0	UNC4.40	M3	3,0	12,0	5.0	100
10807MA92	SW 5.0	UNC4.40	M3	4,0	6,0	6.0	100
10810MA92	SW 5.0	UNC4.40	M3	4,0	8,0	6.0	100
10791MA92	SW 5.0	M3	UNC4.40	3,0	4,0	5.0	100
10794MA92	SW 5.0	M3	UNC4.40	3,0	5,0	5.0	100
10797MA92	SW 5.0	M3	UNC4.40	3,0	6,0	5.0	100
10800MA92	SW 5.0	M3	UNC4.40	3,0	8,0	5.0	100
10803MA92	SW 5.0	M3	UNC4.40	3,0	10,0	5.0	100
10806MA92	SW 5.0	M3	UNC4.40	3,0	12,0	5.0	100
10809MA92	SW 5.0	M3	UNC4.40	4,0	6,0	6.0	100
10812MA92	SW 5.0	M3	UNC4.40	4,0	8,0	6.0	100

ISOLIERBOLZEN POLYSTYROL / STAHL
ISOLATION SPACER POLYSTYROL / STEEL

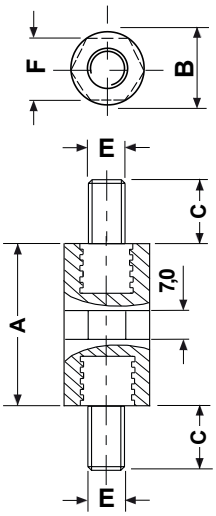
TYPE 1





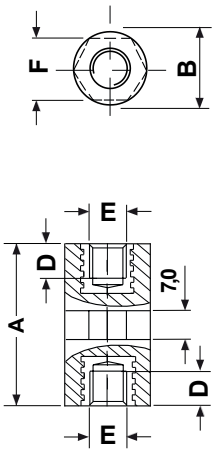
TYPE 2





TYPE 3





- **Material: Polystyrol** / *Material: Polystyrol*
- **Entflammbarkeit : HB (UL94)** / *UL Flammability: HB (UL94)*
- **Temperaturbereich /** Working temperature**: -15°C ~ + 90°C**
- **Durchschlagsfestigkeit /** *dielectric strength 50kV*
- **Gewindeeinsätze: Stahl verzinkt**/*Thread inserts:Steel zink plated*
- **Alle Maße sind in mm.** / *All dimensions are in mm.*
- **Farbe: Grau** / *Colour: Gray*

ARTIKEL *P/N*	TYPE	A +/- 0,5	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
10481DA11	1	15,0 / 20,0 / 25,0 / 30,0 / 40,0 / 55,0	7,0	7,0	7,0	M3	6,0	100
10482DA11	2	15,0 / 20,0 / 25,0 / 30,0 / 40,0 / 55,0	7,0	7,0	-	M3	6,0	100
10483DA11	3	15,0 / 20,0 / 25,0 / 30,0 / 40,0 / 55,0	7,0	-	7,0	M3	6,0	100
10484DA11	1	35,0 / 45,0 / 50,0 / 65,0 / 70,0 / 75,0 / 80,0 / 85,0	10,0	7,0	7,0	M4	9,0	100
10485DA11	2	15,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0 / 55,0 / 60,0 / 65,0 / 70,0 / 75,0 / 80,0 / 85,0 / 90,0	10,0	7,0	-	M4	9,0	100
10486DA11	3	25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0 / 55,0 / 60,0 / 65,0 / 70,0 / 75,0 / 80,0 / 85,0 / 90	10,0	-	7,0	M4	9,0	100

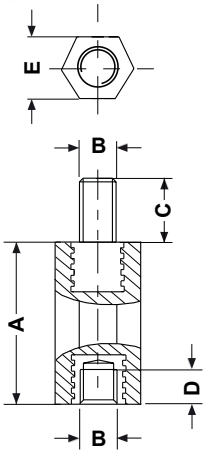
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. / *Please add the wished lenghts to the final part of the code for your order.*
Beispielbestellung: 10481DA1115.0 für den Abstandshalter 10481DA11 mit Länge 15,0 mm. / *Order example: 10481DA1115.0 for the 10481DA11- 15,0 mm. lenght spacer.*

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ISOLIERBOLZEN POLYSTYROL / STAHL
ISOLATION SPACER POLYSTYROL / STEEL

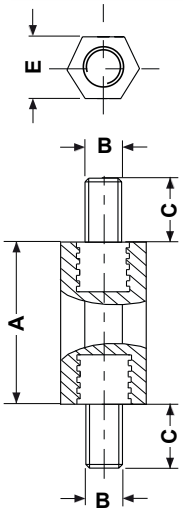
TYPE 1





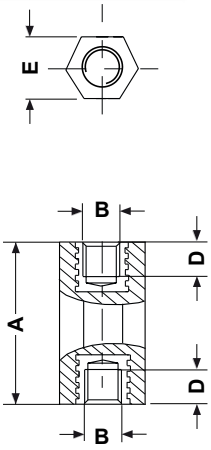
TYPE 2





TYPE 3



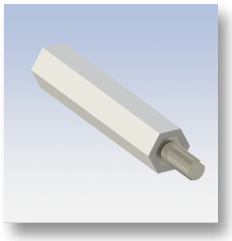


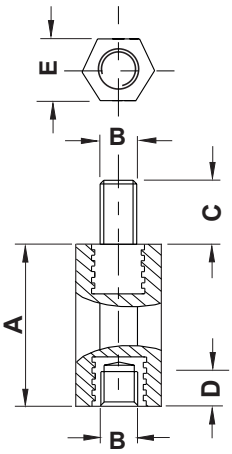
- **Material: Polystyrol /** *Material: Polystyrol*
- **Entflammbarkeit : HB (UL94)** / *UL Flammability: HB (UL94)*
- **Temperaturbereich /** Working temperature**: -15°C ~ + 90°C**
- **Durchschlagsfestigkeit /** *dielectric strength 50kV*
- **Gewindeeinsätze: Stahl verzinkt** */ thread inserts:Steel zink plated*
- **Alle Maße sind in mm. /** *All dimensions are in mm.*
- **Farbe: Grau** */ Colour: Gray*

ARTIKEL *P/N*	TYPE	A +/- 0,5	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10487DA11	1	15,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0 / 55,0 / 60,0 / 65,0 70,0 / 75,0 / 80,0 / 85,0 / 90,0 / 100,0 / 105,0 / 115,0 / 120,0	M5	7,0	7,0	13,0	100
10488DA11	2	15,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0 / 55,0 / 60,0 / 65,0 70,0 / 75,0 / 80,0 / 85,0 / 90,0 / 100,0 / 105,0 / 110,0 / 115,0 / 120,0	M5	7,0	-	13,0	100
10489DA11	3	20,0 / 25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0 / 55,0 / 60,0 / 65,0 70,0 / 75,0 / 80,0 / 85,0 / 90,0 / 100,0 / 105,0 / 110,0 / 115,0 / 120,0	M5	-	7,0	13,0	100
10490DA11	1	15,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0 / 55,0 / 60,0 / 65,0 70,0 / 75,0 / 80,0 / 85,0 / 90,0 / 95,0 / 100,0 / 105,0 / 110,0 / 115,0 / 120,0	M6	7,0	7,0	13,0	100
10491DA11	2	15,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0 / 55,0 / 60,0 / 65,0 70,0 / 75,0 / 80,0 / 85,0 / 90,0 / 95 / 100,0 / 105,0 / 110,0 / 115,0 / 120,0	M6	7,0	-	13,0	100
10492DA11	3	20,0 / 25,0 / 30,0 / 40,0 / 45,0 / 50,0 / 55,0 / 60,0 / 65,0 70,0 / 75,0 / 80,0 / 85,0 / 90,0 / 95,0 / 100,0 / 105,0 / 110,0 / 115,0 / 120,0	M6	-	7,0	13,0	100

Andere Sonderlängen auf Anfrage. */ Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. */ Please add the wished lenghts to the final part of the code for your order.*
Beispielbestellung: 10487DA1115.0 für den Abstandshalter 10487DA11 mit Länge 15,0 mm. / *Order example: 10487DA1115.0 for the 10487DA11-15,0 mm. lenght spacer.*

ISOLIERBOLZEN POLYAMID / MESSING
ISOLATION SPACER NYLON / BRASS





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / Working temperature**: -25°C ~ + 85°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Gewindeeinsätze: Messing vern.** / *thread inserts: Brass nickel plated*
- ***Gewindeeinsätze: Messing blank** / *thread inserts: Brass no surface*
- **Alle Maße sind in mm.** / *All dimensions are in mm.*
- **7615AA0220.0 und 7615AA0225.0: Farbe Natur** / *7615AA0220.0 and 7615AA0225.0: Color natural*

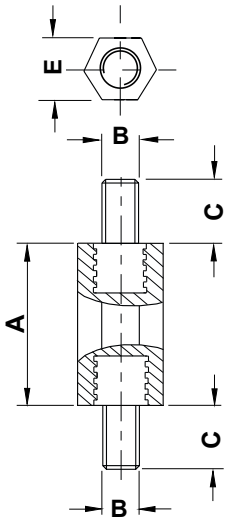
ARTIKEL *P/N*	**A**$_{+/- 0,2}$	**B**	**C**	**D**	**E**	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
10493AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M2.5	6,0	6,0	6,0	**Weiß** / White	100
7614AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M3	8,0	6,0	6,0	**Weiß** / White	100
7615AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M4	8,0	6,0	8,0	**Weiß** / White	100
10496AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M5	10,0	6,0	10,0	**Weiß** / White	100
10497AA00*	25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0	M6	12,0	10,0	13,0	**Natur** / Natural	100
10498AA00*	25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0	M8	14,0	10,0	15,0	**Natur** / Natural	100

Andere Sonderlängen auf Anfrage. / *Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. / *Please add the wished lenghts to the final part of the code for your order.*
Beispielbestellung: 10493AA0015.0 für den Abstandshalter 10493AA00 mit Länge 15,0 mm. / *Order example: 10493AA0015.0 for the 10493AA00 -15,0 mm. lenght spacer.*

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ISOLIERBOLZEN POLYAMID / MESSING
ISOLATION SPACER NYLON / BRASS





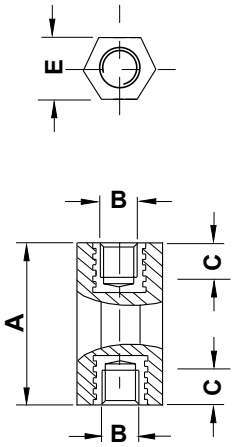
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -25°C ~ + 85°C**
- **Farbe: Natur** / *Colour: Natural*
- **Gewindeeinsätze: Messing vern.** / *thread inserts: Brass nickel plated*
- ***Gewindeeinsätze: Messing blank** / *thread inserts: Brass no surface*
- **Alle Maße sind in mm. /** *All dimensions are in mm.*

ARTIKEL *P/N*	**A**$_{+/- 0,2}$	**B**	**C**	**E**	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
10499AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M2.5	6,0	6,0	**Weiß** / White	100
10500AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M3	6,0	6,0	**Weiß** / White	100
10501AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M4	8,0	8,0	**Weiß** / White	100
10502AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M5	10,0	10,0	**Weiß** / White	100
10503AA00*	25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0	M6	12,0	13,0	**Natur** / Natural	100
10504AA00*	25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0	M8	14,0	15,0	**Natur** / Natural	100

Andere Sonderlängen auf Anfrage. / *Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. / *Please add the wished lenghts to the final part of the code for your order.*
Beispielbestellung: 10499AA0015.00 für den Abstandshalter 10499AA00 mit Länge 15,0 mm. / *Order example: 10499AA0015.0 for the 10499AA00 -15,0 mm. lenght spacer.*

ISOLIERBOLZEN POLYAMID / MESSING
ISOLATION SPACER NYLON / BRASS





- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -25°C ~ + 85°C**
- **Farbe: Siehe Tabelle** / *Colour: see Table*
- **Gewindeeinsätze: Messing vern.** / *thread inserts: Brass nickel plated*
- ***Gewindeeinsätze: Messing blank** / *thread inserts: Brass no surface*
- **Alle Maße sind in mm. /** *All dimensions are in mm.*

ARTIKEL *P/N*	**$A_{+/- 0,2}$**	**B**	**C**	**E**	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
10535AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M2.5	6,0	6,0	**Weiß /** White	100
10536AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M3	6,0	6,0	**Weiß /** White	100
10537AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M4	6,0	8,0	**Weiß /** White	100
10538AA02	15,0 / 18,0 / 20,0 / 25,0 / 30,0 / 35,0 / 40,0	M5	6,0	10,0	**Weiß /** White	100
10539AA00*	25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0	M6	10,0	13,0	**Natur /** Natural	100
10540AA00*	25,0 / 30,0 / 35,0 / 40,0 / 45,0 / 50,0	M8	10,0	15,0	**Natur /** Natural	100

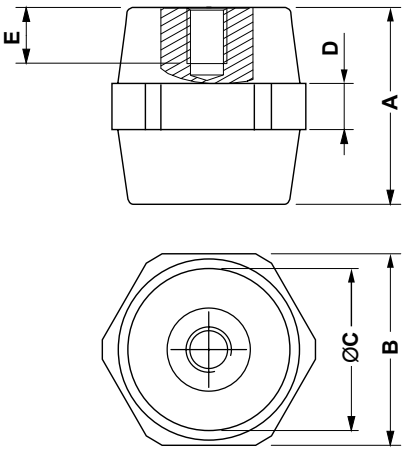
Andere Sonderlängen auf Anfrage. / *Intermediated lenghts and special version upon request.*
Bei der Bestellung des Artikels, bitte die gewünschte Länge am Ende der Artikelbezeichnung hinzufügen. / *Please add the wished lenghts to the final part of the code for your order.*
Beispielbestellung: 10535AA0015.0 für den Abstandshalter 10535AA00 mit Länge 15,0 mm. / *Order example: 10535AA0015.0 for the 10535AA00 - 15,0 mm. lenght spacer.*

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ABSTANDSHALTER ISOLATOR
HEXAGONAL STANDOFF INSULATOR







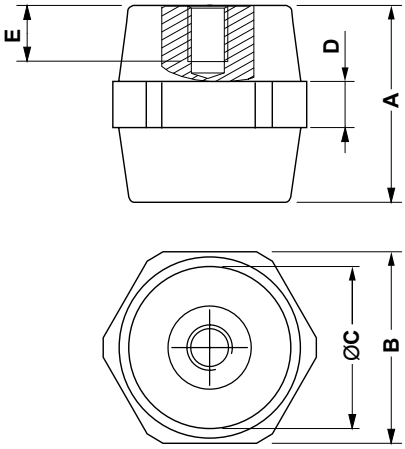
- **Material** / *Material:*
  - Gewindeeinsätze/ *Thread Insert:*
  Stahl verzinkt / *Steel with Zn coating*
  Material / *Material:*
  - Isolierkörper / *isolation Body:*
  Polyesterharz 15%GF / Polyester resin 15% GF
- **Farbe: Rot** / *Colour: Red*
- **Temperaturbereich** / *Working temperature:* **40°C ~ +130°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Alle Maße sind in mm.** / *All dimensions are in mm*

ARTIKEL *P/N*	Gewinde *Size*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
22780PT04	M4	16,0	15,0	12,0	4,0	4,0		1.000
22781PT04	M4	20,0	19,0	16,0	5,0	6,0		750
22782PT04	M4	25,0	22,0	18,0	6,0	7,0		600
22800PT04	M5	16,0	15,0	12,0	4,0	4,0		1.500
22801PT04	M5	20,0	19,0	16,0	5,0	6,0		750
22802PT04	M5	25,0	19,0	15,0	5,0	6,0		750
22806PT04	M5	25,0	22,0	18,0	6,0	7,0		600
22821PT04	M6	20,0	19,0	16,0	5,0	6,0		750
22822PT04	M6	25,0	19,0	15,0	5,0	6,0		600
22823PT04	M6	25,0	22,0	18,0	6,0	7,0		400
22825PT04	M6	30,0	30,0	25,0	7,0	9,0		200
22827PT04	M6	35,0	32,0	28,5	10,0	9,0		320
22829PT04	M6	50,0	36,0	29,0	12,0	15,0		240
22865PT04	M8	25,0	25,0	21,0	7,0	9,0		600

ABSTANDSHALTER ISOLATOR
STANDOFF INSULATOR







- **Material** / *Material:*
  - Gewindeeinsätze/ *Thread Insert:*
  Stahl verzinkt / *Steel with Zn coating*
  Material / *Material:*
  - Isolierkörper / *isolation Body:*
  Polyesterharz 15%GF / Polyester resin 15% GF
- **Farbe: Rot** / *Colour: Red*
- **Temperaturbereich** / *Working temperature:* **40°C ~ +130°C**
- **Entflammbarkeit:** / *UL Flammability:* **V0 (UL94)**
- **Alle Maße sind in mm.** / *All dimensions are in mm*

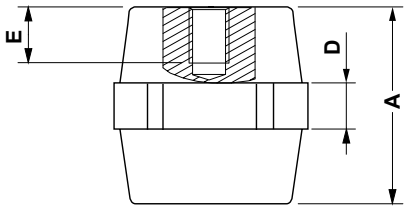
ARTIKEL *P/N*	Gewinde *Size*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19332PT04	M8	30,0	30,0	26,0	-	8,0		80
19333PT04	M8	35,5	41,0	35,0	-	10,0		36
19334PT04	M8	40,0	46,0	40,0	-	13,0		24
19335PT04	M8	45,0	41,0	35,0	-	12,0		27
19336PT04	M8	51,0	36,0	29,0	-	12,0		36
22875PT04	M8	50,0	50,0	45,0	15,0	15,0		120
19337PT04	M8	60,0	55,0	46,0	-	14,0		12
19338PT04	M8	76,0	50,0	36,0	-	17,0		12
22880PT04	M10	30,0	30,0	25,0	7,0	9,0		400
22881PT04	M10	30,0	40,0	33,5	8,0	9,0		400
22882PT04	M10	35,0	32,0	28,5	10,0	10,0		320
19339PT04	M10	35,5	41,0	35,0	-	10,0		36
19340PT04	M10	40,0	46,0	40,0	-	12,0		24
19341PT04	M10	45,0	41,0	35,0	-	14,0		27

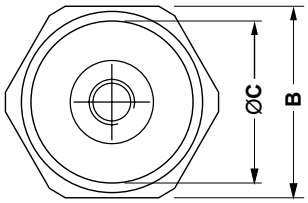
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ABSTANDSHALTER ISOLATOR
STANDOFF INSULATOR









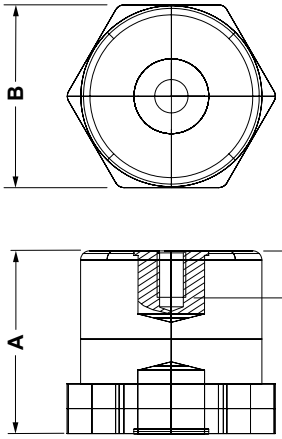
- **Material /** *Material:*
  - Gewindeeinsätze/ *Thread Insert:*
  Stahl verzinkt / *Steel with Zn coating*
  Material / *Material:*
  - Isolierkörper / *isolation Body:*
  Polyesterharz 15%GF / Polyester resin 15% GF
- **Farbe: Rot** / *Colour: Red*
- **Temperaturbereich** / *Working temperature:*
  40°C ~ +130°C
- **Entflammbarkeit:** / *UL Flammability:* **V0(UL94)**
- **Alle Maße sind in mm.** / *All dimensions are in mm*

ARTIKEL *P/N*	Gewinde *Size*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19342PT04	M10	51,0	36,0	29,0	-	13,0		36
22889PT04	M10	50,0	46,0	37,0	10,0	15,0		200
22890PT04	M10	50,0	50,0	45,0	15,0	15,0		120
19343PT04	M10	60,0	55,0	46,0	-	16,0		12
19344PT04	M10	70,0	65,0	52,0	-	16,0		8
19345PT04	M10	76,0	36,0	50,0	-	16,0		12
19346PT04	M12	40,0	46,0	40,0	-	12,0		24
19347PT04	M12	45,0	41,0	35,0	-	12,0		27
19348PT04	M12	51,0	36,0	29,0	-	12,0		12
19349PT04	M12	70,0	65,0	52,0	-	16,0		8
19350PT04	M12	76,0	50,0	36,0	-	17,0		12
22910PT04	M16	70,0	60,0	52,0	14,0	20,0		80

ABSTANDSHALTER ISOLATOR
SEP STANDOFF INSULATOR (HEX)







- **Material** / *Material:*
  - Gewindeeinsätze/ *Thread Insert:*
  Stahl verzinkt / *Steel with Zn coating*
  Material / *Material:*
  - Isolierkörper / *isolation Body:*
  Polyesterharz 15%GF / Polyester resin 15% GF
- **Farbe: Rot** / *Colour: Red*
- **Temperaturbereich** / *Working temperature:*
  40°C ~ +140°C
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Alle Maße sind in mm.** / *All dimensions are in mm*

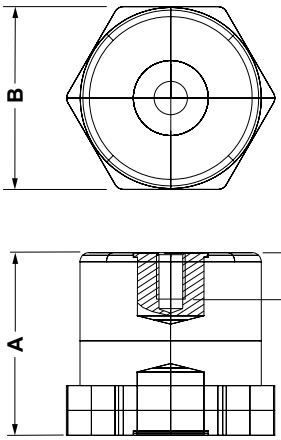
ARTIKEL *P/N*	Gewinde *Size*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
22920PT04	M5	20,0	20,0	6,0		750
22921PT04	M5	25,0	20,0	9,0		600
22922PT04	M5	30,0	20,0	10,0		600
22923PT04	M5	40,0	20,0	10,0		600
22924PT04	M5	50,0	20,0	10,0		600
22925PT04	M6	20,0	20,0	6,0		750
22926PT04	M6	25,0	20,0	9,0		600
22927PT04	M6	30,0	20,0	10,0		500
22928PT04	M6	40,0	20,0	11,5		300
22929PT04	M6	50,0	20,0	11,5		300
22940PT04	M6	30,0	30,0	11,5		300
22941PT04	M6	35,0	30,0	11,5		300
22942PT04	M6	40,0	30,0	11,5		300
22943PT04	M6	50,0	30,0	11,5		300
22944PT04	M6	60,0	30,0	11,5		300
22945PT04	M6	65,0	30,0	11,5		300
22946PT04	M8	30,0	30,0	10,0		500
22947PT04	M8	35,0	30,0	10,0		320

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ABSTANDSHALTER ISOLATOR
SEP STANDOFF INSULATOR (HEX)







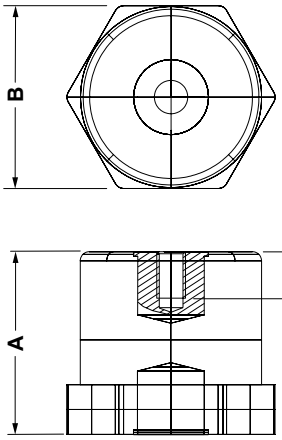
- **Material** / *Material:*
  - Gewindeeinsätze/ *Thread Insert:*
  Messing / *Brass*
  Material / *Material:*
  - Isolierkörper / *isolation Body:*
  Polyesterharz 15%GF / Polyester resin 15% GF
- **Farbe: Rot** / *Colour: Red*
- **Temperaturbereich** / *Working temperature:* **40°C ~ +140°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Alle Maße sind in mm.** / *All dimensions are in mm*

ARTIKEL *P/N*	Gewinde *Size*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
22948PT04	M8	40,0	30,0	13,0		500
22949PT04	M8	50,0	30,0	13,0		300
22950PT04	M8	60,0	30,0	13,0		300
22951PT04	M8	65,0	30,0	13,0		300
22955PT04	M10	45,0	33,0	13,0		300
22960PT04	M8	30,0	40,0	10,0		300
22961PT04	M8	35,0	40,0	10,0		300
22962PT04	M8	40,0	40,0	13,0		240
22963PT04	M8	50,0	50,0	13,0		160
22964PT04	M8	60,0	40,0	13,0		300
22965PT04	M8	70,0	41,0	13,0		300
22966PT04	M10	30,0	40,0	10,0		300
22967PT04	M10	35,0	40,0	10,0		300
22968PT04	M10	40,0	40,0	13,0		300
22969PT04	M10	50,0	40,0	13,0		300
22970PT04	M10	60,0	40,0	13,0		300
22971PT04	M10	70,0	40,0	13,0		200

ABSTANDSHALTER ISOLATOR
SEP STANDOFF INSULATOR (HEX)





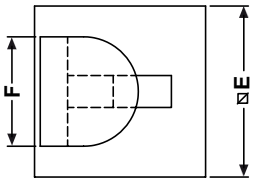


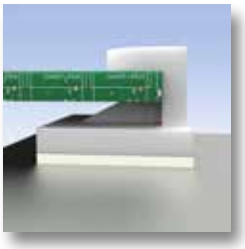
- **Material** / *Material:*
  - Gewindeeinsätze/ *Thread Insert:*
  Stahl verzinkt / *Steel with Zn coating*
  Material / *Material:*
  - Isolierkörper / *isolation Body:*
  Polyesterharz 15%GF / Polyester resin 15% GF
- **Farbe: Rot** / *Colour: Red*
- **Temperaturbereich** / *Working temperature:*
  40°C ~ +140°C
- **Entflammbarkeit** / *UL Flammability: HB (UL94)*
- **Alle Maße sind in mm.** / *All dimensions are in mm*

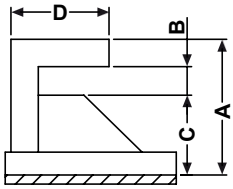
ARTIKEL *P/N*	Gewinde *Size*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
22975PT04	M12	40,0	60,0	15,0		300
22976PT04	M12	50,0	60,0	15,0		300
22977PT04	M12	60,0	60,0	15,0		300
22978PT04	M12	70,0	60,0	15,0		200
22979PT04	M12	80,0	60,0	15,0		200
22985PT04	M16	40,0	60,0	**Gewindetiefe 18/22/25mm** / *Thread depth. 18/22/25mm*		300
22986PT04	M16	50,0	60,0	**Gewindetiefe 18/22/25mm** / *Thread depth. 18/22/25mm*		300
22987PT04	M16	60,0	60,0	**Gewindetiefe 18/22/25mm** / *Thread depth. 18/22/25mm*		300
22988PT04	M16	70,0	60,0	**Gewindetiefe 18/22/25mm** / *Thread depth. 18/22/25mm*		300
22989PT04	M16	80,0	60,0	**Gewindetiefe 18/22/25mm** / *Thread depth. 18/22/25mm*		300

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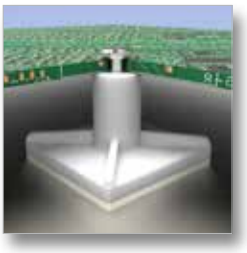


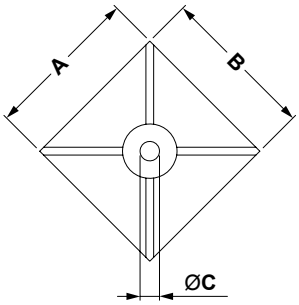
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

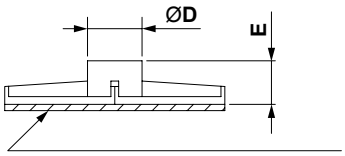
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	**A**	B	C	D	E	**F**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
11441AA00AS05.1	10,4	2,6	5,1	8,4	15,0	9,5		1.000
11441AA00AS07.1	11,9	2,4	7,0	8,4	15,0	9,5		1.000
11441AA00AS09.1	14,1	2,5	9,1	8,4	15,0	9,5		1.000
11441AA00AS10.0	15,0	2,5	10,0	8,4	15,0	9,5		1.000
11441AA00AS11.1	16,1	2,5	11,1	8,4	15,0	9,5		1.000







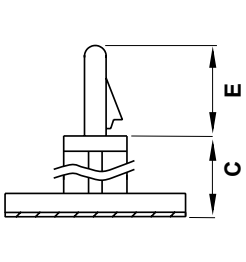


STÄRKE / *THICKNESS* **0.9mm**

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12360AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	4,2		500
12361AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	5,6		500
8297AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	6.2		500
12362AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	7,2		500
12363AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	8,2		500
12364AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	10,0		500
12365AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	11,9		500
12366AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	13,6		500
12367AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	16,3		500
8498AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	15,1		500
12368AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	18,3		500
12369AA00AS	20,0	20,0	Ø 2,5	Ø 7,0	27,6		500





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

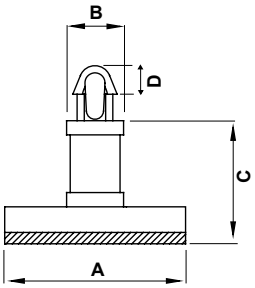
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**
  3M Klebeband / *3M Adhesive*:
  Geschlossener PE Schaum mit Acrylat Klebstoff
  Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	A	B	**C**	E	**Bohrung Oben** *Top Hole*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs*
6012AA00AS	12,5 x 12,5	4,3	**4,8**	8,7	Ø 3,2	1,6	1.000
6013AA00AS	12,5 x 12,5	4,3	**6,4**	8,7	Ø 3,2	1,6	1.000
8136AA00AS	12,5 x 12,5	4,3	**7,9**	8,7	Ø 3,2	1,6	1.000
6014AA00AS	12,5 x 12,5	4,3	**8,4**	8,7	Ø 3,2	1,6	1.000
8137AA00AS	12,5 x 12,5	4,3	**9,5**	8,7	Ø 3,2	1,6	1.000
8138AA00AS	12,5 x 12,5	4,3	**11,4**	8,7	Ø 3,2	1,6	1.000
8139AA00AS	12,5 x 12,5	4,3	**12,7**	8,7	Ø 3,2	1,6	1.000
6015AA00AS	12,5 x 12,5	4,3	**15,9**	8,7	Ø 3,2	1,6	1.000
6166AA00AS	20 X 20	Ø 7,0	**5,5**	10,0	Ø 4,0	1,2 - 1,7	1.000
6167AA00AS	20 X 20	Ø 7,0	**6,7**	10,0	Ø 4,0	1,2 - 1,7	500
6168AA00AS	20 X 20	Ø 7,0	**8,2**	10,0	Ø 4,0	1,2 - 1,7	1.000
6169AA00AS	20 X 20	Ø 7,0	**10,0**	10,0	Ø 4,0	1,2 - 1,7	1.000
6170AA00AS	20 X 20	Ø 7,0	**13,2**	10,0	Ø 4,0	1,2 - 1,7	1.000
6171AA00AS	20 X 20	Ø 7,0	**16,2**	10,0	Ø 4,0	1,2 - 1,7	1.000

SELBSTKLEBENDE ABSTANDSHALTER
SELF ADHESIVE P.C.B. SPACERS

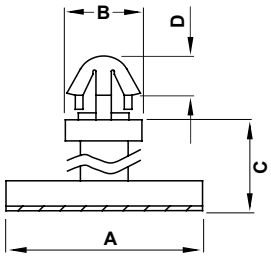


TYPE 1





TYPE 2

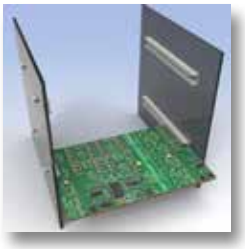


- **Material: PA 6.6** */ Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** / Working temperature**: -20°C ~ +80°C**

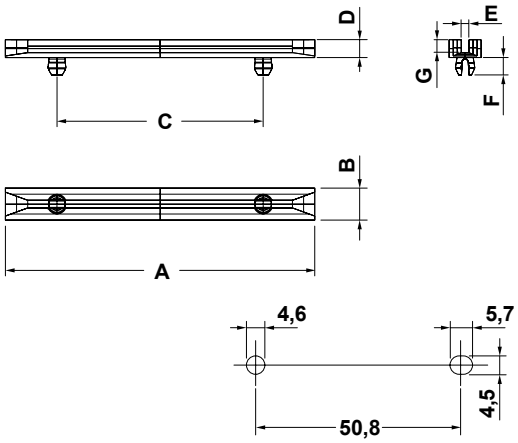
3M Klebeband */ 3M Adhesive*:
Geschlossener PE Schaum mit Acrylat Klebstoff
Close cell PE Foam with Acylic adhesive

ARTIKEL *P/N*	**TYPE**	A	B	**C**	D	**Bohrung Oben** *Top Hole*	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs*
6367AA00AS	1	⍁ 12,7	Ø 4,4	**4,8**	4,0	Ø 2,5	1,6	1.000
6368AA00AS	1	⍁ 12,7	Ø 4,4	**6,4**	5,6	Ø 2,5	1,6	1.000
6369AA00AS	1	⍁ 12,7	Ø 4,4	**8,0**	7,2	Ø 2,5	1,6	1.000
6370AA00AS	1	⍁ 12,7	Ø 4,4	**9,5**	8,7	Ø 2,5	1,6	1.000
6371AA00AS	1	⍁ 12,7	Ø 4,4	**11,1**	10,3	Ø 2,5	1,6	1.000
6372AA00AS	1	⍁ 12,7	Ø 4,4	**12,7**	11,9	Ø 2,5	1,6	1.000
6373AA00AS	1	⍁ 12,7	Ø 4,4	**15,9**	15,1	Ø 2,5	1,6	1.000
6374AA00AS	1	⍁ 12,7	Ø 4,4	**19,1**	18,3	Ø 2,5	1,6	1.000
6375AA00AS	2	⍁ 14	Ø 5,0	**3,5**	2,8	Ø 3,5	1,2 - 1,6	1.000
6376AA00AS	2	⍁ 14	Ø 5,0	**4,8**	2,8	Ø 3,5	1,2 - 1,6	1.000
6377AA00AS	2	⍁ 14	Ø 5,0	**6,4**	2,8	Ø 3,5	1,2 - 1,6	1.000
6378AA00AS	2	⍁ 14	Ø 5,0	**8,0**	2,8	Ø 3,5	1,2 - 1,6	1.000
6379AA00AS	2	⍁ 14	Ø 5,0	**10,0**	2,8	Ø 3,5	1,2 - 1,6	1.000
6380AA00AS	2	⍁ 14	Ø 5,0	**12,7**	2,8	Ø 3,5	1,2 - 1,6	1.000

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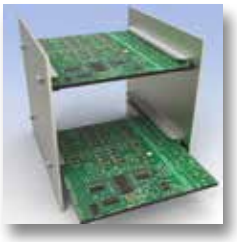




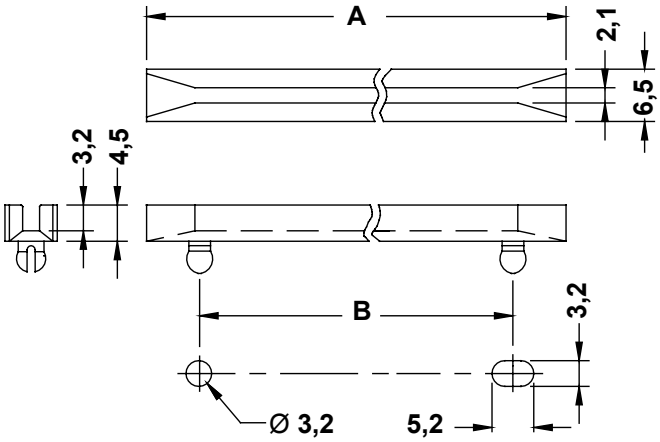
MONTAGEBOHRUNG
MOUNTING HOLE

- **Material: PA 6.6** */ Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** */ Colour: Natural*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Auf Anfrage: UL94 V0** */ special request only* **UL94 V0**

ARTIKEL *P/N*	**A**	B	C	D	E	**F**	**G**	**Materialstärke** *Panel Thickness*	**VPE-Stckz.** *Moq-Pcs*
11619AA00	76,2	7,9	50,8	4,4	1,9	4,3	3,2	1,2 - 2,3	1.000







- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **Auf Anfrage: UL94 V0** / *special request only* **UL94 V0**

ARTIKEL *P/N*	A	B	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11069AA00	63,5	50,8		300
11070AA00	76,2	63,5		300
11071AA00	88,9	76,2		200
11072AA00	101,6	88,9		200
11073AA00	114,3	101,6		300
11074AA00	127,0	114,3		200
11075AA00	139,7	127,0		200
11076AA00	152,4	139,7		200

20

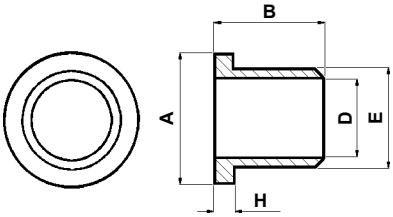


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LED-Abstandshalter & LED Fassungen | *LED Accessories*

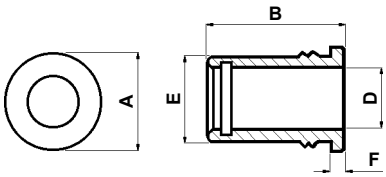
TYPE 1





TYPE 2

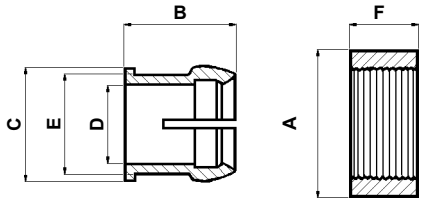




TYPE 3



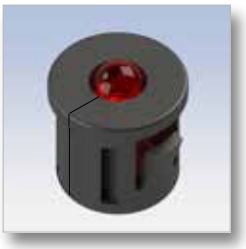


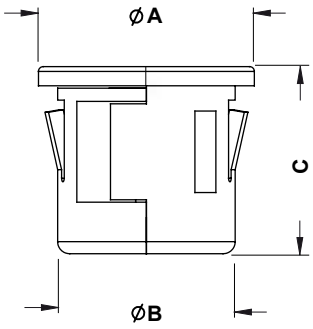


- **Material: siehe Tabelle** / *Material: see Table*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturebereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
3008AA01	1	8,0	6,5	-	5,0	6,0	1,0	**PA 6.6**	1.000
3009AB01	2	8,5	12,0	-	5,0	7,0	1,0	**PA 6.6 CV 20%**	1.000
3007AA01	3	9,3	6,7	7,7	5,1	6,3	4,2	**PA 6.6**	1.000

LED HALTER GETEILT & VERRASTBAR
LED HOLDER SPLITED



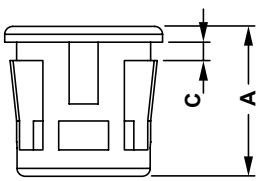


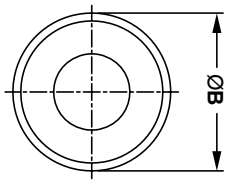
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz /** Colour: Black
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10586AA01	9,0	7,4	7,8	Ø 7,5	0,6 - 0,8	3mm LED / 3 Pin	1.000
10587AA01	9,0	7,4	7,8	Ø 7,5	0,8 - 1,0	3mm LED / 3 Pin	1.000
10588AA01	7,2	6,3	6,8	Ø 6,4	0,6 - 1,0	3mm LED / 2 Pin	1.000
10589AA01	7,2	6,3	6,8	Ø 6,4	0,9 - 1,1	3mm LED / 2 Pin	1.000
10590AA01	10,5	8,8	10,9	Ø 9,0	0,6 - 0,8	5mm LED / 3 Pin	1.000
10591AA01	10,5	8,8	10,9	Ø 9,0	0,8 - 1,0	5mm LED / 3 Pin	1.000
10592AA01	9,0	7,4	9,5	Ø 7,5	0,6 - 0,8	5mm LED / 2 Pin	1.000
10593AA01	9,0	7,4	9,5	Ø 7,5	0,8 - 1,0	5mm LED / 2 Pin	1.000
10594AA01	9,0	7,4	9,5	Ø 7,5	1,2 - 1,5	5mm LED / 2 Pin	1.000









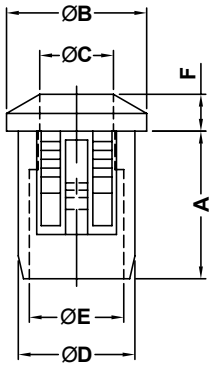
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar /** *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11509AA01	5,7	6,0	0,7	Ø5,2	0,6	1.000

LED HALTER
LED HOLDER







- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

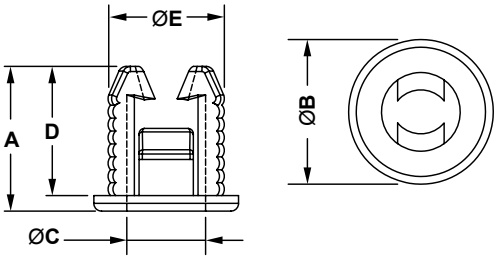
ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
5919AA01	10,0	9,5	4,9	7,9	6,4	2,5	Ø 8,0	1,2 - 3,0	1.000

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LED HALTER
LED HOLDER





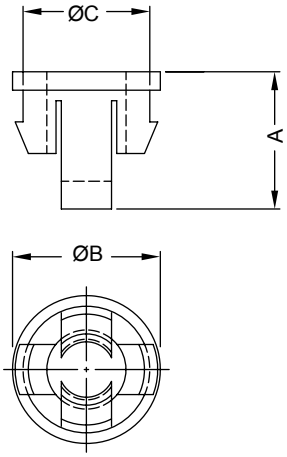


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11499AA01	7,1	7,8	5,0	6,4	6,4	Ø6,5	0,6 - 1,2	1.000
11500AA01	7,1	7,8	5,0	-	6,3	Ø6,4	0,6 - 1,0	1.000
11497AA01	5,6	5,6	3,1	5,0	4,4	Ø4,5	0,8 - 1,2	1.000
11508AA01	5,6	5,5	-	5,1	4,4	Ø4,5	1,6	1.000
11504AA01	5,8	5,5	3,0	-	4,4	Ø4,5	1,0	1.000
11501AA01	8,0	7,8	5,1	5,0	6,9	Ø7,0	0,8 - 1,4	1.000
11502AA01	8,0	7,8	5,1	5,0	6,9	Ø7,0	0,8	1.000







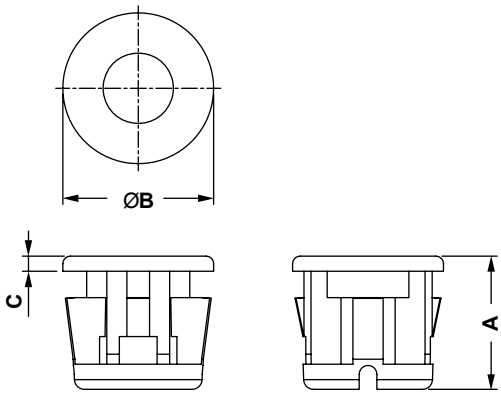
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11505AA01	5,2	5,6	4,8	Ø5,0	1,0 - 1,1	1.000
11503AA01	6,9	7,8	5,1	Ø6,0	-	1.000







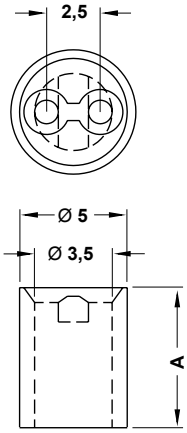
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**

- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11507AA01	5,3	6,0	0,6	Ø5,2	0,8 - 1,0	1.000

LED - ABSTANDSHALTER 5MM
LED SPACER SUPPORT





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

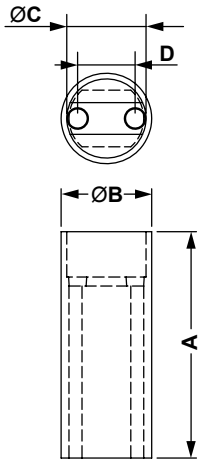
ARTIKEL *P/N*	A	**VPE-Stckz.** *Moq-Pcs*
6586AA00	1,5	2.000
6587AA00	2,0	2.000
6588AA00	2,5	2.000
6589AA00	3,0	2.000
6590AA00	3,5	2.000
6352AA00	4,0	2.000
6591AA00	4,5	2.000
6592AA00	5,0	2.000
6593AA00	5,5	2.000
6594AA00	6,0	2.000
6175AA00	6,5	2.000
6595AA00	7,0	2.000
6596AA00	7,5	2.000
6597AA00	8,0	2.000
6598AA00	8,5	2.000
6599AA00	9,0	2.000
6176AA00	9,5	2.000
6601AA00	10,0	2.000
6602AA00	10,5	2.000
6603AA00	11,0	2.000
6604AA00	11,5	2.000
6605AA00	12,0	2.000
6177AA00	12,5	2.000
6606AA00	13,0	2.000

ARTIKEL *P/N*	A	**VPE-Stckz.** *Moq-Pcs*
6607AA00	13,5	2.000
6608AA00	14,0	1.000
6609AA00	14,5	1.000
6610AA00	15,0	1.000
6611AA00	15,5	1.000
6178AA00	16,0	1.000
6612AA00	16,5	1.000
6613AA00	17,0	1.000
6614AA00	17,5	1.000
6615AA00	18,0	1.000
6616AA00	18,5	1.000
6179AA00	19,0	1.000
6617AA00	19,5	1.000
6618AA00	20,0	1.000
6619AA00	20,5	1.000
6620AA00	21,0	1.000
6621AA00	21,5	1.000
6622AA00	22,0	1.000
6623AA00	22,5	1.000
6624AA00	23,0	1.000
6625AA00	23,5	1.000
6626AA00	24,0	1.000

LED - ABSTANDSHALTER 3MM
LED SPACER SUPPORT







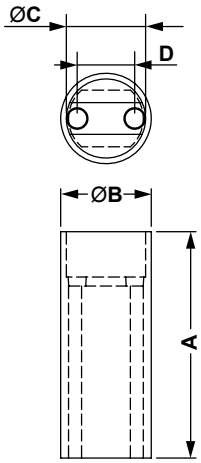
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
11490AA0003.0	3,0	4,0	3,5	2,5	2.000
11490AA0004.0	4,0	4,0	3,5	2,5	2.000
11490AA0004.5	4,5	4,0	3,5	2,5	2.000
11490AA0005.0	5,0	4,0	3,5	2,5	2.000
11490AA0005.5	5,5	4,0	3,5	2,5	2.000
11490AA0006.0	6,0	4,0	3,5	2,5	2.000
11490AA0006.5	6,5	4,0	3,5	2,5	2.000
11490AA0007.0	7,0	4,0	3,5	2,5	2.000
11490AA0007.5	7,5	4,0	3,5	2,5	2.000
11490AA0008.0	8,0	4,0	3,5	2,5	2.000
11490AA0008.5	8,5	4,0	3,5	2,5	2.000
11490AA0009.0	9,0	4,0	3,5	2,5	2.000
11490AA0009.5	9,5	4,0	3,5	2,5	2.000
11490AA0010.0	10,0	4,0	3,5	2,5	2.000
11490AA0011.0	11,0	4,0	3,5	2,5	2.000
11490AA0011.5	11,5	4,0	3,5	2,5	2.000
11490AA0012.0	12,0	4,0	3,5	2,5	2.000
11490AA0012.5	12,5	4,0	3,5	2,5	2.000
11490AA0013.0	13,0	4,0	3,5	2,5	2.000
11490AA0013.5	13,5	4,0	3,5	2,5	2.000

LED - ABSTANDSHALTER 3MM
LED SPACER SUPPORT





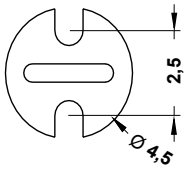


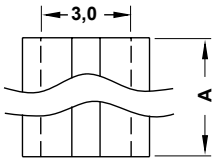
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11490AA0014.5	14,5	4,0	3,5	2,5		2.000
11490AA0015.0	15,0	4,0	3,5	2,5		2.000
11490AA0015.5	15,5	4,0	3,5	2,5		2.000
11490AA0016.0	16,0	4,0	3,5	2,5		2.000
11490AA0016.5	16,5	4,0	3,5	2,5		2.000
11490AA0017.0	17,0	4,0	3,5	2,5		2.000
11490AA0017.5	17,5	4,0	3,5	2,5		2.000
11490AA0018.0	18,0	4,0	3,5	2,5		2.000
11490AA0018.5	18,5	4,0	3,5	2,5		2.000
11490AA0019.0	19,0	4,0	3,5	2,5		2.000
11490AA0020.0	20,0	4,0	3,5	2,5		2.000
11490AA0020.5	20,5	4,0	3,5	2,5		2.000
11490AA0021.0	21,0	4,0	3,5	2,5		2.000
11490AA0021.5	21,5	4,0	3,5	2,5		2.000
11490AA0022.0	22,0	4,0	3,5	2,5		2.000
11490AA0022.5	22,5	4,0	3,5	2,5		2.000
11490AA0023.0	23,0	4,0	3,5	2,5		2.000

LED - ABSTANDSHALTER 3MM
LED SPACER SUPPORT







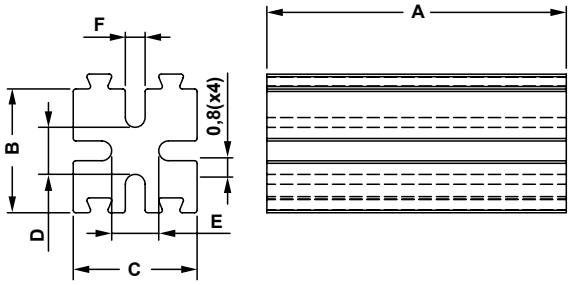
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	VPE-Stckz. *MOQ-Pcs*
6180AA01	1,5	2.000
6181AA01	2,0	2.000
6182AA01	2,5	2.000
6183AA01	3,0	2.000
6184AA01	3,5	2.000
6185AA01	4,0	2.000
6186AA01	4,5	2.000
6187AA01	5,0	2.000
6188AA01	5,5	2.000
6189AA01	6,0	2.000
6190AA01	6,5	2.000
6191AA01	7,0	2.000
6192AA01	7,5	2.000
6193AA01	8,0	2.000
6194AA01	8,5	2.000
6195AA01	9,0	2.000
6196AA01	9,5	2.000
6197AA01	10,0	2.000
6198AA01	10,5	2.000
6199AA01	11,0	2.000
6200AA01	11,5	2.000
6201AA01	12,0	2.000
6202AA01	12,5	2.000
6203AA01	13,0	2.000
6204AA01	13,5	2.000

ARTIKEL *P/N*	A	VPE-Stckz. *MOQ-Pcs*
6205AA01	14,0	2.000
6206AA01	14,5	2.000
6207AA01	15,0	2.000
6208AA01	15,5	2.000
6209AA01	18,0	2.000





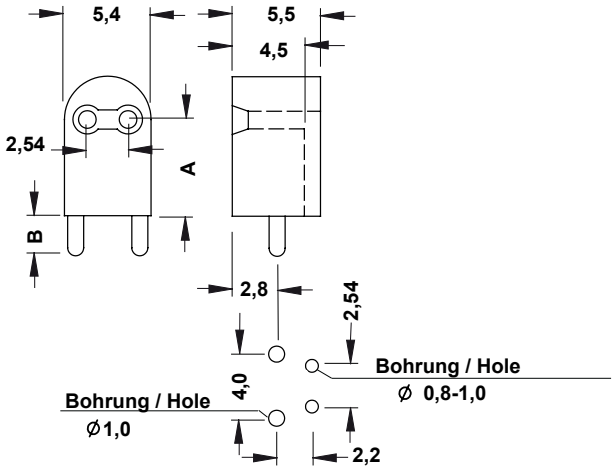


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
11496AA0103.0	3,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0104.0	4,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0105.0	5,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0106.0	6,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0107.0	7,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0108.0	8,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0109.0	9,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0110.0	10,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0111.0	11,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0112.0	12,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0113.0	13,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0114.0	14,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0115.0	15,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0116.0	16,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0117.0	17,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0118.0	18,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0119.0	19,0	5,0	5,0	1,9	1,9	0,8	2.000
11496AA0120.0	20,0	5,0	5,0	1,9	1,9	0,8	2.000

LED HALTER 90°
90° LED HOLDER



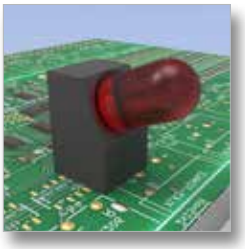


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10619AA01	3,0	2,9		1.000
10620AA01	4,5	2,5		1.000
10621AA01	6,0	2,5		1.000
10622AA01	7,0	2,5		1.000
10623AA01	9,0	2,9		1.000
10624AA01	10,0	2,9		1.000

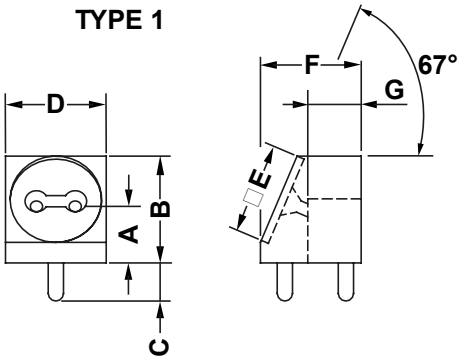
www.fastpoint.de - info@fastpoint.de - Tel. +49 [0] 8171 99 888 20

LED HALTER 5mm 67° - 30°
LED HOLDER 5mm 67° - 30°

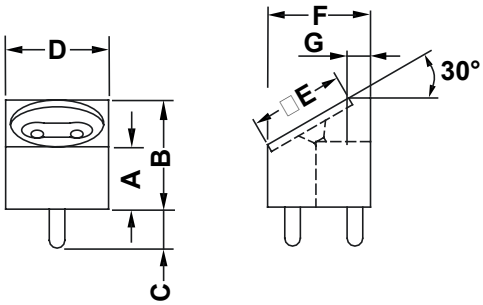


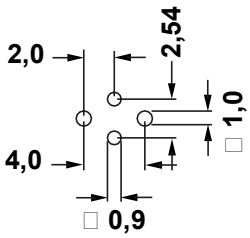


TYPE 1



TYPE 2



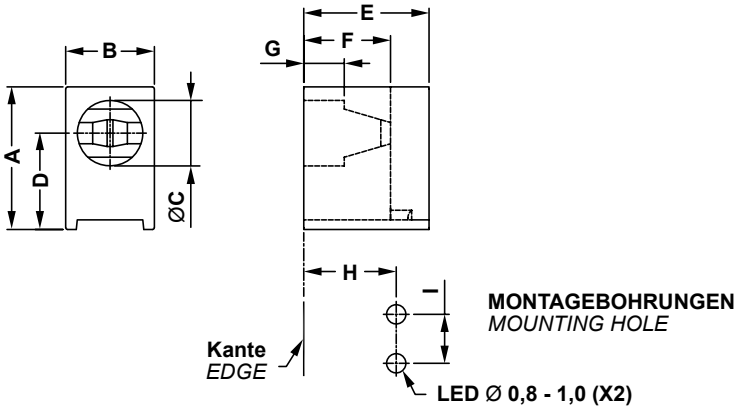


Montagebohrungen /
Mounting holes

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	TYPE	A	B	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11600AA01	1	7,0	3,0	Für 5mm LED / For 5mm LED	1.000
11601AA01	1	10,3	7,0	Für 5mm LED / For 5mm LED	1.000
11602AA01	2	7,0	3,0	Für 5mm LED / For 5mm LED	2.000



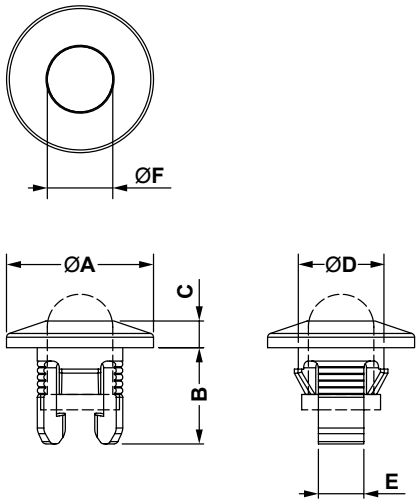


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
11603AA01	7,4	4,6	Ø3,4	5,0	6,5	4,5	2,1	4,8	2,5	1.000





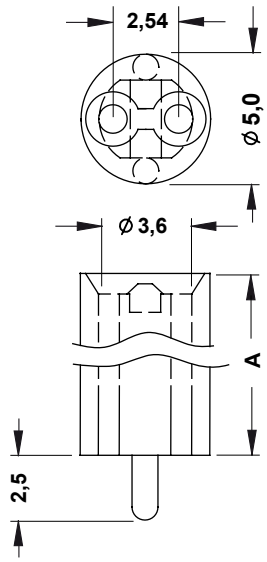


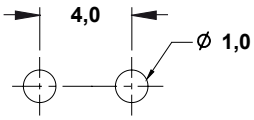
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12798AF01	11,0	7,2	2,0	6,4	3,4	4,9	Ø6,4 - 6,8	1,5	**UV Stabilisiert** *UV stabilized*	1.000

LED ABSTANDSHALTER 5MM
LED SPACER







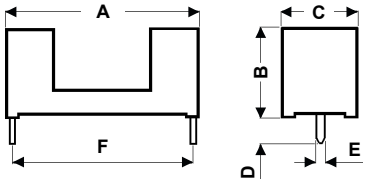
Befestigungs-Bohrungen
Mounting Holes

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

ARTIKEL *P/N*	A	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
10595AA00	2,0	**für 5,0 mm LED** / for 5,0 mm LED	2.000
10596AA00	3,0	**für 5,0 mm LED** / for 5,0 mm LED	2.000
10597AA00	4,0	**für 5,0 mm LED** / for 5,0 mm LED	2.000
10598AA00	6,0	**für 5,0 mm LED** / for 5,0 mm LED	2.000
10599AA00	7,0	**für 5,0 mm LED** / for 5,0 mm LED	2.000
10600AA00	8,0	**für 5,0 mm LED** / for 5,0 mm LED	2.000
10601AA00	9,0	**für 5,0 mm LED** / for 5,0 mm LED	2.000
10602AA00	10,0	**für 5,0 mm LED** / for 5,0 mm LED	2.000
10603AA00	11,0	**für 5,0 mm LED** / for 5,0 mm LED	1.000
10604AA00	11,5	**für 5,0 mm LED** / for 5,0 mm LED	1.000
10605AA00	12,0	**für 5,0 mm LED** / for 5,0 mm LED	1.000
10606AA00	12,5	**für 5,0 mm LED** / for 5,0 mm LED	1.000
10607AA00	13,0	**für 5,0 mm LED** / for 5,0 mm LED	1.000
10608AA00	14,0	**für 5,0 mm LED** / for 5,0 mm LED	1.000
10609AA00	18,0	**für 5,0 mm LED** / for 5,0 mm LED	1.000

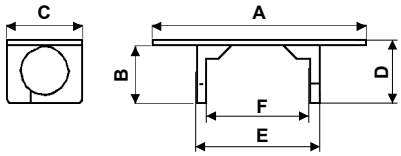
TYPE 1 GEHÄUSE / CHASSIS





TYPE 2 DECKEL / COVER

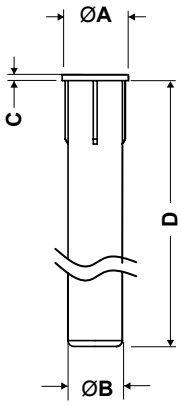




- **Gehäusematerial: Isolierendes PA** / *Housing material: Insulating Nylon*
- **Kontakte Material: Messing verzinnt** / *Contacts material: Tin-plated Brass*
- **Farbe: Schwarz** / *Colour: Black*
- **Kapazität: 6,3 bis 250 V** / *Capacity: from 6,3 to 250 V*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
1100AR01HS	1	24,2	12,0	9,0	4,0	1,2	22,5		1.000
1101AR01	2	26,0	7,0	9,0	8,5	12,0	7,9		1.000

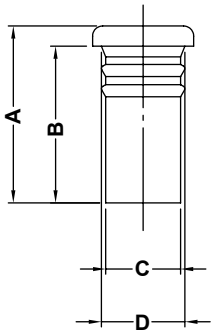


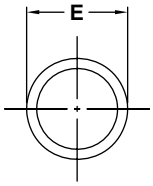


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:*
  V0 (UL94): -40°C ~ +115°C
  V2 (UL94): -40°C ~ +80°C
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *+/-0,05* *Hole +/-0,05*	Entflammbarkeit *UL Flammability*	VPE-Stckz. *Moq-Pcs*
10616NA00	3,2	2,6	0,4	7,0	Ø 3,0	V2 (UL94)	2.000
14033NV00	3,2	2,6	0,4	25,0	Ø 3,0	V0 (UL94)	2.000
14024NA00	5,0	4,0	0,5	8,5	Ø 4,2	V2 (UL94)	1.000
10617NA00	5,0	4,0	0,5	21,0	Ø 4,2	V2 (UL94)	1.000
10618NA00	5,0	4,0	0,5	28,0	Ø 4,2	V2 (UL94)	1.000



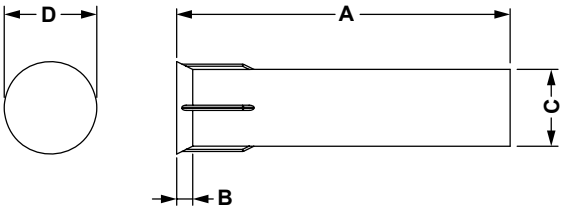




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Montagebohrung *Mounting hole*	VPE-Stckz. *Moq-Pcs*
14026NV00	3,5	3,1	Ø 1,48	Ø 1,65	Ø 2,0	Ø 1,5	2.000

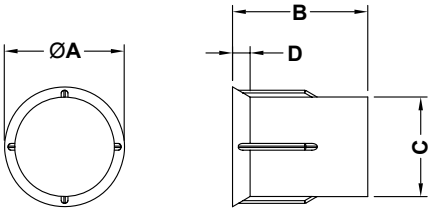




- **Material: PC /** *Material: PC*
- **Temperaturbereich /** Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Montagebohrung** *Mounting hole*	**VPE-Stckz.** *Moq-Pcs*
14511NV00	2,5	0,3	0,9	Ø 1,3	Ø 1,02	2.000
14512NV00	3,0	0,3	0,9	Ø 1,3	Ø 1,02	2.000
14513NV00	4,8	0,3	0,9	Ø 1,3	Ø 1,02	2.000
14514NV00	5,0	0,3	0,9	Ø 1,3	Ø 1,02	2.000
14515NV00	12,7	0,3	0,9	Ø 1,3	Ø 1,02	2.000

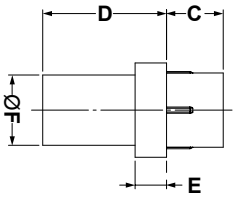


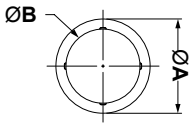


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Montagebohrung** *Mounting hole*	**VPE-Stckz.** *Moq-Pcs*
12816NV0002.0	2,3	2,0	1,9	0,3	Ø 1,98	2.000
12816NV0002.5	2,3	2,5	1,9	0,3	Ø 1,98	2.000
12816NV0003.0	2,3	3,0	1,9	0,3	Ø 1,98	2.000
12816NV0003.2	2,3	3,2	1,9	0,3	Ø 1,98	2.000
12816NV0004.0	2,3	4,0	1,9	0,3	Ø 1,98	2.000
12816NV0004.8	2,3	4,8	1,9	0,3	Ø 1,98	2.000
12816NV0006.4	2,3	6,4	1,9	0,3	Ø 1,98	2.000
12816NV0007.0	2,3	7,0	1,9	0,3	Ø 1,98	2.000
12816NV0008.0	2,3	8,0	1,9	0,3	Ø 1,98	2.000
12816NV0009.0	2,3	9,0	1,9	0,3	Ø 1,98	2.000
12816NV0010.0	2,3	10,0	1,9	0,3	Ø 1,98	2.000
18205NV00	1,3	10,0	0,9	0,3	Ø 1,02	2.000



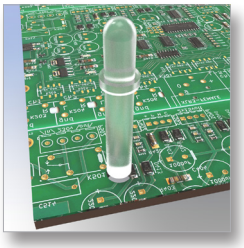


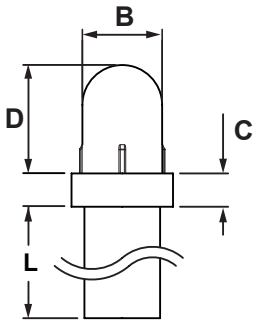


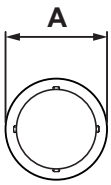
- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability: V0 (UL94)*
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Montagebohrung *Mounting hole*	VPE-Stckz. *Moq-Pcs*
18090NV00	Ø 3,8	Ø 3,0	2,3	2,5	1,2	Ø 2,8	Ø 3,0	2.000
18091NV00	Ø 3,8	Ø 3,0	2,3	3,2	1,2	Ø 2,8	Ø 3,0	2.000
14471NV00	Ø 3,8	Ø 3,0	2,3	4,8	1,2	Ø 2,8	Ø 3,0	1.000
14472NV00	Ø 3,8	Ø 3,0	2,3	5,0	1,2	Ø 2,8	Ø 3,0	1.000
18092NV00	Ø 3,8	Ø 3,0	2,3	6,4	1,2	Ø 2,8	Ø 3,0	2.000
14473NV00	Ø 3,8	Ø 3,0	2,3	7,0	1,2	Ø 2,8	Ø 3,0	1.000
14474NV00	Ø 3,8	Ø 3,0	2,3	8,0	1,2	Ø 2,8	Ø 3,0	1.000
18093NV00	Ø 3,8	Ø 3,0	2,3	8,9	1,2	Ø 2,8	Ø 3,0	2.000
18094NV00	Ø 3,8	Ø 3,0	2,3	9,5	1,2	Ø 2,8	Ø 3,0	2.000
14475NV00	Ø 3,8	Ø 3,0	2,3	10,0	1,2	Ø 2,8	Ø 3,0	1.000
18095NV00	Ø 3,8	Ø 3,0	2,3	12,7	1,2	Ø 2,8	Ø 3,0	1.000
18096NV00	Ø 3,8	Ø 3,0	2,3	15,9	1,2	Ø 2,8	Ø 3,0	1.000
18097NV00	Ø 3,8	Ø 3,0	2,3	19,0	1,2	Ø 2,8	Ø 3,0	1.000
18098NV00	Ø 3,8	Ø 3,0	2,3	21,1	1,2	Ø 2,8	Ø 3,0	1.000

LICHTLEITER
LIGHT PIPE





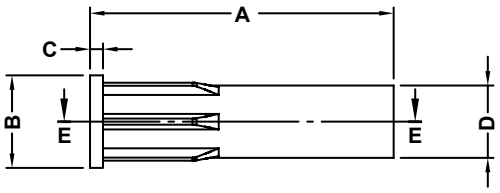




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:* -40°C ~ +80°C
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	L	Montagebohrung *Mounting hole*	VPE-Stckz. *Moq-Pcs*
17963NV00	Ø 3,8	Ø 3,0	1,2	4,0	2,0	Ø 3,0	2.000
17964NV00	Ø 3,8	Ø 3,0	1,2	4,0	4,8	Ø 3,0	2.000
17965NV00	Ø 3,8	Ø 3,0	1,2	4,0	5,2	Ø 3,0	2.000
17966NV00	Ø 3,8	Ø 3,0	1,2	4,0	7,7	Ø 3,0	2.000
17967NV00	Ø 3,8	Ø 3,0	1,2	4,0	8,3	Ø 3,0	2.000
17968NV00	Ø 3,8	Ø 3,0	1,2	4,0	10,5	Ø 3,0	1.000
17969NV00	Ø 3,8	Ø 3,0	1,2	4,0	10,3	Ø 3,0	1.000
17970NV00	Ø 3,8	Ø 3,0	1,2	4,0	14,7	Ø 3,0	1.000
17971NV00	Ø 3,8	Ø 3,0	1,2	4,0	17,8	Ø 3,0	1.000
17972NV00	Ø 3,8	Ø 3,0	1,2	4,0	19,8	Ø 3,0	1.000
17973NV00	Ø 5,8	Ø 5,0	1,0	7,1	3,2	Ø 5,0	2.000
17974NV00	Ø 5,8	Ø 5,0	1,0	7,1	6,4	Ø 5,0	2.000
17975NV00	Ø 5,8	Ø 5,0	1,0	7,1	8,9	Ø 5,0	2.000
17976NV00	Ø 5,8	Ø 5,0	1,0	7,1	9,5	Ø 5,0	2.000
17977NV00	Ø 5,8	Ø 5,0	1,0	7,1	12,7	Ø 5,0	2.000
17978NV00	Ø 5,8	Ø 5,0	1,0	7,1	15,9	Ø 5,0	2.000
17979NV00	Ø 5,8	Ø 5,0	1,0	7,1	19,0	Ø 5,0	2.000
17980NV00	Ø 5,8	Ø 5,0	1,0	7,1	25,4	Ø 5,0	2.000
17981NV00	Ø 5,8	Ø 5,0	1,0	7,1	29,3	Ø 5,0	2.000
17982NV00	Ø 5,8	Ø 5,0	1,0	7,1	31,8	Ø 5,0	2.000
17983NV00	Ø 5,8	Ø 5,0	1,0	7,1	38,1	Ø 5,0	2.000

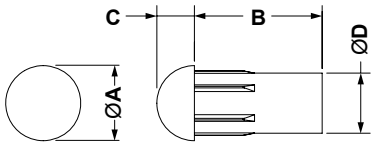




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Montagebohrung *Mounting hole*	VPE-Stckz. *Moq-Pcs*
14031NA00	10,5	Ø 3,2	0,45	Ø 2,5	Ø 3,0	2.000
14493NA00	11,5	Ø 3,2	0,45	Ø 2,5	Ø 3,0	2.000

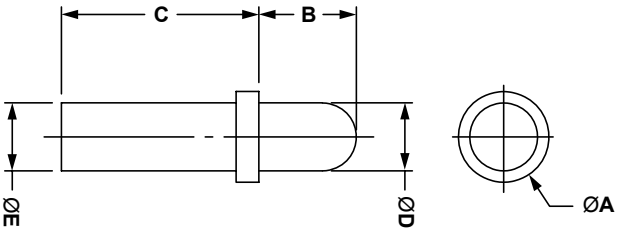




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:*
  V0 (UL94): *-40°C ~ +115°C*
  V2 (UL94): *-40°C ~ +80°C*
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Entflammbarkeit *Flammability*	VPE-Stckz. *Moq-Pcs*
14476NA00	Ø3,2	13,0	1,4	Ø2,6	Ø 3,0	V2 (UL94)	2.000
14477NA00	Ø3,2	17,5	1,4	Ø2,6	Ø 3,0	V2 (UL94)	1.000
14478NA00	Ø3,2	27,5	1,4	Ø2,6	Ø 3,0	V2 (UL94)	1.000
14488NA00	Ø5,0	8,5	2,4	Ø4,0	Ø 4,2	V2 (UL94)	2.000
14481NA00	Ø5,0	8,5	2,5	Ø4,0	Ø 4,2	V2 (UL94)	2.000
14482NA00	Ø5,0	16,5	2,5	Ø4,0	Ø 4,2	V2 (UL94)	2.000
14459NA00	Ø5,0	24,0	2,5	Ø4,0	Ø 4,2	V2 (UL94)	1.000
14486NA00	Ø5,0	30,0	2,5	Ø4,0	Ø 4,3	V2 (UL94)	1.000
14484NA00	Ø5,0	36,0	2,5	Ø4,0	Ø 4,3	V2 (UL94)	1.000
14485NA00	Ø5,0	37,5	2,5	Ø4,0	Ø 4,3	V0 (UL94)	1.000
14483NA00	Ø5,0	43,5	2,5	Ø4,0	Ø 4,3	V2 (UL94)	1.000
14487NA00	Ø5,0	54,0	2,5	Ø4,0	Ø 4,3	V2 (UL94)	1.000

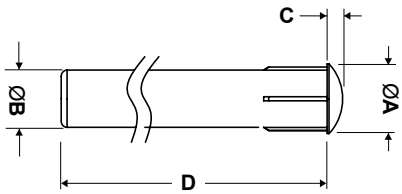




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:*
  V0 (UL94): -40°C ~ +115°C
  V2 (UL94): -40°C ~ +80°C
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	ØA	B	C	ØD	ØE	Montagebohrung *Mounting hole*	Entflammbarkeit *UL Flammability*	VPE-Stckz. *Moq-Pcs*
14468NA00	4,0	4,3	13,5	3,0	3,0	Ø 3,0	V0 (UL94)	1.000
14469NV00	4,0	4,3	57,0	3,0	3,0	Ø 3,0	V0 (UL94)	500
14470NA00	4,0	4,3	8,7	3,0	3,0	Ø 3,0	V2 (UL94)	1.000

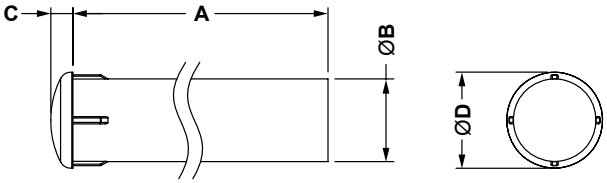




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:*
  V0 (UL94): -40°C ~ +115°C
  V2 (UL94): -40°C ~ +80°C
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	ØA	ØB	C	D	Bohrung *Hole*	Entflammbarkeit *UL Flammability*	VPE-Stckz. *Moq-Pcs*
10610NV00	2,0	1,5	0,8	20,0	Ø 1,5	V0 (UL94)	2.000
10610NA00	2,0	1,5	0,8	20,0	Ø 1,5	V2 (UL94)	2.000
10611NV00	2,0	1,5	0,8	21,8	Ø 1,5	V0 (UL94)	2.000
10612NV00	3,3	2,8	0,8	3,2	Ø 3,0	V0 (UL94)	2.000
10612NA00	3,3	2,8	0,8	3,2	Ø 3,0	V2 (UL94)	2.000
10613NA00	3,1	2,6	1,5	6,0	Ø 3,0	V2 (UL94)	2.000
14479NA00	3,4	2,8	0,8	7,2	Ø 3,0	V2 (UL94)	1.000
14480NA00	3,4	2,8	0,8	12,2	Ø 3,0	V2 (UL94)	1.000
10614NA00	3,4	2,8	0,8	18,0	Ø 3,0	V2 (UL94)	2.000
10615NA00	5,0	4,0	2,5	21,5	Ø 4,3	V2 (UL94)	2.000



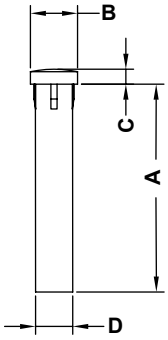


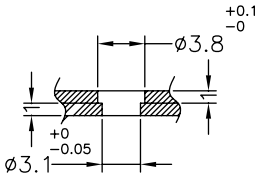
new PRODUCT

- **Material: PC /** *Material: PC*
- **Temperaturbereich /** Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	ØB	C	ØD	Montagebohrung *Mounting hole*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
17985NV00	2,5	2,8	0,7	3,3	Ø 3,0		2.000
17986NV00	3,2	2,8	0,7	3,3	Ø 3,0		2.000
14460NV00	4,0	2,8	0,7	3,3	Ø 3,0		2.000
17986NV00	4,8	2,8	0,7	3,3	Ø 3,0		2.000
14461NV00	5,0	2,8	0,7	3,3	Ø 3,0		2.000
17988NV00	5,5	2,8	0,7	3,3	Ø 3,0		2.000
14462NV00	6,0	2,8	0,7	3,3	Ø 3,0		2.000
14463NV00	7,0	2,8	0,7	3,3	Ø 3,0		2.000
14464NV00	8,0	2,8	0,7	3,3	Ø 3,0		2.000
17990NV00	8,9	2,8	0,7	3,3	Ø 3,0		2.000
15316NV00	9,5	2,8	0,7	3,3	Ø 3,0		2.000
14465NV00	10,0	2,8	0,7	3,3	Ø 3,0		2.000
15026NV00	15,0	2,8	0,7	3,3	Ø 3,0		2.000
17993NV00	24,0	2,8	0,7	3,3	Ø 3,0		2.000
14396NV00	15,9	2,8	0,7	3,3	Ø 3,0		2.000
14466NV00	25,4	2,8	0,7	3,3	Ø 3,0		1.000
14467NV00	30,5	2,8	0,7	3,3	Ø 3,0		1.000





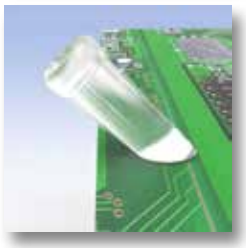


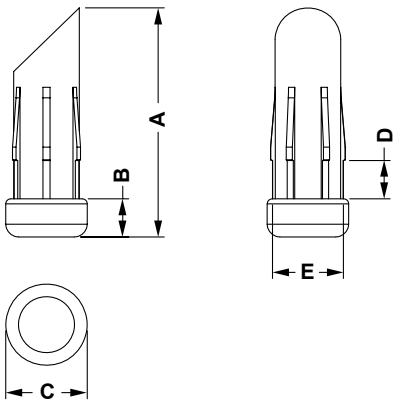
MONTAGEBOHRUNG
MOUNTING HOLE

- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
14022NA00	8,0	Ø 3,8	1,2	Ø 3,0	2.000
14021NA00	23,6	Ø 3,8	1,2	Ø 3,0	2.000
14034NA00	25,8	Ø 3,8	1,2	Ø 3,0	2.000

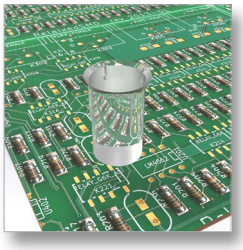


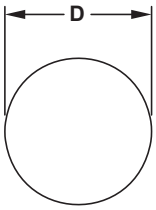


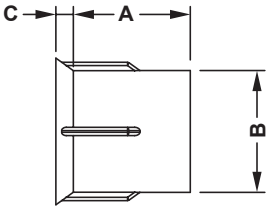


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
13169NA00	9,0	1,5	Ø 3,2	1,5	2,8		1.000



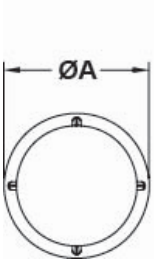


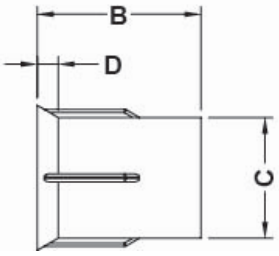


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature*: **-40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability: V0 (UL94)*
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Montagebohrung *Mounting hole*	VPE-Stckz. *Moq-Pcs*
14524NV00	2,5	2,9	0,3	Ø 3,3	Ø 3,07	2.000
14525NV00	3,0	2,9	0,3	Ø 3,3	Ø 3,07	2.000
14526NV00	3,2	2,9	0,3	Ø 3,3	Ø 3,07	2.000
14527NV00	5,0	2,9	0,3	Ø 3,3	Ø 3,07	2.000
14528NV00	6,0	2,9	0,3	Ø 3,3	Ø 3,07	2.000
14529NV00	8,0	2,9	0,3	Ø 3,3	Ø 3,07	2.000
14530NV00	9,5	2,9	0,3	Ø 3,3	Ø 3,07	2.000
14531NV00	10,0	2,9	0,3	Ø 3,3	Ø 3,07	2.000
14532NV00	12,7	2,9	0,3	Ø 3,3	Ø 3,07	2.000



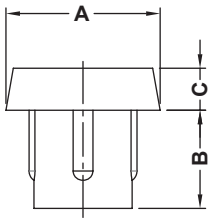


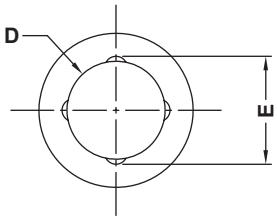


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature*: **-40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability: V0 (UL94)*
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Montagebohrung *Mounting hole*	VPE-Stckz. *Moq-Pcs*
18109NV00	1,3	4,0	0,9	0,3	Ø 1,02	2.000
18110NV00	1,3	6,0	0,9	0,3	Ø 1,02	2.000
18111NV00	1,2	13,7	0,9	0,3	Ø 1,02	2.000



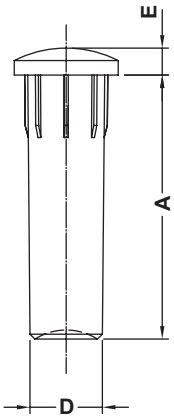


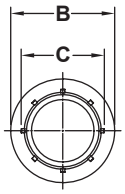


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:*
  V0 (UL94): -40°C ~ +115°C
  V2 (UL94): -40°C ~ +80°C
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Montagebohrung *Mounting hole*	Entflammbarkeit *UL Flammability*	VPE-Stckz. *Moq-Pcs*
14028NV00	Ø 5,5	3,0	1,5	Ø 3,5	3,8	Ø 3,5	V0 (UL94)	2.000
14491NV00	Ø 5,5	3,5	1,5	Ø 3,5	3,8	Ø 3,5	V0 (UL94)	2.000
14029NA00	Ø 5,5	4,0	1,5	Ø 3,5	3,8	Ø 3,5	V2 (UL94)	2.000



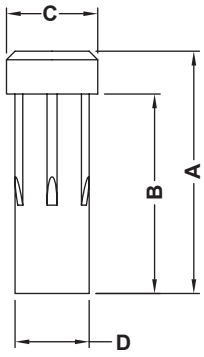




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Montagebohrung *Mounting hole*	VPE-Stckz. *Moq-Pcs*
14030NA00	12,7	Ø 5,0	Ø 4,0	Ø 3,5	1,3	Ø 3,8	1.000

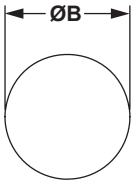


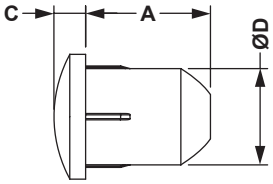


- **Material: PC /** *Material: PC*
- **Temperaturbereich /** Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Montagebohrung *Mounting hole*	Entflammbarkeit *UL Flammability*	VPE-Stckz. *Moq-Pcs*
14494NA00	5,5	4,0	5,0	Ø4,0	Ø 4,3	UL92 V2	1.000
14020NA00	8,5	7,0	Ø 3,2	Ø 2,6	Ø 2,8 - 3,0	UL94 V2	1.000
13180NV00	10,0	8,5	Ø 5,0	Ø 4,0	Ø 4,0	UL94 V0	1.000
14495NA00	10,0	8,5	Ø 5,0	Ø 4,0	Ø 4,3	UL94 V2	1.000

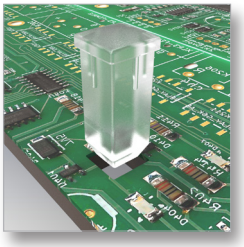


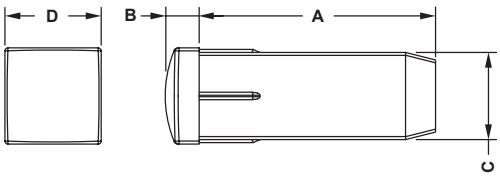




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:***: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm /** *All dimensions are in mm*

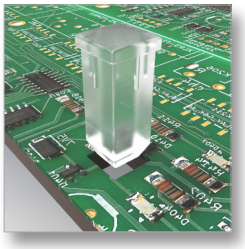
ARTIKEL *P/N*	A	B	C	D	Montagebohrung *Mounting hole*	VPE-Stckz. *Moq-Pcs*
12656NV00	3,2	Ø 5,0	1,3	Ø 3,9	Ø 3,96	1.000
14496NV00	4,0	Ø 5,0	1,3	Ø 3,9	Ø 3,96	1.000
14497NV00	5,0	Ø 5,0	1,3	Ø 3,9	Ø 3,96	1.000
14498NV00	6,0	Ø 5,0	1,3	Ø 3,9	Ø 3,96	1.000
14499NV00	8,0	Ø 5,0	1,3	Ø 3,9	Ø 3,96	1.000
14500NV00	10,0	Ø 5,0	1,3	Ø 3,9	Ø 3,96	1.000
14501NV00	12,7	Ø 5,0	1,3	Ø 3,9	Ø 3,96	1.000

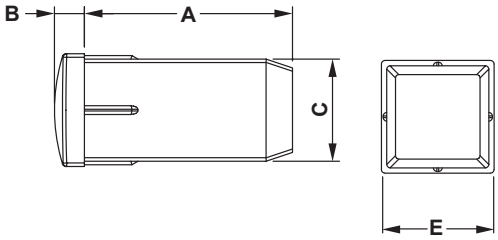




- **Material: PC /** *Material: PC*
- **Temperaturbereich /** Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm /** *All dimensions are in mm*

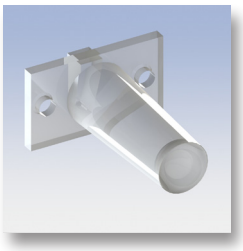
ARTIKEL *P/N*	A	B	C	D	Montagebohrung *Mounting hole*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14502NV00	3,0	0,8	1,9	2,3	2,03 x 2,03		2.000
14503NV00	4,8	0,8	1,9	2,3	2,03 x 2,03		2.000
14504NV00	5,0	0,8	1,9	2,3	2,03 x 2,03		2.000
14505NV00	9,0	0,8	1,9	2,3	2,03 x 2,03		2.000
14506NV00	12,7	0,8	1,9	2,3	2,03 x 2,03		2.000

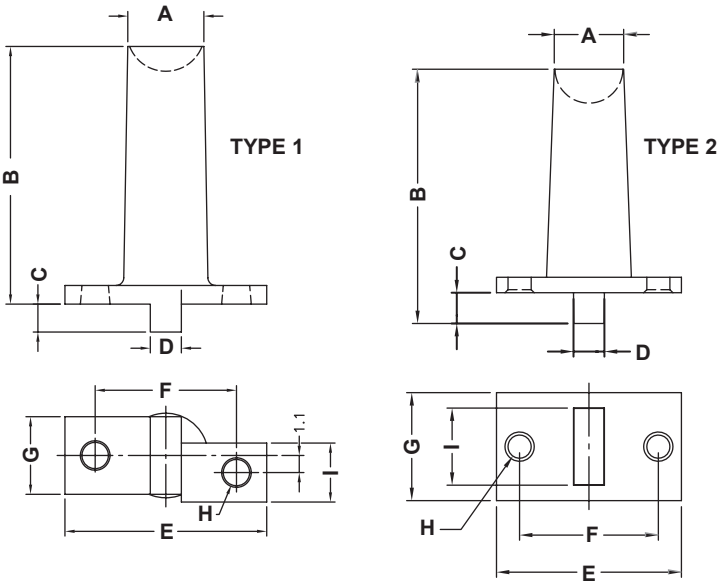




- **Material: PC /** *Material: PC*
- **Temperaturbereich /** Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	E	Montagebohrung *Mounting hole*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14507NV00	3,0	0,9	2,9	3,3	3,0 x 3,0		2.000
14508NV00	5,0	0,9	2,9	3,3	3,0 x 3,0		2.000
14509NV00	6,0	0,9	2,9	3,3	3,0 x 3,0		2.000
14510NV00	7,0	0,9	2,9	3,3	3,0 x 3,0		2.000

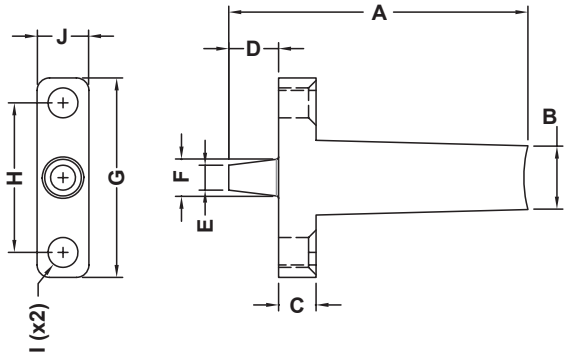




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

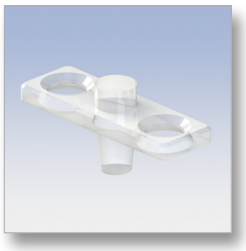
ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
14002NA00	1	Ø 4,9	16,6	1,8	2,0	13,0	9,1	5,0	Ø 1,7	3,8	1.000
14003NA00	1	Ø 4,9	16,6	2,2	2,0	13,0	9,1	5,0	Ø 1,7	3,8	1.000
14005NA00	2	Ø 4,5	16,5	2,0	2,0	12,0	9,0	7,0	Ø 1,5	5,0	1.000

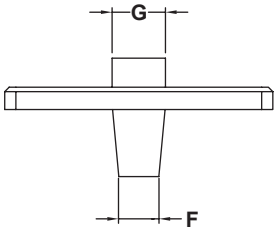


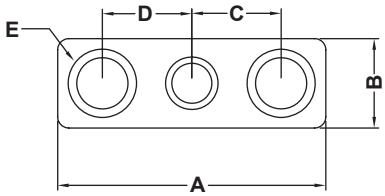


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	VPE-Stckz. *Moq-Pcs*
14015NV00	12,0	2,5	1,5	2,0	Ø 1,0	1,5	8,0	6,0	Ø 1,2	2,0	500

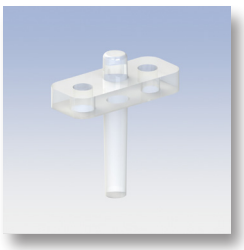


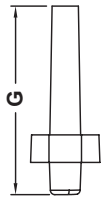


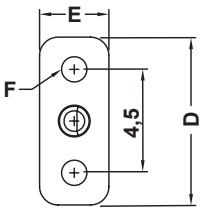


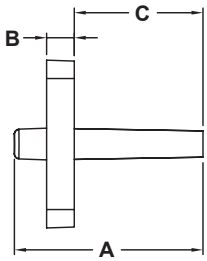
- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	VPE-Stckz. *Moq-Pcs*
14014NV00	12,0	4,0	4,0	4,0	Ø 2,3	Ø 1,7	Ø 2,4	1.000



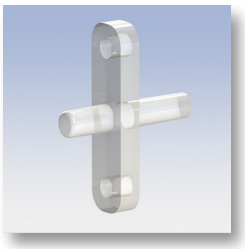


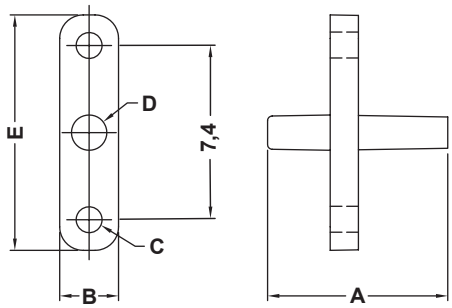




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

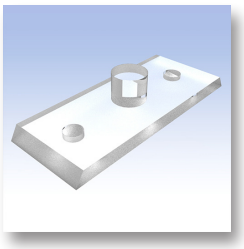
ARTIKEL *P/N*	A	B	C	D	E	F	G	VPE-Stckz. *Moq-Pcs*
14010NV00	8,2	1,2	5,6	7,3	3,0	Ø 1,1	8,2	1.000

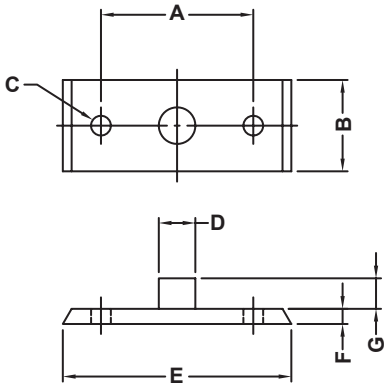




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
14011NA00	7,6	2,5	Ø 1,1	Ø 1,5	10,0	1.000

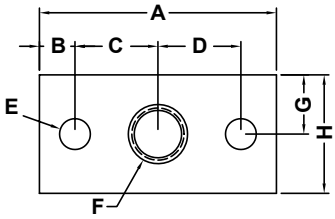




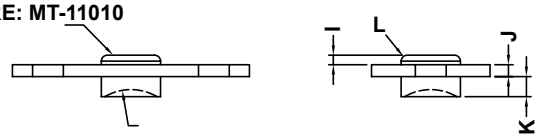
- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14004NA00	10,0	6,0	Ø 1,3	Ø 2,4	15,0	1,0	2,0		1.000
14008NA00	10,0	6,0	Ø 1,3	Ø 2,4	15,0	1,0	3,7		1.000





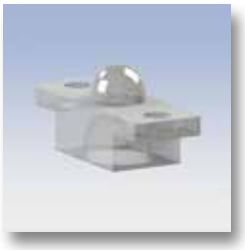
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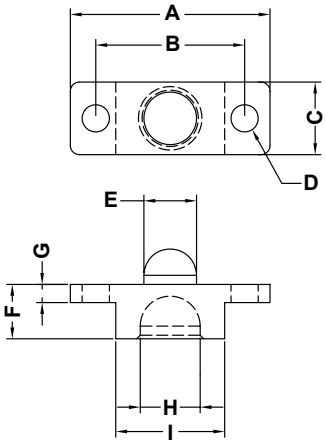


OBERFLÄCHENPOLIERENS

- **Material: PMMA** / *Material: PMMA*
- **Temperaturbereich** / Working temperature**: -20°C ~ +70°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

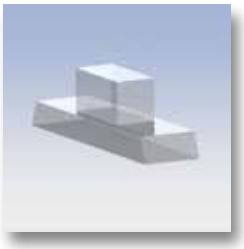
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	L	VPE-Stckz. *Moq-Pcs*
14006PM00	10,0	1,5	3,5	3,5	Ø 1,3	Ø 2,5	2,5	5,0	0,4	0,5	0,85	R0.25	1.000

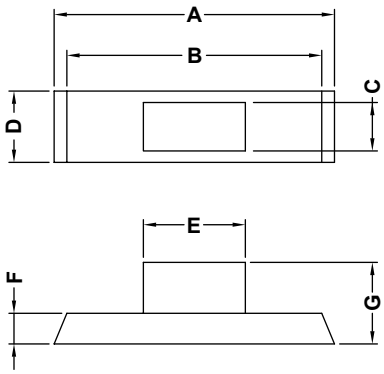




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

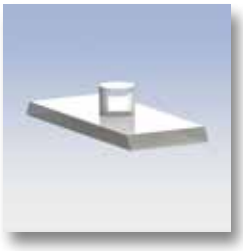
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
14007NV00	11,0	8,2	4,0	Ø 1,5	Ø 2,9	3,0	1,0	Ø 3,3	6,0	1.000

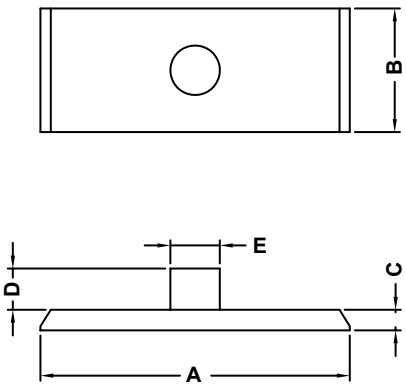




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	VPE-Stckz. *Moq-Pcs*
14000NA00	11,0	9,5	1,9	2,8	4	1,2	3,2	1.000

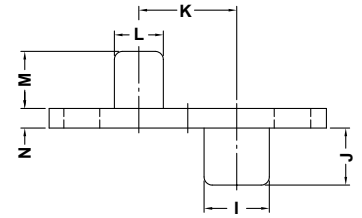


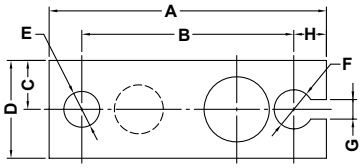


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
14001NA00	15,0	6,0	1,0	2,0	Ø 2,4	1.000



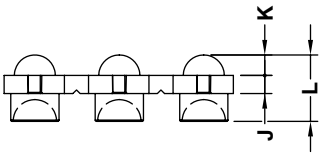


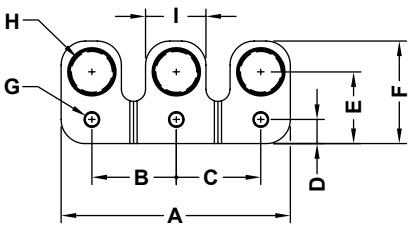


- **Material: PMMA /** *Material: PMMA*
- **Temperaturbereich /** Working temperature**: -20°C ~ +70°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	L	M	N	VPE-Stckz. *Moq-Pcs*
14019PM00	17,0	13,0	3,0	6,0	Ø 2,2	Ø 2,4	1,2	2,0	Ø 4,0	3,5	6,0	Ø 3,0	3,5	1,2	1.000



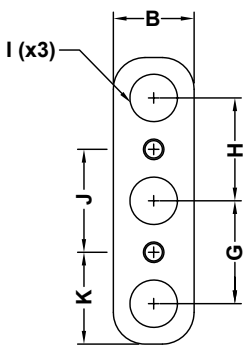


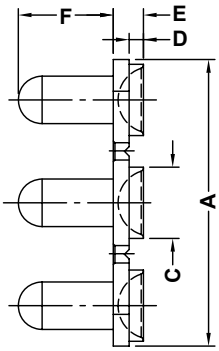


- **Material: PC /** *Material: PC*
- **Temperaturbereich /** Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	L	VPE-Stckz. *Moq-Pcs*
14009NA00	19,0	7,0	7,0	2,0	6,0	8,5	Ø 1,1	Ø 3,4	5,0	1,5	1,7	5,5	1.000



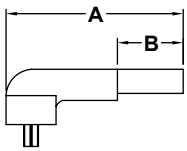


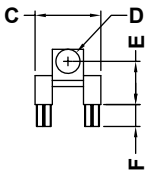


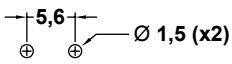
- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	VPE-Stckz. *Moq-Pcs*
14017NA00	18,1	5,1	Ø 4,5	0,9	1,9	6,0	6,5	6,5	Ø 3,0	6,5	5,8	1.000







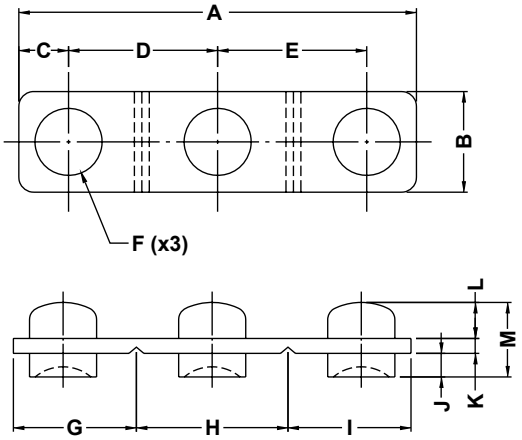


Montagebohrung
mounting hole

- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	VPE-Stckz. *Moq-Pcs*
14035NA00	20,5	7,6	7,6	Ø 2,8	5,0	2,5	5,6	

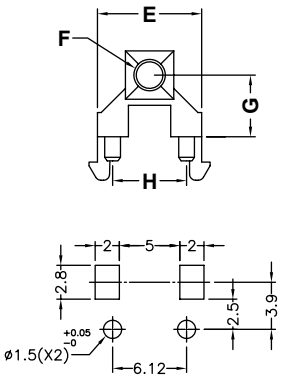




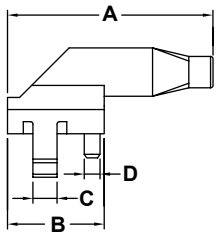
- **Material: PMMA** / *Material: PMMA*
- **Temperaturbereich** / Working temperature**: -20°C ~ +70°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	L	M	VPE-Stckz. *Moq-Pcs*
14018PM00	32,0	8,1	4,0	12,0	12,0	Ø 5,4	9,9	12,2	9,9	1,9	1,2	2,9	6,0	500





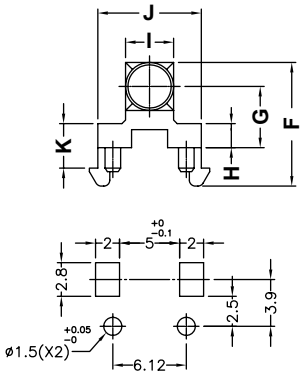
MONTAGEBOHRUNG
MOUNTING HOLE

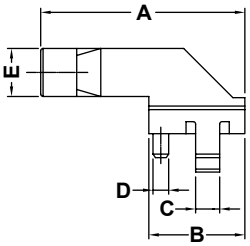


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	VPE-Stckz. *Moq-Pcs*
14037NV00	17,0	8,0	2,0	Ø 1,3	8,6	Ø 2,6	5,1	6,1	



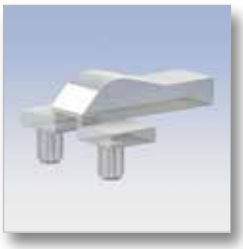


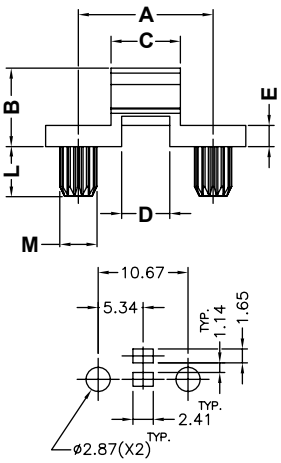


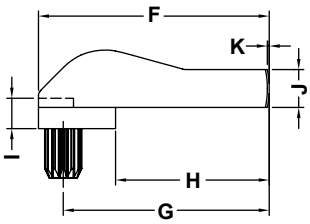
MONTAGEBOHRUNG
MOUNTING HOLE

- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	VPE-Stckz. *Moq-Pcs*
14038NV00	17,0	8,0	2,0	Ø 1,35	Ø 4,0	10,3	5,1	2,0	4,0	8,6	3,7	





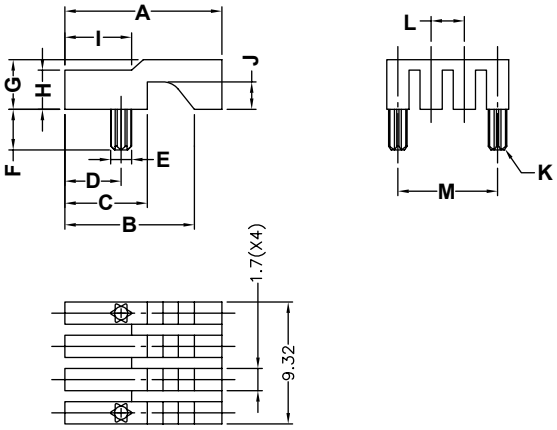


MONTAGEBOHRUNG
MOUNTING HOLE

- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	L	M	VPE-Stckz. *Moq-Pcs*
14041NV00	10,6	6,2	3,3	3,8	1,6	18,2	16,3	12,1	2,4	3,0	0,1	3,9	2,9	1.000



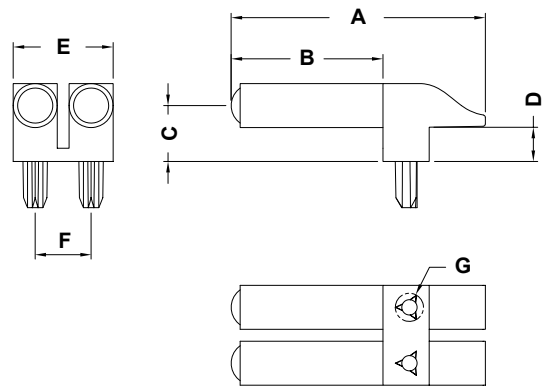


MONTAGEBOHRUNG Ø 1,5
MOUNTING HOLE Ø 1,5

- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	L	M	VPE-Stckz. *Moq-Pcs*
14092NV00	12,0	9,9	6,3	4,3	Ø 1,6	3,1	3,8	3,0	5,1	2,1	0,3	2,5 (x3)	7,6	1.000





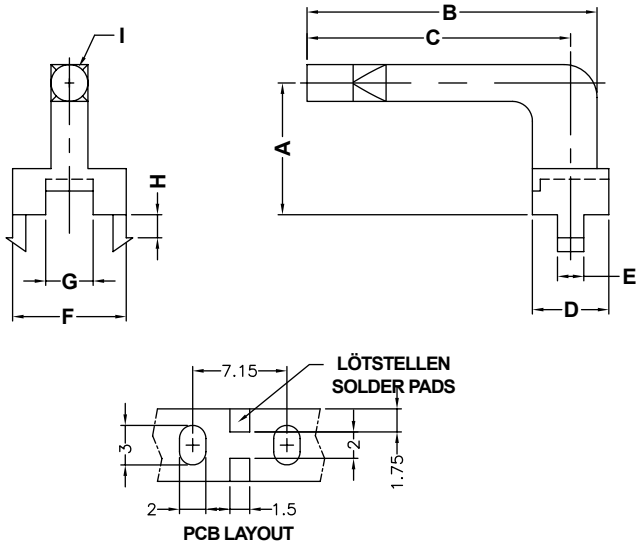
new PRODUCT

- **Material: PC** / *Material: PC*
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15578NA00	11,5	6,9	2,5	1,5	4,5	2,5	Ø1,2 (x2)		1.000

LICHTLEITER 90°
LIGHT PIPE 90°



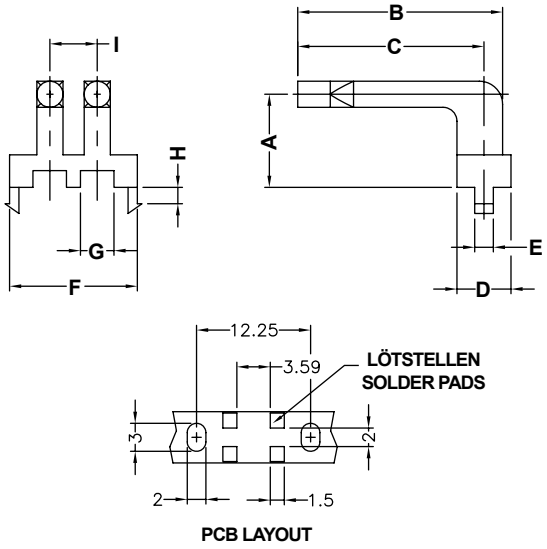


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
14051NA00	5,0	16,0	14,0	5,8	2,0	8,6	3,6	1,75	Ø 2,8	1.000
14052NA00	5,0	19,0	17,0	5,8	2,0	8,6	3,6	1,75	Ø 2,8	1.000
14053NA00	5,0	22,0	20,0	5,8	2,0	8,6	3,6	1,75	Ø 2,8	1.000
14054NA00	10,0	16,0	14,0	5,8	2,0	8,6	3,6	1,75	Ø 2,8	1.000
14055NA00	10,0	19,0	17,0	5,8	2,0	8,6	3,6	1,75	Ø 2,8	1.000
14056NA00	10,0	22,0	20,0	5,8	2,0	8,6	3,6	1,75	Ø 2,8	1.000
14057NA00	15,0	16,0	14,0	5,8	2,0	8,6	3,6	1,75	Ø 2,8	1.000
14058NA00	15,0	19,0	17,0	5,8	2,0	8,6	3,6	1,75	Ø 2,8	1.000
14059NA00	15,0	22,0	20,0	5,8	2,0	8,6	3,6	1,75	Ø 2,8	1.000

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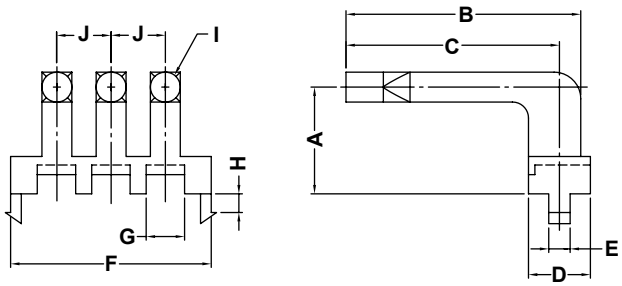


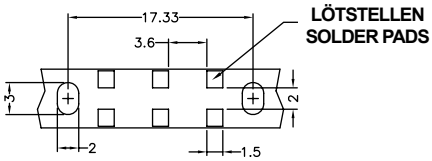
PCB LAYOUT

- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
14060NA00	5,0	16,0	14,0	5,8	2,0	13,7	3,6	1,7	5,0	1.000
14061NA00	5,0	19,0	17,0	5,8	2,0	13,7	3,6	1,7	5,0	1.000
14062NA00	5,0	22,0	20,0	5,8	2,0	13,7	3,6	1,7	5,0	1.000
14063NA00	10,0	16,0	14,0	5,8	2,0	13,7	3,6	1,7	5,0	1.000
14064NA00	10,0	19,0	17,0	5,8	2,0	13,7	3,6	1,7	5,0	1.000
14065NA00	10,0	22,0	20,0	5,8	2,0	13,7	3,6	1,7	5,0	1.000
14066NA00	15,0	16,0	14,0	5,8	2,0	13,7	3,6	1,7	5,0	1.000
14067NA00	15,0	19,0	17,0	5,8	2,0	13,7	3,6	1,7	5,0	1.000
14068NA00	15,0	22,0	20,0	5,8	2,0	13,7	3,6	1,7	5,0	1.000





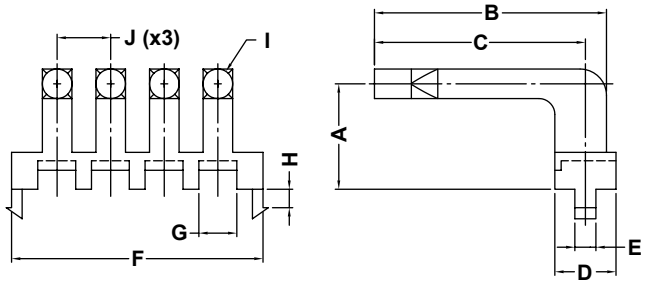


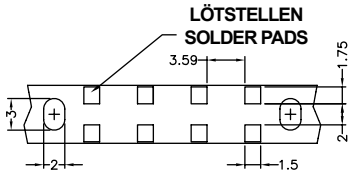
PCB LAYOUT

- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	VPE-Stckz. *Moq-Pcs*
14069NA00	5,0	16,0	14,0	5,8	2,0	18,8	3,6	1,7	Ø 2,8	5,1	1.000
14070NA00	5,0	19,0	17,0	5,8	2,0	18,8	3,6	1,7	Ø 2,8	5,1	1.000
14071NA00	5,0	22,0	20,0	5,8	2,0	18,8	3,6	1,7	Ø 2,8	5,1	1.000
14072NA00	10,0	16,0	14,0	5,8	2,0	18,8	3,6	1,7	Ø 2,8	5,1	1.000
14073NA00	10,0	19,0	17,0	5,8	2,0	18,8	3,6	1,7	Ø 2,8	5,1	1.000
14074NA00	10,0	22,0	20,0	5,8	2,0	18,8	3,6	1,7	Ø 2,8	5,1	1.000
14075NA00	15,0	16,0	14,0	5,8	2,0	18,8	3,6	1,7	Ø 2,8	5,1	1.000
14076NA00	15,0	19,0	17,0	5,8	2,0	18,8	3,6	1,7	Ø 2,8	5,1	1.000
14077NA00	15,0	22,0	20,0	5,8	2,0	18,8	3,6	1,7	Ø 2,8	5,1	1.000



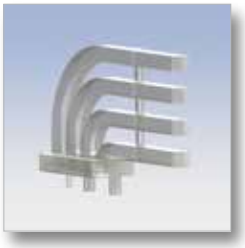


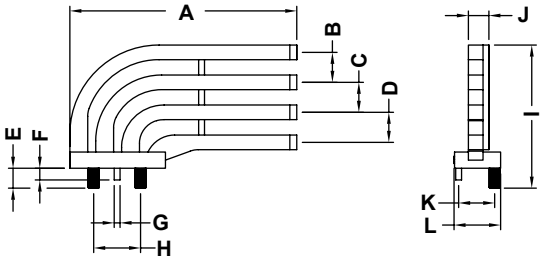


PCB LAYOUT

- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	VPE-Stckz. *Moq-Pcs*
14078NA00	5,0	16,0	14,0	5,8	2,0	23,8	3,6	1,75	Ø 2,8	5,0	1.000
14079NA00	5,0	19,0	17,0	5,8	2,0	23,8	3,6	1,75	Ø 2,8	5,0	1.000
14080NA00	5,0	22,0	20,0	5,8	2,0	23,8	3,6	1,75	Ø 2,8	5,0	1.000
14081NA00	10,0	16,0	14,0	5,8	2,0	23,8	3,6	1,75	Ø 2,8	5,0	1.000
14082NA00	10,0	19,0	17,0	5,8	2,0	23,8	3,6	1,75	Ø 2,8	5,0	1.000
14083NA00	10,0	22,0	20,0	5,8	2,0	23,8	3,6	1,75	Ø 2,8	5,0	1.000
14084NA00	15,0	16,0	14,0	5,8	2,0	23,8	3,6	1,75	Ø 2,8	5,0	1.000
14085NA00	15,0	19,0	17,0	5,8	2,0	23,8	3,6	1,75	Ø 2,8	5,0	1.000
14086NA00	15,0	22,0	20,0	5,8	2,0	23,8	3,6	1,75	Ø 2,8	5,0	1.000



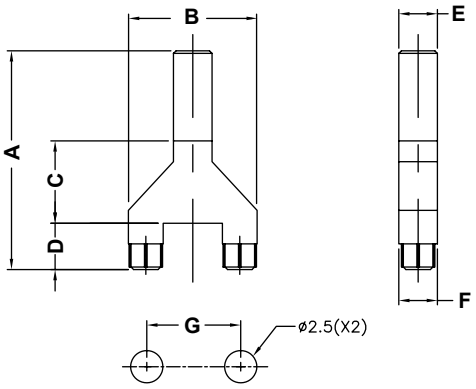


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	L	VPE-Stckz. *Moq-Pcs*
14036NV00	49,2	6,5	6,5	6,5	4,3	2,5	1,2	10,1	31,0	4,4	7,8	10,0	500

LICHTLEITER 90°
LIGHT PIPE 90°



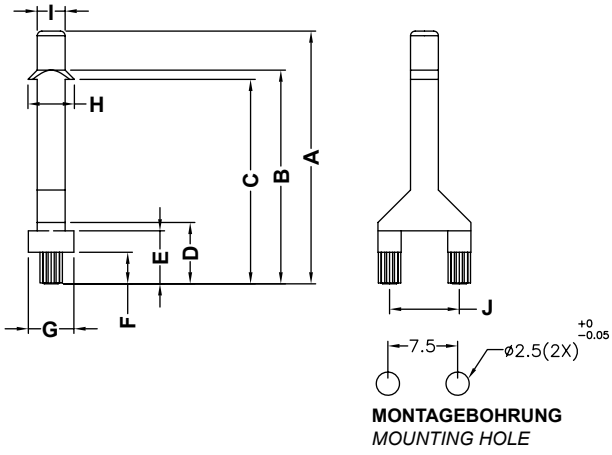


MONTAGEBOHRUNG
MOUNTING HOLE

- **Material: PC /** *Material: PC*
- **Temperaturbereich /** Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14095NA00	17,0	10,0	6,4	3,6	Ø 3,0	3,0	7,3		2.000
15719NA00	18,0	10,0	5,8	5,4	Ø 3,0	4,9	7,5		2.000



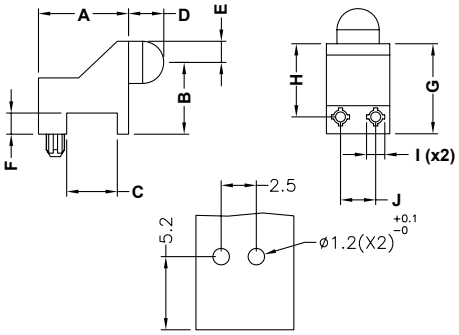


MONTAGEBOHRUNG
MOUNTING HOLE

- **Material: PC /** *Material: PC*
- **Temperaturbereich /** Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	VPE-Stckz. *Moq-Pcs*
14096NV00	27,2	23,0	22,0	6,6	5,7	3,4	4,9	Ø 5,0	Ø 3,0	7,5	500



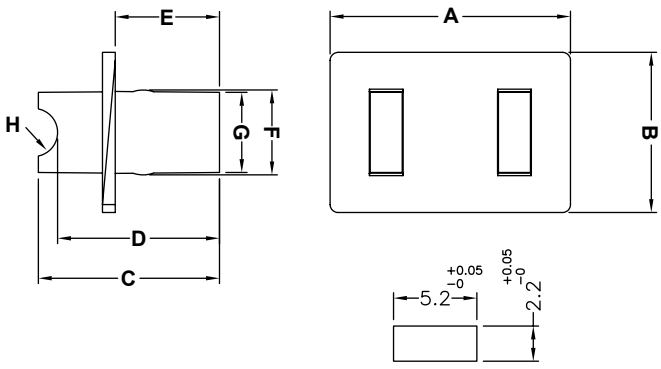


MONTAGEBOHRUNG
MOUNTING HOLE

- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	VPE-Stckz. *Moq-Pcs*
14097NV00	6,4	5,1	3,6	2,5	1,5	1,5	6,4	5,2	Ø 1,3	2,5	2.000



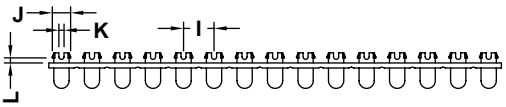


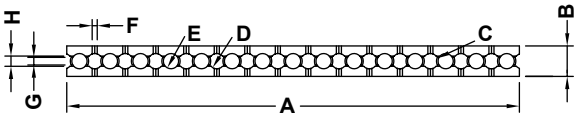
STÄRKE: 1.0 / *THICKNESS: 1.0*
MONTAGEBOHRUNG / *MOUNTING HOLE*

- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	VPE-Stckz. *Moq-Pcs*
14098NV00	15,0	10,0	11,3	10,1	6,5	5,3	5,0	R 1,5	1.500



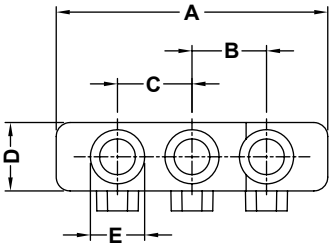


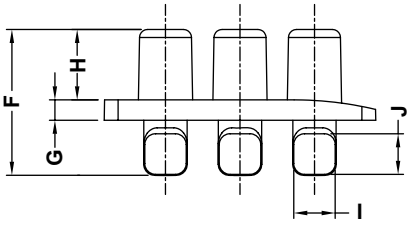


- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +115°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	K	L	VPE-Stckz. *Moq-Pcs*
14101NV00	89,0	6,0	Ø 3,6	Ø 3,0	Ø 3,0	1,0	1,5	2,0	6,0	3,6	1,0	1,0	500



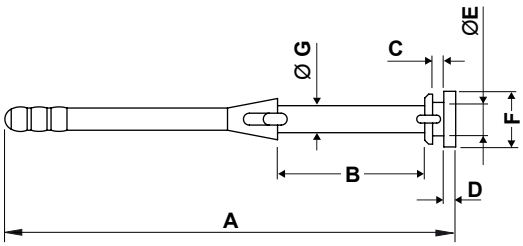




- **Material: PC** / *Material: PC*
- **Temperaturbereich** / Working temperature**: -40°C ~ +80°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	VPE-Stckz. *Moq-Pcs*
14103NA00	10,0	2,7	2,7	2,5	Ø 2,0	5,4	0,7	2,6	1,5	1,5	2.000

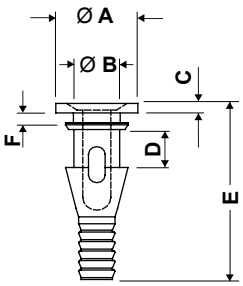


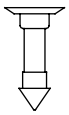


- **Material: TPE** / *Material: TPE*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *NOTES*	VPE-Stckz. *Moq-Pcs*
10568PF01	48,0	3,5	0,8	1,5	4,2	7,0	3,5		1.000
10569PF01	32,0	9,0	1,4	1,4	4,2	6,5	3,0		1.000
10570PF01	56,7	18,5	1,4	1,5	4,2	7,0	3,4		1.000
8260PS01	65,8	23,0	0,8	1,5	4,3	8,2	4,1		1.000
10571PF01	69,2	19,5	0,8	1,4	4,4	7,0	4,0		1.000
10572PF01	75,1	26,0	2,9	1,4	4,2	7,0	3,4		1.000





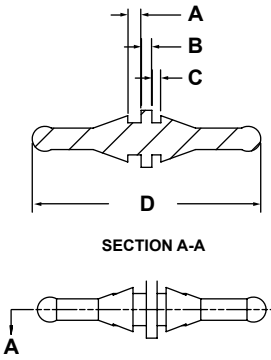


Sicherungs/
SAFETY PIN

- **Material: Sicherungs Pin PA 66 /** Material: Safety Pin P**66**
- **Material: Befestigung : TPE / Fastener: TPE**
- **Farbe: Schwarz / Colour: Black**
- **Entflammbarkeit** / *UL Flammability:*
  - **PA 6.6:** *V2 (UL94)*
  - **TPE:** *HB (UL94)*
- **Temperaturbereich** / *Working temeprature:*
  - **PA 6.6: -35°C ~ +85°C**
  - **TPE: -30°C ~ +70°C**
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	VPE-Stckz. *Moq-Pcs*
10573PF01	7,9	4,5	1,0	3,9	14,3	0,9	1.000
10574PF01	7,9	4,5	1,0	3,9	18,5	1,0	1.000
10575PF01	8,0	4,5	1,5	4,0	19,2	1,2	1.000
10576PF01	7,9	4,5	1,0	5,0	20,1	1,6	1.000



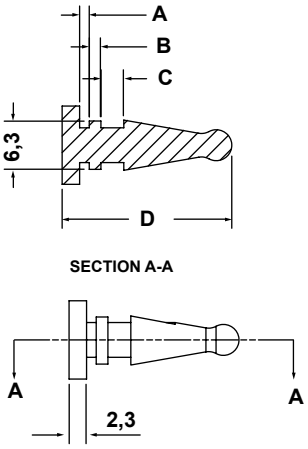


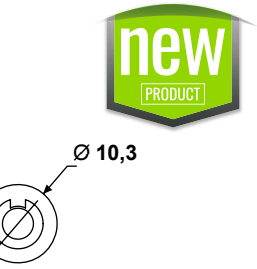


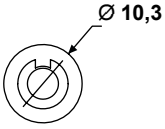
- **Material: siehe Tabelle /** *Material: see Table*
- **Temperaturbereich /** Working temperature**: -30°C ~ +110°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Lüfter / *Fan*		Rahmen / *Panel*		Material *Material*	VPE-Stckz. *Moq-Pcs*
					Bohrung/ *Hole*	Stärke / *Thickness*	Bohrung/ *Hole*	Stärke / *Thickness*		
18451GS01	1,9	1,5	1,3	32,3	Ø 5,0	2,0	Ø 5,0	1,4	EPDM SHORE A 30	1.000
18452PF01	1,9	1,5	1,3	32,3	Ø 5,0	2,0	Ø 5,0	1,4	EPDM SHORE A 40	1.000







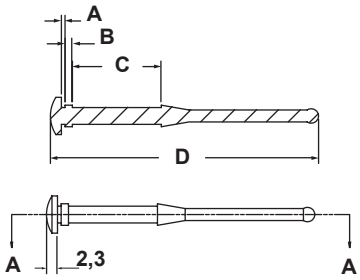


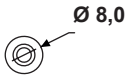
- **Material: siehe Tabelle /** *Material: see Table*
- **Temperaturbereich /** Working temperature**: -30°C ~ +110°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Lüfter / *Fan*		Rahmen / *Panel*		Material *Material*	VPE-Stckz. *Moq-Pcs*
					Bohrung/ *Hole*	Stärke / *Thickness*	Bohrung/ *Hole*	Stärke / *Thickness*		
18453GS01	1,3	1,5	3,0	22,2	Ø 5,0	3,1	Ø 5,0	1,4	EPDM SHORE A 30	1.000
18454GS01	1,3	1,5	3,0	22,2	Ø 5,0	3,1	Ø 5,0	1,4	EPDM SHORE A 40	1.000

LÜFTERBEFESTIGUNG
FAN MOUNTS





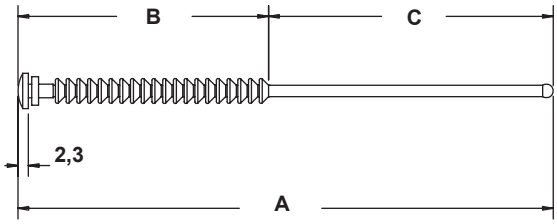


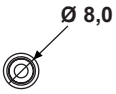
- **Material: Silikon Shore A 40** / *Material: Silicon Rubber Shore A 40*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Lüfter / *Fan*		Rahmen / *Panel*		VPE-Stckz. *Moq-Pcs*
					Bohrung/ *Hole*	Stärke / *Thickness*	Bohrung/ *Hole*	Stärke / *Thickness*	
18455SI01	0,7	1,5	18,5	56,0	Ø 3,5	20,0	Ø 3,5	0,8	1.000
18456SI01	2,5	2,0	14,0	53,8	Ø 4,3	15,0	Ø 4,3	3,0	1.000
18457SI01	0,7	1,5	24,0	73,0	Ø 3,5	25 - 28,0	Ø 3,5	0,,8	1.000

LÜFTER-MULTIHALTERUNGEN
FAN MULTI MOUNTS





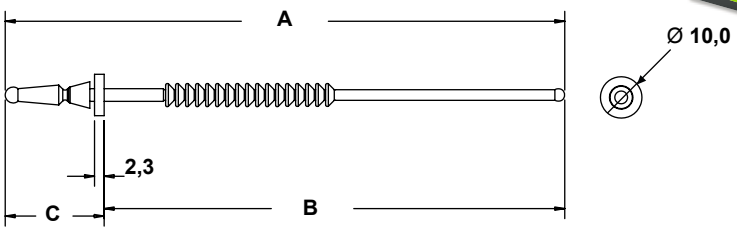


- **Material: Silikon Shore A 40** / *Material: Silicon Rubber Shore A 40*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Lüfter / *Fan*		Rahmen / *Panel*		VPE-Stckz. *Moq-Pcs*
				Bohrung/ *Hole*	Stärke / *Thickness*	Bohrung/ *Hole*	Stärke / *Thickness*	
18458SI01	119,2	55,8	63,4	Ø 3,2 - 4,5	10,0 - 51,0	Ø 4,5 - 4,8	1,0 - 1,5	1.000

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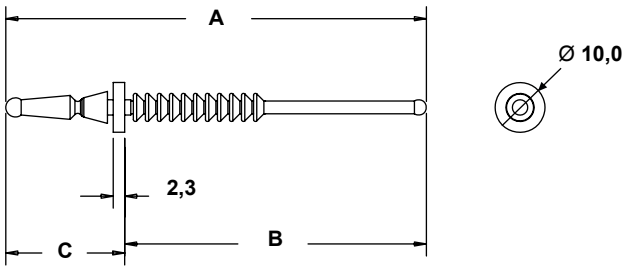




- **Material: Silikon Shore A 40** / *Material: Silicon Rubber Shore A 40*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Lüfter / *Fan*		Rahmen / *Panel*		VPE-Stckz. *Moq-Pcs*
				Bohrung/ *Hole*	Stärke / *Thickness*	Bohrung/ *Hole*	Stärke / *Thickness*	
18459SI01	133,5	110,0	23,5	Ø 4,0 - 4,5	25,0 - 51,0	Ø 4,5 - 5,0	0,8 - 1,6	1.000

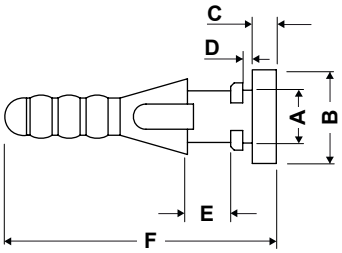




- **Material: Silikon Shore A 40** / *Material: Silicon Rubber Shore A 40*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Lüfter / *Fan*		Rahmen / *Panel*		VPE-Stckz. *Moq-Pcs*
				Bohrung/ *Hole*	Stärke / *Thickness*	Bohrung/ *Hole*	Stärke / *Thickness*	
18460SI01	83,5	60,0	23,5	Ø 3,2 - 3,5 Ø 4,0 - 4,5	up to 10,0 up to 25,0	Ø 4,5 - 5,0	0,8 - 1,6	1.000



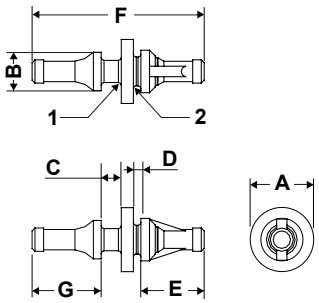


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz**/ *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

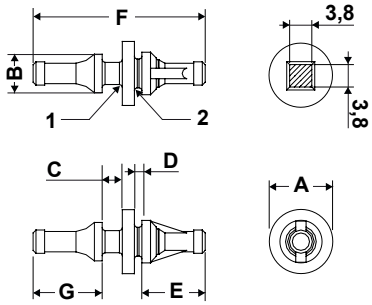
ARTIKEL *P/N*	A	B	C	D	E	F	Montage-bohrung *Mounting hole*	VPE-Stckz. *Moq-Pcs*
10578PF01	Ø 4,4	Ø 10,2	1,6	1,3	3,0	23,0	Ø 4,4	1.000
10579PF01	Ø 4,4	Ø 7,8	2,5	0,8	3,6	23,1	Ø 4,4	1.000
10580PF01	Ø 4,4	Ø 8,8	1,5	0,8	4,5	23,0	Ø 4,4	1.000
10581PF01	Ø 4,4	Ø 7,8	2,5	1,4	3,6	23,7	Ø 4,4	1.000
10582PF01	Ø 3,5	Ø 5,8	1,5	0,8	3,8	20,0	Ø 3,5	1.000
10583PF01	Ø 3,5	Ø 8,8	1,5	1,0	4,0	22,0	Ø 3,5	1.000



TYPE 1



TYPE 2



- **Lüfterseite / Fan Mounting: Bohrung / Hole:** Ø 4,5 mm
  Stärke / Thickness: 3,0 - 5,5 mm
- **Gehäuseseite / Application: Bohrung / Hole:** Ø 5,0 mm
  Stärke / Thickness: 1,0 - 2,0 mm

- **Lüfterseite / Fan Mounting: Bohrung / Hole:** Ø 4,5 mm
  Stärke / Thickness: 3,0 - 5,5 mm
- **Gehäuseseite / Application: Bohrung / Hole:** Ø 6,5 mm
  Stärke / Thickness: 1,0 - 2,0 mm

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	VPE-Stckz. *Moq-Pcs*
10584PF01	1	11,0	6,6	3,5	1,3	11,0	30,0	12,0	1.000
10585PF01	2	11,0	6,6	3,5	1,3	11,0	30,0	12,0	1.000

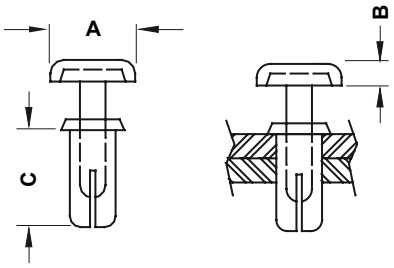
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fastpoint

Kunststoffnieten , Spreiznieten |
Plastic Rivet, Snap Rivet , Push Rivet



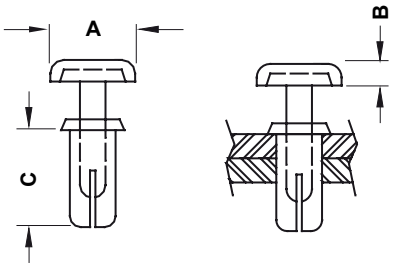


- **Material: PA 6 /** *Material: Nylon 6*
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Farbe: Schwarz** (Code AA01) oder Weiß (Code AA02) /
  Colour: Black (coding AA01) or White (coding AA02)

- **Material: PA 66/6 /** *Material: Nylon 66/6*
- **Entflammbarkeit** */ UL Flammability:* **V0 (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +110°C**
- **Farbe: Schwarz** (Code AA01) oder Weiß (Code AA02) /
  Colour: Black (coding AA01) or White (coding AA02)

ARTIKEL UL94V2 *P/N*	ARTIKEL UL94V0 *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
9687AA01	**9687AR01**	4,2	1,2	2,4	Ø 2,1 - 2,2	0,6 - 1,2	1.000
9688AA01	**9688AR01**	4,2	1,2	3,2	Ø 2,1 - 2,2	1,3 - 2,0	1.000
9689AA01	**9689AR01**	4,2	1,2	4,0	Ø 2,1 - 2,2	2,1 - 2,8	1.000
9690AA01	**9690AR01**	4,2	1,2	4,8	Ø 2,1 - 2,2	2,9 - 3,6	1.000
9691AA01	**9691AR01**	4,2	1,2	5,6	Ø 2,1 - 2,2	3,7 - 4,4	1.000
9692AA01	**9692AR01**	4,2	1,2	6,4	Ø 2,1 - 2,2	4,5 - 5,2	1.000
9693AA01	**9693AR01**	5,0	1,4	3,2	Ø 2,7 - 2,8	1,0 - 2,0	1.000
9694AA01	**9694AR01**	5,0	1,4	4,2	Ø 2,7 - 2,8	2,0 - 3,0	1.000
9695AA01	**9695AR01**	5,0	1,4	4,8	Ø 2,7 - 2,8	2,7 - 3,6	1.000
9696AA01	**9696AR01**	5,0	1,4	5,5	Ø 2,7 - 2,8	3,4 - 4,3	1.000
9697AA01	**9697AR01**	5,0	1,4	6,4	Ø 2,7 - 2,8	4,3 - 5,2	1.000
9698AA01	**9698AR01**	5,0	1,4	7,2	Ø 2,7 - 2,8	5,1 - 6,0	1.000
9699AA01	**9699AR01**	6,4	1,6	3,5	Ø 3,1 - 3,2	1,0 - 2,0	1.000
8132AA01	**8132AR01**	6,4	1,6	4,5	Ø 3,1 - 3,2	2,0 - 3,0	1.000
9701AA01	**9701AR01**	6,4	1,6	5,5	Ø 3,1 - 3,2	3,0 - 4,0	1.000
9702AA01	**9702AR01**	6,4	1,6	6,5	Ø 3,1 - 3,2	4,0 - 5,0	1.000
9703AA01	**9703AR01**	6,4	1,6	7,5	Ø 3,1 - 3,2	5,0 - 6,0	1.000
9704AA01	**9704AR01**	6,4	1,6	8,0	Ø 3,1 - 3,2	5,5 - 6,5	1.000
9705AA01	**9705AR01**	6,4	1,6	9,0	Ø 3,1 - 3,2	6,5 - 7,5	1.000
9706AA01	**9706AR01**	6,4	1,6	10,0	Ø 3,1 - 3,2	7,5 - 8,5	1.000
9707AA01	**9707AR01**	6,4	1,6	23,0	Ø 3,1 - 3,2	20,5 - 21,5	1.000
9709AA01	**9709AR01**	6,4	1,6	3,5	Ø 3,6 - 3,7	1,2 - 2,1	1.000
9710AA01	**9710AR01**	6,4	1,6	4,5	Ø 3,6 - 3,7	2,1 - 3,0	1.000
9711AA01	**9711AR01**	6,4	1,6	5,0	Ø 3,6 - 3,7	2,7 - 3,6	1.000





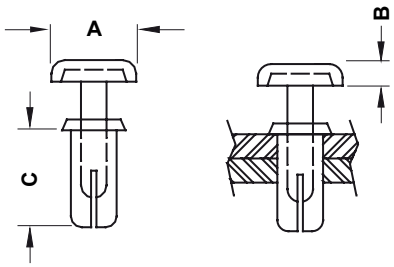
- **Material: PA 6 /** *Material: Nylon 6*
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Farbe: Schwarz** (Code AA01) oder Weiß (Code AA02) / *Colour: Black (coding AA01) or White (coding AA02)*

- **Material: PA 66/6 /** *Material: Nylon 66/6*
- **Entflammbarkeit** */ UL Flammability:* **V0 (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +110°C**
- **Farbe: Schwarz** (Code AA01) oder Weiß (Code AA02) / *Colour: Black (coding AA01) or White (coding AA02)*

ARTIKEL UL94V2 *P/N*	ARTIKEL UL94V0 *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
9712AA01	**9712AR01**	6,4	1,6	5,5	Ø 3,6 - 3,7	3,0 - 4,0	1.000
9713AA01	**9713AR01**	6,4	1,6	6,0	Ø 3,6 - 3,7	3,7 - 4,6	1.000
9714AA01	**9714AR01**	6.4	1,6	7,0	Ø 3,6 - 3,7	4,5 - 5.5	1.000
9715AA01	**9715AR01**	6,4	1,6	8,0	Ø 3,6 - 3,7	5,5 - 6,5	1.000
9717AA01	**9717AR01**	8,0	1,8	5,0	Ø 4,1 - 4,2	2,5 - 3,5	1.000
9718AA01	**9718AR01**	8,0	1,8	6,0	Ø 4,1 - 4,2	3,5 - 4,5	1.000
8130AA01	**8130AR01**	8,0	1,8	7,0	Ø 4,1 - 4,2	4,5 - 5,5	1.000
8131AA01	**8131AR01**	8,0	1,8	8,0	Ø 4,1 - 4,2	5,5 - 6,5	1.000
9721AA01	**9721AR01**	8,0	1,8	9,0	Ø 4,1 - 4,2	6,5 - 7,5	1.000
9722AA01	**9722AR01**	8,0	1,8	10,0	Ø 4,1 - 4,2	7,5 - 8,5	1.000
9723AA01	**9723AR01**	8,0	1,8	12,0	Ø 4,1 - 4,2	9,0 - 10,5	1.000
9724AA01	**9724AR01**	9,0	2,2	4,5	Ø 5,1 - 5,2	1,5 - 2,5	1.000
9725AA01	**9725AR01**	9,0	2,2	5,5	Ø 5,1 - 5,2	2,5 - 3,5	1.000
9726AA01	**9726AR01**	9,0	2,2	6,5	Ø 5,1 - 5,2	3,5 - 4,5	1.000
9727AA01	**9727AR01**	9,0	2,2	7,5	Ø 5,1 - 5,2	4,5 - 5,5	1.000
9728AA01	**9728AR01**	9,0	2,2	8,5	Ø 5,1 - 5,2	5,5 - 6,5	1.000
9729AA01	**9729AR01**	9,0	2,2	9,5	Ø 5,1 - 5,2	6,5 - 7,5	1.000
9730AA01	**9730AR01**	9,0	2,2	10,5	Ø 5,1 - 5,2	7,5 - 8,5	1.000
9731AA01	**9731AR01**	12,0	2,5	6,0	Ø 6,1 - 6,2	2,5 - 4,0	1.000
9732AA01	**9732AR01**	12,0	3,0	8,0	Ø 6,1 - 6,2	3,5 - 5,5	1.000

HOCHTEMPERATUR SPREIZNIETE
SNAP RIVET HIGH TEMPERATURE





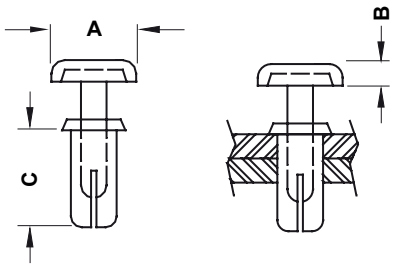
- **Material: PA 4.6 /** *Material: Nylon 4.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +150°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Beige** */ Colour: Beige*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
9687AM15	4,2	1,2	2,4	Ø 2,1 - 2,2	0,6 - 1,2	1.000
9688AM15	4,2	1,2	3,2	Ø 2,1 - 2,2	1,3 - 2,0	1.000
9689AM15	4,2	1,2	4,0	Ø 2,1 - 2,2	2,1 - 2,8	1.000
9690AM15	4,2	1,2	4,8	Ø 2,1 - 2,2	2,9 - 3,6	1.000
9691AM15	4,2	1,2	5,6	Ø 2,1 - 2,2	3,7 - 4,4	1.000
9692AM15	4,2	1,2	6,4	Ø 2,1 - 2,2	4,5 - 5,2	1.000
9693AM15	5,0	1,4	3,2	Ø 2,7 - 2,8	1,0 - 2,0	1.000
9694AM15	5,0	1,4	4,2	Ø 2,7 - 2,8	2,0 - 3,0	1.000
9695AM15	5,0	1,4	4,8	Ø 2,7 - 2,8	2,7 - 3,6	1.000
9696AM15	5,0	1,4	5,5	Ø 2,7 - 2,8	3,4 - 4,3	1.000
9697AM15	5,0	1,4	6,4	Ø 2,7 - 2,8	4,3 - 5,2	1.000
9698AM15	5,0	1,4	7,2	Ø 2,7 - 2,8	5,1 - 6,0	1.000
9699AM15	6,4	1,6	3,5	Ø 3,1 - 3,2	1,0 - 2,0	1.000
8132AM15	6,4	1,6	4,5	Ø 3,1 - 3,2	2,0 - 3,0	1.000
9701AM15	6,4	1,6	5,5	Ø 3,1 - 3,2	3,0 - 4,0	1.000
9702AM15	6,4	1,6	6,5	Ø 3,1 - 3,2	4,0 - 5,0	1.000
9703AM15	6,4	1,6	7,5	Ø 3,1 - 3,2	5,0 - 6,0	1.000
9704AM15	6,4	1,6	8,0	Ø 3,1 - 3,2	5,5 - 6,5	1.000
9705AM15	6,4	1,6	9,0	Ø 3,1 - 3,2	6,5 - 7,5	1.000
9706AM15	6,4	1,6	10,0	Ø 3,1 - 3,2	7,5 - 8,5	1.000
9707AM15	6,4	1,6	23,0	Ø 3,1 - 3,2	20,5 - 21,5	1.000
9709AM15	6,4	1,6	3,5	Ø 3,6 - 3,7	1,2 - 2,1	1.000
9710AM15	6,4	1,6	4,5	Ø 3,6 - 3,7	2,1 - 3,0	1.000
9711AM15	6,4	1,6	5,0	Ø 3,6 - 3,7	2,7 - 3,6	1.000

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SPREIZNIETE HOCHTEMPERATUR
SNAP RIVET HIGH TEMPERATURE

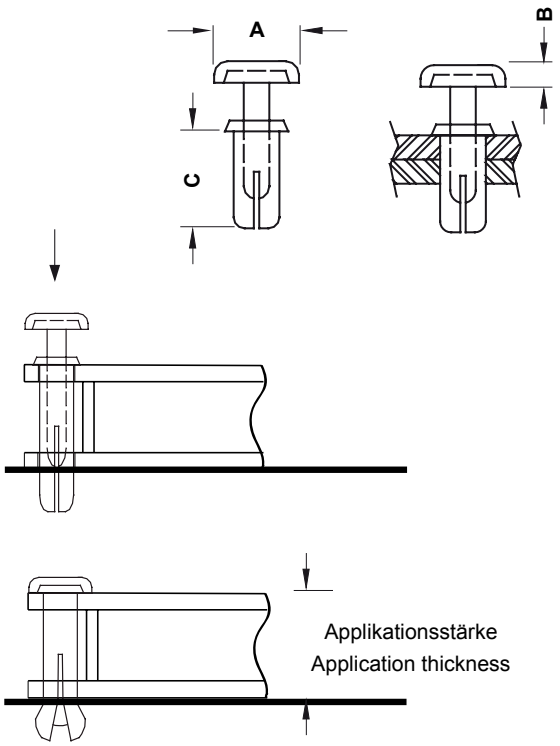




- **Material: PA 4.6 /** *Material: Nylon 4.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +150°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Beige** */ Colour: Opak*
- **Alle Maße sind in mm /** *All dimensions are in mm*

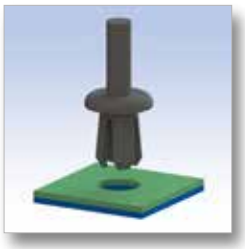
ARTIKEL *P/N*	**A**	**B**	**C**	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
9712AM15	6,4	1,6	5,5	Ø 3,6 - 3,7	3,0 - 4,0	1.000
9713AM15	6,4	1,6	6,0	Ø 3,6 - 3,7	3,7 - 4,6	1.000
9714AM15	6.4	1,6	7,0	Ø 3,6 - 3,7	4,5 - 5.5	1.000
9715AM15	6,4	1,6	8,0	Ø 3,6 - 3,7	5,5 - 6,5	1.000
9717AM15	8,0	1,8	5,0	Ø 4,1 - 4,2	2,5 - 3,5	1.000
9718AM15	8,0	1,8	6,0	Ø 4,1 - 4,2	3,5 - 4,5	1.000
8130AM15	8,0	1,8	7,0	Ø 4,1 - 4,2	4,5 - 5,5	1.000
8131AM15	8,0	1,8	8,0	Ø 4,1 - 4,2	5,5 - 6,5	1.000
9721AM15	8,0	1,8	9,0	Ø 4,1 - 4,2	6,5 - 7,5	1.000
9722AM15	8,0	1,8	10,0	Ø 4,1 - 4,2	7,5 - 8,5	1.000
9723AM15	8,0	1,8	12,0	Ø 4,1 - 4,2	9,0 - 10,5	1.000
9724AM15	9,0	2,2	4,5	Ø 5,1 - 5,2	1,5 - 2,5	1.000
9725AM15	9,0	2,2	5,5	Ø 5,1 - 5,2	2,5 - 3,5	1.000
9726AM15	9,0	2,2	6,5	Ø 5,1 - 5,2	3,5 - 4,5	1.000
9727AM15	9,0	2,2	7,5	Ø 5,1 - 5,2	4,5 - 5,5	1.000
9728AM15	9,0	2,2	8,5	Ø 5,1 - 5,2	5,5 - 6,5	1.000
9729AM15	9,0	2,2	9,5	Ø 5,1 - 5,2	6,5 - 7,5	1.000
9730AM15	9,0	2,2	10,5	Ø 5,1 - 5,2	7,5 - 8,5	1.000
9731AM15	12,0	2,5	6,0	Ø 6,1 - 6,2	2,5 - 4,0	1.000
9732AM15	12,0	3,0	8,0	Ø 6,1 - 6,2	3,5 - 5,5	1.000

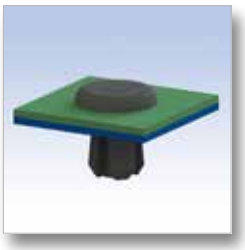




- **Material: PA 6 /** *Material: Nylon 6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** (Code AA01) oder Weiß (Code AA02) / *Colour: Black (coding AA01) or White (coding AA02)*
- **Alle Maße sind in mm /** *All dimensions are in mm*

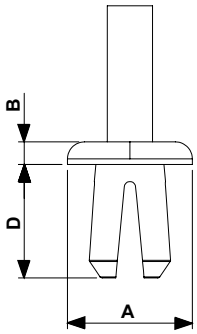
ARTIKEL *P/N*	**A**	**B**	**C**	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
10768AA01	6,4	1,6	13,0	3,1 - 3,2	10,0 - 11,0		1.000
10769AA01	6,4	1,6	15,5	3,1 - 3,2	11,5 - 13,0		1.000
10770AA01	6,4	1,6	18,5	3,1 - 3,2	15,0 - 16,5		1.000
10771AA01	6,4	1,6	23,0	3,6 - 3,7	18,5 - 20,0		1.000
10772AA01	8,0	2,0	13,7	4,1 - 4,2	11,0 - 12,0		1.000
10773AA01	8,0	2,0	15,5	4,1 - 4,2	12,0 - 13,0		1.000
10774AA01	8,0	2,0	20,0	4,1 - 4,2	15,0 - 17,0		1.000
10775AA01	8,0	2,0	24,5	4,1 - 4,2	22,0 - 23,0		1.000



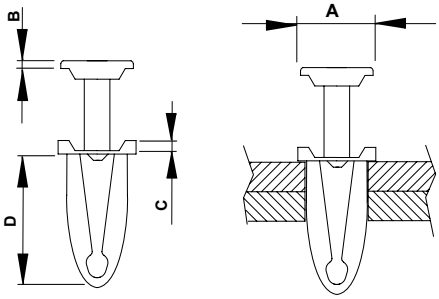




TYPE 1



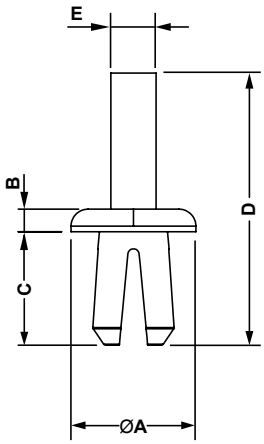
TYPE 2



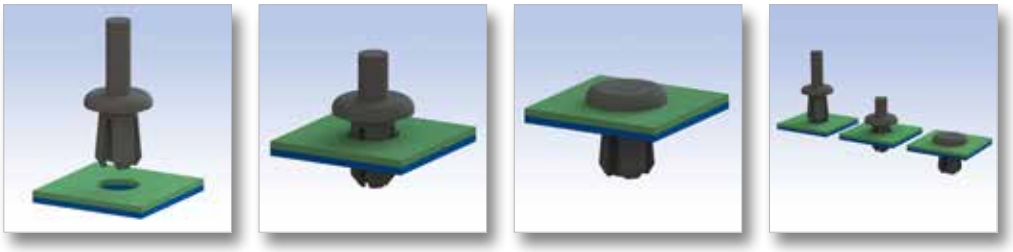
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
0201AA01	1	6,3	1,8	-	6,5	Ø 3,6	3,0- 5,0	**Schwarz /** *Black*	5.000
6715AA00	1	7,1	1,9	-	7,6	Ø 4,0	1,6 - 5,5	**Natur** / *Natural*	1.000
6716AA00	1	7,1	1,9	-	7,4	Ø 4,8	1,6 - 5,5	**Natur** / *Natural*	1.000
0207AA01	1	9,5	2,0	-	12,0	Ø 5,5	2,0 - 7,5	**Schwarz oder Natur**/Black or *Natural*	2.500
0209AA00	1	11,0	2,0	-	10,0	Ø 6,2	2,5 - 7,5	**Natur** / *Natural*	2.500
0209AA01	1	11,0	2,0	-	10,0	Ø 6,2	2,5 - 7,5	**Schwarz /** *Black*	2.500
2531AA01	1	14,0	2,0	-	15,0	Ø 6,5	3,5 - 11	**Schwarz oder Natur**/Black or *Natural*	2.500
0458AA01	1	15,0	2,0	-	12,0	Ø 6,5	2,5 - 10	**Schwarz /** *Black*	2.500
5594AA01	1	16,0	2,0	-	13,0	Ø 8,0	3,0 - 6,0	**Schwarz /** *Black*	1.000
14113AA01	1	16,0	2,0	-	12,0	Ø 7,9 - 8,7	4,0 - 7,0	**Schwarz /** *Black*	1.000
0467AA01	2	Ø 9,5	1,6	1,7	14,5	Ø 6 - 6,5	1,0 - 4,0	**Schwarz oder Natur**/Black or *Natural*	1.000



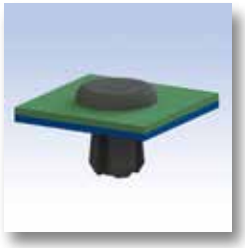


MONTAGE / *ASSEMBLY*

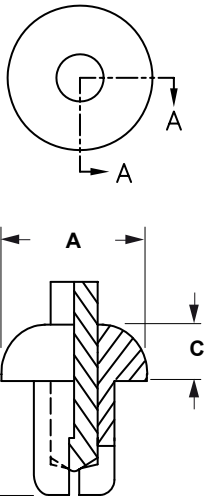


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
12785AA01	8,7	2,0	7,9	17,8	3,3	Ø 4,8	1,0 - 2,5	**Schwarz** / *Black*	1.000
12785AA00	8,7	2,0	7,9	17,8	3,3	Ø 4,8	1,0 - 2,5	**Natur** / *Natural*	1.000
12785AA11	8,7	2,0	7,9	17,8	3,3	Ø 4,8	1,0 - 2,5	**Grau 7035** / *Gray 7035*	1.000



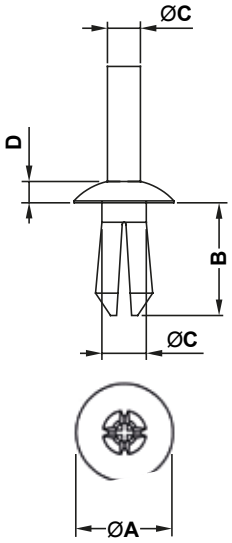




- **Material: PA 6 /** *Material: Nylon 6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** */ Colour: Black*
- **Farbe: Weiß auf Anfrage** */ Colour: White by special request*
- **Alle Maße sind in mm /** *All dimensions are in mm*

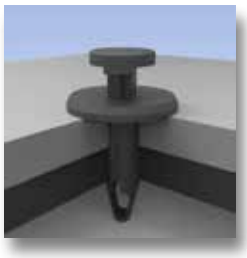
ARTIKEL *P/N*	**A**	**B**	**C**	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
9747AA01	5,8	4,6	2,0	Ø 3,1	2,0 - 3,0		1.000
9748AA01	5,8	5,6	2,0	Ø 3,1	3,0 - 4,1		1.000
9749AA01	8,1	5,1	2,2	Ø 4,1	2,0 - 3,5		1.000
9750AA01	8,1	6,1	2,2	Ø 4,1	3,5 - 4,5		1.000
9751AA01	9,9	5,1	3,3	Ø 4,8	1,3 - 3,0		1.000
9752AA01	9,4	5,1	2,8	Ø 5,1	2,0 - 3,0		1.000
9753AA01	9,4	6,1	2,8	Ø 5,1	3,0 - 4,0		1.000
9754AA01	9,4	7,1	2,8	Ø 5,1	4,0 - 5,0		1.000
9755AA01	9,4	8,1	2,8	Ø 5,1	5,0 - 6,0		1.000
9756AA01	9,4	8,9	2,8	Ø 5,1	6,0 - 7,0		1.000
9757AA01	9,4	9,9	2,8	Ø 5,1	7,0 - 8,0		1.000
9907AA01	17,0	15,5	5,5	Ø 8,6	6,0 - 11,0		1.000
9908AA01	17,0	21,0	5,5	Ø 8,6	12,0 - 17,0		1.000

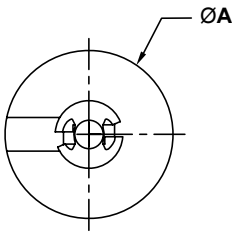


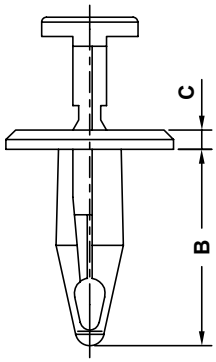


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	ØA	B	ØC	D	ØE	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
11472AA01	16,0	11,0	5,4	2,1	3,0	Ø 5,5 - 6,4	2,5 - 7,0	1.000



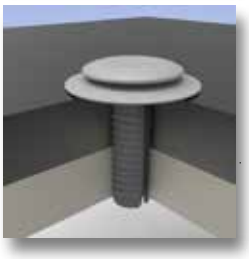


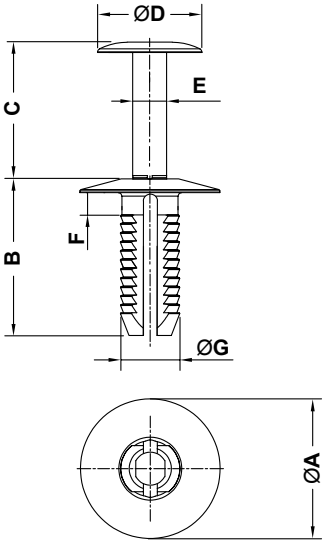


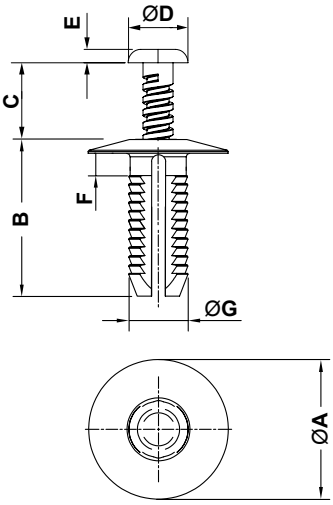
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maß sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12850AA01	Ø 17,4	20,4	2,0	Ø 6,3	1,5 - 8,9		1.000







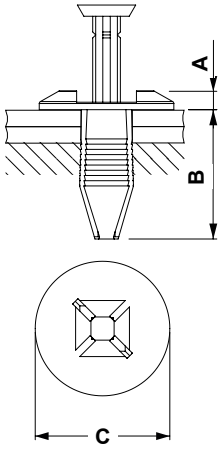


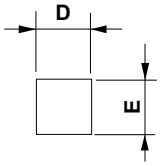
- **Material: PA 6** / *Material: Nylon 6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
11622AA117035	Ø 20,2	21,7	21,0	Ø 15,0	4,9	2,5	Ø 8,2	**Grau** / *Gray RAL 7035*	1.000
8117AA01	Ø 20	16,3	9,5	Ø 9,9	2,3	3,0	Ø 8,8	**Schwarz** / *Black*	1.000





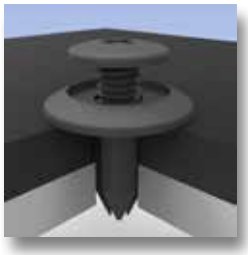




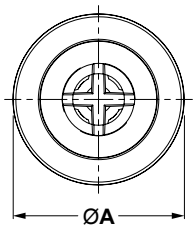
MONTAGEBOHRUNG /
MOUNTING HOLE

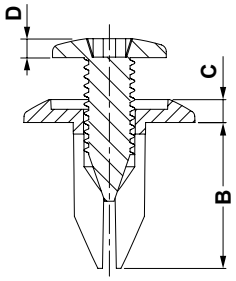
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12049AA01	2,5	17,3	Ø 18,0	6,3	6,3	4,0 - 7,0	1.000





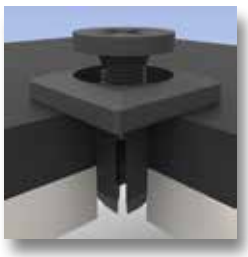


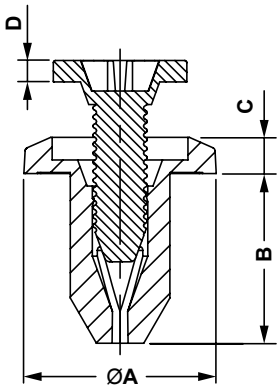


- **Material: PA 6** / *Material: Nylon 6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12938AA01	Ø 15,1	12,7	2,0	1,6	Ø 6,4	3,2 - 4,4		1.000



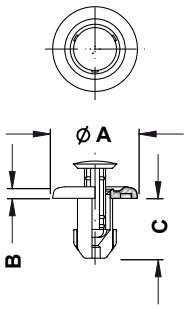




- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / Working temperature**: -25°C ~ +60°C**
- **Farbe: Siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Farbe Colour	VPE-Stckz. *Moq-Pcs*
12937CA01	Ø 17,0	15,0	3,2	1,9	☒ 9,0 X 9,0	6,7	**Schwarz** / *Black*	1.000
12937CA11	Ø 17,0	15,0	3,2	1,9	☒ 9,0 X 9,0	6,7	**Grau** / *Gray*	1.000

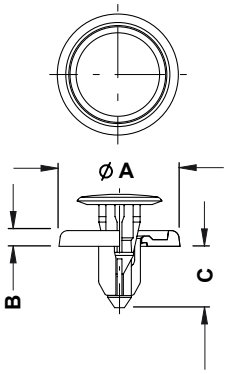




- **Material: POM /** *Material: POM*
- **Temperaturbereich /** Working temperature**: -35°C ~ + 100°C**
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**

- **Farbe: Schwarz /** *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

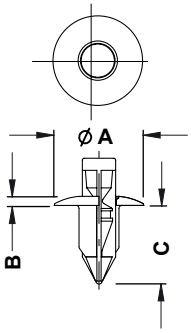




- **Material: Niete POM /** *Material: Rivet POM*
- **Material: Pin PBT GV15% /** *Material: Pin PBT GF 15%*
- **Temperaturbereich /** Working temperature**: -35°C ~ + 100°C**

- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Entflammbarkeit** */ UL Flammability***: V0 (UL94)**
- **Farbe: Schwarz /** *Colour: Black*





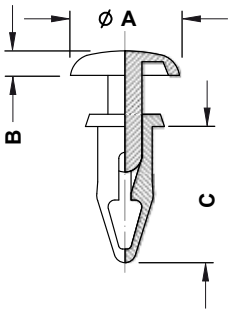
- **Material: POM /** *Material: POM*
- **Temperaturbereich /** Working temperature**: -35°C ~ + 100°C**
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**

- **Farbe: Schwarz /** *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
10518GA01	14,0	1,9	9,9	Ø 6,0	4,1 - 5,0		1.000
10519GA01	20,0	2,6	8,1	Ø 7,0	1,5 - 2,5		1.000
10520GA01	14,8	1,5	13,5	Ø 7,0	3,0 - 3,5		1.000

DRUCKSPREIZNIETE WIEDERÖFFENBAR
PUSH LOCK RIVETS REMOVABLE





- **Material: Niet: PA 6** / *Material: Rivet Nylon 6*
- **Material: Pin: POM** / *Material: Pin : POM*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Entflammbarkeit : Niet** / Rivet *UL Flammability:* **V2 (UL94)**
- **Entflammbarkeit : Pin** / *UL Flammability: Pin* **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**

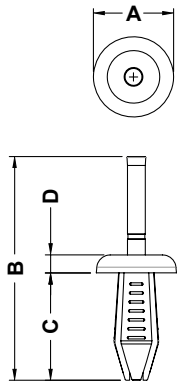
ARTIKEL *P/N*	A	B	C	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
9825AA01	6,4	1,6	9,8	Ø 3,6	2,0 - 3,5		1.000
9826AA01	6,4	1,6	11,4	Ø 3,6	3,5 - 5,0		1.000
9827AA01	6,4	1,6	13,6	Ø 3,6	5,0 - 6,5		1.000
9828AA01	8,0	1,8	10,0	Ø 4,1	2,0 - 3,5		1.000
9829AA01	8,0	1,8	12,0	Ø 4,1	3,5 - 5,5		1.000
9830AA01	8,0	1,8	14,0	Ø 4,1	5,5 - 7,5		1.000
9831AA01	9,0	2,2	11,4	Ø 4,9	2,0 - 3,5		1.000
9832AA01	9,0	2,2	13,2	Ø 4,9	3,5 - 5,5		1.000
9833AA01	9,0	2,2	15,2	Ø 4,9	5,5 - 7,5		1.000

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- **Material: PA 6.6** / *Material: NYLON 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	**Bohrung** *Hole*	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
8281AA08	Ø 11,0	25,4	12,0	2,0	Ø 4,0	**Blau** */ Blue*	1.000
8289AA12	Ø 11,0	30,0	13,0	2,0	Ø 6,0 - 6,4	**Orange** */ Orange*	1.000

Das Tool für die Produktanwendung ist auf Anfrage erhältlich */ By request is available a rivet tool for the application of the product.*

MONTAGE / ASSEMBLY



Niete in das Werkzeug einlegen
/ Place the rivet into the tool.



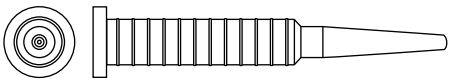
Oder net positionieren */ Place the rivet into the hole.*



Niete eindrücken */ Push the top of the tool.*

DRUCKSPREIZNIETE WIEDERÖFFENBAR
PUSH LOCK RIVETS REMOVABLE



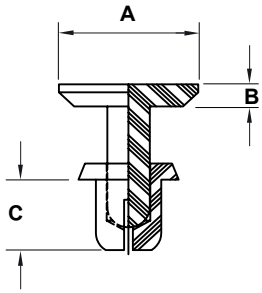


- **Farbe: siehe Tabelle** / Colour: see Table
- **Material: ABS** */ Material: ABS*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	Gewicht *Weight*	Druck *Pressure*	Color *Colour*	HILFSWERKZEUG FÜR SPREIZNIETE *SUITABLE FOR SNAP RIVETS*
8201XX04	623,69 gr	50-70	**Rot** / *Red*	8281AA08
8201XX10	623,69 gr	50-70 PSI	**Grün** / *Green*	8289AA11

SPREIZNIETE WIEDERÖFFENBAR
SNAP RIVET RELEASABLE





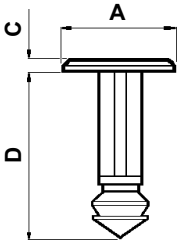
- **Material: PA 6** / *Material: Nylon 6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Farbe: Weiß auf Anfrage** / *Colour: White of special request*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
9733AA01	**6,4**	1,0	3,5	Ø 3,1	1,0 - 2,0		1.000
9734AA01	**6,4**	1,0	4,5	Ø 3,1	2,0 - 3,0		1.000
9735AA01	**6,4**	1,0	5,5	Ø 3,1	3,0 - 4,0		1.000
9736AA01	**6,0**	1,0	6,5	Ø 3,1	4,0 - 5,0		1.000
9737AA01	**6,0**	1,0	7,5	Ø 3,1	5,0 - 6,0		1.000
9738AA01	**6,0**	1,0	8,0	Ø 3,1	5,0 - 6,5		1.000
9739AA01	**6,4**	1,0	9,0	Ø 3,1	6,5 - 7,5		1.000
9740AA01	**6,4**	1,0	10,0	Ø 3,1	7,5 - 8,5		1.000
9741AA01	**6,4**	1,0	3,5	Ø 3,6	1,0 - 2,0		1.000
9742AA01	**6,4**	1,0	4,5	Ø 3,6	2,0 - 3,0		1.000
9743AA01	**6,0**	1,0	5,5	Ø 3,6	3,0 - 4,0		1.000
9744AA01	**6,0**	1,0	6,0	Ø 3,6	3,5 - 4,5		1.000
9745AA01	**6,0**	1,0	7,0	Ø 3,6	4,5 - 5,5		1.000
9746AA01	**6,0**	1,0	8,0	Ø 3,6	5,5 - 6,5		1.000

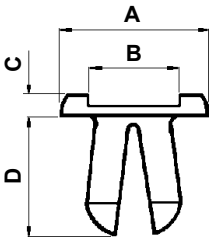
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TYPE 1



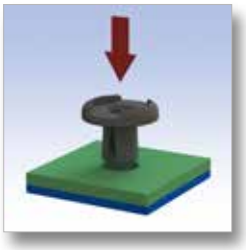
TYPE 2



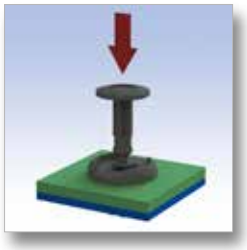
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Material *Material*	Farbe Colour	VPE-Stckz. *Moq-Pcs*
4731AB01XS	1	12,2	-	2,2	17	-	-	PA 6.6 20% CV	**Schwarz** / Black	2.500
4731AB02XS	1	12,2	-	2,2	17	-	-	PA 6.6 20% CV	**Weiß** / White	2.500
4732AA01XS	2	16,0	12,5	3,3	9,6	Ø 7,5 - 8	3,0 - 6,5	PA 6.6	**Schwarz** / Black	2.500
4732AA02XS	2	16,0	12,5	3,3	9,6	Ø 7,5 - 8	3 - 6,5	PA 6.6	**Weiß** / White	2.500

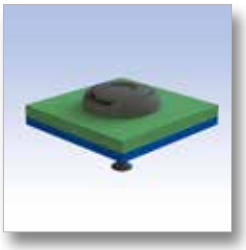
MONTAGE / *ASSEMBLE*



Das Unterteil in beide Bohrungen einführen.
Insert the female Nylonrt into the two holes.



Das Oberteil (Pin) komplett eindrücken.
Push the male Nylonrt right to the bottom.



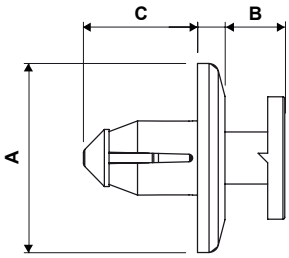
Geschlossene Stellung.
Closed position.



Zur Demontage, den Pin mit einem Werkzeug unter dem Kopf aushebeln.
To uncouple the two Nylonnels, unhook the male Nylonrt by using a tool under its head.

NIETE WIEDERLÖSBAR 1/4 DREHUNG
QUARTER TURN RIVET

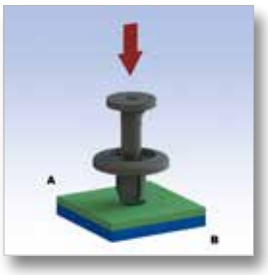




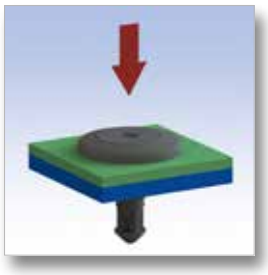
- **Material: POM** / *Material: POM*
- **Temperaturbereich** / Working temperature**: -40°C ~ +90°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
8095GA01	17,9	2,3	16,2	Ø 6,0	3,0 - 5,0	1.000
8096GA01	16,0	2,3	14,2	Ø 7,0	2,5 - 5,0	1.000
8097GA01	19,9	2,9	18,3	Ø 8,0	3,5 - 6,0	1.000
8098GA01	18,7	3,6	25,4	Ø 9,0	4,0 - 7,5	1.000

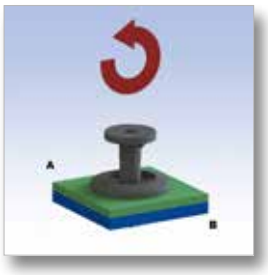
MONTAGE / *ASSEMBLE*



Den Niete mittig in die Bohrung einsetzen.
Centre and insert the rivet into the hole.



Das Oberteil (Pin) komplett eindrücken.
Push the rivet with a soft hammer right to the bottom.

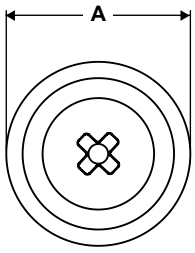


Zur Demontage den Kopf um 90° drehen.
Quarter turn to realise.

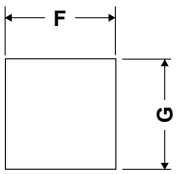
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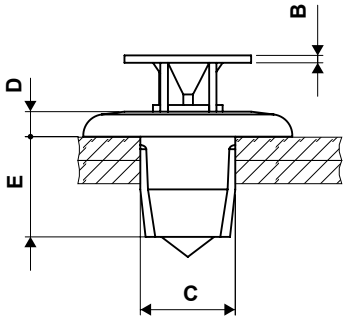
NIETE WIEDERLÖSBAR 1/4 DREHUNG
QUARTER TURN RIVET





MONTAGEBOHRUNG /
MOUNTING HOLE





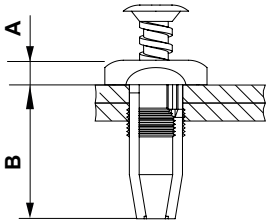
- **Material: POM** / *Material: POM*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / Working temperature**: -40°C ~ +90°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

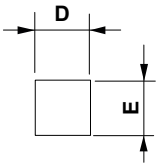
ARTIKEL *P/N*	A	B	C	D	E	F	G	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12051GA01	Ø20,0	2,5	9,5	2,5	9,5	9,0	9,0	9,0 x 9,0	4,0 . 4,5	1.000

SCHLAG - SCHRAUBNIETEN
SCRIVETS

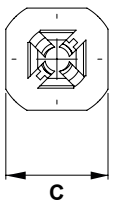








MONTAGEBOHRUNG /
MOUNTING HOLE



- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
12050AA01	3,0	16,4	12,5x12,5	6,5	6,5	3,6 - 4,4	1.000

TYPE 1



TYPE 2



TYPE 3



TYPE 4

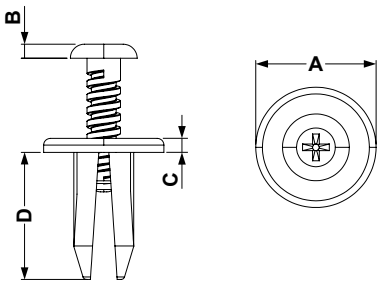


TYPE 5



TYPE 6

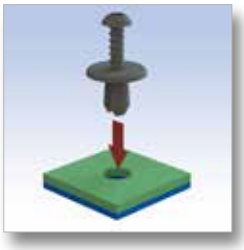




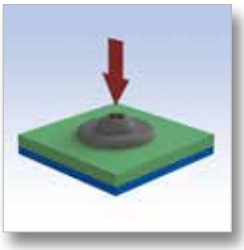
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
8110AA01	1	12,0	2,3	1,55	11,0	Ø 5,0	3,8 - 6,0		1.000
8116AA01	2	16,0	2,3	1,6	11,0	Ø 6,5	4,0 - 6,5		1.000
2494AA01	3	12,8	3,0	2,0	11,5	Ø 6,2-6,5	3,0 - 6,0		2.500
0962AA01	4	18,5	2,0	2,5	19,0	Ø 8,0	6,0 - 14,0		2.500
8119AA01	5	18,0	2,1	2,1	19,0	Ø 9,0	6,0 - 14,0		1.000
8120AA01	6	19,0	2,0	2,2	19,0	Ø 10,0	6,0 - 14,0	Pin vormontiert /Pin is pre-assembled in the body	1.000

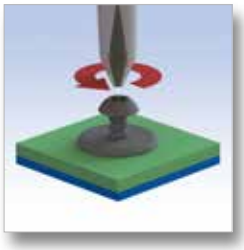
MONTAGE / *ASSEMBLE*



Die Schraubniete in die Bohrung einsetzen.
Insert the scrivet into the hole.

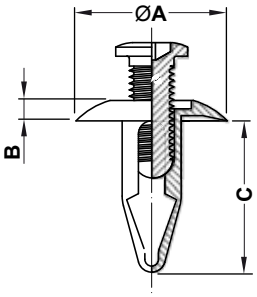


Den Gewindeschaft eindrücken.
Push the screw with a soft hammer.



Zur Demontage, den Gewindeschaft mit einem Schraubendreher lösen
Unscrew the pin with a screwdriver.

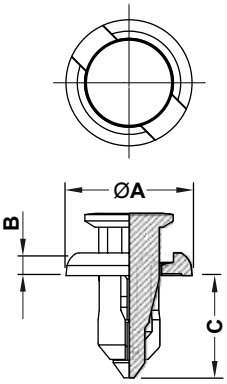




- **Material: Niet: PA 6** / *Material: Rivet PA 6*
- **Material: Pin: POM** / *Material: Pin : POM*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit : Niet** / Rivet *UL Flammability:* **V2 (UL94)**
- **Entflammbarkeit : Pin** / *UL Flammability: Pin* **HB (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
10514AA01	14,0	1,5	16,2	Ø 6,1	2,0 - 3,0	Schwarz / Black	1.000
10515AA01	20,0	2,7	20,0	Ø 8,0	3,5 - 4,5	Schwarz / Black	1.000



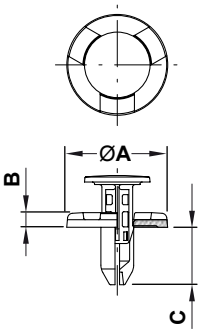


- **Material Niete: siehe Tabelle** / *Material Rivet: see Table*
- **Material: Pin PP** / *Material: Pin PP*
- **Temperaturbereich** / Working temperature**: -35°C ~ + 100°C**
- **Entflammbarkeit** / *UL Flammability:*
  - **POM:** *UL94-HB*
  - **PP:** *UL94-HB*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Material *Material*	VPE-Stckz. *Moq-Pcs*
10516GA01	20,0	3,6	17,3	Ø 10,0	3,5 - 4,0	POM	1.000
9877AA01	20,0	3,6	13,3	Ø 10,0	4,0 - 5,0	PA 66	1.000

TYPE 1

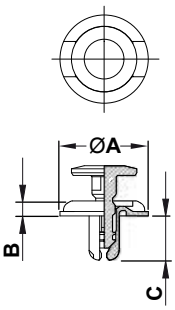




- **Material: POM /** *Material: POM*
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ + 100°C**
- **Farbe: Schwarz** / *Colour: Black*

TYPE 2

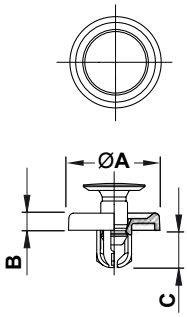




- **Material: Niete POM /** *Rivet POM*
- **Material: Pin PP /** *Pin PP*
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ + 100°C**
- **Farbe: Schwarz** / *Colour: Black*

TYPE 3

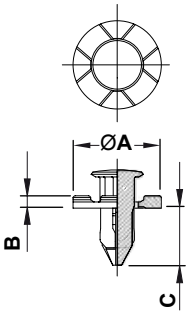




- **Material: POM /** *Material: POM*
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ + 100°C**
- **Farbe: Schwarz** / *Colour: Black*

TYPE 4



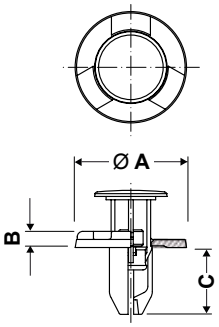


- **Material: Niete POM /** *Rivet POM*
- **Material: Pin PA 6 /** *Pin Nylon 6*
- **Entflammbarkeit : Niete** */ UL Flam.:Rivet* **HB (UL94)**
- **Entflammbarkeit : PIN** */ UL Flam.:PIN V2(UL94)*
- **Temperaturbereich /** Working temperature**: -35°C ~ + 85°C**
- **Farbe: Schwarz** / *Colour: Black*

ARTIKEL *P/N*	A	B	C	TYPE	Stärke *Thickness*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
10521GA01	20,0	2,9	11,4	1	4,0 - 6,5	Ø 7,0	1.000
10522GA01	20,0	3,4	10,0	2	2,5 - 5,0	Ø 7,0	1.000
10523GA01	18,1	3,4	7,4	3	3,0 - 4,0	Ø 7,2	1.000
10524GA01	20,0	2,8	13,5	4	3,0 - 5,0	Ø 8,0	1.000

TYPE 1

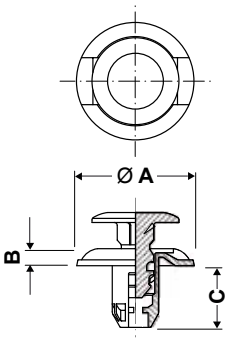




- **Material: POM /** *Material: POM*
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ + 100°C**
- **Farbe: Schwarz** / *Colour: Black*

TYPE 2

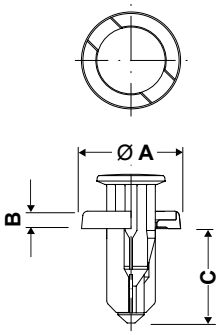




- **Material: Niete POM /** *Rivet POM*
- **Material: Pin PP /** *Pin PP*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ + 100°C**
- **Farbe: Schwarz** / *Colour: Black*

TYPE 3

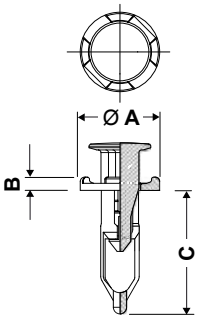




- **Material: POM /** *Material: POM*
- **Entflammbarkeit** */ UL Flammability:* **HB (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ + 100°C**
- **Farbe: Schwarz** / *Colour: Black*

TYPE 4





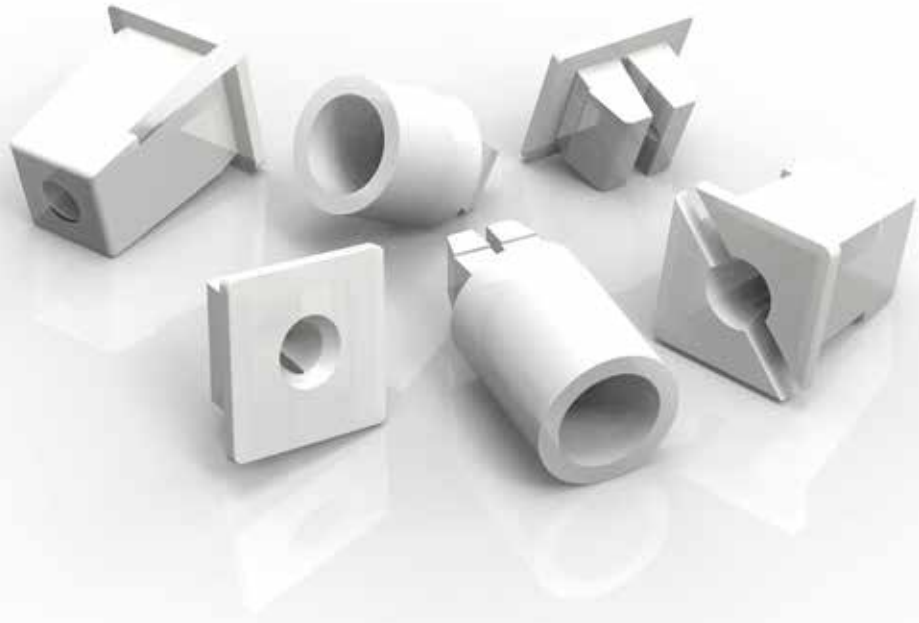
- **Material: Niete POM /** *Rivet POM*
- **Material: Pin PBT 15% GV /** *Pin PBT 15% GF*
- **Entflammbarkeit /** *UL Flammability***: Niete /** *Rivet* **HB (UL94)**
- **Entflammbarkeit /** *UL Flammability***: Pin /** *Plin* **V0 (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ + 100°C**
- **Farbe: Schwarz** / *Colour: Black*

ARTIKEL *P/N*	A	B	C	TYPE	Stärke *Thickness*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
10525GA01	20,0	2,9	12,0	1	4,5 - 6,5	Ø 8,0	1.000
10526GA01	20,0	2,9	10,5	2	2,5 - 5,0	Ø 8,0	1.000
10527GA01	16,0	2,6	9,8	3	4,1 - 4,2	Ø 8,0	1.000
10528GA01	18,0	3,1	28,1	4	3,8 - 4,8	Ø 9,0	1.000

ANMERKUNGEN - Notes

fastpoint

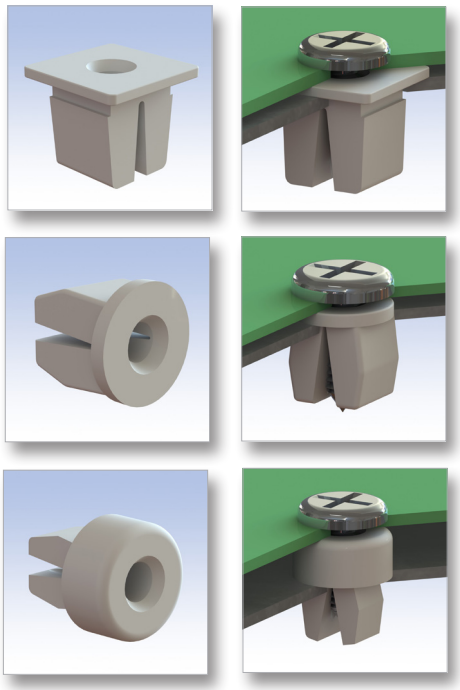
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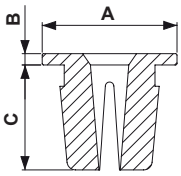


fastpoint

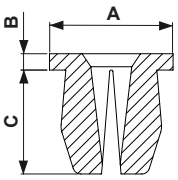
Anschraubsockel , Spreizmuttern | *Screw grommets*

SCHRAUBSOCKEL
SCREW GROMMETS

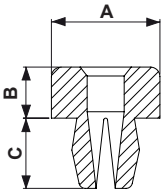




TYPE 1



TYPE 2



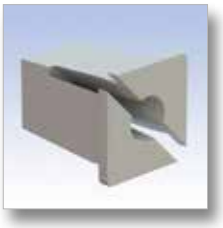
TYPE 3

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

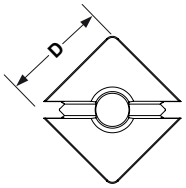
ARTIKEL *P/N*	**TYPE**	A	B	C	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
0110AA00	1	⍁ 9,0	1,4	5,6	⍁ 5,5	0,5 - 2,0	ST 2.9 - ST 3.9	5.000
4702AA00	1	⍁ 9,5	0,8	4,5	⍁ 6,2	0,8 - 1,5	ST 3.9 - ST 4.2	2.500
4709AA00	1	⍁ 9,5	0,8	7,5	⍁ 6,5	0,8 - 3,0	ST 3.9 - ST 4.2	2.500
0112AA00	1	⍁ 9,5	1,0	8,0	⍁ 7,0	0,8 - 2,5	ST 4.2	2.500
0108AA00	2	Ø 8,5	1,2	5,5	⍁ 4,5	0,8 - 2,5	ST 3.9	2.500
0115AA00	2	Ø 9,5	1,0	8,0	⍁ 7,0	0,8 - 3,0	ST 4.2	2.500
0116AA00	2	Ø 13,0	1,0	8,0	⍁ 7,0	0,8 - 3,0	ST 4.2 - ST 4.8	2.500
0117AA00	3	Ø 8,5	4,0	5,5	⍁ 4,5	0,8 - 2,5	ST 3.9	2.500
1092AA00	3	Ø 8,5	5,0	5,5	⍁ 4,5	0,8 - 2,5	ST 3.9	2.500
0118AA00	3	Ø 7,0	3,5	7,0	⍁ 6,5	0,8 - 3,0	ST 3.9	2.500
0120AA00	3	Ø 12,5	4,5	8,0	⍁ 7,0	0,8 - 3,0	ST 4.2 - ST 4.8	2.500
0122AA00	3	Ø 12,5	7,0	8,0	⍁ 7,0	0,8 - 3,0	ST 4.2 - ST 4.8	2.500
0123AA00	3	Ø 12,5	10,5	8,0	⍁ 7,0	0,8 - 3,0	ST 4.2 - ST 4.8	2.500
0124AA00	3	Ø 12,5	16,0	8,0	⍁ 7,0	0,8 - 3,0	ST 4.2 - ST 4.8	2.500
0954AA00	3	Ø 12,5	20,0	8,0	⍁ 7,0	0,8 - 3,0	ST 4.2 - ST 4.8	2.500

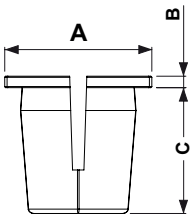
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TYPE 1





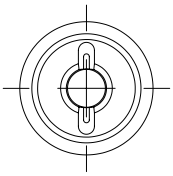


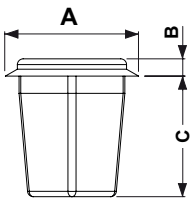


TYPE 2









- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	D	**Bohrung** *Hole*	**Stärke** *Thickness*	**Schraube** Screw	**Anm.** *Notes*	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
0093AA00	1	12,2	1,0	11,0	⍁ 9,2	⍁ 7,0	0,5 - 2,0	8 P	FC	**Natur/** *Natural*	2.500
0098AA00	1	12,2	1,0	11,0	⍁ 9,2	⍁ 7,0	0,5 - 2,0	8 P	-	**Natur / Natural**	2.500
3515AA00	1	12,8	0,8	11,5	⍁ 11,0	⍁ 8,0	0,7 - 2,0	10 P	-	**Natur/ Natural**	2.500
0101AA00	1	15,0	1,2	18,0	⍁ 12,2	⍁ 9,5	0,5 - 2,0	8 -10 P	-	**Natur / Natural**	2.500
0486AA01	2	Ø 11,5	1,3	10,5	-	⍁ 7,0	0,5 - 1,0	7 - 8 P	ST-AC	**Schwarz / Black**	2.500

ANMERKUNGEN - Notes

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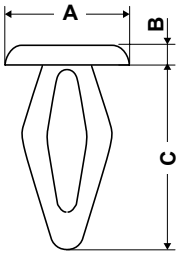


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Befestigungsclipse | *Fastener Clips*

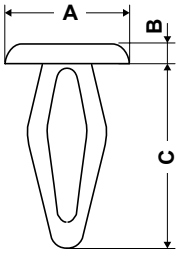
TYPE 1





TYPE 2



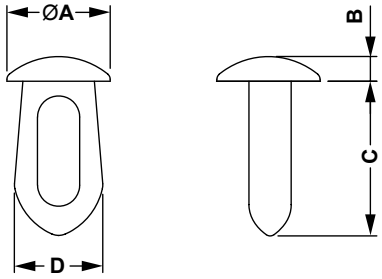


- **Material: siehe Tabelle** / *Material: see Table*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit** / *UL Flammability:*
  - **PA 6.6: V2 (UL94)**
  - **POM: HB (UL94)**
- **Temperaturbereich** / *Working temperature:*
  - **PA 6.6: -35°C ~ +85°C**
  - **POM: -40°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	**Bohrung** *Hole*	**Stärke** *Thickness*	**Material** *Material*	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
5659AA00	1	6,9	1,0	8,4	Ø 3,2	2,0 - 2,5	PA 6.6	**nur Natur** / *only Natural*	2.000
0096AA00	1	6,5	1,0	12,0	Ø 3,5	1,0 - 3,0	PA 6.6	**Natur oder Schwarz** / *Natural or Black*	5.000
18355AA00	1	7,6	1,15	13,0	Ø 3,45	1,45 - 4,0	PA 6.6	**nur Natur** / *only Natural*	2.500
0278AA00	1	9,5	1,5	11,0	Ø 5,0	1,5 - 3,5	PA 6.6	**Natur oder Schwarz** / *Natural or Black*	2.500
2332AA00	1	13,0	1,5	16,0	Ø 6,5	0.8 - 6,0	PA 6.6	**Natur oder Schwarz** / *Natural or Black*	2.500
0281AA00	1	9,5	1,5	11,0	Ø 7,0	1,5 - 2,0	PA 6.6	**Natur oder Schwarz** / *Natural or Black*	2.500
0293AA00	2	6,0	1,2	10,0	Ø 3,0	0,5 - 3,5	PA 6.6	**Natur oder Schwarz** / *Natural or Black*	2.500
5394AA00	2	6,5	1,2	10,0	Ø 3,0-3,5	0,5 - 3,5	PA 6.6	**Natur oder Schwarz** / *Natural or Black*	5.000
5452AA00	2	7,3	1,7	10,2	Ø 3,2-3,5	1,0 - 2,5	PA 6.6	**Natur oder Schwarz** / *Natural or Black*	2.500
6726GA00	2	9,0	1,6	14,0	Ø 3,9	1,0 - 5,0	POM	**nur Natur** / *only Natural*	1.000
6046GA00	2	8,0	1,5	13,0	Ø 3,2	1,0 - 4,5	POM	**nur Natur** / *only Natural*	2.000
8494AR00	2	11,0	2,9	15,0	Ø 4,7	1,0 - 5,5	PA 6.6	**nur Natur** / *only Natural*	2.000
12215GA00	2	12,0	2,0	16,8	Ø 6,4	1,5 - 6,5	POM	**nur Natur** / *only Natural*	2.000
12275AA00	2	4,8	0,9	6,5	Ø 2,5	2,0 - 2,5	PA 6.6	**nur Natur** / *only Natural*	1.000
12276AA00	2	6,3	0,8	6,5	Ø 2,5	2,0 - 2,5	PA 6.6	**Natur oder Weiß** / *Natural or White*	2.000

*** Um zu bestellen, das Produkt in Schwarz ersetzen "AA00" mit "AA01"**/
** To order the product in Black replace "AA00" with "AA01"*

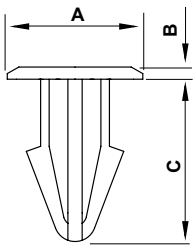




- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
13177AA00	Ø3,1	0,7	4,7	2,7	Ø 2,1 - 2,2	0,8 - 2,7		1.000
15964AA01	Ø7,1	2,0	9,0	4,6	Ø3,9	1,6 - 3,7		1.000



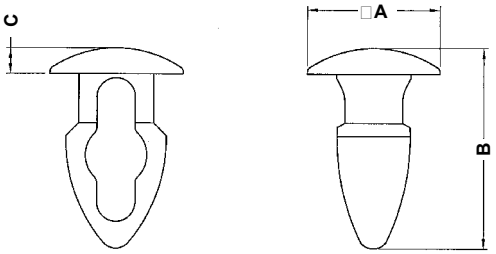


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturebereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	Farbe *Colour*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
1096AA01	**Schwarz** */ Black*	12,0	1,5	19,5	Ø 6,5	11,0	2.500

CLIPS
MOUNTING BOTTON



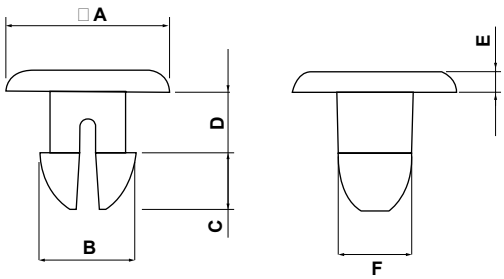


- **Material: PA 6.6** / *Material: PA 6.6*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
19317AA01	Ø 8,0	12,0	1,57	Ø 4,75	3,18		2.000

CLIPS
SNAP RIVET





- **Material: PA 6** / *Material: PA 6*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
19295AA01	Ø 8,9	5,1	3,2	3,2	1,1	4,0	Ø 4,5	3,0	2.000

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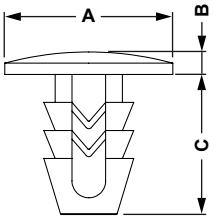
BEFESTIGUNGSCLIP MIT RASTVERSCHLUSS
TOOTHED CLIPS

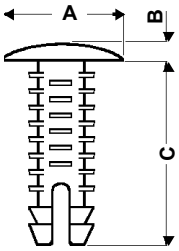
TYPE 1



TYPE 2







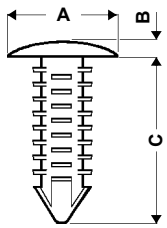
- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturebereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	**Bohrung** *Hole*	**Stärke** *Thickness*	**Farbe** *Colour*	**CONF./ PZ.** *Moq-Pcs*
0489AA01	1	15,0	2,0	12,3	Ø 6,5 - 7,5	2,5 - 7,5	**Schwarz** / *Black*	2.500
5964AA01	1	15,0	2,0	19,0	Ø 6,5	3,0 - 12,0	**Schwarz** / *Black*	2.500
0263AA01	1	20,0	2,0	23,0	Ø 6,5 - 7,5	5,5 - 17,5	**Schwarz** / *Black*	2.500
0270AA01	2	18,0	2,0	10,0	Ø 6,5	0,8 - 1,5	**Schwarz oder Weiß** / *Black or White*	2.500
0932AA01	2	18,0	2,0	19,0	Ø 6,5	0,8 - 11,0	**Schwarz** / *Black*	2.500
0271AA01	2	18,0	2,0	28,0	Ø 6,9	1,0 - 20,0	**Schwarz oder Weiß** / *Black or White*	2.500
0272AA01	2	18,0	2,0	25,0	Ø 8,0	1,0 - 16,0	**Schwarz** / *Black*	2.500

BEFESTIGUNGSCLIP MIT RASTVERSCHLUSS
TOOTHED CLIPS

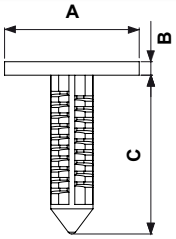
TYPE 1





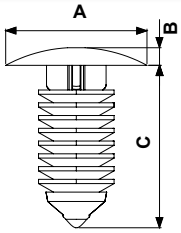
TYPE 2





TYPE 3





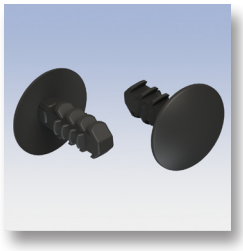
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

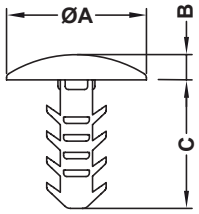
ARTIKEL *P/N*	TYPE	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
0268AA01	1	Ø 8,0	1,7	17,0	Ø 3,8	3,5 - 12,0		1000
8216AA01	1	Ø 12,7	1,5	23,6	Ø 6,0	3,5 - 19,0		1000
8217AA01	1	Ø 12,5	2,5	37,8	Ø 6,4	0,9 - 26,5		1000
5421AA01	1	Ø 13,0	1,8	19,0	Ø 6,5	2,5 - 14,0		1000
8222AA01	1	Ø 18,0	2,0	27,3	Ø 7,0	0,7 - 20,0		1000
8223AA01	1	Ø 30,3	2,2	34,8	Ø 7,0	2,5 - 25,0		1000
8210AA01	2	Ø 5,5	1,5	17,0	Ø 3,0	4,0 - 12,0		1000
8211AA01	2	Ø 5,5	1,0	18,5	Ø 3,2	4,0 - 16,5		1000
10505AA01	2	Ø 11,2	1,1	12,5	Ø 5,0	2,5 - 4,5		1000
8215AA01	2	Ø 16,5	2,0	11,5	Ø 5,0	1,2 - 6,0		1000
8213AA01	2	Ø 10,7	1,0	12,7	Ø 5,0	1,7 - 8,0		1000
8214AA01	2	Ø 15,0	1,5	17,7	Ø 5,0	2,0 - 12,0		1000
8212AA01	3	Ø 11,0	1,7	17,3	Ø 4,8	0,7 - 13,0		1000
8218AA01	3	Ø 17,8	2,4	15,5	Ø 6,0 - 6,3	2,3 - 8,9		1000
8219AA01	3	Ø 17,8	2,4	20,4	Ø 6,0 - 6,3	2,5 - 12,0		1000
8221AA01	3	Ø 19,1	0,9	15,9	Ø 6,4	2,7 - 7,3	**Flachkopf** / *Flat head*	1000
8220AA01	3	Ø 17,8	2,5	35,1	Ø 6,4	10,7 - 28,8		1000
8224AA01	3	Ø 19,0	2,0	30,5	Ø 7,2	1,5 - 25,4		1000
8225AA01	3	Ø 16,6	2,1	19,1	Ø 8,7	1,4 - 13,0		1000
8226AA01	3	Ø 21,2	4,0	28,2	Ø 10,0	1,5 - 21,2		1000

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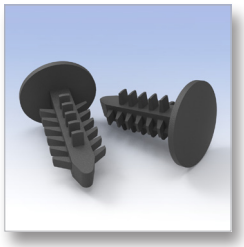
BEFESTIGUNGSPIN MIT RASTVERSCHLUSS
PUSH MOUNT PIN

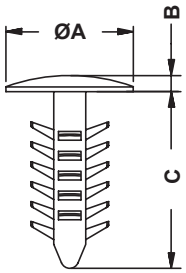
TYPE 1



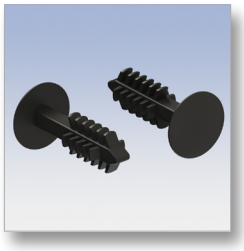


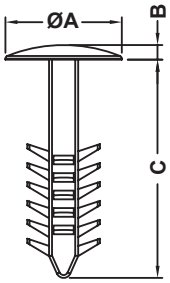
TYPE 2





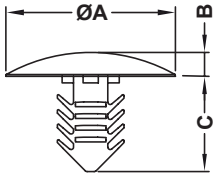
TYPE 3



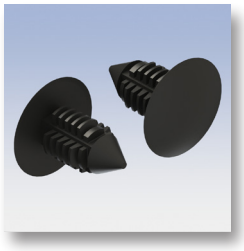


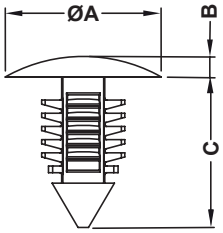
TYPE 4



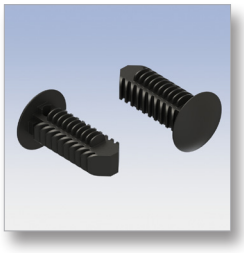


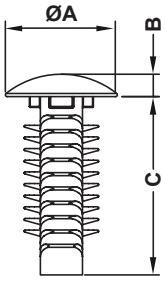
TYPE 5





TYPE 6



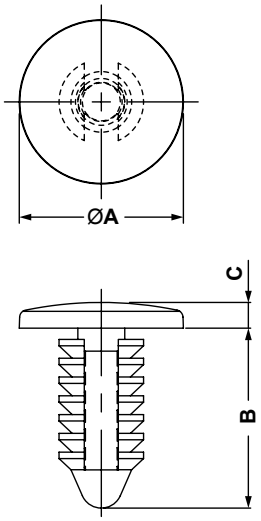


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11375AA01	1	Ø 8,0	1,6	8,0	Ø 3,2	1,6 - 6,4		1.000
12879AA01	2	Ø 8,0	1,0	11,1	Ø 3,5 - 4,5	2,0 - 8,5		1.000
11373AA01	3	Ø 8,0	1,0	15,0	Ø 4,0	5,7 - 10,7		1.000
11376AA01	4	Ø 17,8	2,5	10,0	Ø 6,4	1,6 - 6,4		1.000
11374AA01	5	Ø 15,0	2,0	14,5	Ø 7,0	3,2 - 6,0		1.000
11377AA01	6	Ø 12,5	2,5	19,9	Ø 7,9	1,6 - 15,9		1.000

BEFESTIGUNGSPIN MIT RASTVERSCHLUSS
PUSH MOUNT PIN

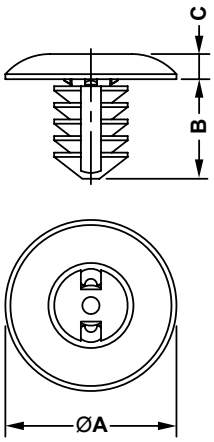




- **Materiale: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12657AA01	Ø11,1	12,1	1,7	Ø 4,7	0,7 - 6,7		1.000





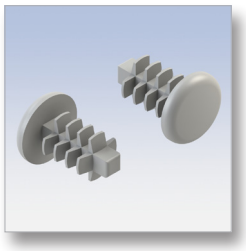
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

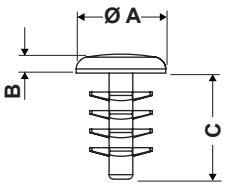
ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12935AA01	Ø17,0	9,9	2,5	Ø 6,0	0,8 - 3,9		1.000

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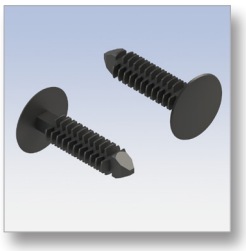
BEFESTIGUNGSPIN MIT RASTVERSCHLUSS
PUSH MOUNT PIN

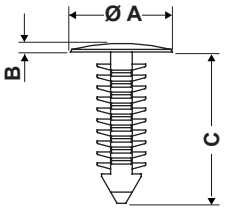
TYPE 1



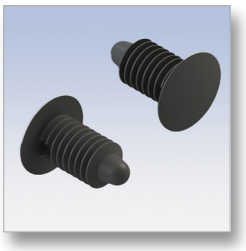


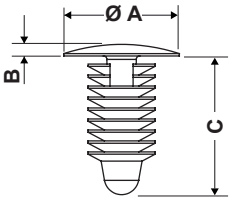
TYPE 2





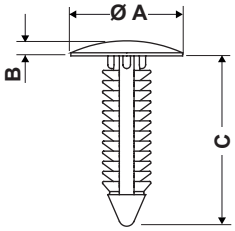
TYPE 3





TYPE 4



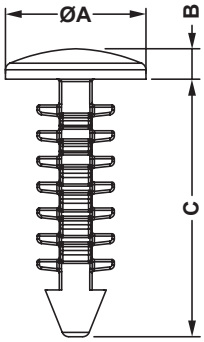


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
10506AA00	1	6,0	1,3	7,1	Ø 3,5 - 3,6	2,0 - 5,0	**Natur** / *Natural*	2.000
5963AA01	2	11,7	1,0	17,5	Ø 4,8 - 4,9	2,6 - 14,0	**Schwarz** / *Black*	1.000
10508AA01	2	11,7	1,0	20,5	Ø 4,8 - 4,9	4,0 - 25,0	**Schwarz** / *Black*	1.000
8245AA01	3	10,0	1,0	12,0	Ø 4,9 - 5,1	0,7 - 4,0	**Schwarz** / *Black*	1.000
10510AA01	4	17,7	2,4	27,0	Ø 7,0 - 7,2	3,0 - 23,0	**Schwarz** / *Black*	1.000

BEFESTIGUNGSPIN MIT RASTVERSCHLUSS
PUSH MOUNT PIN

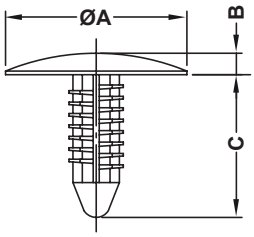




- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Material *Material*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
11599AA00	6,0	1,3	11,0	Ø 2,7 - 3,3	1,5 - 8,0	PA 6	**Natur** / *Natural*	1.000
11599AA01	6,0	1,3	11,0	Ø 2,7 - 3,3	1,5 - 8,0	PA 6	**Schwarz** / *Black*	1.000
18202AA00	11,0	6,0	0,9 - 1,3	Ø3,0 - 3,3	1,5 - 8,0	PA 6	**Natur** / *Natural*	1.000
18202AA01	11,0	6,0	0,9 - 1,3	Ø3,0 - 3,3	1,5 - 8,0	PA 6	**Schwarz** / *Black*	1.000
18212AA00	11,6	8,7	1,6	Ø 3,2	1,6 - 9,5	PA 66	**Natur** / *Natural*	1.000
18212AA01	11,6	8,7	1,6	Ø 3,2	1,6 - 9,5	PA 66	**Schwarz** / *Black*	1.000
18203AA01	18,0	6,0	1,2	Ø2,7-3,3	1,5-15,0	PA 66	**Schwarz** / *Black*	1.000
18210AA01	20,0	13,0	1,8	Ø5,6-6,4	1,5-15,0	PA 66	**Schwarz** / *Black*	1.000
18213AA00	17,5	25,4	2,5	Ø 9,5	1,6 - 12,7	PA 66	**Natur** / *Natural*	1.000
18213AA01	17,5	25,4	2,5	Ø 9,5	1,6 - 12,7	PA 66	**Schwarz** / *Black*	1.000



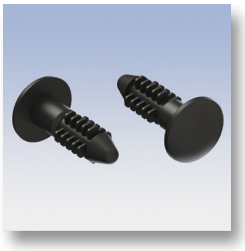


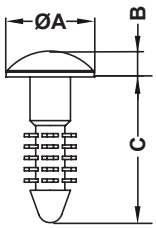
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
11370AA00	Ø 25,4	3,0	20,0	Ø 7,0	2,5 - 20,0	**Natur** / *Natural*	1.000
11371AA01	Ø 18,5	2,0	11,0	Ø 6,4	0,8 - 7,4	**Schwarz** / *Black*	1.000

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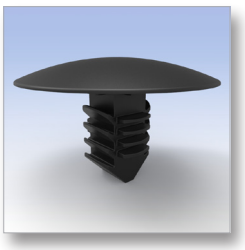
BEFESTIGUNGSCLIP MIT RASTVERSCHLUSS
TOOTHED CLIPS

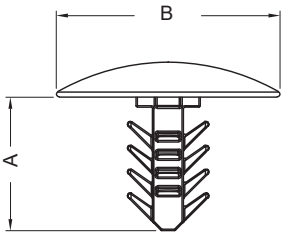


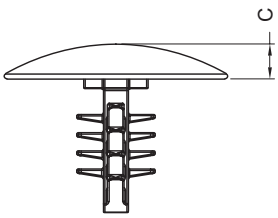


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
11372AA01	Ø 5,5	1,6	15,0	Ø 3,0	6,0 - 10,0	**Schwarz** / *Black*	1.000







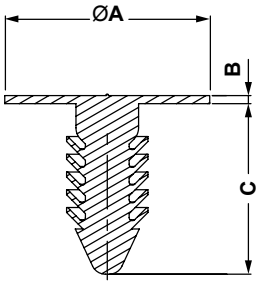


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability***: V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	ØB	C	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
18211AA01	4,9	8,4	**1,6**	Ø 3,0	1,6 - 3,0	**Schwarz** / *Black*	1.000
18216AA01	11,7	8,4	1,6	Ø 3,0	1,6-10,0	**Schwarz** / *Black*	1.000
18215AA00	8,8	12,7	2,0	Ø 4,8	1,6-6,4	**Natur** / Natural	1.000
18215AA01	8,8	12,7	2,0	Ø 4,8	1,6-6,4	**Schwarz** / *Black*	1.000
18214AA02	9,5	15,9	2,5	Ø5,25	1,57 - 6,35	**Weiß** / *White*	1.000
18217AA01	9,3	16,8	2,0	Ø 6,0	1,6-6,0	**Schwarz** / *Black*	1.000
18218AA01	13,1	20,0	2,5	Ø 7,1	1,6 - 9,5	**Schwarz** / *Black*	1.000
18219AA01	25,8	20,0	2,5	Ø7,15	1,6 -22,3	**Schwarz** / *Black*	1.000

BEFESTIGUNGSPIN MIT RASTVERSCHLUSS
PUSH MOUNT PIN

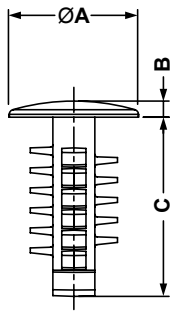




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12936AA01	Ø19,0	0,7	15,7	Ø 6,3	2,7 - 7,3		1.000





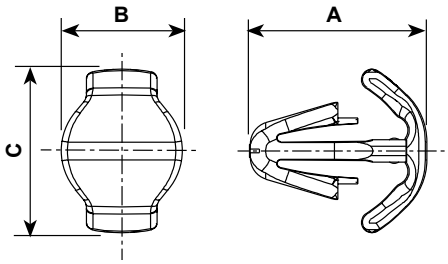
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12939AA01	Ø12,0	1,5	11,1	Ø 4,0	2,1 - 7,2		1.000
12940AA01	Ø12,0	1,5	8,6	Ø 4,0	2,1 - 4,3		1.000
12941AA01	Ø12,0	1,5	15,0	Ø 4,0	5,7 - 10,7		1.000
12942AA01	Ø8,0	1,0	11,1	Ø 4,7	2,1 - 7,2		1.000
12943AA01	Ø8,0	1,0	8,6	Ø 4,7	2,1 - 4,3		1.000
12944AA01	Ø8,0	1,0	15,0	Ø 4,7	5,7 - 10,7		1.000

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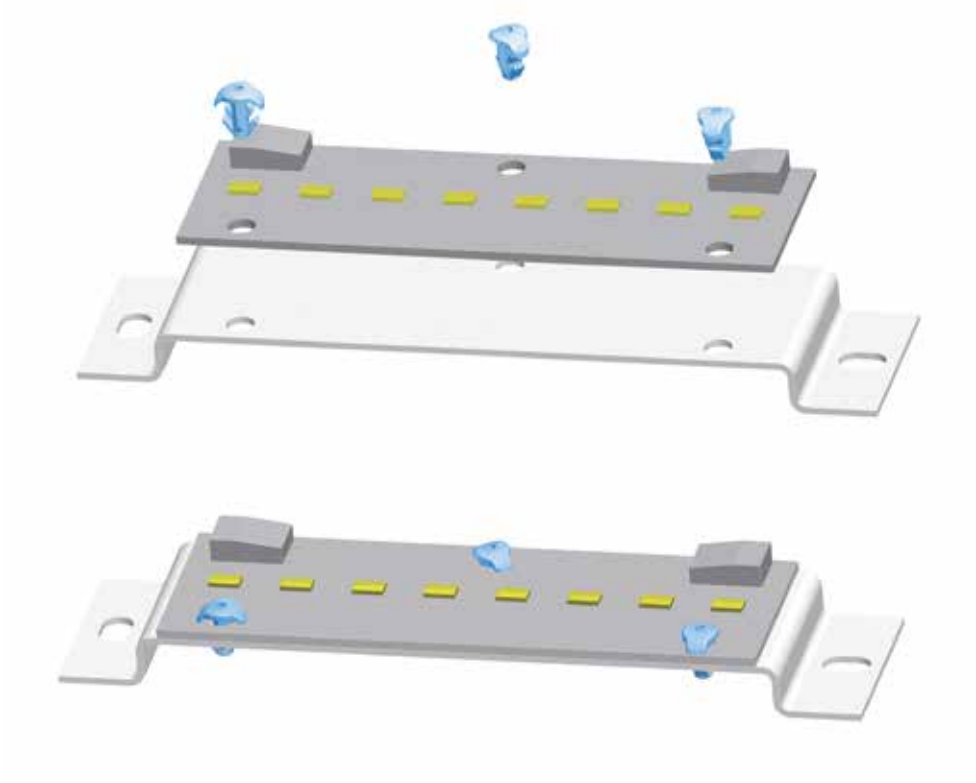
BEFESTIGUNGSPIN LED LEITERPLATTE
PUSH MOUNT PIN LED P.C.B





- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Farbe: Weiß** / *Colour: White*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14577AR02	8,0	5,5	8,0	Ø 3,0	1,4 - 2,4		1.000
14578AR02	9,1	5,5	8,0	Ø 3,0	2,5 - 3,5		1.000
14579AR02	8,0	5,5	8,0	Ø 4,0	1,4 - 2,4		1.000
14580AR02	9,1	5,5	8,0	Ø 4,0	2,5 - 3,5		1.000
14581AR02	8,0	5,5	8,0	Ø 4,7	1,4 - 2,4		1.000
14582AR02	9,1	5,5	8,0	Ø 4,7	2,5 - 3,5		1.000



ANMERKUNGEN - Notes

fastpoint

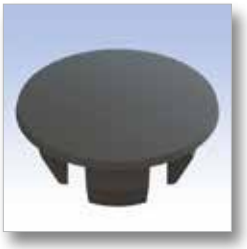
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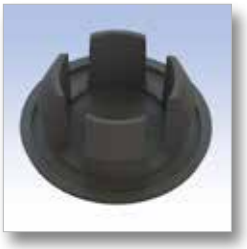


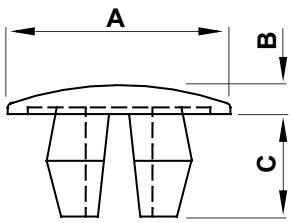
fastpoint

Blindstopfen & Schutzkappen & Lamellenstopfen

Hole plugs & Protection plugs





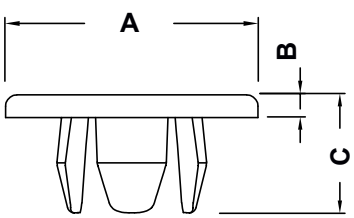


- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** */ Working temperature:* **-30°C ~ +85°C**
- **Entflammbarkeit** */ UL Flammability:* **V2 (UL94)**
- **Farbe: Natur oder Schwarz** */ Colour: Natural or Black*
- **Alle Maße sind in mm** */ All dimensions are in mm*

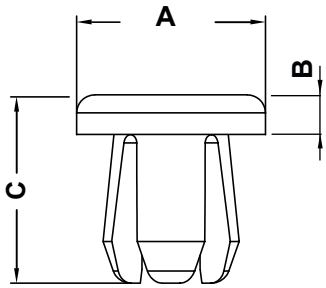
ARTIKEL *P/N*	A	B	C	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
0226AA01	Ø 8,0	1,5	5,5	Ø **4,0**	0,5 - 3,0		2.500
0227AA01	Ø 10,3	1,5	5,5	Ø **5,5**	0,5 - 3,0		2.500
0228AA01	Ø 10,5	1,5	5,5	Ø **6,0**	0,5 - 3,0		2.500
0230AA01	Ø 12,5	1,5	60	Ø **8,0**	0,5 - 3,0		2.500
1099AA01	Ø 14,5	2,0	8,0	Ø **8,0**	0,5 - 4,0	**Nur in Schwarz** */ only in Black*	2.500
0231AA01	Ø 14,0	2,0	7,3	Ø **9,5**	0,5 - 4,0		2.500
0232AA01	Ø 17,5	2,0	6,5	Ø **12,5**	0,5 - 2,5		2.500
2338AA01	Ø 24,0	3,0	5,5	Ø **16,0**	0,5 - 1,2	**Nur in Schwarz** */ only in Black*	2.500
0233AA01	Ø 25,0	2,0	8,5	Ø **19,5**	1,0 - 4,0		2.500
2472AA01	Ø 27,0	2,0	6,0	Ø **23,0**	0,5 - 2,0	**Nur in Schwarz** */ only in Black*	2.500
0235AA01	Ø 31,5	2,0	6,5	Ø **25,0**	0,5 - 3,0	**Nur in Schwarz** */ only in Black*	2.500



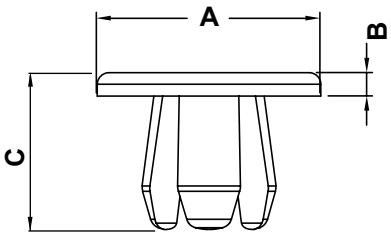
TYPE 1



TYPE 2



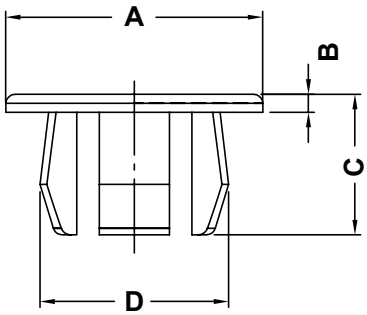
TYPE 3



- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	Farbre *Colour*	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
15955AA01	1	11,1	1,0	4,2	**Schwarz** / *Black*	Ø 6,35	0,79 - 1,58	1.000
15953AA01	2	Ø 5,2	1,1	5,2	**Schwarz** / *Black*	Ø 3,2	max. 2,4	2.000
15953AA02	2	Ø 5,2	1,1	5,2	**Weiß** / *White*	Ø 3,2	max. 2,4	2.000
15954AA01	3	9,53	1,0	6,7	**Schwarz** / *Black*	Ø 4,8	0,8 - 3,6	2.000

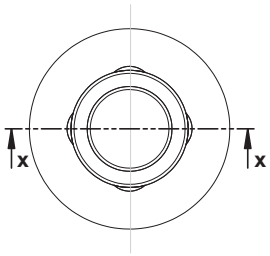


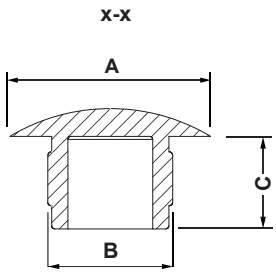


- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
15956AA01	14,33	1,0	7,8	10,5	Ø 9,5	0,8 - 3,6	**Schwarz** / *Black*	1.000
15957AA00	16,0	1,3	6,0	-	Ø 12,0	0,8 - 3,8	**Natur** / *Natural*	1.000
15957AA01	16,0	1,3	6,0	-	Ø 12,0	0,8 - 3,8	**Schwarz** / *Black*	1.000
15957AA11	16,0	1,3	6,0	-	Ø 12,0	0,8 - 3,8	**Grau** / *Gray*	auf speziel anfrage



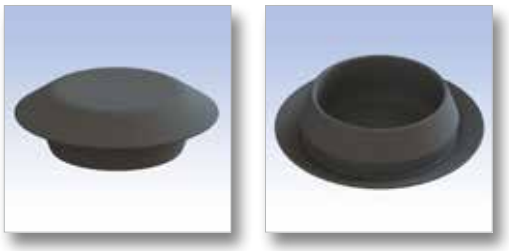


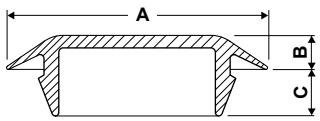


- **Material: Polyethylen LD-PE** / *Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **- 30°C ~ +70°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

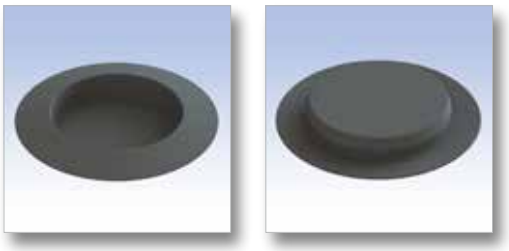
ARTIKEL *P/N*	A	B	C	**Bohrung** *Hole*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
9220EA01	Ø 13,0	4,0	6,0	**Ø 4,0**		1.000
9221EA01	Ø 8,0	5,0	6,0	**Ø 5,0**		1.000
9222EA01	Ø 11,0	5,0	6,0	**Ø 5,0**		1.000
9223EA01	Ø 13,0	5,0	6,0	**Ø 5,0**		1.000
9224EA01	Ø 13,0	6,0	6,0	**Ø 6,0**		1.000
9225EA01	Ø 13,0	7,0	6,0	**Ø 7,0**		1.000
9226EA01	Ø 13,0	8,0	6,0	**Ø 8,0**		1.000
9227EA01	Ø 15,0	8,0	6,0	**Ø 8,0**		1.000
9228EA01	Ø 13,0	9,0	6,0	**Ø 9,0**		1.000
9229EA01	Ø 15,0	9,0	6,0	**Ø 9,0**		1.000
9230EA01	Ø 13,0	10,0	6,0	**Ø 10,0**		1.000
9231EA01	Ø 15,0	10,0	6,0	**Ø 10,0**		1.000
9232EA01	Ø 13,0	11,0	6,0	**Ø 11,0**		1.000
9233EA01	Ø 15,0	11,0	6,0	**Ø 11,0**		1.000
9234EA01	Ø 19,0	12,0	8,0	**Ø 12,0**		1.000
9235EA01	Ø 19,0	13,0	8,0	**Ø 13,0**		1.000
9236EA01	Ø 19,0	15,0	8,0	**Ø 15,0**		1.000
9237EA01	Ø 24,0	17,0	6,0	**Ø 17,0**		1.000

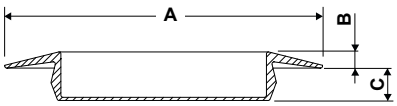
TYPE 1



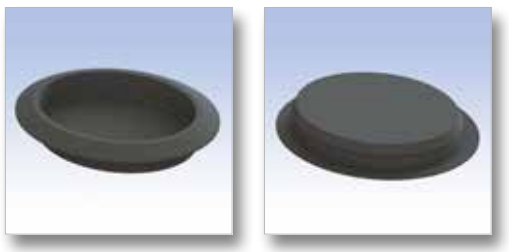


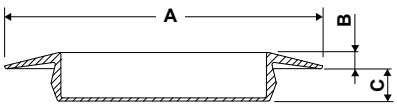
TYPE 2





TYPE 3



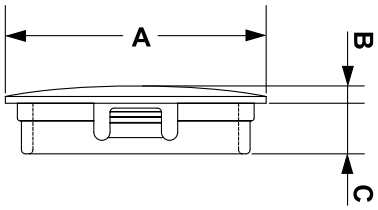


- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich PE-LD** / *Working temperature PE-LD:* **-30°C ~ +60°C**
- **Temperaturbereich PA 6.6** / *Working temperature PA 6.6:* **-40°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	**Bohrung** *Hole*	**Stärke** *Thickness*	**Material** *Material*	**VPE-Stckz.** *Moq-Pcs*
0238EA01	1	23,0	3,0	4,5	**Ø 16,5**	0,5 - 2,0	PE-LD	2.500
5566EA01	1	15,0	2,0	4,5	**Ø 10,0**	0,5 - 1,2	PE-LD	2.500
2776AA01	2	45,0	4,0	4,0	**Ø 32,0**	0,5 - 2,5	PA 6.6	2.500
0250EA01	3	36X30	1,8	4,5	**30x25**	0,5 - 2,0	PE-LD	2.500







- **Material: PA 6.6 /** *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **Farbe: Weiß auf Anfrage lieferbar** /
  Colour: White colour on request available

Das Teil kann einen oder zwei Sperrzähne pro Seite haben. / *Parts may appear with one or two locking mechanisms per side.*

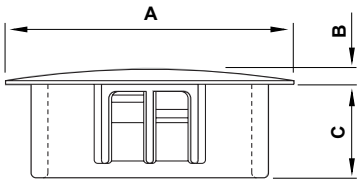
Farbe Weiß verfügbar / *White Colour available*

ARTIKEL *P/N*	A	B	C	**Bohrung** *Hole*	**Max. Stärke** *Max.Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
5770AA01	Ø 6,4	1,6	4,3	Ø **4,8**	1,6		1.000
5750AA01	Ø 7,1	1,6	4,8	Ø **5,5**	1,6		1.000
5771AA01	Ø 7,9	1,6	6,3	Ø **6,4**	1,6		1.000
5751AA01	Ø 8,7	1,6	4,8	Ø **7,1**	1,6		1.000
5752AA01	Ø 9,5	1,6	4,8	Ø **7,9**	1,6		1.000
5772AA01	Ø 9,5	1,6	6,3	Ø **7,9**	1,6		1.000
5753AA01	Ø 10,3	1,6	4,8	Ø **8,7**	1,6		1.000
5754AA01	Ø 11,9	1,6	4,8	Ø **9,5**	1,6		1.000
5755AA01	Ø 11,9	1,6	4,8	Ø **10,3**	1,6		1.000
5756AA01	Ø 13,5	1,6	4,8	Ø **11,1**	1,6		1.000
5757AA01	Ø 13,5	1,6	4,8	Ø **11,9**	1,6		1.000
5758AA01	Ø 14,7	1,6	4,8	Ø **12,7**	1,6		1.000
5759AA01	Ø 15,1	1,6	4,8	Ø **13,5**	1,6		1.000
5760AA01	Ø 17,5	1,6	4,8	Ø **15,1**	1,6		1.000
5761AA01	Ø 18,3	1,6	4,8	Ø **15,9**	1,6		1.000
5762AA01	Ø 21,4	1,6	4,8	Ø **19,0**	1,6		1.000
5763AA01	Ø 22,6	1,6	4,8	Ø **19,8**	1,6		1.000
5764AA01	Ø 24,6	1,6	4,8	Ø **22,2**	1,6		1.000

BLINDLOCHABDECKUNG
PLUGS







- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

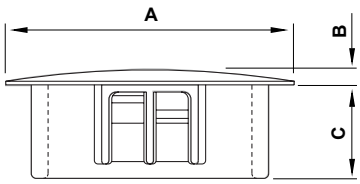
Das Teil kann einen oder zwei Sperrzähne pro Seite haben. / *Parts may appear with one or two locking mechanisms per side.*

ARTIKEL *P/N*	A	B	C	**Bohrung** *Hole*	**Max. Stärke** *Max.Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
5773AA01	Ø 11,9	1,6	8,7	Ø **9,5**	3,2		1.000
5774AA01	Ø 13,5	1,6	8,7	Ø **11,1**	3,2		1.000
5775AA01	Ø 14,7	1,6	8,7	Ø **12,7**	3,2		1.000
5776AA01	Ø 16,7	1,6	8,7	Ø **14,3**	3,2		1.000
5777AA01	Ø 18,2	1,6	8,7	Ø **15,9**	3,2		1.000
5778AA01	Ø 19,8	1,6	8,7	Ø **17,4**	3,2		500
5779AA01	Ø 23,4	1,6	8,7	Ø **19,1**	3,2		500
5780AA01	Ø 22,6	1,6	8,7	Ø **20,6**	3,2		500
5781AA01	Ø 25,8	1,6	9,9	Ø **22,2**	3,2		500
5782AA01	Ø 30,6	1,6	9,9	Ø **25,4**	3,2		500
5783AA01	Ø 30,9	1,6	9,9	Ø **27,8-28,6**	3,2		500
5784AA01	Ø 33,3	1,6	9,9	Ø **30,1**	3,2		500
5785AA01	Ø 34,9	1,6	9,9	Ø **31,8**	3,2		500
5786AA01	Ø 38,1	1,6	9,9	Ø **34,9**	3,2		500
5787AA01	Ø 42,4	1,6	9,9	Ø **38,1**	3,2		500
14105AA01	Ø 45,7	1,6	9,9	Ø **41,3**	3,2		500
5788AA01	Ø 48,4	1,6	9,9	Ø **44,5**	3,2		500
5789AA01	Ø 54,4	2,0	9,9	Ø **50,8**	3,2		500
5790AA01	Ø 59,5	2,8	16,3	Ø **53,2-54**	6,4		1.000
5791AA01	Ø 61,5	2,8	16,3	Ø **57,2**	6,4		500
5792AA01	Ø 69,0	2,8	16,3	Ø **63,5**	6,4		450
5793AA01	Ø 80,5	2,8	16,3	Ø **76,2**	6,4		300
5794AA01	Ø 92,9	2,8	16,3	Ø **85,7**	6,4		200
5795AA01	Ø 92,9	2,8	16,3	Ø **88,9**	6,4		100
5796AA01	Ø 105,6	2,8	16,3	Ø **101,6**	6,4		500

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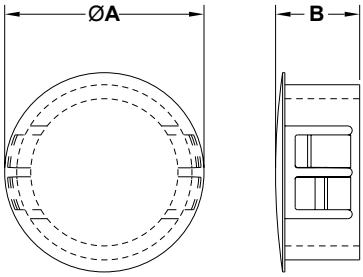
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur oder Schwarz** / *Colour: Natural or Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Das Teil kann einen oder zwei Sperrzähne pro Seite haben. / *Parts may appear with one or two locking mechanisms per side.*

ARTIKEL *P/N*	A	B	C	**Bohrung** *Hole*	**Max. Stärke** *Max.Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
6727AA01	Ø 6,35	1,0	5,5	Ø **4,8**	1,6		1.000
6728AA01	Ø 7,6	1,1	5,6	Ø **6,4**	1,6		1.000
6894AA01	Ø 10,9	1,4	5,6	Ø **7,0**	0,8 - 1,8		1.000
6738AA01	Ø 9,5	1,2	7,6	Ø **8,0**	1,6		1.000
6757AA01	Ø 11,5	1,5	10,1	Ø **9,0**	3,3		1.000
6739AA01	Ø 13,0	1,4	5,5	Ø **9,5**	1,4		1.000
6729AA01	Ø 11,9	1,5	10,1	Ø **9,5**	3,3		1.000
6730AA01	Ø 14,0	1,1	10,1	Ø **11,0**	3,3		1.000
6758AA01	Ø 14,3	1,1	10,1	Ø **12,0**	3,3		1.000
6731AA01	Ø 14,6	1,1	10,1	Ø **12,7**	3,3		1.000
6740AA01	Ø 15,2	1,2	6,2	Ø **13,5**	2,2		1.000
6895AA01	Ø 16,3	1,2	8,9	Ø **14,0**	3,3		1.000
6741AA01	Ø 20,0	1,2	7,7	Ø **15,9**	2,0		1.000
6732AA01	Ø 18,7	1,3	10,6	Ø **16,0**	3,3		1.000
6896AA01	Ø 19,3	1,2	8,9	Ø **17,0**	3,3		1.000
6733AA01	Ø 23,2	1,6	10,3	Ø **19,0**	3,3		1.000
6897AA01	Ø 24,0	1,6	9,0	Ø **20,0**	3,3		1.000
6734AA01	Ø 25,4	1,1	11,0	Ø **22,2**	3,3		1.000
6735AA01	Ø 28,4	1,4	11,0	Ø **25,4**	3,3		1.000
6736AA01	Ø 32,0	1,1	13,1	Ø **28,0**	3,3		1.000
6737AA01	Ø 34,2	1,3	11,3	Ø **30,0**	3,3		1.000
6898AA01	Ø 36,0	2,0	10,0	Ø **32,0**	3,3		1.000





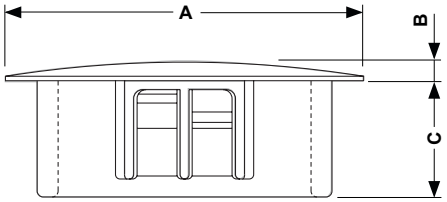


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Farbe: Weiß auf Anfrage lieferbar** / *White colour on request available*

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Max. Stärke *Max.Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15817AA01	11,9	10,3	Ø 9,5	4,4		2.500
5994AA01	14,5	14,3	Ø 12,7	6,4		1.750
17623AA01	18,5	13,2	Ø 15,9	6,4		1.000
17624AA01	23,4	13,2	Ø 19,1	6,4		1.000
17625AA01	25,9	22,4	Ø 19,6	6,4		1.000
17626AA01	25,9	14,3	Ø 22,2	6,4		2.250
17627AA01	30,5	14,3	Ø 25,4	6,4		1.000
17628AA01	31,0	14,3	Ø 27,8 - 28,6	6,4		1.000
17629AA01	34,0	14,3	Ø 30,1	6,4		600
17630AA01	35,1	14,3	Ø 31,8	6,4		750
17631AA01	38,1	14,3	Ø 34,9	6,4		500
7597AA01	42,4	14,3	Ø 38,1	6,4		1.000
17632AA01	48,5	14,3	Ø 44,5	6,4		1.000
17633AA01	55,1	14,2	Ø 50,8	6,4		500







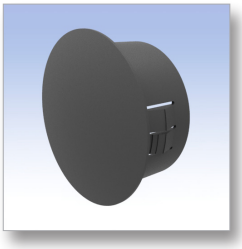
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Farbe: Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Weiß auf Anfrage lieferbar** / *White colour on request available*

Das Teil kann einen oder zwei Sperrzähne pro Seite haben. / *Parts may appear with one or two locking mechanisms per side.*

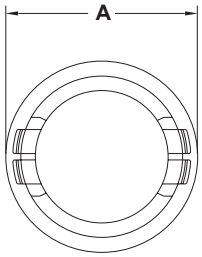
ARTIKEL *P/N*	A	B	**Bohrung** *Hole*	**Max. Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
17634AA01	14,2	10,3	Ø **13,0**	max 4,1		2.500
17635AA01	18,5	10,3	Ø **16,0**	max 4,1		2.000
17637AA01	25,9	11,5	Ø **16,0**	max 4,1		1.000
12945AA01	22,5	11,5	Ø **20,0**	max 4,1		1.000
17638AA01	29,8	11,5	Ø **25,0**	max 4,1		500
17639AA01	31,2	11,5	Ø **28,0**	max 4,1		500
17640AA01	35,3	11,5	Ø **32,0**	max 4,1		1.000
17641AA01	38,1	11,5	Ø **34,2**	max 4,1		500

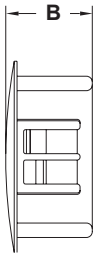
BLINDLOCHABDECKUNG UL94V0 & UV STABILISIERT
RESISTANT HOLE PLUGS UL94V0 & STABILZED

fastpoint









new PRODUCT

HEYCO

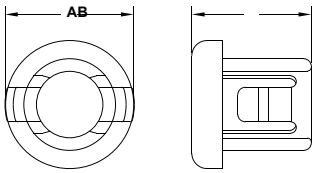
- **Material: PA 6.6** / *Material: PA 6.6*
- **Entflammbarkeit**/ *UL Flammability*: **V0 (UL94)**
- **Temperaturbereich** / *Working temperature*: **-40°C ~ +105°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Beständig gegen UV-Strahlen und fast alle Lösungsmittel** / *UV resistant*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Max. Stärke *Max. Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
5770AR01	6,4	6,1	Ø 4,7	1,6		5.000
5771AR01	7,9	7,9	Ø 6,4	1,6		5.000
5772AR01	9,5	7,9	Ø 7,9	1,6		5.000
5773AR01	11,9	10,3	Ø 9,5	3,2		1.000
5774AR01	13,5	10,3	Ø 11,1	3,2		1.000
5775AR01	14,7	10,3	Ø 12,7	6,4		1.750
5994AR01	14,7	14,4	Ø 12,7	3,2		1.000
5777AR01	18,2	10,3	Ø 15,9	6,4		1.000
17623AR01	18,5	13,2	Ø 15,9	3,2		1.000
17624AR01	23,1	13,2	Ø 19,1	6,4		1.000
5779AR01	23,4	10,3	Ø 19,1	3,2		500
5781AR01	25,8	11,5	Ø 22,2	3,2		500
18489AR01	25,8	14,3	Ø 22,2	6,4		4.500
5782AR01	30,6	11,5	Ø 25,4	6,4		2.000
18490AR01	30,6	14,3	Ø 25,4	3,2		500
5783AR01	30,9	11,5	Ø 27,8 - 28,6	3,2		500
18491AR01	30,9	14,3	Ø 27,8 - 28,6	6,4		2.000
5785AR01	34,9	11,5	Ø 31,7	3,2		500
18492AR01	34,9	14,3	Ø 31,7	6,4		1.500
5786AR01	38,1	11,5	Ø 34,9	3,2		500
18493AR01	38,1	14,3	Ø 34,9	6,4		500
5787AR01	42,4	11,5	Ø 34,9	6,4		500
18494AR01	42,4	14,3	Ø 38,1	3,2		500
18495AR01	48,4	14,3	Ø 44,5	3,2		500
5788AR01	48,7	11,5	Ø 44,5	6,4		1.000
5789AR01	55,1	11,9	Ø 50,8	3,2		500
18496AR01	55,1	14,7	Ø 50,8	6,4		500

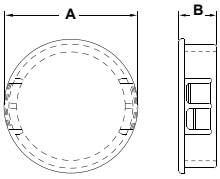
BLINDLOCHABDECKUNG TRANSPARENT
'VIEW PORT' PLUGS



TYPE 1

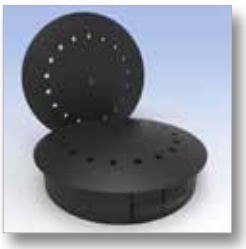


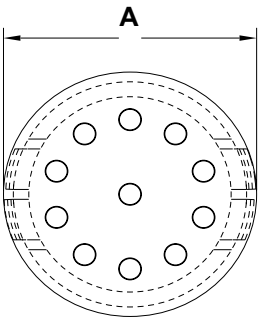
TYPE 2



- **Material: PC** / *Material: PC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +115°C**
- **Entflammbarkeit**/ *UL Flammability*: **V2 (UL94)**
- **Farbe: Transparent** / *Colour: Clear*
- **Alle Maße in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	TYPE	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
18424NA00	6,4	5,9	1	Ø **4,7**	max 1,6	2.500
18425NA00	7,9	7,9	1	Ø **6,4**	max 1,6	2.500
18426NA00	9,5	7,9	1	Ø **7,9**	max 1,6	2.500
18427NA00	11,9	10,3	2	Ø **9,5**	max 6,4	2.500
18428NA00	13,5	10,3	2	Ø **11,1**	max 6,4	2.500
18429NA00	14,3	10,3	2	Ø **12,7**	max 6,4	2.500
5777NA00	18,6	10,3	2	Ø **15,9**	max 6,4	2.500
18430NA00	21,8	10,3	2	Ø **19,3**	max 6,4	2.125
18431NA00	24,2	11,5	2	Ø **22,2**	max 6,4	1.500
18432NA00	28,2	11,5	2	Ø **25,4**	max 6,4	1.750
18433NA00	30,9	11,5	2	Ø **27,8 - 28,6**	max 6,4	1.500
18434NA00	38,1	11,5	2	Ø **34,9**	max 6,4	1.250
18435NA00	41,2	11,5	2	Ø **38,1**	max 6,4	1.000
18436NA00	48,3	11,5	2	Ø **44,4**	max 6,4	1.250
18437NA00	54,8	11,5	2	Ø **50,8**	max 6,4	1.000

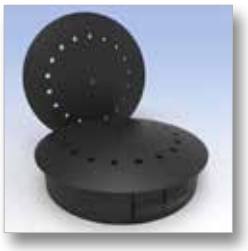


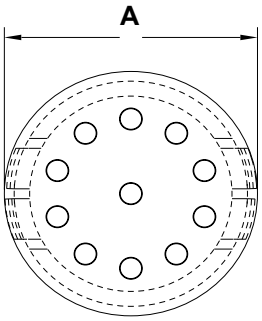


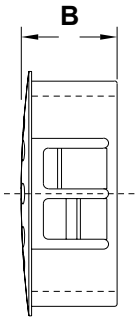
- **Material: PA 66** / *Material: PA 66*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit**/ *UL Flammability*: **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Farbe Weiß auf speziel Anfrage** / White *Available on special request*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Stärke *Thickness*	Anzahl der Etlüftungslöcher *No. of Vent Holes*	VPE-Stckz. *Moq-Pcs*
17996AA01	14,2	10,3	Ø 12,7	3,2	4	12000
17997AA01	16,7	10,3	Ø 14,3	3,2	4	12000
17998AA01	18,7	10,3	Ø 15,9	3,2	5	10000
17999AA01	23,0	10,3	Ø 19,1	3,2	8	8500
18000AA01	22,6	10,3	Ø 20,6	3,2	8	12000
15764AA01	25,8	11,5	Ø 22,2	3,2	9	10000
17927AA01	30,6	11,5	Ø 25,4	3,2	9	7000
18001AA01	30,9	11,5	Ø 27,8-28,6	3,2	9	4000
18002AA01	33,3	11,5	Ø 30,1	3,2	10	5000
18003AA01	34,9	11,5	Ø 31,7	3,2	10	5000
18004AA01	38,1	11,5	Ø 34,9	3,2	11	2500
8307AA01	42,4	11,5	Ø 38,1	3,2	13	2000
18005AA01	48,4	11,5	Ø 44,5	3,2	13	2500
18006AA01	54,4	11,9	Ø 50,8	3,2	19	1000

LÜFTUNGSSTOPFEN
VENT PLUGS



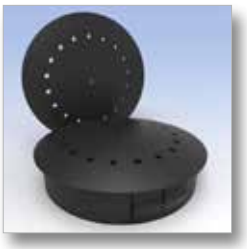


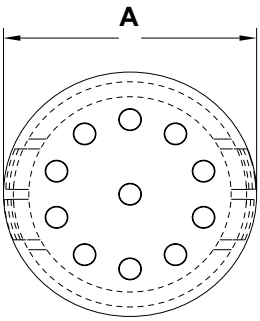


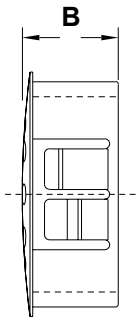
- **Material: PA 6.6** / *Material: PA 6.6*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit**/ *UL Flammability*: **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Farbe Weiß auf speziel Anfrage** / White *Available on special request*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Stärke *Thickness*	Anzahl der Etlüftungslöcher *No. of Vent Holes*	VPE-Stckz. *Moq-Pcs*
18007AA01	14,7	14,3	Ø12,7	6,4	4	3500
18008AA01	18,7	14,3	Ø15,9	6,4	5	1000
18009AA01	23,0	14,3	Ø19,1	6,4	8	1000
18010AA01	25,8	14,3	Ø22,2	6,4	9	4500
18011AA01	30,6	14,3	Ø25,4	6,4	9	800
18012AA01	30,9	14,3	Ø27,8-28,6	6,4	9	600
18013AA01	33,3	14,3	Ø30,1	6,4	10	600
18014AA01	34,9	14,3	Ø31,7	6,4	10	600
18015AA01	38,1	14,3	Ø34,9	6,4	11	500
18016AA01	42,4	14,3	Ø30,1	6,4	13	1000
18017AA01	48,4	14,3	Ø44,5	6,4	13	1000
18018AA01	54,4	14,7	Ø63,5	6,4	19	500
18019AA01	69,0	19,1	Ø63,5	6,4	19	450
18020AA01	80,0	18,8	Ø76,2	6,4	26	300
18021AA01	92,9	19,1	Ø88,9	6,4	38	200
18022AA01	105,6	19,1	Ø101,6	6,4	48	300

LÜFTUNGSSTOPFEN MIT FILTEREINSATZ
VENT PLUGS WITH FILTER INSERT





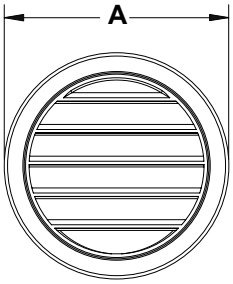


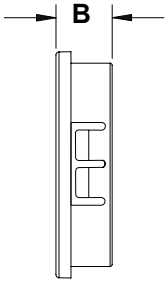
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit**/ *UL Flammability*: **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Lüftungslöcher *Vent holes*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
18023AA01	14,2	10,4	Ø12,7	4	3,2	100
18024AA01	25,8	11,5	Ø22,2	9	3,2	100
18025AA01	30,6	11,5	Ø25,4	9	3,2	100
18026AA01	30,9	11,5	Ø27,8 - Ø28,6	9	3,2	100
18027AA01	38,1	11,5	Ø34,9	11	3,2	100
18028AA01	42,4	11,5	Ø38,1	13	3,2	100
18029AA01	54,4	11,9	Ø50,8	19	3,2	100
18030AA01	25,8	14,3	Ø22,2	9	6,4	100
18031AA01	30,6	14,3	Ø25,4	9	6,4	100
18032AA01	30,9	14,3	Ø27,8-Ø28,6	9	6,4	100
18033AA01	38,1	14,3	Ø34,9	11	6,4	100
18034AA01	42,4	14,3	Ø38,1	13	6,4	100
18035AA01	54,4	14,7	Ø50,8	19	6,4	100
18036AA01	69,0	19,1	Ø63,5	19	6,4	100
18037AA01	80,0	18,8	Ø76,2	26	6,4	100

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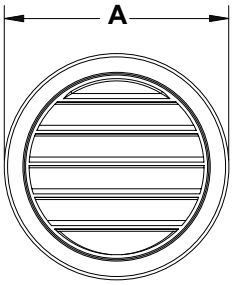


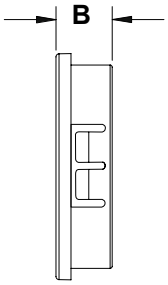
- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit**/ *UL Flammability*: **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Weiß auf Anfrage lieferbar** / *White colour on request available*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18046AA01	25,8	13,5	Ø22,2	3,2		4500
18047AA01	30,6	13,5	Ø25,4	3,2		3500
17905AA01	30,9	13,5	Ø27,8-Ø28,6	3,2		2000
17906AA01	38,1	13,8	Ø34,9	3,2		2000
18048AA01	42,6	13,8	Ø38,1	3,2		1500
17907AA01	55,1	13,8	Ø50,8	3,2		1000
18049AA01	69,0	20,9	Ø63,5	6,4		375
18050AA01	80,5	20,9	Ø76,2	6,4		300

LÜFTUNGSSTOPFEN MIT FILTEREINSATZ
FILTERED LOUVERED PLUGS







- **Material: PA 66** / *Material: PA66*
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich**/ *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *Flammability:* **V2 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

FILTERS / *Filtered*:

• Die Filtereinsätze befinden sich hinter den Lamellen und lassen die Luft zur Belüftung zirkulieren und, begrenzen das Eindringen von Staub und Ungeziefer.

• *Located behind the louvers, filter inserts permit the passage of air for ventilation but limit liquid as well as dust and pest infiltration.*

• Der Polyurethanschaum-Filter filtert Partikel mit einer Größe bis min. 30 Mikrometern.

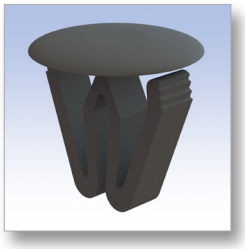
• *Polyurethane foam filter will filter particle sizes 30 min. micron and larger*

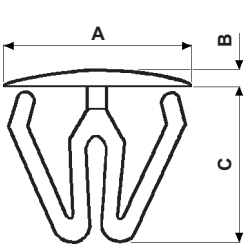
ARTIKEL *P/N*	A	B	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18038AA01	25,8	13,5	Ø22,2	3,2		100
18039AA01	30,6	13,5	Ø25,4	3,2		100
18040AA01	30,9	13,5	Ø27,8-28,6	3,2		100
18041AA01	38,1	13,8	Ø34,9	3,2		100
18042AA01	42,6	13,8	Ø38,1	3,2		500
18043AA01	55,1	13,8	Ø50,8	3,2		100
18044AA01	69,0	20,9	Ø63,5	6,4		100
18045AA01	80,5	20,9	Ø76,2	6,4		100

Filtereinsätze lassen die Luft zur Belüftung durch, begrenzen aber das Eindringen von Flüssigkeiten, Staub und Ungeziefer. Filtereinsätze ermöglichen den Durchgang von Luft zur Belüftung, begrenzen aber das Eindringen von Flüssigkeiten sowie von Staub und Schädlingen. Der Filter aus Polyurethanschaum filtert Partikel mit einer Größe von 30 Mikrometern und mehr heraus. Der Polyurethanschaumfilter filtert Partikel mit einer Größe von 30 Mikron und mehr. Der Filter befindet sich unverlierbar im Gehäuse der Entlüftungskappe und nimmt keinen zusätzlichen Platz im Inneren ein. Der Filter sitzt unverlierbar im Gehäuse des Entlüftungsstopfens und benötigt keinen zusätzlichen Platz im Inneren.

BLINDLOCHABDECKUNG FÜR VARIABLE BOHRUNGEN
PLUGS FOR VARIABLE SIZE HOLES

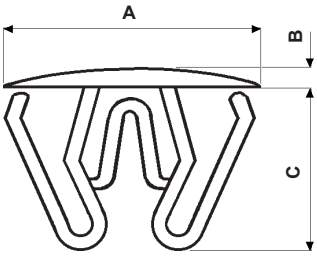
TYPE 1





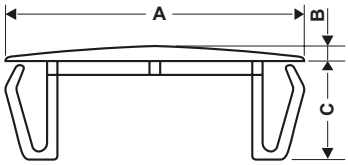
TYPE 2





TYPE 3





- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
3584AA01	1	16,7	1,2	14,3	**Ø 8,5 - 14,5**	0,8 - 2,0	POM HB (UL94)	1.000
3585AA01	2	25,0	1,4	16,2	**Ø 15,0 - 21,5**	0,8 - 2,0	POM HB (UL94)	1.000
3586AA01	2	34,5	1,5	16,2	**Ø 22,0 - 30,0**	0,8 - 2,0	POM HB (UL94)	1.000
16330AA01	3	16,0	2,0	11,2	**Ø 9,5 - 13,0**	0,8 - 3,2	PA 66 V2(UL94)	1.000
15962AA01	3	18,5	2,0	10,5	**Ø 11,5 - 14,5**	0,8 - 3,2	PA 66 V2(UL94)	1.000
15963AA01	3	21,5	2,0	10,0	**Ø 15,0 - 18,0**	0,8 - 3,2	PA 66 V2(UL94)	1.000
15990AA01	3	25,3	2,0	10,7	**Ø 18,4 - 22,0**	0,8 - 3,2	PA 66 V2(UL94)	1.000
25368AA01	3	32,5	2,0	11,7	**Ø 22,0 - 27,0**	0,8 - 3,2	PA 66 V2 (UL94)	1.000
16382AA01	3	35,0	2,0	11,5	**Ø 27,0 - 33,0**	0,8 - 3,2	PA 66 V2 (UL94)	1.000
25370AA01	3	43,3	2,0	13,1	**Ø 35,0 - 40,0**	0,8 - 3,2	PA 66 V2 (UL94)	1.000
25371AA01	3	52,5	2,0	13,9	**Ø 44,5 - 49,0**	0,8 - 3,2	PA 66 V2 (UL94)	1.000

BESPIEL /
EXAMPLE



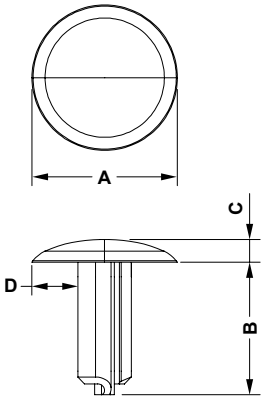
Bohrung Ø 8,5 mm.
On hole 8,5 mm.



Bohrung Ø 14,5 mm.
On hole 14,5 mm.

GEWINDEABDECKUNG FÜR INNENGEWINDE M4
PLUGS FOR THREADED INSERTS M4



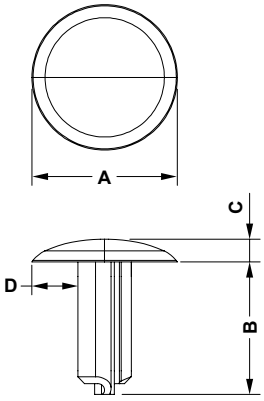


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
12822AA00	10,0	7,5	1,7	3,4	M4	**Natur** / Natural	2.500
12822AA01	10,0	7,5	1,7	3,4	M4	**Schwarz** / *Black*	2.500
12822AA02	10,0	7,5	1,7	3,4	M4	**Weiß** / *White*	2.500
12822AA117015	10,0	7,5	1,7	3,4	M4	**Grau** / *Gray* **RAL 7015**	2.500
12822AA117035	10,0	7,5	1,7	3,4	M4	**Grau** / *Gray* **RAL 7035**	2.500

GEWINDEABDECKUNG FÜR INNENGEWINDE M5
PLUGS FOR THREADED INSERTS M5





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
12483AA01	11,0	10,0	1,7	3,4	M5	**Schwarz** / *Black*	2.500
12483AA00	11,0	10,0	1,7	3,4	M5	**Natur** / *Natural*	2.500
12483AA02	11,0	10,0	1,7	3,4	M5	**Weiß** / *White*	2.500
12483AA117035	11,0	10,0	1,7	3,4	M5	**Grau** / *Gray* **RAL 7035**	2.500

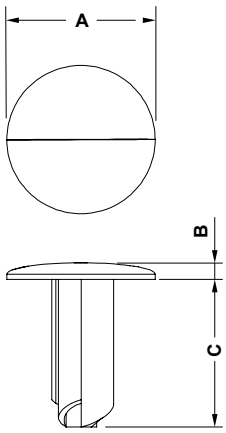
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GEWINDEABDECKUNG FÜR INNENGEWINDE M6
PLUGS FOR THREADED INSERTS M6

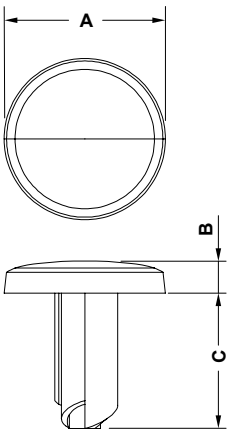




TYPE 1



TYPE 2

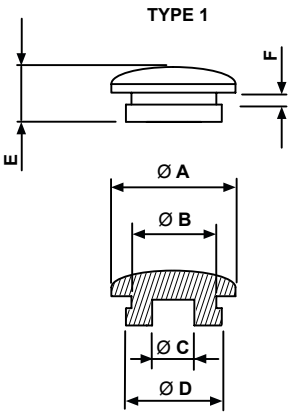


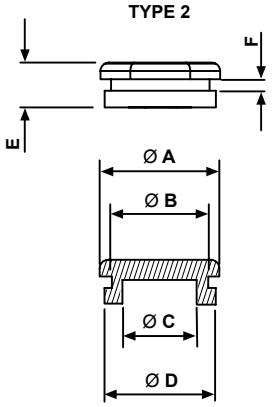
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	**Bohrung** *Hole*	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
5000AA01	1	12,0	1,5	12,0	M6	**Schwarz** / *Black*	2.500
5000AA02	1	12,0	1,5	12,0	M6	**Weiß** / *White*	2.500
5000AA00	1	12,0	1,5	12,0	M6	**Natur** / *Natural*	2.500
5000AA11	1	12,0	1,5	12,0	M6	**Grau** / *Gray*	2.500
25372AA01	2	12,8	2,5	10,7	M6	**Schwarz** / *Black*	2.500
25372AA00	2	12,8	2,5	10,7	M6	**Natur** / *Natural*	2.500
25372AA02	2	12,8	2,5	10,7	M6	**Weiß** / *White*	2.500
25372AA117035	2	12,8	2,5	10,7	M6	**Grau** / *Gray* **RAL 7035**	2.500





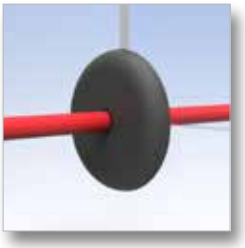




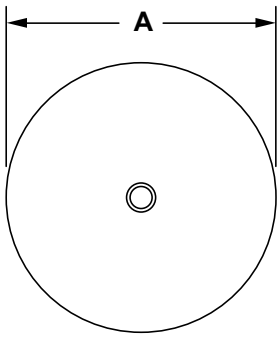
- **Material: Neopren /** *Material: Neopren*
- **Farbe: Schwarz /** *Colour: Black*
- **Temperaturbereich/** *Working temperature:* **-45°C ~ +110°C**
- **Alle Maße sind in mm /** *All dimensions are in mm*

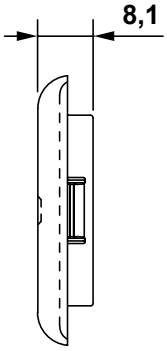
ARTIKEL *P/N*	**TYPE**	A	B	C	D	E	**F**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
10920CR01	1	10,0	6,0	2,1	8,0	8,0	1,7		5.000
10922CR01	1	14,9	10,0	7,0	12,8	5,8	1,1		5.000
10923CR01	1	19,9	12,0	8,0	14,8	10,0	1,2		5.000
10925CR01	1	24,8	18,2	14,2	23,8	11,8	1,3		1.000
10921CR01	2	12,0	7,6	5,0	11,0	6,0	1,2		1.000
10924CR01	2	18,9	13,7	10,0	18,9	8,0	1,5		1.000
10926CR01	2	21,2	17,5	13,1	21,2	8,0	2,0		1.000
10927CR01	2	23,2	19,9	15,2	23,2	7,9	2,0		1.000
10928CR01	2	25,1	21,5	16,3	25,1	10,0	2,1		1.000
10929CR01	2	29,5	24,3	18,7	29,5	10,0	3,0		1.000
10930CR01	2	32,2	27,8	20,6	32,2	11,2	3,0		1.000

IP67 ABDECKKAPPEN / TÜLLEN
HOLE PLUG IP67 / CABLE GROMMETS



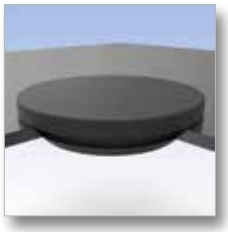




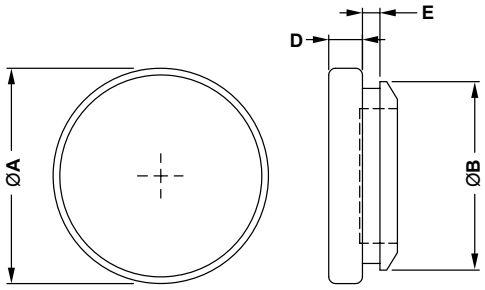


- **Material: PA 6.6 - TPE** / *Material: PA 6.6 - TPE*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Kabeldurchmesser *Cable diameter*	Bohrung *Mounting hole*	Plattenstärke *Panel thickness*	VPE-Stckz. *Moq-Pcs*
22600PF01	23,4	8,1	2,0 - 5,1	Ø 12,7	**bis zu 1,6** / *Up to 1,6*	1.000
22601PF01	26,2	8,1	3,3 - 9,5	Ø 15,9	**bis zu 1,6** / *Up to 1,6*	1.000
22602PF01	29,2	8,1	4,4 - 10,2	Ø 19,1	**bis zu 1,6** / *Up to 1,6*	1.000
22603PF01	32,5	8,1	3,3 - 11,4	Ø 22,2	**bis zu 1,6** / *Up to 1,6*	1.000
22604PF01	36,3	8,1	5,1 - 18,2	Ø 25,4	**bis zu 1,6** / *Up to 1,6*	1.000
22605PF01	38,9	8,1	6,4 - 19,4	Ø 27,8	**bis zu 1,6** / *Up to 1,6*	1.000
22606PF01	23,4	15,9	2,0 - 5,1	Ø 12,7	1,6 - 6,4	1.000
22607PF01	26,2	15,9	3,3 - 9,5	Ø 15,9	1,6 - 6,4	1.000
22608PF01	29,2	15,9	4,4 - 10,2	Ø 19,1	1,6 - 6,4	1.000
22609PF01	32,5	15,9	3,3 - 11,4	Ø 22,2	1,6 - 6,4	1.000
22610PF01	36,3	15,9	5,1 - 18,2	Ø 25,4	1,6 - 6,4	1.000
22611PF01	38,9	15,9	6,4 - 19,4	Ø 27,8	1,6 - 6,4	1.000
22612PF01	45,7	17,0	7,6 - 24,1	Ø 34,9	1,6 - 6,4	500
22613PF01	49,0	17,0	9,5 - 26,9	Ø 38,1	1,6 - 6,4	500





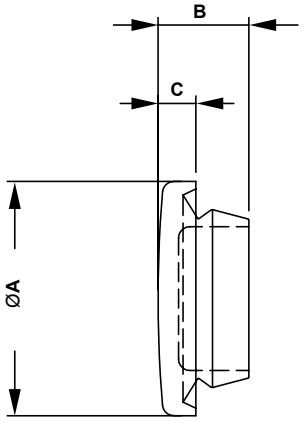


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich**/ *Working temperature:* **-35°C ~ +105°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	D	E	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14874PS01	Ø16,0	Ø14,0	1,5	1,1	Ø13,0	1,0		1.000
14875PS01	Ø16,0	Ø14,0	2,5	1,3	Ø13,0	1,0 - 1,2		1.000





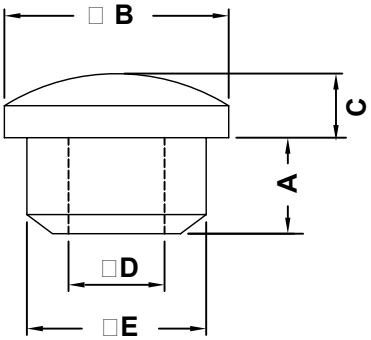


- **Material: TPE** / *Material: TPE*
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich**/ *Working temperature:* **-35°C ~ +105°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14876PS01	Ø31,0	12,0	5,0	Ø22,0	0,8 - 2,0		1.000

BLINDLOCHABDECKUNG
HOLE PLUG



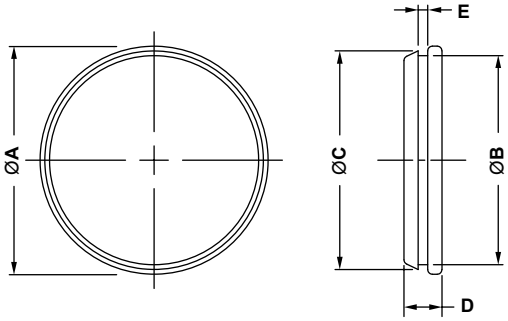


- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich**/ *Working temperature:*
  Gummi / Rubber: -35°C ~ +90°C
- **Max.Temperatur** / *For high temperature*
  Silikon / Silicon: bis 315°C / Silicon: *until to +315°C*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Material *Material*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
18224PD01	Ø3,0	Ø7,0	Ø2,0	Ø3,0	5,6	**Gummi** / *Rubber*		1.000
18224SI01	Ø3,0	Ø7,0	Ø2,0	Ø3,0	5,6	**Silikon** / *Silicon*		1.000

BLINDLOCHABDECKUNG
PLUGS



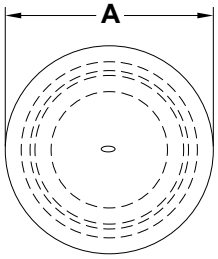


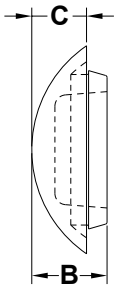
- **Material: TPE** / *Material: TPE*
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich/** *Working temperature:* **-35°C ~ +105°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
14873PS01	Ø16,0	Ø13,0	Ø14,0	3,5	1,0	**Schwarz** / *Black*	1.000
14872PS00	Ø24,0	Ø22,0	Ø23,0	4,0	1,0	**Natur** / Natural	1.000

BLINDLOCHABDECKUNG
HOLE PLUG





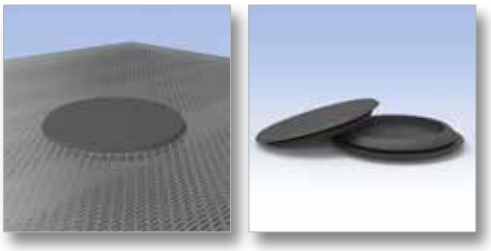


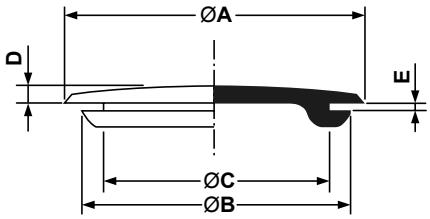
- **Material: TPE Shore 85** / *Material: TPE Shore 85*
- **Temperaturbereich** / *Working temperature:* **-60°C ~ +135°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Mounting hole*	Plattenstärke *Panel thickness*	Zertifizierungen *Certifications*	VPE-Stckz. *Moq-Pcs*
22620PF01	23,1	11,4	7,4	Ø 12,7	3,2 mm	VDE	2.500
22621PF01	26,2	11,9	7,9	Ø 15,9	3,2 mm	VDE	2.500
22622PF01	29,2	13,0	8,9	Ø 19,1	3,2 mm	VDE	1.500
22623PF01	32,5	13,5	9,1	Ø 22,2	3,2 mm	UL	2.500
22624PF01	35,8	14,2	10,2	Ø 25,4	3,2 mm	VDE	1.000
22625PF01	38,6	14,0	10,2	Ø 27,8	3,2 mm	UL	1.500
22626PF01	45,2	14,5	10,7	Ø 34,9	3,2 mm	UL	1.000

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BLINDLOCHABDECKUNG
HOLE PLUG



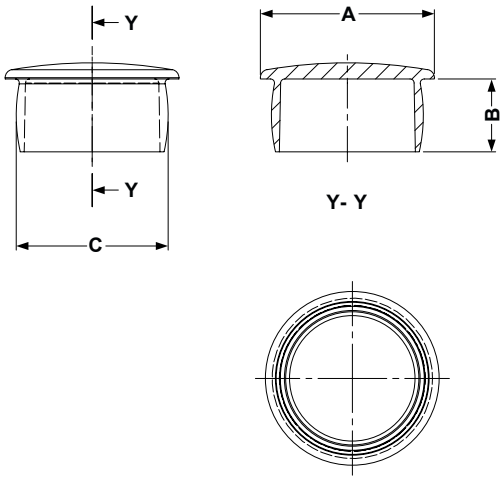


- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Ø Bohrung *Ø Hole*	VPE-Stckz. *Moq-Pcs*
4861CA01	9,3	9,3	4,7	4,6	1,6	Ø 4,7	10.000
4862CA01	9,5	9,5	6,4	5,0	1,6	Ø 6,4	10.000
4863CA01	14,5	10,6	8,0	4,0	0,8	Ø 8,0	10.000
4864CA01	14,5	10,6	8,0	4,5	1,6	Ø 8,0	10.000
4865CA01	15,0	12,4	9,0	6,6	1,6	Ø 9,0	10.000
4866CA01	17,7	12,8	11,2	6,2	1,6	Ø 11,2	10.000
4867CA01	17,0	15,5	11,5	7,0	1,6	Ø 11,5	10.000
4868CA01	17,5	15,9	11,9	7,1	1,2	Ø 11,9	10.000
4869CA01	19,0	13,1	12,0	6,5	0,8	Ø 12,0	10.000
4870CA01	18,7	15,5	12,7	5,6	1,6	Ø 12,7	10.000
4871CA01	20,0	18,4	14,9	7,0	1,3	Ø 14,9	10.000
4872CA01	22,0	19,0	15,5	7,5	1,6	Ø 15,5	10.000
4873CA01	19,0	19,0	15,9	7,1	1,6	Ø 15,9	10.000
4874CA01	20,0	18,5	16,3	7,0	1,3	Ø 16,3	10.000
4875CA01	25,0	21,5	19,0	6,5	1,6	Ø 19,0	5.000
4876CA01	25,0	21,5	20,0	6,5	1,6	Ø 20,0	5.000
4877CA01	28,5	26,6	22,0	8,2	2,4	Ø 22,0	3.000
4878CA01	28,5	27,0	22,5	7,5	1,6	Ø 22,5	3.000
4879CA01	30,0	27,5	24,5	8,7	2,4	Ø 24,5	4.000
4881CA01	32,0	28,3	25,4	9,0	1,6	Ø 25,4	3.000
4882CA01	32,0	28,3	25,4	9,0	2,4	Ø 25,4	3.000
4880CA01	38,5	28,5	25,0	4,6	0,8	Ø 25,0	3.000
4885CA01	38,2	35,4	32,0	9,0	3,1	Ø 32,0	2.000
4883CA01	38,2	31,5	31,5	7,0	0,8	Ø 31,5	2.000
4884CA01	38,2	35,4	31,5	7,5	1,6	Ø 31,5	2.000
4886CA01	43,7	43,0	38,2	8,2	1,6	Ø 38,2	1.500
4887CA01	57,5	52,6	51,5	11,4	1,6	Ø 51,5	500

VERSCHLUSSSTOPFEN
HOLE PLUG





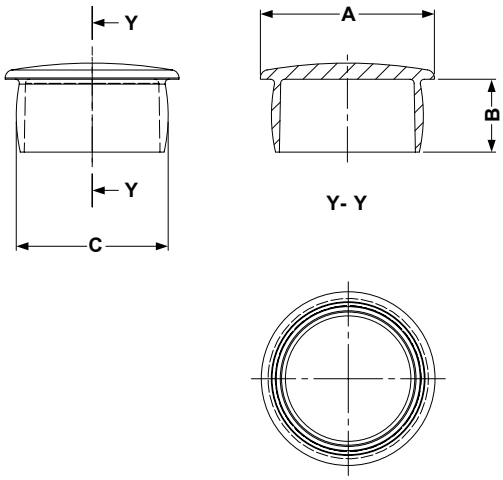
- **Material: LDPE** / *Material: LDPE*
- **Farbe: Natur** / *Colour: Natural*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Gewinde *Size*	VPE-Stckz. *Moq-Pcs*
21000EA00	3,5	7,0	2,0	M2,5 M2,2 x 0,25	1.000
21001EA00	12,0	4,8	2,6	M3	1.000
21002EA00	13,0	4,0	3,0	M3,5 M3,5 x 0,35	1.000
21003EA00	9,0	5,5	4,4	M5	1.000
21004EA00	7,0	5,0	4,6	M5 x 0,5	1.000
21005EA00	11,0	6,0	5,2	M6 M6 x 0,75	1.000
21006EA00	12,0	7,5	5,4	M6 M6 x 0,75	1.000
21007EA00	11,0	7,0	6,0	M7	1.000
21008EA00	7,5	5,0	6,6	-	1.000
21009EA00	11,0	6,5	7,0	M8 M8 x 1,0	1.000
21010EA00	11,0	6,0	7,3	M8 M8 x 0,75 M8 x 1,0	1.000
21011EA00	11,0	4,5	7,5	M8 x 0,75	1.000
21012EA00	12,0	7,5	8,0	M9 M9 x 1,0	1.000
21013EA00	12,0	8,0	8,5	M10	1.000
21014EA00	11,5	8,0	8,8	M10 M10 x 1,25 R 1/8”	1.000
21015EA00	12,0	9,0	9,3	M10 x 0,75 R 1/8” M10 x 1,0	1.000
21016EA00	15,0	9,0	10,0	M11 M11 x 1,0	1.000
21017EA00	12,0	4,0	10,0	M11 M11 x 1,0	1.000
21018EA00	15,0	9,0	10,7	M12 M12 x 1,25 M12 x 1,5	1.000
21019EA00	15,0	8,4	11,9	M14 R 1/4”	1.000
21020EA00	23,0	8,0	12,0	M14 R 1/4”	1.000

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VERSCHLUSSSTOPFEN
HOLE PLUG



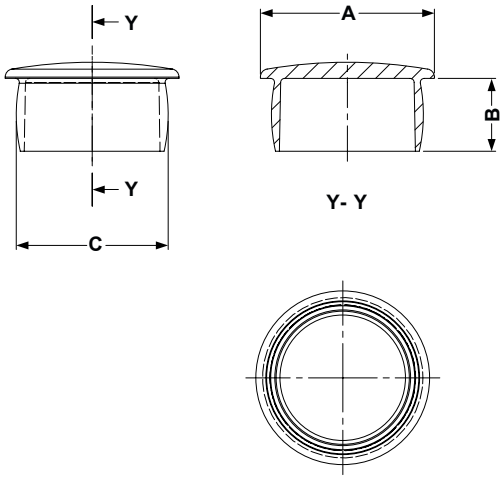


- **Material: LDPE** / *Material: LDPE*
- **Farbe: Natur** / *Colour: Natural*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Gewinde *Size*	VPE-Stckz. *Moq-Pcs*
21021EA00	17,5	9,0	12,6	M14 M14 x 1,5	1.000
21022EA00	17,5	8,0	13,2	M14 x 1,0	1.000
21023EA00	19,5	8,5	13,8	M14 x 0,5 M15 x 1,5	1.000
21024EA00	18,5	9,0	14,8	M16 M16 x 1,5	1.000
21025EA00	19,5	8,5	15,4	M18 M16 x 0,75 R 3/8" M16 x 1,0	1.000
21026EA00	19,0	8,5	16,0	M18 M16 x 0,75 R 3/8"	1.000
21027EA00	20,0	9,0	16,8	M18 x 1,5	1.000
21028EA00	23,0	9,5	17,2	M18 x 0,75 M18 x 1,0	1.000
21029EA00	21,5	9,2	18,9	M20 x 2,0	1.000
21030EA00	25,5	9,3	19,6	M22 M20 x 0,75 R 1/2 Pg 13,5	1.000
21031EA00	29,0	9,3	19,6	M22 M20 x 0,75 R 1/2 Pg 13,5	1.000
21032EA00	25,5	9,0	20,5	M22 M22 x 2,0	1.000
21033EA00	26,0	13,0	21,1	M24 M22 x 1,0 R 5/8" M22 x 1,5	1.000
21034EA00	29,0	9,0	22,7	M24 x 2,0	1.000
21035EA00	27,4	19,6	23,0	M24 x 1,0	1.000
21036EA00	27,0	12,5	24,0	M27 M25 x 1,0	1.000
21037EA00	32,0	13,0	25,0	M27 M25 x 1,0 R 3/4" M26 x 1,5	1.000
21038EA00	36,0	13,0	25,0	M27 M25 x 1,0 R 3/4"	1.000
21039EA00	31,5	12,0	26,0	M28 x 2,0	1.000
21040EA00	29,6	15,0	27,1	M30 M28 x 1,0 Pg 21 M30 x 3,0	1.000
21041EA00	34,5	15,0	29,0	M30 x 1,5 R 7/8" M30 x 2,0	1.000
21042EA00	38,0	13,0	31,2	M33 M32 x 1,5 R1" M33 x 2,0	1.000

VERSCHLUSSSTOPFEN
HOLE PLUG





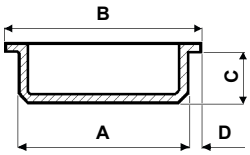
- **Material: LDPE /** *Material: LDPE*
- **Farbe: Natur /** *Colour: Natural*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Gewinde *Size*	VPE-Stckz. *Moq-Pcs*
21043EA00	45,0	13,0	31,2	M33 M32 x 1,5 R1”	1.000
21044EA00	41,0	41,0	33,5	M35 x 1,5	1.000
21045EA00	40,0	40,0	34,0	M36 x 2,0	1.000
21046EA00	47,0	14,5	35,5	M39 R 1 1/8” Pg 29	1.000
21047EA00	47,0	18,0	36,5	M38 x 1,5 R 1 1/8” M39 x 3,0	1.000
21048EA00	46,0	16,0	39,7	M42 x 3,0 R 1 1/4”	1.000
21049EA00	51,0	15,0	39,7	M42 x 3,0 R 1 1/4”	1.000
21050EA00	42,0	15,0	39,7	M42 x 3,0 R 1 1/4”	1.000
21051EA00	44,5	12,8	42,0	M45 x 3,0	1.000
21052EA00	50,5	14,5	43,3	M48 M45 x 2,0	1.000
21053EA00	51,0	16,0	45,5	M48 x 3,0	1.000
21054EA00	51,0	16,5	46,0	R 1 1/2” Pg 36	1.000
21055EA00	58,0	16,5	46,2	R 1 1/2” Pg 36	1.000
21056EA00	57,0	15,5	51,3	M56 M52 x 1,5 R 1 3/4” Pg 36 M52 x 2,0	1.000
21057EA00	60,0	16,0	52,3	M55 x 3,0 R 1 3/4” M55 x 4,0 M56 x 4,0	1.000
21058EA00	59,5	19,5	55,3	M60 M58 x 3,0	1.000
21059EA00	58,6	15,6	55,5	M60 M58 x 3,0	1.000
21060EA00	62,3	19,8	57,2	M60 x 2,0 R 2” M60 x 3,0 M62 x 4,0	1.000
21061EA00	74,7	20,0	61,5	M68 M64 x 3,0 M65 x 4,0	1.000
21062EA00	80,0	18,0	70,0	M72 x 2,0 M72 x 3,0 M76 x 6,0	1.000
21063EA00	95,0	18,0	85,0	-	1.000
21064EA00	130,0	17,5	110,0	R 4”	1.000

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ROHRSCHUTZSTOPFEN
ROUND PIPE END PLUGS





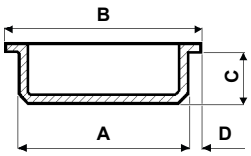
- **Material: Polyethylen LD-PE** / *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø A	Ø B	C	D	VPE-Stckz. *Moq-Pcs*
3790EA00	**2,0**	6,5	3,0	2,25	25.000
3791EA00	**2,5**	6,5	3,5	2,0	25.000
3792EA00	**3,0**	6,5	4,5	1,75	25.000
3793EA00	**3,5**	7,0	4,5	1,75	25.000
3794EA00	**4,0**	7,5	5,0	1,75	25.000
1001EA00	**4,5**	8,0	5,0	1,75	25.000
1004EA00	**5,0**	9,0	6,0	2,0	25.000
1006EA00	**5,5**	9,0	6,0	1,75	25.000
1003EA00	**6,0**	9,5	6,0	1,75	25.000
1000EA00	**6,5**	10,0	7,0	1,75	25.000
3795EA00	**7,0**	10,0	6,0	1,50	25.000
3796EA00	**7,5**	10,5	6,5	1,50	25.000
1002EA00	**8,0**	11,0	7,0	1,50	10.000
1005EA00	**8,5**	11,5	7,5	1,50	10.000
3517EA00	**9,0**	11,5	7,5	1,50	10.000
3797EA00	**9,5**	12,5	7,5	1,50	10.000
3798EA00	**10,0**	13,0	8,5	1,50	25.000
3799EA00	**10,5**	13,5	8,5	1,50	25.000
3800EA00	**11,0**	14,5	8,5	1,75	25.000
3801EA00	**11,5**	14,5	8,5	1,50	25.000
3518EA00	**12,0**	14,5	9,0	1,25	25.000
3802EA00	**12,5**	15,5	9,0	1,50	25.000
3803EA00	**13,0**	16,5	9,5	1,75	12.500
3804EA00	**13,5**	16,5	9,5	1,50	20.000
3519EA00	**14,0**	17,5	10,0	1,75	20.000
3805EA00	**14,5**	17,5	9,5	1,50	12.500
3520EA00	**15,0**	18,0	9,5	1,50	17.500
3521EA00	**15,5**	18,5	9,5	1,50	10.000
3806EA00	**16,0**	19,5	10,0	1,75	15.000
3522EA00	**16,5**	19,5	10,5	1,50	12.500

ARTIKEL *P/N*	Ø A	Ø B	C	D	VPE-Stckz. *Moq-Pcs*
3523EA00	**17,0**	20,5	10,5	1,75	10.000
3807EA00	**17,5**	21,0	10,5	1,75	12.500
3524EA00	**18,0**	21,5	10,5	1,75	10.000
3808EA00	**18,5**	23,0	10,0	2,25	10.000
3525EA00	**19,0**	22,0	10,0	1,50	9.000
3809EA00	**19,5**	23,0	10,5	1,75	10.000
3526EA00	**20,0**	23,5	11,0	1,75	10.000
3527EA00	**20,5**	24,5	10,5	2,0	8.500
3528EA00	**21,0**	24,5	11,0	1,75	8.000
3529EA00	**21,5**	25,5	11,0	2,0	6.500
3810EA00	**22,0**	25,5	11,0	1,75	6.500
3811EA00	**22,5**	26,0	10,5	1,75	6.500
3812EA00	**23,0**	27,0	10,5	2,0	6.500
3530EA00	**23,5**	27,5	10,5	2,0	6.000
3531EA00	**24,0**	28,0	11,5	2,0	6.000
1007EA00	**24,5**	28,0	10,5	1,75	5.000
3533EA00	**25,0**	30,0	11,0	2,50	5.000
3813EA00	**25,5**	29,0	10,5	1,75	5.000
3534EA00	**26,0**	30,5	10,5	2,25	5.000
3814EA00	**26,5**	30,0	10,5	1,75	5.000
3815EA00	**27,0**	31,0	9,5	2,0	5.000
3535EA00	**27,5**	31,0	10,5	1,75	5.000
3816EA00	**28,0**	32,5	10,5	2,25	4.000
3817EA00	**28,5**	32,0	10,0	1,75	5.000
3818EA00	**29,0**	32,0	9,5	1,50	5.000
3819EA00	**29,5**	33,0	10,5	1,75	4.500
3820EA00	**30,0**	33,0	10,0	1,50	5.000
3821EA00	**30,5**	34,0	10,0	1,75	4.000
1008EA00	**31,0**	36,0	10,5	2,50	3.250
3822EA00	**31,5**	35,0	10,5	1,75	3.250

ROHRSCHUTZSTOPFEN
ROUND PIPE END PLUGS





- **Material: Polyethylen LD-PE** / *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

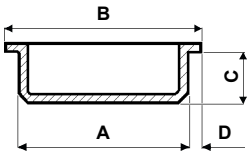
ARTIKEL *P/N*	Ø A	Ø B	C	D	VPE-Stckz. *Moq-Pcs*
3823EA00	**32,0**	37,0	10,5	2,50	2.500
3824EA00	**32,5**	37,5	10,5	2,50	3.500
3825EA00	**33,0**	38,0	10,5	2,50	3.500
3537EA00	**33,5**	37,5	10,5	2,00	3.000
3538EA00	**34,0**	38,5	10,5	2,25	3.000
3826EA00	**34,5**	38,0	10,5	1,75	3.000
3827EA00	**35,0**	40,0	10,5	2,50	2.750
3828EA00	**35,5**	39,0	10,5	1,75	2.750
3829EA00	**36,0**	41,0	11,0	2,50	2.500
3830EA00	**36,5**	40,0	10,5	1,75	2.500
3831EA00	**37,0**	42,0	11,0	2,50	2.500
3832EA00	**37,5**	41,5	10,5	2,00	2.500
3833EA00	**38,0**	43,0	10,5	2,50	2.500
3834EA00	**38,5**	42,0	10,5	1,75	2.500
3835EA00	**39,0**	44,0	10,5	2,50	2.500
1009EA00	**39,5**	45,0	12,5	2,75	2.500
3836EA00	**40,0**	45,0	10,5	2,50	2.500
3838EA00	**41,0**	46,0	10,5	2,50	2.500
3839EA00	**42,0**	46,5	10,5	2,25	2.250
3840EA00	**43,0**	48,0	12,5	2,50	2.250
3841EA00	**44,0**	49,0	10,5	2,50	2.000
3540EA00	**45,0**	50,0	12,5	2,50	2.000
1010EA00	**46,0**	51,0	12,5	2,50	1.750
3842EA00	**47,0**	51,5	10,5	2,25	2.000
3843EA00	**48,0**	53,0	10,5	2,50	1.750
4998EA00	**48,5**	52,0	10,5	1,75	1.750
3844EA00	**49,0**	54,5	11,0	2,25	1.750
3845EA00	**50,0**	54,0	10,0	2,00	1.750
3846EA00	**51,0**	56,0	11,0	2,50	1.750
3847EA00	**52,0**	57,5	11,0	2,75	1.500

ARTIKEL *P/N*	Ø A	Ø B	C	D	VPE-Stckz. *Moq-Pcs*
3848EA00	**53,0**	59,0	11,0	3,00	1.500
4999EA00	**53,5**	55,5	9,5	1,00	1.500
3542EA00	**54,0**	61,0	11,0	3,50	1.250
3849EA00	**55,0**	61,0	10,0	3,00	1.250
3850EA00	**56,0**	63,0	12,0	3,50	1.000
5245EA00	**56,5**	59,5	10,5	1,50	1.250
3851EA00	**57,0**	61,0	10,0	2,00	1.000
3853EA00	**58,0**	65,0	11,0	3,50	1.000
3854EA00	**59,0**	65,0	11,0	3,00	1.000
3855EA00	**60,0**	65,0	11,0	2,50	1.000
3856EA00	**61,0**	67,5	11,0	3,25	1.000
3858EA00	**62,0**	68,0	11,0	3,00	1.000
3859EA00	**63,0**	66,5	12,5	1,75	1.000
5246EA00	**63,5**	70,0	10,5	3,25	1.000
3861EA00	**64,0**	67,5	9,5	1,75	1.000
3862EA00	**65,0**	69,0	10,0	2,00	1.000
3863EA00	**66,0**	71,0	12,0	2,50	1.000
3864EA00	**67,0**	73,0	10,0	3,00	750
3865EA00	**68,0**	75,0	11,0	4,00	900
3866EA00	**69,0**	75,0	10,5	3,00	900
3867EA00	**70,0**	74,0	11,0	2,00	900
3868EA00	**71,0**	74,5	11,0	1,75	850
5247EA00	**71,5**	74,5	10,5	1,50	850
3870EA00	**72,0**	79,0	12,0	3,50	850
3871EA00	**73,0**	76,5	9,5	1,75	750
3872EA00	**74,0**	77,5	10,5	1,75	750
3874EA00	**75,0**	79,0	9,5	2,00	750
3875EA00	**76,0**	80,0	10,5	2,00	750
3876EA00	**77,0**	81,0	9,5	2,00	750
3877EA00	**78,0**	82,0	10,5	2,00	750

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ROHRSCHUTZSTOPFEN
ROUND PIPE END PLUGS





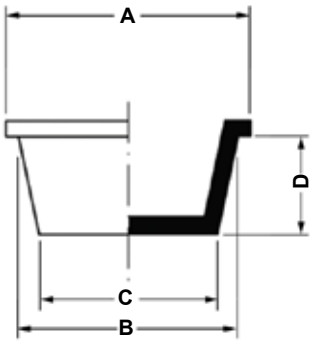
- **Material: Polyethylen LD-PE** / *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Ø A	Ø B	C	D	VPE-Stckz. *Moq-Pcs*
3878EA00	**79,0**	86,0	13,5	2,50	750
3879EA00	**80,0**	84,0	9,5	2,00	750
3880EA00	**81,0**	85,0	9,5	2,00	750
3881EA00	**82,0**	85,5	9,5	1,75	750
3882EA00	**83,0**	86,5	9,5	1,75	750
3883EA00	**84,0**	90,0	10,0	2,00	650
5248EA00	**84,5**	90,0	8,0	2,75	650
3885EA00	**85,0**	88,5	9,5	1,75	650
3887EA00	**86,0**	92,0	9,5	3,00	650
3888EA00	**86,5**	89,0	10,0	1,25	650
3889EA00	**87,0**	90,5	9,5	1,75	650
3890EA00	**88,0**	91,5	9,5	1,75	650
5249EA00	**89,0**	92,5	9,5	1,75	625
5250EA00	**90,0**	92,5	10,0	1,25	650
5251EA00	**91,0**	93,0	9,5	1,00	600
5252EA00	**92,0**	94,5	9,5	1,25	600
5253EA00	**93,0**	96,0	9,5	3,00	600
5254EA00	**94,0**	97,0	9,5	1,50	600
5255EA00	**95,0**	97,0	9,0	1,00	500
5256EA00	**96,0**	98,0	9,5	1,00	500
5257EA00	**97,0**	99,0	9,5	1,00	500
5258EA00	**98,0**	100,0	10,0	1,00	500
5259EA00	**99,0**	102,0	9,5	1,50	500
5260EA00	**100,0**	104,5	10,5	2,25	500
5261EA00	**101,0**	105,0	10,5	2,00	500
5262EA00	**103,0**	106,0	11,0	1,50	500
5263EA00	**104,0**	106,5	11,0	1,25	500
5264EA00	**105,0**	108,0	10,5	1,50	400

ARTIKEL *P/N*	Ø A	Ø B	C	D	VPE-Stckz. *Moq-Pcs*
5265EA00	**106,0**	109,5	10,5	1,75	400
5266EA00	**107,0**	110,0	10,5	1,50	400
5267EA00	**108,0**	111,5	10,5	1,75	400
5268EA00	**110,0**	114,0	12,5	2,00	325
3891EA00	**111,0**	115,0	13,5	2,00	300
5269EA00	**112,0**	116,0	10,5	2,00	300
5270EA00	**115,0**	118,5	12,0	1,75	300
5271EA00	**121,0**	124,0	12,0	1,50	250
5272EA00	**125,0**	130,0	13,5	2,50	250
5273EA00	**130,0**	134,0	13,5	2,00	250
5274EA00	**132,0**	136,5	13,0	2,25	450
5275EA00	**140,0**	144,0	13,5	2,00	400
5276EA00	**150,0**	154,0	14,5	2,0,0	250
5277EA00	**160,0**	167,0	14,0	3,50	200
5278EA00	**167,0**	178,0	17,5	5,50	200
5279EA00	**180,0**	187,0	14,5	3,50	150
5280EA00	**184,0**	194,0	16,0	5,00	250
5281EA00	**186,0**	194,0	16,0	4,00	200
5282EA00	**200,0**	208,0	14,0	4,00	200
5283EA00	**208,0**	220,0	15,0	6,00	100
5284EA00	**233,0**	245,0	16,0	6,00	100
5285EA00	**250,0**	259,0	14,5	4,50	120
5286EA00	**261,0**	273,0	16,0	2,00,	100
5287EA00	**285,0**	298,0	18,0	6,50	100
5288EA00	**3110**	324,0	18,0	6,50	100

BLINDLOCHABDECKUNG
TAPERED PROTECTION PLUG





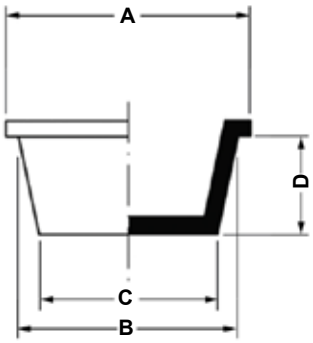
- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Rot** / *Colour: Red*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	C	B	D	A	In ein Außengewinde eingesetzt *Inserted in a male thread*	In ein Innengewinde eingesetzt *Inserted in a female thread*	VPE-Stckz. *Moq-Pcs*
13283EA04	**2.9**	4.6	9.5	7.9	-	-	2.500
13284EA04	**4.4**	6.1	9.5	9.5	M4	M6, 1/4" UNF	2.500
13285EA04	**4.7**	8.5	22.5	11.7	-	-	2.500
13286EA04	**5.6**	7.0	8.4	10.5	-	-	2.500
13287EA04	**6.2**	7.6	9.5	11.1	M5/M6	M8, 5/16" UNF	2.500
13288EA04	**7.7**	9.3	8.0	12.7	1/4" UNF	-	2.500
13289EA04	**7.7**	9.1	9.5	12.7	-	3/8" UNF	2.500
13290EA04	**8.4**	10.0	9.5	13.5	M8, 5/6" UNF	M10, 1/8" GAS, 7/16" UNF	2.500
13292EA04	**8.6**	10.3	9.8	13.7	-	-	2.500
13293EA04	**9.0**	10.7	11.5	13.9	-	-	2.500
13295EA04	**9.4**	10.8	8.5	14.0	-	-	2.500
13297EA04	**10.0**	11.8	9.5	15.0	M10, 3/8" UNF	M12	2.500
13298EA04	**10.6**	12.2	9.8	15.6	-	-	2.500
13299EA04	**10.9**	12.3	9.3	15.9	1/8" GAS	1/4" GAS, 1/2" UNF	2.500
13300EA04	**11.2**	14.0	18.5	17.5	-	-	2.500
13301EA04	**11.3**	12.9	8.5	16.3	-	-	2.500
13302EA04	**11.3**	13.2	11.0	17.0	-	-	2.500
13304EA04	**11.5**	13.0	9.5	16.7	-	M14	2.500
13305EA04	**12.0**	14.8	11.0	17.5	-	-	1.250
13307EA04	**12.1**	13.9	11.0	17.5	M12	9/16" UNF	1.250
13308EA04	**12.5**	14.0	8.9	17.5	7/16" UNF	-	1.250
13310EA04	**12.8**	15.1	23.1	18.5	-	-	1.000
13311EA04	**13.6**	15.3	11.2	19.0	1/4" GAS, 1/2" UNF	M16, 5/8" UNF	1.250
13312EA04	**14.2**	16.0	12.1	19.0	M14, 9/16" UNF	3/8" UNF	1.250
13313EA04	**14.7**	17.0	12.7	20.6	-	M18	1.250
13314EA04	**14.9**	16.4	11.5	21.0	-	-	1.250

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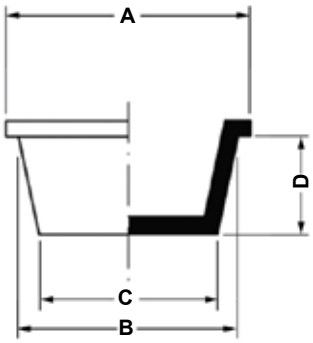


- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Rot** / *Colour: Red*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	C	B	D	A	In ein Außengewinde eingesetzt *Inserted in a male thread*	In ein Innengewinde eingesetzt *Inserted in a female thread*	VPE-Stckz. *Moq-Pcs*
13315EA04	**15.5**	17.1	8.5	20.6	-	-	1.250
13317EA04	**16.1**	17.6	8.5	21.0	-	-	1.250
13318EA04	**16.4**	18.3	12.3	22.2	M16, 5/8" UNF	M20, 3/4" UNF	1.250
13319EA04	**16.6**	18.5	13.0	21.9	-	-	1.500
13320EA04	**17.1**	19.4	13.0	22.0	3/8" GAS	M20 x 1.5	1.625
13321EA04	**17.2**	20.2	18.0	24.2	-	-	1.000
13322EA04	**17.5**	20.1	14.5	24.0	M18 x 1.5, M18 x 2	1/2" GAS	1.250
13323EA04	**17.7**	19.6	12.7	22.2	3/8" GAS	M20	1.250
13324EA04	**17.8**	20.0	13.4	23.8	M18	1/2" GAS	1.250
13325EA04	**18.3**	21.4	17.5	25.4	-	-	1.000
13326EA04	**18.5**	20.9	14.3	24.6	3/4" UNF	M22	1.250
13327EA04	**19.0**	21.5	14.3	25.8	-	M22, 7/8" UNF	1.000
13328EA04	**19.4**	22.5	19.0	26.5	-	-	750
13330EA04	**20.5**	23.2	17.5	27.2	-	-	750
13331EA04	**21.2**	23.2	12.3	27.3	-	M24	1.000
13332EA04	**21.3**	23.2	15.9	27.0	M20, 1/2" GAS	5/8" GAS	750
13333EA04	**22.0**	24.8	17.0	29.0	M22 x 2	-	750
13334EA04	**22.0**	25.0	15.9	28.5	M22	1" UNF	750
13335EA04	**22.5**	25.5	17.8	28.9	7/8" UNF	-	1.250
13336EA04	**22.7**	24.9	12.0	27.0	-	-	750
13337EA04	**23.4**	26.4	17.5	29.3	M24, 5/8" GAS	3/4" GAS M27, M26	625
13338EA04	**24.0**	26.9	18.0	31.0	-	-	500
13339EA04	**24.6**	29.5	27.5	34.0	-	-	375
13340EA04	**24.7**	27.7	19.0	32.0	M27, 1" UNF	1.1/8" UNF	500
13341EA04	**25.2**	29.2	19.0	33.0	-	-	375
13342EA04	**26.6**	29.7	26.3	31.6	3/4" GAS	7/8" UNF	375

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TAPERED PROTECTION PLUG





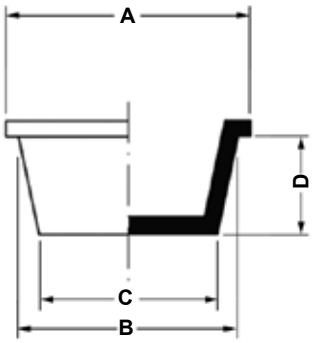
- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Rot** / *Colour: Red*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	C	B	D	A	In ein Außengewinde eingesetzt *Inserted in a male thread*	In ein Innengewinde eingesetzt *Inserted in a female thread*	VPE-Stckz. *Moq-Pcs*
13344EA04	**28.0**	30.9	19.0	35.3	M27, M28	M30	500
13345EA04	**29.2**	31.2	12.7	34.7	M22 x 2	-	500
13347EA04	**30.0**	32.6	15.2	36.7	M30	M33, 1" GAS	500
13348EA04	**30.5**	33.3	14.5	37.0	7/8" GAS	-	500
13349EA04	**31.1**	34.3	17.5	38.1	-	1.3/8" UNF	375
13350EA04	**31.1**	34.4	19.0	38.1	1.1/4" UNF	M35	375
13351EA04	**31.6**	36.3	24.1	40.2	1.5/16" UNF	-	250
13352EA04	**33.3**	34.4	9.5	38.1	-	-	625
13353EA04	**33.3**	37.2	22.2	41.6	1.1/8" GAS	1.1/2" UNF	250
13354EA04	**33.9**	38.3	24.5	42.3	-	-	250
13355EA04	**33.9**	37.3	12.3	42.2	1.3/8" UNF	1.5/8" UNF	500
13356EA04	**34.9**	36.4	8.2	42.7	-	-	625
13357EA04	**35.9**	40.2	24.5	44.1	-	-	500
13358EA04	**36.3**	38.3	12.0	42.3	-	-	750
13359EA04	**36.9**	40.6	22.5	44.0	1.1/8" GAS	1.1/4" GAS	500
13360EA04	**38.6**	40.6	12.7	44.5	1.1/2" UNF	-	750
13361EA04	**39.6**	42.7	18.5	47.6	1.3/8" GAS	M42, M45, 1.3/8" GAS	500
13362EA04	**40.8**	44.7	24.0	49.0	-	-	250
13363EA04	**41.4**	44.8	19.0	49.2	1.1/4" GAS	M45	500
13364EA04	**42.5**	44.8	12.6	50.7	-	-	500
13365EA04	**43.4**	48.5	24.5	53.3	-	-	300
13366EA04	**44.1**	46.7	18.4	49.8	-	-	400
13367EA04	**44.4**	47.7	19.0	51.0	M45 x 1.5/2/3	1.7/8" UNF - 1.1/2" GAS	500
13368EA04	**45.2**	49.0	24.5	53.4	1.3/8" GAS	1.1/2" GAS	300
13370EA04	**45.9**	46.3	9.5	50.8	-	M48	500
13371EA04	**46.0**	50.0	24.8	54.0	-	-	250

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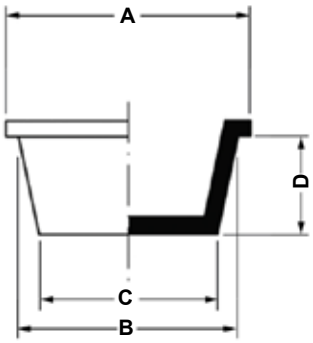


- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Rot** / *Colour: Red*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	C	B	D	A	In ein Außengewinde eingesetzt *Inserted in a male thread*	In ein Innengewinde eingesetzt *Inserted in a female thread*	VPE-Stckz. *Moq-Pcs*
13373EA04	**47.2**	51.9	24.0	55.8	-	-	250
13374EA04	**47.5**	50.3	25.0	54.0	-	-	250
13375EA04	**48.0**	52.7	25.4	57.1	-	-	250
13376EA04	**48.6**	51.2	18.7	55.5	1.1/2" GAS	M52	250
13377EA04	**49.8**	54.0	24.3	58.0	1.1/2" GAS	M52	250
13378EA04	**51.1**	54.4	25.0	57.0	-	-	250
13379EA04	**51.5**	54.1	18.5	58.3	-	-	250
13380EA04	**53.5**	57.0	25.1	62.4	1.3/4" GAS	M56, M55	200
13381EA04	**54.0**	58.4	24.5	62.4	-	-	200
13383EA04	**55.0**	61.0	25.0	65.0	-	-	200
13384EA04	**55.4**	58.8	25.1	65.0	M58	M60, M58, 2" GAS	200
13385EA04	**57.5**	57.6	12.8	63.6	-	-	350
13387EA04	**59.3**	67.3	31.7	70.3	-	-	150
13388EA04	**59.6**	62.6	24.6	66.7	M60, 2" GAS	M62, M60	150
13389EA04	**62.0**	66.4	28.0	71.0	-	-	150
13390EA04	**63.3**	69.8	25.4	73.0	-	-	200
13391EA04	**64.5**	67.3	15.8	70.6	-	-	200
13393EA04	**68.1**	70.9	19.0	74.6	-	-	200
13394EA04	**70.0**	75.8	25.4	79.4	-	M76, M75, 2.1/2" GAS	150
13395EA04	**74.0**	77.0	18.7	82.5	-	-	150
13396EA04	**74.0**	76.8	24.4	80.0	-	-	200
13397EA04	**76.8**	82.2	25.4	85.7	-	-	250
13398EA04	**77.1**	80.7	19.0	85.7	2.1/2" GAS	-	150
13399EA04	**80.0**	86.1	25.1	89.8	-	3" GAS	250
13400EA04	**84.2**	90.8	28.0	94.5	3" GAS	-	250
13402EA04	**85.3**	88.0	19.0	92.0	-	-	125

BLINDLOCHABDECKUNG
TAPERED PROTECTION PLUG





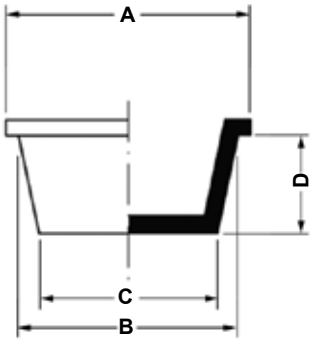
- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Rot** / *Colour: Red*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	C	B	D	A	In ein Außengewinde eingesetzt *Inserted in a male thread*	In ein Innengewinde eingesetzt *Inserted in a female thread*	VPE-Stckz. *Moq-Pcs*
13403EA04	**87.5**	93.6	34.3	96.7	-	-	125
13404EA04	**88.1**	93.3	28.6	96.5	-	-	150
13405EA04	**92.1**	97.0	32.0	100.0	-	-	150
13406EA04	**93.5**	100.3	26.5	107.5	-	-	200
13407EA04	**94.5**	100.6	34.5	103.6	-	-	50
13408EA04	**96.5**	102.0	31.0	110.0	-	-	100
13409EA04	**98.0**	102.0	24.7	107.2	-	-	200
13410EA04	**98.2**	103.3	28.8	106.0	-	-	150
13411EA04	**101.9**	107.5	28.6	109.0	-	-	150
13412EA04	**106.7**	111.7	28.6	113.3	-	-	125
13413EA04	**108.0**	114.1	35.2	118.5	-	-	125
13414EA04	**109.0**	113.0	27.0	123.0	-	-	175
13415EA04	**110.0**	115.0	28.0	118.5	-	-	125
13416EA04	**111.5**	117.6	35.0	122.0	-	-	125
13417EA04	**112.1**	114.3	28.6	116.8	-	-	125
13418EA04	**124.0**	128.0	23.0	134.0	-	-	75
13419EA04	**129.0**	135.1	36.5	139.5	-	-	75
13420EA04	**139.5**	145.6	36.5	150.0	-	-	75
13422EA04	**146.8**	151.0	33.0	159.5	-	-	50
13423EA04	**153.7**	161.5	29.6	178.9	-	-	60
13435EA04	**216.0**	223.6	29.1	241.5	-	-	50

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BLINDLOCHABDECKUNG
TAPERED UNIVERSAL PLUG



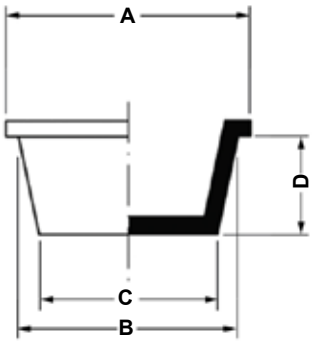


- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Blau** / *Colour: Blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**C**	**B**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
13450EA08	**7,9**	2,9	4,6	10,3		1.000
13451EA08	**7,9**	3,5	4,6	6,4		1.000
13452EA08	**9,5**	4,5	6,1	9,5		1.000
13453EA08	**9,5**	5,3	6,8	9,5		1.000
13457EA08	**11,9**	6,7	8,5	9,5		6.000
13458EA08	**13,5**	7,6	9,3	9,5		5.000
13460EA08	**12,7**	8,4	9,3	5,6		8.000
13461EA08	**14,3**	8,4	10,1	9,5		4.500
13462EA08	**15,1**	9,1	10,9	9,5		4.000
13463EA08	**15,9**	9,9	11,7	9,5		3.000
13465EA08	**15,1**	10,7	12,3	9,5		3.400
13466EA08	**15,9**	11,4	13,0	10,3		3.000
13467EA08	**18,3**	12,5	13,9	12,7		3.000
13468EA08	**18,3**	12,1	13,8	7,9		3.000
13469EA08	**22,2**	12,1	13,9	12,7		3.500
13470EA08	**19,1**	12,7	14,4	11,1		3.000
13471EA08	**19,1**	13,5	15,8	11,8		2.500
13472EA08	**19,8**	14,0	16,1	12,7		2.500
13473EA08	**22,2**	15,0	17,2	13,5		2.500
13474EA08	**21,4**	15,5	17,7	12,7		3.000
13475EA08	**22,2**	16,3	18,5	12,7		2.500
13476EA08	**22,2**	17,2	19,2	15,9		2.000
13477EA08	**23,8**	17,5	19,9	15,9		2.000
13478EA08	**25,4**	18,4	21,0	12,7		2.000
13479EA08	**24,6**	18,4	21,0	15,0		4.000
13480EA08	**26,2**	19,1	21,5	15,9		3.500

BLINDLOCHABDECKUNG
TAPERED UNIVERSAL PLUG





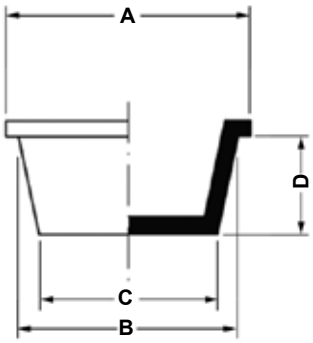
- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Blau** / *Colour: Blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	C	B	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
13481EA08	**27,8**	20,4	23,1	19,1		2.500
13482EA08	**28,6**	20,8	23,7	14,6		2.750
13483EA08	**28,6**	21,7	24,7	19,1		2.250
13484EA08	**28,6**	22,1	24,8	15,9		2.500
13485EA08	**29,4**	22,7	26,4	19,1		2.250
13486EA08	**31,8**	24,9	26,5	12,7		1.250
13487EA08	**31,8**	24,5	27,7	19,1		1.750
13488EA08	**33,3**	25,5	29,1	19,1		1.750
13489EA08	**38,5**	28,2	31,2	19,1		1.250
13490EA08	**36,5**	30,0	32,6	19,1		1.250
13491EA08	**38,1**	31,1	34,3	19,1		1.250
13492EA08	**36,5**	31,4	34,3	19,1		1.250
13493EA08	**38,1**	32,8	34,6	19,1		1.000
13494EA08	**41,3**	32,8	37,0	25,4		750
13495EA08	**41,3**	33,3	37,3	19,1		1.000
13496EA08	**44,5**	34,1	38,5	23,8		750
13497EA08	**44,5**	36,8	40,6	19,1		1.000
13498EA08	**45,2**	38,6	40,7	19,1		850
13499EA08	**44,5**	38,7	38,7	12,7		1.250
13500EA08	**47,6**	39,6	42,5	19,1		750
13501EA08	**49,2**	40,8	44,5	19,1		750
13502EA08	**51,6**	44,1	47,5	19,1		600
13503EA08	**54,0**	45,9	49,7	25,4		450
13504EA08	**51,6**	45,7	46,4	12,7		1.000
13505EA08	**54,0**	46,9	51,3	25,4		500
13506EA08	**57,2**	48,3	53,0	25,4		425

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BLINDLOCHABDECKUNG
TAPERED UNIVERSAL PLUG



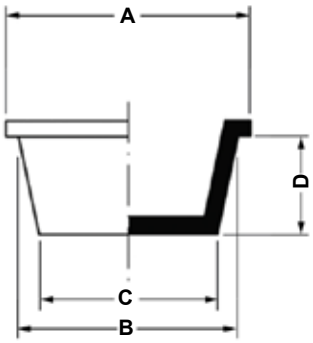


- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Blau** / *Colour: Blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**C**	**B**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
13507EA08	**57,2**	50,3	55,1	25,4		400
13508EA08	**58,7**	51,2	54,5	19,1		500
13509EA08	**61,9**	52,4	57,2	26,2		350
13510EA08	**66,7**	54,8	59,8	25,4		300
13511EA08	**63,5**	56,5	57,9	12,7		600
13512EA08	**63,5**	54,1	61,6	25,4		350
13513EA08	**66,7**	58,4	63,1	25,4		300
13514EA08	**66,7**	60,8	66,2	25,4		300
13515EA08	**69,9**	61,7	67,2	19,1		350
13516EA08	**69,9**	58,7	67,3	25,4		375
13517EA08	**73,0**	62,4	69,9	25,4		300
13518EA08	**73,0**	65,0	68,3	19,1		350
13519EA08	**76,2**	67,2	71,3	12,7		500
13520EA08	**79,4**	69,1	76,2	25,4		250
13521EA08	**82,6**	72,4	75,7	19,1		250
13523EA08	**85,7**	75,7	82,4	25,4		200
13522EA08	**85,7**	76,1	80,2	12,7		1.000
13524EA08	**88,9**	78,5	85,5	25,4		200
13525EA08	**92,1**	84,3	87,6	12,7		250
13526EA08	**100,0**	82,2	90,8	25,4		150
13527EA08	**98,4**	88,0	91,4	22,4		175
13529EA08	**101,6**	93,4	96,5	19,1		150
13530EA08	**104,8**	96,5	99,7	17,5		150
13531EA08	**111,1**	99,5	103,4	19,8		125
13532EA08	**114,3**	102,4	106,4	19,1		125
13533EA08	**123,8**	107,1	112,9	25,4		100

BLINDLOCHABDECKUNG
TAPERED UNIVERSAL PLUG



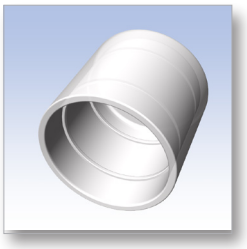


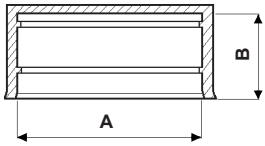
- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Blau** / *Colour: Blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**C**	**B**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
13534EA08	**127,0**	110,9	117,0	25,4		100
13535EA08	**155,7**	138,9	142,8	25,4		50
13532EA08	**158,8**	143,3	149,2	25,4		125
13537EA08	**164,1**	141,0	150,0	25,4		70
13538EA08	**167,9**	152,0	153,4	32,5		75
13539EA08	**168,2**	152,7	157,0	25,4		45
13540EA08	**194,8**	174,8	178,6	13,5		150

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ROHRSCHUTZKAPPEN
ROUND PIPE CAP



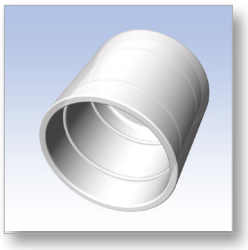


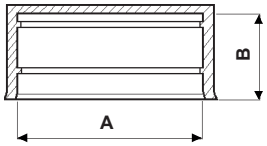
- **Material: Polyethylen LD-PE** / *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	ROHR	VPE-Stckz. *Moq-Pcs*
3892EA00	Ø **4,0**	18,8		5.000
3893EA00	Ø **5,0**	18,8		5.000
3894EA00	Ø **6,0**	18,5		5.000
3895EA00	Ø **6,35**	18,5		5.000
3896EA00	Ø **7,0**	18,5		5.000
3897EA00	Ø **8,0**	19,8		5.000
3898EA00	Ø **9,6**	18,8		5.000
3899EA00	Ø **10,0**	18,8	1/8”	5.000
3900EA00	Ø **11,0**	19,7		5.000
3901EA00	Ø **12,0**	19,6		5.000
3902EA00	Ø **12,7**	19,9		5.000
3903EA00	Ø **13,0**	19,9		5.000
3904EA00	Ø **13,7**	19,9	1/4”	5.000
3905EA00	Ø **14,0**	16,7		5.000
3906EA00	Ø **15,0**	20,1		5.000
3907EA00	Ø **15,5**	16,7		5.000
3908EA00	Ø **16,0**	16,7		5.000
3909EA00	Ø **17,2**	18,0	3/8”	5.000
3910EA00	Ø **18,0**	18,0		5.000
3911EA00	Ø **18,5**	18,0		5.000
3912EA00	Ø **19,0**	18,0		5.000
3913EA00	Ø **20,0**	20,2		2.000
3914EA00	Ø **21,3**	20,8	1/2”	5.000
3915EA00	Ø **22,0**	20,8		5.000
3916EA00	Ø **23,2**	21,0		2.250
3917EA00	Ø **24,0**	21,0		2.000
3919EA00	Ø **25,4**	21,0		2.000
3920EA00	Ø **26,0**	25,0		2.000

ARTIKEL *P/N*	A	B	ROHR	VPE-Stckz. *Moq-Pcs*
3921EA00	Ø **26,9**	25,0	3/4”	4.000
3922EA00	Ø **28,5**	25,0		4.000
3923EA00	Ø **30,0**	25,6		2.000
3924EA00	Ø **31,8**	19,2		2.000
3925EA00	Ø **33,7**	19,2	1”	4.000
3926EA00	Ø **35,0**	25,6		2.000
3927EA00	Ø **38,0**	20,6		2.500
3929EA00	Ø **40,0**	25,6		2.000
3930EA00	Ø **41,3**	20,0		1.000
3931EA00	Ø **42,4**	25,3	1.1/4”	1.000
3932EA00	Ø **44,5**	21,2		1.000
3933EA00	Ø **45,4**	21,2		1.250
3934EA00	Ø **47,5**	25,0		1.000
3935EA00	Ø **48,3**	30,0	1.1/2”	1.000
3936EA00	Ø **51,0**	29,5		1.000
3937EA00	Ø **52,0**	30,8		800
3938EA00	Ø **52,8**	30,8		800
3939EA00	Ø **54,0**	30,0	1.3/4”	1.000
3940EA00	Ø **55,0**	30,0		750
3941EA00	Ø **57,0**	30,0		1.000
3943EA00	Ø **60,3**	27,8	2”	1.000
3944EA00	Ø **63,5**	28,0		600
3945EA00	Ø **65,0**	28,0		500
3946EA00	Ø **67,0**	35,4		500
3947EA00	Ø **70,0**	35,4		600
3948EA00	Ø **73,0**	29,0	2.1/2”	600
3949EA00	Ø **75,0**	29,0		600
3950EA00	Ø **76,2**	29,0	2.1/2”	600

ROHRSCHUTZKAPPEN
ROUND PIPE CAP





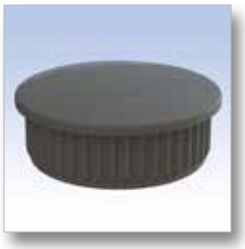
- **Material: Polyethylen LD-PE** / *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +60°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

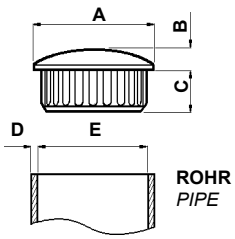
ARTIKEL *P/N*	A	B	ROHR	VPE-Stckz. *Moq-Pcs*
3951EA00	**Ø 77,0**	30,5		700
3952EA00	**Ø 78,0**	30,5		500
3953EA00	**Ø 80,0**	30,5		500
3955EA00	**Ø 82,0**	30,5		500
3956EA00	**Ø 83,0**	30,5		500
3957EA00	**Ø 85,0**	30,5		350
3958EA00	**Ø 88,9**	35,6	3”	400
3959EA00	**Ø 92,4**	30,0		350
3960EA00	**Ø 95,0**	39,0		400
3961EA00	**Ø 98,0**	31,0		350
3962EA00	**Ø 100,0**	31,0		250
5347EA00	**Ø 101,6**	29,5	3.1/2”	350
5348EA00	**Ø 103,0**	41,0		350
5350EA00	**Ø 108,0**	38,6		250
5351EA00	**Ø 110,0**	38,6		350
5352EA00	**Ø 114,3**	40,3	4”	300
5354EA00	**Ø 117,5**	41,5		300
5355EA00	**Ø 121,0**	39,0		300
5356EA00	**Ø 125,0**	39,0		250
5357EA00	**Ø 127,0**	36,2		250
5358EA00	**Ø 130,0**	40,0		260
5359EA00	**Ø 133,0**	40,0		250
5360EA00	**Ø 136,0**	40,0		300
5361EA00	**Ø 138,0**	32,5		250

ARTIKEL *P/N*	A	B	ROHR	VPE-Stckz. *Moq-Pcs*
5362EA00	**Ø 139,7**	40,0	5”	250
5363EA00	**Ø 141,3**	40,0	5”	250
5364EA00	**Ø 146,0**	40,0		200
5365EA00	**Ø 148,0**	39,0		200
5368EA00	**Ø 168,3**	39,6	6”	270

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STOPFEN FÜR ROHRENDEN MIT RÄNDELRAND
ROUND PIPE END PLUGS





- **Material: ABS** / *Material: ABS*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +90°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

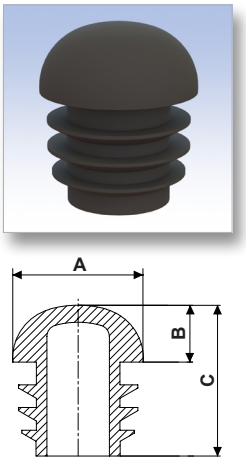
Auf Anfrage erhalten Sie diese Artikel auch verchromt / *Chrome plated suface available by special request*

ARTIKEL P/N	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
0705HA01	**Ø 8**	1,5	4,5	1,0	6,0	1.000
0706HA01	**Ø 10**	2,0	5,0	1,0	8,0	1.000
0707HA01	**Ø 12**	2,0	5,0	1,0	10,0	1.000
0708HA01	**Ø 14**	2,0	8,0	1,0	12,0	1.000
1165HA01	**Ø 16**	3,0	8,0	1,0	14,0	1.000
0709HA01	**Ø 16**	3,0	8,0	1,2	13,6	1.000
1166HA01	**Ø 16**	3,0	8,0	1,5	13,0	1.000
1167HA01	**Ø 18**	3,0	8,0	1,0	16,0	1.000
0710HA01	**Ø 18**	3,0	8,0	1,2	15,6	1.000
1168HA01	**Ø 18**	3,0	8,0	1,5	15,0	1.000
0711HA01	**Ø 19**	3,0	9,0	1,2	16,6	1.000
1169HA01	**Ø 19**	3,0	9,0	1,5	16,0	1.000
1170HA01	**Ø 20**	3,0	8,0	1,0	18,0	1.000
0712HA01	**Ø 20**	3,0	8,0	1,2	17,6	1.000
2039HA01	**Ø 20**	3,0	8,0	1,5	17,0	1.000
1171HA01	**Ø 22**	3,0	8,0	1,0	20,0	1.000
0713HA01	**Ø 22**	3,0	8,0	1,2	19,6	500
1172HA01	**Ø 22**	3,0	8,0	1,5	19,0	500
2040HA01	**Ø 22**	3,0	8,0	2,0	18,0	200
1175HA01	**Ø 25**	4,0	11,0	1,0	23,0	500
0714HA01	**Ø 25**	4,0	11,0	1,2	22,6	500
1174HA01	**Ø 25**	4,0	11,0	1,5	22,0	500
1173HA01	**Ø 25**	4,0	11,0	2,0	21,0	500
1178HA01	**Ø 28**	4,0	10,0	1,0	26,0	250
0715HA01	**Ø 28**	4,0	10,0	1,2	25,6	250
1177HA01	**Ø 28**	4,0	10,0	1,5	25,0	250
1176HA01	**Ø 28**	4,0	10,0	2,0	24,0	500
1180HA01	**Ø 30**	5,0	10,0	1,0	28,0	250
0716HA01	**Ø 30**	5,0	10,0	1,2	27,6	250

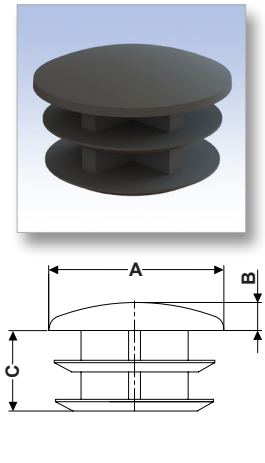
ARTIKEL P/N	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
1179HA01	**Ø 30**	5,0	10,0	1,5	27	250
2041HA01	**Ø 30**	5,0	10,0	2,0	26,0	250
0717HA01	**Ø 32**	4,0	10,0	1,2	29,6	250
1181HA01	**Ø 32**	4,0	10,0	1,5	29,0	250
2042HA01	**Ø 32**	4,0	10,0	2,0	28,0	250
1184HA01	**Ø 35**	3,0	10,0	1,0	33,0	200
0718HA01	**Ø 35**	3,0	10,0	1,2	32,6	200
1183HA01	**Ø 35**	3,0	10,0	1,5	32,0	200
1182HA01	**Ø 35**	3,0	10,0	2,0	31,0	200
1186HA01	**Ø 38**	3,0	10,0	1,5	35,0	200
1185HA01	**Ø 38**	3,0	10,0	2,0	34,0	200
1189HA01	**Ø 40**	3,0	10,0	1,0	38,0	200
1188HA01	**Ø 40**	3,0	10,0	1,5	37,0	200
1187HA01	**Ø 40**	3,0	10,0	2,0	36,0	200
0721HA01	**Ø 45**	4,0	11,0	1,5	42,0	200
1190HA01	**Ø 45**	4,0	11,0	2,0	41,0	200
2043HA01	**Ø 50**	5,0	11,0	1,0	48,0	200
2044HA01	**Ø 50**	5,0	11,0	1,2	47,6	200
0722HA01	**Ø 50**	5,0	11,0	1,5	47,0	200
2045HA01	**Ø 50**	5,0	11,0	2,0	46,0	200
2046HA01	**Ø 60**	5,0	11,0	1,0	58,0	100
2047HA01	**Ø 60**	5,0	11,0	1,2	57,6	100
0723HA01	**Ø 60**	5,0	11,0	1,5	57,0	100
2048HA01	**Ø 70**	5,0	11,0	1,2	67,6	100
0724HA01	**Ø 70**	5,0	11,0	1,5	67,0	100
2049HA01	**Ø 80**	5,0	11,0	1,2	77,6	100
0725HA01	**Ø 80**	5,0	11,0	1,5	77,0	100
2050HA01	**Ø 90**	5,0	11,0	1,2	87,6	50
0726HA01	**Ø 90**	5,0	11,0	1,5	87,0	50

ROHRSTOPFEN MIT LAMELLEN
ROUND TUBE PLUGS

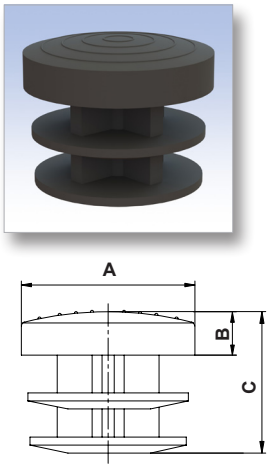
TYPE 1



TYPE 2



TYPE 3



- **Material: Polyethylen LD-PE** / *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

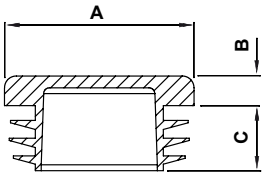
ARTIKEL *P/N*	TYPE	A	B	C	VPE-Stckz. *Moq-Pcs*
3428EA01	1	Ø **18,0**	7,5	20	1.000
3429EA01	1	Ø **20,0**	9,0	24,5	1.000
3430EA01	1	Ø **22,0**	10,0	25,0	1.000
3431EA01	1	Ø **25,0**	11,0	26,0	1.000
3432EA01	1	Ø **30,0**	13,5	32,0	1.000
3433EA01	1	Ø **32,0**	16,5	35,5	1.000
3434EA01	1	Ø **35,0**	17,0	37,0	1.000
3410EA01	2	Ø **10,0**	2,0	10,5	2.500
3411EA01	2	Ø **12,0**	2,0	10,8	2.500
3412EA01	2	Ø **14,0**	2,0	12,3	2.500
3413EA01	2	Ø **15,0**	3,0	12,8	2.500
3414EA01	2	Ø **16,0**	3,0	12,5	2.000
3415EA01	2	Ø **18,0**	3,0	13,0	2.000
3416EA01	2	Ø **20,0**	4,0	13,9	2.000
3417EA01	2	Ø **22,0**	4,0	13,9	2.000
3418EA01	2	Ø **25,0**	4,0	17,8	2.000
3419EA01	2	Ø **28,0**	5,0	15,0	1.500
3420EA01	2	Ø **30,0**	5,0	16,0	1.000
3421EA01	2	Ø **32,0**	5,0	16,0	1.000
3422EA01	2	Ø **35,0**	5,0	17,0	1.000
3423EA01	2	Ø **40,0**	5,0	17,0	1.000
3424EA01	2	Ø **45,0**	5,0	17,0	1.000
3425EA01	2	Ø **50,0**	5,0	17,0	1.000

ARTIKEL *P/N*	TYPE	A	B	C	VPE-Stckz. *Moq-Pcs*
3426EA01	2	Ø **60,0**	5,0	17,0	750
3427EA01	2	Ø **80,0**	6,0	17,0	400
3435EA01	3	Ø **10,0**	5,0	13,0	1.000
3436EA01	3	Ø **12,0**	5,0	14,0	1.000
3437EA01	3	Ø **14,0**	5,0	14,0	1.000
3438EA01	3	Ø **16,0**	5,0	16,0	1.000
3439EA01	3	Ø **18,0**	5,0	13,0	1.000
3440EA01	3	Ø **20,0**	5,0	13,0	1.000
3441EA01	3	Ø **22,0**	5,0	13,0	1.000
3442EA01	3	Ø **24,0**	5,0	20,0	1.000
3443EA01	3	Ø **25,0**	5,0	19,0	1.000
3444EA01	3	Ø **26,0**	5,0	20,0	1.000
3445EA01	3	Ø **28,0**	5,0	19,0	1.000
3446EA01	3	Ø **30,0**	5,0	19,0	1.000
3447EA01	3	Ø **32,0**	5,0	19,0	1.000
3448EA01	3	Ø **35,0**	5,0	20,0	1.000
3449EA01	3	Ø **38,0**	5,0	22,0	1.000
3450EA01	3	Ø **40,0**	5,0	22,0	1.000
3451EA01	3	Ø **45,0**	5,0	30,0	1.000
3452EA01	3	Ø **50,0**	5,0	22,0	1.000
3453EA01	3	Ø **60,0**	5,0	24,0	1.000
3454EA01	3	Ø **80,0**	5,0	33,0	200

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ROHRSTOPFEN MIT LAMELLEN
ROUND TUBE PLUGS



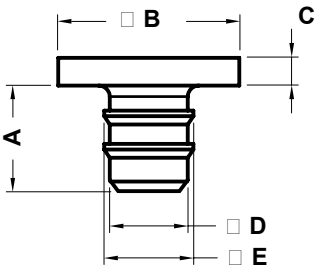


- **Material: Polyethylen LD-PE /** *Material: Polyethylene PE-LD*
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +60°C**
- **D = Rohr: Innendurchmesser /** D = *Pipe: Internal diameter*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
9300EA01	10,0	3,5	11,5	7,0 - 8,4	1.000
9301EA01	12,0	3,5	11,5	8,0 - 10,4	1.000
9302EA01	13,0	4,0	11,0	10,0 - 11,5	1.000
9303EA01	14,0	4,5	11,5	11,0 - 13,0	1.000
9304EA01	15,0	4,0	11,5	11,5 - 13,5	1.000
9305EA01	16,0	5,0	11,0	12,0 - 14,5	1.000
9306EA01	18,0	5,0	11,5	14,0 - 17,0	1.000
9307EA01	19,0	4,5	11,5	15,0 - 17,0	1.000
9308EA01	20,0	4,5	11,5	15,0 - 17,5	1.000
9309EA01	21,0	4,5	11,5	17,0 - 19,4	1.000
9310EA01	22,0	4,5	11,5	17,5 - 20,5	1.000
9311EA01	23,0	4,5	11,5	19,0 - 21,5	1.000
9312EA01	24,0	5,0	11,5	19,0 - 22,0	1.000
9313EA01	25,0	4,5	11,5	20,5 - 23,0	1.000
9314EA01	25,0	4,5	11,5	17,5 - 20,5	1.000
9315EA01	26,0	4,0	11,5	20,5 - 23,5	1.000
9316EA01	27,0	5,0	12,0	21,0 - 25,0	1.000
9317EA01	28,0	5,0	12,0	23,0 - 25,5	1.000
9318EA01	30,0	5,0	11,0	24,0 - 28,0	500
9319EA01	30,0	5,0	11,5	21,0 - 25,0	500
9320EA01	32,0	5,0	12,0	26,0 - 30,0	500
9321EA01	34,0	5,0	11,5	28,0 - 32,0	500
9322EA01	35,0	4,5	11,5	30,5 - 33,4	500
9323EA01	36,0	4,5	11,5	31,0 - 33,5	500
9324EA01	37,0	5,0	11,5	31,0 - 35,0	500
9325EA01	38,0	5,0	11,0	32,0 - 36,0	500
9326EA01	40,0	5,0	11,5	34,0 - 38,0	500
9327EA01	40,0	5,0	11,5	30,0 - 34,0	500
9328EA01	40,0	4,5	11,5	34,0 - 36,0	500

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
9329EA01	42,0	4,5	11,5	38,5 - 40,5	500
9330EA01	42,0	5,0	11,5	37,0 - 40,4	500
9331EA01	42,0	5,0	11,5	32,0 - 36,0	500
9332EA01	45,0	5,0	11,5	41,0 - 42,5	500
9333EA01	48,0	5,0	18,0	43,0 - 45,5	500
9334EA01	50,0	4,5	10,0	46,0 - 48,0	500
9335EA01	50,0	5,0	11,5	41,0 - 45,0	500
9336EA01	50,0	5,0	11,5	37,0 - 41,0	500
9337EA01	52,0	5,0	14,5	45,0 - 49,0	500
9338EA01	55,0	5,0	11,5	49,0 - 53,0	500
9339EA01	60,0	5,0	18,0	54,0 - 57,0	100
9340EA01	60,0	5,0	16,5	50,0 - 54,0	100
9341EA01	65,0	5,0	21,0	58,0 - 62,0	100
9342EA01	70,0	5,0	21,0	61,0 - 66,0	100
9343EA01	75,0	5,0	21,5	68,0 - 73,0	100
9344EA01	76,0	5,0	21,5	68,1 - 72,9	100
9345EA01	80,0	5,0	21,0	74,0 - 77,0	100
9346EA01	85,0	6,0	21,0	78,0 - 82,0	100
9347EA01	89,0	6,0	21,0	80,9 - 85,3	100
9348EA01	90,0	5,0	21,0	82,0 - 87,0	100
9349EA01	90,0	5,0	20,0	80,0 - 85,0	100
9350EA01	100,0	6,0	28,0	91,0 - 96,0	100
9351EA01	108,0	6,0	28,0	98,0-104,2	100
9352EA01	110,0	6,0	28,0	101,0-106,0	100
9353EA01	125,0	6,0	34,0	113,0 - 121,0	100
9354EA01	150,0	6,0	34,0	136,0 - 146,0	100
9355EA01	160,0	6,0	34,0	146,0 - 155,0	100

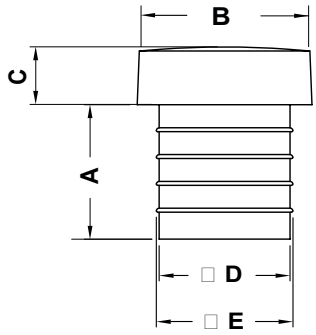




- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich** / *Working temperature:*
  PA 6.6: -35°C ~ +85°C
  TPE: -28°C ~ +90°C
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	MATERIAL *Material*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
18220AA01	3,8	Ø 6,5	1,0	Ø 2,8	Ø 3,2	PA 66	Ø 3,0	1.000
18221PS01	4,5	Ø 7,5	1,8	-	Ø 3,55	TPE	Ø 3,3	1.000

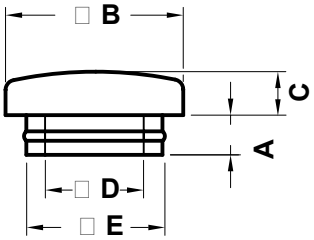




- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich** / *Working temperature:*
  TPE: -28°C ~ +90°C
- **Max.Temperatur** / *For high temperature*
  Silikon: bis 315°C / Silicon: *until to +315°C*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	MATERIAL *Material*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
18222PS01	5,0	Ø 6,0	2,15	Ø 4,5	Ø 4,7	TPE	Ø 4,5	1.000
18223PS01	6,0	Ø 7,0	2,2	-	Ø 5,2	TPE	Ø5,0	1.000
18223SI01	6,0	Ø 7,0	2,2	-	Ø 5,2	SI	Ø5,0	1.000



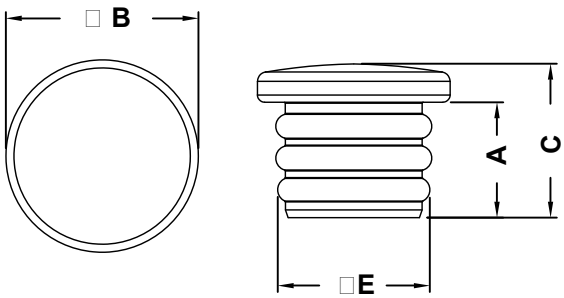


new PRODUCT

- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-28°C ~ +90°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
18225PS01	3,5	8,0	2,2	-	6,2	Ø 6,0	1.000
18228PS01	3,5	9,0	2,2	-	7,2	Ø 7,0	1.000
18229PS01	1 ,8	9,0	2,2	5,0	7,3	Ø 7,0	1.000
18231PS01	3,5	10,0	2,2	-	8,2	Ø 8,0	1.000
18232PS01	3,5	11,0	2,2	-	9,4	Ø 8,0	1.000
18233PS01	3,5	12,0	3,5	-	10,4	Ø 10,0	1.000



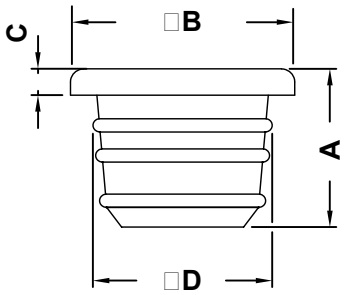


new PRODUCT

- **Material: Silikon** / *Material: Silicone*
- **Max.Temperatur bis + 315 ° C** / *For high temperature until to +315°C*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
18230SI01	6,0	Ø10,0	8,0	-	Ø 7,9	Ø 7,5	1.000

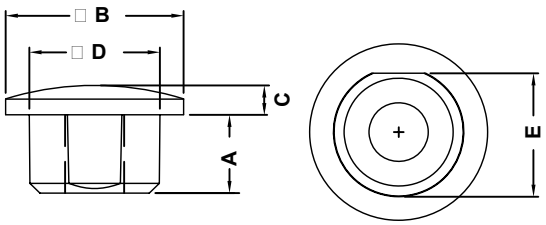




- **Material: Silikon** / *Material: silicone*
- **Max.Temperatur bis + 315 ° C** / *For high temperature until to +315°C*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
18235SI01	12,0	Ø 17,0	2,0	Ø 13,6	Ø 12,0	1.000

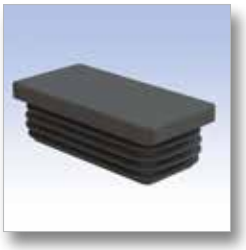


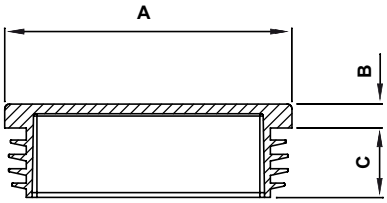


- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich** / *Working temperature:*
  TPE: -28°C ~ +90°C
- **Max.Temperatur** / *For high temperature*
  Silikon: bis 315°C / Silicon: *until to +315°C*
- **Farbe: siehe Tabelle** / *Material: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Material *Material*	Farbe *Colour*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
18226SI01	4,0	Ø 9,0	1,5	Ø 6,6	6,3	Silikon	Schwarz / Black	Ø 6,35	1.000
18226SI02	6,0	Ø 7,0	2,2	Ø 6,6	6,3	Silikon	Weiß / White	Ø 6,35	1.000
18227PS01	4,0	Ø 9,0	1,5	Ø 6,6	6,3	TPE	Schwarz / Black	Ø 6,35	1.000
18227PS02	4,0	Ø 9,0	1,5	Ø 6,6	6,3	TPE	Weiß / White	Ø 6,35	1.000
18227PS00	4,0	Ø 9,0	1,5	Ø 6,6	6,3	TPE	Natur / Natural	Ø 6,35	1.000
18234PV01	-	Ø 10,5	-	Ø 8,8	8,3	TPE	Schwarz / Black	Ø8,5X8,0	800
18234PS01	-	Ø 10,5	-	Ø 8,8	8,3	TPE	Schwarz / Black	Ø8,5X8,0	800

RECHTECKIGE LAMELLENSTOPFEN
RECTANGULAR TUBE PLUGS

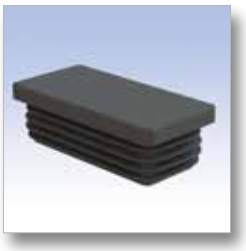


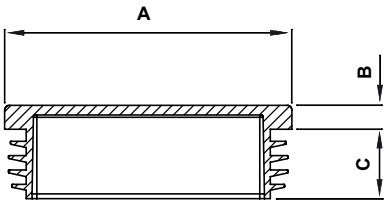


- **Material: Polyethylen LD-PE /** *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **D = Rohr: Stärke /** D = *Pipe: Thickness*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*	ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
9400EA01	**20x10**	3,0	11,5	0,75-2,0	1.000	**9425EA01**	**50x25**	5,0	14,5	1,0-2,25	500
9401EA01	**20x15**	4,5	11,0	1,0-2,0	1.000	**9426EA01**	**50x30**	5,0	14,5	1,5-2,5	500
9402EA01	**20x16**	5,0	11,5	1,0-2,0	1.000	**9427EA01**	**50x35**	5,0	14,5	1,0-3,5	500
9403EA01	**25x10**	4,0	11,5	1,0-2,0	1.000	**9428EA01**	**50x40**	5,0	14,5	1,5-2,5	500
9404EA01	**25x15**	5,0	11,5	1,2-2,25	1.000	**9429EA01**	**55x34**	5,0	14,5	1,5-4,0	500
9405EA01	**25x20**	5,0	11,5	1,0-2,5	1.000	**9430EA01**	**60x20**	5,0	14,5	1,0-3,0	500
9406EA01	**30x10**	5,0	11,5	1,0-2,0	1.000	**9431EA01**	**60x25**	5,0	14,5	1,0-2,5	500
9407EA01	**30x15**	5,0	11,5	1,0-2,0	1.000	**9432EA01**	**60x30**	5,0	13,7	1,0-3,0	500
9408EA01	**30x20**	5,0	11,5	1,0-2,25	1.000	**9433EA01**	**60x40**	5,0	14,5	4,0-5,0	100
9409EA01	**35x15**	5,0	11,5	1,0-2,0	1.000	**9434EA01**	**60x40**	5,0	14,5	3,0	100
9410EA01	**35x20**	5,0	14,5	1,0-2,25	1.000	**9435EA01**	**60x40**	4,5	14,5	1,0-2,5	100
9411EA01	**35x25**	5,0	14,5	1,0-2,25	1.000	**9436EA01**	**70x20**	5,0	19,5	1,0-2,5	500
12872EA01	**40x10**	5,0	10,5	1,5 - 2,0	1.000	**9437EA01**	**70x25**	5,0	17	1,0-2,0	500
9412EA01	**40x15**	5,0	11,7	1,0-2,25	1.000	**9438EA01**	**70x30**	6,0	17,7	1,0-2,0	500
9413EA01	**40x20**	5,0	14,5	3,0	500	**9439EA01**	**70x40**	5,0	14,5	4,0	100
9414EA01	**40x20**	5,0	14,5	1,0-2,25	500	**9440EA01**	**70x50**	5,0	14,5	2,0-5,0	100
9415EA01	**40x25**	5,0	14,5	1,0-2,25	500	**9441EA01**	**80x20**	5,0	18,2	1,0-2,0	500
9416EA01	**40x30**	5,0	14,5	1,0-2,0	500	**9442EA01**	**80x25**	5,0	14,5	1,0-3,0	500
9417EA01	**40x30**	5,0	13	3,0	500	**9443EA01**	**80x30**	5,0	14,5	1,0-3,0	100
9418EA01	**45x15**	5,0	11	1,0-2,0	500	**9444EA01**	**80x40**	5,0	14,5	1,0-3,0	100
9419EA01	**45x20**	5,0	11,5	1,0-3,0	500	**13160EA01**	**80x40**	5,0	24,5	3,0 - 5,0	100
9420EA01	**45x25**	5,0	14,5	1,2-2,5	500	**9446EA01**	**80x50**	5,0	17	2,0-4,0	100
9421EA01	**45x30**	5,0	11,5	1,0-2,5	500	**9447EA01**	**80x60**	5,0	24	1,5-3,5	100
9422EA01	**50x10**	3,5	11,5	0,75-2,0	500	**9448EA01**	**90x40**	5,0	14,5	2,0-4,0	100
9423EA01	**50x15**	4,7	14,5	2,0	500	**9449EA01**	**90x50**	6,0	21,5	2,0-4,5	100
9424EA01	**50x20**	5,0	14,5	1,0-2,25	500	**9450EA01**	**100x20**	5,0	14,5	1,0-3,0	100

RECHTECKIGE LAMELLENSTOPFEN
RECTANGULAR TUBE PLUGS





- **Material: Polyethylen LD-PE /** *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **D= Rohr: Stärke /** D = *Pipe: Thickness*
- **Alle Maße sind in mm /** *All dimensions are in mm*

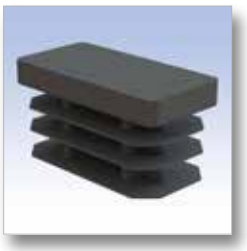
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**VPE-Stckz.** *Moq-Pcs*
9451EA01	**100x25**	5,0	14,5	1,5-3,0	100
9452EA01	**100x30**	5,0	14,5	1,5-3,5	100
9453EA01	**100x40**	5,0	14,5	1,5-4,0	100
9454EA01	**100x50**	5,0	24,0	1,5-4,5	100
9455EA01	**100x50**	6,0	25,0	3,2-6,0	100
9456EA01	**100x60**	6,0	24,5	2,5-4,5	100
9457EA01	**100x80**	6,0	24,0	3,0-5,5	100
9458EA01	**110x70**	6,0	24,0	3,0-5,0	100
9459EA01	**120x30**	5,0	14,5	1,0-2,5	100
9460EA01	**120x40**	5,0	16,0	1,5-2,0	100
9461EA01	**120x40**	6,0	21,5	3,0-5,0	100
9462EA01	**120x60**	5,0	24,5	2,0-4,0	100
9463EA01	**140x80**	5,0	24,5	2,0-4,5	100
9464EA01	**150x100**	7,0	27,5	3,0-5,5	100

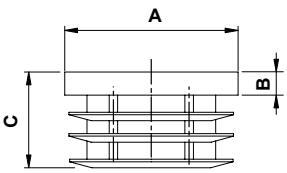
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RECHTECKIGE LAMELLENSTOPFEN
RECTANGULAR PLUGS

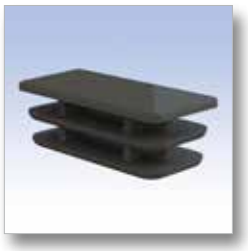
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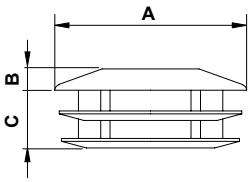
TYPE 1





TYPE 2





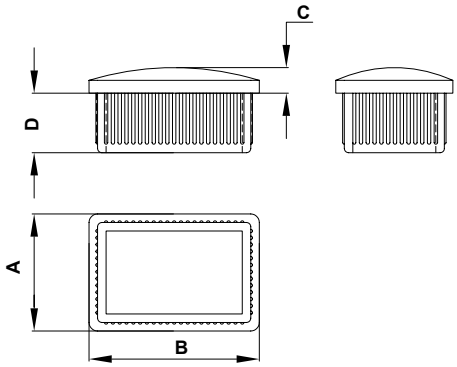
- **Material: Polyethylen LD-PE** / *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	VPE-Stckz. *Moq-Pcs*
3341EA01	1	**10x15**	5,0	11,0	1.000
3342EA01	1	**10x20**	5,0	15,0	1.000
3343EA01	1	**10x25**	5,0	15,0	1.000
3344EA01	1	**10x30**	5,0	15,0	1.000
3345EA01	1	**10x40**	5,0	15,0	1.000
3346EA01	1	**15x20**	5,0	12,0	1.000
3347EA01	1	**15x25**	5,0	17,0	1.000
3348EA01	1	**15x30**	5,0	12,0	1.000
3349EA01	1	**15x35**	6,0	18,0	1.000
3350EA01	1	**15x40**	6,0	18,0	1.000
3351EA01	1	**15x50**	5,0	15,0	1.000
3352EA01	1	**20x25**	5,0	12,0	1.000
3353EA01	1	**20x30**	5,0	17,0	1.000
3354EA01	1	**20x35**	5,0	17,0	1.000
3355EA01	1	**20x40**	5,0	17,0	1.000
3356EA01	1	**20x50**	5,0	17,0	1.000
3357EA01	1	**20x60**	5,0	17,0	1.000
3358EA01	1	**25x35**	6,0	19,0	1.000
3359EA01	1	**25x40**	6,0	18,0	1.000
3360EA01	1	**25x50**	6,0	21,0	1.000
3361EA01	1	**30x40**	6,0	18,0	1.000
3362EA01	1	**30x50**	6,0	18,0	1.000
3363EA01	1	**30x60**	6,0	21,0	1.000
3364EA01	1	**40x80**	6,0	23,0	1.000

ARTIKEL *P/N*	TYPE	A	B	C	VPE-Stckz. *Moq-Pcs*
3391EA01	2	**10x15**	3,0	9,0	1.000
3392EA01	2	**10x20**	3,0	9,0	1.000
3393EA01	2	**10x30**	3,0	9,0	1.000
3394EA01	2	**10x40**	3,0	10,0	1.000
3395EA01	2	**15x20**	3,5	10,0	1.000
3396EA01	2	**15x25**	3,5	10,0	1.000
3397EA01	2	**15x30**	3,5	10,0	1.000
3398EA01	2	**15x35**	3,5	10,0	1.000
3399EA01	2	**15x40**	3,5	10,0	1.000
3400EA01	2	**20x30**	4,0	10,0	1.000
3401EA01	2	**20x35**	4,0	10,0	1.000
3402EA01	2	**20x40**	4,0	11,0	1.000
3403EA01	2	**20x80**	3,0	16,0	1.000
3404EA01	2	**25x40**	4,0	12,0	1.000
3405EA01	2	**25x50**	4,0	12,0	1.000
3406EA01	2	**25x100**	3,0	15,0	1.000
3407EA01	2	**30x40**	5,0	13,0	1.000
3408EA01	2	**30x50**	5,0	13,0	1.000
3409EA01	2	**30x100**	3	16	1.000

RECHTECKIGE STOPFEN MIT RÄNDELRAND
RECTANGULAR PLUGS





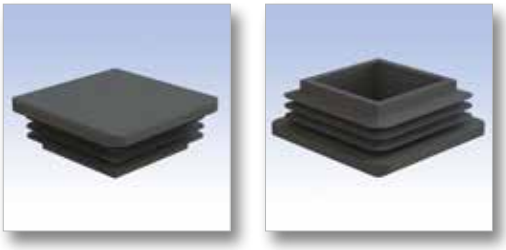
- **Material: ABS** / *Material: ABS*
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +90°C**
- **E = Rohrstärke** / *Pipe thickness*
- **Alle Maße sind in mm** / *All dimensions are in mm*

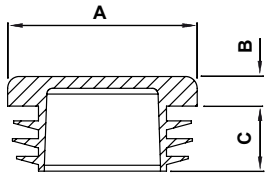
Auf Anfrage erhalten Sie diese Artikel auch verchromt / *Chrome plated suface available by special request*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
3381HA01	**8,0**	**150**	2,0	8,0	1,0		1.000
3373HA01	**10,0**	**15,0**	2,0	9,0	1,0		1.000
3374HA01	**10,0**	**15,0**	2,5	9,0	1,2		1.000
3375HA01	**10,0**	**20,0**	2,5	9,0	1,0		1.000
3376HA01	**10,0**	**20,0**	2,5	9,0	1,2		1.000
3377HA01	**10,0**	**25,0**	2,5	9,0	1,5		1.000
3378HA01	**10,0**	**30,0**	2,5	9,0	1,5		1.000
3379HA01	**10,0**	**40,0**	3,0	8,0	1,2		1.000
3380HA01	**10,0**	**40,0**	3,0	8,0	1,5		1.000
3382HA01	**15,0**	**20,0**	3,0	8,0	1,2		1.000
3383HA01	**15,0**	**20,0**	3,0	8,0	1,5		1.000
3384HA01	**15,0**	**25,0**	3,0	9,0	1,5		1.000
3385HA01	**15,0**	**30,0**	3,0	9,0	1,2		1.000
3386HA01	**15,0**	**30,0**	3,0	9,0	1,5		1.000
3387HA01	**15,0**	**35,0**	3,0	9,0	1,5		1.000
3388HA01	**15,0**	**40,0**	3,0	9,0	1,0		1.000
3389HA01	**15,0**	**40,0**	3,0	9,0	1,2		1.000
3390HA01	**15,0**	**40,0**	3,0	9,0	1,5		1.000
3365HA01	**20,0**	**30,0**	3,0	9,0	1,2		1.000
3366HA01	**20,0**	**30,0**	3,0	9,0	1,5		1.000
3367HA01	**20,0**	**35,0**	3,0	9,0	1,5		1.000
3368HA01	**20,0**	**40,0**	3,5	9,0	1,2		1.000
3369HA01	**20,0**	**40,0**	3,5	9,0	1,5		1.000
3370HA01	**20,0**	**50,0**	3,0	10,0	1,2		1.000
3371HA01	**20,0**	**50,0**	3,0	10,0	1,5		1.000
3372HA01	**20,0**	**60,0**	3,0	10,0	1,5		1.000

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QUADRATISCHE LAMELLENSTOPFEN
SQUARE TUBE PLUGS





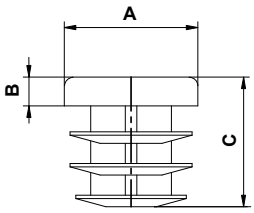
- **Material: Polyethylen LD-PE** / *Material: Polyethylene PE-LD*
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +60°C**
- **D = Rohrstärke** / *Pipe thickness*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	ROHR *PIPE*	VPE-Stckz. *Moq-Pcs*
9501EA01	⊠ **12,0**	4,0	11,5	1.0-2.0	1.000
9502EA01	⊠ **13,0**	4,0	11,5	1.0-2.0	1.000
9503EA01	⊠ **15,0**	5,0	11,5	1.0-2.0	1.000
9504EA01	⊠ **16,0**	5,0	11,5	1.0-2.5	1.000
9505EA01	⊠ **18,0**	5,0	11,5	1.5-3.0	1.000
9506EA01	⊠ **20,0**	5,0	11,5	1.0-2.3	1.000
9507EA01	⊠ **22,0**	5,0	11,5	1.0-3.5	1.000
9508EA01	⊠ **25,0**	5,0	11,5	1.2-2.3	1.000
9509EA01	⊠ **28,0**	5,0	11,5	2.0-3.0	1.000
9510EA01	⊠ **30,0**	5,0	11,5	1.2-2.3	500
9511EA01	⊠ **30,0**	5,0	11,5	2.5-4.5	500
9512EA01	⊠ **32,0**	5,0	11,5	1.5-3.5	500
9513EA01	⊠ **35,0**	5,0	14,5	1.0-2.5	500
9514EA01	⊠ **35,0**	5,0	14,5	3.0-5.0	500
9515EA01	⊠ **40,0**	5,0	15,0	1.5-2.5	500
9516EA01	⊠ **40,0**	5,0	14,5	3.0-5.0	500
9517EA01	⊠ **45,0**	5,0	14,5	1.0-3.0	500
9518EA01	⊠ **50,0**	4,2	13,5	1.5-3.0	500
9519EA01	⊠ **50,0**	6,5	24,5	2.6-4.0	500
9520EA01	⊠ **50,0**	5,0	19,0	2.6-5.0	500
9521EA01	⊠ **50,0**	5,0	14,5	3.0-5.0	500
9522EA01	⊠ **55,0**	5,0	14,5	2.0-4.5	500

ARTIKEL *P/N*	A	B	C	ROHR *PIPE*	VPE-Stckz. *Moq-Pcs*
9523EA01	⊠ **60,0**	5,0	18,0	1.5-3.5	100
9524EA01	⊠ **60,0**	6,5	17,5	2.6-4.0	100
9525EA01	⊠ **60,0**	4,0	15,0	5.0	100
9526EA01	⊠ **65,0**	5,0	21,0	2.0-4.0	100
9527EA01	⊠ **70,0**	5,0	19,0	2.0-4.5	100
9528EA01	⊠ **70,0**	5,0	17,0	5.0	100
9529EA01	⊠ **80,0**	6,0	21,0	2.0-4.0	100
9530EA01	⊠ **80,0**	8,0	24,0	2.9-5.0	100
9531EA01	⊠ **90,0**	6,0	18,0	3.0-5.0	100
9532EA01	⊠ **100**	7,0	24,0	1.0-4.0	100
9533EA01	⊠ **100,0**	5,0	23,0	3.0-6.0	100

QUADRATISCHE LAMELLENSTOPFEN
SQUARE PLUGS





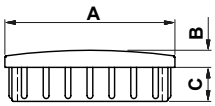
- **Material: Polyethylen LD-PE** / *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

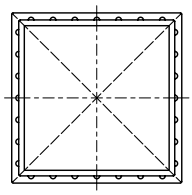
ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
3297EA01	⊠ **12,0**	5,0	12,0		1.000
3298EA01	⊠ **15,0**	4,0	11,0		1.000
3299EA01	⊠ **16,0**	5,0	17,0		1.000
3300EA01	⊠ **18,0**	5,0	12,0		1.000
3301EA01	⊠ **20,0**	5,0	17,0		1.000
3302EA01	⊠ **22,0**	5,0	17,0		1.000
3303EA01	⊠ **25,0**	5,0	17,0		1.000
3304EA01	⊠ **30,0**	5,0	18,0		1.000
3305EA01	⊠ **35,0**	6,0	21,0		1.000
3306EA01	⊠ **40,0**	6,0	21,0		1.000
3307EA01	⊠ **50,0**	6,0	21,0		1.000
3308EA01	⊠ **60,0**	6,0	22,0		1.000

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QUADRATISCHE STOPFEN MIT RÄNDELRAND
SQUARE PLUGS







- **Material: ABS** / *Material: ABS*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +90°C**
- **Farbe: Schwarz** / *Colour: Black*
- **D = Rohrstärke** / *Pipe thickness*
- **Alle Maße sind in mm** / *All dimensions are in mm*

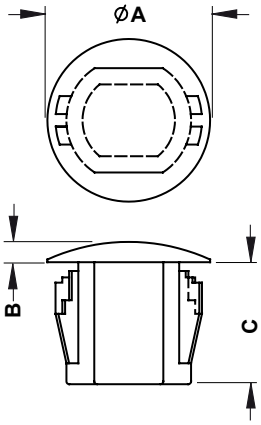
Auf Anfrage erhalten Sie diese Artikel auch verchromt / *Chrome plated suface available by special*

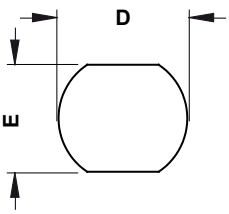
ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
3309HA01	⌀ **12,0**	2,0	7,0	1,0	1.000
3310HA01	⌀ **12,0**	2,0	7,0	1,2	1.000
3319HA01	⌀ **15,0**	2,5	8,5	1,0	1.000
3320HA01	⌀ **15,0**	2,5	8,5	1,2	1.000
3321HA01	⌀ **15,0**	2,5	8,5	1,5	1.000
3331HA01	⌀ **16,0**	3,0	8,0	1,0	1.000
3332HA01	⌀ **16,0**	3,0	8,0	1,5	1.000
3337HA01	⌀ **18,0**	3,0	8,0	1,2	1.000
3338HA01	⌀ **18,0**	3,0	8,0	1,5	1.000
3311HA01	⌀ **20,0**	3,0	7,0	1,0	500
3312HA01	⌀ **20,0**	3,0	7,0	1,2	500
3313HA01	⌀ **20,0**	3,0	7,0	1,5	500
3327HA01	⌀ **25,0**	4,0	7,0	1,0	250
3328HA01	⌀ **25,0**	4,0	7,0	1,2	250
3329HA01	⌀ **25,0**	4,0	7,0	1,5	250
3330HA01	⌀ **25,0**	4,0	7,0	2,0	250

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
3322HA01	⌀ **30,0**	4,0	10,0	1,0	200
3323HA01	⌀ **30,0**	4,0	10,0	1,2	200
3324HA01	⌀ **30,0**	4,0	10,0	1,5	200
3335HA01	⌀ **35,0**	4,0	11,0	1,2	200
3336HA01	⌀ **35,0**	4,0	11,0	1,5	200
3314HA01	⌀ **40,0**	4,0	11,0	1,2	100
3315HA01	⌀ **40,0**	4,0	11,0	1,5	100
3325HA01	⌀ **45,0**	5,0	11,0	1,2	100
3326HA01	⌀ **45,0**	5,0	11,0	1,5	100
3333HA01	⌀ **50,0**	5,0	11,0	1,2	100
3334HA01	⌀ **50,0**	5,0	11,0	1,5	100
3339HA01	⌀ **60,0**	5,0	12,0	1,2	100
3340HA01	⌀ **60,0**	5,0	12,0	1,5	100
3316HA01	⌀ **80,0**	5,0	12,0	1,2	50
3317HA01	⌀ **80,0**	5,0	12,0	1,5	50
3318HA01	⌀ **80,0**	5,0	12,0	2,0	50

ST- STECKER AUSSPARUNGSABDECKUNG
ST- CONNECTOR HOLE PLUG







Aussparung / Mounting hole
Stärke / Thickness F

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +85°C**
- **Farbe: Natur oder Schwarz** / *Colour: Natural or Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

Das Teil kann einen oder zwei Sperrzähne pro Seite haben. / *Parts may appear with one or two locking mechanisms per side.*

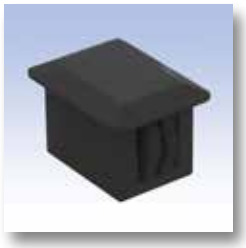
ARTIKEL *P/N*	A	B	C	D	E	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
10625AA01	12,0	1,5	9,0	9,5	7,9	0,8 - 3,5	1.000
10626AA01	16,2	1,9	8,7	12,7	11,5	0,8 - 3,0	500
10627AA01	18,6	1,9	8,7	15,9	14,0	0,8 - 3,5	500
10628AA01	22,7	1,9	8,7	19,0	16,5	0,8 - 3,0	500
10629AA01	25,6	1,9	8,7	22,1	20,5	0,8 - 3,3	500

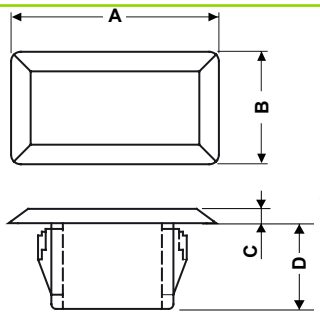
Artikel 10625AA01 ist geeignet zur Abdeckung einer Montagbohrung von einen ST - STecker

Part 10625AA01 is usefull to cover the Monting hole from a ST- Connector.

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SC / LC STECKER AUSSPARUNGSABDECKUNG
SC / LC CUT OUT PLUG





Aussparung / Mounting hole
Stärke / Thickness

- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material PA 6.6 UL94V0 lieferbar** / *on special request in Material PA 6.6 UL94V0 available*

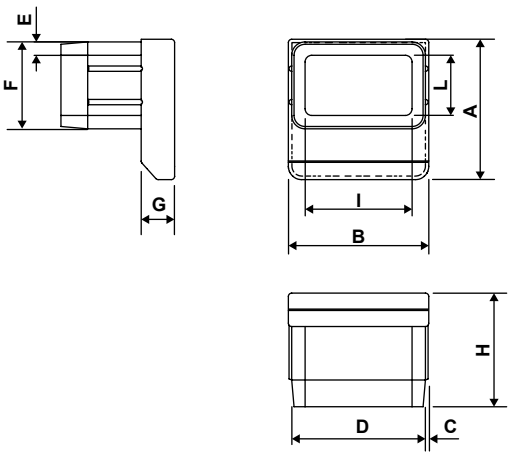
ARTIKEL *P/N*	A	B	C	D	E	F	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
8370AA01	21,8	11,6	1,5	10,5	13,0	9,5	0,8 - 3,5	SC simplex	500
8371AA01	35,0	11,9	1,5	10,5	26,0	9,5	0,8 - 3,5	SC dublex	500
8372AA01	16,0	12,0	1,5	10,5	13,0	9,5	1,4 - 3,5	SC simplex	500
8373AA01	15,0	15,0	2,0	11,0	13,5	13,5	0,8 - 3,5		500
8374AA01	24,3	14,0	1,5	10,5	16,0	11,5	0,8 - 3,5		500
8375AA01	18,0	8,0	1,5	10,5	16,5	6,5	0,8 - 3,5		500

USB STECKER ABDECKUNG
PLUG USB RJ-11 CONNECTOR

fastpoint







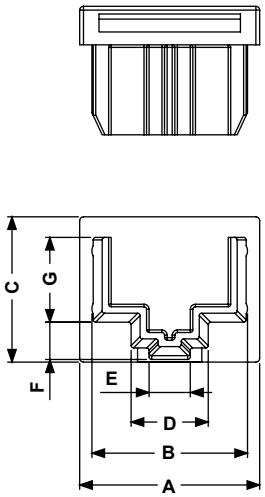
- **Material: EPDM Shore A70** / *Material: EPDM Shore A70*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability*: **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	L	VPE-Stckz. *Moq-Pcs*
8198GS01	10,50	10,50	0,25	10,0	1,0	6,50	2,50	8,50	8,0	4,50	2.500

RJ45 STECKER ABDECKUNG / HDMI ABDECKUNG
RJ45 COVER / HDMI COVER



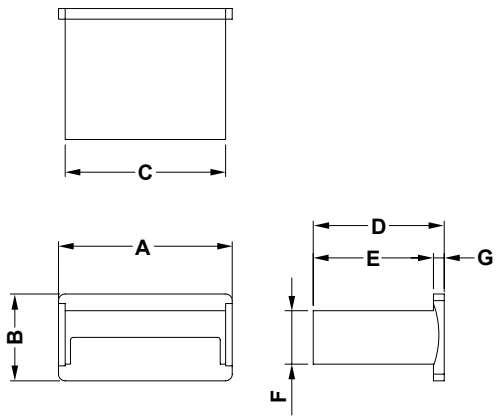




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
12670AA01	14,0	12,0	11,3	6,0	3,2	2,9	6,6	7,0	3,0	2.500



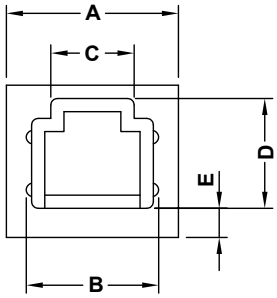


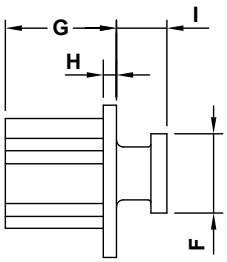
- **Material: PP** / *Material: PP*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
6793FA11	13,0	6,5	12,0	9,8	9,0	4,0	0,8	**Grau** / *Gray*	1.000
6793FA01	13,0	6,5	12,0	9,8	9,0	4,0	0,8	**Schwarz** / *Black*	1.000
6793FA02	13,0	6,5	12,0	9,8	9,0	4,0	0,8	**Weiß** / *White*	1.000

RJ45 BUCHSEN ABDECKUNG
RJ-45 HOUSING





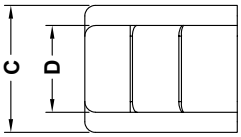


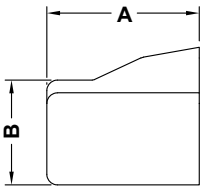
- **Material: PE-LD** / *Material: PE-LD*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

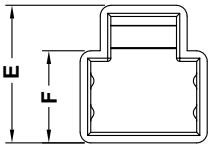
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	VPE-Stckz. *Moq-Pcs*
6045EA01	13,0	10,2	6,3	8,3	2,2	6,0	8,4	1,0	3,8	1.000

RJ-11 STECKER ABDECKUNG
RJ-11 HOUSING





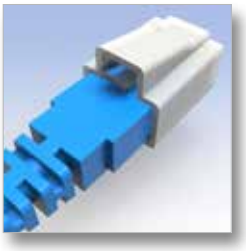


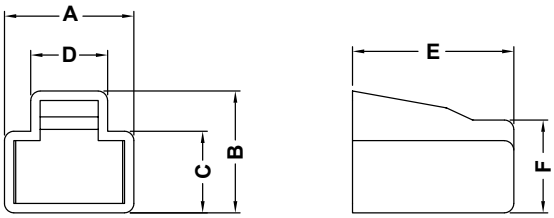


- **Material: PE-LD** / *Material: PE-LD*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12811EA00	14,4	9,9	12,0	8,2	13,0	8,7		1.000

RJ45 STECKERABDECKUNG
RJ-45 CONNECTOR COVER



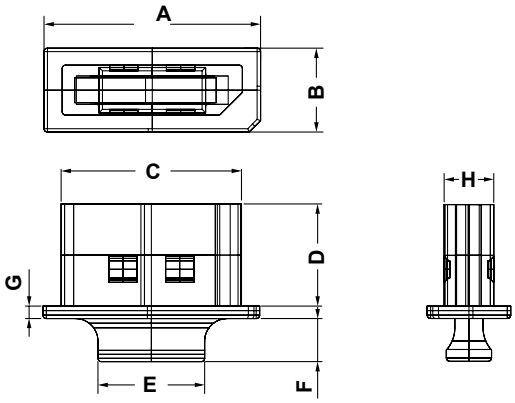


- **Material: PE-LD** / *Material: PE-LD*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12812EA00	13,8	13,0	8,7	8,2	17,2	9,9		1.000

BUCHSEN ABDECKUNG
PORT COVER



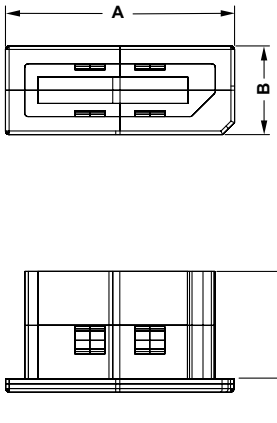


- **Material: PE-LD** / *Material: PE-LD*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	VPE-Stckz. *Moq-Pcs*
11396EA01	19,1	7,4	15,9	9,0	9,4	3,8	1,1	4,4	1.000

USB PORT STECKER ABDECKUNG
USB PORT COVER

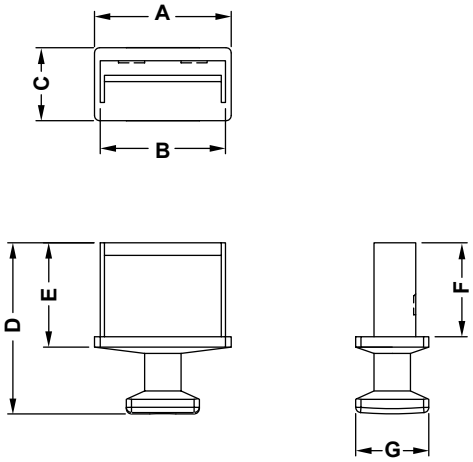




- **Material: PE-LD** / *Material: PE-LD*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11397EA01	19,1	7,4	9,0	1,1	7,4	4,4		1.000



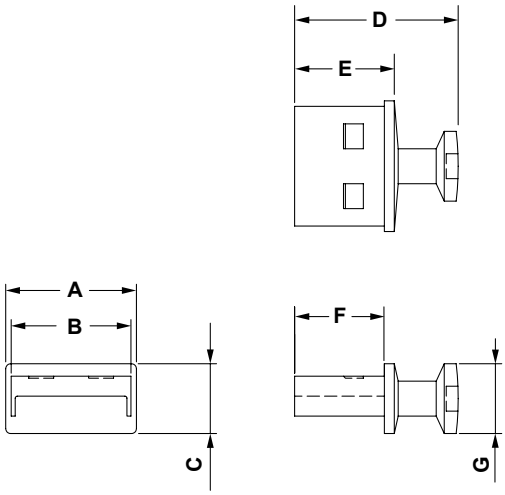


- **Material: ABS** / *Material: ABS*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11823HA01	13,1	12,0	7,0	16,4	10,0	9,0	7,0		1.000

DISPLAY BUCHSEN ABDECKUNG
DISPLAY PORT COVER

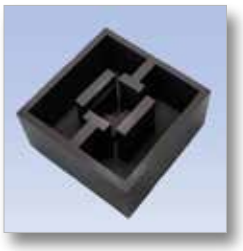


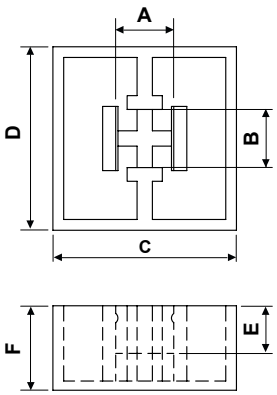


- **Material: ABS** / *Material: ABS*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12809HA01	13,1	12,0	7,0	16,4	10,0	9,0	7,0		1.000

KAPPE FÜR SCHALTER
DISPLAY PORT COVER





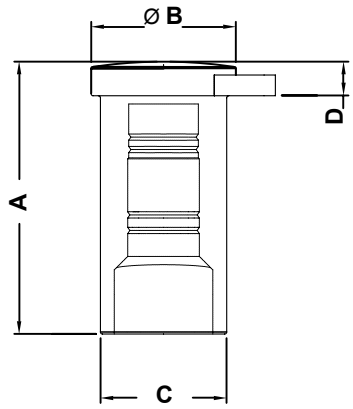
- **Material: ABS** / *Material: ABS*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +90°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
5655HA01	3,8	3,8	12,0	12,0	3,1	5.5		1.000

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STECKER FÜR MC4 BUCHSEN
MC4 FEMALE CONNECTOR PLUGS



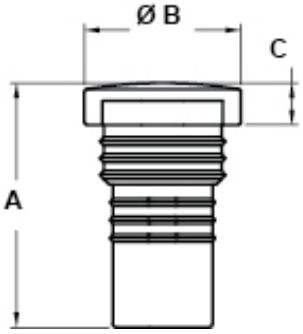


- **Material TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
18408PS01	26,3	Ø 14,0	12,2	3,3	1.000

STECKER FÜR MC4 STECKVERBINDER
MC4 MALE CONNECTOR CAPS





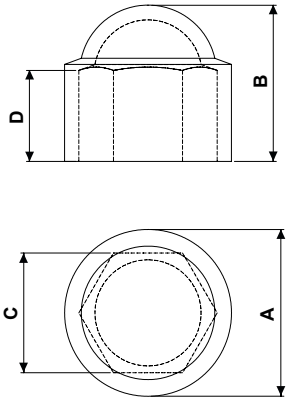
- **Material TPE** / *material: TPE*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq./Pcs.*
18409PS01	20,5	Ø 13,0	3,5	1.000

HUTMUTTERABDECKUNG
HEADNUT PROTECTION CAPS







- **Material: Polyethylen LD-PE** / *Material: Polyethylene PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

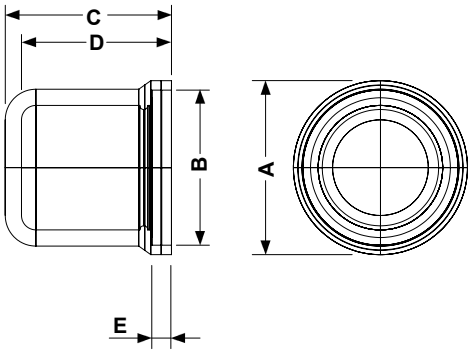
ARTIKEL *P/N*	**A**	**B**	**C**	**D**	METR.	GAS	**Anmerkungen** *Notes*	**VPE-Stckz.** *MOQ-Pcs*
8017EA01	Ø 9,0	7,8	**7,0**	3,8	M4	-		1.000
8018EA01	Ø 11,0	10,3	**8,0**	6,0	M5	-		1.000
8019EA01	Ø 13,0	12,3	**10,0**	6,5	M6	-		1.000
5984EA01	Ø 16,5	15,1	**13,0**	7,0	M8	-		1.000
8020EA01	Ø 19,8	18,7	**16,0**	9,0	M10	-		1.000
8021EA01	Ø 20,5	19,3	**17,0**	8,5	M10	-		1.000
8022EA01	Ø 22,0	20,0	**18,0**	10,5	M12	-		1.000
8023EA01	Ø 22,8	20,3	**19,0**	10,5	M12	-		1.000
8024EA01	Ø 26,8	23,8	**22,0**	11,0	M14	-		1.000
8025EA01	Ø 29,2	26,0	**24,0**	12,0	M16	-		1.000
4059EA01	Ø 34,0	29,0	**27,0**	15,0	M18	G 3/8”		1.200
8026EA01	Ø 36,5	32,5	**30,0**	17,0	M20	-		1.000
4061EA01	Ø 39,7	34,0	**32,0**	19,0	M22	G 1/2”		1.300
8027EA01	Ø 44,0	38,5	**36,0**	19,0	M24	-		1.000
4063EA01	Ø 50,1	44,0	**41,0**	23,0	M27	G 3/4”		600
8028EA01	Ø 56,0	20,2	**46,0**	24,0	M30	-		1.000
4066EA01	Ø 67,0	57,0	**55,0**	30,0	M36	-		500
4067EA01	Ø 72,0	60,0	**60,0**	38,0	M39	-		600
4068EA01	Ø 76,5	63,0	**65,0**	42,0	M42	-		500
4069EA01	Ø 85,5	73,0	**70,0**	38,0	M45	-		360
4070EA01	Ø 91,6	78,5	**75,0**	41,0	M48	G 1.1/2”		400
4071EA01	Ø 98,0	83,4	**80,0**	43,5	M52	G 1.3/4”		450
4072EA01	Ø 104,2	88,6	**85,0**	48,0	M56	-		420
4073EA01	Ø 116,7	102	**95,0**	55,0	M64	G 2.1/4”		100

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SCHUTZKAPPE FÜR AUSSENGEWINDE - BOLZEN
FINNED CAP



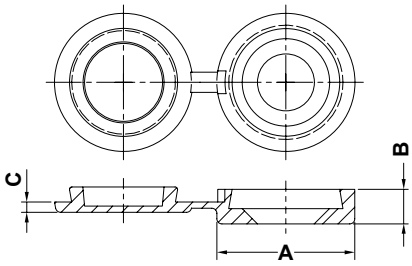




- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

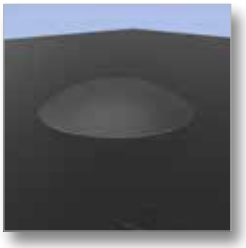
ARTIKEL *P/N*	Gewinde *Thread*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
25335EA01	M6	14,5	13,5	8,0	7,0	1,6		1.000
25336EA01	M8	19,8	17,5	11,7	10,7	1,6		1.000
25337EA01	M10	24,0	22,8	13,7	12,0	2,0		1.000
25338EA01	M12	26,5	24,0	16,6	15,0	2,5		1.000
25339EA01	M14	30,3	28,1	23,6	21,8	2,5		1.000
25340EA01	M16	32,9	30,5	18,7	16,7	3,0		1.000
25341EA01	M18	37,0	35,0	28,0	26,3	3,0		1.000
25342EA01	M20	41,0	39,3	27,5	24,7	3,0		1.000
25343EA01	M22	44,1	42,5	31,7	29,6	3,0		1.000
25344EA01	M24	48,5	46,5	34,3	31,5	4,0		1.000



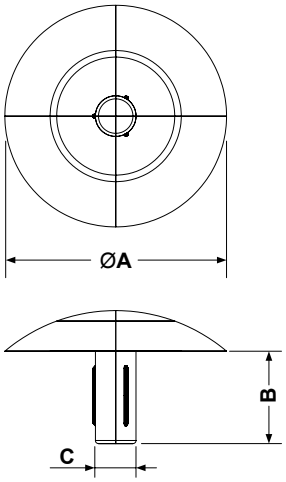


- **Material: PP** / *Material: PP*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Farbe *Colour*	A	B	C	Schraubengröße *Metric screws*	VPE-Stckz. *Moq-Pcs*
12350FA02	**Weiß** / *White*	13,6	3,4	1,0	3,5 - 6	1.000
12350FA01	**Schwarz** / *Black*	13,6	3,4	1,0	3,5 - 6	1.000
8043FA02	**Weiß** / *White*	17,5	5,0	1,0	5 - 6	1.000
8043FA01	**Schwarz** / *Black*	17,5	5,0	1,0	5 - 6	1.000

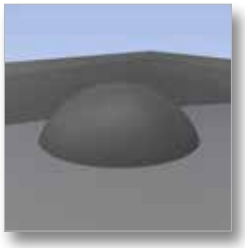




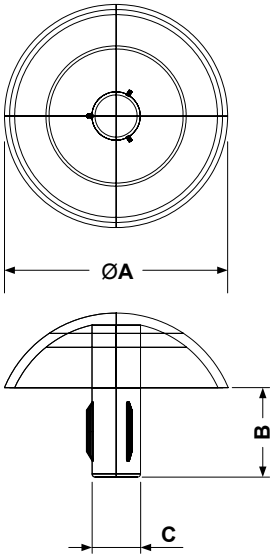


- **Material: PE-LD** / *Material: PE-LD*
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
25160EA01	12,0	5,0	2,2		1.000
25161EA01	13,5	5,0	2,4		1.000
25162EA01	12,0	2,1	2,5		1.000
25163EA01	10,0	5,0	2,5		1.000
25164EA01	12,0	5,0	2,5		1.000
25165EA01	15,0	5,0	2,5		1.000
25166EA01	12,0	3,5	2,6		1.000
25167EA01	5,8	7,0	2,8		1.000
25168EA01	11,0	4,8	2,8		1.000
25169EA01	12,0	5,5	3,0		1.000
25170EA01	12,0	6,0	3,0		1.000
25171EA01	15,0	7,0	3,0		1.000
25172EA01	18,0	9,0	3,0		1.000
25173EA01	15,0	2,5	3,6		1.000







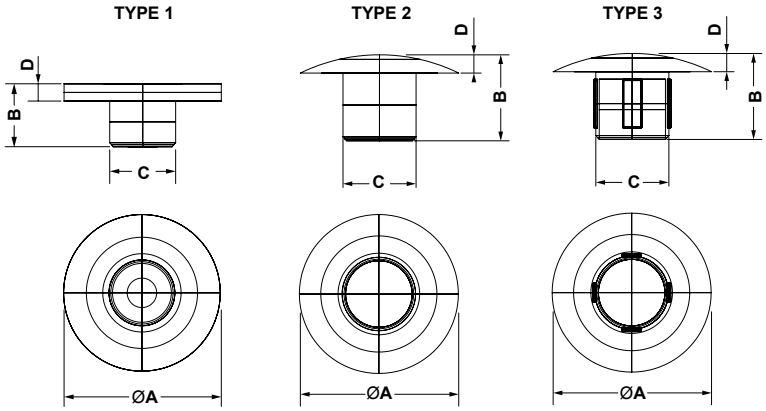
- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
25150EA01	12,0	4,8	2,6		1.000
25151EA01	15,0	4,0	2,6		1.000
25152EA01	13,0	4,0	3,0		1.000
25153EA01	15,0	5,0	3,0		1.000
25154EA01	18,0	2,0	3,0		1.000
25155EA01	18,0	7,0	3,0		1.000
25156EA01	13,0	4,0	3,2		1.000
25157EA01	13,0	10,0	3,2		1.000
25158EA01	15,8	8,8	3,9		1.000
25159EA01	13,0	10,0	4,5		1.000

GEWINDEVERSCHLUSSSTOPFEN
TAB PULL THREAD PLUGS







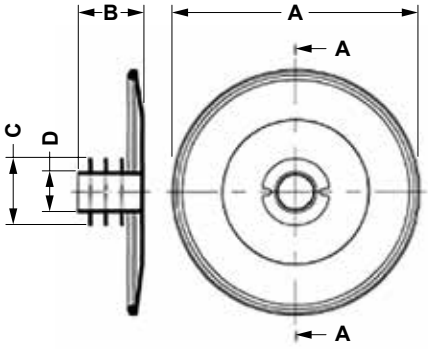
- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Type	Gewinde DIN 912 *Size DIN 912*	Gewinde DIN 7991 *Size DIN 7991*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
12630EA01	2	M4	M5	12,0	4,4	3,1	1,9	1.000
12631EA01	2	M4	M5	9,0	3,5	3,2	1,2	1.000
12632EA01	1	M5	M6	18,0	3,8	4,2	1,1	1.000
12633EA01	2	M5	M6	14,5	5,0	4,2	2,1	1.000
12634EA01	2	M5	M6	13,0	4,5	4,2	1,5	1.000
12635EA01	2	M5	M6	12,5	4,9	4,1	2,1	1.000
12636EA01	1	M5	M6	10,0	4,1	4,2	1,1	1.000
12637EA01	1	M6	M8	18,0	4,8	5,3	0,9	1.000
12638EA01	2	M6	M8	11,5	4,8	5,3	2,2	1.000
12639EA01	2	M6	M8	10,0	4,2	5,3	1,2	1.000
12640EA01	3	M8	-	13,0	7,3	6,0	1,7	1.000
12641EA01	3	M10	-	15,0	8,8	8,5	2,1	1.000
12642EA01	2	M12	-	13,0	5,2	10,0	2,1	1.000
12643EA01	2	M14	-	17,5	10,6	13,2	2,3	1.000
12644EA01	2	M16	-	19,0	6,7	15,5	2,5	1.000

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FLANSCHSCHUTZKAPPE
FULL-FACE FLANGE PROTECTORS



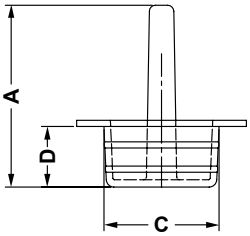


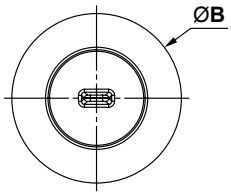
- **Material: PE-LD** / *Material: PE-LD*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	DN	**Nenndurchmesser** *Nominal diameter*	Farbe *Colour*	**D**	**C**	**A**	**B**	**VPE-Stckz.** *Moq-Pcs*
14120EA06	**DN 10**	3/8"	Gelb-Yellow	6,8	14,2	86,0	20,0	800
14121EA06	**DN 15**	1/2"	Gelb-Yellow	8,5	19,0	90,0	20,0	500
14122EA06	**DN 20**	3/4"	Gelb-Yellow	13,0	24,0	100,0	20,0	350
14123EA06	**DN 25**	1"	Gelb-Yellow	18,0	30,0	110,0	24,0	300
14124EA06	**DN 32**	1.1/4"	Gelb-Yellow	23,0	39,0	136,0	30,0	200
14125EA06	**DN 40**	1.1/2"	Gelb-Yellow	30,0	45,5	146,0	30,0	200
14126EA06	**DN 50**	2"	Gelb-Yellow	40,0	56,5	160,0	30,0	100
14127EA06	**DN 65**	2.1/2"	Gelb-Yellow	53,0	72,5	180,0	34,0	80
14128EA06	**DN 80**	3"	Gelb-Yellow	66,0	85,5	196,0	34,0	75
14129EA06	**DN 100**	4"	Gelb-Yellow	86,0	110,0	216,0	44,0	50
14130EA06	**DN 125**	5"	Gelb-Yellow	110,0	134,0	246,0	44,0	35
14131EA06	**DN 150**	6"	Gelb-Yellow	139,0	163,0	280,0	48,0	25
14132EA06	**DN 200**	8"	Gelb-Yellow	186,0	210,0	336,0	50,0	16
14133EA06	**DN 250**	10"	Gelb-Yellow	237,0	263,0	403,0	50,0	17
14134EA06	**DN 300**	12"	Gelb-Yellow	284,0	319,0	450,0	55,0	20
14135EA06	**DN 350**	14"	Gelb-Yellow	295,0	340,0	465,0	45,0	35
14136EA06	**DN 400**	16"	Gelb-Yellow	382,0	410,0	540,0	45,0	25
14137EA06	**DN 450**	18"	Gelb-Yellow	382,0	445,0	540,0	45,0	25







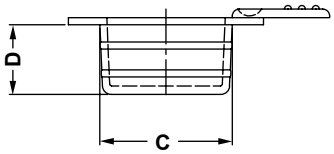


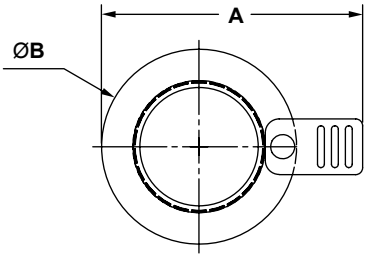
- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +105°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	PG	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
25120PS01	M8	24,0	15,5	7,5	8,0		1.000
25121PS01	M10	30,0	17,5	9,5	8,0		2.000
25122PS01	M12	30,0	19,5	11,5	8,0		2.000
25123PS01	M14	30,0	21,5	12,8	10,0		2.000
25124PS01	M16	32,0	23,5	15,2	10,0		2.000
25125PS01	M18	26,0	25,5	17,6	10,0		1.000
25126PS01	M20	26,0	27,5	19,4	12,0		1.000
25127PS01	M22	26,0	29,5	21,4	12,0		1.000
25128PS01	M24	26,0	28,5	23,5	12,0		1.000
							1.000







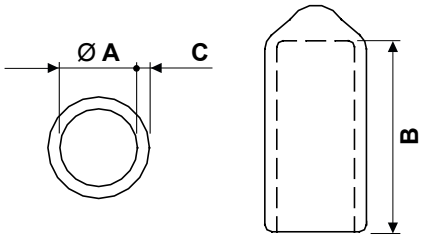


- **Material: TPE** / *Material: TPE*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +105°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Gewinde *Size*	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
25129PS01	M6	23,2	15,5	5,5	8,0		1.000
25130PS01	M8	25,3	15,0	7,5	8,0		2.000
25131PS01	M10	27,3	17,0	9,5	8,0		2.000
25132PS01	M12	28,3	17,0	11,5	8,0		2.000
25133PS01	M14	31,0	21,0	13,0	10,0		2.000
25134PS01	M16	33,3	23,0	15,5	10,0		2.000
25135PS01	M18	35,5	26,0	17,0	10,0		2.000
25136PS01	M20	37,1	27,5	19,4	12,0		1.000
25137PS01	M22	39,4	29,5	21,4	12,0		1.000
25138PS01	M24	40,8	28,5	23,5	12,0		1.000

PVC SCHUTZKAPPEN
PVC CAP





- **Material: weich P.V.C.** / *Material: soft P.V.C.*
- **Temperaturbereich /** Working temperature**: -25°C ~ +60°C**
- **Farbe: Standard Schwarz. Auf Anfrage Natur, Rot, Gelb, Grün, Blau, Weiß** / *Colour: Standard Black only by special request Natural , Red, Yellow, Green, Blue, White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
6674CA01	2,0	12,0	0,8	1.000
6675CA01	2,6	7,0	0,8	1.000
6676CA01	2,6	8,0	0,8	2.000
6677CA01	2,6	9,0	0,8	1.000
6679CA01	3,2	6,0	0,8	2.000
6680CA01	3,2	10,0	0,8	1.000
6681CA01	3,2	13,0	0,8	1.000
6682CA01	4,0	6,0	0,8	1.000
6683CA01	4,0	8,0	0,8	1.000
6684CA01	4,8	9,0	1.0	1.000
6685CA01	4,8	13,0	0,8	1.000
6686CA01	5,7	8,0	1,0	1.000
6687CA01	5,7	10,0	1,0	1.000
6688CA01	5,7	13,0	1,0	1.000
6689CA01	6,0	8,0	1,0	1.000
5596CA01	6,0	12,0	1,0	1.000
6690CA01	6,5	13,0	1,0	1.000
6691CA01	7,0	13,0	1,0	1.000
6692CA01	7,0	20,0	1,0	1.000
6693CA01	7,6	8,0	1,0	1.000
6694CA01	7,6	13,0	1,0	1.000
6695CA01	8,0	8,5	1,0	1.000
6696CA01	8,0	10,0	1,0	1.000
6697CA01	8,5	9,0	1,0	1.000
6698CA01	8,5	15,0	1,0	1.000
6699CA01	9,5	16,0	1,0	1.000

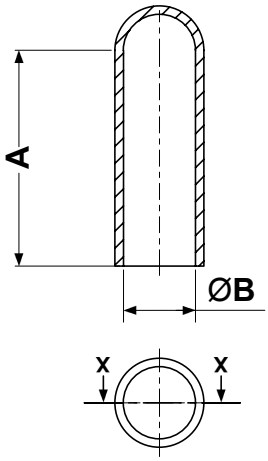
ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
6700CA01	10,0	20,0	1,2	1.000
6701CA01	11,4	20,0	1,2	1.000
6702CA01	12,0	16,0	1,2	500
6703CA01	14,0	35,0	1,2	500
6704CA01	15,0	14,0	1,2	500
6705CA01	17,8	13,0	1,2	500
6706CA01	22,0	16,0	1,2	500

SILIKON SCHUTZKAPPEN
SILICONE CAP





Section X-X



- **Material: Silikon** / *Material: Silicone*
- **max. Temperatur bis +315 ° C** / *For high temperature until to +315°C*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material EPDM Schwarz lieferbar** / *on special request in Material EPDM Black available*

ARTIKEL *P/N*	A	B	Gewinde *Size*	VPE-Stckz. *Moq-Pcs*
25003SI00	12,7	0,5	-	1.000
25004SI00	19,1	1,6	-	1.000
25005SI00	25,4	1,8	-	1.000
25006SI00	19,1	2,4	-	1.000
25007SI00	25,4	2,4	-	1.000
25008SI00	12,7	2,5	-	1.000
25009SI00	25,4	2,5	-	1.000
25010SI00	19,1	2,8	M3	1.000
25011SI00	25,4	2,8	M3	1.000
25012SI00	12,7	3,2	-	1.000
25013SI00	25,4	3,2	-	1.000
25014SI00	12,7	3,5	-	500
25015SI00	25,4	3,5	-	1.000
25016SI00	19,1	3,8	M4	500
25017SI00	25,4	3,8	M4	250
25018SI00	12,7	4,0	M4	250
25019SI00	25,4	4,0	M4	1.000
25020SI00	38,1	4,0	M4	250
25021SI00	12,7	4,4	-	250
25022SI00	25,4	4,4	-	1.000

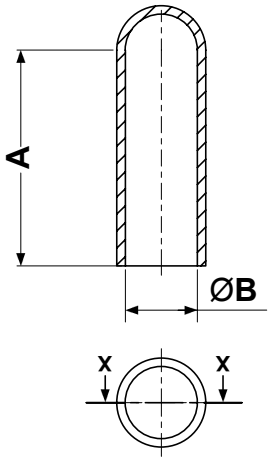
ARTIKEL *P/N*	A	B	Gewinde *Size*	VPE-Stckz. *Moq-Pcs*
25023SI00	38,1	4,4	-	250
25024SI00	25,4	4,6	-	250
25025SI00	12,7	4,8	-	250
25026SI00	25,4	4,8	-	1.000
25027SI00	25,4	5,5	-	250
25028SI00	12,7	5,7	-	250
25029SI00	25,4	5,7	-	250
25030SI00	38,1	5,7	-	250
25031SI00	12,7	5,9	-	250
25032SI00	25,4	5,9	-	1.000
25033SI00	38,1	5,9	-	250
25034SI00	25,4	6,4	-	1.000
25035SI00	38,1	6,4	-	250
25036SI00	12,7	7,1	-	250
25037SI00	25,4	7,1	-	1.000
25038SI00	38,1	7,5	-	250
25039SI00	25,4	7,9	-	1.000
25040SI00	38,1	7,9	-	1.000
25041SI00	25,4	8,7	-	250
25042SI00	38,1	9,0	-	250

SILIKON SCHUTZKAPPEN
SILICONE CAP





Section X-X



- **Material: Silikon** / *Material: Silicone*
- **max. Temperatur bis +315 ° C** / *For high temperature until to +315°C*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material EPDM Schwarzlieferbar** / *on special request in Material EPDM Black available*

ARTIKEL *P/N*	A	B	Gewinde *Size*	VPE-Stckz. *Moq-Pcs*
25043SI00	12,7	9,5	-	250
25044SI00	19,1	9,5	-	250
25045SI00	25,4	9,5	-	1.000
25046SI00	38,1	9,5	-	250
25047SI00	25,4	10,3	-	250
25048SI00	25,4	11,1	-	200
25049SI00	25,4	11,6	-	100
25050SI00	38,1	11,6	-	100
25051SI00	25,4	11,9	-	200
25052SI00	38,1	12,2	-	100
25053SI00	38,1	12,7	-	200
25054SI00	76,2	12,7	-	100
25055SI00	101,6	12,7	-	100
25056SI00	38,1	13,6	-	500
25057SI00	76,2	13,6	-	100
25058SI00	16,7	14,3	-	100
25059SI00	27,9	14,3	-	100
25060SI00	38,1	14,3	-	200
25061SI00	38,1	15,2	-	100
25062SI00	31,8	15,9	-	100

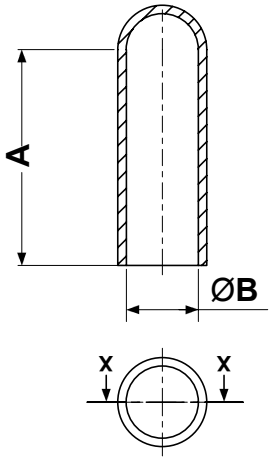
ARTIKEL *P/N*	A	B	Gewinde *Size*	VPE-Stckz. *Moq-Pcs*
25063SI00	38,1	15,9	-	200
25064SI00	57,2	15,9	-	100
25065SI00	15,9	17,5	-	100
25066SI00	38,1	17,5	-	100
25067SI00	44,5	17,5	-	100
25068SI00	63,5	17,5	-	100
25069SI00	38,1	18,5	-	100
25070SI00	109,9	18,5	-	100
25071SI00	38,1	19,1	-	200
25072SI00	48,9	19,1	-	100
25073SI00	88,9	19,1	-	100
25074SI00	109,2	19,1	-	100
25075SI00	25,4	20,6	-	100
25076SI00	38,1	20,6	-	100
25077SI00	72,2	21,5	-	100
25078SI00	38,1	22,2	-	100
25079SI00	38,1	23,8	-	100
25080SI00	38,1	24,6	-	100
25081SI00	101,6	24,6	-	100
25082SI00	20,8	25,4	-	100

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Section X-X



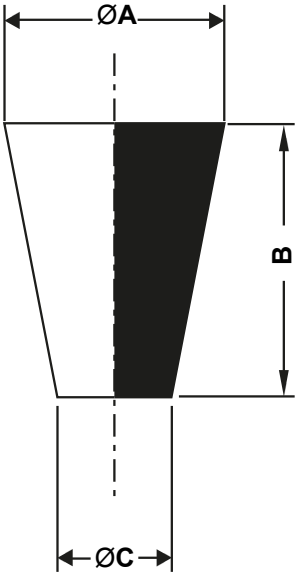
- **Material: Silikon** / *Material: Silicone*
- **max. Temperatur bis +315 ° C** / *For high temperature until to +315°C*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **auf Anfrage auch in Material EPDM lieferbar** / *on special request in Material EPDM available*

ARTIKEL *P/N*	A	B	Gewinde *Size*	VPE-Stckz. *Moq-Pcs*
25083SI00	38,1	25,4	-	100
25084SI00	50,8	25,4	-	100
25085SI00	76,2	27,5	-	100
25086SI00	38,1	28,6	-	100
25087SI00	59,0	30,1	-	100
25088SI00	38,1	31,8	-	100
25089SI00	25,4	38,1	-	100
25090SI00	38,1	38,1	-	100
25091SI00	44,5	38,1	-	100
25092SI00	50,8	41,3	-	50
25093SI00	38,1	44,5	-	50
25094SI00	50,8	44,5	-	50
25095SI00	50,8	47,6	-	50
25096SI00	50,8	50,8	-	50
25097SI00	50,8	53,5	-	50

BLINDLOCHABDECKUNG
HOLE PLUG







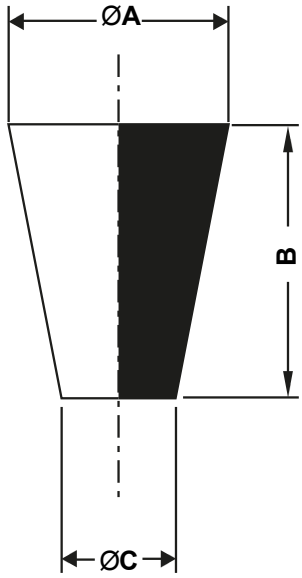
- **Material: Silikon** / *Material: Silicone*
- **max. Temperatur: 315 °C** / *High temperature: 315 °C*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Metrisch *Metric*	UNF	GAS	VPE-Stckz. *Moq-Pcs*
25180SI00	1,6	15,9	0,4	-	-	-	1.000
25181SI00	2,0	19,1	0,5	M2	-	-	1.000
25182SI00	3,2	15,9	0,8	M2	-	-	1.000
25183SI00	3,2	15,9	1,6	M3	-	-	1.000
25184SI00	4,8	15,9	1,6	M3,M4	-	-	1.000
25185SI00	4,8	19,1	1,6	M3,M4	-	-	1.000
25186SI00	5,5	38,1	1,2	M3,M4,M5	-	-	1.000
25187SI00	6,4	19,1	3,2	M5,M6	1/4”	-	1.000
25188SI00	6,4	25,4	3,2	M5,M6	1/4”	-	1.000
25189SI00	8,7	15,9	4,8	M7,M8	5/8”	1/16”	1.000
25190SI00	8,7	25,4	4,8	M7,M8	5/8”	1/16”	1.000
25191SI00	9,5	12,7	6,4	M10	3/8”	1/8”	1.000
25192SI00	9,5	19,1	6,4	M10	3/8”	1/8”	1.000
25193SI00	11,1	17,5	8,7	M12	7/16”	-	1.000
25194SI00	11,1	25,4	6,4	M10,M12	3/8”	1/8”	1.000
25195SI00	11,9	20,6	8,7	M12	7/16”	-	1.000
25196SI00	14,3	28,6	7,9	M10,M12,M14	7/16”, 1/2”, 9/16”	1/4”	1.000
25197SI00	14,3	25,4	7,9	M10,M12,M14	7/16”, 1/2”, 9/16”	1/4”	1.000
25198SI00	15,1	25,4	10,3	M14,M16	1/2”, 9/16”	-	1.000
25199SI00	15,9	22,2	11,1	M14,M16	9/16”, 5/8”	3/8”	1.000

BLINDLOCHABDECKUNG
HOLE PLUG







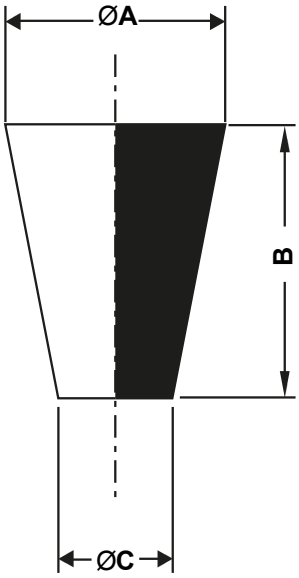
- **Material: Silikon** / *Material: Silicone*
- **max. Temperatur: 315 °C** / *High temperature: 315 °C*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Metrisch *Metric*	UNF	GAS	VPE-Stckz. *Moq-Pcs*
25200SI00	16,7	25,4	12,7	M16	5/8”	3/8”	200
25201SI00	17,5	25,4	11,1	M14,M16,M18	5/8”	3/8”	100
25202SI00	19,1	14,3	14,3	M18,M20	3/4”	-	100
25203SI00	19,1	25,4	14,3	M18,M20	3/4”	-	100
25204SI00	19,8	25,4	15,9	M20	3/4”	1/2”	100
25205SI00	20,3	15,9	15,9	M20,M22	3/4”	1/2”	100
25206SI00	23,5	19,1	19,1	M22,M24	7/8”	-	100
25207SI00	23,8	25,4	18,3	M22,M24	7/8”	-	100
25208SI00	25,4	25,4	19,8	M22,M24	1”	3/4”	100
25209SI00	27,0	25,0	23,0	M27	-	-	100
25210SI00	27,9	25,4	23,8	M30	1,1/8”	-	100
25211SI00	31,8	25,4	26,2	M33	1,1/4”	-	100
25212SI00	33,4	25,4	27,0	M33	1,1/4” - 1,3/8”	1”	100
25213SI00	36,5	25,4	30,2	M36	1,3/8”	-	100
25214SI00	38,9	25,4	31,8	M39	1,1/2”	-	100
25215SI00	41,3	25,4	33,3	M39,M42	1,1/2”	1,1/4”	100
25216SI00	42,9	25,4	35,7	M42	-	1,1/4”	100
25217SI00	44,5	25,4	37,3	M48	-	-	100
25218SI00	46,0	25,4	38,1	M48	-	1,1/2”	100
25219SI00	50,0	25,4	41,3	-	-	1,1/2”	50

BLINDLOCHABDECKUNG
HOLE PLUG





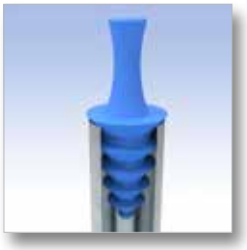


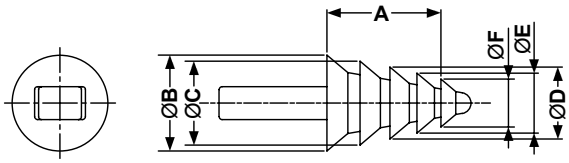
- **Material: Silikon** / *Material: Silicone*
- **max. Temperatur: 315 °C** / *High temperature: 315 °C*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	**C**	**Metrisch** *Metric*	**UNF**	**GAS**	**VPE-Stckz.** *Moq-Pcs*
25220SI00	52,4	25,4	44,5	M56	-	-	100
25221SI00	56,0	25,4	47,5	M56	-	-	100
25222SI00	62,7	25,4	50,0	M64	-	2”	100
25223SI00	63,5	25,4	54,0	M64	-	2”	100
25224SI00	68,3	25,4	57,9	-	-	-	100
25225SI00	75,0	34,9	61,9	-	-	2,1/2”	100
25226SI00	88,9	38,1	76,2	-	-	3”	50
25227SI00	101,6	38,1	82,6	-	-	-	50
25228SI00	127,0	50,8	88,9	-	-	4”	25

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SILIKON SCHUTZSTOPFEN
SILICONE PLUG FOR HIGH TEMPERATURES



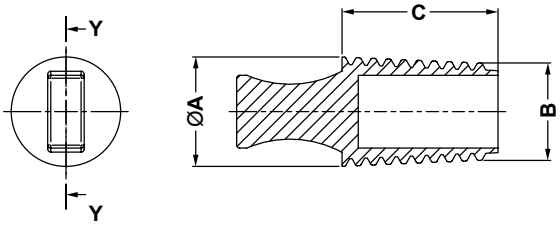


- **Material: Silikon** / *Material: Silicone*
- **MAX. Temperatur bis +315 ° C** / *For high temperature until to +315°C*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
25000SI08	11,0	-	10,0	8,0	6,0	4,0	**Ø 4,0 - 10,0**	**Blau** / *Blue*	500
25001SI04	19,5	16,0	14,0	12,0	10,0	8,0	**Ø 8,0 - 14,0**	**Rot** / *Red*	500
25002SI10	19,5	18,0	16,0	14,0	12,0	10,0	**Ø10,0 - 16,0**	**Grün** / *Green*	500

SECTION Y-Y



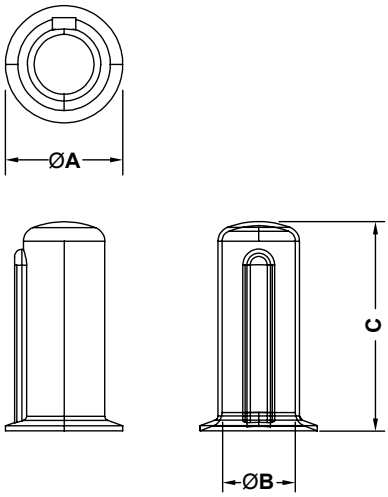


- **Material: Silikon** / *Material: Silicone*
- **Max.Temperatur bis + 315 ° C** / *For high temperature until to +315°C*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
25098SI00	6,0	4,0	25,4		1.000
25099SI00	8,0	6,0	25,4		1.000
25100SI00	10,0	8,0	25,4		1.000
25101SI00	12,0	10,0	25,4		500
25102SI00	14,0	12,0	25,4		500
25103SI00	16,0	14,0	25,4		200
25104SI00	18,0	16,0	25,4		200
25105SI00	20,0	18,0	25,4		200
25106SI00	22,5	20,0	25,4		200
25107SI00	24,0	22,5	25,4		200
25108SI00	26,0	24,0	25,4		100
25109SI00	28,0	26,0	25,4		100
25110SI00	28,6	25,4	25,4		100
25111SI00	31,8	28,6	25,4		100







- **Material: PE-LD** / *Material: PE-LD*
- **Farbe: Gelb** / *Colour: Yellow*

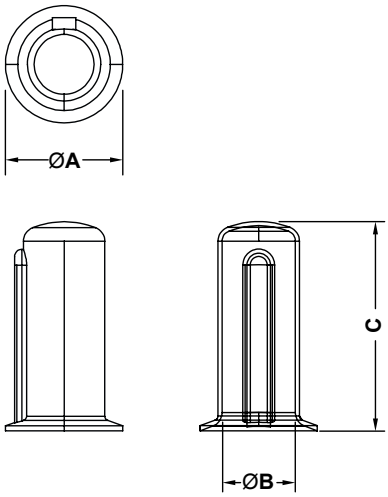
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	ØA	ØB	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
25380EA06	14,5	9,0	25,0		500
25381EA06	16,0	10,0	30,0		500
25382EA06	17,5	11,0	30,0		500
25383EA06	22,5	14,0	35,0		500
25384EA06	25,5	15,0	35,0		500
25385EA06	25,5	16,0	50,0		500
25386EA06	30,5	19,0	50,0		500
25387EA06	32,5	20,0	60,0		250
25388EA06	35,5	22,0	60,0		250
25389EA06	38,5	24,0	60,0		200
25390EA06	40,0	25,0	70,0		200
25391EA06	45,0	28,0	70,0		200
25392EA06	48,0	30,0	95,0		100
25393EA06	51,0	32,0	95,0		100
25394EA06	56,0	35,0	95,0		100
25395EA06	61,0	38,0	95,0		100
25396EA06	67,0	42,0	130,0		75
25397EA06	72,0	45,0	130,0		75

ANTRIEBSWELLE SCHUTZKAPPE
DRIVESHAFT PROTECTION CAPS







- **Material: PE-LD** / *Material: PE-LD*
- **Farbe: Gelb** / *Colour: Yellow*

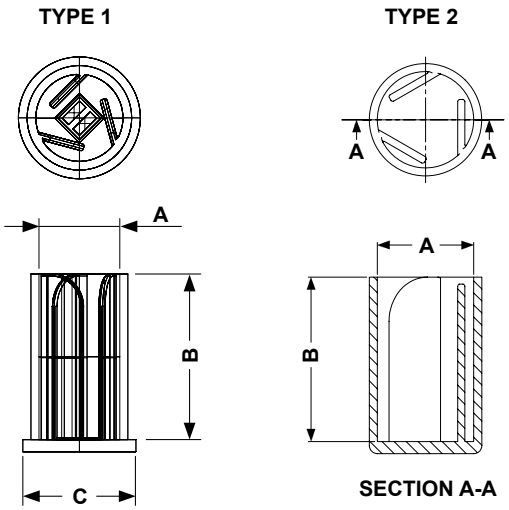
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	ØA	ØB	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
25398EA06	77,0	48,0	130,0		100
25399EA06	88,0	55,0	130,0		100
25400EA06	96,0	60,0	165,0		25
25401EA06	104,0	65,0	165,0		75
25402EA06	108,0	70,0	165,0		75
25403EA06	112,0	75,0	165,0		75

SCHUTZKAPPE FÜR BOLZEN & AUSSENGEWINDE
FINNED CAP







- **Material: PE-HD** / *Material: PE-HD*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

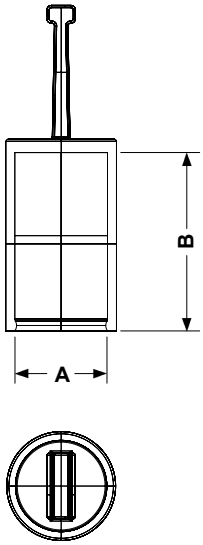
ARTIKEL *P/N*	TYPE	A	B	C	Referenz Min *Min. Reference*	Referenz Max *Max. Reference*	VPE-Stckz. *Moq-Pcs*
25320EA00	1	10,0	20,5	14,0	6,5	8,0	2.500
25321EA00	1	11,0	20,5	15,0	8,0	9,0	2.500
25322EA00	1	12,5	20,5	16,5	9,0	10,5	2.500
25323EA00	1	16,0	20,5	20,0	11,0	13,0	500
25324EA00	1	18,0	20,5	22,0	14,0	16,0	500
25325EA00	1	22,0	20,5	26,0	17,0	19,0	500
25326EA00	1	25,0	23,5	29,0	20,0	22,0	500
25327EA00	1	29,0	28,5	33,0	24,0	26,0	500
25328EA00	1	33,0	32.5	37,0	28,0	30,0	500
25329EA00	2	10,0	31,5	-	6,5	8,0	500
25330EA00	2	11,0	20,5	-	8,0	9,0	500
25331EA00	2	12,0	20,5	-	9,0	10,0	500

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FLEXIBLE GRIFFKAPPEN
FINNED CAP





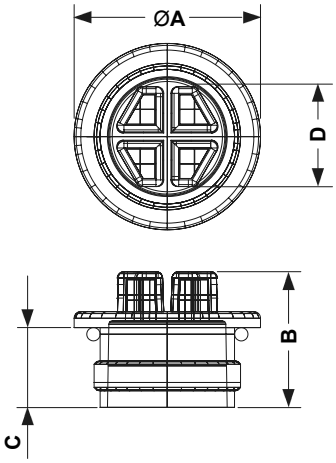


- **Material: EVA** / *Material: EVA*
- **Farbe: Gelb** / *Colour: Yellow*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
25350EV06	4,0	21,0		500
25351EV06	5,0	20,0		500
25352EV06	6,0	20,0		500
25353EV06	8,0	20,0		500
25354EV06	9,0	20,0		500
25355EV06	10,0	20,0		500
25356EV06	11,0	20,0		500
25357EV06	12,0	20,0		500
25358EV06	13,0	20,0		500
25359EV06	14,0	20,0		500
25360EV06	15,0	20,0		500
25361EV06	16,0	20,0		500
25362EV06	18,0	20,0		500
25363EV06	20,0	20,0		500
25364EV06	20,0	30,0		500
25365EV06	24,0	20,0		500





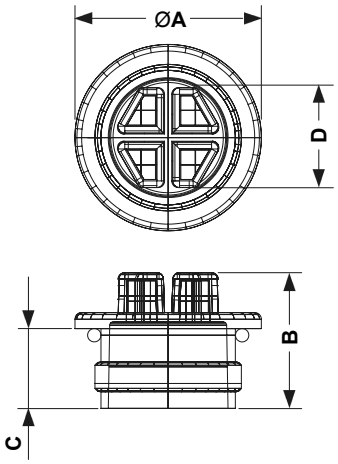


- **Material: PE-HD** / *Material: PE-HD*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Farbe: Gelb** / *Colour: Yellow*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**PG**	**A**	**B**	**C**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
25240EA06	16.0	17.2	10.0	7.0	1/8" x 28	GAS	500
25241EA06	19.0	19.7	12.5	10.0	1/4" x 19	GAS	500
25242EA06	22.0	20.9	12.5	13.0	3/8" x 19	GAS	500
25243EA06	27.0	21.9	13.5	15.0	1/2" x 14	GAS	500
25244EA06	29.5	21.9	13.5	17.0	5/8" x 14	GAS	500
25245EA06	32.0	21.9	13.5	19.0	3/4" x 14	GAS	250
25246EA06	37.0	21.9	13.5	22.0	7/8" x 14	GAS	250
25247EA06	40.0	23.6	15.0	24.0	1" x 11	GAS	250
25248EA06	50.0	23.6	15.0	24.0	1,1/4" x 11	GAS	250
25249EA06	56.0	25.0	15.0	30.0	1,1/2" x 11	GAS	100
25250EA06	62.0	25.0	15.0	36.0	1,3/4" x 11	GAS	100
25251EA06	68.0	25.0	15.0	36.0	2" x 11	GAS	100
25252EA06	12.5	17.0	10.0	6.0	M8 x 1	**Metrisch** / *Metric*	250
25253EA06	16.0	17.2	10.0	7.0	M10 x 1	**Metrisch** / *Metric*	250
25255EA06	17.0	17.2	10.0	10.0	M12 x 1	**Metrisch** / *Metric*	250
25254EA06	16.0	17.2	10.0	7.0	M10 x 1.5	**Metrisch** / *Metric*	250
25256EA06	17.0	19.2	12.0	10.0	M12 x 1.5	**Metrisch** / *Metric*	250
25257EA06	19.0	19.2	12.0	10.0	M14 x 1.5	**Metrisch** / *Metric*	100
25258EA06	22.0	20.4	12.0	13.0	M16 x 1.5	**Metrisch** / *Metric*	100
25259EA06	24.0	20.4	12.0	13.0	M18 x 1.5	**Metrisch** / *Metric*	100





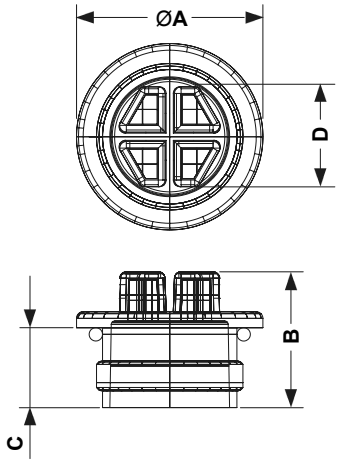


- **Material: PE-HD** / *Material: PE-HD*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Farbe: Gelb** / *Colour: Yellow*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**PG**	**A**	**B**	**C**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
25260EA06	26.0	20.4	12.0	15.0	M20 x 1.5	**Metrisch** / *Metric*	100
25261EA06	28.0	20.4	12.0	15.0	M22 x 1.5	**Metrisch** / *Metric*	100
25262EA06	30.0	20.4	12.0	17.0	M24 x 1.5	**Metrisch** / *Metric*	100
25263EA06	32.0	20.4	12.0	19.0	M26 x 1.5	**Metrisch** / *Metric*	100
25265EA06	34.0	20.4	12.0	19.0	M28 x 1.5	**Metrisch** / *Metric*	100
25266EA06	38.0	20.6	12.0	22.0	M30 x 1.5	**Metrisch** / *Metric*	100
25268EA06	40.0	20.6	12.0	24.0	M32 x 1.5	**Metrisch** / *Metric*	500
25270EA06	45.0	20.6	12.0	24.0	M36 x 1.5	**Metrisch** / *Metric*	500
25272EA06	48.0	20.6	12.0	24.0	M38 x 1.5	**Metrisch** / *Metric*	500
25274EA06	52.0	22.0	12.0	24.0	M45 x 1.5	**Metrisch** / *Metric*	500
25277EA06	60.0	22.0	12.0	30.0	M52 x 1.5	**Metrisch** / *Metric*	500
25271EA06	33.0	24.6	15.0	19.0	M27 x 2.0	**Metrisch** / *Metric*	250
25267EA06	38.0	24.6	15.0	22.0	M30 x 2.0	**Metrisch** / *Metric*	250
25269EA06	40.0	24.6	15.0	24.0	M33 x 2.0	**Metrisch** / *Metric*	250
25271EA06	45.0	24.6	15.0	24.0	M36 x 2.0	**Metrisch** / *Metric*	250
25273EA06	50.0	24.6	15.0	24.0	M42 x 2.0	**Metrisch** / *Metric*	250
25275EA06	52.0	25.0	15.0	30.0	M45 x 2.0	**Metrisch** / *Metric*	250
25276EA06	55.0	25.0	15.0	30.0	M48 x 2.0	**Metrisch** / *Metric*	100
25278EA06	60.0	25.0	15.0	7.0	M52 x 2.0	**Metrisch** / *Metric*	100
25279EA06	14.0	17.2	10.0	7.0	3/8" x 24	UNF	500





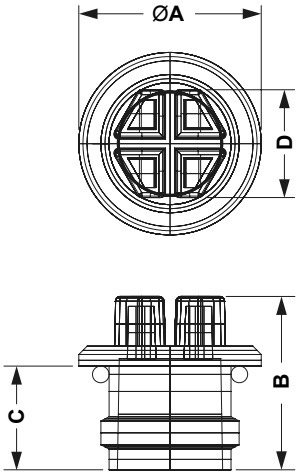


- **Material: PE-HD** / *Material: PE-HD*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Farbe: Gelb** / *Colour: Yellow*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**PG**	**A**	**B**	**C**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
25280EA06	16.0	19.7	12.5	10.0	7/16" x 20	UNF	500
25281EA06	19.0	20.9	12.5	10.0	1/2" x 20	UNF	500
25282EA06	21.0	20.9	12.5	10.0	9/16" x 18	UNF	500
25283EA06	22.0	20.9	12.5	13.0	5/8" x 18	UNF	500
25284EA06	27.0	21.9	13.5	13.0	3/4" x 16	UNF	500
25285EA06	28.0	21.9	13.5	15.0	7/8" x 14	UNF	500
25286EA06	31.0	22.1	13.5	17.0	1" x 14	UNF	500
25287EA06	35.0	22.6	14.0	19.0	1,1/16" x 12	UNF	250
25288EA06	38.0	22.6	14.0	22.0	1,3/16" x 12	UNF	250
25289EA06	42.0	24.0	14.0	24.0	1,5/16" x 12	UNF	250
25290EA06	50.0	24.0	14.0	24.0	1,5/8" x 12	UNF	250
25291EA06	55.0	24.0	14.0	30.0	1,7/8" x 12	UNF	250

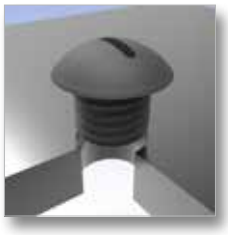


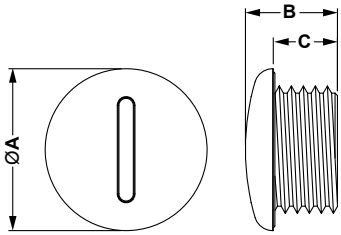




- **Material: PE-HD** / *Material: PE-HD*
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Farbe: Gelb** / *Colour: Yellow*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Gewinde *Size*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
25300EA06	16,0	17,2	10,0	7,0	1/8" x 28	GAS	2.500
25301EA06	19,7	19,0	12,5	10,0	1/4" x 19	GAS	2.500
25302EA06	22,0	20,9	12,5	13,0	3/8" x 19	GAS	2.500
25303EA06	27,0	21,9	13,5	15,0	1/2" x 14	GAS	1.000
25304EA06	32,0	21,9	13,5	19,0	3/4" x 14	GAS	1.000
25305EA06	40,0	23,6	15,0	24,5	1" x 11	GAS	1.500
25306EA06	50,0	23,6	15,0	24,0	1.1/4" x 11	GAS	800
25307EA06	12,5	17,0	10,0	6,0	M8 x 1	**Metrisch** / *Metric*	2.500
25308EA06	16,0	17,2	10,0	7,0	M10 x 1	**Metrisch** / *Metric*	2.500
25309EA06	17,0	17,2	10,0	10,0	M12 x 1	**Metrisch** / *Metric*	2.500
25310EA06	19,0	17,0	9,0	16,0	M14 x 1	**Metrisch** / *Metric*	1.000
25311EA06	17,0	17,2	10,0	10,0	M12 x 1.5	**Metrisch** / *Metric*	2.500
25312EA06	19,0	19,2	12,0	10,0	M14 x 1.5	**Metrisch** / *Metric*	2.500
25313EA06	22,0	20,4	12,0	13,0	M16 x 1.5	**Metrisch** / *Metric*	1.000
25314EA06	24,0	19,0	10,0	20,0	M18 x 1.5	**Metrisch** / *Metric*	1.000
25315EA06	26,0	20,4	12,0	15,0	M20 x 1.5	**Metrisch** / *Metric*	1.000

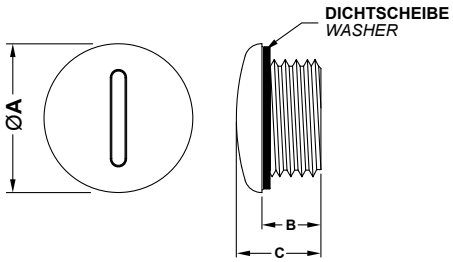




- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	STEP *Size*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14883AA01	M10 x 1,5P	Ø15,0	12,5	8,5		1.000





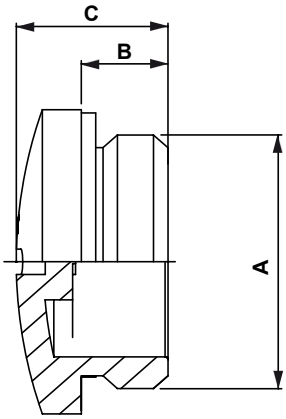
- **Körpermaterial: PA 6.6** / *Material: PA 6.6*
- **Scheibenmaterial: EPDM** / *Material:* **EPDM**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit** / *Flammability:* **V2 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

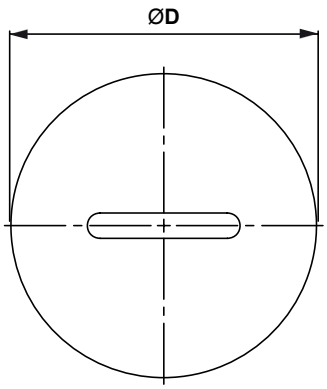
ARTIKEL *P/N*	STEP *Size*	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14890AA01	M10 x 1,5	Ø15,0	8,5	12,5		500
14891AA01	M12 x 1,5	Ø15,0	6,0	10,0		500
14892AA01	M16 x 1,5	Ø20,2	8,0	11,5		500
14893AA01	M20 x 1,5	Ø24,0	7,5	12,5		500
14894AA01	M25 x 1,5	Ø30,0	11,0	15,0		500
14895AA01	M32 x 1,5	Ø37,0	10,8	15,7		500
14896AA01	M40 x 1,5	Ø46,0	12,0	17,5		500

METRISCHE GEWINDESTOPFEN IP54
METRIC THREAD SCREW PLUG IP54

RAL 7001 | RAL 7035 | RAL 9005







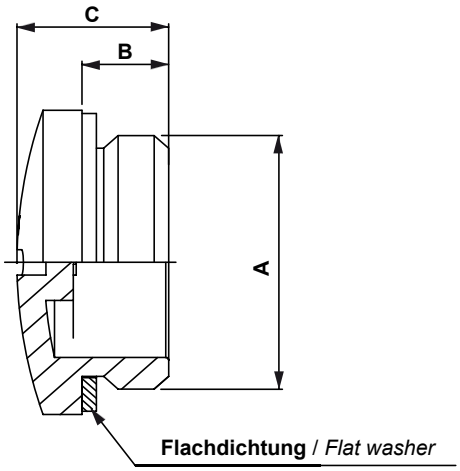
- **Material: PA 6** / *Material: PA 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Entflammbarkeit** / *Flammability:* **V2 (UL94)**
- **Metrisch nach EN 60423**/ *Metric according: EN 60423*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

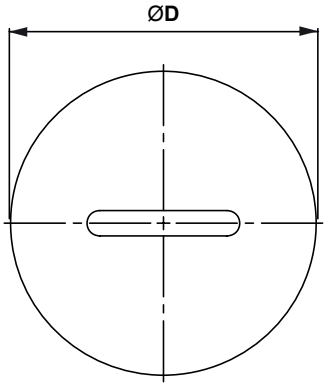
ARTIKEL *P/N Grau RAL 7001*	**ARTIKEL** *P/N Grau RAL 7035*	**ARTIKEL** *P/N Schwarz RAL 9005*	**A**	**B**	**C**	**D**	**VPE-Stckz.** *Moq-Pcs*
24048AA117001	**24048AA117035**	**24048AA019005**	M12	6,0	8,5	15,0	100
24049AA117001	**24049AA117035**	**24049AA019005**	M16	7,0	10,0	20,0	100
24050AA117001	**24050AA117035**	**24050AA019005**	M20	7,0	10,0	24,0	100
24051AA117001	**24051AA117035**	**24051AA019005**	M25	10,0	14,0	30,0	100
24052AA117001	**24052AA117035**	**24052AA019005**	M32	10,0	14,0	37,0	100
24053AA117001	**24053AA117035**	**24053AA019005**	M40	10,0	15,0	48,0	50

METRISCHE GEWINDESTOPFEN IP65
METRIC THREAD SCREW PLUG IP65

RAL 7001 | RAL 7035 | RAL 9005







- **Material: PA 6** / *Material: PA 6*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit** / *Flammability:* **HB (UL94)**
- **Metrisch nach EN 60423**/ *Metric according: EN 60423*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Schutzgrad** / *Protection grade: IP65*
- **Alle Maße sind in mm** / *All dimensions are in mm*

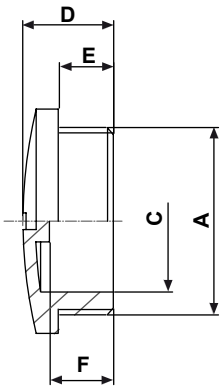
ARTIKEL *P/N Grau RAL 7001*	ARTIKEL *P/N Grau RAL 7035*	ARTIKEL *P/N Schwarz RAL 9005*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
8881AA117001	**8881AA117035**	**8881AA019005**	M12	6,0	10,0	15,0	100
8882AA117001	**8882AA117035**	**8882AA019005**	M16	6,0	10,5	20,0	100
8883AA117001	**8883AA117035**	**8883AA019005**	M20	6,0	10,5	24,0	100
8884AA117001	**8884AA117035**	**8884AA019005**	M25	8,0	13,0	30,0	100
8885AA117001	**8885AA117035**	**8885AA019005**	M32	8,0	13,5	37,0	100
8886AA117001	**8886AA117035**	**8886AA019005**	M40	8,0	14,0	46,0	50
8887AA117001	**8887AA117035**	**8887AA019005**	M50	10,0	16,5	56,0	50
8888AA117001	**8888AA117035**	**8888AA019005**	M63	12,0	17,0	70,0	50

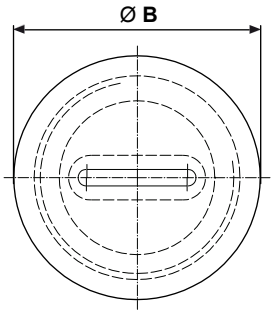
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PG GEWINDESTOPFEN IP54
PG THREAD SCREW PLUG IP54

RAL 7035





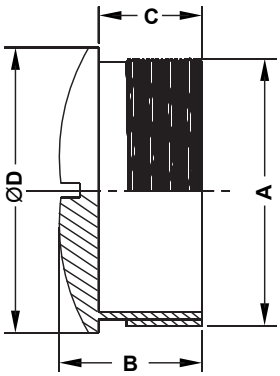


- **Material: PA 6 30% CV** / *Material: PA 6 30% GF*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Entflammbarkeit** / *Flammability:* **HB (UL94)**
- **Metrisch nach EN 60423**/ *Metric according: EN 60423*
- **Farbe: RAL 7035** / *Colour: RAL 7035*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N RAL 7035*	**A**	**B**	**C**	**D**	**E**	**F**	**VPE-Stckz.** *Moq-Pcs*
8840BB117035	Pg 7	15,0	9,0	10,0	6,0	7,0	100
8871BB117035	Pg 9	19,0	11,5	10,0	6,0	7,0	100
8842BB117035	Pg 11	22,0	14,0	10,0	6,0	7,0	100
8642BB117035	Pg 13,5	25,0	15,5	10,0	6,0	7,0	100
8844BB117035	Pg 16	27,0	17,0	10,0	6,0	7,0	100
8872BB117035	Pg 21	33,0	23,0	12,5	8,0	9,0	100
8873BB117035	Pg 29	44,5	31,5	13,0	8,0	9,0	100
8874BB117035	Pg 36	55,5	40,5	15,0	10,0	10,0	50
8875BB117035	Pg 42	62,5	47,5	15,5	10,0	10,0	50
8876BB117035	Pg 48	69,5	52,5	17,0	12,0	11,5	50

VERSCHLUSSSCHRAUBE METRISCH / PG GEWINDE IP68
BRASS SCREW PLUG METRIC / PG THREAD IP68



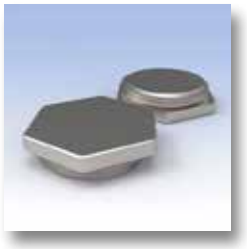


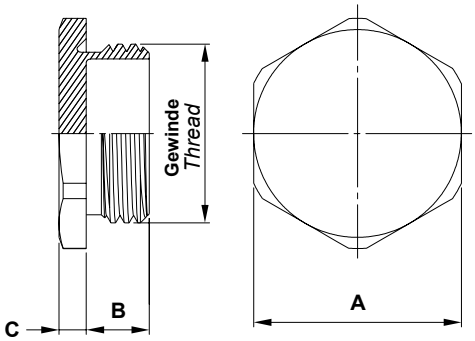
- **Material: Messing vernickelt** */ Material: nickel-plated brass*
- **O-Ring: NBR** */ O-ring: NBR*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
13272MA92	M 12 x 1,5	7,5	5,0	14,0		100
13273MA92	M 16 x 1,5	8,0	5,0	18,0		50
13274MA92	M 20 x 1,5	9,5	6,5	22,0		50
13275MA92	M 25 x 1,5	11,0	7,0	28,0		25
13276MA92	M 32 x 1,5	12,0	8,0	35,0		25
13277MA92	M 40 x 1,5	13,0	8,5	44,0		20
13278MA92	M 50 x 1,5	15,0	9,0	54,0		10
13279MA92	M 63 x 1,5	16,0	10,0	67,0		5
13551MA92	PG 7	8,0	5,0	14,0		100
13552MA92	PG 9	9,0	6,0	17,0		50
13553MA92	PG 11	9,0	6,0	20,0		50
13554MA92	PG 13,5	9,5	6,5	22,0		50
13555MA92	PG 16	9,5	6,5	24,0		50
13556MA92	PG 21	11,0	7,0	30,0		25
13557MA92	PG 29	12,0	8,0	39,0		20
13558MA92	PG 36	15,0	9,0	50,0		10
13559MA92	PG 42	16,0	10,0	57,0		10
13560MA92	PG 48	16,0	10,0	64,0		5

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MESSING-SECHSKANT VERSHCLUSSCHRAUBE IP54
METRIC BRASS HEXAGONAL PLUG IP54

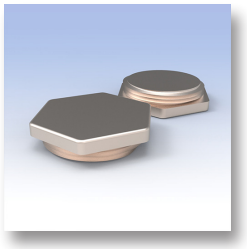


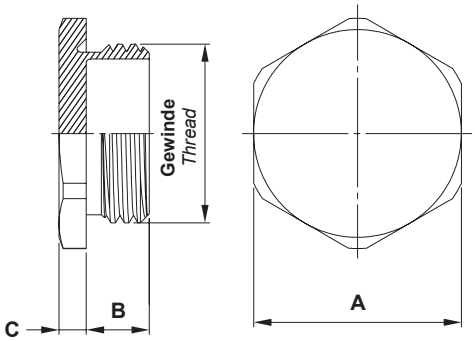


- **Material: Messing vernickelt** / *Material: nickel-plated brass*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**Gewinde** Size	**A**	**B**	**C**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
15201MA92	M12	14,0	7,0	3,0		50
15202MA92	M16	17,0	7,0	3,0		50
15203MA92	M20	23,0	7,0	3,0		50
15204MA92	M25	29,0	8,0	3,5		20
15205MA92	M32	39,0	8,5	4,0		20
15206MA92	M40	45,0	8,5	4,0		20
15207MA92	M50	58,0	9,5	5,0		10
15208MA92	M63	70,0	10,5	7,0		5
15209MA92	M75	80,0	11,5	8,0		1

MESSING-SECHSKANT VERSHLUSS SCHRAUBE IP54
BRASS HEXAGONAL PLUG IP54





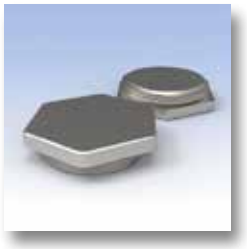
new PRODUCT

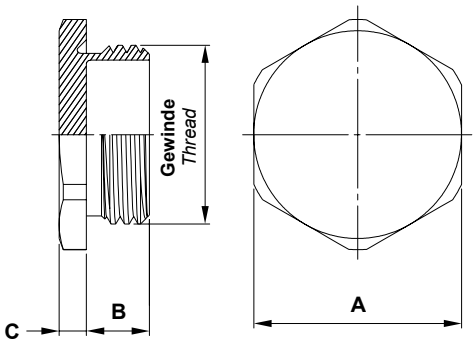
- **Material: Edelstahl** / *Material: Stainless Steel*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Schutzart** / *Protection grade: IP54*

ARTIKEL *P/N*	Gewinde Size	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15210MA92	PG 07	14,0	5,0	3,0		100
15211MA92	PG 09	17,0	6,0	3,0		100
15212MA92	PG 11	19,0	6,0	3,0		100
15213MA92	PG 13	21,0	6,5	3,0		100
15214MA92	PG 16	23,0	6,5	3,0		100
15215MA92	PG 21	29,0	7,0	4,0		50
15216MA92	PG 29	39,0	8,0	4,0		50
15217MA92	PG 36	50,0	9,0	5,0		10
15218MA92	PG 42	58,0	10,0	5,0		5
15219MA92	PG 48 NFC	64,0	11,0	6,0		5
15220MA92	PG 48 DIN	64,0	10,0	6,0		1

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EDELSTAHL SECHSKANT VERSHLUSS SCHRAUBE IP54
METRIC HEXAGONAL PLUGS STAINLESS STEEL IP54



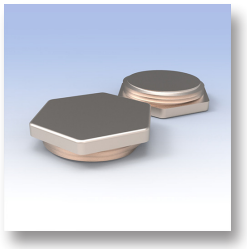


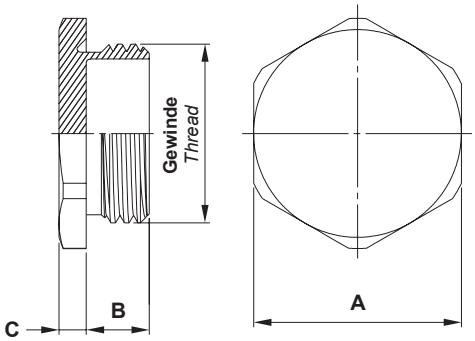
new PRODUCT

- **Material: Edelstahl** / *Material: Stainless Steel*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Schutzart** / *Protection grade: IP54*

ARTIKEL *P/N*	Gewinde Size	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15221MD90	M12	17,0	7,0	3,0		1
15222MD90	M16	19,0	7,0	3,0		1
15223MD90	M20	23,0	7,0	3,0		1
15224MD90	M25	29,0	8,0	3,5		1
15225MD90	M32	39,0	8,5	4,0		1
15226MD90	M40	45,0	8,5	4,0		1
15227MD90	M50	58,0	9,5	5,0		1
15228MD90	M63	70,0	10,5	7,0		1

EDELSTAHL SECHSKANT VERSCHLUSSSCHRAUBE IP54
METRIC HEXAGONAL PLUGS STAINLESS STEEL IP54





new PRODUCT

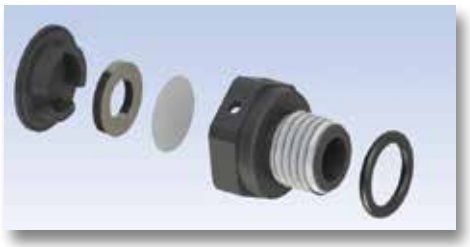
- **Material: Edelstahl** / *Material: Stainless Steel*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Schutzart** / *Protection grade: IP54*

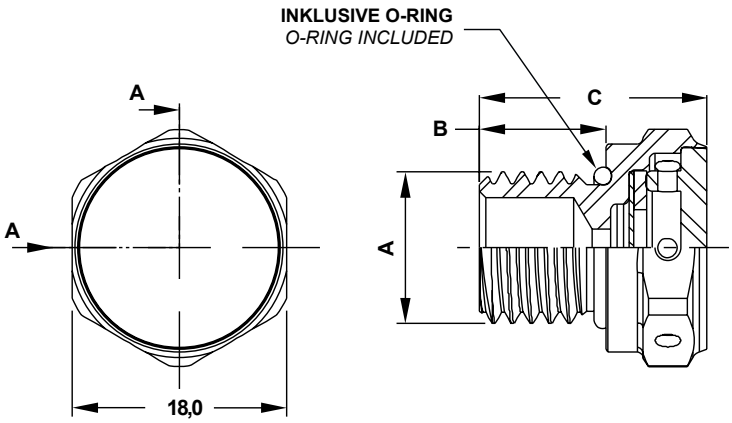
ARTIKEL *P/N*	Gewinde Size	A	B	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15229MD90	PG 09	17,0	6,0	3,0		1
15230MD90	PG 11	19,0	6,0	3,0		1
15231MD90	PG 13	21,0	6,5	3,0		1
15232MD90	PG 16	23,0	6,5	3,0		1
15233MD90	PG 21	29,0	7,0	4,0		1
15234MD90	PG 29	39,0	8,0	4,0		1

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DRUCKAUSGLEICHSELEMENT IP68
PLASTIC VENTILATION PLUG IP68





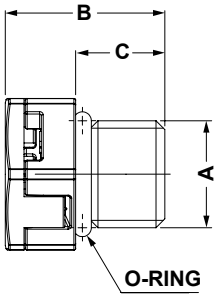


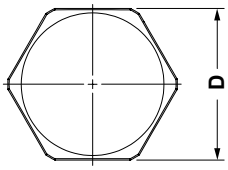
- **Gehäusematerial Material: PA 6** / *Body Material: PA 6*
- **Material: PA 6 V0 auf Anfrage** / *Material PA 6 V0 (UL94) available by request*
- **Membranmaterial** / *Membrane material: Acriliyc co-polimer on PA support*
- **Unterlegscheibenmaterial** / *Washer material: NBR-EPDM*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Schutzart** / *Protection grade: IP68*
- **Drehmomentwert**/ *Torque value: 0,5 -1,0 Nm*
- **Temperaturbereich** / *Working temperature:* **-20°C ~ +100°C**
- **Entflammbarkeit** / *Flammability:* **V2 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**Farbe** Colour	**Bohrung** *Hole*	**Durchschnittlicher Luftstrom L/h** *Average Air Flow l/h*	**Wassereintrittspunkt** *Water intrusion*	**VPE-Stckz.** *Moq-Pcs*
8257AA117035SL	M12	10,0	19,0	RAL 7035	Ø 12,3	16 *l/h*	0,8 Bar	100
8257AA117035HL	M12	10,0	19,0	RAL 7035	Ø 12,3	150 *l/h*	0,2 Bar	100
8257AA117035UHL	M12	10,0	19,0	RAL 7035	Ø 12,3	300 *l/h*	0,1 Bar	100
8257AA019005SL	M12	10,0	19,0	RAL 9005	Ø 12,3	16 *l/h*	0,8 Bar	100
8257AA019005HL	M12	10,0	19,0	RAL 9005	Ø 12,3	150 *l/h*	0,2 Bar	100
8257AA019005UHL	M12	10,0	19,0	RAL 9005	Ø 12,3	300 l/h	0,1 Bar	100

DRUCKAUSGLEICHSELEMENT
METRIC VENTING PLUG







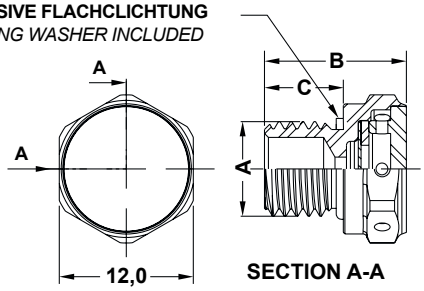
- **Gehäusematerial Material: PA 6** / *Body Material: PA 6*
- **O-Ring** / *O-ring: Nitrile NBR*
- **Membranmaterial** / *Membrane material: Polyether sulphone PES*
- **Entflammbarkeit** / *Flammability:* **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Schutzart** / *Protection grade: IP66 / IP68 - 0,6 bar (60 min.) / IP69*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N* RAL 7035	**ARTIKEL** *P/N* RAL 9005	**A**	**B**	**C**	**D**	**Durchschnittlicher Luftstrom L/h** *Average Air Flow l/h*	**Wassereintrittspunkt** *Water intrusion mbar*	**VPE-Stckz.** *Moq-Pcs*
15146AR117035	**15146AR019005**	M12	13,8	6,0	17,0	10 l/h	0,83 Bar	100
15143AR117035	**15143AR019005**	M12	17,8	10,0	17,0	30 l/h	0,83 Bar	100
15144AR117035	**15144AR019005**	M20	21,6	10,0	27,0	170 l/h	0,83 Bar	10
15145AR117035	**15145AR019005**	M40	35,6	18,0	50,0	10 l/h	0,83 Bar	5

LÜFTUNGSSTOPFEN - METALL IP68
VENTILATION PLUGS – METAL IP68



INKLUSIVE FLACHCLICHTUNG
SEALING WASHER INCLUDED



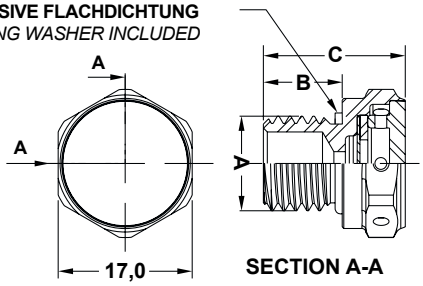
- **Material Kappe und Gehäuse: siehe Tabelle /** *Cap & body material: see Table*
- **O-Ring /** *O-Ring: Nitrile NBR*
- **Membranmaterial Acriliyc Co-Polimer auf PA-Unterstützung/** *Membrane material: Polyether sulphone PES*
- **Unterlegscheibenmaterial /** *Washer material: NBR-EPDM*
- **Temperaturbereich /** *Working temperature:* **-20°C ~ +100°C**
- **Schutzart /** *Protection grade: IP68*
- **Metrisches auf EN60423/** *Metric according EN 60423*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N* **Messing vernickelt** *Brass nickel plated*	**ARTIKEL** *P/N* **Edelstahl** *Stainlees Steel*	**A**	**B**	**C**	**Gewinde** *Thread*	**Bohrung** *Hole*	**Durchschnittlicher Luftstrom L/h** *Average Air Flow l/h*	**Wassereintrittspunkt** *Water intrusion mbar*	**VPE-Stckz.** *Moq-Pcs*
13264MA92UH	**13264MD90UH**	M4x0,70	10,0	3,0	4,0	4,2	105 l/h	0,1 Bar	100
13265MA92UH	**13265MD90UH**	M8x1,25	13,0	6,0	8,0	8,2	105 l/h	0,1 Bar	100
13266MA92UH	**13266MD90UH**	M10x1,5	13,0	6,0	10,0	10,2	105 l /h	0,1 Bar	100





INKLUSIVE FLACHDICHTUNG
SEALING WASHER INCLUDED

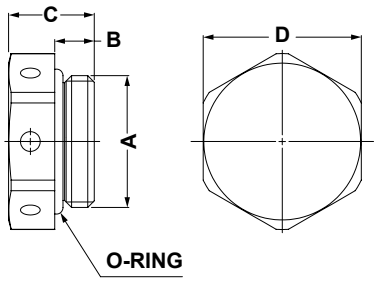


- **Material Gehäuse: siehe Tabelle /** *body material: see Table*
- **Membranmaterial Acriliyc Co-Polimer auf PA-Unterstützung/** *Membrane material: Polyether sulphone PES*
- **Flachdichtung /** *Sealing washer material: NBR-EPDM*
- **Temperaturbereich /** *Working temperature:* **-20°C ~ +100°C**
- **Drehmomentwert/** *Torque value: 1,0 -1,5 Nm*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N* **Messing vernickelt** *Brass nickel plated*	**ARTIKEL** *P/N* **Edelstahl** *Stainlees Steel*	**A**	**B**	**C**	**Bohrung** *Hole*	**Durchschnittlicher Luftstrom L/h** *Average Air Flow l/h*	**Wasserreinbruch** *Water intrusion mbar*	**VPE-Stckz.** *Moq-Pcs*
7580MA92SL	**7580MD90SL**	M12	10,0	18,0	Ø 12,3	16 l/h	0,8 Bar	100
7580MA92HL	**7580MD90HL**	M12	10,0	18,0	Ø 12,3	150 l/h	0,2 Bar	100
7580MA92UHL	**7580MD90UHL**	M12	10,0	18,0	Ø 12,3	300 l/h	0,1 Bar	100

DRUCKAUSGLEICHSELEMENT
METRIC - STAINLESS STEEL VENTING ELEMENT





- **Gehäusematerial Material: Edelstahl** / *Body Material: Stainless Steel*
- **O-ring** / *O-Ring: Nitrile NBR*
- **Membranmaterial** / *Membrane material: Polyether sulphone PES*
- **Schutzart** / *Protection grade: IP66 / IP68 - 0,6 bar (60 min.) / IP69*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
15147MD90	M12 x 1,5	6,0	13,0	17,0		25
15148MD90	M20 x 1,5	6,0	13,0	24,0		10
15149MD90	M40 x 1,5	8,0	18,0	45,0		5

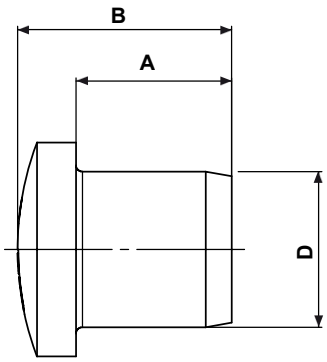
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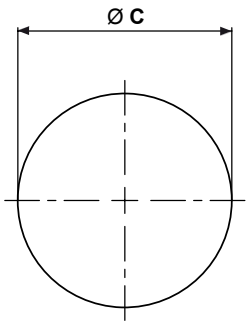
RAL 7035



RAL 9005







- **Material PA 6 30% CV** / *material: PA 6 30% CV*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Farbe RAL 7001 auf speziel Anfrage** / *On special request RAL 7001*
- **Entflammbarkeit** / *Flammability:* **HB (UL94)**
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

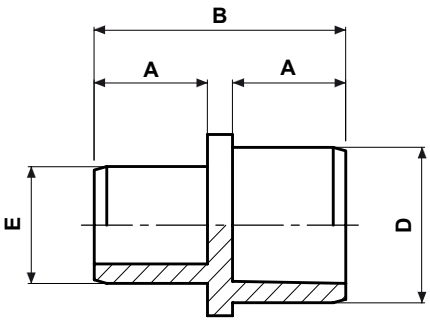
ARTIKEL *P/N* RAL 7035	**ARTIKEL** *P/N* RAL 9005	A	B	C	D	VPE-Stckz. *Moq-Pcs*
8889BB117035	**8889BB019005**	9,0	12,5	10,0	5,5	50
8890BB117035	**8890BB019005**	12,0	16,0	13,5	9,5	50
8891BB117035	**8891BB019005**	12,0	16,5	16,5	12,0	50
8892BB117035	**8892BB019005**	15,0	19,5	20,5	16,0	50
8893BB117035	-	17,0	21,5	24,5	20,0	25
8894BB117035	-	20,0	24,0	32,0	27,0	10
8895BB117035	-	25,0	29,0	39,0	35,0	5
8896BB117035	-	25,0	29,0	52,0	42,0	5

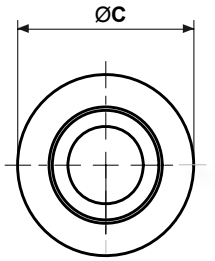
RAL 7035



RAL 9005







- **Material PA 6 30% CV** / *material: PA 6 30% CV*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Farbe RAL 7001 auf anfrage** / *On special request RAL 7001*
- **Entflammbarkeit** / *Flammability:* **HB (UL94)**
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

Der Blindstopfen ist so zu wählen, dass D&E maximal 1,0mm kleiner ist als der max Ø der Kabelverschraubung.
Choose the corresponding blanking plug so, that D or E is at most 1,0 mm smaller than cable diameter.

ARTIKEL *P/N* RAL 7035	**ARTIKEL** *P/N* RAL 9005	**A**	**B**	**C**	**D**	**E**	**VPE-Stckz.** *Moq-Pcs*
8897BB117035	**-**	6,0	14,0	8,5	6,5	5,0	50
8898BB117035	**8898BB019005**	7,0	16,0	10,0	8,0	6,0	50
8899BB117035	**8899BB019005**	8,0	18,0	12,0	10,0	7,0	50
8900BB117035	**8900BB019005**	9,0	20,0	14,0	12,0	9,0	50
8901BB117035	**-**	10,0	22,5	16,0	14,0	12,0	50
8902BB117035	**-**	12,0	26,5	20,0	18,0	16,0	25
8903BB117035	**-**	14,0	30,5	28,0	25,0	20,0	10
8896BB117035	**-**	25,0	29,0	52,0	42,0		5

20



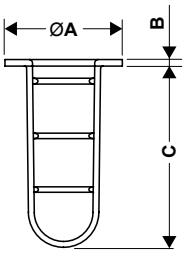
fastpoint

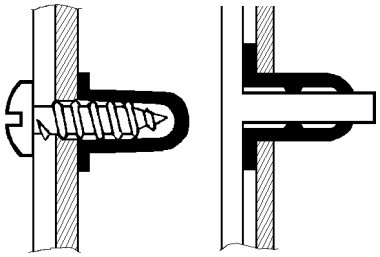
Isolier Abstandsvollen Buchsen | *Bushings*

ABDECK-BUCHSEN
COVER-BUSHINGS

TYPE 1



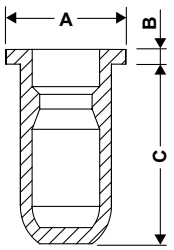




MONTAGE / *ASSEMBLY*

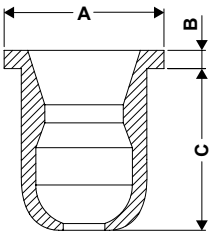
TYPE 2





TYPE 3





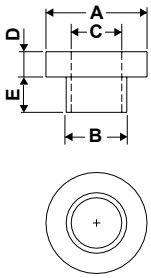
- **Material: PE-LD** / *Material: PE-LD*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Gewinde Ø *Thread Ø*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
0184EA00	1	10,0	0,5	15,5	Ø 6,5	0,5 min.	-	**Natur** / *Natural*	2.500
0955EA00	2	8,0	1,0	12	Ø 6,0	1,0 - 2,0	Ø 4 - 4,5	**Natur** / *Natural*	2.500
0938EA01	3	8,0	1,0	8,5	Ø 6,0	3,0 max.	Ø 3,0	**Schwarz** / *Black*	2.500

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ISOLIERBUCHSEN
ISOLATION-BUSHINGS





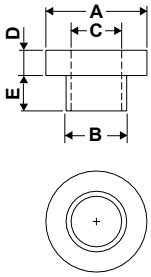
- **Material:**
  - **AA=** PA 6.6
  - **AB/BB=** PA 6.6 25% GF
  - **NC=** PC
  - **EA=** PE-LD

  Farbe:
- **- 00: Natur** / *Natural*
  - **01: Schwarz** / *Black*
  - **02: Weiß** / *White*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Material*	VPE-Stckz. *Moq-Pcs*
0735BB00	10,5	**2,3**	1,4	2,5	7,0		1.000
2822BB00	6,4	**3,6**	2,9	1,2	1,2		1.000
2823BB00	6,4	**3,6**	2,9	1,2	2,3		1.000
2824BB00	6,4	**3,6**	2,9	1,2	4,0		1.000
0749BB00	13,8	**5,0**	3,3	2,5	7,0		1.000
2829EA00	9,0	**6,0**	5,0	2,0	5,0		1.000
4761AA00	11,7	**6,2**	4,2	2,9	12,4		1.000
3065NC02	9,2	**6,4**	4,1	1,25	1,25		1.000
3993AB01	11,0	**6,8**	4,1	2,0	8,0		1.000
3994AB02	11,0	**6,8**	4,1	2,0	14,0		1.000
2828BB02	11,0	**7,0**	5,0	1,5	4,5		1.000
0752BB01	13,8	**7,5**	5,8	2,5	7,0		1.000
3997AB01	11,0	**7,5**	4,1	2,0	8,0		1.000
3998AB01	11,0	**7,5**	4,1	2,0	14,0		1.000
3999AB01	11,0	**7,5**	4,1	2,0	19,0		1.000
0739BB01	16,9	**8,2**	6,5	3,0	6,5		1.000
0740AB00	19,7	**9,8**	8,2	2,5	8,0		1.000
0747AB00	28,0	**17,5**	10,5	4,5	4,5		1.000
0748EA00	29,5	**27,5**	25,0	1,0	6,0		1.000
2787AA00	10,0	**6,2**	5,3	1,0	1,0		1.000
2788AA00	10,0	**6,2**	5,3	1,0	2,0		1.000
2789AA00	10,0	**6,2**	5,3	1,0	3,0		1.000
2790AA00	10,0	**6,2**	5,3	1,0	4,0		1.000
2791EA00	10,0	**6,2**	5,3	1,0	5,0		1.000
2792AA00	10,0	**6,2**	5,3	1,0	6,0		1.000
2793EA00	10,0	**6,2**	5,3	1,0	7,0		1.000
2797BB00	10,0	**6,2**	5,3	2,0	2,0		1.000
2798AA01	10,0	**6,2**	5,3	2,0	3,0		1.000
2799AA01	10,0	**6,2**	5,3	2,0	4,0		1.000
2800AB01	10,0	**6,2**	5,3	2,0	5,0		1.000
2801BB00	10,0	**6,2**	5,3	2,0	6,0		1.000

ISOLIERBUCHSEN
ISOLATION-BUSHINGS





- **Material:**
  - **AA=** PA 6.6
  - **AB/BB=** PA 6.6 25% GF
  - **NC=** PC
  - **EA=** PE-LD

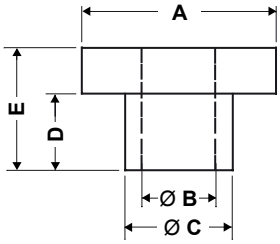
  Farbe:
- **- 00: Natur /** *Natural*
  - **- 01: Schwarz /** *Black*
  - **- 02: Weiß /** *White*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Material*	VPE-Stckz. *Moq-Pcs*
2804EA00	10,0	**6,2**	5,3	3,0	1,0		1.000
2805AB00	10,0	**6,2**	5,3	3,0	2,0		1.000
2806AB01	10,0	**6,2**	5,3	3,0	3,0		1.000
2807AB00	10,0	**6,2**	5,3	3,0	4,0		1.000
2808EA00	10,0	**6,2**	5,3	3,0	5,0		1.000
2810EA00	10,0	**6,2**	5,3	3,0	7,0		1.000
2812BB00	10,0	**6,2**	5,3	4,0	2,0		1.000
2816EA00	10,0	**6,2**	5,3	4,0	6,0		1.000
2818BB00	10,0	**6,2**	5,3	5,0	2,0		1.000
2820EA00	10,0	**6,2**	5,3	5,0	4,0		1.000
2821EA00	10,0	**6,2**	5,3	5,0	5,0		1.000
2840AB01	20,0	**9,8**	6,3	1,0	1,0		1.000
2841AB01	20,0	**9,8**	6,3	1,0	2,0		1.000
2843AB01	20,0	**9,8**	6,3	1,0	3,0		1.000
2844BB01	20,0	**9,8**	6,3	2,0	2,0		1.000
2846AB01	20,0	**9,8**	6,3	1,0	4,0		1.000
2847AB01	20,0	**9,8**	6,3	2,0	3,0		1.000
2848AB00	20,0	**9,8**	6,3	3,0	2,0		1.000
2850BB01	20,0	**9,8**	6,3	2,0	4,0		1.000
2851AB01	20,0	**9,8**	6,3	3,0	3,0		1.000
2852AB01	20,0	**9,8**	6,3	1,0	6,0		1.000
2853AB01	20,0	**9,8**	6,3	2,0	5,0		1.000
2854AB00	20,0	**9,8**	6,3	3,0	4,0		1.000
2855AB00	20,0	**9,8**	6,3	1,0	7,0		1.000
2857BB00	20,0	**9,8**	6,3	3,0	5,0		1.000
2861AB01	20,0	**9,8**	6,3	1,0	9,0		1.000
2863AB01	20,0	**9,8**	6,3	3,0	7,0		1.000
2864AB01	20,0	**9,8**	6,3	1,0	10,0		1.000
2867AB01	20,0	**9,8**	6,3	1,0	11,0		1.000
2869AB01	20,0	**9,8**	6,3	3,0	9,0		1.000
3086AB01	20,0	**9,8**	6,3	4,0	8,0		1.000

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ISOLIERBUCHSEN
ISOLATION-BUSHINGS



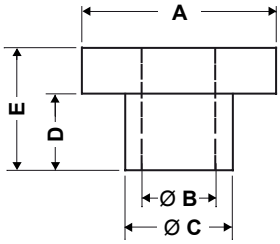


- **Material: PA 6.6 25 %** / *Material: PA 6.6 25% GV*
- **Temperaturbereich** / *Working temperature: - 30° bis + 110°*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10145BB01	8,0	2,1	4,5	4,5	5,5	500
10146BB01	5,0	2,2	4,2	4,0	5,0	500
10147BB01	6,0	2,5	3,0	3,5	5,0	500
10148BB01	6,0	2,6	3,5	1,3	2,3	500
10149BB01	7,0	2,6	3,5	4,0	6,0	500
10150BB01	8,0	2,6	4,5	1,6	4,2	500
10151BB01	8,0	2,6	4,8	1,1	2,1	500
10152BB01	10,0	2,6	3,1	8,0	9,0	500
10153BB01	5,0	2,7	3,15	1,4	2,4	500
10154BB01	5,0	2,7	3,15	1,9	1,9	500
10155BB01	10,0	2,9	3,4	8,0	9,0	500
10156BB01	5,5	3,0	3,5	2,5	3,5	500
10157BB01	5,9	3,0	3,5	0,6	1,8	500
10158BB01	5,9	3,0	3,5	0,6	2,6	500
10159BB01	5,9	3,0	3,5	1,2	2,5	500
10160BB01	6,5	3,0	3,6	2,5	4,5	500
10161BB01	6,5	3,0	3,6	2,5	3,5	500
10162BB01	8,0	3,0	3,6	1,5	4,5	500
10163BB01	6,0	3,1	3,5	1,3	2,3	500
10164BB01	6,0	3,1	3,5	1,1	2,1	500
10165BB01	6,0	3,1	3,5	1,3	3,7	500
10166BB01	6,0	3,1	3,5	2,2	3,2	500
10167BB01	6,0	3,1	3,5	3,0	5,0	500
10168BB01	6,0	3,1	3,5	3,5	6,0	500
10169BB01	6,0	3,1	3,7	3,0	5,0	500
10170BB01	6,0	3,1	3,8	3,3	4,4	500
10171BB01	6,0	3,1	3,8	5,2	6,4	500
10172BB01	6,2	3,1	4,0	2,0	3,0	500

ISOLIERBUCHSEN
ISOLATION-BUSHINGS



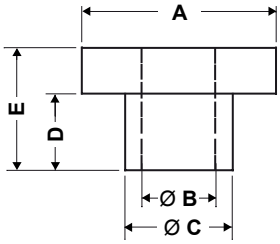


- **Material: PA 6.6 25 %** / *Material: PA 6.6 25% GV*
- **Temperaturbereich** / *Working temperature: - 30° bis + 110°*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe:Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10173BB01	6,2	3,1	4,0	4,0	5,0	500
10174BB01	7,0	3,1	3,5	2,5	3,5	500
10175BB01	7,5	3,1	3,5	2,5	3,5	500
10176BB01	7,5	3,1	3,5	2,5	6,5	500
10177BB01	7,5	3,1	3,5	1,3	2,3	500
10178BB01	7,5	3,1	3,5	2,5	7,5	500
10179BB01	7,5	3,1	3,5	1,3	4,3	500
10180BB01	7,5	3,1	3,9	4,5	6,0	500
10181BB01	7,5	3,1	3,9	3,5	4,5	500
10182BB01	7,5	3,1	3,9	4,0	6,0	500
10183BB01	7,5	3,1	3,9	2,0	4,0	500
10184BB01	7,5	3,1	3,9	3,5	5,5	500
10185BB01	7,6	3,1	6,0	1,0	2,0	500
10186BB01	10,0	3,1	4,1	1,6	3,0	500
10187BB01	10,0	3,1	4,2	8,0	10,0	500
10188BB01	10,0	3,1	4,2	8,0	12,0	500
10189BB01	10,0	3,1	6,4	1,3	2,8	500
10190BB01	7,0	3,5	4,9	7,4	8,2	500
10191BB01	7,0	3,5	5,1	2,2	3,0	500
10192BB01	9,0	3,5	6,3	2,0	4,0	500
10193BB01	9,3	4,0	6,3	1,3	2,5	500
10194BB01	10,0	4,0	4,4	8,0	9,0	500
10195BB01	8,0	4,1	5,0	3,0	7,0	500
10196BB01	8,0	4,1	5,6	6,5	10,5	500
10197BB01	10,0	4,1	5,2	10,0	12,0	500
10198BB01	10,0	4,1	5,2	10,0	14,0	500
10199BB01	10,0	4,1	5,8	20,0	22,0	500
10210BB01	10,0	4,1	7,0	1,0	2,0	500

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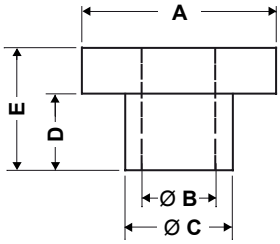


- **Material: PA 6.6 25 %** / *Material: PA 6.6 25% GV*
- **Temperaturbereich** / *Working temperature: - 30° bis + 110°*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10211BB01	12,0	4,1	5,7	4,2	4,9	500
10212BB01	11,9	4,2	7,8	6,3	8,0	500
10213BB01	8,0	4,5	6,0	3,2	4,0	500
10214BB01	15,7	4,5	9,7	1,7	5,7	500
10215BB01	15,7	4,5	9,7	6,5	11,5	500
10216BB01	15,7	4,5	9,7	8,0	13,0	500
10217BB01	11,0	5,0	6,4	3,8	4,4	500
10218BB01	14,0	5,0	7,5	2,3	3,0	500
10219BB01	10,1	5,1	6,3	2,2	3,0	500
10220BB01	12,0	5,1	5,5	2,0	3,0	500
10221BB01	12,0	5,1	5,5	4,0	5,0	500
10222BB01	12,0	5,1	6,4	15,0	16,0	500
10223BB01	12,0	5,1	6,4	15,0	17,0	500
10224BB01	10,0	5,2	6,2	1,5	2,5	500
10225BB01	10,0	5,2	6,2	1,5	3,0	500
10226BB01	10,0	5,2	6,2	1,5	4,0	500
10227BB01	12,0	5,2	5,5	3,5	5,0	500
10228BB01	12,0	5,2	6,2	10,0	11,0	500
10229BB01	12,0	5,2	6,4	15,0	20,0	500
10230BB01	12,0	5,2	6,9	8,0	9,0	500
10231BB01	12,0	5,2	6,9	8,0	11,0	500
10232BB01	12,0	5,2	7,0	0,8	2,8	500
10233BB01	10,0	6,1	8,5	3,1	6,0	500
10234BB01	12,0	6,1	7,6	15,0	16,0	500
10235BB01	12,0	6,1	7,6	15,0	17,0	500
10236BB01	12,0	6,1	7,8	15,0	17,0	500
10237BB01	12,0	6,2	6,5	4,0	5,0	500
10172BB01	6,2	3,1	4,0	2,0	3,0	500

ISOLIERBUCHSEN
ISOLATION-BUSHINGS



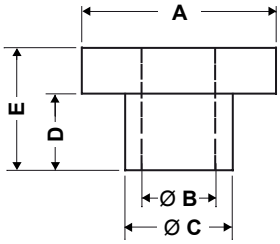


- **Material: PA 6.6 25 %** / *Material: PA 6.6 25% GV*
- **Temperaturbereich** / *Working temperature: - 30° bis + 110°*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10238BB01	12,0	6,2	6,5	4,0	4,5	500
10239BB01	12,0	6,2	7,9	1,0	2,0	500
10240BB01	12,0	6,2	6,5	2,0	3,0	500
10241BB01	12,0	6,2	7,2	10,0	11,0	500
10242BB01	12,0	6,2	7,2	10,0	13,0	500
10243BB01	12,0	6,2	7,8	15,0	16,0	500
10244BB01	12,0	6,2	7,8	15,0	20,0	500
10245BB01	12,0	6,2	7,9	8,0	11,0	500
10246BB01	12,0	6,2	7,9	2,0	4,0	500
10247BB01	16,0	6,4	10,0	2,,3	3,5	500
10248BB01	13,0	6,5	9,6	1,3	1,9	500
10249BB01	25,0	6,5	13,0	6,0	10,5	500
10250BB01	25,0	6,5	13,0	8,5	13,0	500
10251BB01	25,0	6,5	13,0	3,5	8,0	500
10252BB01	14,0	8,1	9,9	16,0	21,0	500
10253BB01	14,0	8,2	10,9	16,0	18,0	500
10254BB01	14,0	8,2	9,9	16,0	18,0	500
10255BB01	14,0	8,2	9,9	18,0	20,0	500
10256BB01	18,0	8,2	9,9	16,0	19,0	500
10257BB01	18,0	8,2	9,9	20,0	23,0	500
10258BB01	19,0	8,2	9,3	1,7	2,5	500
10259BB01	25,0	8,5	12,8	9,0	13,5	500
10260BB01	25,0	8,5	13,0	5,7	10,5	500
10261BB01	25,0	8,5	17,5	3,0	5,5	500
10262BB01	28,0	9,0	9,8	2,0	3,0	500
10263BB01	16,0	10,2	11,0	1,0	2,0	500
10264BB01	16,0	10,2	11,0	2,0	3,0	500
10210BB01	10,0	4,1	7,0	1,0	2,0	500

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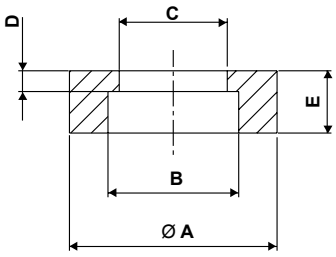


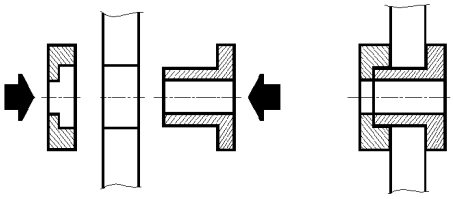
- **Material: PA 6.6 25% /** *Material: PA 6.6 25% GV*
- **Temperaturbereich /** Working temperature**:** *-30°C ~ +110°C*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
10265BB01	28,0	10,2	12,5	2,5	3,7	500
10266BB01	28,0	10,2	17,5	2,5	6,5	500
10267BB01	18,6	10,3	14,0	5,2	7,2	500
10268BB01	21,0	10,4	14,5	32,0	35,0	500
10269BB01	24,1	12,3	17,7	7,0	9,7	500
10270BB01	20,0	12,5	16,0	1,0	2,0	500
10271BB01	21,0	12,5	14,5	32,5	35,5	500

UNTERLEGSCHEIBEN FÜR BUCHSEN
BUSHING WASHERS





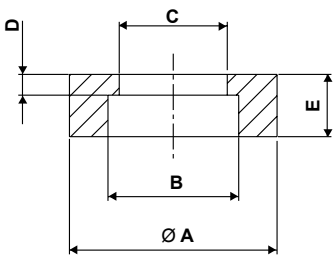


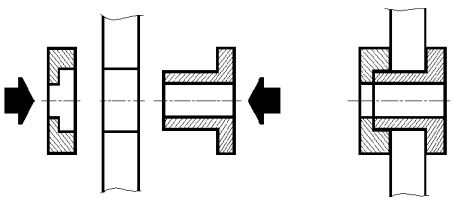
MONTAGE
APPLICATION

- **Material: PA 6.6 25%** / *Material: PA 6.6 25% GV*
- **Temperaturbereich** / Working temperature**: -30°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Natur** / Colour: Natural
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
2830BB00	10,0	**6,2**	5,3	1,0	2,0		1.000
2831BB00	10,0	**6,2**	5,3	1,0	3,0		1.000
2832BB00	10,0	**6,2**	5,3	1,0	4,0		1.000
2833BB00	10,0	**6,2**	5,3	1,0	5,0		1.000
2834BB00	10,0	**6,2**	5,3	2,0	3,0		1.000
2835BB00	10,0	**6,2**	5,3	2,0	4,0		1.000
2836BB00	10,0	**6,2**	5,3	2,0	5,0		1.000
2838BB00	10,0	**6,2**	5,3	3,0	5,0		1.000







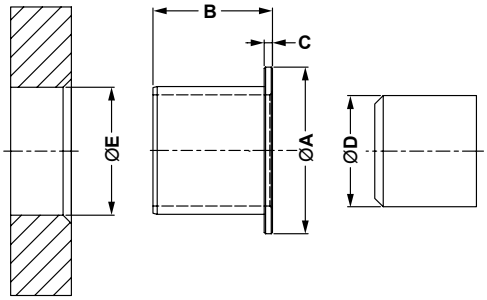
MONTAGE
APPLICATION

- **Material: PA 6.6 25% GF** / *Material: PA 66 25% GF*
- **Temperaturbereich** / Working temperature**: -30°C ~ +110°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / Colour: Black
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
2871AB01	20,0	**9,8**	6,3	1,0	3,0		1.000
2872AB01	20,0	**9,8**	6,3	1,0	4,0		1.000
2873AB01	20,0	**9,8**	6,3	2,0	3,0		1.000
2874AB01	20,0	**9,8**	6,3	2,0	4,0		1.000
2875AB01	20,0	**9,8**	6,3	3,0	4,0		1.000

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- **Material: PA 6.6** */ Material: PA 6.6*
- **Farbe: Natur /** Colour: Natural

- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**ØA**	**B**	**C**	**ØD**	**ØE**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
14901AA00	16,0	7,0	2,0	8,0	11,0		1.000

ANMERKUNGEN - Notes

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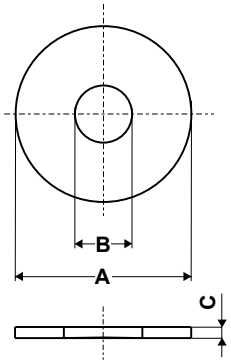
20



fastpoint

Unterlegscheiben und Distanzhalter | *Washers and spacers*



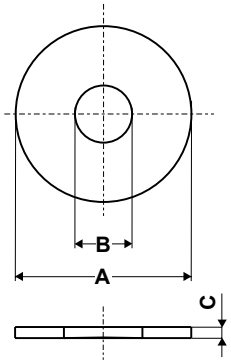


- **Material: PA 6** / *Material: PA 6*
- **Temperaturbereich** / *Working temperature:* **- 30° C bis + 100°**
- **Standardreferenz** / *Standard reference:* *DIN 125/EN ISO 7089/DIN 34815*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	**VPE-Stckz.** *Moq-Pcs*
10446AA00	5,0	2,2	0,3	5.000
10447AA00	6,0	2,5	0,5	5.000
10448AA00	6,0	2,7	0,5	5.000
10449AA00	6,5	2,7	0,5	5.000
10450AA00	7,0	3,2	0,5	5.000
10451AA00	8,0	3,7	0,5	1.000
10452AA00	9,0	4,3	0,8	5.000
10453AA00	10,0	5,3	1,0	5.000
10454AA00	12,0	6,4	1,6	5.000
10455AA00	14,0	7,4	1,6	5.000
10456AA00	16,0	8,4	1,6	5.000
10457AA00	20,0	10,5	2,0	1.000
10458AA00	24,0	13,0	2,5	1.000
10459AA00	28,0	15,0	2,5	1.000
10460AA00	30,0	17,0	3,0	1.000
10461AA00	34,0	19,0	3,0	1.000
10462AA00	37,0	21,0	3,0	1.000
10463AA00	39,0	23,0	3,0	1.000
10464AA00	44,0	25,0	4,0	1.000
10465AA00	50,0	27,0	4,0	1.000
10466AA00	50,0	28,0	4,0	1.000
10467AA00	50,0	29,0	4,0	1.000

UNTERLEGSCHEIBEN DIN 34816 (DIN 9021)
WASHER DIN 34816 (DIN 9021)





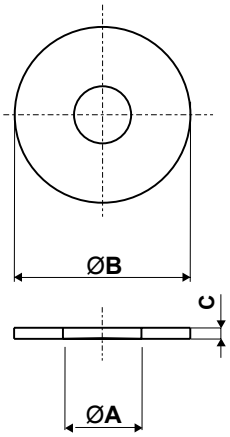
- **Material: PA 6** / *Material: PA 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Standardreferenz** / *Standard reference: DIN 34816 (ex DIN 9021)*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	**VPE-Stckz.** *Moq-Pcs*
10468AA00	8,0	2,7	0,8	5.000
10469AA00	9,0	3,2	0,8	5.000
10470AA00	11,0	3,7	0,8	5.000
10471AA00	12,0	4,3	1,0	5.000
10472AA00	15,0	5,3	1,2	5.000
10473AA00	18,0	6,4	1,6	1.000
10474AA00	24,0	8,4	2,0	1.000
10475AA00	30,0	10,5	2,5	1.000
10476AA00	37,0	13,0	3,0	1.000
10477AA00	44,0	15,0	3,0	1.000
10478AA00	50,0	17,0	3,0	1.000
10479AA00	56,0	20,0	4,0	1.000
10480AA00	60,0	22,0	4,0	1.000

WEICHE PVC-UNTERLEGSCHEIBEN
SOFT PVC WASHERS





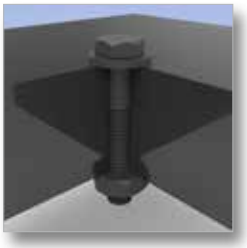


- **Material: Weic-PVC** / *Material: soft PVC*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +50°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

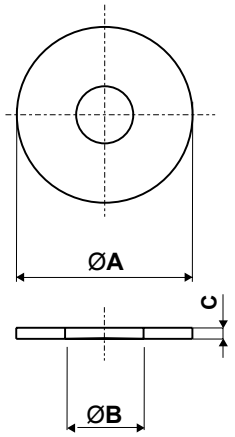
ARTIKEL *P/N*	ØA	ØB	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12986CA00	3,2	7,0	0,5		1.000
12987CA00	4,3	9,0	1,0		1.000
12988CA00	5,3	10,0	1,0		1.000
12989CA00	6,4	12,0	1,5		1.000
8200CA00	6,4	12,5	1,5		1.000
12990CA00	8,4	16,0	1,5		1.000
12991CA00	8,4	17,0	1,5		1.000
12992CA00	10,5	20,0	2,0		1.000
12993CA00	10,5	21,0	2,0		1.000
12994CA00	13,0	24,0	2,0		1.000
12995CA00	15,0	28,0	2,0		1.000
12996CA00	15,0	30,0	3,0		1.000
12997CA00	17,0	30,0	3,0		1.000
12998CA00	19,0	34,0	3,0		1.000
12999CA00	21,0	37,0	3,0		1.000

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UNTERLEGSCHEIBEN NEOPREN
WASHER







- **Material: Neopren** / *Material: Neoprene*
- **Farbe: Schwarz** / *Colour: Black*

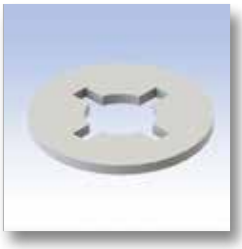
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	ØA	ØB	C	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs.*
14106PN01	7,0	3,2	0,5		1 000
14107PN01	9,0	4,3	1,0		1 000
14108PN01	10,0	5,3	1,0		1 000
12810PN01	12,5	6,4	1,0		1 000
14109PN01	17,0	8,4	1,5		1 000
14110PN01	21,0	10,5	1,5		1 000
14111PN01	24,0	13,0	2,0		1 000
13070PN01	30,0	17,0	2,0		1 000
14112PN01	37,0	21,0	3,0		1 000

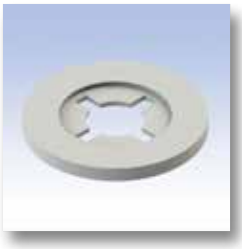
SELBSTHALTENDE UNTERLEGSCHEIBER
SELF RETAINING WASHER

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TYPE 1



TYPE 2

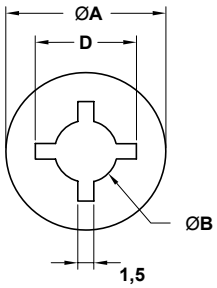


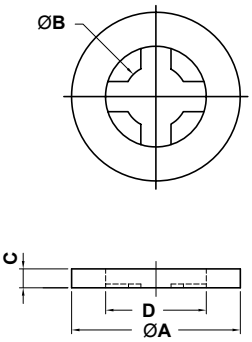
TYPE 3

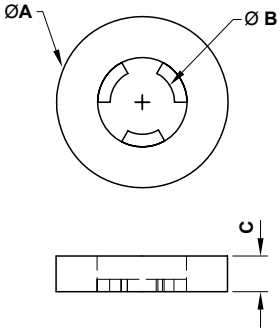


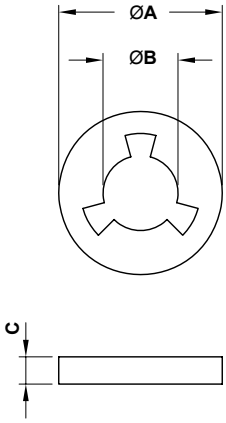
TYPE 4









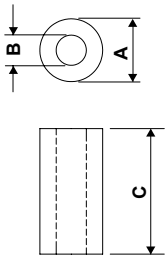


- **Material: siehe Tabelle** / *see Table*
- **Farbe: Natur** / *Colour: Natural*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	Material *Material*	VPE-Stckz. *Moq-Pcs*
12040AA00	1	Ø 15,0	Ø 5,8	0,9	9,5	PA 6.6 V2 (UL94)	2.000
12034AA00	2	Ø 6,7	Ø 2,5	0,8	4,0	PA 6.6 V2 (UL94)	2.000
12036AA00	2	Ø 8,0	Ø 3,3	1,0	5,0	PA 6.6 V2 (UL94)	2.000
12035AA00	2	Ø 6,7	Ø 2,5	1,2	3,5	PA 6.6 V2 (UL94)	2.000
12037AA00	2	Ø 9,9	Ø 3,8	0,8	5,9	PA 6.6 V2 (UL94)	2.000
12038AA00	2	Ø 11,4	Ø 4,6	0,8	7,1	PA 6.6 V2 (UL94)	2.000
12039AA00	2	Ø 15,0	Ø 5,0	0,9	9,5	PA 6.6 V2 (UL94)	2.000
12041AA00	2	Ø 18,0	Ø 5,8	1,5	9,5	PA 6.6 V2 (UL94)	2.000
15245AA00	2	Ø 16,0	Ø 7,0	1,5	11,0	PA 6.6 V2 (UL94)	1.000
12031AA00	3	Ø 4,8	Ø 1,8	1,0	-	PA 6.6 V2 (UL94)	2.000
12032AA00	4	Ø 4,8	Ø 2,2	0,8	-	PA 6 HB (UL94)	2.000
12033AA00	4	Ø 4,8	Ø 2,2	1,0	-	PA 6 V2 (UL94)	2.000

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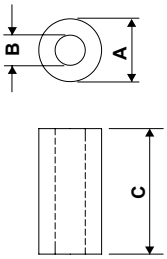


- **Material** / *Material:*
  - **AA= PA 6.6** / *Nylon 6.6*
  - **AB / BB= PA 6.6 25% CV** / *PA6.6 25% GV*
  - **EA= PE-LD** / *LD-PE*
  - **CA = PVC** / *PVC*
- **Farbe** / *Colour:*
  - **00: Natur** / *Natural*
  - **01: Schwarz** / *Black*
  - **02: Weiß** / *White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	**B**	C	**VPE-Stckz.** *Moq-Pcs*
6422AA00	4,2	**1,9**	0,5	2.000
6423AA00	4,5	**2,0**	0,8	2.000
6479AA00	8,8	**2,0**	1,5	2.000
2282CA01	12,0	**2,0**	2,0	1.000
6424AA00	4,5	**2,1**	0,8	2.000
6425AA00	4,5	**2,1**	0,9	2.000
6426AA00	4,5	**2,1**	1,2	2.000
6427AA00	4,5	**2,1**	1,7	2.000
6430AA00	5,0	**2,1**	1,0	2.000
6429AA00	5,0	**2,1**	2,0	2.000
6419AA00	3,7	**2,2**	1,0	2.000
6420AA00	3,7	**2,2**	1,2	2.000
6435AA00	6,0	**2,3**	0,8	2.000
6448AA00	6,35	**2,3**	2,5	2.000
3105AA00	4,5	**2,4**	0,5	1.000
3106AA00	4,5	**2,4**	1,0	1.000
3107AA00	4,5	**2,4**	2,0	1.000
3098AA00	4,5	**2,4**	3,0	1.000
3099AA00	4,5	**2,4**	5,0	1.000
3100BB00	4,5	**2,4**	10	1.000
6421AA00	4,0	**2,5**	0,5	2.000
6428AA00	4,5	**2,5**	0,5	2.000
6431AA00	5,0	**2,5**	1,1	2.000
6436AA00	6,0	**2,5**	0,5	2.000
6481AA00	9,0	**2,5**	1,0	2.000
3111BB00	5,0	**2,7**	0,5	1.000
6437AA00	6,0	**2,7**	3,0	2.000
3112AA00	5,0	**2,7**	1,0	1.000

ARTIKEL *P/N*	A	**B**	C	**VPE-Stckz.** *Moq-Pcs*
3113BB00	5,0	**2,7**	2,0	1.000
3095BB00	5,0	**2,7**	3,0	1.000
3096BB00	5,0	**2,7**	5,0	1.000
3097AA00	5,0	**2,7**	10,0	1.000
6438AA00	6,0	**2,9**	2,35	2.000
6439AA00	6,0	**3,0**	1,5	2.000
6449AA00	6,35	**3,0**	1,27	2.000
6456AA00	7,0	**3,0**	0,8	2.000
6455AA00	7,0	**3,0**	1,0	2.000
2239CA01	10	**3,0**	2,0	1.000
2283CA01	12	**3,0**	2,0	1.000
6432AA00	5,0	**3,1**	1,0	2.000
6440AA00	6,0	**3,1**	0,5	2.000
6441AA00	6,0	**3,1**	2,0	2.000
6442AA00	6,0	**3,1**	3,4	2.000
6457AA00	7,0	**3,1**	0,5	2.000
6461AA00	8,0	**3,1**	0,5	2.000
6462AA00	8,0	**3,1**	0,8	2.000
6463AA00	8,0	**3,1**	1,0	2.000
6464AA00	8,0	**3,1**	1,5	2.000
6465AA00	8,0	**3,1**	2,0	2.000
0596AA00	7,0	**3,1**	4,0	1.000
0597AA00	7,0	**3,1**	5,0	1.000
6433AA00	5,0	**3,2**	0,5	2.000
6443AA00	6,0	**3,2**	1,0	2.000
6297AA00	5,0	**3,2**	2,0	2.000
6298AA00	5,0	**3,2**	2,5	2.000



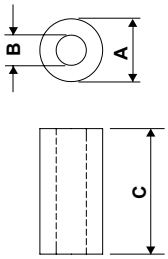


- **Material** / *Material:*
  - **AA= PA 6.6** / *Nylon 6.6*
  - **AB / BB= PA 6.6 25% CV** / *PA6.6 25% GV*
  - **EA= PE-LD** / *LD-PE*
  - **CA = PVC** / *PVC*
- **Farbe** / *Colour:*
  - **00: Natur** / *Natural*
  - **01: Schwarz** / *Black*
  - **02: Weiß** / *White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	**B**	C	**VPE-Stckz.** *Moq-Pcs*
6299AA00	5,0	**3,2**	3,0	2.000
6300AA00	5,0	**3,2**	3,3	2.000
6301AA00	5,0	**3,2**	3,5	2.000
6302AA00	5,0	**3,2**	4,0	2.000
6303AA00	5,0	**3,2**	4,5	2.000
6304AA00	5,0	**3,2**	5,0	2.000
6305AA00	5,0	**3,2**	5,5	2.000
6306AA00	5,0	**3,2**	6,0	2.000
6307AA00	5,0	**3,2**	7,0	2.000
6308AA00	5,0	**3,2**	7,5	2.000
6309AA00	5,0	**3,2**	8,0	2.000
6310AA00	5,0	**3,2**	9,0	2.000
6311AA00	5,0	**3,2**	9,5	2.000
6312AA00	5,0	**3,2**	10,0	2.000
6313AA00	5,0	**3,2**	10,5	2.000
6314AA00	5,0	**3,2**	11,0	2.000
6315AA00	5,0	**3,2**	12,0	2.000
6316AA00	5,0	**3,2**	13,0	1.000
6317AA00	5,0	**3,2**	13,6	1.000
6318AA00	5,0	**3,2**	14,0	1.000
6319AA00	5,0	**3,2**	15,0	1.000
6320AA00	5,0	**3,2**	15,5	1.000
6321AA00	5,0	**3,2**	16,0	1.000
6322AA00	5,0	**3,2**	16,5	1.000
6323AA00	5,0	**3,2**	16,8	1.000
6324AA00	5,0	**3,2**	17,0	1.000
6325AA00	5,0	**3,2**	17,5	1.000
6326AA00	5,0	**3,2**	18,0	1.000

ARTIKEL *P/N*	A	**B**	C	**VPE-Stckz.** *Moq-Pcs*
6327AA00	5,0	**3,2**	19,0	1.000
6328AA00	5,0	**3,2**	20,0	1.000
6329AA00	5,0	**3,2**	21,0	1.000
6330AA00	5,0	**3,2**	22,0	1.000
6331AA00	5,0	**3,2**	23,0	1.000
6332AA00	5,0	**3,2**	24,0	1.000
6333AA00	5,0	**3,2**	25,0	1.000
6334AA00	5,0	**3,2**	26,0	1.000
6335AA00	5,0	**3,2**	27,0	1.000
6336AA00	5,0	**3,2**	28,0	1.000
6337AA00	5,0	**3,2**	29,0	1.000
6338AA00	5,0	**3,2**	30,0	1.000
0394EC02	11,5	**3,2**	1,2	1.000
0593AA00	7,0	**3,3**	1,0	2.500
0594AA00	7,0	**3,3**	2,0	2.500
0595AA00	7,0	**3,3**	3,0	2.500
4074AB00	10,0	**3,4**	1,0	2.500
6460AA00	7,5	**3,5**	0,5	2.000
6491AA00	11,5	**3,5**	4,0	1.000
0639EA00	14,0	**3,5**	1,0	1.000
0640AB00	14,0	**3,5**	2,0	1.000
0641BB00	14,0	**3,5**	3,0	1.000
0642AB00	14,0	**3,5**	4,0	1.000
0643BB00	14,0	**3,5**	5,0	1.000
13186AA00	6,3	**3,5**	6,4	2.000
6444AA00	6,0	**3,6**	1,7	2.000
6466 AA00	8,0	**3,6**	2,5	2.000
6467AA00	8,0	**3,6**	0,8	1.000



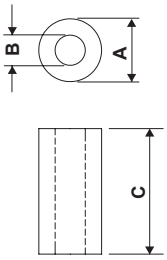


- **Material** / *Material:*
  - **AA= PA 6.6** / *Nylon 6.6*
  - **AB / BB= PA 6.6 25% CV** / *PA6.6 25% GV*
  - **EA= PE-LD** / *LD-PE*
  - **CA = PVC** / *PVC*
- **Farbe** / *Colour:*
  - **00: Natur** / *Natural*
  - **01: Schwarz** / *Black*
  - **02: Weiß** / *White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	**B**	C	**VPE-Stckz.** *Moq-Pcs*
4075AA00	12	**3,6**	1,5	2.500
6459AA00	7,1	**3,7**	0,5	1.000
6434AA00	5,6	**3,7**	0,3	1.000
6445AA00	6,0	**3,8**	1,0	1.000
6446AA00	6,0	**3,8**	1,5	1.000
6451AA00	6,5	**3,8**	0,5	1.000
6452AA00	6,5	**4,0**	1,6	1.000
6453AA00	6,5	**4,0**	2,5	1.000
2240CA01	10,0	**4,0**	2,0	1.000
2284AA00	12,0	**4,0**	2,0	1.000
0412FA01	11,0	**4,0**	10,0	2.500
0656BA01	6,0	**4,0**	5,0	1.000
0657AB01	6,0	**4,0**	10,0	1.000
3093AB01	6,0	**4,0**	12,7	1.000
0658BA01	6,0	**4,0**	15,0	1.000
3094AB01	6,0	**4,0**	19,0	1.000
0659AB02	6,0	**4,0**	20	1.000
0660BA01	6,0	**4,0**	25	1.000
0661BA01	6,0	**4,0**	30	1.000
0672BA01	6,0	**4,0**	35	1.000
6361AA00	8,0	**4,1**	0,5	1.000
6468AA00	8,0	**4,1**	0,8	1.000
6469AA00	8,0	**4,1**	1,0	1.000
6470AA00	8,0	**4,1**	1,5	1.000
6471AA00	8,0	**4,1**	2,0	2.000
6447AA00	6,3	**4,2**	1,5	1.000
6454AA00	6,8	**4,2**	1.0	1.000
0609AA00	10,0	**4,3**	1,0	5.000

ARTIKEL *P/N*	A	**B**	C	**VPE-Stckz.** *Moq-Pcs*
0610AB00	10,0	**4,3**	2,0	1.000
0611AA00	10,0	**4,3**	3,0	2.500
0612AB00	10,0	**4,3**	4,0	1.000
0613AA00	10,0	**4,3**	5,0	2.500
3114AA00	12,0	**4,3**	1,5	1.000
6483AA00	9,6	**4,4**	0,8	1.000
12802AA00	9,5	**4,4**	6,4	1.000
6480AA00	9,0	**4,5**	0,5	1.000
6472AA00	8,0	**4,6**	0,3	1.000
6458AA00	7,0	**5,0**	1,6	2.000
6473AA00	8,0	**5,0**	1,0	2.000
6474AA00	8,0	**5,0**	5,0	1.000
0402AB01	8,0	**5,0**	20	1.000
2241CA01	10,0	**5,0**	2,0	1.000
6492AA00	12,0	**5,0**	2,0	1.000
2285CA01	12,0	**5,0**	2,0	1.000
4124CA01	16,0	**5,0**	3,0	1.000
0614AB01	14,0	**5,0**	1,0	1.000
3110AB00	14,0	**5,0**	1,5	1.000
0615BB00	14,0	**5,0**	2,0	1.000
0616BB00	14,0	**5,0**	3,0	1.000
0617BB00	14,0	**5,0**	4,0	1.000
0618AB01	14,0	**5,0**	5,0	1.000
12801AA00	9,5	**5,0**	6,5	1.000
0397EC01	15,0	**5,0**	1,5	2.500
0654EA00	18,0	**5,0**	2,0	1.000
0401EA01	8,0	**5,0**	3,7	2.500
0416FA01	14,0	**5,0**	3,0	2.500



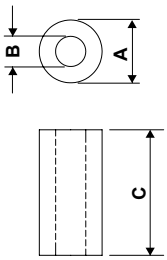


- **Material** / *Material:*
  - **AA= PA 6.6** / *Nylon 6.6*
  - **AB / BB= PA 6.6 25% CV** / *PA6.6 25% GV*
  - **EA= PE-LD** / *LD-PE*
  - **CA = PVC** / *PVC*
- **Farbe** / *Colour:*
  - **00: Natur** / *Natural*
  - **01: Schwarz** / *Black*
  - **02: Weiß** / *White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	**B**	C	**VPE-Stckz.** *Moq-Pcs*
0417FA01	14,0	**5,0**	9,0	2.500
6509AA00	19,5	**5,0**	1,2	1.000
13140AA00	7,0	**5,0**	4,2	1.000
6475AA00	8,0	**5,1**	2,0	1.000
0655AA00	8,0	**5,1**	1,2	1.000
6476AA00	8,0	**5,2**	0,5	1.000
6484AA00	10,0	**5,2**	0,8	1.000
6486AA00	10,0	**5,2**	1,0	1.000
6487AA00	10,0	**5,2**	2,0	1.000
6488AA00	11,0	**5,2**	1,5	1.000
0629AA00	10,0	**5,3**	1,0	2.500
0630BB01	10,0	**5,3**	2,0	1.000
0631BB00	10,0	**5,3**	3,0	1.000
0632EA00	10,0	**5,3**	4,0	1.000
0633AB01	10,0	**5,3**	5,0	1.000
6490AA00	11,3	**5,4**	1,3	1.000
0378EC01	11,0	**5,5**	1,5	2.500
0619BB00	10,0	**6,0**	1,0	1.000
0620BB01	10,0	**6,0**	2,0	1.000
0621BB00	10,0	**6,0**	3,0	1.000
0622EA00	10,0	**6,0**	4,0	1.000
0623BB00	10,0	**6,0**	5,0	1.000
2242CA01	10,0	**6,0**	2,0	1.000
0396EA01	14,0	**6,0**	1,5	2.500
2286CA01	14,0	**6,0**	2,0	1.000
0398EA01	16,0	**6,0**	1,5	2.500
0403EA01	10,0	**6,0**	4,0	2.500
0404EA01	10,0	**6,0**	6,0	2.500

ARTIKEL *P/N*	A	**B**	C	**VPE-Stckz.** *Moq-Pcs*
0405FA01	10,0	**6,0**	9,0	2.500
0406EA01	10,0	**6,0**	10,0	2.500
0407EA01	10,0	**6,0**	12,0	2.500
0408EA01	10,0	**6,0**	14,0	2.500
0409EA01	10,0	**6,0**	15,0	2.500
0410EA01	10,0	**6,0**	17,0	2.500
0411FA01	10,0	**6,0**	19,0	2.500
0419FA01	17,0	**6,0**	10,0	2.500
6515AA00	30,0	**6,0**	1,5	1.000
4090AB01	10,0	**6,1**	5,0	1.000
4091AB01	10,0	**6,1**	10,0	1.000
4092AB01	10,0	**6,1**	15,0	1.000
4093BB01	10,0	**6,1**	20,0	1.000
4094BB01	10,0	**6,1**	25,0	1.000
4095 AB01	10,0	**6,1**	30,0	1.000
4096BB01	10,0	**6,1**	35,0	1.000
4097BB01	10,0	**6,1**	40,0	1.000
4098AB01	10,0	**6,1**	45,0	1.000
3108EA01	29,0	**6,2**	0,8	1.000
3109EA01	29,0	**6,2**	1,8	1.000
0415EA01	13,0	**6,3**	3,5	2.500
0701AB01	20,0	**6,3**	1,0	1.000
0702BB01	20,0	**6,3**	2,0	1.000
0703BB00	20,0	**6,3**	3,0	1.000
0704BB01	20,0	**6,3**	4,0	1.000
6485AA00	10,0	**6,4**	2,8	1.000
0598AA00	12,0	**6,4**	1,0	2.500
6493AA00	12,0	**6,4**	1,4	1.000





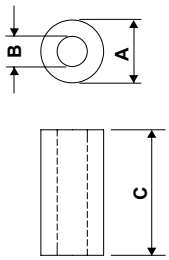
- **Material** / *Material:*
  - **AA= PA 6.6** / *Nylon 6.6*
  - **AB / BB= PA 6.6 25% CV** / *PA6.6 25% GV*
  - **EA= PE-LD** / *LD-PE*
  - **CA = PVC** / *PVC*
- **Farbe** / *Colour:*
  - **00: Natur** / *Natural*
  - **01: Schwarz** / *Black*
  - **02: Weiß** / *White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	**B**	C	**VPE-Stckz.** *Moq-Pcs*
6497AA00	12,8	**6,4**	0,8	1.000
0599EA00	12,0	**6,4**	2,0	1.000
0600BB01	12,0	**6,4**	3,0	1.000
0601AB01	12,0	**6,4**	4,0	1.000
0602BB02	12,0	**6,4**	5,0	1.000
0603AA01	12,0	**6,4**	10,0	2.500
4077AB01	14,0	**6,4**	1,0	1.000
4078AA01	14,0	**6,4**	2,0	1.000
4079BB01	14,0	**6,4**	3,0	1.000
4080AA00	17,0	**6,4**	1,0	1.000
6494AA00	12,7	**6,48**	1,5	1.000
6495AA00	12,7	**6,48**	2,0	1.000
0418EA01	14,0	**6,5**	7,0	2.500
6482AA00	9,0	**6,7**	2,0	2.000
2243CA01	10,0	**7,0**	2,0	1.000
6489AA00	11,0	**7,0**	0,8	1.000
2287CA01	12,0	**7,0**	2,0	1.000
0604AB00	14,0	**7,0**	1,0	1.000
0605BB00	14,0	**7,0**	2,0	1.000
0606AB00	14,0	**7,0**	3,0	1.000
0607BB00	14,0	**7,0**	4,0	1.000
0608AB01	14,0	**7,0**	5,0	1.000
2236CA01	15,5	**7,0**	4,0	1.000
2237CA01	15,5	**7,0**	5,0	1.000
6499AA00	15,0	**7,1**	1,0	1.000
6502AA00	15,8	**7,1**	1,5	1.000
3104AB01	20,0	**7,2**	2,0	1.000
0413FA01	11,5	**7,5**	5,0	2.500

ARTIKEL *P/N*	A	**B**	C	**VPE-Stckz.** *Moq-Pcs*
6496AA00	12,7	**7,9**	1,57	1.000
2244CA01	10,0	**8,0**	2,0	1.000
2288CA01	12,0	**8,0**	2,0	5.000
0624AB01	14,0	**8,0**	1,0	1.000
0625BB00	14,0	**8,0**	2,0	1.000
0626EA00	14,0	**8,0**	3,0	1.000
0627EA00	14,0	**8,0**	4,0	1.000
0628BB00	14,0	**8,0**	5,0	1.000
6514AA00	24,0	**8,0**	3,0	1.000
4099AB01	13,0	**8,1**	5,0	1.000
4100AB01	13,0	**8,1**	10,0	1.000
4101AB01	13,0	**8,1**	15,0	1.000
4103AB01	13,0	**8,1**	25,0	1.000
4104AB01	13,0	**8,1**	30,0	1.000
4105AB01	13,0	**8,1**	35,0	1.000
4106AB01	13,0	**8,1**	40,0	1.000
6506AA00	18,0	**8,2**	1,0	1.000
0644AA00	17,0	**8,4**	1,0	2.500
0645AB00	17,0	**8,4**	2,0	1.000
0646AB00	17,0	**8,4**	3,0	1.000
0647AB00	17,0	**8,4**	4,0	1.000
0648AB00	17,0	**8,4**	5,0	1.000
0400EA01	24,0	**8,5**	2,0	2.500
0414FA01	12,0	**8,5**	6,0	2.500
2903AB01	18,0	**9,0**	1,0	1.000
2905EA00	18,0	**9,0**	3,0	1.000
2914AB01	18,0	**9,0**	5,0	1.000
2915AB01	18,0	**9,0**	6,0	1.000

DISTANZROLLEN
ROUND SPACERS





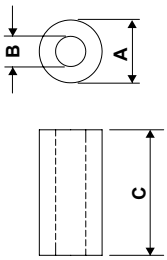
- **Material** / *Material:*
  - **AA= PA 6.6** / *Nylon 6.6*
  - **AB / BB= PA 6.6 25% CV** / *PA6.6 25% GV*
  - **EA= PE-LD** / *LD-PE*
  - **CA = PVC** / *PVC*
- **Farbe** / *Colour:*
  - **00: Natur** / *Natural*
  - **01: Schwarz** / *Black*
  - **02: Weiß** / *White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
2916AB01	18,0	**9,0**	7,0	1.000
2917EA01	18,0	**9,0**	8,0	1.000
5627AA00	15,0	**9,2**	1,0	1.000
6503AA00	16,0	**10,0**	0,8	1.000
6504AA00	16,0	**10,0**	1,5	1.000
6511AA00	20,7	**10,0**	3,0	1.000
3101AB02	15,0	**10,0**	1,0	1.000
3102AB02	15,0	**10,0**	2,0	1.000
3103AB02	15,0	**10,0**	3,0	1.000
2275CA01	21,0	**10,0**	1,0	1.000
0399EA01	22,0	**10,0**	2,0	2.500
6501AA00	15,0	**10,3**	5,0	1.000
0653EA00	14,0	**10,5**	1,5	1.000
0662BA01	15,0	**10,5**	5,0	1.000
3089BB01	15,0	**10,5**	8,0	1.000
0663BB01	15,0	**10,5**	10,0	1.000
0664AB01	15,0	**10,5**	15,0	1.000
3090BB01	15,0	**10,5**	18,0	1.000
0665AB00	15,0	**10,5**	20,0	1.000
0634BB00	17,0	**10,5**	1,0	1.000
0635AB02	17,0	**10,5**	2,0	1.000
0636AB02	17,0	**10,5**	3,0	1.000
0637AB01	17,0	**10,5**	4,0	1.000
0638EA00	17,0	**10,5**	5,0	1.000
0649AB01	20,0	**10,5**	1,0	1.000
0650AB00	20,0	**10,5**	2,0	1.000
0651AB00	20,0	**10,5**	5,0	1.000
0652BB01	20,0	**10,5**	10,0	1.000

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
3088NA01	14,5	**10,5**	45	1.000
6507AA00	19,0	**11,0**	1,6	1.000
2276CA01	21,0	**11,0**	1,0	1.000
6505AA00	16,0	**11,4**	3,2	1.000
6498AA00	14,7	**11,5**	1,0	1.000
2270AA01	24,0	**12,0**	2,0	1.000
2906EA00	18,0	**13,0**	1,0	1.000
2907EA00	18,0	**13,0**	2,0	1.000
2908EA00	18,0	**13,0**	3,0	1.000
2924AB01	18,0	**13,0**	4,0	1.000
2925BB01	18,0	**13,0**	5,0	1.000
2928EA00	18,0	**13,0**	8,0	1.000
2278CA01	21,0	**13,0**	1,0	1.000
6513AA00	23,0	**13,0**	2,0	1.000
2279CA01	21,0	**14,0**	1,0	1.000
2272AA01	24,0	**14,0**	2,0	1.000
6508AA00	19,0	**14,3**	3,2	1.000
2280CA01	21,0	**15,0**	1,0	1.000
2273CA01	24,0	**15,0**	2,0	1.000
2909EA00	18,0	**16,0**	1,0	1.000
2910AB01	18,0	**16,0**	2,0	1.000
2911EA00	18,0	**16,0**	3,0	1.000
2919AB02	18,0	**16,0**	4,0	1.000
2920BB01	18,0	**16,0**	5,0	1.000
2923AB01	18,0	**16,0**	8,0	1.000
2281CA01	21,0	**16,0**	1,0	1.000
2274AA00	24,0	**16,0**	2,0	1.000
6510AA00	20,2	**17,8**	1,3	1.000

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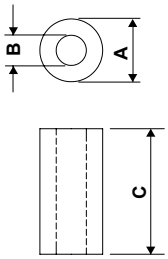




- **Material** / *Material:*
  - **AA= PA 6.6** / *Nylon 6.6*
  - **AB / BB= PA 6.6 25% CV** / *PA6.6 25% GV*
  - **EA= PE-LD** / *LD-PE*
  - **CA = PVC** / *PVC*
- **Farbe** / *Colour:*
  - **00: Natur** / *Natural*
  - **01: Schwarz** / *Black*
  - **02: Weiß** / *White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
2918AB01	28,0	**18,2**	4,5		1.000
6512AA00	21,8	**19,1**	0,5		1.000
2249CA01	24,0	**20,0**	2,0		1.000
2912AA00	25,0	**21,0**	2,0		1.000
2245CA00	30,0	**26,0**	2,0		1.000
6516AA00	45,5	**40,0**	1,5		1.000





- **Material: PA 6.6 /** *Material: PA 6.6*
- **Farbe: Natur /** *Colour: Natural*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Alle Maße sind in mm** */ All dimensions are in mm*

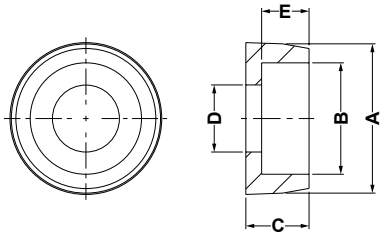
ARTIKEL *P/N*	**A**	**B**	**C**	**VPE-Stckz.** *Moq-Pcs*
6562AA00	3,7	**2,2**	2 / 2,5 / 3 / 3,2 / 4 /4,3 / 5 / 5,3 / 6 / 7 / 8 / 9 / 9,5 /10 / 11 / 12 / 13 / 14 / 15 /16	2.000
6563AA00	4,5	**2,6**	2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13/ 14 / 15 / 16	2.000
6417AA00	6,3	**3,5**	2 / 3 / 3,5 / 4 / 4,5 / 5 / 6 / 7 / 7,5 / 8 / 9 / 9,5 / 10 / 11 / 12 / 13 / 14 / 15 / 15,5 / 16 / 17 / 17,7 / 18 / 19 / 20	2.000
6418AA00	6,3	**3,7**	21 / 22 / 23 / 24 / 25 / 26 / 27 / 28 / 29 / 30 /35	1.000
6564AA00	6,3	**4,2**	2 / 3 / 3,5/ 4 / 5 / 6 / 7 / 7,5 / 8 / 9 / 9,5 / 10 / 11 / 12 / 12,7 / 13 / 14 / 15 / 16 / 17 / 18 / 19 / 20 / 21 / 22 / 23 / 24 / 25 / 26 / 27 / 28 / 28,7 / 29 / 30 / 40	2.000

***Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.**
Bestellbeispiel: 6562AA0002.50 für Unterlegscheibe 6562AA00 mit Höhe 2,5 mm
**Please add the wished lenghts to the final part of the code for your order.*
Order example: 6562AA0002.50 for the 6562AA00 2,5 mm. lenght washer.

***Für andere Größen konsultieren Sie bitte das Sortiment auf den Seiten.**
**For other sizes, please consult the range on pag.*
554 - 556

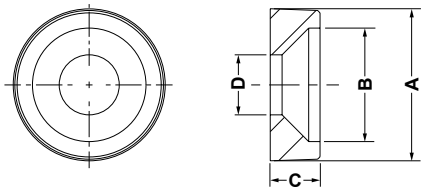
TYPE 1





TYPE 2





- **Material: PA 6.6**/ *Material: PA 6.6*
- **Temperaturbereich** / *Service temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit**/ *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz /** Colour: Black
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	Gewinde *Size*	A	B	C	D	E	VPE-Stckz. *Moq-Pcs*
2882AA01	1	M3	7,8	5,6	3,0	3,2	2,2	1.000
2883AA01	1	M4	9,8	7,2	4,0	4,2	3,0	1.000
2884AA01	1	M5	11,8	8,8	5,0	5,3	3,7	1.000
2885AA01	1	M6	13,9	10,5	6,0	6,3	4,5	1.000
2890AA01	1	-	13,8	12,6	2,6	6,5	1,9	1.000
2886AA01	1	M8	17,9	13,5	8,0	8,4	6,0	1.000
2887AA01	1	M10	21,4	16,2	10,0	10,2	7,2	1.000
2897AA01	2	M3	8,0	6,0	2,6	3,0	-	1.000
2898AA01	2	M4	10,7	8,0	3,5	4,0	-	1.000
2899AA01	2	M5	13,4	10,0	4,4	5,0	-	1.000
2900AA01	2	M6	16,0	12,0	5,2	6,0	-	1.000
2901AA01	2	M8	21,4	16,0	7,0	8,0	-	1.000

ANMERKUNGEN - Notes

fastpoint

20



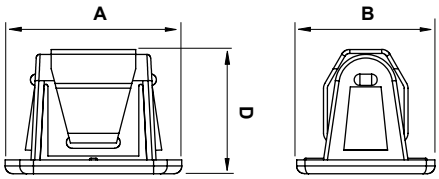
fastpoint

VERRIEGELUNGEN UND VERSCHLÜSSE

Strikes and latches

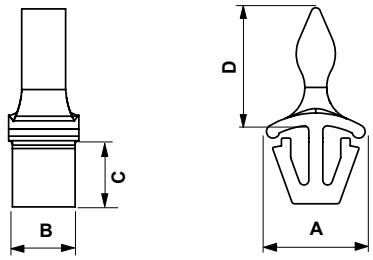
TYPE 1

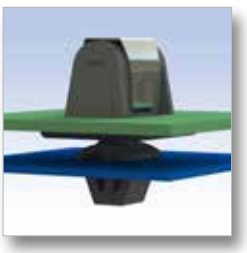




TYPE 2







MONTAGE / *APPLICATION*

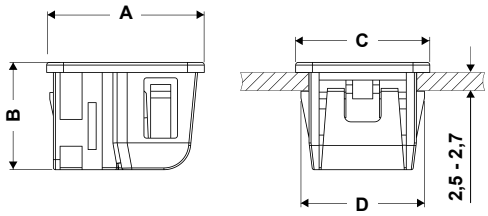
- **Material: Nylon 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **- 30° C bis + 85° C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	D	**Bohrung** *Hole*	**Stärke** *Thickness*	**VPE-Stckz.** *Moq-Pcs*
0191AA01	1	20,0	18,0	-	15,5	⧄ 16,5 x 11,5	1,0 - 1,5	1.000
5589AA01	2	11,0	6,6	5,0	12,5	⧄ 7 x 7	0,5 - 1,5	1.000

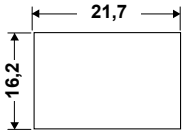
TYPE 1







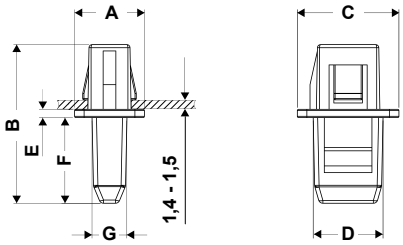
BEFESTIGUNGSLOCH /
MOUNTING HOLE



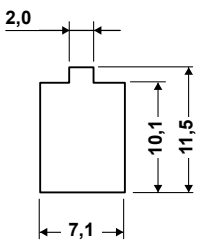
TYPE 2







BEFESTIGUNGSLOCH /
MOUNTING HOLE



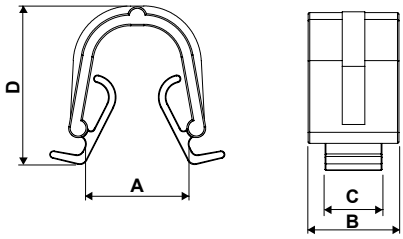
- **Material: siehe Tabelle /** *Material: see Table*
- **Entflammbarkeit: siehe Tabelle /** *UL Flammability: see Table*
- **Farbe: Schwarz /** *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	Material *Material*	VPE-Stckz. *Moq-Pcs*
12047AA01	1	23,5	16,0	20,0	18,4	-	-	-	**PA 66** V2(UL94)	1.000
12048GA01	2	11,0	250	16,0	10,0	1,3	13,5	6,8	**POM** HB(UL94)	1.000

Diese Artikel werden nicht separat geliefert / *These items are not supplied separately*

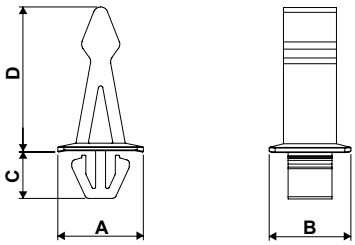
TYPE 1F





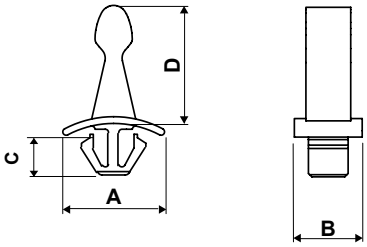
TYPE 1MA





TYPE 1MC





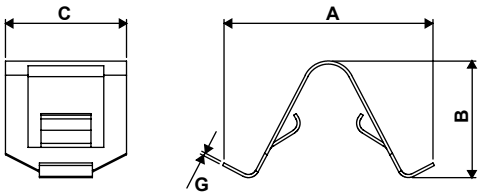


- **Material: PA 6.6** / *Material: PA 6.6*
- **Temperaturbereich** / *Working temperature:* **- 40° C bis + 85° C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	Bohrung *Hole*	Stärke *Thickness*	VPE-Stckz. *Moq-Pcs*
0193AA01	1F	15,0	12,0	7,5	21,0	8,0 x 10,5 / 11,5	0,8 - 1,0	1.000
0194AA01	1MA	11,5	11,0	6,5	18,0	6,0 x 6,0	0,8 - 1,2	1.000
6600AA01	1MC	15,0	10,0	4,5	17,0	6,0 x 6,0	0,8 - 1,2	1.000

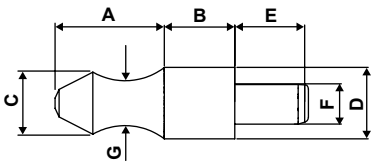
TYPE 1 WEIBLICH / *FEMALE*





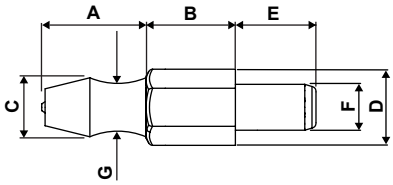
TYPE 2 MÄNNLICH / *MALE*





TYPE 3 MÄNNLICH / *MALE*

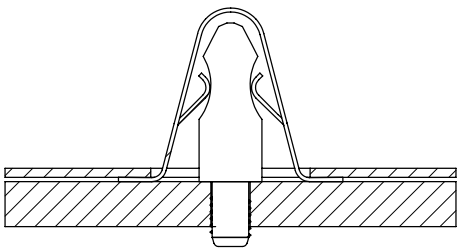




MONTAGGIO
APPLICATION



MONTAGE / *APPLICATION*



Empfohlene Aussparung: 8 x 13 mm. Stärke: 0,8 - 1,2 mm.
Für eine besseren Halt wird eine etwas geringere Bemaßung empfohlen.
Suggested template 8 x 13 mm. Thickness: 0,8 - 1,2 mm.
Please slighlty reduce the template for higher load.

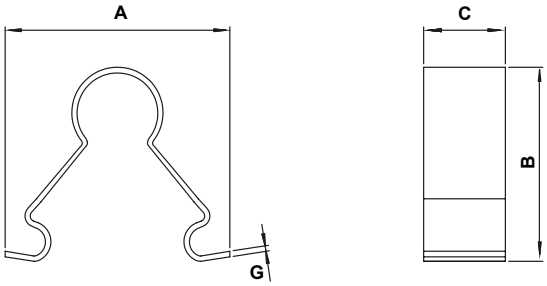
■ **Material: siehe Tabelle** / *see Table*

■ **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	Material *Material*	VPE-Stckz. *Moq-Pcs*
0970MC90	1	28,3	14,5	16,0	-	-	-	0,35	**Feder Stahl** / *Spring steel*	2.500
0972MC90	1	28,3	14,5	16,0	-	-	-	0,55	**Feder Stahl** / *Spring steel*	2.500
2930MF94	2	11,1	6,9	5,9	7,0	7,0	M5	4,4	**Stahl verzinkt** / *Zinc plated steel*	2.500
2935MF94	3	9,2	7,8	5,5	6,0	7,0	M4	4,3	**Stahl verzinkt** / *Zinc plated steel*	2.500

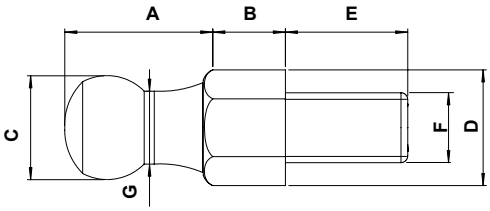


TYPE 1F



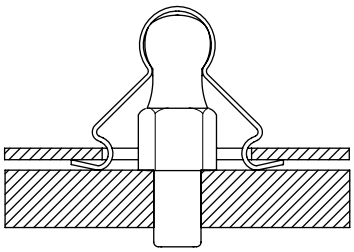


TYPE 1M





MONTAGE / *APPLICATION*



Empfohlene Aussparung: 8 x 11 mm. Stärke: 1 - 1,2 mm.
Für eine besseren Halt wird eine etwas geringere Bemaßung empfohlen.
Suggested template 8 x 11 mm. Thickness: 1 - 1,2 mm.
Please slighlty reduce the template for higher load.

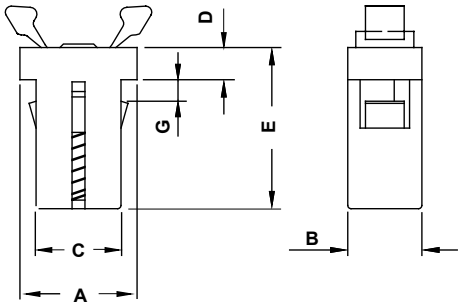
Material: siehe Tabelle / *see Table*

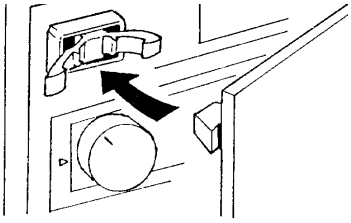
Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	Material	VPE-Stckz. *Moq-Pcs*
4486MC90	1F	18,5	14,0	6,0	-	-	-	0,4	**Brünierter Stahl** / Burnished *Steel*	2.500
4474MC90	1F	18,5	14,0	6,0	-	-	-	0,4	**Feder Stahl** / *Spring steel*	2.500
4488MF94	1M	8,0	4,8	5,6	6,0	7,2	M4	4,5	**Stahl verzinkt** / *Zinc plated steel*	2.500
5995MF94	1M	8,0	5,0	5,6	6,0	7,0	M5	4,5	**Stahl verzinkt** / *Zinc plated steel*	2.500

TYPE 1 / *FEMALE*





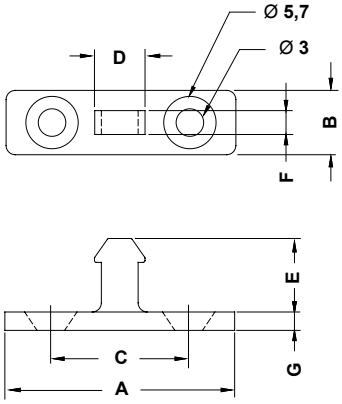


- **Anwendung für Türen und Klappen.**
  Suitable for flap doors on compact equipments.

5545 HA01 Rastnase nur für Artikel 4715 GA01PS
5545 HA01 male part only for 4715 GA01PS

TYPE 2 / *MALE*





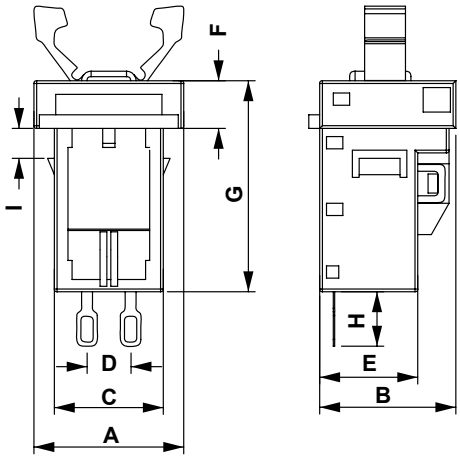
- **Material 4715: siehe Tabelle** / *see Table*
- **Temperaturbereich** / *Working temperature:* **- 10° bis + 60°**
- **Material 5545: ABS** / *ABS*
- **Temperaturbereich** / *Working temperature:* **- 30° bis + 90°**
- **Kraft zum öffnen** / *Retention force*: 1000 g
- **Schließkraft** / *Locking force:* 500 g
- **Farbe: Schwarz - auf Anfrage Weiß** /
  Colour: Black on special request White
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	Material	VPE-Stckz. *Moq-Pcs*
4715GA01PS	1	10,9	6,9	7,8	3,0	15.0	-	2,0	**POM - PA66** / *POM - PA66*	1.000
5545HA01	2	25,0	7,0	15,0	5,5	8,0	2,5	2,2	**ABS** / *ABS*	1.000
6500HA01PS	1	11,0	7,0	8,0	2,9	15,0	-	2,0	*ABS - PA 6.6*	1.000
7150GA01PS	1	11,0	6,9	7,8	3,0	15,3	-	2,0	*POM - PA 6.6*	1.000

VERSCHLUß MIT ELEKT. KONTROLLFUNKTION
PUSH LATCH ELECTRONIC SWITCH





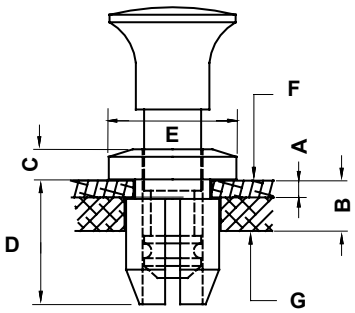


- **Material: siehe Tabelle** / *see Table*
- **Nennbelastungszustand** / *Rated load condition* **:DC12V 50mA**
- **Isolationswiderstand** / *Insulation resistance* ≥ **100MΩ**
- **Art der Schaltung Kontakt: NO (nicht verriegelt) / NC (verriegelt)**
  Type of circuit contact: NO (not lacthed) /NC (latched) = Normally Open/Normally Closed
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Kontakt-Wiederstand** / *Contact resistance*:≤**50mΩ**
- **Durchschlagsfestigkeit** / *Dielectric breakdown strength*: **AC250V 50Hz/min**

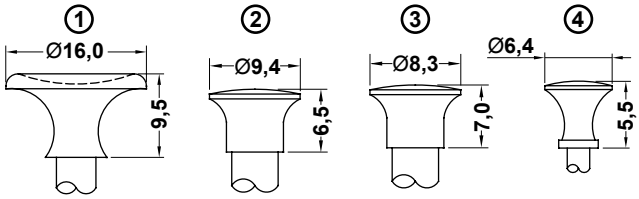
ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	Material	VPE-Stckz. *Moq-Pcs*
7158HA01PS	11,0	10,2	8,0	3,6	7,5	3,5	15,5	3,6	2,0	**PA66 - ABS** / *PA66 - ABS*	1.000

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KOPFART / *HEAD TYPE*

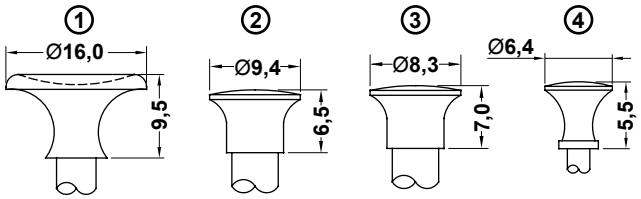


- **Material Niet: PC** / *Clip material: PC*
- **Material PIN: PA 6** / *Pin material: Nylon 6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **- 40° bis + 90°**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

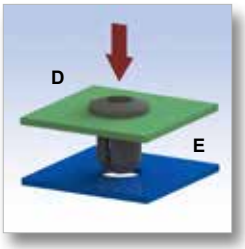
ARTIKEL *P/N*	A	B	C	D	E	F	G	**ARTIKEL** *P/N*	Type	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
9834NC01	1,1	1,5-3,7	2,0	8,6	10,8	Ø 7.6	Ø 8.1	**9849AA01**	1	**Schwarz**/*Black*	1.000
9834NC02	1,1	1,5-3,7	2,0	8,6	10,8	Ø 7.6	Ø 8.1	**9849AA02**	1	**Weiß**/*White*	1.000
9835NC01	1,6	2,0-4,2	2,0	9,0	10,8	Ø 7.6	Ø 8.1	**9849AA01**	1	**Schwarz**/*Black*	1.000
9835NC02	1,6	2,0-4,2	2,0	9,0	10,8	Ø 7.6	Ø 8.1	**9849AA02**	1	**Weiß**/*White*	1.000
9836NC01	2,5	3,0-5,2	2,0	10,0	10,8	Ø 7.6	Ø 8.1	**9850AA01**	1	**Schwarz**/*Black*	1.000
9836NC02	2,5	3,0-5,2	2,0	10,0	10,8	Ø 7.6	Ø 8.1	**9850AA02**	1	**Weiß**/*White*	1.000
9837NC01	4,1	4,6-6,9	2,0	11,7	10,8	Ø 7.6	Ø 8.1	**9851AA01**	1	**Schwarz**/*Black*	1.000
9837NC02	4,1	4,6-6,9	2,0	11,7	10,8	Ø 7.6	Ø 8.1	**9851AA02**	1	**Weiß**/*White*	1.000
9838NC01	5,3	5,8-8,0	2,0	12,9	10,8	Ø 7.6	Ø 8.1	**9852AA01**	1	**Schwarz**/*Black*	1.000
9838NC02	5,3	5,8-8,0	2,0	12,0	10,8	Ø 7.6	Ø 8.1	**9852AA02**	1	**Weiß**/*White*	1.000
9834NC01	1,1	1,5-3,7	2,0	8,6	10,8	Ø 7.6	Ø 8.1	**9845AA01**	2	**Schwarz**/*Black*	1.000
9834NC02	1,1	1,5-3,7	2,0	8,6	10,8	Ø 7.6	Ø 8.1	**9845AA02**	2	**Weiß**/*White*	1.000
9835NC01	1,6	2,0-4,2	2,0	9,0	10,8	Ø 7.6	Ø 8.1	**9845AA01**	2	**Schwarz**/*Black*	1.000
9835NC02	1,6	2,0-4,2	2,0	9,0	10,8	Ø 7.6	Ø 8.1	**9845AA02**	2	**Weiß**/*White*	1.000
9836NC01	2,5	3,0-5,2	2,0	10,0	10,8	Ø 7.6	Ø 8.1	**9846AA01**	2	**Schwarz**/*Black*	1.000
9836NC02	2,5	3,0-5,2	2,0	10,0	10,8	Ø 7.6	Ø 8.1	**9846AA02**	2	**Weiß**/*White*	1.000
9837NC01	4,1	4,6-6,9	2,0	11,7	10,8	Ø 7.6	Ø 8.1	**9847AA01**	2	**Schwar** /*Black*	1.000
9837NC02	4,1	4,6-6,9	2,0	11,7	10,8	Ø 7.6	Ø 8.1	**9847AA02**	2	**Weiß**/*White*	1.000



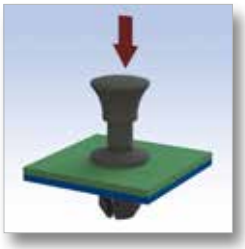
KOPFART / *HEAD TYPE*



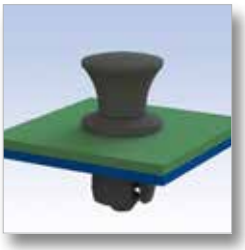
MONTAGE / *ASSEMBLE*



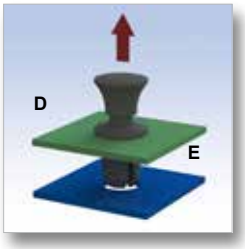
Das Unterteil in die Bohrung D einrasten und darauf in die Bohrung E einführen.
Insert before the female part into D hole and successively in E hole.



Das Oberteil (Pin) bis zum Einrasten einführen.
Push the male part right to the bottom.



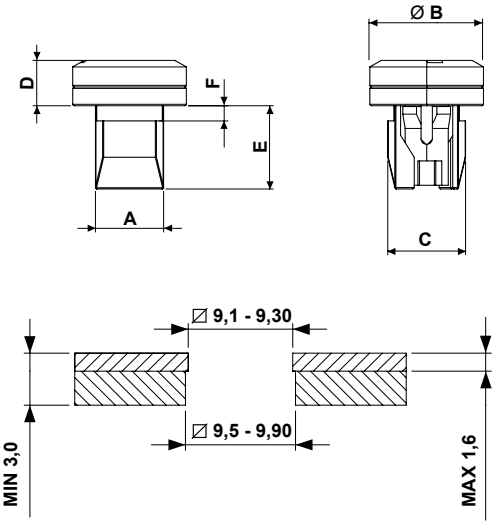
Geschlossene Stellung.
Closed position.



Zur Demontage, den Pin bis zum 1.Einrasten herausziehen.
To uncouple the two panels, unhook in the release position

ARTIKEL *P/N*	A	B	C	D	E	F	G	**ARTIKEL** *P/N*	Type	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
9838NC01	5,3	5,8-8,0	2,0	12,9	10,8	Ø 7.6	Ø 8.1	**9848AA01**	2	**Schwarz**/*Black*	1.000
9838NC02	5,3	5,8-8,0	2,0	12,0	10,8	Ø 7.6	Ø 8.1	**9848AA02**	2	**Weiß**/*White*	1.000
9839NC01	1,1	1,5-3,7	1,8	8,0	8,5	Ø 6.0	Ø 6.4	**9853AA01**	3	**Schwarz**/*Black*	1.000
9839NC02	1,1	1,5-3,7	1,8	8,0	8,5	Ø 6.0	Ø 6.4	**9853AA02**	3	**Weiß**/*White*	1.000
8239NC01	1,6	2,0-4,2	1,8	8,5	8,5	Ø 6.0	Ø 6.4	**8240AA01**	3	**Schwarz**/*Black*	1.000
8239NC02	1,6	2,0-4,2	1,8	8,5	8,5	Ø 6.0	Ø 6.4	**8240AA02**	3	**Weiß**/*White*	1.000
9841NC01	2,5	3,0-5,2	1,8	9,5	8,5	Ø 6.0	Ø 6.4	**9855AA01**	3	**Schwarz**/*Black*	1.000
9841NC02	2,5	3,0-5,2	1,8	9,5	8,5	Ø 6.0	Ø 6.4	**9855AA02**	3	**Weiß**/*White*	1.000
9842NC01	4,1	4,6-6,9	1,8	11,0	8,5	Ø 6.0	Ø 6.4	**9856AA01**	3	**Schwarz**/*Black*	1.000
9842NC02	4,1	4,6-6,9	1,8	11,0	8,5	Ø 6.0	Ø 6.4	**9856AA02**	3	**Weiß**/*White*	1.000
9843NC01	1,0	2,0-4,0	1,2	7,6	6,5	Ø 4.6	Ø 4.8	**9857AA01**	4	**Schwarz**/*Black*	1.000
9843NC02	1,0	2,0-4,0	1,2	7,6	6,5	Ø 4.6	Ø 4.8	**9857AA02**	4	**Weiß**/*White*	1.000
9844NC01	1,5	2,5-4,5	1,2	8,1	6,5	Ø 4.6	Ø 4.8	**9858AA01**	4	**Schwarz**/*Black*	1.000
9844NC02	1,5	2,5-4,5	1,2	8,1	6,5	Ø 4.6	Ø 4.8	**9858AA02**	4	**Weiß** / *White*	1.000

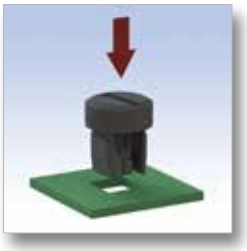




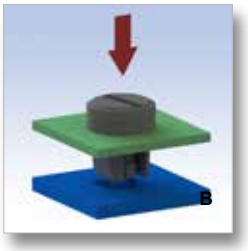
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **- 35° bis + 85°**
- **Farbe: Schwarz oder Natur** / *Colour: Black or Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
8093AA01	9,0	15,0	10,3	6,0	11,0	2,0		1.000

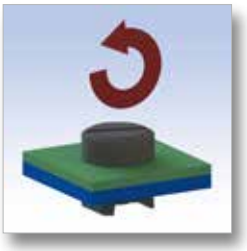
MONTAGE / *ASSEMBLE*



Den Verschluss in die quadratische Bohrung der Montageplatte A einrasten.
Snap the anchor into square hole in panel A



DDie beiden Montageplatten A und B übereinander legen und den Verschluss in die Bohrung der Montageplatte B einführen.
Join A on B and insert the anchor into the square hole on panel B

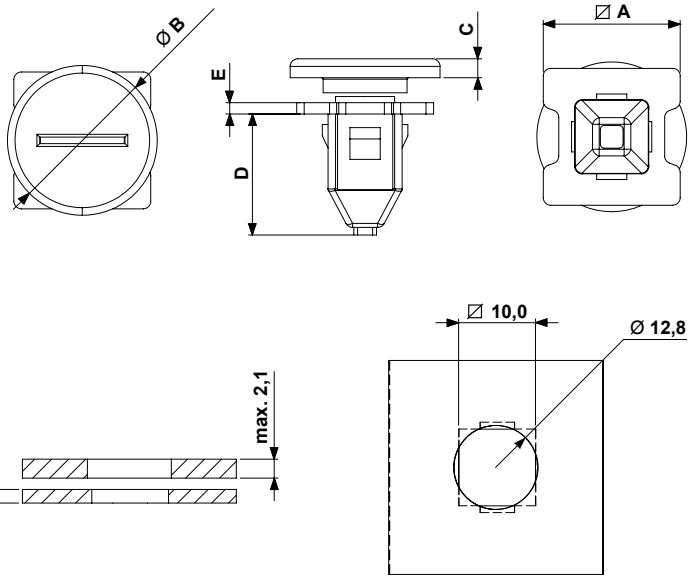


Den Kopf des Verschlusses um 90° entgegen dem Uhrzeigersinn drehen.
Turn the head of the latch through 90° anti-clockwise to lock

Für die Demontage den Befestigungskopf des Verschlußes um 90° im Uhrzeigersinn drehen. / *To disassemble turn the head of the latch through 90° clockwise*

VERDREH VERSCHLUSSSYSTEM WIEDERLÖSBAR
QUARTER TURN LATCH





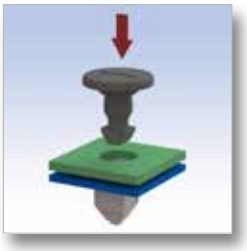
- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / Working temperature**: -35°C ~ +85°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
8094AA01	18,1	19,8	2,5	16,0	1,5	**Unterteil (Natur) - Pin (Schwarz)** */ Body (Natural) - Pin (Black)*	1.000

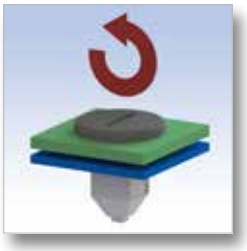
MONTAGE / *ASSEMBLE*



Das Unterteil in die quadratische Bohrung von Montageplatte A einrasten.
Snap the body into square hole in panel A



Die Montageplatten A und B übereinander legen, das Oberteil (Pin) in die Bohrung von Montageplatte B eingeführen.
Join A on B and insert the pin into the round hole on panel B

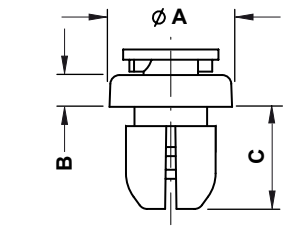


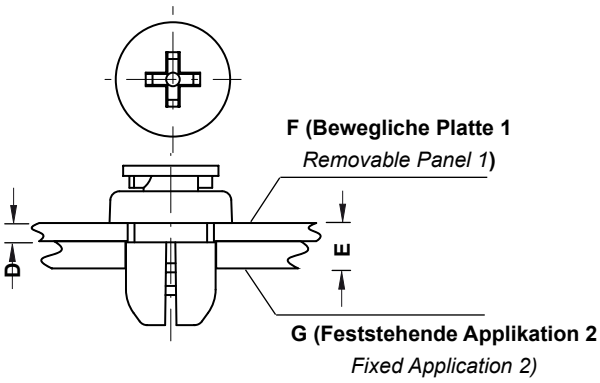
Den Pin um 90° entgegen dem Uhrzeigersinn drehen um die beiden Monatageplatten zu verbinden.
Turn the head of the latch through 90° anti-clockwise to lock

Für die Demontage den Pin um 90° im Uhrzeigersinn drehen. Der Verschluss ist für zwei unterschiedliche Montageplatten Stärken konzipiert. Für Montageplatten mit unterschiedlicher Stärke den Körper um 90° drehen.
To disassemble turn the head of the latch through 90° clockwise.The part is designed for two different panel ranges. 90° Rotation of body for different panel thickness.

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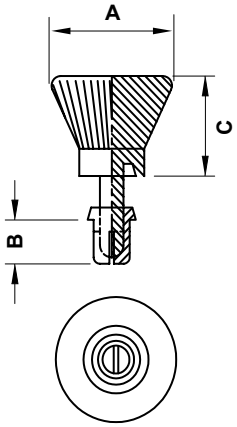


- **Material: Polycarbonat** / *Material: Polycarbonat*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / Working temperature**: -35°C ~ +100°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	**C**	**D**	**E**	**F**	G	**VPE-Stckz.** *Moq-Pcs*
9868NC01 + 9872NC01	10,8	2,7	9,0	1,6	2,5 - 4,2	Ø 7,6	Ø 8,1	1.000
9870NC01 + 9874NC01	10,8	2,7	10,0	2,5	3,5 - 5,2	Ø 7,6	Ø 8,1	1.000
9869NC01 + 9873NC01	9,2	2,7	8,5	1,6	2,5 - 4,2	Ø 6,0	Ø 6,4	1.000
9871NC01 + 9875NC01	9,2	2,7	9,5	2,5	3,5 - 5,2	Ø 6,0	Ø 6,4	1.000

SPREIZNIETE MIT GRIFFSTÜCK - WIEDERLÖSBAR
SNAP RIVET WITH KNOP



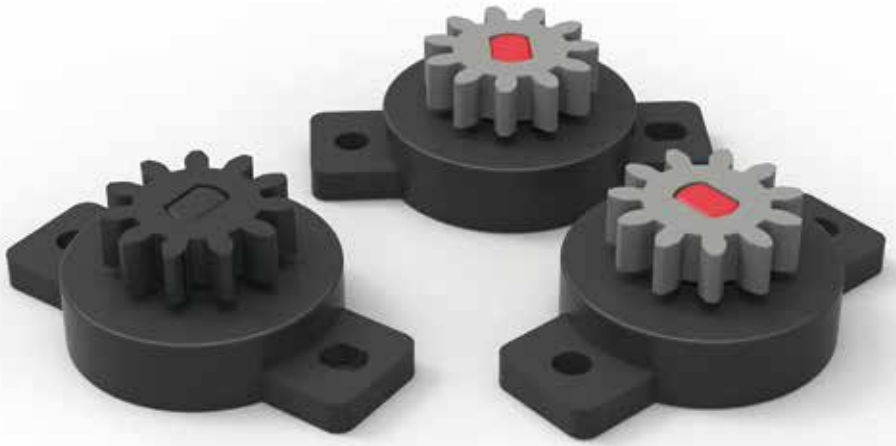


- **Material: PA 6 /** *Material: PA 6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich /** Working temperature**: -35°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Farbe: Weiß auf Anfrage** / *Colour: White onspecial request*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	**A**	B	C	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
9758AA01	**10,0**	3,5	8,0	Ø 3,1	1,0 - 2,0		1.000
9759AA01	**10,0**	4,5	8,0	Ø 3,1	2,0 - 3,0		1.000
9760AA01	**10,0**	5,5	8,0	Ø 3,1	3,0 - 4,0		1.000
9761AA01	**10,0**	6,5	8,0	Ø 3,1	4,0 - 5,0		1.000
9762AA01	**10,0**	7,5	8,0	Ø 3,1	5,0 - 6,0		1.000
9763AA01	**10,0**	8,0	8,0	Ø 3,1	5,5 - 6,5		1.000
9764AA01	**10,0**	3,5	8,0	Ø 3,6	1,0 - 2,0		1.000
9765AA01	**10,0**	4,5	8,0	Ø 3,6	2,0 - 3,0		1.000
9766AA01	**10,0**	5,5	8,0	Ø 3,6	3,0 - 3,7		1.000
9767AA01	**10,0**	6,0	8,0	Ø 3,6	3,5 - 4,5		1.000
9768AA01	**10,0**	7,0	8,0	Ø 3,6	3,8 - 5,2		1.000
9769AA01	**10,0**	8,0	8,0	Ø 3,6	5,3 - 6,5		1.000
9780AA01	**12,0**	5,0	8,0	Ø 4,1	2,5 - 3,5		1.000
9781AA01	**12,0**	6,0	8,0	Ø 4,1	3,5 - 4,5		1.000
9782AA01	**12,0**	7,0	8,0	Ø 4,1	4,5 - 5,5		1.000
9783AA01	**12,0**	8,0	8,0	Ø 4,1	5,5 - 6,5		1.000
9784AA01	**12,0**	9,0	8,0	Ø 4,1	6,5 - 7,5		1.000
9785AA01	**12,0**	10,0	8,0	Ø 4,1	7,5 - 8,5		1.000

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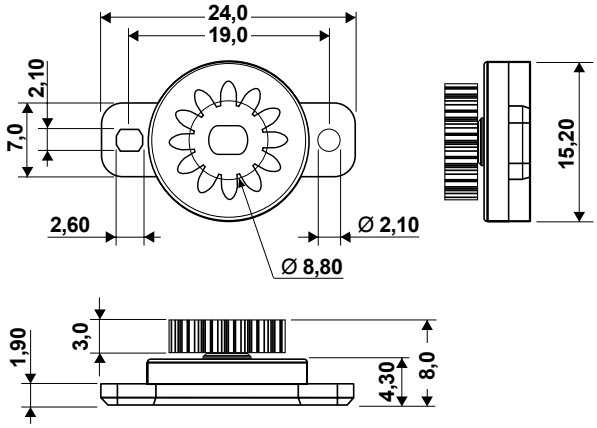


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ROTATIONSDÄMPFER

Rotation damper





- **Material: PA 6.6 13% GV - PA 6.6 - POM**
  Material: PA 6.6 13% GV - PA 6.6 - POM
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich** / *Working temperature:* **- 40° bis + 90°**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**DREHMOMENT** *Torque*	**ROTORFARBE** *Rotor colour*	**ZAHNRADTYPE** *Gear type*	**VPE-Stckz.** *Moq-Pcs*
5920XX01	0.12 Ncm ± 0.07	**Beige** / *Beige*	11a	1.000
5921XX01	0.25 Ncm ± 0.08	**Gelb** / *Yellow*	11a	1.000
5922XX01	0.30 Ncm ± 0.10	**Grün** / *Green*	11a	1.000
5923XX01	0.45 Ncm ± 0.12	**Braun** / *Brown*	11a	1.000
5924XX01	0.60 Ncm ± 0.17	**Schwarz** / *Black*	11a	1.000
5925XX01	0.95 Ncm ± 0.18	**Rot** / Red	11a	1.000
5926XX01	1.20 Ncm ± 0.20	**Blau** / *Blue*	11a	1.000
5927XX01	1.50 Ncm ± 0.25	**Pink** / *Pink*	11a	1.000
5928XX01	2.20 Ncm ± 0.35	**Orange** / *Orange*	11a	1.000

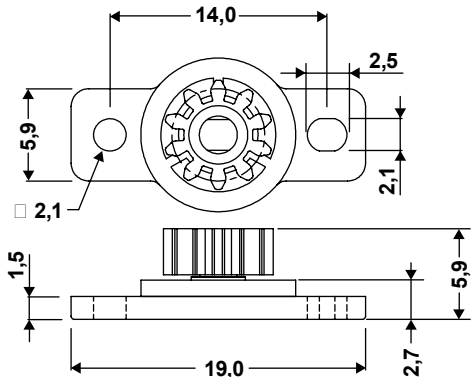
- **Bestellinformation** / *Order information*: **5923 11b01 für eine Rotationsdämpfer Modul 0,8 / Zähneanzahl 11 abgerundetes Profil**
  5923 11b01 for a rotationdamper Gear module 0,8 / No teeth 11 with round edges

- **Mögliche Zahnradkombinationen** / *Gear wheel possible combinations*

ZÄHNEZAHL *NO. TEETH*	10	11a	11b	11c	11d	12	13	14	16
ZAHNRADMODUL *GEAR MODULE*	0.8	0.8	0.8	0.6	0.8	0.8	0.8	0.5	0.8
DRUCKWINKEL *PRESSURE ANGLE*	20°	20°	20°	20°	20°	20°	14.5°	20°	20°
ANMERKUNGEN *NOTES*	-	-	ABGERUNDETES PROFIL ROUNDED EDGES	ABGERUNDETES PROFIL ROUNDED EDGES	-	-	-	-	-

MINI ROTATIONSDÄMPFER
MINI ROTARY DAMPERS



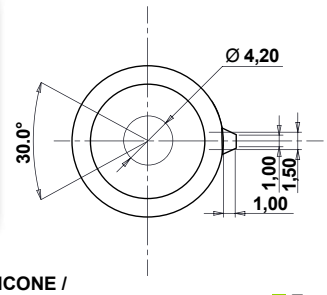


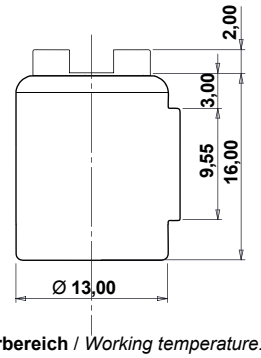
- **Material: ABS/POM**/ *Material: ABS/POM*
- **Farbe: Schwarz /** Colour: *Black*
- **Temperaturbereich** / *Working temperature:***- 40° bis + 90°**
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **Andere Zahnradkombinationen auf Anfrage**/ *available others gear wheel combinations*

ARTIKEL *P/N*	DREHMOMENT *Torque*	ZÄHNEZAHL *No. teeth*	ZAHNRADTYPE *Gear type*	DRUCKWINKEL *Pressure angle*	VPE-Stckz. *Moq-Pcs*
12297XX01ZS	0.20 Ncm ± 0.05	11	0,6	20°	1.000
12298XX01ZS	0.30 Ncm ± 0.05	11	0,6	20°	1.000
12299XX01ZS	0.42 Ncm ± 0.7	11	0,6	20°	1.000

AXIALDÄMPFER
BARREL DAMPER





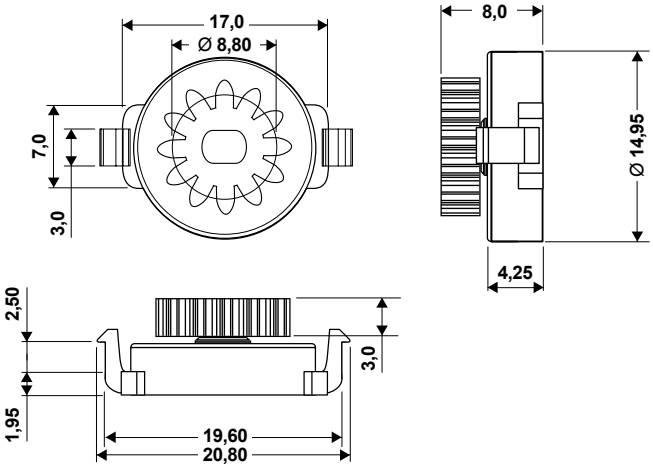


- **Material: PA6 - POM - NBR - SILICONE /** *Material: PA6 - POM - NBR - SILICON*
- **Farbe: Natur /** *Colour: Natural*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +90°C**
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	DREHMOMENT *Torque*	DREHUNG *Rotation*	VPE-Stckz. *Moq-Pcs*
18626XX00	5NCM ±0.85	FULL	1.000
18627XX00	6NCM ±0.85	FULL	1.000
18628XX00	8NCM ±1.1	FULL	1.000
49004XX00	10NCM ±1.5	FULL	1.000
18629XX00	11NCM ±1.7	FULL	1.000
18630XX00	15NCM ±2.4	220°	1.000
18631XX00	20NCM ±3.2	220°	1.000
18632XX00	30NCM ±4.5	220°	1.000

ROTATIONSDÄMPFER CLICK
DAMPERS CLICK





- **Material: PA 6.6 13% GV - PA 6.6 - POM**
  Material: PA 6.6 13% GV - PA 6.6 - POM
- **Farbe: Schwarz** / Colour: *Black*
- **Temperaturbereich** / *Working temperature:* **- 40° bis + 90°**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**DREHMOMENT** *Torque*	**ROTORFARBE** *Rotor colour*	**ZAHNRADTYPE** *Gear type*	**VPE-Stckz.** *Moq-Pcs*
5929XX01	0.12 Ncm ± 0.07	**Beige** / *Beige*	11a	500
5930XX01	0.25 Ncm ± 0.08	**Gelb** / *Yellow*	11a	500
5931XX01	0.30 Ncm ± 0.10	**Grün** / *Green*	11a	500
5932XX01	0.45 Ncm ± 0.12	**Braun** / *Brown*	11a	500
5933XX01	0.60 Ncm ± 0.17	**Schwarz** / *Black*	11a	500
5934XX01	0.95 Ncm ± 0.18	**Rot** / Red	11a	500
5935XX01	1.20 Ncm ± 0.20	**Blau** / *Blue*	11a	500
5936XX01	1.50 Ncm ± 0.25	**Pink** / *Pink*	11a	500
5937XX01	2.20 Ncm ± 0.35	**Orange** / *Orange*	11a	500

- **Bestellinformation** / *Order information*: **5932 11b01 für eine Rotationsdämpfer Modul 0,8 / Zähneanzahl 11 abgerundetes Profil**
  5932 11b01 for a rotationdamper Gear module 0,8 / No teeth 11 with round edges

- **Mögliche Zahnradkombinationen** / *Gear wheel possible combinations*

ZÄHNEZAHL *NO. TEETH*	10	11a	11b	11c	11d	12	13	14	16
ZAHNRADMODUL *GEAR MODULE*	0.8	0.8	0.8	0.6	0.8	0.8	0.8	0.5	0.8
DRUCKWINKEL *PRESSURE ANGLE*	20°	20°	20°	20°	20°	20°	14.5°	20°	20°
ANMERKUNGEN *NOTES*	-	-	ABGERUNDETES PROFIL ROUNDED EDGES	ABGERUNDETES PROFIL ROUNDED EDGES	-	-	-	-	-

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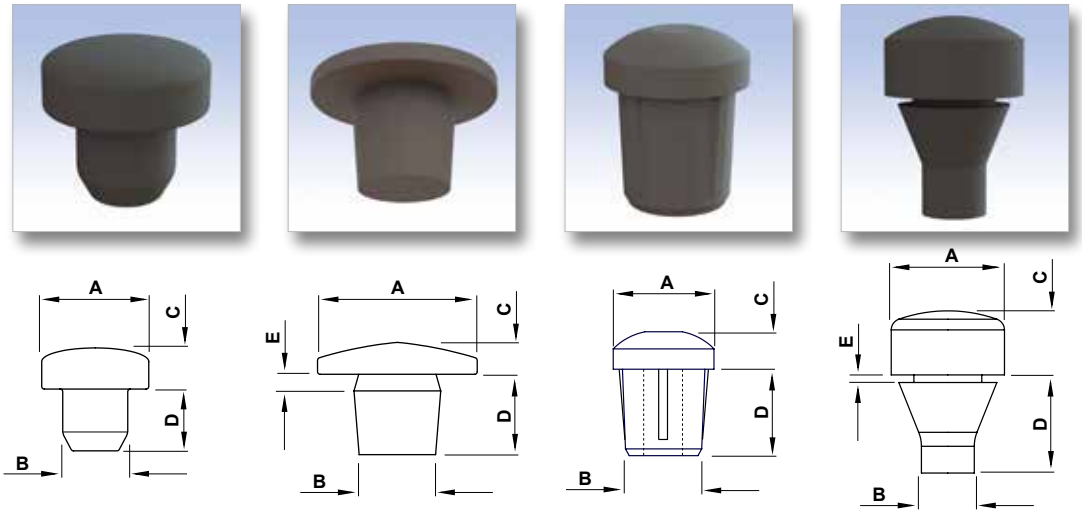


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Gehäusefüsse & Anschlagdämpfer

Feet & Damping feets

TYPE 1 **TYPE 2** **TYPE 3** **TYPE 4**

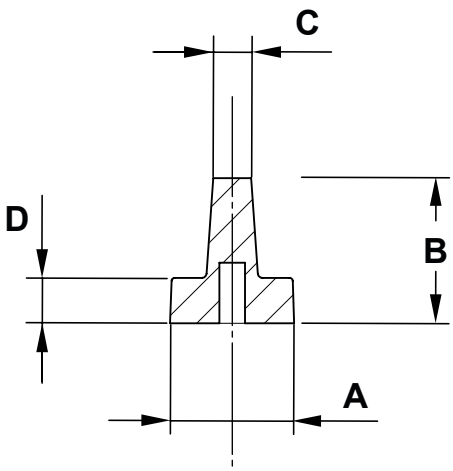


DIE FÜSSE UND PUFFER DIESER SERIE KÖNNEN AUF ANFRAGE AUS QUALITATIV HOCHWERTIGEM THERMOPLASTISCHEM GUMMI MIT TEMPERATURBESTÄNDIGKEIT BIS MAX. 130° UND IN VERSCHIEDENEN HÄRTEN UND FARBEN HERGESTELLT WERDEN. WEITERE AUSKÜNFTE ERTEILT IHNEN UNSER VERKAUFSSERVICE.
THIS LINE OF FEET AND PUSH-IN BUMPERS CAN BE PRODUCED ON REQUEST IN HIGH-GRADE THERMOPLASTIC RUBBER WITH A TEMPERATURE RESISTANCE OF 130°C MAX. AND WITH DIFFERENT HARDNESS AND COLOUR POSSIBILITIES. FOR MORE INFORMATION, KINDLY CONTACT OUR CUSTOMER SERVICE.

- **Material: siehe Tabelle** / *Material: see Table*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*
- **Temperaturbereich TPE** / *Working temperature TPE:* **-28°C ~ +90°C**
- **Temperaturbereich PVC** / *Working temperature PVC:* **-25°C ~ +60°C**
- **Auf Anfrage TPE +130° C** / *TPE +130° C by special request*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Farbe *Colour*	Material *Material*	VPE-Stckz. *Moq-Pcs*
4400PF01	1	8,0	4,5	2,0	5,0	-	**Schwarz** / *Black*	TPE	5.000
4401PF01	1	8,0	4,5	3,0	5,0	-	**Schwarz** / *Black*	TPE	5.000
4402PF01	1	8,0	4,5	4,0	5,0	-	**Schwarz** / *Black*	TPE	5.000
4403PF01	1	8,0	4,5	5,0	5,0	-	**Schwarz** / *Black*	TPE	5.000
4404PF01	1	8,0	4,5	6,0	5,0	-	**Schwarz** / *Black*	TPE	5.000
5214PS01	2	12,0	6,0	2,8	6,0	1,0	**Schwarz** / *Black*	TPE	2.500
4808PS01	2	13,5	6,0	2,8	6,0	1,0	**Schwarz** / *Black*	TPE	2.500
0445CA01	2	12,0	6,0	2,0	6,0	1,0	**Schwarz** / *Black*	**PVC Material** / *Soft PVC*	2.500
0446CA01	2	12,0	6,0	4,5	6,0	1,0	**Schwarz** / *Black*	**PVC Material** / *Soft PVC*	1.000
0446CA02	2	12,0	6,0	4,5	6,0	1,0	**Weiß** / *White*	**PVC Material** / *Soft PVC*	1.000
5324PF01	3	14,8	12,5	6,0	12,0	-	**Schwarz** / *Black*	TPE	2.500
6565PS01	4	15,0	7,0	8,5	13,0	1,0	**Schwarz** / *Black*	NEOPRENE	1.000

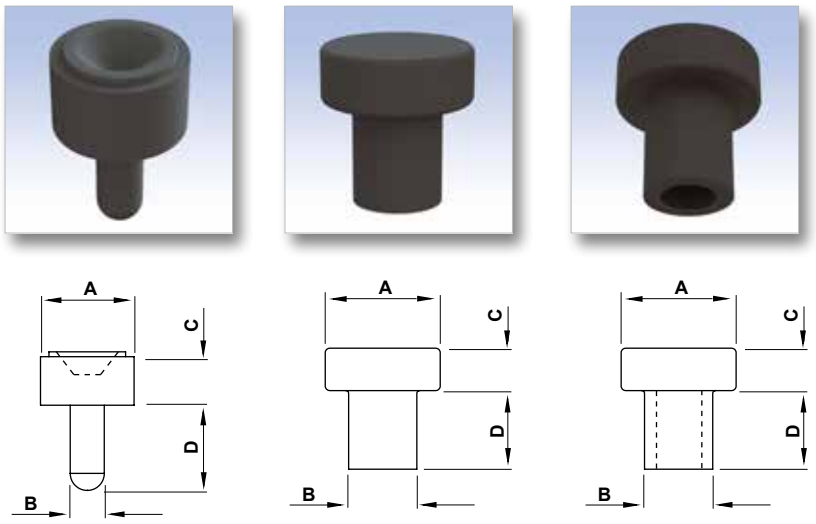




- **Material: PVC 75 SHORE A** / *Material:* PVC 75 SHORE A
- **Temperaturbereich** / *Working temperature:* **-25°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15981CA01	Ø 8,2	9,6	Ø 2,5	3,0		2.500

TYPE 1 **TYPE 2** **TYPE 3**

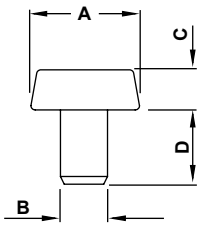


- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich PVC** / *Working temperature PVC:* **-25°C ~ +60°C**
- **Temperaturbereich LD-PE** / *Working temperature PE-LD:* **-30°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	D	**Material** *Material*	**VPE-Stckz.** *Moq-Pcs*
0424CA01	**1**	Ø 11,0	Ø 4,2	7,0,	9,2	**WEICH PVC** / *SOFT PVC*	2.500
0960CA01	**2**	Ø 8,0	Ø 5,0	3,0	3,0	**WEICH PVC** / *SOFT PVC*	1.000
1202CA01	**2**	Ø 8,0	Ø 5,0	3,0	5,0	**WEICH PVC** / *SOFT PVC*	1.000
1203CA01	**2**	Ø 8,0	Ø 5,0	3,0	7,0	**WEICH PVC** / *SOFT PVC*	1.000
1204CA01	**2**	Ø 8,0	Ø 5,0	3,0	9,0	**WEICH PVC** / *SOFT PVC*	1.000
0953CA01	**3**	Ø 8,0	Ø 6,0	2,5	4,5	**WEICH PVC** / *SOFT PVC*	1.000
0961CA01	**2**	Ø 8,0	Ø 6,0	2,0	4,0	**WEICH PVC** / *SOFT PVC*	1.000
2344CA01	**2**	Ø 8,0	Ø 6,0	2,0	6,0	**WEICH PVC** / *SOFT PVC*	1.000
0963CA01	**2**	Ø 8,0	Ø 6,0	2,0	8,0	**WEICH PVC** / *SOFT PVC*	1.000
2345CA01	**2**	Ø 8,0	Ø 6,0	2,0	10,0	**WEICH PVC** / *SOFT PVC*	1.000
0432CA01	**2**	Ø 15x10	Ø 6,0	4,5	9,0	**WEICH PVC** / *SOFT PVC*	2.500
0432EA01	**2**	Ø 15x10	Ø 6,0	4,5	9,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
3658CA01	**3**	Ø 10,0	Ø 8,0	3,0	9,5	**WEICH PVC** / *SOFT PVC*	1.000
0952CA01	**2**	Ø 12,0	Ø 8,0	2,0	5,0	**WEICH PVC** / *SOFT PVC*	1.000

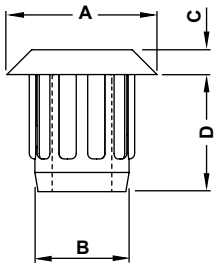
TYPE 1





TYPE 2





- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich PVC** / *Working temperature PVC:* **-25°C ~ +60°C**
- **Temperaturbereich LD-PE** / *Working temperature PE-LD:* **-30°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

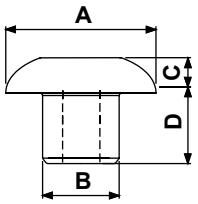
ARTIKEL *P/N*	TYPE	A	B	C	D	Material *Material*	VPE-Stckz. *Moq-Pcs*
0433CA01	**1**	15x10	Ø 6,0	10,0	7,0	**WEICH PVC** / *SOFT PVC*	2.500
0433EA01	**1**	15x10	Ø 6,0	10,0	7,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0437CA01	**1**	Ø 7,0	Ø 3,5	1,5	5,0	**WEICH PVC** / *SOFT PVC*	2.500
0437EA01	**1**	Ø 7,0	Ø 3,5	1,5	5,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0435CA01	**1**	Ø 12,0	Ø 6,0	2,5	9,0	**WEICH PVC** / *SOFT PVC*	2.500
0435EA01	**1**	Ø 12,0	Ø 6,0	2,5	9,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0436CA01	**1**	Ø 12,0	Ø 6,0	3,8	9,0	**WEICH PVC** / *SOFT PVC*	2.500
0436EA01	**1**	Ø 12,0	Ø 6,0	3,8	9,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0434FA01	**1**	Ø 16,0	Ø 6,0	11,0,	12,0	**POLYETHYLEN** / *POLYETHYLENE*	2.500
3597EA01	**1**	Ø 5,0	Ø 3,0	4,0	4,0	**WEICH PVC** / *SOFT PVC*	1.000
0425CA01	**2**	Ø 12,1	Ø 8,0	2,0	9,4	**WEICH PVC** / *SOFT PVC*	2.500
0425EA01	**2**	Ø 12,1	Ø 8,0	2,0	9,4	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500

GEHÄUSEFÜSSE & ANSCHLAGPUFFER
RUBBER FEET AND PUSH-IN BUMPERS

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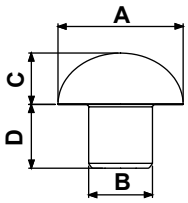
TYPE 1





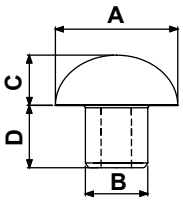
TYPE 2





TYPE 3





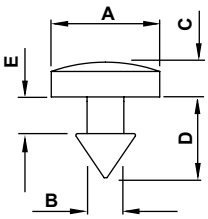
- **Material: siehe Tabelle** / *see Table*
- **Temperaturbereich PVC** / *Working temperature PVC:* **-25°C ~ +60°C**
- **Temperaturbereich LD-PE** / *Working temperature PE-LD:* **-30°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	D	**Material** *Material*	**VPE-Stckz.** *Moq-Pcs*
0426CA01	1	Ø 9,5	Ø 5,0	3,0	6,0	**WEICH PVC** / *SOFT PVC*	2.500
0426EA01	1	Ø 9,5	Ø 5,0	3,0	6,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0427CA01	1	Ø 12,0	Ø 6,0	3,0	7,5	**WEICH PVC** / *SOFT PVC*	2.500
0427EA01	1	Ø 12,0	Ø 6,0	3,0	7,5	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0428CA01	1	Ø 14,0	Ø 6,0	4,0	15,0	**WEICH PVC** / *SOFT PVC*	2.500
0428EA01	1	Ø 14,0	Ø 6,0	4,0	15,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0966CA01	1	Ø 10,0	Ø 8,0	3,0	9,0	**WEICH PVC** / *SOFT PVC*	2.500
0429CA01	1	Ø 18,0	Ø 8,0	5,0	15,0	**WEICH PVC** / *SOFT PVC*	2.500
0429EA01	1	Ø 18,0	Ø 8,0	5,0	15,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0430CA01	1	Ø 20,0	Ø 8,0	5,0	15,0	**WEICH PVC** / *SOFT PVC*	2.500
0430EA01	1	Ø 20,0	Ø 8,0	5,0	15,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0431CA01	1	Ø 24,0	Ø 11,0	5,0	13,0	**WEICH PVC** / *SOFT PVC*	2.500
0431EA01	1	Ø 24,0	Ø 11,0	5,0	13,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0420CA01	2	Ø 9,0	Ø 5,0	3,0	6,0	**WEICH PVC** / *SOFT PVC*	2.500
0420EA01	2	Ø 9,0	Ø 5,0	3,0	6,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
0422CA01	2	Ø 14,0	Ø 6,0	6,5	15,0	**WEICH PVC** / *SOFT PVC*	2.500
0422EA01	2	Ø 14,0	Ø 6,0	6,5	15,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500
5151CA01	2	Ø 16,0	Ø 10,0	6,0	10,0	**WEICH PVC** / *SOFT PVC*	1.000
0421CA01	3	Ø 14,0	Ø 9,0	4,5	6,0	**WEICH PVC** / *SOFT PVC*	2.500
0423CA01	3	Ø 20,0	Ø 10,0	8,0	10,0	**WEICH PVC** / *SOFT PVC*	2.500
0423EA01	3	Ø 20,0	Ø 10,0	8,0	10,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	2.500

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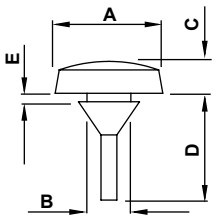
TYPE 1





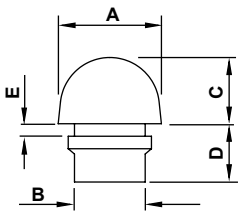
TYPE 2





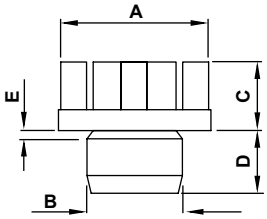
TYPE 3





TYPE 4



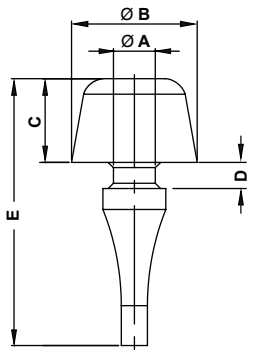


- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich PVC** / *Working temperature:* **-25°C ~ +60°C**
- **Temperaturbereich EPDM** / *Working temperature:* **-30°C ~ +120°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	D	E	**Material** *Material*	**VPE-Stckz.** *Moq-Pcs*
0444CA01	1	12,2	4,5	4,5	9,0	4,5	**WEICH PVC** / *SOFT PVC*	2.500
6060GS01	2	7,8	3,5	2,0	6,8	1,0	**EPDM** / *EPDM*	1.000
0441CA01	2	8,0	4,0	1,5	5,0	1,0	**WEICH PVC** / *SOFT PVC*	2.500
2343CA01	2	12,0	6,0	3,5	16,5	1,5	**WEICH PVC** / *SOFT PVC*	1.000
0958CA01	3	12,0	6,0	9,0	7,0	1,0	**WEICH PVC** / *SOFT PVC*	1.000
2347CA01	3	12,0	7,0	9,0	7,0	1,0	**WEICH PVC** / *SOFT PVC*	1.000
0959CA01	3	12,0	8,0	9,0	7,0	1,0	**WEICH PVC** / *SOFT PVC*	1.000
2348CA01	3	12,0	9,0	9,0	7,0	1,0	**WEICH PVC** / *SOFT PVC*	1.000
0442CA01	4	12,0	7,0	4,0	5,0	1,0	**WEICH PVC** / *SOFT PVC*	2.500
0443CA01	4	12,0	7,0	6,0	5,0	1,0	**WEICH PVC** / *SOFT PVC*	2.500

ANSCHLAGPUFFER KEGELKOPFFORM
BUMPER





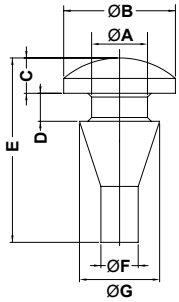
- **Material: siehe Tabelle** / *see Table*
- **Temperaturbereich** / *Working temperature:*
  EPDM: **-40°C ~ +120°C**
  NBR: **-35°C ~ +110°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm.** / *All dimensions are in mm.*

ARTIKEL *P/N*	A	B	C	D	E	Material *Material*	VPE-Stckz. *Moq-Pcs*
11220GS01	1,8	6,0	3,0	0,75	10,2	**EPDM 50 Shore A**	2.500
11221GS01	2,4	6,5	4,5	0,5	12,5	**EPDM 50 Shore A**	2.500
11222GS01	2,5	6,0	3,0	2,5	10,5	**EPDM 50 Shore A**	2.500
11223NR01	3,0	10,4	7,0	2,5	17,0	**NBR 40 Shore A**	2.500
11224GS01	3,2	8,0	3,0	2,0	13,0	**EPDM 55 Shore A**	2.500
11225GS01	3,5	7,0	7,0	3,5	17,0	**EPDM 60 Shore A**	2.500
11226GS01	3,6	8,7	5,0	1,4	15,1	**EPDM 50 Shore A**	2.500
11227GS01	3,8	6,5	4,5	1,0	16,8	**EPDM 40 Shore A**	2.500
11228GS01	4,0	12,0	8,0	2,5	25,5	**EPDM 33 Shore A**	2.500
11229GS01	4,0	12,0	8,0	1,5	24,5	**EPDM 35 Shore A**	2.500
11230GS01	4,2	10,0	6,3	2,0	16,8	**EPDM 40 Shore A**	5.000
11231NR01	5,0	8,0	8,0	2,2	19,2	**NBR 60 Shore A**	3.000

ANSCHLAGPUFFER RUNDKOPFFORM
BUMPER

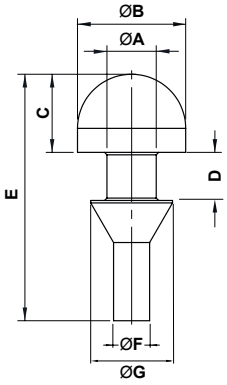
TYPE 1





TYPE 2



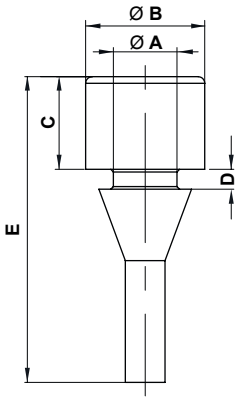


- **Material: siehe Tabelle /** *see Table*
- **Temperaturbereich /** *Working temperature:*
  EPDM: **-40°C ~ +120°C**
  NBR: **-35°C ~ +110°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm. /** *All dimensions are in mm.*

ARTIKEL *P/N*	Type	A	B	C	D	E	F	G	Material *Material*	VPE-Stckz. *Moq-Pcs*
11232GS01	1	2,6	4,9	2,5	1,5	12,0	2,2	4,0	**EPDM 70 Shore A**	5.000
11233GS01	1	3,0	6,0	1,9	1,5	9,9	2,0	4,3	**EPDM 50 Shore A**	5.000
11235GS01	1	4,0	10,0	4,0	4,0	18,0	3,0	7,0	**EPDM 40 Shore A**	2.500
11238GS01	1	6,0	13,0	5,5	1,3	14,3	5,0	8,0	**EPDM 50 Shore A**	2.500
11234NR01	2	3,7	7,0	3,5	2,8	14,5	3,2	5,2	**NBR 80 Shore A**	5.000
11236GS01	2	4,0	8,0	5,3	2,0	18,0	3,0	5,5	**EPDM 50 Shore A**	2.500
11237GS01	2	4,1	9,0	6,5	4,0	20,5	3,0	6,8	**EPDM 40 Shore A**	2.500
11239GS01	2	7,0	14,0	7,0	3,2	24,2	6,0	8,6	**EPDM 65 Shore A**	2.500
11240GS01	2	8,0	15,4	8,7	1,0	25,4	6,0	10,0	**EPDM 65 Shore A**	2.500

ANSCHLAGPUFFER ZYLINDRISCHE KOPFFORM
BUMPER





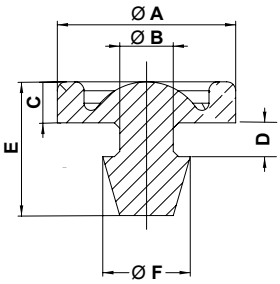
- **Material: siehe Tabelle /** *see Table*
- **Temperaturbereich /** Working temperature**:**
  EPDM: **-40°C ~ +130°C**
  SILIKON: **-60°C ~ +250°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm. /** *All dimensions are in mm.*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**Material** *Material*	**VPE-Stckz.** *Moq-Pcs*
11241GS01	2,8	5,2	2,4	1,2	13,2	**EPDM 70 Shore A**	2.500
11242GS01	3,0	6,0	2,0	0,6	8,6	**EPDM 50 Shore A**	3.000
11243GS01	3,0	7,0	2,0	2,0	16,0	**EPDM 50 Shore A**	2.500
11244GS01	4,0	12,0	4,5	2,7	18,5	**EPDM 60 Shore A**	3.000
11245GS01	4,0	10,0	3,0	2,0	12,0	**EPDM 40 Shore A**	2.500
11246GS01	4,8	9,0	7,0	1,5	23,1	**EPDM 60 Shore A**	2.500
11247SI01	7,0	14,0	6,0	1,2	30,0	**SILIKON 50 Shore A**	2.500

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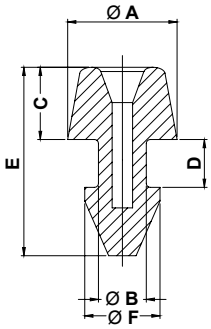
TYPE 1





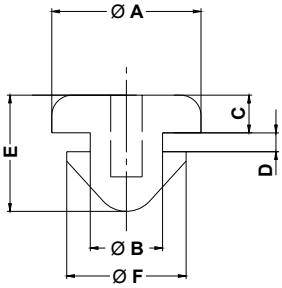
TYPE 2





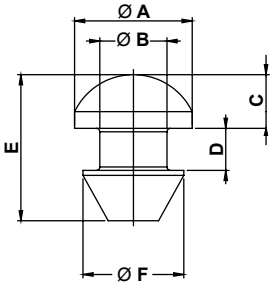
TYPE 4





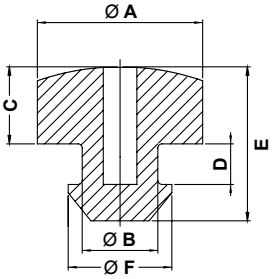
TYPE 3





TYPE 5

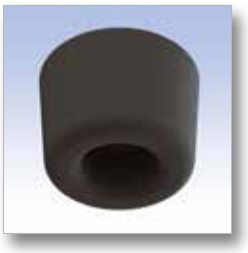


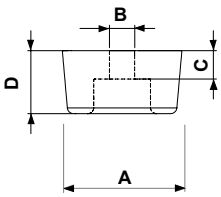


- **Material: siehe Tabelle /** *see Table*
- **Temperaturbereich /** Working temperature**:**
  EPDM: **-40°C ~ +130°C**
  SILIKON: **-60°C ~ +250°C**
  NR: **-50°C ~ +80°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm. /** *All dimensions are in mm.*

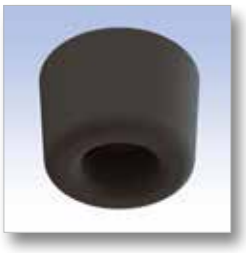
ARTIKEL *P/N*	**Type**	**A**	**B**	**C**	**D**	**E**	**F**	**Material** *Material*	**VPE-Stckz.** *Moq-Pcs*
11248GS01	1	10,0	3,0	2,3	1,9	7,5	4,9	**EPDM 63 Shore A**	2.500
11249GS01	2	8,0	3,5	5,5	3,5	14,0	5,5	**EPDM 60 Shore A**	2.500
11250GS01	3	7,0	4,0	3,2	2,5	8,7	6,0	**EPDM 40 Shore A**	3.000
8189PD01	4	8,0	4,0	2,5	1,7	7,2	6,0	**NR 50 Shore A**	1.000
11251GS01	4	9,5	4,6	2,4	1,2	7,4	7,6	**EPDM 50 Shore A**	5.000
11252SI01	5	11,8	5,4	5,5	2,9	10,9	7,4	**SILIKON 50 Shore A**	3.000

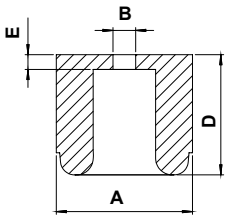
TYPE 1





TYPE 2



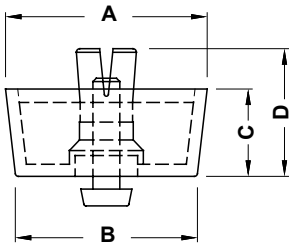


- **Material: siehe Tabelle** / *see Table*
- **Temperaturbereich PVC** / *Working temperature PVC:* **-25°C ~ +60°C**
- **Temperaturbereich LD-PE** / *Working temperature PE-LD:* **-30°C ~ +60°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	D	**Material** *Material*	**VPE-Stckz.** *Moq-Pcs*
1018CA01	1	Ø 13,0	Ø 2,5	3,5	6,5	**HART-PVC** / *HARD PVC*	2.500
1024CA01	1	Ø 12,0	Ø 3,0	3,0	8,0	**WEICH PVC** / *SOFT PVC*	2.500
1017CA01	1	Ø 17,5	Ø 2,0	3,5	8,0	**HART-PVC** / *HARD PVC*	2.500
1014CA01	1	Ø 19,0	Ø 3,5	4,0	10,0	**HART-PVC** / *HARD PVC*	2.500
1012CA01	1	Ø 24,0	Ø 2,5	4,0	10,0	**HART-PVC** / *HARD PVC*	2.500
1013CA01	1	Ø 21,0	Ø 3,0	3,5	10,5	**HART-PVC** / *HARD PVC*	2.500
1021CA01	1	Ø 19,0	Ø 3,0	5,0	12,0	**WEICH PVC** / *SOFT PVC*	1.000
1022CA01	1	Ø 19,0	Ø 4,0	5,0	12,0	**WEICH PVC** / *SOFT PVC*	1.000
1023CA01	1	Ø 19,0	Ø 5,0	5,0	12,0	**WEICH PVC** / *SOFT PVC*	1.000
1011CA01	1	Ø 29,0	Ø 4,5	6,5	12,0	**HART-PVC** / *HARD PVC*	1.500
1015CA01	1	Ø 19,0	Ø 3,5	7,0	13,0	**HART-PVC** / *HARD PVC*	2.500
1016CA01	1	Ø 18,5	Ø 4,0	12,5	18,0	**HART-PVC** / *HARD PVC*	2.500
1019EA01	2	Ø 24,0	Ø 4,0	6,0	21,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	1.000
1020EA01	2	Ø 24,0	Ø 5,0	6,0	21,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	1.000
4707EA01	2	Ø 24,0	Ø 6,0	6,0	21,0	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	1.000
4708EA01	2	Ø 24,0	Ø 7,0	6,0	210	**POLYETHYLEN LD-PE** / *POLYETHYLENE PE-LD*	1.000

GEHÄUSE - FÜSSE MIT SPREIZBEFESTIGUNG
FEET WITH FAST FIX



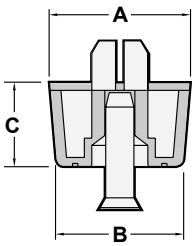


- **Material: PE** / *Material: PE*
- **Material PIN: PP** / *Pin material: PP*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

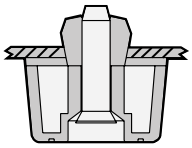
ARTIKEL *P/N*	A	B	C	D	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
6638EA01	Ø 20,8	Ø 19,8	6,4	11,8	Ø 8,0	1,0 - 2,5		500
6639EA01	Ø 20,0	Ø 18,0	10,0	15,4	Ø 8,0	1,0 - 2,5	auch in TPR verfügbar	500
6272EA01	Ø 23,7	Ø 19,5	13,7	19,2	Ø 8,0	1,0 - 2,5		250
6640EA01	Ø 25,0	Ø 23,5	6,5	12,5	Ø 8,0	1,0 - 2,5	auch in TPR verfügbar	500
6641EA01	Ø 30,0	Ø 27,7	12,8	18,8	Ø 8,0	1,0 - 2,5		200
6642EA01	Ø 28,5	Ø 26,5	8,2	14,0	Ø 10,0	1,0 - 3,5		250
5732EA01	Ø 12,7	Ø 12,0	4,4	8,5	Ø 5,0	1,0 - 2,0	auch in TPR verfügbar	1.000
6643EA01	Ø 15,7	Ø 15,0	4,4	8,5	Ø 5,0	1,0 - 2,0	auch in TPR verfügbar	1.000
5736EA01	Ø 20,0	Ø 18,6	4,0	7,0	Ø 8,0	1,0 - 2,0		500
6644EA01	Ø 23,8	Ø 22,0	5,0	10,0	Ø 8,0	1,0 - 2,5		500
6645EA01	Ø 31,5	Ø 28,5	7,8	13,6	Ø 10,0	1,0 - 3,5		250
6646EA01	Ø 20,0	Ø 18,0	15,0	20,8	Ø 8,0	1,0 - 3,0	auch in TPR verfügbar	250
6647EA01	Ø 20,0	Ø 18,0	18,0	24,3	Ø 8,0	0,8 - 1,0	auch in TPR verfügbar	250
5737EA01	Ø 19,5	Ø 18,7	5,0	10,5	Ø 8,0	0,8 - 2,0		500
6648EA01	Ø 29,4	Ø 26,5	15,0	23,0	Ø 10,0	1,0 - 3,5	auch in TPR verfügbar	200
6239EA01	Ø 20,0	Ø 19,3	20,5	25,6	Ø 8,0	0,8 - 2,0		250
6649EA01	Ø 19,2	Ø 17,2	7,9	12,1	Ø 8,0	0,8 - 1,2	auch in TPR verfügbar	500
5738EA01	Ø 23,0	Ø 21,0	8,0	13,3	Ø 8,0	0,8 - 2,0		250
5740EA01	Ø 24,0	Ø 20,0	10,5	15,8	Ø 8,0	0,8 - 2,0		250
5735EA01	Ø 22,0	Ø 21,0	3,5	10,5	Ø 8,0	1,0 - 3,0		500
6650EA01	Ø 26,7	Ø 24,8	16,0	21,0	Ø 8,0	1,0 - 3,0		250
6651EA01	Ø 20,0	Ø 18,0	10,0	13,5	Ø 8,0	0,8 - 2,0		250
6652EA01	Ø 27,0	Ø 26,0	6,9	12,0	Ø 10,0	0,8 - 2,0		250
6653EA01	Ø 14,0	Ø 12,7	5,8	10,6	Ø 6,0	1,0 - 2,5		1.000
6654EA01	Ø 22,0	Ø 20,0	3,5	10,5	Ø 8,0	1,0 - 3,0		500

GEHÄUSEFUSS MIT SPREIZBEFESTIGUNG
FEET WITH FAST FIX





VOR DEM EINFÜHREN
BEFORE INSERTION



NACH DEM EINFÜHREN
AFTER INSERTION

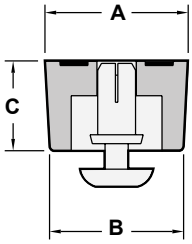
- **Material: Fuß TPE** / *Material: Foot TPE*
- **Material: PIN PP** / *Material: PIN PP*
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich** / Working temperature**: -35°C ~ +90°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
9814EA01	Ø 20,0	Ø 18,0	5,0	Ø 7,7 - 7,8	0,8 - 1,6		200
9824EA01	Ø 20,0	Ø 18,0	8,0	Ø 6,1 - 6,2	0,8 - 2,0		200
9813EA01	Ø 20,0	Ø 18,0	10,0	Ø 7,7 - 7,8	0,8 - 1,5		200
9823EA01	Ø 20,0	Ø 18,0	15,0	Ø 7,7 - 7,8	0,8 - 1,5		200
9815EA01	Ø 21,0	Ø 20,0	6,0	Ø 7,7 - 7,8	5,0 - 8,0		200
9816EA01	Ø 25,0	Ø 23,0	5,0	Ø 7,7 - 7,8	0,8 - 1,5		200

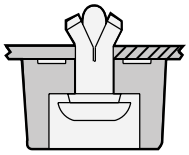
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GEHÄUSEFUSS MIT SPREIZNIETE
FEET WITH SNAP RIVET





VOR DEM EINFÜHREN
BEFORE INSERTION



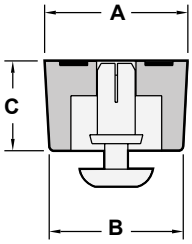
NACH DEM EINFÜHREN
AFTER INSERTION

- **Material: Fuß TPE /** *Material: Foot TPE*
- **Material: Spreizniete PA 6 /** *Material: Rivet PA 6*
- **Entflammbarkeit : Fuß /** *UL Flammability: Foot* **HB (UL94)**
- **Entflammbarkeit : Niete /** *UL Flammability: Rivet* **V2 (UL94)**
- **Farbe: Schwarz /** *Colour: Black*
- **Temperaturbereich /** Working temperature**: -30°C ~ +85°C**
- **Alle Maße sind in mm /** *All dimensions are in mm*

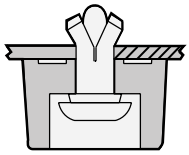
ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
9909EA01	ø 14,2	ø 13,5	5,5	Ø 3,1	0,8 - 1,8		500
9910EA01	ø 14,2	ø 13,5	5,5	Ø 3,1	1,8 - 2,8		500
9788EA01	ø 21,0	ø 20,0	4,2	Ø 4,1	0,8 - 1,8		500
9789EA01	ø 21,0	ø 20,0	4,2	Ø 4,1	1,8 - 2,8		500
9790EA01	ø 21,0	ø 20,0	4,2	Ø 4,1	2,9 - 3,7		500
9791EA01	ø 21,0	ø 20,0	4,2	Ø 4,1	3,8 - 4,8		500
9792EA01	ø 15,0	ø 14,0	6,0	Ø 4,1	0,6 - 1,0		500
9793EA01	ø 15,0	ø 14,0	6,0	Ø 4,1	1,0 - 2,0		1.000
9794EA01	ø 15,0	ø 14,0	6,0	Ø 4,1	2,0 - 3,1		500
9795EA01	ø 15,0	ø 14,0	6,0	Ø 5,1	0,8 - 1,2		500
9796EA01	ø 15,0	ø 14,0	6,0	Ø 5,1	1,3 - 2,3		500
9797EA01	ø 21,0	ø 20,0	6,0	Ø 4,1	0,8 - 1,8		500
9798EA01	ø 21,0	ø 20,0	6,0	Ø 4,1	1,9 - 2,8		500
9799EA01	ø 21,0	ø 20,0	6,0	Ø 4,1	2,9 - 4,0		500
9800EA01	ø 21,0	ø 20,0	8,0	Ø 4,1	max 0,8		500
9801EA01	ø 21,0	ø 20,0	8,0	Ø 4,1	0,8 - 2,0		500
9802EA01	ø 21,0	ø 20,0	8,0	Ø 4,1	2,1 - 3,1		500
9911EA01	ø 15,0	ø 14,0	9,0	Ø 4,1	0,6 - 1,0		500
9803EA01	ø 15,0	ø 14,0	9,0	Ø 4,1	1,0 - 2,0		500
9804EA01	ø 15,0	ø 14,0	9,0	Ø 4,1	2,0 - 3,1		500

GEHÄUSEFUSS MIT SPREIZNIETE
FEET WITH SNAP RIVET





VOR DEM EINFÜHREN
BEFORE INSERTION



NACH DEM EINFÜHREN
AFTER INSERTION

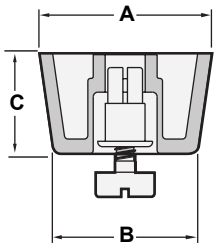
- **Material: Fuß TPE** / *Material: Foot TPE*
- **Material: Spreizniete PA 6** / *Material: Rivet PA 6*
- **Entflammbarkeit : Fuß** / *UL Flammability: Foot* **HB (UL94)**
- **Entflammbarkeit : Niete** / *UL Flammability: Rivet* **V2 (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Temperaturbereich** / Working temperature**: -30°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**Bohrung** *Hole*	**Stärke** *Thickness*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
9912EA01	ø 15,0	ø 14,0	9,0	Ø 5,1	0,8 - 1,2		500
9913EA01	ø 15,0	ø 14,0	9,0	Ø 5,1	1,3 - 2,3		500
9805EA01	ø 10,8	ø 10,0	4,0	Ø 3,6	0,5 - 1,2		500
9806EA01	ø 10,8	ø 10,0	4,0	Ø 3,6	1,0 - 2,0		500
9807EA01	ø 10,8	ø 10,0	4,0	Ø 3,6	1,5 - 2,5		500
9808EA01	ø 10,8	ø 10,0	4,0	Ø 3,6	2,5 - 3,5		500
9809EA01	ø 10,8	ø 10,0	4,0	Ø 3,6	3,5 - 4,5		500

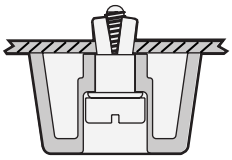
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GEHÄUSEFUSS MIT SPREIZBEFESTIGUNG
FEET WITH SNAP RIVET AND SCREW PIN





VOR DEM EINFÜHREN
BEFORE INSERTION

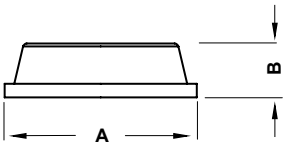


NACH DEM EINFÜHREN
AFTER INSERTION

- **Material: Fuß TPE /** *Material: Foot TPE*
- **Material: Schraube Acetal /** *Material: SCREW Acetal*
- **Material: Spreizniet PA 6** / *Material: Rivet PA 6*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **Farbe: Schwarz** / *Colour: Black*
- **Entflammbarkeit : Fuß** / *UL Flammability: Foot* **HB (UL94)**
- **Entflammbarkeit : Schraube** / *UL Flammability: Screw* **HB (UL94)**
- **Entflammbarkeit : Spreizniet** / *UL Flammability: Rivet* **V2 (UL94)**
- **Temperaturbereich /** Working temperature**: -30°C ~ +85°C**

ARTIKEL *P/N*	A	B	C	Bohrung *Hole*	Stärke *Thickness*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
9786EA01	Ø 24,0	Ø 20,0	14,0	Ø 5,1	1,0 - 2,3		200
9787EA01	Ø 20,0	Ø 18,0	10,0	Ø 5,1	1,0 - 2,3		200
9810EA01	Ø 30,0	Ø 28,0	15,0	Ø 5,1	0,8 - 2,0		100





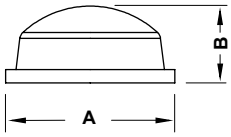
ZYLINDERFORM / *CYLINDRICAL*

- **Material: PU** / *Material: PU*
- **Standardklebeband aus synthetischem Gummi** / *Standard synthetic rubbert*
- **Temperaturbereich** / *Service temperature:* **- 18° bis+80°**
- **auf Anfrage: Acrylat Klebeband** / *Special request: Acylic adhesive*
- **Temperaturbereich** / *Working temperature:* **- 40° bis +145°**
- **Farbe Standard: Schwarz oder Transparent** / *Colour: Black or clear*
- **Sonderfarben:Braun, Grau, Weiß auf Anfrage** / *Additional colours: Brown, Gray and White only by request.*
- **Maßtoleranzen** / *Tolerance: ± 0,5 mm.*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	**Stück pro Lage** *Pieces per pad*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
1121CB01	Ø 12,7	3,5	200		3.000
5551CB01	Ø 12,7	1,5	200		3.000
1124CB01	Ø 12,7	6,4	200		3.000
5552CB01	Ø 16,5	10,2	128		2.560
5553CB01	Ø 12,7	3,5	200		3.000
1126CB01	Ø 20,6	3,0	72		2.520
5554CB01	Ø 9,50	3,2	300		3.000
5555CB01	Ø 9,50	4,8	200		3.000
5556CB01	Ø 19,8	5,1	84		840
5557CB01	Ø 19,1	4,1	98		2.450

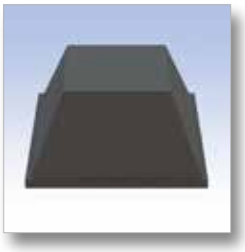


DOM / *HEMISPHERICAL*

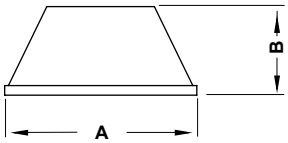


- **Material: PU** / *Material: PU*
- **Standardklebeband aus synthetischem Gummi** / *Standard synthetic rubbert*
- **Temperaturbereich** / *Service temperature:* **- 18° bis+80°**
- **auf Anfrage: Acrylat Klebeband** / *Special request: Acylic adhesive*
- **Temperaturbereich** / *Working temperature:* **- 40° bis +145°**
- **Farbe Standard: Schwarz oder Transparent** / *Colour: Black or clear*
- **Sonderfarben:Braun, Grau, Weiß auf Anfrage** / *Additional colours: Brown, Gray and White only by request.*
- **Maßtoleranzen** / *Tolerance: ± 0,5 mm.*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	**Stück pro Lage** *Pieces per pad*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
1129CB01AF	Ø 11,1	5,1	242		2.420
5558CB01AF	Ø 8,5	2,2	450		2.700
5559CB01AF	Ø 17,8	9,6	98		2.254
5560CB01AF	Ø 9,5	3,8	200		3.000
3480CB01AF	Ø 15,7	7,9	128		1.920
5561CB01AF	Ø 9,5	5,4	300		3.000
3478CB01AF	Ø 7,9	2,2	450		2.700
5562CB01AF	Ø 19,1	1,9	84		2.520
5497CB01AF	Ø 6,4	1,6	578		7.514
5485CB01AF	Ø 10,0	3,0	288		2.880



QUADRATISCH / *SQUARE*

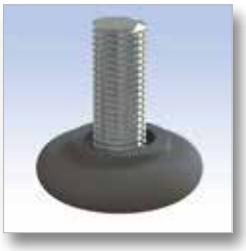


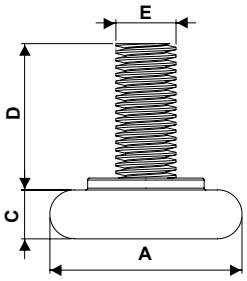
- **Material: PU** / *Material: PU*
- **Standardklebeband aus synthetischem Gummi** / *Standard synthetic rubbert*
- **Temperaturbereich** / *Service temperature: - 18° bis+80°*
- **auf Anfrage: Acrylat Klebeband** / *Special request: Acylic adhesive*
- **Temperaturbereich** / *Working temperature: - 40° bis +145°*
- **Farbe Standard: Schwarz oder Transparent** / *Colour: Black or Clear*
- **Sonderfarben:Braun, Grau, Weiß auf Anfrage** / *Additional colours: Brown, Gray and White only by request.*
- **Maßtoleranzen** / *Tolerance: ± 0,5 mm.*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	**Stück pro Lage** *Pieces per pad*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
3476CB01	⍁ 12,7	5,8	200		3.000
5547CB01	⍁ 19,8	9,7	100		1.000
1142CB01	⍁ 20,6	7,6	98		2.646
3475CB01	⍁ 10,2	2,5	242		3.630
5548CB01	⍁ 19,8	6,4	98		2.940
1141CB01	⍁ 12,7	3,0	200		3.000
5549CB01	⍁ 25,4	4,6	55		2.310

GEHÄUSEFÜSSE HÖHENVERSTELLBAR
ADJUSTABLE LEVELING FEET

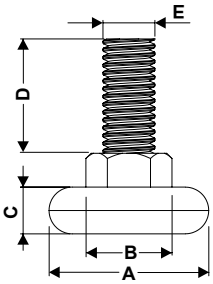
TYPE1



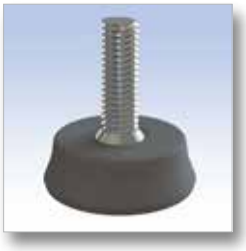


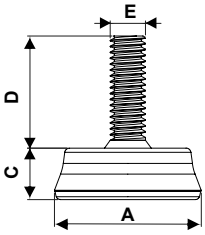
TYPE 2



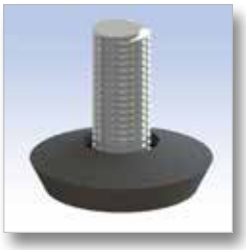


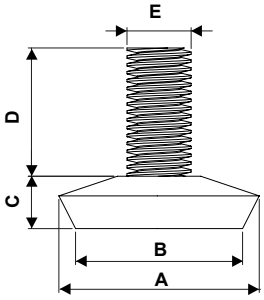
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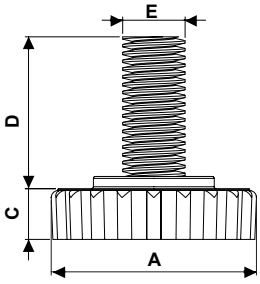
TYPE 4





TYPE 5

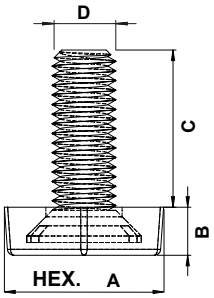




- **Material Fuß: Polyethylen (PE)** / *Feet material: Polyentylene*
- **Material Schraube: Verzinkter Stahl** / *Screw material: Zinc plated iron.*
- **Sonderhöhen und Gewinde auf Anfrage erhältlich** / *Further lenghts-size upon special request.*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	D	E	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
12214EA01FS	1	30,0	-	9,6	22,0	M8		1.000
5326EA01FS	1	30,0	-	9,6	22,0	M10		500
5328EA01FS	2	31,0	17,0	15,8	21,5	M10		500
5958EA01FS	2	31,0	17,0	15,6	47,0	M10		500
5300EA01FS	3	30,0	-	11,0	22,5	M8		500
5322EA01FS	3	30,0	-	11,0	22,0	M10		500
6051EA01FS	3	39,0	-	13,0	22,0	M8		500
6053EA01FS	3	40,0	-	14,5	22,0	M10		500
12296EA01FS	3	40,0	-	13,0	32,0	M10	**Innensechskant im Kopf SW5** *Hexagon socket in the head SW5*	500
6054EA01FS	3	49,0	-	18,5	35,0	M10		250
6055EA01FS	3	50,0	-	17,0	35,0	M12		250
5325EA01FS	4	30,0	26,0	8,0	22,5	M10		1.000
5327EA01FS	5	31,5	-	10,5	22,0	M10		500

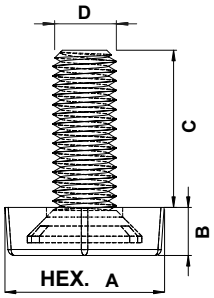




- **Material Fuß: Polyethylen (PE HD) /** *Feet material: Polyehtylene*
- **Material Schraube: Stahl verzinkt** */ Screw material: Zinc plated steel.*
- **Farbe: Schwarz /** *Colour: Black*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
13000EB01GS	20,0	7,0	20,0	M6		1.000
13001EB01GS	20,0	7,0	25,0	M6		1.000
13002EB01GS	20,0	7,0	30,0	M6		1.000
13003EB01GS	20,0	7,0	35,0	M6		1.000
13004EB01GS	20,0	7,0	40,0	M6		1.000
13005EB01GS	20,0	7,0	45,0	M6		1.000
13006EB01GS	20,0	7,0	50,0	M6		1.000
13007EB01GS	20,0	7,0	20,0	M8		1.000
13008EB01GS	20,0	7,0	25,0	M8		1.000
13009EB01GS	20,0	7,0	30,0	M8		1.000
13010EB01GS	20,0	7,0	35,0	M8		1.000
13011EB01GS	20,0	7,0	40,0	M8		1.000
13012EB01GS	20,0	7,0	45,0	M8		1.000
13013EB01GS	20,0	7,0	50,0	M8		1.000
13014EB01GS	20,0	7,0	60,0	M8		1.000
13015EB01GS	25,0	7,5	20,0	M6		1.000
13016EB01GS	25,0	7,5	25,0	M6		1.000
13017EB01GS	25,0	7,5	30,0	M6		1.000
13018EB01GS	25,0	7,5	35,0	M6		1.000
13019EB01GS	25,0	7,5	40,0	M6		1.000
13020EB01GS	25,0	7,5	45,0	M6		1.000
13021EB01GS	25,0	7,5	50,0	M6		1.000
13022EB01GS	25,0	7,5	20,0	M8		1.000
13023EB01GS	25,0	7,5	25,0	M8		1.000
13024EB01GS	25,0	7,5	30,0	M8		1.000
13025EB01GS	25,0	7,5	35,0	M8		1.000
13026EB01GS	25,0	7,5	40,0	M8		1.000
13027EB01GS	25,0	7,5	45,0	M8		1.000

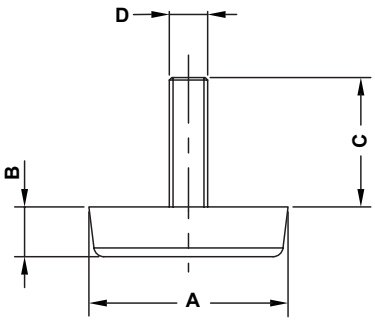




- **Material FUß: Polyethylen (PE HD)** / *Feet material: Polyethylene*
- **Material Schraube: Stahl verzinkt** / *Screw material: Zinc plated steel.*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
13028EB01GS	25,0	7,5	50,0	M8		1.000
13029EB01GS	25,0	7,5	60,0	M8		1.000
13030EB01GS	25,0	7,5	20,0	M10		1.000
13031EB01GS	25,0	7,5	25,0	M10		1.000
13032EB01GS	25,0	7,5	40,0	M10		1.000
13033EB01GS	25,0	7,5	50,0	M10		1.000
13034EB01GS	25,0	7,5	60,0	M10		1.000
13035EB01GS	30,0	8,0	20,0	M6		1.000
13036EB01GS	30,0	8,0	25,0	M6		1.000
13037EB01GS	30,0	8,0	30,0	M6		1.000
13038EB01GS	30,0	8,0	35,0	M6		1.000
13039EB01GS	30,0	8,0	40,0	M6		1.000
13040EB01GS	30,0	8,0	45,0	M6		1.000
13041EB01GS	30,0	8,0	50,0	M6		1.000
13042EB01GS	30,0	8,0	20,0	M8		1.000
13043EB01GS	30,0	8,0	25,0	M8		1.000
13044EB01GS	30,0	8,0	30,0	M8		1.000
13045EB01GS	30,0	8,0	35,0	M8		1.000
13046EB01GS	30,0	8,0	40,0	M8		1.000
13047EB01GS	30,0	8,0	45,0	M8		1.000
13048EB01GS	30,0	8,0	50,0	M8		1.000
13049EB01GS	30,0	8,0	60,0	M8		1.000
13050EB01GS	30,0	8,0	20,0	M10		1.000
13051EB01GS	30,0	8,0	30,0	M10		1.000
13052EB01GS	30,0	8,0	40,0	M10		1.000
13053EB01GS	30,0	8,0	50,0	M10		1.000
13054EB01GS	30,0	8,0	60,0	M10		1.000



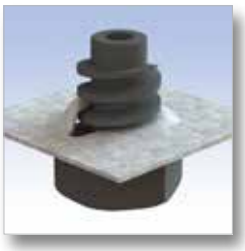


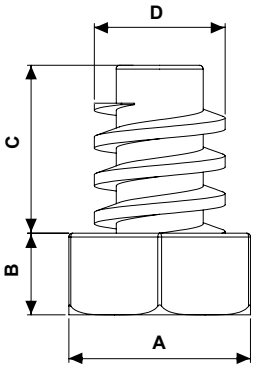
ANTIVIBRANTE
ANTI-VIBRATION

- **Material: TPE** / *Feet material: TPE*
- **Gewinde: Stahl verzinkt** / *Screw material: zinc plated iron*
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
13249GS01	Ø40,0	10,0	24,0	M8		300

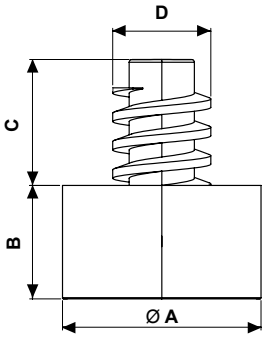
TYPE 1





TYPE 2





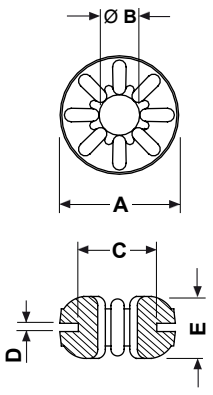
- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich** / *Working temperature:*
  PA 6.6: - 30° bis +85°
  PE-LD: - 25° bis + 60°
  PE-HD: - 25° bis + 60°
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	Material *Material*	VPE-Stckz. *Moq-Pcs*
0089AA01	1	24,0	17,0	22,0	Ø 17,8	**Material: PA 66** / *Material: PA 66*	1.000
12057EA01	1	24,0	5,0	22,5	Ø 17,8	**Polyehtylen (PE - LD)** / *Polyetylene (LD - PE)*	1.000
4483EB01	2	35,0	20,0	22,5	Ø 17,8	**Polyehtylen (PE - HD)** / *Polyetylene (PE - HD)*	1.000
4484EB01	2	35,0	58,0	22,5	Ø 17,8	**Polyehtylen (PE - HD)** / *Polyetylene (PE - HD)*	1.000

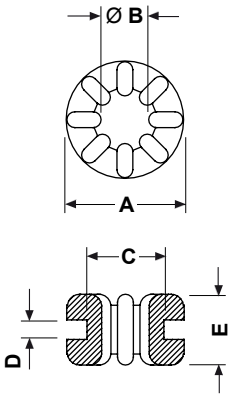
VIBRATIONSDÄMPFER
SPECIAL ANTI VIBRIATION GROMMETS



TYPE 1



TYPE 2



- **Material: TPE shore A45** / *Material: TPE shore A45*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Shore A	VPE-Stckz. *Moq-Pcs*
10743PF01	2	Ø 9,6	3,9	Ø 6,3	0,8	5,8	45	1.000
10744PF01	2	Ø 9,6	3,9	Ø 6,3	1,0	5,8	45	1.000
10745PF01	2	Ø 9,6	5,2	Ø 6,3	1,2	5,8	45	1.000
10746PF01	2	Ø 9,6	3,9	Ø 6,3	1,6	5,8	45	1.000
10747PF01	2	Ø 9,6	4,3	Ø 7,1	2,6	6,6	45	1.000
10748PF01	2	Ø 9,6	3,9	Ø 6,3	3,0	7,0	45	1.000
10749PF01	2	Ø 9,6	3,7	Ø 6,35	3,2	7,6	45	1.000
10750PF01	2	Ø 10,5	4,5	Ø 7,8	1,5	6,8	45	1.000
10751PF01	2	Ø 11,0	4,8	Ø 7,8	1,0	8,0	55	1.000
10752PF01	2	Ø 12,0	6,0	Ø 9,0	1,0	9,0	45	1.000
10753PF01	1	Ø 14,0	4,8	Ø 9,5	1,0	7,5	45	1.000
10754PF01	1	Ø 14,0	4,8	Ø 9,5	1,2	7,4	45	1.000
10755PF01	1	Ø 14,0	4,8	Ø 9,5	1,0	8,1	45	1.000
10766PF01	1	Ø 14,0	4,8	Ø 9,5	1,6	8,1	45	1.000
8045PF01	1	Ø 14,0	4,8	Ø 11,0	1,6	8,1	55	1.000

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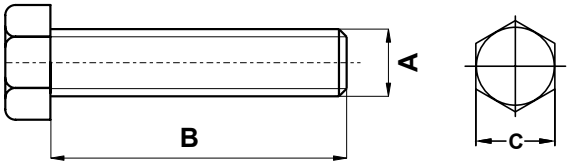
fastpoint

Kunststoffschrauben & Muttern - Unterlegscheiben

Screws and Nuts - Washer

SECHSKANTSCHRAUBE KUNSTSTOFF
HEXAGONAL SCREW PLASTIC





- **Material: PA 6** / *Nylon 6*
- **Farbe: Natur** / *Colour: Natural*
- **ähnlich DIN 34810 (ex. DIN933)** / *estimate according DIN 34810 (ex. DIN933)*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
10350AA00	M 3	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	5,5	1.000
10351AA00	M 4	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	7,0	1.000
10352AA00	M 5	6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	8,0	1.000
10353AA00	M 6	5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30 / 40	10,0	1.000
10354AA00	M 8	5 / 8 / 10 / 12 / 16 / 20 / 25 / 30 / 35	13,0	1.000
10355AA00	M10	20 / 25 / 30 / 40	17,0	1.000
10356AA00	M12	20 / 25 / 30 / 40	19,0	1.000

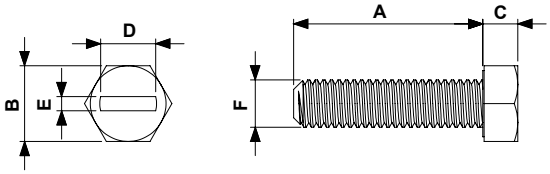
Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.
Bestellbeispiel: 10350AA0003.00 für Schraube 10350AA00 mit Höhe 3,0 mm

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 10350AA0003.00 for the 10350AA00 3,0 mm lenght screw.

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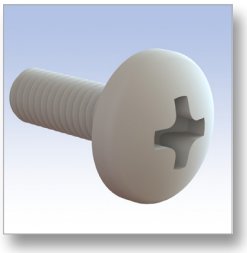


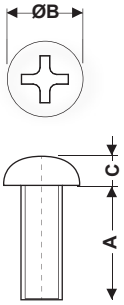
SECHSKANTSCHRAUBEN.
HEXAGONAL HEAD SCREWS.



- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

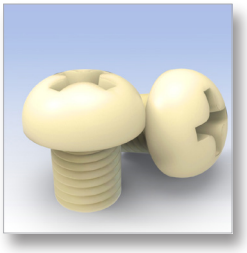
ARTIKEL *P/N*	A	B	C	D	E	F	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
0500AA00	10	7	2,8	5	1,1	M 4		1.000
0502AA00	15	7	2,8	5	1,1	M 4		1.000
0503AA00	20	7	2,8	5	1,1	M 4		1.000
0504AA00	25	7	2,8	5	1,1	M 4		1.000
0505AA00	30	7	2,8	5	1,1	M 4		1.000
0532AA00	10	8	3,7	6	1,4	M 5		1.000
0533AA00	15	8	3,7	6	1,4	M 5		1.000
0534AA00	20	8	3,7	6	1,4	M 5		1.000
0535AA00	25	8	3,7	6	1,4	M 5		1.000
0536AA00	30	8	3,7	6	1,4	M 5		1.000
4006AA00	15	10	4,3	7,8	1,5	M 6		1.000
0516AA00	20	10	4,3	7,8	1,5	M 6		1.000
0517AA00	25	10	4,3	7,8	1,5	M 6		1.000
0518AA00	30	10	4,3	7,8	1,5	M 6		1.000
0542AA00	15	13	5,8	9,8	1,9	M 8		1.000
0543AA00	20	13	5,8	9,8	1,9	M 8		1.000
0544AA00	25	13	5,8	9,8	1,9	M 8		1.000
0545AA00	30	13	5,8	9,8	1,9	M 8		1.000
0546AA00	35	13	5,8	9,8	1,9	M 8		1.000
0507AA00	20	17	7	12,8	2	M 10		1.000
0508AA00	25	17	7	12,8	2	M 10		1.000
0509AA00	30	17	7	12,8	2	M 10		1.000
0510AA00	35	17	7	12,8	2	M 10		1.000
3162AA00	10	12,5	2,8	-	-	M 4		1.000

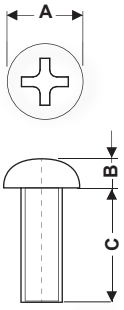




- **Material: PA 6.6** / *PA 6.6*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	Gewinde *Thread*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
3163AB02	15,0	12,5	2,8	M4	**Weiß** - White	1.000
3168AA00	10,0	12,5	2,8	M5	**Natur** - Natural	1.000
3169AA02	15,0	12,5	2,8	M5	**Weiß** - White	1.000
3170AA01	20,0	12,5	2,8	M5	**Schwarz** - Black	1.000
3165AA01	10,0	12,5	2,8	M6	**Schwarz** - Black	1.000
3167AA01	15,0	12,5	2,8	M6	**Schwarz** - Black	1.000
0592AA01	20,0	12,5	2,8	M6	**Schwarz** - Black	1.000







- **Material: Peek** / *Peek*
- **Farbe: Natur** / *Colour: Natural*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

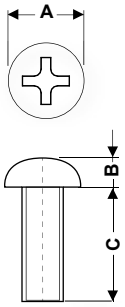
ARTIKEL *P/N*	A	B	*C	Gewinde *Thread*	VPE-Stckz. *Moq-Pcs*
19465PK00	5,5	2,1	4 / 5 / 6 / 8 / 10 / 12 / 14 / 15 / 17 / 18 / 20 / 25 / 30	M3x0,5P	5.000

Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.
Bestellbeispiel: 19465PK0003.00 für Schraube 19465PK00 mit Höhe 3,0 mm

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 19465PK0003.00 for the 19465PK00 3,0 mm lenght screw.

LINSENSCHRAUBE MIT KREUZSCHLITZ
RECESSED PAN SCREW WITH CROSS RECESS





- **Material: siehe Tabelle** / *Material: see Table*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

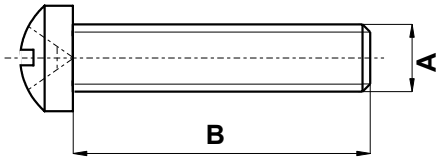
ARTIKEL *P/N*	**A**	**B**	***C**	**Material** *Material*	**Gewinde** *Thread*	**VPE-Stckz.** *Moq-Pcs*
6717AA00	3,3	1,4	3 / 4 / 5 / 6 / 6,5 / 8 / 10 / 12	*PA 6.6*	M2	2.000
6717NA00	3,3	1,4	3 / 4 / 5 / 6 / 6,5 /8 / 10 / 12 / 15	PC	M2	2.000
6718AA00	5,5	2,1	4 / 5 / 6 / 8 / 10 / 12 / 15 / 17 / 18 / 20 / 25	*PA 6.6*	M3	1.000
6719AA00	7,0	2,5	6 / 8 / 10 / 12 / 14 / 16 / 20 / 25 / 30 / 35	*PA 6.6*	M4	1.000
6720AA00	9,1	3,6	20	*PA 6.6*	M5	1.000

Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.
Bestellbeispiel: 6717AA0003.00 für Schraube 6717AA00 mit Höhe 3,0 mm

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 6717AA0003.00 for the 6717AA00 3,0 mm lenght screw.

LINSENSCHRAUBE MIT KREUZSCHLITZ
RECESSED PAN SCREW WITH CROSS RECESS





- **Material: PA 6 /** *Nylon 6*
- **Farbe: Natur /** *Colour: Natural*
- **ähnlich DIN 34812 (ex. DIN7985) /** *estimate according DIN 34812 (ex. DIN7985)*
- **Temperaturbereich /** *Working temperature:* **-30°C ~ +100°C**
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
15695AA00	M 2	4 / 5 / 6 / 8 / 10 / 12 16 / 20 / 25	4,0	1.000
15696AA00	M2.5	4 / 4,5 / 5 / 7 / 8 / 10 / 12 / 16 / 20 / 25	5,0	1.000
10320AA00	M 3	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	6,0	1.000
10321AA00	M 4	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	8,0	1.000
10322AA00	M 5	6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	10,0	1.000
10323AA00	M 6	5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30 / 35	12,0	1.000
10324AA00	M 8	5 / 8 / 10 / 12 / 16 / 20 / 25 / 30 / 35	16,0	1.000

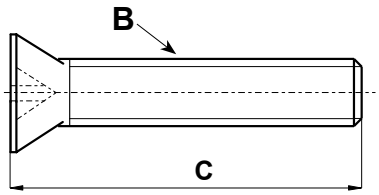
Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.
Bestellbeispiel: 15695AA006.0 für Schraube 15695AA00mit Höhe 6,0 mm

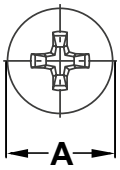
**Please add the wished lenghts to the final part of the code for your order.*
Order example: 15695AA006.0 for the 15695AA00 lenght screw.

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SENKSCHRAUBE MIT KREUZSCHLITZ
RECESSED COUNTERSUNK HEAD SCREW







- **Material: siehe Tabelle** / *Material: see Table*
- **Farbe: Natur** / *Colour: Natural*

- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

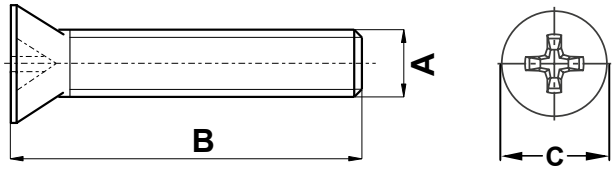
ARTIKEL *P/N*	A	B	*C	Material Material	VPE-Stckz. *Moq-Pcs*
16048NA00	3,8	M2	4,5 / 5,5 / 6,5 / 7,5 / 8,5	PC	2.000
6721AA00	5,3	M3	4,8	*PA 6.6*	1.000
6722AA00	5,6	M3	6,0 / 8,0 / 10,0 / 12,0 / 14,0	*PA 6.6*	1.000
6723AA00	6,0	M3	4,2	*PA 6.6*	2.000
6724AA00	7,6	M4	8,0 / 10,0 / 12,0 / 14,0 / 16,0	*PA 6.6*	1.000
6725AA00	9,1	M5	14,8	*PA 6.6*	1.000

Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.
Bestellbeispiel: 6721NA004.5 für Schraube 6721NA00 mit Höhe 6,0 mm

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 6721NA006.0 for the 6721NA00 lenght screw.

SENKSCHRAUBE MIT KREUZSCHLITZ
RECESSED COUNTERSUNK HEAD SCREW





- **Material: PA 6** / *Nylon 6*
- **Farbe: Hellbraun** / *Colour: Light brown*
- **ähnlich DIN 34811 (ex. DIN965)**
  estimate according DIN 34811 (ex. DIN965)
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B Länge** / *length*	**C**	**VPE-Stckz.** *Moq-Pcs*
10373AA00	M 3	6 / 8 / 10 / 12 / 16	5,6	1.000
10374AA00	M 4	8 / 10 / 12 / 16 / 20 / 25 / 30	7,5	1.000
10375AA00	M 5	10 / 12 / 16 / 20 / 25 / 30 / 35	10,0	1.000
10376AA00	M 6	10 / 12 / 20 / 25 / 30 / 35	11,0	1.000
10377AA00	M 8	10 / 12 / 16 / 20 / 25 / 30 / 35	14,5	1.000

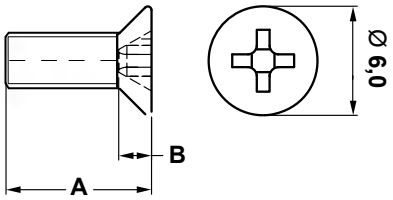
Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.
Bestellbeispiel: 10373A006.0 für Schraube 10373A00 mit Höhe 6,0 mm

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 10373AA006.0 for the 10373AA00 lenght screw.

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PEEK-SENKKOPFSCHRAUBE MIT KREUZSCHLITZ
PEEK COUNTERSUNK HEAD SCREW WITH CROSS





- **Material** / *Material: Peek*
- **Farbe: Hellbraun** / *Colour: Light brown*
- **Entflammbarkeit** / *UL Flammability*: **V0 (UL94)**
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +180°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

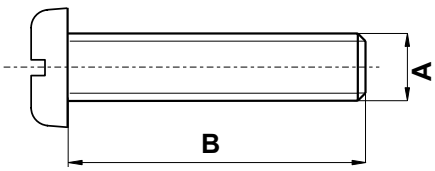
ARTIKEL *P/N*	A	B	C	Gewinde *Thread*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15792PK0004.0	4,0	1,8	Ø6,0	M3		1.000
15792PK0005.0	5,0	1,8	Ø6,0	M3		1.000
15792PK0006.0	6,0	1,8	Ø6,0	M3		1.000
15792PK0008.0	8,0	1,8	Ø6,0	M3		1.000
15792PK0010.0	10,0	1,8	Ø6,0	M3		1.000
15792PK0012.0	12,0	1,8	Ø6,0	M3		1.000
15792PK0014.0	14,0	1,8	Ø6,0	M3		1.000
15792PK0015.0	15,0	1,8	Ø6,0	M3		1.000
15792PK0017.0	17,0	1,8	Ø6,0	M3		1.000
15792PK0018.0	18,0	1,8	Ø6,0	M3		1.000
15792PK0020.0	20,0	1,8	Ø6,0	M3		1.000
15792PK0025.0	25,0	1,8	Ø6,0	M3		1.000
15792PK0030.0	30,0	1,8	Ø6,0	M3		1.000

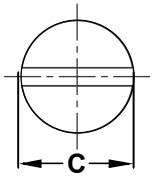
DER WERKSTOFF PEEK HAT VIELE VORTEILE:
– Hohe Temperaturbeständigkeit
– Effizient bei niederen Temperaturen
– Maßhaltigkeit und thermische Stabilität
– Ausgezeichnete mechanische Eigenschaften (Abrieb-, Stoß- und Ermüdungsbeständigkeit)
– Ausgezeichnete chemische Beständigkeit (außer kon zentrierte Schwefelsäure, konzentrierte Salpetersäure und konzentrierte Fluorwasserstoffsäure)
– Ausgezeichnete Wasserbeständigkeit
– Abnutzungs- und Korrosionsbeständigkeit
– Schwer entflammbar, Brandklassifikation nach UL 94 V0

THE PEEK MATERIAL HAS MANY ADVANTAGES:
- High temperature resistance
- Efficiency at low temperatures
- Dimensional and thermal stability
- Excellent mechanical properties (abrasion, shock, and fatigue resistance)
- Excellent water resistance
- Excellent Chemical Resistance (excluding concentrate sulfuric acid, concentrate nitric acid, and concentrate hydrofluoric acid)
- Wear and corrosion resistance
- Low flammability, combustibility according to UL 94 V0

FLACHKOPFSCHRAUBE MIT SCHLITZ
FLAT HEAD SCREW WITH SLIT







- **Material: PA 6** / *Nylon 6*
- **Farbe: Natur** / *Colour: Natural*
- **ähnlich DIN EN ISO 1580** / *estimate according DIN EN ISO 1580*
  ehemals DIN85 / *ex DIN85*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	*B	C	VPE-Stckz. *Moq-Pcs*
15671AA00	M2	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25	4,0	1.000
15672AA00	M 2.5	4 / 4.5 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25	5,0	1.000
10311AA00	M 3	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	6,0	1.000
10312AA00	M 4	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	8,0	1.000
10313AA00	M 5	6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	10,0	1.000
10314AA00	M 6	5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30 / 35	12,0	1.000
10315AA00	M 8	5 / 8 / 10 / 12 / 16 / 20 / 25 / 30 / 35	15,0	1.000

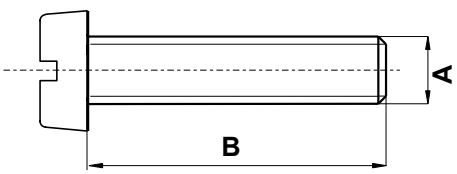
***Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.**
Bestellbeispiel: 15671AA006.0 für Schraube 15671AA00 mit Höhe 6,0 mm

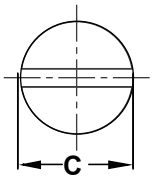
**Please add the wished lenghts to the final part of the code for your order.*
Order example: 15671AA006.0 for the 15671AA00 lenght screw.

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ZYLINDERSCHRAUBE MIT SCHLITZ
PAN HEAD SCREW WITH SLIT







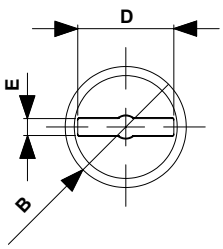
- **Material: PA 6** / *Nylon 6*
- **Farbe: Natur** / *Colour: Natural*
- **ähnlich DIN EN ISO 1207** / *estimate according DIN EN ISO 1207*
  ehemals DIN84 / *ex DIN84*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

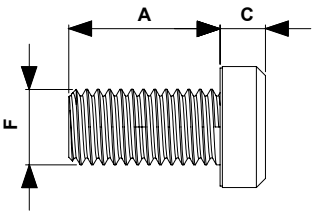
ARTIKEL *P/N*	A	**B Gewindelänge** / *thread length*	**C**	**VPE-Stckz.** *Moq-Pcs*
18176AA00	M 2	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25	3,8	1.000
18177AA00	M 2.5	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25	4,5	1.000
10302AA00	M 3	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	5,5	1.000
10303AA00	M 4	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	7,0	1.000
10304AA00	M 5	8 / 10 / 12 / 16 / 20 / 25 / 30 / 35	8,5	1.000
10305AA00	M 6	5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30 / 35	10,0	1.000
10306AA00	M 8	5 / 8 / 10 / 12 / 16 / 20 / 25 / 30 / 35	13,0	1.000

***Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.**
Bestellbeispiel: 18176AA004.5 für Schraube 18176AA00 mit Höhe 6,0 mm

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 18176AA006.0 for the 18176AA00 lenght screw.



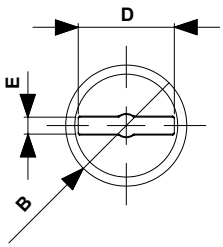


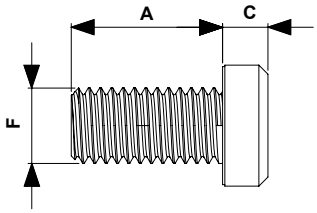


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
4003AA00	6	5,5	1,8	3,8	1	M 3		1.000
4004AA00	8	5,5	1,8	3,8	1	M 3		1.000
4005AA00	10	5,5	1,8	3,8	1	M 3		1.000
3118AA00	15	5,5	1,8	3,8	1	M 3		1.000
3119AA00	20	5,5	1,8	3,8	1	M 3		1.000
0559AA02	6	5,5	1,8	3,8	0,8	M 4	**nur Weiß** / only *White*	1.000
4007AA02	8	5,5	1,8	3,8	0,8	M 4	**nur Weiß** / only *White*	1.000
4008AA02	10	5,5	1,8	3,8	0,8	M 4	**nur Weiß** / only *White*	1.000
0565AA00	10	7	2,8	5	1	M 4		1.000
0566AA00	15	7	2,8	5	1	M 4		1.000
0567AA00	20	7	2,8	5	1	M 4		1.000
3130AA00	25	7	2,8	5	1	M 4		1.000
3131AA00	30	7	2,8	5	1	M 4		1.000
3132AA00	35	7	2,8	5	1	M 4		1.000
0576AA00	10	8,5	3,3	6	1,4	M 5		1.000
0577AA00	15	8,5	3,3	6	1,4	M 5		1.000
0578AA00	20	8,5	3,3	6	1,4	M 5		1.000
3121AA00	25	8,5	3,3	6	1,4	M 5		1.000
3122AA00	30	8,5	3,3	6	1,4	M 5		1.000
3123AA00	35	8,5	3,3	6	1,4	M 5		1.000
3133AA00	7	10	4,1	7	1,6	M 6		1.000
3134AA00	12	10	4,1	7	1,6	M 6		1.000
0530AA00	20	10	4,1	7	1,6	M 6		1.000
3135AA00	25	10	4,1	7	1,6	M 6		1.000
3136AA00	30	10	4,1	7	1,6	M 6		1.000
3124AA00	15	13	5	10	2	M 8		1.000
3125AA00	20	13	5	10	2	M 8		1.000
3126AA00	25	13	5	10	2	M 8		1.000



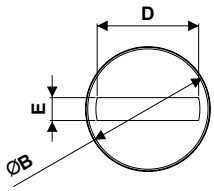


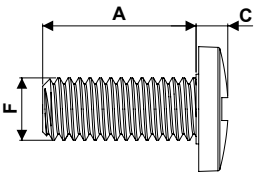


- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
3128AA00	35	13	5	10	2	M 8		1.000
3137AA00	20	16	6	12,7	2,2	M 10		1.000
3138AA00	25	16	6	12,7	2,2	M 10		1.000
3139AA00	30	16	6	12,7	2,2	M 10		1.000
3140AA00	35	16	6	12,7	2,2	M 10		1.000



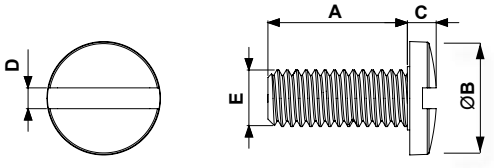




- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
3142AA00	10,0	12,0	2,8	10,0	2,2	M 4x0,7		1.000
3143AA00	15,0	12,0	2,8	10,0	2,2	M 4x0,7		1.000
3144AA00	20,0	12,0	2,8	10,0	2,2	M 4x0,7		1.000
3149AA00	10,0	12,0	2,8	10,0	2,2	M 5x0,8		30.000
3151AA00	20,0	12,0	2,8	10,0	2,2	M 5x0,8		30.000
3145AA00	10,0	12,0	2,8	10,0	2,2	M 6x1		1.000
3147AA00	15,0	12,0	2,8	10,0	2,2	M 6x1		1.000
3148AA00	20,0	12,0	2,8	10,0	2,2	M 6x1		1.000



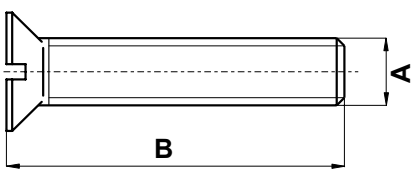


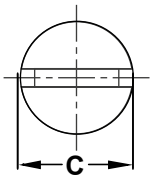
- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
3152AA00	10,0	10,0	2,8	1,4	M 4		1.000
3153AA00	15,0	10,0	2,8	1,4	M 4		1.000
3154AA00	20,0	10,0	2,8	1,4	M 4		1.000
3159AA00	10,0	10,0	2,8	1,4	M 5		1.000
3160AA00	15,0	10,0	2,8	1,4	M 5		1.000
3161AA00	20,0	10,0	2,8	1,4	M 5		1.000
3155AA00	10,0	10,0	2,8	1,4	M 6		1.000
3157AA00	15,0	10,0	2,8	1,4	M 6		1.000
3158AA00	20,0	10,0	2,8	1,4	M 6		1.000

SENKKOPFSCHRAUBE MIT SCHLITZ
COUNTERSUNK HEAD SCREW WITH SLIT







- **Material: PA 6** / *Nylon 6*
- **Farbe: Natur** / *Colour: Natural*
- **ähnlich: (DIN 963) EN ISO 2009** /
  Estimate according: (DIN 963) EN ISO 2009
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Alle Maße sind in mm** / *All dimensions are in mm*

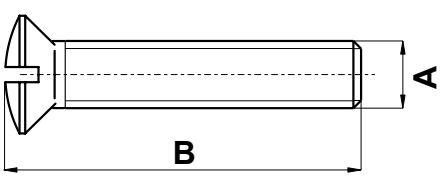
ARTIKEL *P/N*	A	*B	C	VPE-Stckz. *Moq./Pcs.*
10359AA00	M 3	6 / 8 / 10 / 12 / 16 / 20	5,6	1.000
10360AA00	M 4	8 / 10 / 12 / 16 / 20 / 25 / 30	7,5	1.000
10361AA00	M 5	8 / 10 / 12 / 16 / 20 / 25 / 30	9,2	1.000
10362AA00	M 6	10 / 12 / 20 / 25 / 30 / 35	11,0	1.000
10363AA00	M 8	10 / 12 / 20 / 25 / 30 / 35	14,5	1.000

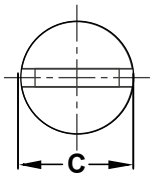
***Add the desired length to the final part of the code to order.**
Ordering example: 10359AA0008.0 for screw 10359AA00 with height 8.0 mm

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 10359AA0008.0 for the 10359AA00 8,0 mm lenght screw.

LINSENSENKSCHRAUBE MIT SCHLITZ
RAISED COUNTERSUNK HEAD SCREW WITH SLIT







- **Material: PA 6 /** *Nylon 6*
- **Farbe: Natur /** *Colour: Natural*
- **ähnlich DIN EN ISO 2010 /** *estimate according DIN EN ISO 2010*
- **Temperaturbereich /** *Working temperature:* **-30°C ~ +100°C**
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	**B Länge /** *length*	**C**	**VPE-Stckz.** *Moq-Pcs*
10367AA00	M 3	6 / 8 / 10 / 12 / 16	5,6	1.000
10368AA00	M 4	8 / 10 / 12 / 16 / 20 / 25 / 30	7,5	1.000
10369AA00	M 5	10 / 12 / 16 / 20 / 25 / 30	9,2	1.000
10370AA00	M 6	10 / 12 / 16 / 20 / 25 / 30 / 40	11,0	1.000
10371AA00	M 8	10 / 12 / 16 / 20 / 25 / 30 / 35	14,5	1.000

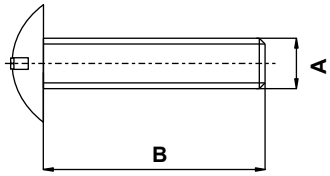
***Add the desired length to the final part of the code to order.**
Ordering example: 10367AA0008.0 for screw 10367AA00 with height 8.0 mm

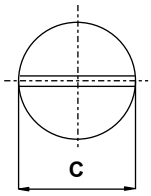
**Please add the wished lenghts to the final part of the code for your order.*
Order example: 10367AA0008.0 for the 10367AA00 8,0 mm lenght screw.

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FLACHKOPFSCHRAUBE MIT SCHLITZ
FLAT HEAD SCREW WITH SLIT







- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

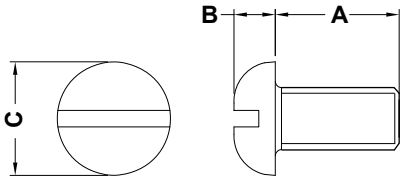
ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
10327AA00	M 3	9,0	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	1.000
10328AA00	M 4	9,0	4 / 5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	1.000
10329AA00	M 5	11,0	6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	1.000
10330AA00	M 6	14,0	6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	1.000

***Add the desired length to the final part of the code to order.**
Ordering example: 10327AA0008.0 for screw 10327AA00 with height 8.0 mm

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 10327AA0008.0 for the 10327AA00 8,0 mm lenght screw.

PEEK FLACHKOPFSCHRAUBE MIT SCHLITZ
PEEK FLAT HEAD SCREW WITH SLIT





- **Material** / *Material: Peek*
- **Temperaturbereich** / *Working temperature: Max 240°C*
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Hellbraun** / *Colour: Light brown*
- **Alle Maße sind in mm** / *All dimensions are in mm*

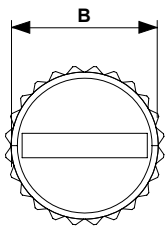
ARTIKEL *P/N*	A	B	C	Gewinde *Thread*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
15791PK0004.0	4,0	2,1	Ø5,5	M3		1.000
15791PK0005.0	5,0	2,1	Ø5,5	M3		1.000
15791PK0006.0	6,0	2,1	Ø5,5	M3		1.000
15791PK0008.0	8,0	2,1	Ø5,5	M3		1.000
15791PK0010.0	10,0	2,1	Ø5,5	M3		1.000
15791PK0012.0	12,0	2,1	Ø5,5	M3		1.000
15791PK0014.0	14,0	2,1	Ø5,5	M3		1.000
15791PK0015.0	15,0	2,1	Ø5,5	M3		1.000
15791PK0017.0	17,0	2,1	Ø5,5	M3		1.000
15791PK0018.0	18,0	2,1	Ø5,5	M3		1.000
15791PK0020.0	20,0	2,1	Ø5,5	M3		1.000
15791PK0025.0	25,0	2,1	Ø5,5	M3		1.000
15791PK0030.0	30,0	2,1	Ø5,5	M3		1.000

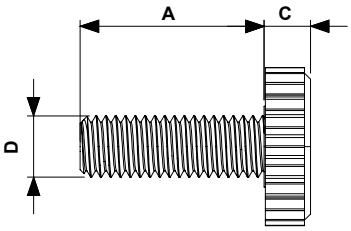
DER WERKSTOFF PEEK HAT VIELE VORTEILE:
– Hohe Temperaturbeständigkeit
– Effizient bei niederen Temperaturen
– Maßhaltigkeit und thermische Stabilität
– Ausgezeichnete mechanische Eigenschaften (AbriebStoß- und Ermüdungsbeständigkeit)
– Ausgezeichnete chemische Beständigkeit (außer konzentrierte Schwefelsäure, konzentrierte Salpetersäure und konzentrierte Fluorwasserstoffsäure)
– Ausgezeichnete Wasserbeständigkeit
– Abnutzungs- und Korrosionsbeständigkeit
– Schwer entflammbar, Brandklassifikation nach UL 94 V0

THE PEEK MATERIAL HAS MANY ADVANTAGES:
- High temperature resistance
- Efficiency at low temperatures
- Dimensional and thermal stability
- Excellent mechanical properties (abrasion, shock, and fatigue resistance)
- Excellent water resistance
- Excellent Chemical Resistance (excluding concentrate sulfuric acid, concentrate nitric acid, and concentrate hydrofluoric acid)
- Wear and corrosion resistance
- Low flammability, combustibility according to UL 94 V0

KUNSTSTOFF RÄNDELSCHRAUBE MIT SCHLITZ
PLASTIC SCREWS

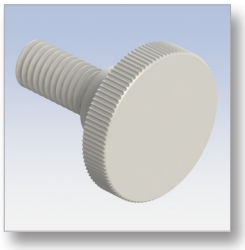




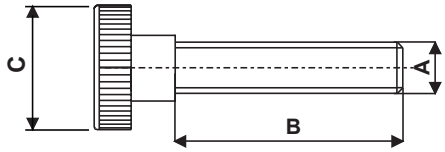


- **Material: PA 6.6 25% GV** / *Material: Nylon 6.6 25% GV*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz oder Weiß** / *Colour: Black or White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
0572BB01	6	13	3,8	M 4		1.000
0573BB01	10	13	3,8	M 4		1.000
0574BB01	15	13	3,8	M 4		1.000
0575BB01	20	13	3,8	M 4		1.000
0582BB01	10	13	3,8	M 5		1.000
0583BB01	15	13	3,8	M 5		1.000
0584BB01	20	13	3,8	M 5		1.000
0588BB01	10	13	3,8	M 6		1.000
0590BB01	20	13	3,8	M 6		1.000

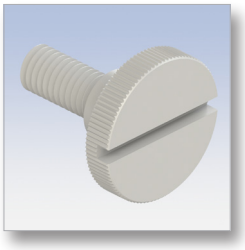


DIN 464

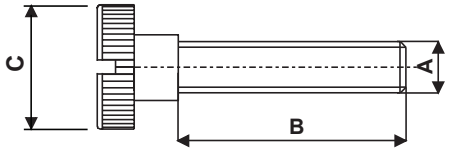


- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30° C. bis + max 100° C**
- **ohne Schlitz DIN 464 / mit Schlitz DIN465**
  without Slit DIN 464 / with Slit DIN 465
- **Farbe : Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B Gewindelänge / *thread length*	C	VPE-Stckz. *Moq-Pcs*
10325AA00	**M 4**	6 / 8 / 10 / 12 / 14 / 16 / 18 / 20 / 25 / 28 / 30	16,0	1.000



DIN 465



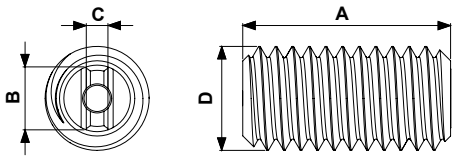
- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30° C. bis + max 100° C**
- **ohne Schlitz DIN 464 / mit Schlitz DIN465**
  without Slit DIN 464 / with Slit DIN 465
- **Farbe : Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B Gewindelänge / *thread length*	C	VPE-Stckz. *Moq-Pcs*
10326AA00	**M 5**	10 / 12 / 14 / 16 / 18 / 20 / 22 / 24 / 28 / 30	20,0	1.000

***Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.**
Bestellbeispiel: 10326AA0010.0 für Schraube 103AA00 mit Höhe 10,0 mm

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 10326AA0010.0 for the 10326AA00 lenght screw.

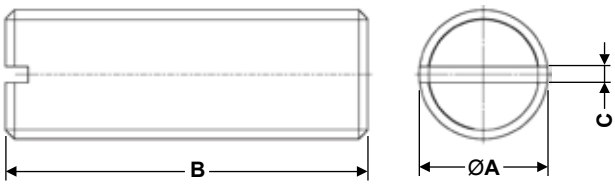




- **Material: siehe Tabelle** / *Material: see Table*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Entflammbarkeit: siehe Tabelle** / *Flammability: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**Material** *Material*	**Farbe** *Colour*	**VPE-Stckz.** *Moq-Pcs*
3245AA00	10,0	3,0	0,7	M 4	PA 6.6 V2 (UL94)	**Natur oder Schwarz** / *Natural or Black*	1.000
3247AA00	15,0	3,0	0,7	M 4	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
3248AA00	20,0	3,0	0,7	M 4	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
3249AA00	25,0	3,0	0,7	M 4	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
3250AA00	30,0	3,0	0,7	M 4	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
3251AA00	35,0	3,0	0,7	M 4	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
3257AA00	6,0	3,6	1,0	M 5	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
0551AA00	10,0	3,6	1,0	M 5	PA 6.6 V2 (UL94)	**Natur oder Schwarz** / *Natural or Black*	1.000
0552AA00	15,0	3,6	1,0	M 5	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
0553AA00	20,0	3,6	1,0	M 5	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
0554AA00	25,0	3,6	1,0	M 5	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
0556AA01	35,0	3,6	1,0	M 5	PA 6.6 V2 (UL94)	**Schwarz** / *Black*	1.000
0524AA00	6,0	2,0	0,8	M 3	PA 6.6 V2 (UL94)	**Natur oder Schwarz** / *Natural or Black*	1.000
0525AA00	8,0	2,0	0,8	M 3	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
3267AA00	10,0	2,0	0,8	M 3	PA 6.6 V2 (UL94)	**Natur** / *Natural*	1.000
0526AA02	4,0	2,0	0,8	M 4	PA 6.6 V2 (UL94)	**Weiß** / *White*	1.000
0527AA01	6,0	2,0	0,8	M 4	PA 6.6 V2 (UL94)	**Weiß oder Schwarz** / *White or Black*	1.000
4009AA01	8,0	2,0	0,8	M 4	PA 6.6 V2 (UL94)	**Weiß oder Schwarz** / *White or Black*	1.000
4010AA01	10,0	2,0	0,8	M 4	PA 6.6 V2 (UL94)	**Weiß oder Schwarz** / *White or Black*	1.000
0538AA01	6,0	3,9	1,2	M 6	PA 6.6 V2 (UL94)	**Schwarz** / *Black*	1.000
0539BB01	8,0	3,9	1,2	M 6	PA 6.6 CV HB (UL94)	**Schwarz** / *Black*	1.000
0540BB01	10,0	3,9	1,2	M 6	PA 6.6 CV HB (UL94)	**Weiß oder Schwarz** / *White or Black*	1.000
0541GA02	15,0	3,9	1,2	M 6	POM HB (UL94)	**Weiß oder Schwarz** / *White or Black*	1.000
0560GA01	8,0	5,8	1,8	M8	POM HB (UL94)	**Weiß oder Schwarz** / *White or Black*	1.000
0561GA01	11,0	5,8	1,8	M8	POM HB (UL94)	**Weiß oder Schwarz** / *White or Black*	1.000





- **Material: PA 6** / *Material: PA 6*
- **Temperaturbereich** / / *Working temperature:* **-30°C ~ +100° C**
- **Referenznorm: EN ISO 24766 (DIN 551)** / *Estimate according: EN ISO 24766 (DIN 551)*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

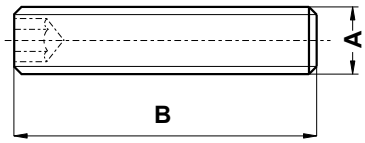
CODICE *P/N*	A	*B	C	CONF./PZ. *Moq./Pcs.*
10331AA00	M 3	8 / 10 / 16	0,5	1.000
10332AA00	M 4	6 / 8 / 10 / 12 / 16 / 30	0,7	1.000
10333AA00	M 5	5 / 6 / 8 / 10 / 12 / 16	0,9	1.000
10334AA00	M 6	5 / 6 / 8 / 10 / 12 / 16 / 20 / 30	1,2	1.000
10335AA00	M 8	8 / 10 / 16 / 20	1,3	1.000
10336AA00	M10	14 / 20	1,6	1.000

***Fügen Sie die gewünschte Länge am Ende des Bestellcodes hinzu.**
Bestellbeispiel: 10331AA008.0 für Schraube 10331AA00 mit Höhe 8,0 mm

**Please add the wished lenghts to the final part of the code for your order.*
Order example: 10331AA008.0 for the 10331AA00 lenght screw.

GEWINDESTIFT MIT INNENSECHSKANT
PLASTIC SCREWS



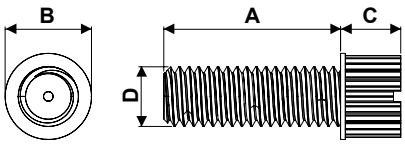


- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **ähnlich DIN 913**
  estimate according DIN 913
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B Gewindelänge / *thread length*	VPE-Stckz. *Moq-Pcs*
19252AA00	M4	6 / 8 / 10 / 12 / 16 / 20 / 25	1.000
10338AA00	M 5	5 / 6 / 8 / 10 / 12 / 16 / 18 / 20 / 21 / 25 / 30 / 31 / 40	1.000
10339AA00	M 6	5 / 6 / 8 / 10 / 12 / 13 / 18 / 20 / 21 / 25 / 26 / 30 / 35 / 40 / 50	1.000
10340AA00	M 8	5 / 6 / 8 / 10 / 12 / 14 / 16 / 18 / 20 / 22 / 25 / 26 / 30 / 35 / 40 / 50	1.000
19253AA00	M10	10 / 12 / 16 / 20 / 25 / 30 / 40 / 50	1.000

RÄNDELSCHRAUBE
PLASTIC SCREWS



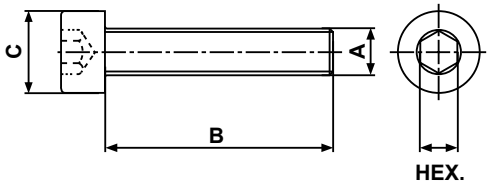


- **Material: PA 6.6 25% GV** / *Material: Nylon 6.6 25% GV*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
0568BB01	6,0	7,0	5,0	M 4		1.000
0569AB01	10,0	7,0	5,0	M 4		1.000
0570BB01	15,0	7,0	5,0	M 4		1.000
0571BB01	20,0	7,0	5,0	M 4		1.000
0579BB01	10,0	7,0	5,0	M 5		1.000

ZYLINDERSCHRAUBE MIT INNENSECHSKANT
PAN HEAD SCREW WITH HEXAGONAL SOCKET



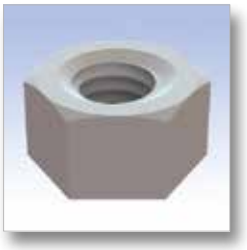


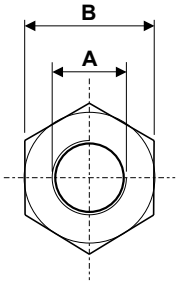
- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **ähnlich DIN 912**
  estimate according DIN 912
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

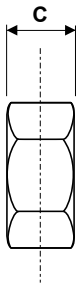
ARTIKEL *P/N*	A	B Gewindelänge / *thread length*	C	HEX.	VPE-Stckz. *Moq-Pcs*
10341AA00	M 3	4 / 6 / 8 / 10 / 12 / 16 / 20 / 25	5,5	2,5	1.000
10342AA00	M 4	4 / 6 / 8 / 10 / 12 / 16 / 20 / 25	7,0	3,0	1.000
10343AA00	M 5	6 / 8 / 10 / 12 / 16 / 20 / 25 / 30	8,5	4,0	1.000
10344AA00	M 6	5 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 30 / 35 / 40	10,0	5,0	1.000
10345AA00	M 8	5 / 8 / 10 / 12 / 16 / 20 / 25 / 30	13,0	6,0	1.000

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SECHSKANTMUTTER KUNSTSTOFF
HEXAGONAL NUT



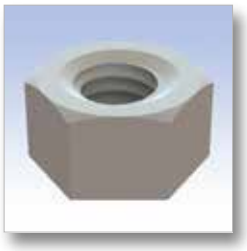




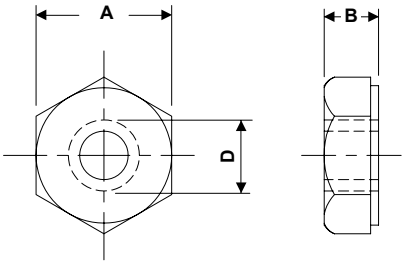
- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **ähnlich DIN 34814**
  estimate according DIN 34814
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	**DIN**	**VPE-Stckz.** *Moq-Pcs*
10411AA00	M 2	4,0	1,2	34814	1.000
10412AA00	M 2,5	5,0	2,0	34814	1.000
10413AA00	M 3	6,0	2,3	34814	1.000
10414AA00	M 4	7,0	3,2	34814	1.000
10415AA00	M 5	8,0	4,0	34814	1.000
10416AA00	M 6	10,0	5,0	34814	1.000
10417AA00	M 8	13,0	6,4	34814	1.000
10418AA00	M 10	17,0	8,0	555/934	1.000
10419AA00	M 12	18,0	10,1	555/934	1.000
10420AA00	M 14	21,0	12,8	34814	1.000
10421AA00	M 16	24,0	14,8	34814	1.000
10422AA00	M 20	30,0	18,0	34814	1.000
10423AA00	M 24	36,0	21,5	34814	1.000

TYPE 1

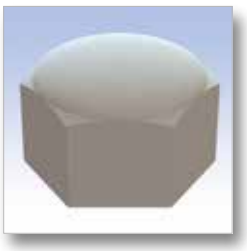


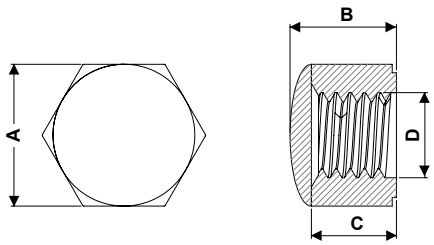




TYPE 2





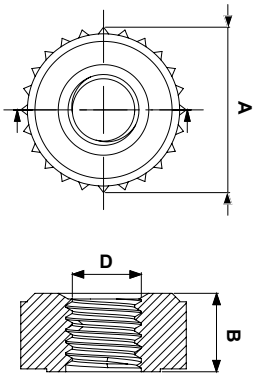


- **Material: PA 6.6 25% GV** / *Material: Nylon 6.6 25% GV*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

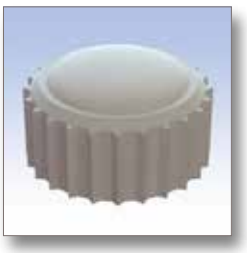
ARTIKEL *P/N*	**TYPE**	A	B	C	D	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
1049BB00	1	5,5	3,3	-	M3	**Natur, Weiß oder Schwarz** / *Natural, White or Black*	1.000
1050BB00	1	7,0	4,2	-	M4	**Natur, Weiß oder Schwarz** / *Natural, White or Black*	1.000
1051BB00	1	8,0	5,2	-	M5	**Natur, Weiß oder Schwarz** / *Natural, White or Black*	1.000
1052BB00	1	10,0	6,0	-	M6	**Natur, Weiß oder Schwarz** / *Natural, White or Black*	1.000
1053BB00	1	13,0	8,3	-	M8	**Natur, Weiß oder Schwarz** / *Natural, White or Black*	1.000
1054BB00	1	17,0	10,0	-	M10	**Natur, Weiß oder Schwarz** / *Natural, White or Black*	1.000
1037BB01	2	5,5	4,0	3,0	M3	**Nur Schwarz** / *only Black*	1.000
1038BB00	2	7,0	5,5	4,2	M4	**Natur, Weiß oder Schwarz** / *Natural, White or Black*	1.000
1039BB01	2	8,0	6,5	5,2	M5	**Schwarz oder Weiß** / *Black or White*	1.000
1040BB00	2	10,0	7,5	6,0	M6	**Natur, Weiß oder Schwarz** / *Natural, White or Black*	1.000
1041BB00	2	13,0	10,0	8,3	M8	**Natur, Weiß oder Schwarz** / *Natural, White or Black*	1.000
1042AB01	2	17,0	12,5	10,0	M10	**Schwarz oder Weiß** / *Black or White*	1.000

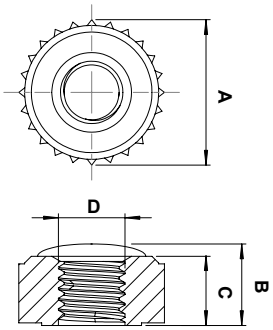
TYPE 1





TYPE 2



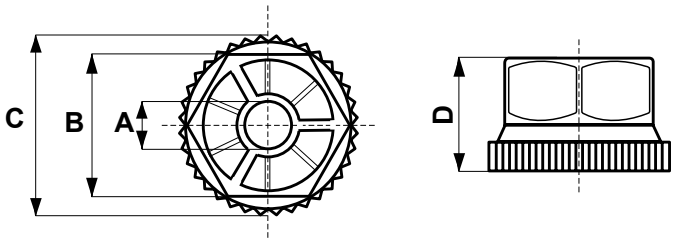


- **Material: PA 6.6 25% GV** / *Material: Nylon 6.6 25% GV*
- **Temperaturbereich** / *Working temperature:* **-35°C ~ +100°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz oder Weiß** / *Colour: Black or White*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	A	B	C	D	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
1055BB02	1	8,0	3,0	-	M3		1.000
1056BB02	1	10,0	4,2	-	M4		1.000
1057BB02	1	13,0,	5,2	-	M5		1.000
1058BB02	1	12,5	6,0	-	M6		1.000
1059BB02	1	17,5	8,3	-	M8		1.000
1060BB02	1	21,5	10	-	M10		1.000
1043BB02	2	8,0	4,0	3,0	M3		1.000
1044BB02	2	10,0	5,5	4,2	M4		1.000
1045BB02	2	13,0	6,5	5,2	M5		1.000
1046BB02	2	12,5	7,5	6,0	M6		1.000
1047BB02	2	17,5	10,0	8,3	M8		1.000
1048BB02	2	21,5	12,5	10,0	M10		1.000

SCHIEBEMUTTER
SLIDE NUT



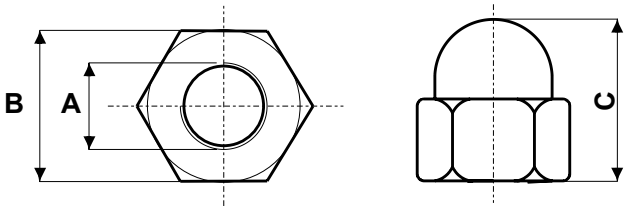


- **Material: PA 66** / *Nylon 66*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +85°C**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	VPE-Stckz. *Moq-Pcs*
10438AA01	M 3	7,0	8,2	4,0	1.000
10439AA01	M 4	8,0	9,4	4,7	1.000
10440AA01	M 5	10,0	11,7	5,8	1.000
10441AA01	M 6	13,0	15,2	7,0	1.000
18306AA01	M 8	17,0	20,0	8,6	1.000
18307AA01	M 10	19,0	21,9	10,5	1.000

SECHSKANTMUTTER
HEXAGONAL NUT





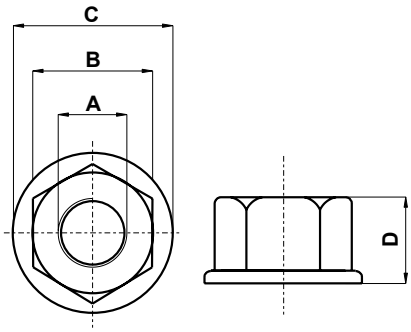
- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **ähnlich DIN EN ISO 1587** *estimate according DIN EN ISO 1587*
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	VPE-Stckz. *Moq-Pcs*
10424AA00	M 3	6,0	6,0	1.000
10425AA00	M 4	7,0	8,0	1.000
10426AA00	M 5	8,0	10,0	1.000
10427AA00	M 6	10,0	12,0	1.000
10428AA00	M 8	13,0	15,0	1.000
10429AA00	M 10	17,0	18,0	1.000
10430AA00	M 12	18,0	22,0	1.000

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SECHSKANTMUTTER MIT FLANSCH
HEXAGONAL NUT WITH FLANGE



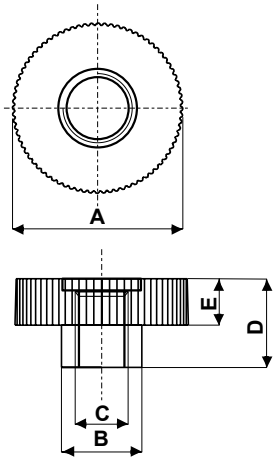


- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**VPE-Stckz.** *Moq-Pcs*
10432AA00	M 3	5,5	7,0	2,3	1.000
10433AA00	M 4	7	9,5	3,2	1.000
10434AA00	M 5	8	11,0	4,0	1.000
10435AA00	M 6	10	13,0	5,0	1.000
10436AA00	M 8	13	16,8	7,4	1.000
10437AA00	M 10	16	22,0	8,0	1.000

RÄNDELMUTTER FEIN KUNSTSTOFF
KNURLED NUT



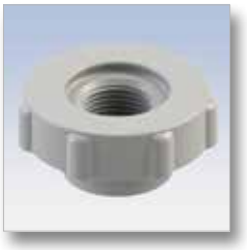


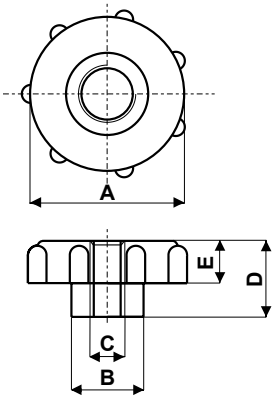
- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **ähnlich DIN 466 & DIN 467**
  estimate according DIN 466 & DIN 467
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
10382AA00	12,0	7,0	M 3	7,0	3,5	DIN 466	1.000
10390AA00	12,0	8,5	M 3	5,0	3,5	DIN 467	1.000
10383AA00	12,0	7,0	M 4	7,0	3,5	DIN 466	1.000
10391AA00	14,0	8,5	M 4	5,0	3,5	DIN 467	1.000
10392AA00	16,0	10,0	M 4	6,0	4,5	DIN 467	1.000
10385AA00	16,0	9,5	M 4	8,0	3,5	DIN 466	1.000
10397AA00	20,0	10,0	M 4	7,5	6,0	DIN 467	1.000
10384AA00	14,0	8,8	M 5	7,0	3,5	DIN 466	1.000
10393AA00	16,0	10,0	M 5	6,0	4,5	DIN 467	1.000
10386AA00	16,0	9,5	M 5	8,0	4,5	DIN 466	1.000
10395AA00	19,0	10,0	M 5	7,5	6,0	DIN 467	1.000
10388AA00	20,0	13,0	M 5	11,0	6,0	DIN 466	1.000
10394AA00	16,0	10,0	M 6	6,0	4,5	DIN 467	1.000
10387AA00	16,0	9,5	M 6	8,0	4,5	DIN 466	1.000
10396AA00	19,0	10,0	M 6	7,5	6,0	DIN 467	1.000
10389AA00	20,0	13,0	M 6	11,0	6,0	DIN 466	1.000
10398AA00	24,0	13,0	M 8	7,5	6,0	DIN 467	1.000

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RÄNDELMUTTER KUNSTSTOFF
KNURLED NUT





- **Material: PA 6** / *Nylon 6*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +100°C**
- **ähnlich DIN 466 & DIN 467**
  estimate according DIN 466 & DIN 467
- **Farbe: Natur** / *Colour: Natural*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
10403AA00	16,0	10,0	M 4	6,0	4,5	DIN 467	1.000
10406AA00	20,0	10,0	M 4	6,5	5,0	DIN 467	1.000
10399AA00	16,0	9,5	M 4	8,0	4,5	DIN 466	1.000
10404AA00	16,0	10,0	M 5	6,0	4,5	DIN 467	1.000
10400AA00	16,0	9,5	M 5	8,0	4,5	DIN 466	1.000
10407AA00	20,0	10,0	M 5	6,5	5,0	DIN 467	1.000
10409AA00	24,0	10,0	M 5	7,5	5,7	DIN 467	1.000
10405AA00	16,0	10,0	M 6	6,0	4,5	DIN 467	1.000
10401AA00	16,0	9,5	M 6	8,0	4,5	DIN 466	1.000
10408AA00	20,0	10,0	M 6	6,5	5,0	DIN 467	1.000
10402AA00	24,0	13,0	M 6	11,0	6,0	DIN 466	1.000
10410AA00	24,0	10,0	M 6	7,5	5,7	DIN 467	1.000

ANMERKUNGEN - Notes

fastpoint

20



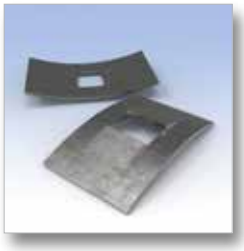
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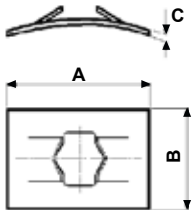
Metallprodukte | *Metal products*

SELBSTKLEMMENDE SICHERUNGSSCHEIBEN
RECTANGULAR AND ROUND PUSHNUTS

TYPE 1

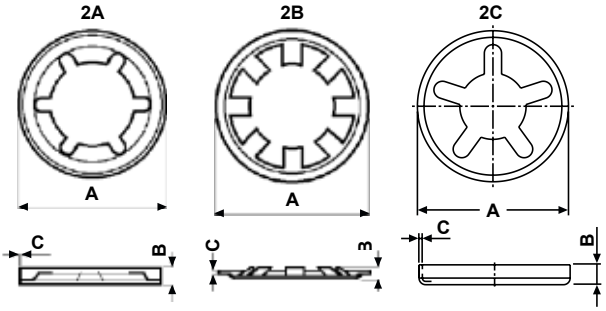


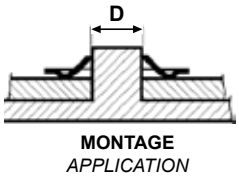




TYPE 2







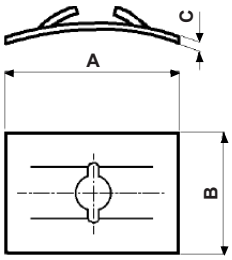
Material: Federstahl / *Spring steel*

Alle Maße sind in mm / *All dimensions are in mm*

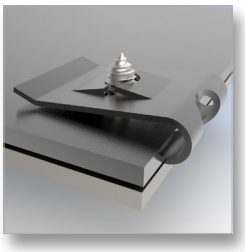
ARTIKEL *P/N*	TYPE	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
1514MC90	1	13	8,0	0,35	3,0		5.000
1530MC90	2A	5,5	0,9	0,3	2,4		5.000
1531MC90	2A	9,5	1,7	0,4	3,0		5.000
1532MC90	2A	7,1	1,35	0,3	3,1		5.000
1534MC90	2A	11,5	1,5	0,3	4,0		5.000
5491MC90	2B	26,3	2,5	0,4	14,4		5.000
5492MC90	2B	26,3	2,5	0,4	14,8		5.000
5493MC90	2B	26,3	1,9	0,4	15,5		5.000
2329MC90	2B	26,2	2,0	0,4	16,0		5.000
0905MC90	2C	11,4	1,1	0,25	5,0		10.000

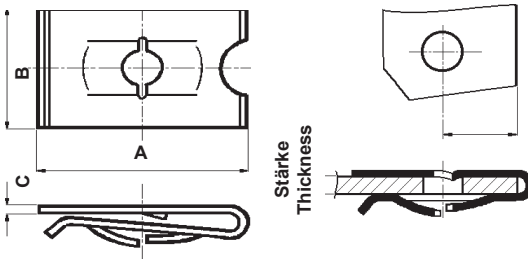
TYPE 1





TYPE 2





D = **Montageplatte /** *Panel*

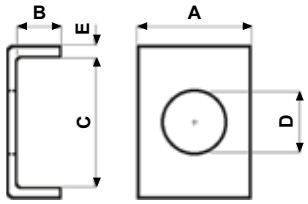
Material: Federstahl / *Spring steel*

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	**TYPE**	*A*	*B*	*C*	**D**	Stärke *Thickness*	**Schraube** *Screw*	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
4382MC90	1	15,0	9,4	0,5	-	-	4P	ST 2.9	5.000
3729MC90	1	15,0	9,4	0,5	-	-	6P	ST 3.9	5.000
1504MC90	1	21,0	13,0	0,5	-	-	7P	ST 4.0	5.000
1505MC90	1	15,0	9,4	0,6	-	-	8P	ST 4.2	5.000
0908MC90	2	15,0	12,0	0,5	8,7	0,4 - 0,8	7P	ST 4.0	5.000
1508MC90	2	16,5	11,0	0,6	6,7	0,8 - 1,2	7P	ST 4.0	5.000
4387MC90	2	11,4	9,0	0,5	4,8	0,4 - 0,8	8P	ST 4.2	5.000
1509MC90	2	16,5	11,0	0,6	7,0	0,6 - 1,0	8P	ST 4.2	5.000
4385MC90	2	16,5	11,0	0,6	7,0	1,0 - 1,6	8P	ST 4.2	5.000
4386MC90	2	16,5	11,0	0,6	7,0,	1,6 - 2,2	8P	ST 4.2	5.000
5297MC92	2	12,0	12,0	0,6	5,9	0,5 - 1,0	8P	ST 4.2	5.000

BEFESTIGUNGSPLATTEN
GROUNDING PLATES





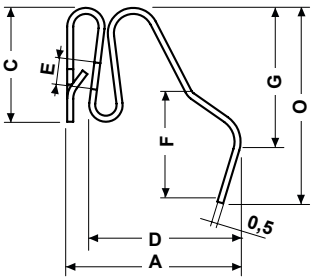
Material: Messing verzinnt / Material: tin-plated brass

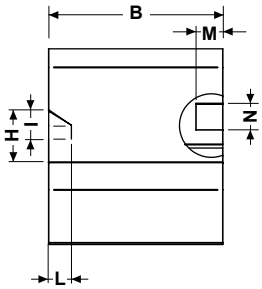
Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
1598MA91	8,0	2,2	7,8	**4,2**	1,0		5.000
4706MA91	8,2	3,3	8,5	**4,2**	1,0		5.000
1600MA91	8,3	3,3	8,5	**5,2**	1,2		5.000

ERDUNGSFEDER FÜR FILTER
EMI SPRINGS FOR FILTER







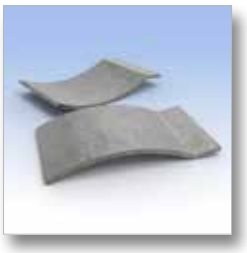
Material: Stahl vergütet & vernickelt /
Material: Steel nickel plated

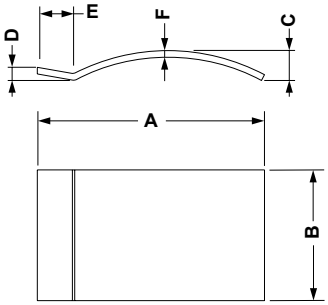
Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	L	M	N	O	VPE-Stckz. *Moq-Pcs*
12000MC92	13,0	13,0	8,5	11,3	2,0	8,3	10,0	4,0	2,3	1,7	2,0	2,0	15,5	1.000
12001MC92	10,3	13,0	13,0	11,5	2,0	15,0	23,3	4,0	2,3	1,7	2,0	2,0	26,0	1.000

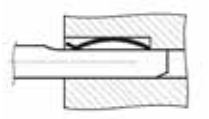
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BLATTFEDERN FÜR BEDIENKNÖPFE
LEAF SPRINGS FOR KNOBS





MONTAGGIO
APPLICATION



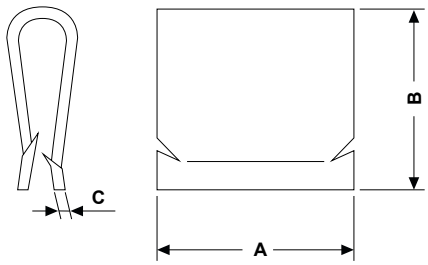
Material: Federstahl / Material: *Spring steel*

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
3680MC90	10,9	5,5	1,6	0,7	0,7	0,40		5.000
3681MC90	10,9	7,0	1,6	0,7	0,7	0,35		5.000
3682MC90	10,9	7,85	1,6	0,7	0,7	0,35		5.000
2739MC90	11,9	7,85	1,6	0,7	1,4	0,35		5.000
1915MC90	12,0	7,0	1,6	0,7	2,0	0,35		5.000

BEFESTIGUNGSCLIP
EDGE CLIPS





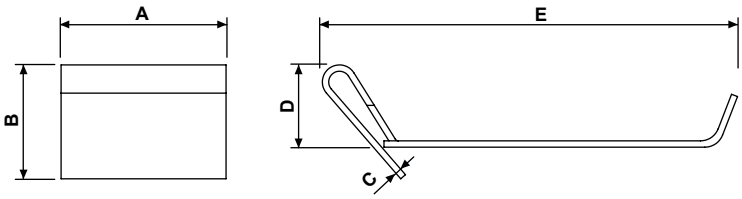
D: PANELDICKE
D: PANEL THICKNESS

Material: Federstahl / Material: *Spring steel*

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
3603MC90	13,0	9,5	0,5	0,6 - 1,2	**4 Krallen** / 4 PRONGS	5.000
3762MC90	13,0	14,0	0,5	0,8 - 1,5	**2 Krallen** / 2 PRONGS	2.500



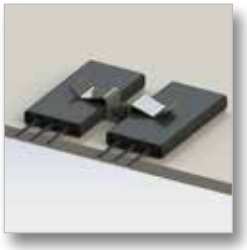


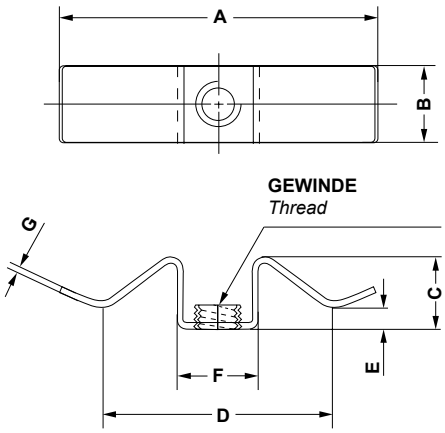
- **Material: Stahl vergütet & vernickelt** / *Material: Steel nickel plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12008MC92	13,0	10,2	0,5	9,2	23,0		1.000
12009MC92	13,0	9,0	0,5	7,0	32,0		1.000



POWER TRANSISTOR KLEMME
POWER TRANSISTOR CLAMP DEPRESSOR

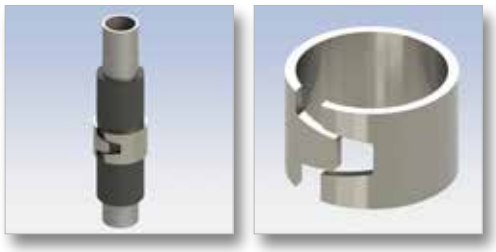


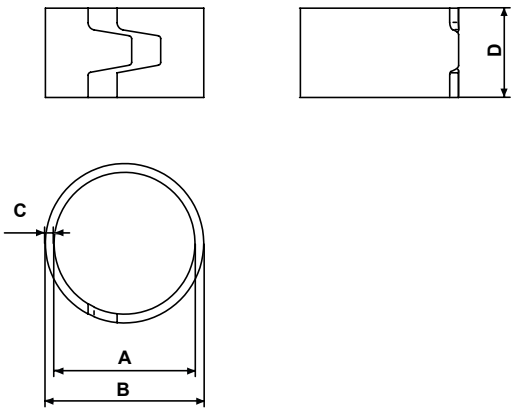


- **Material: SUS**
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Gewinde *Thread*	VPE-Stckz. *Moq-Pcs*
12216MC90	24,2	6,0	5,5	18,0	1,6	6,3	0,5	M4 x 0,7	1.000
12217MC90	24,2	6,0	5,5	18,0	1,6	6,3	0,5	M3 x 0,5	1.000

KONTAKTRING
RETAINING RING

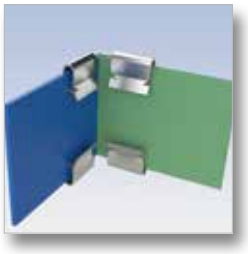
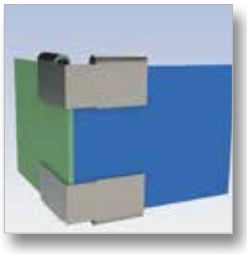


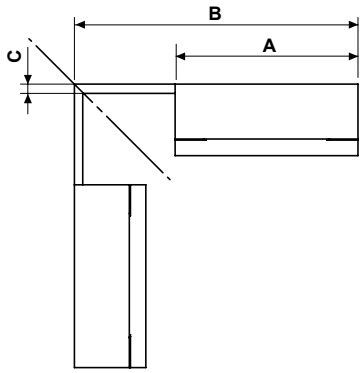


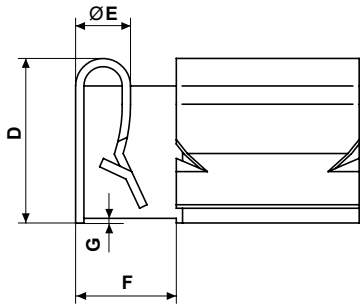
- **Material: Stahl vergütet & vernickelt /** *Material: Steel nickel plated*
- **Alle Maße sind in mm /** *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12002MC92	8,5	9,7	0,6	6,1		1.000
12003MC92	9,1	10,3	0,6	6,1		1.000
12004MC92	9,7	10,9	0,6	6,1		1.000

90° BEFESTIGUNGSCLIP
90° FIXATION CLIP





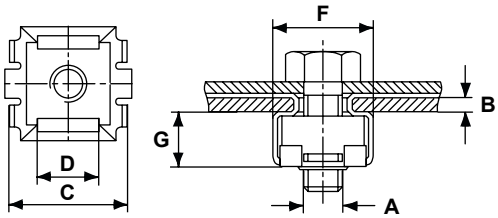
- **Material: Stahl vergütet & vernickelt** / *Material: Steel nickel plated*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**Anmerkungen** *Notes*	**VPE-Stckz.** *Moq-Pcs*
12006MC92	10,0	15,5	0,5	8,0	3,0	5,5	0,25		1.000

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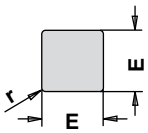
KÄFIGMUTTER STANDARD
CAGE NUT



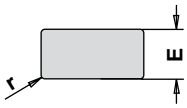


- **Material: Stahl verzinkt** / *Material: Zinc plated*
- **Material Käfig: rostfreier Stahl** / *Material cage: stainless steel*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C ±0,2	D ±0,6	E	F ±0,4	G ±0,3	r max	VPE-Stckz. *Moq-Pcs*
20250MC94	M3	0,3 - 0,9	9,3	4,8	5,3	9,7	3,6	0,25	500
20251MC94	M3	1,0 - 1,6	9,3	4,8	5,3	9,7	3,6	0,25	500
20252MC94	M3	1,7 - 2,3	9,3	4,8	5,3	9,7	3,6	0,25	500
20253MC94	M4	0,3 - 0,9	9,3	4,8	5,3	9,7	3,6	0,25	500
20254MC94	M4	1,0 - 1,6	9,3	4,8	5,3	9,7	3,6	0,25	500
20255MC94	M4	1,7 - 2,3	9,3	4,8	5,3	9,7	3,6	0,25	500
20256MC94	M4	0,5 - 1,5	12,0	7,2	8,3	12,2	6,0	1,0	500
20257MC94	M4	1,6 - 2,5	12,0	7,2	8,3	12,2	6,0	1,0	500
20258MC94	M4	2,6 - 3,5	12,0	7,2	8,3	12,2	6,0	1,0	500
20259MC94	M4	0,7 - 1,6	13,2	8,2	9,5	13,5	6,0	1,0	500
20260MC94	M4	1,7 - 2,7	13,2	8,2	9,5	13,5	6,0	1,0	500
20261MC94	M4	2,7 - 3,5	13,2	8,2	9,5	13,5	6,0	1,0	500
20262MC94	M5	0,5 - 1,5	12,0	7,2	8,3	12,2	6,0	1,0	200
20263MC94	M5	1,6 - 2,5	12,0	7,2	8,3	12,2	6,0	1,0	200
20264MC94	M5	2,6 - 3,5	12,0	7,2	8,3	12,2	6,0	1,0	200
20265MC94	M5	0,7 - 1,6	13,2	8,2	9,5	13,5	6,0	1,0	200
20266MC94	M5	1,7 - 2,7	13,2	8,2	9,5	13,5	6,0	1,0	200
20267MC94	M5	2,7 - 3,5	13,2	8,2	9,5	13,5	6,0	1,0	200



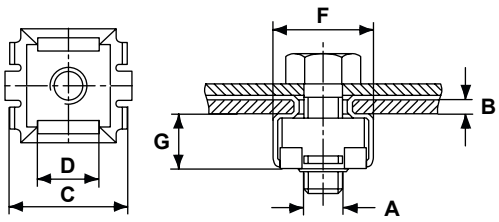
Standard Montage
Assembly line mounting



Für seitliche Verschiebungen
For extra movement

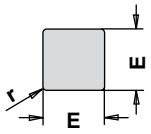
KÄFIGMUTTER STANDARD
CAGE NUT



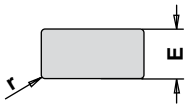


- **Material: Stahl verzinkt** / *Material: zinc plated*
- **Material Käfig: rostfreier Stahl** / *Material cage: stainless steel*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C ±0,2	D ±0,6	E	F ±0,4	G ±0,3	r max	VPE-Stckz. *Moq-Pcs*
20268MC94	M6	(0,5-1,5)	12,0	7,2	8,3	12,2	6,0	1	200
20269MC94	M6	(1,6-2,5)	12,0	7,2	8,3	12,2	6,0	1	200
20270MC94	M6	(2,6-3,5)	12,0	7,2	8,3	12,2	6,0	1	200
20271MC94	M6	(0,7-1,6)	13,2	8,2	9,5	13,5	6,0	1	200
20272MC94	M6	(1,7-2,7)	13,2	8,2	9,5	13,5	6,0	1	200
20273MC94	M6	(2,7-3,5)	13,2	8,2	9,5	13,5	6,0	1	200
20274MC94	M6	(1,0-1,7)	16,0	10,6	12,3	16,6	7,8	1	200
20275MC94	M6	(1,8-3,2)	16,0	10,6	12,3	16,6	7,8	1	200
20276MC94	M6	(3,3-4,7)	16,0	10,6	12,3	16,6	7,8	1	200
20277MC94	M8	(1,0-1,7)	16,0	10,6	12,3	16,6	7,8	1	100
20278MC94	M8	(1,8-3,2)	16,0	10,6	12,3	16,6	7,8	1	100
20279MC94	M8	(3,3-4,7)	16,0	10,6	12,3	16,6	7,8	1	100
20280MC94	M10	(1,0-1,7)	16,0	10,6	12,3	16,6	7,8	1	100
20281MC94	M10	(1,8-3,2)	16,0	10,6	12,3	16,6	7,8	1	100
20282MC94	M10	(3,3-4,7)	16,0	10,6	12,3	16,6	7,8	1	100



Standard Montage
Assembly line mounting

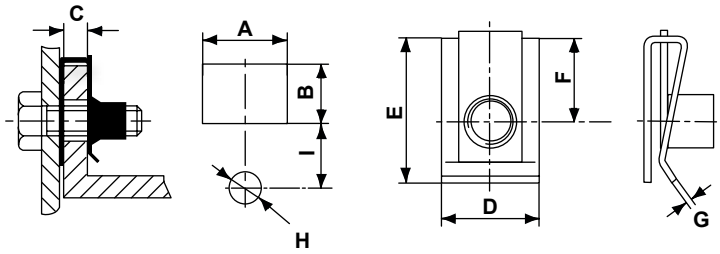


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BLECHMUTTER METRISCH
CHYMNEY (LUG) NUT





- **Material: Federstahl** */ Material: Spring steel*
- **Oberfläache: siehe Tabelle** */ Tratment: see Table*
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	**Gewinde** *Size*	**Oberfläche** *Surface treatment*	**A** min.	**B** min.	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**VPE-Stckz.** *Moq-Pcs*
20320MC97	M5	**Antioxidans Öl** */ Anti-rust oil dipped*	-	-	0,5-4	12,0	14,8	8,0	0,6	6,2	7,0	4.000
20321MC94	M5	**Verzinkt, Weiß** */ White zinc-plated*	-	-	0,5-4	12,0	14,8	8,0	0,6	6,2	7,0	1.800
20322MC98	M5	**Geomet**	-	-	0,5-4	14,0	19,6	10,6	0,6	6,2	9,4	5.000
20323MC94	M5	**Verzinkt + Nickel** */ Zinc-plated + Nickel*	16	10	0,5-4	14,5	22,0	12,2	0,6	7,7	10,0	1.500
20324MC97	M6	**Antioxidans Öl** */ Anti-rust oil dipped*	17	15	0,5-4	15,0	22,0	12,2	0,75	9,2	11,0	4.000
20325MC98	M6	**Geomet**	17	15	0,5-4	15,0	22,0	12,2	0,75	9,2	11,0	4.000
20326MC94	M6	**Verzinkt, Weiß** */ White zinc-plated*	-	-	0,7-4	16,0	23,8	12,7	0,85	9,0	11,5	2.500
20327MC98	M6	**Geomet**	-	-	0,7-4	16,0	23,8	12,7	0,85	9,0	11,5	2.500
20328MC97	M8	**Antioxidans Öl** */ Anti-rust oil dipped*	18	16	0,5-4	16,6	24,3	14,5	1,0	11,2	13,0	2.000
20329MC94	M8	**Verzinkt, Weiß** */ White zinc-plated*	18	16	0,5-4	16,6	24,3	14,5	1,0	11,2	13,0	2.000

ANMERKUNGEN - Notes

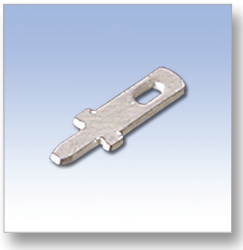
fastpoint

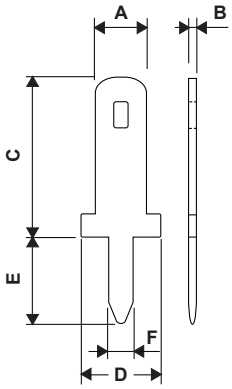
20



fastpoint

Elektrische Kontakte |
Electric terminals

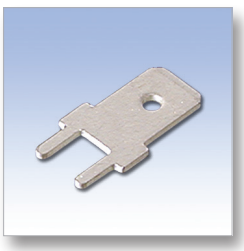




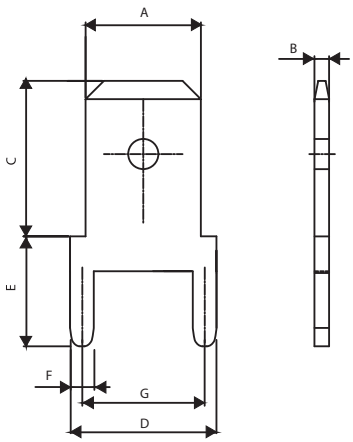
Material: Messing verzinnt / Tin-plated brass

Alle Maße sind in mm / *All dimensions are in mm*

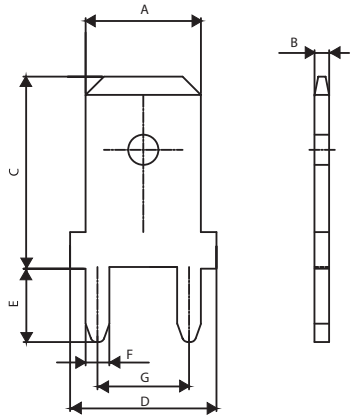
ARTIKEL *P/N*	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
1421MA91	2,8	0,5	9,5	6,8	6,5	1,5	-		5.000
1422MA91	2,8	0,5	8,5	-	4,0	1,3	-		5.000
0901MA91	2,8	0,8	8,7	4,0	3,5	1,5	-		5.000



TYPE 1



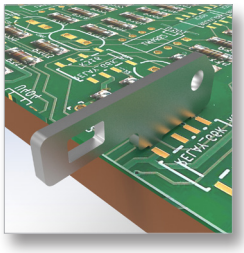
TYPE 2

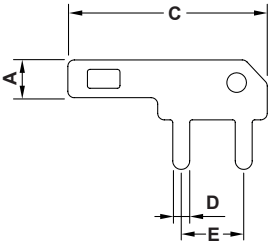


Material: Messing verzinnt / Tin-plated brass

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
1425MA91	1	4,7	0,8	7,1	6,0	5,3	1,2	5,0		5.000
5290MA91	2	6,3	0,8	10,5	8,0	4,0	1,3	5,0		5.000



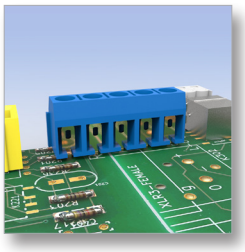




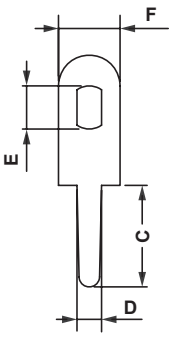
Materiale: Messing verzinnt / Material: tin-plated brass

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14102MA91	2,8	0,8	13,7	1,2	5,0		10.000
4697MA91	2,8	0,8	15,2	1,3	5,0		5.000
1427MA91	4,8	0,8	20,5	1,2	5,0		5.000









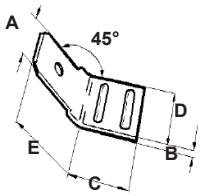
Material: Messing verzinnt / Tin-plated brass

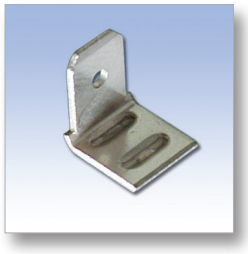
Alle Maße sind in mm / *All dimensions are in mm*

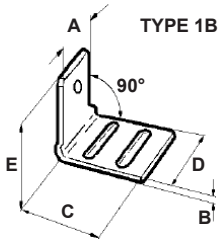
ARTIKEL *P/N*	A	B	C	D	E	F	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
12063MA91	11,3	0,6	4,9	1,2	2,1	3,0	Ø 1,2 - 1,3	2.000



TYPE 1A





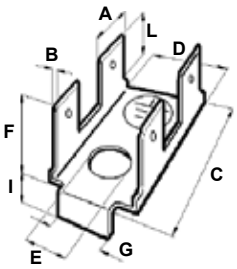


Material: siehe Tabelle */ see Table*

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	Material	VPE-Stckz. *Moq-Pcs*
3673MC92	1A	6,3	0,8	8,0	8,0	10,0	**Stahl vernickelt** / Nickel plated steel	5.000
3675MC92	1B	6,3	0,8	8,0	8,0	10,0	**Stahl vernickelt** / Nickel plated steel	5.000



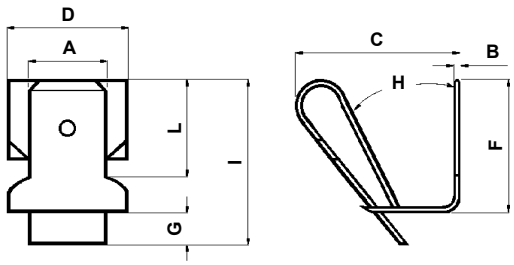


Material: siehe Tabelle / *see Table*

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	H	I	L	Material	VPE-Stckz. *Moq-Pcs*
3780MC94	2	6,3	0,8	19,6	12,0	4,2	12,0	7,6	-	4,5	8,0	Verzinkter Stahl *Galvanized steel*	5.000





Material: siehe Tabelle / *see Table*

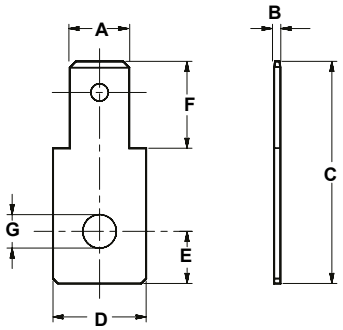
Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	H	I	L	Material	VPE-Stckz. *Moq-Pcs*
4717MC92	1	6,3	0,8	11,0	11,1	-	11,2	1,0	25°	15,8	8,8	Stahl vergütet-vernickelt/*Hardened nickel plated steel*	5.000
3596MC92	2	6,3	0,8	14,6	11,1	-	12,0	1,0	45°	15,8	8,8	Stahl vergütet-vernickelt/*Hardened nickel plated steel*	5.000

ANSCHLUSSKLEMME MIT BOHRUNG
TABS WITH HOLE

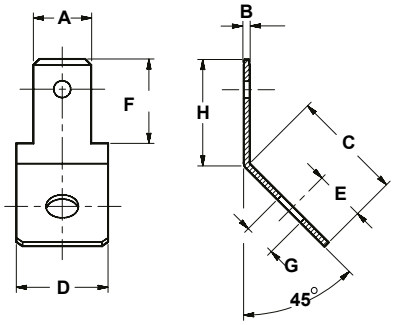
TYPE 1





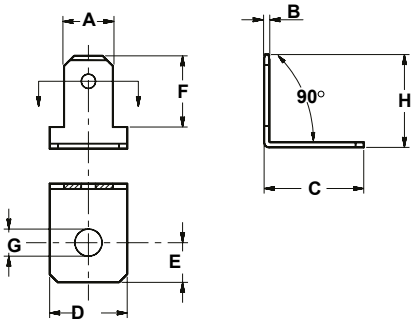
TYPE 2





TYPE 3





Material: Messing verzinnt / Tin-plated brass

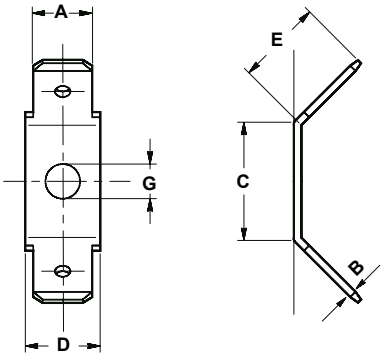
Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
1488MA91	1	6,3	0,8	19,2	8,0	4,0	8,0	4,2	-		5.000
1490MA91	1	6,3	0,8	19,2	8,0	4,0	8,0	5,2	-		5.000
0907MA91	2	6,3	0,8	9,0	8,0	4,0	8,0	4,2	11,0		5.000
5573MA91	2	6,3	0,8	9,0	8,0	4,0	8,0	5,2	11,0		5.000
4705MA91	3	6,3	0,8	10,6	8,0	5,5	8,0	3,2	11,5		5.000
0913MA91	3	6,3	0,8	9,7	8,0	4,7	8,2	4,2	11,0		5.000

ANSCHLUSSKLEMME MIT BOHRUNG
TABS WITH HOLE

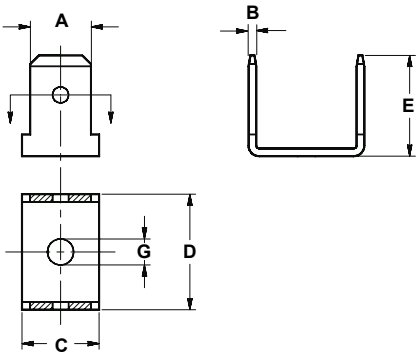
TYPE 1





TYPE 2





Material: Messing verzinnt / Tin-plated brass

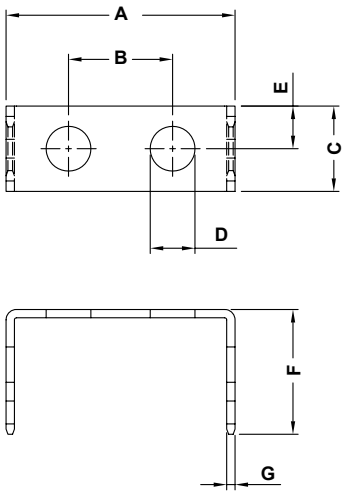
Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	E	G	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
1355MA91	1	6,3	0,8	12,0	8,0	10,5	3,2		5.000
1359MA91	1	6,3	0,8	12,0	8,0	10,5	4,2		5.000
4713MA91	1	6,3	0,8	9,0	8,0	10,2	5,2		5.000
1323MA91	2	6,3	0,8	8,0	10,0	11,5	4,2		5.000

ANSCHLUSSKLEMME 2 x BOHRUNGEN
P.C.B. TERMINAL





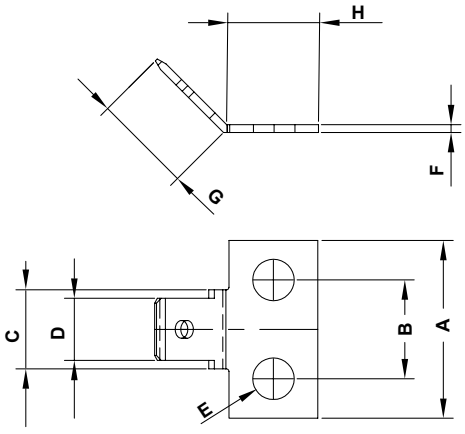


Material: Messing verzinnt / Material: Brass tin plated

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	J	VPE-Stckz. *Moq-Pcs*
11390MA91	22,0	10,0	8,2	Ø 4,3 (X2)	4,1	12,0	0,8	8,4	6,2	Ø 1,8	1.000





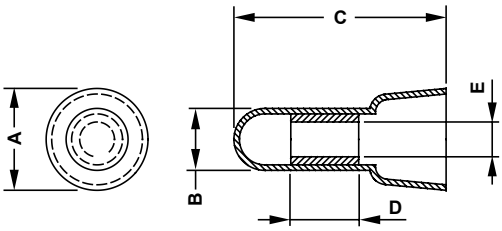
Material: Messing verzinnt / Tin-plated brass

Alle Maße sind in mm / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
11389MA91	18,0	10,0	8,0	6,3	Ø 4,2 (x2)	0,8	10,0	9,3		1.000

ISOLIERTE ENDVERBINDER EINSEITIG GESCHLOSSEN
INSULATED END CONNECTOR ONE SIDE CLOSED

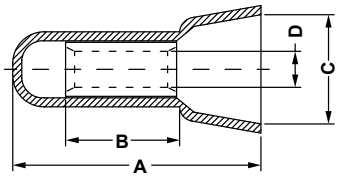




- **Materiale: PA 6.6** / *Material: PA 6.6*
- **Farbe: Natural** / *Colour: Natural*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
5302AA00HS	9,3	5,2	19,3	7,0	**2,5**		1.000
5303AA00HS	9,3	5,7	20,3	7,0	**3,2**		1.000
5304AA00HS	12,0	7,2	24,6	11,7	**4,4**		1.000
5305AA00HS	14,0	9,2	27,0	12,5	**5,2**		1.000





- **Klemmenmaterial: 99,9% verzinntes Kupfer CU-ETP**
  Terminal material: CU-ETP 99.9% tin-plated copper
- **Isolierung: PA 6.6** / *Isolation: PA 6.6*
- **Farbe: Weiß** / *Colour: White*
- **Temperaturbereich** / *Working temperature:* **105°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

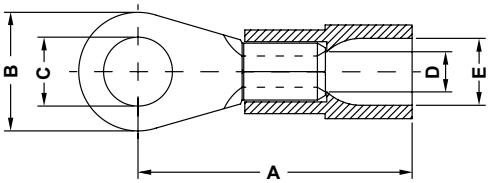
ARTIKEL *P/N*	A	B	C	D	Querschnitt mmØ *Section mm²*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16568AA00	18,2	6,8	6,2	2,6	0,5 - 1,5	Transparent	100
16569AA08	20,1	7,0	7,5	3,2	1,5 - 2,5	Transparentes Blau / blue transparent	100
16570AA06	20,7	8,5	9,4	4,0	4,0 - 6,0	Transparentes Gelb / yellow transparent	100

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ISOLIERTE QUETSCHKABELSCHUHE DIN46237
INSULATED RING TERMINALS DIN46237



ein Produkt von intercable



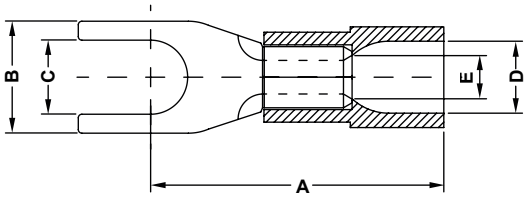
- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Isolation: PC halogenfrei** / *Isolation: PC halogen free*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Rohr nach DIN 46234** / *Tube according DIN 46234*
- **Temperaturbereich** / *Working temperature:* **120°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Querschnitt mmØ *Section mm²*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
16528NA04DE	17,0	6,0	3,2	1,6	4,0	0,5 - 1,0	**Rot** / *Red*	100
16527NA04DE	17,0	6,0	3,7	1,6	4,0	0,5 - 1,0	**Rot** / *Red*	100
16529NA04DE	18,0	8,0	4,3	1,6	4,0	0,5 - 1,0	**Rot** / *Red*	100
16530NA04DE	19,0	10,0	5,3	1,6	4,0	0,5 - 1,0	**Rot** / *Red*	100
16531NA04DE	19,0	10,0	6,5	1,6	4,0	0,5 - 1,0	**Rot** / *Red*	100
16532NA04DE	23,0	14,0	8,4	1,6	4,0	0,5 - 1,0	**Rot** / *Red*	100
16526NA04DE	25,0	18,0	10,5	1,6	4,0	0,5 - 1,0	**Rot** / *Red*	100
16509NA08DE	17,0	6,0	3,2	2,3	4,4	1,5 - 2.5	**Blau** / *Blue*	100
16508NA08DE	17,0	6,0	3,7	2,3	4,4	1,5 - 2.5	**Blau** / *Blue*	100
16510NA08DE	18,0	8,0	4,3	2,3	4,4	1,5 - 2.5	**Blau** / *Blue*	100
16511NA08DE	20,0	10,0	5,3	2,3	4,4	1,5 - 2.5	**Blau** / *Blue*	100
16512NA08DE	22,0	11,0	6,5	2,3	4,4	1,5 - 2.5	**Blau** / *Blue*	100
16513NA08DE	23,0	14,0	8,4	2,3	4,4	1,5 - 2.5	**Blau** / *Blue*	100
16507NA08DE	25,6	18,0	10,5	2,3	4,4	1,5 - 2.5	**Blau** / *Blue*	100
16517NA06DE	21,0	8,0	4,3	3,6	6,4	4,0 - 6,0	**Gelb** / *Yellow*	100
16518NA06DE	22,0	10,0	5,3	3,6	6,4	4,0 - 6,0	**Gelb** / *Yellow*	100
16519NA06DE	23,0	11,0	6,5	3,6	6,4	4,0 - 6,0	**Gelb** / *Yellow*	100
16520NA06DE	26,0	14,0	8,4	3,6	6,4	4,0 - 6,0	**Gelb** / *Yellow*	100
16516NA06DE	28,0	18,0	10,5	3,6	6,4	4,0 - 6,0	**Gelb** / *Yellow*	100

ISOLIERTE QUETSCHKABELSCHUHE - GABELFORM DIN46237
INSULATED SPADE TERMINALS DIN46237



ein Produkt von intercable



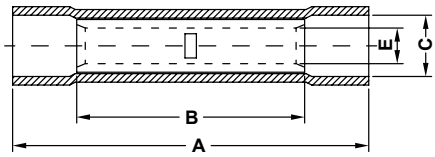
- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Isolation: PC halogenfrei** / *Isolation: PC halogen free*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Rohr nach DIN 46234** / *Tube according DIN 46234*
- **Temperaturbereich** / *Working temperature:* **120°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Querschnitt mmØ *Section mm²*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
16550NA04DE	17,0	6,0	3,2	4,0	1,6	0,5 - 1,0	**Rot** / *Red*	100
16549NA04DE	17,0	6,0	3,7	4,0	1,6	0,5 - 1,0	**Rot** / *Red*	100
16551NA04DE	18,1	8,0	4,3	4,0	1,6	0,5 - 1,0	**Rot** / *Red*	100
16552NA04DE	19,0	10,0	5,3	4,0	1,6	0,5 - 1,0	**Rot** / *Red*	100
16553NA04DE	21,0	11,0	6,5	4,0	1,6	0,5 - 1,0	**Rot** / *Red*	100
16535NA08DE	19,0	5,5	3,2	4,5	2,3	1,5 - 2,5	**Blau** / *Blue*	100
16534NA08DE	17,0	6,0	3,7	4,5	2,3	1,5 - 2,5	**Blau** / *Blue*	100
16536NA08DE	18,0	8,0	4,3	4,5	2,3	1,5 - 2,5	**Blau** / *Blue*	100
16537NA08DE	20,0	10,0	5,3	4,5	2,3	1,5 - 2,5	**Blau** / *Blue*	100
16538NA08DE	22,0	11,0	6,5	4,5	2,3	1,5 - 2,5	**Blau** / *Blue*	100
16541NA06DE	21,0	8,0	4,3	6,4	3,6	4,0 - 6,0	Gelb / *Yellow*	100
16542NA06DE	22,0	10,0	5,3	6,4	3,6	4,0 - 6,0	Gelb / *Yellow*	100
16543NA06DE	23,0	11,0	6,5	6,4	3,6	4,0 - 6,0	Gelb / *Yellow*	100
16544NA06DE	26,0	14,0	8,4	6,4	3,6	4,0 - 6,0	Gelb / *Yellow*	100

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PVC ISOLIERTE STOSSVERBINDER
PVC INSULATED BUTT CONNECTORS



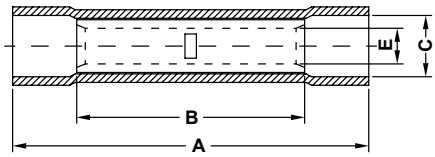


- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Terminal material: CU-ETP 99.9% tin-plated copper
- **Isolierung: PVC** / *Isolation: PVC*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Nominalspannung** / *Rated voltage: 300V max.*
- **Temperaturbereich** / *Working temperature:* **75°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	E	Querschnitt mmØ *Section mm²*	Farbe *Colour*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16559CA04	25,0	15,0	4,2	1,8	0,5 - 1,5	**Rot** / *Red*		100
16561CA08	26,0	15,0	4,8	2,5	1,5 - 2,5	**Blau** / *Blue*		100
16563CA06	27,0	15,0	6,5	3,7	4,0 - 6,0	**Gelb** / *Yellow*		100

POLYAMID PA6.6 ISOLIERTE STOSSVERBINDER
POLYAMIDE PA6.6 INSULATED BUTT CONNECTORS



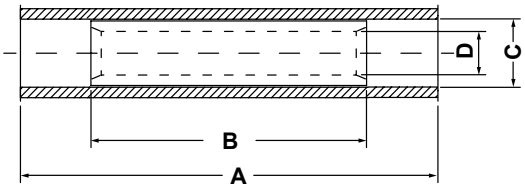


- **Materiale: Kupfer CU-ETP 99,9% galv. verzinnt**
  Terminal material: CU-ETP 99.9% tin-plated copper
- **Isolierung: PC halogenfrei** / *Isolation: PA 6.6*
- **Fabre: siehe Tabelle** / *Colour: see Table*
- **Nominalspannung** / *Rated voltage: 300V max.*
- **Temperaturbereich** / *Working temperature:* **105°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	E	Querschnitt mmØ *Section mm²*	Farbe *Colour*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16556AA04	25,0	15,0	4,2	1,8	0,5 - 1,5	**Rot** / *Red*		100
16557AA08	26,0	15,0	4,8	2,5	1,5 - 2,3	**Blau** / *Blue*		100
16558AA06	27,0	15,0	6,5	3,7	4,0 - 6,0	**Gelb** / *Yellow*		100

POLYAMIDE PA6.6 INSULATED BUTT CONNECTORS
PVC INSULATED PARALLEL CONNECTORS



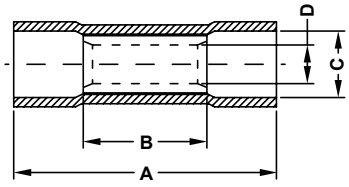


- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Terminal material: CU-ETP 99.9% tin-plated copper
- **Isolierung: PA66** / *Isolation: PA66*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Nominalspannung** / *Rated voltage: 300V max.*
- **Temperaturbereich**/ *Working temperature:* **105°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Querschnitt mmØ *Section mm²*	Farbe *Colour*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16560CA04	17,0	7,0	3,2	1,7	0,5 - 1,5	**Rot** / *Red*		100
16562CA08	17,0	7,0	4,0	2,3	1,5 - 2,5	**Blau** / *Blue*		100
16564CA06	21,2	7,0	5,4	3,6	4,0 - 6,0	**Gelb** / *Yellow*		100

WÄRMESCHRUMPFENDE ISOLIERTE STOSSVERBINDER
HEAT SHRINKABLE INSULATED BUTT CONNECTORS





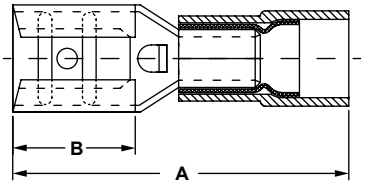
- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Terminal material: CU-ETP 99.9% tin-plated copper
- **Isolierung: PE HD** / *Isolation: PE HD*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Nominalspannung** / *Rated voltage: 300V max.*
- **Temperaturbereich** / *Working temperature:* **-10 ^ 105°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Querschnitt mmØ *Section mm²*	Farbe *Colour*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16565EB04	36,0	15,0	4,4	1,7	0,5 - 1,5	**Rot** / *Red*		100
16566EB08	36,0	15,0	5,2	2,3	1,5 - 2,5	**Blau** / *Blue*		100
16567EB06	41,0	15,0	6,5	3,6	4,0 - 6,0	**Gelb** / *Yellow*		100

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ISOLIERTE TRENNBUCHSEN AUS POLYCARBONAT
POLYCARBONATE INSULATED FEMALE DISCONNECTORS





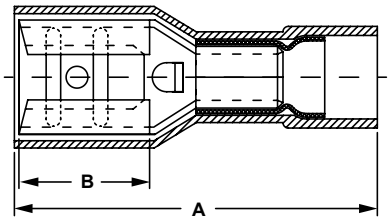
- **Material: Messing verzinnt**
  Terminal material: Tin-plated brass
- **Isolierung: Polycarbonat PC** / *Isolation: Polycarbonate PC*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Nominalspannung** / *Rated voltage: 300V max.*
- **Temperaturbereich** / *Working temperature:* **125°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Stecker *Connector*	A	B	Querschnitt mmØ *Section mm²*	Farbe *Colour*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16578NA04	2,8x0,5	19	6,5	0,5-1,5	**Rot** / *Red*		100
16579NA04	2,8x0,8	19	6,5	0,5-1,5	**Rot** / *Red*		100
16580NA04	4,8x0,5	19,4	6,4	0,5-1,5	**Rot** / *Red*		100
16581NA04	4,8x0,8	19,4	6,4	0,5-1,5	**Rot** / *Red*		100
16582NA04	6,3x0,8	20,8	7,5	0,5-1,5	**Rot** / *Red*		100
16571NA08	4,8x0,5	19,4	6,4	1,5-2,5	**Blau** / *Blue*		100
16572NA08	4,8x0,8	19,4	6,4	1,5-2,5	**Blau** / *Blue*		100
16573NA08	6,3x0,8	20,8	7,3	1,5-2,5	**Blau** / *Blue*		100
16576NA06	6,3x0,8	23,3	7,3	4,0 - 6,0	**Gelb** / *Yellow*		100
16586NA08	4,8x0,5	20,2	6,5	1,5 - 2,5	**Blau** / *Blue*		100
16587NA08	4,8x0,8	20,2	6,5	1,5 - 2,5	**Blau** / *Blue*		100
16588NA08	6,3x0,8	21,5	7,3	1,5 - 2,5	**Blau** / *Blue*		100
16590NA06	6,3x0,8	24,2	7,3	4,0 - 6,0	**Gelb** / *Yellow*		100
16591NA04	2,8x0,5	19,2	6,4	0,5 - 1,0	**Rot** / *Red*		100
16592NA04	2,8x0,8	19,2	6,4	0,5 - 1,0	**Rot** / *Red*		100
16593NA04	4,8x0,5	20,2	6,4	0,5 - 1,0	**Rot** / *Red*		100
16594NA04	4,8x0,8	20,2	6,4	0,5 - 1,0	**Rot** / *Red*		100
16595NA04	6,3x0,8	21,5	7,3	0,5 - 1,0	**Rot** / *Red*		100

VOLLISOLIERTE FLACHSTECKHÜLSEN
FULL ISULATED TERMINAL



ein Produkt von intercable



- **Material: Messing verzinnt** / *Brass tin- plated*
- **Isolation: PC** / *Isolation: PC*
- **Farbe: siehe Tabelle** / *Colour: see Table*

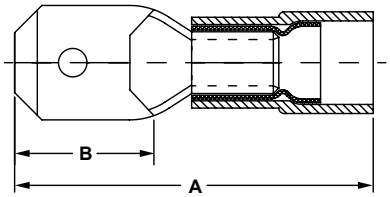
- **Nominalspannung** / *Rated voltage: 300V max.*
- **Temperaturbereich** / *Working temperature:* **100°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Stecker *Connector*	A	B	Querschnitt mmØ *Section mm²*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
16591NA04DE	2,8x0,5	19,2	6,4	0,5-1,0	Rot / *Red*	100
16592NA04DE	2,8x0,8	19,2	6,4	0,5-1,0	Rot / *Red*	100
16593NA04DE	4,8x2,5	20,2	6,4	0,5-1,0	Rot / *Red*	100
16594NA04DE	4,8x0,8	20,2	6,4	0,5-1,0	Rot / *Red*	100
16595NA04DE	6,3x0,8	21,5	7,3	0,5-1,0	Rot / *Red*	100
16586NA08DE	4,8x0,5	20,2	6,5	1,5-2,5	Blau / *Blue*	100
16587NA08DE	4,8x0,8	20,2	6,5	1,5-2,5	Blau / *Blue*	100
16588NA08DE	6,3x0,8	21,5	7,3	1,5-2,5	Blau / *Blue*	100
16590NA06DE	6,3x0,8	24,2	7,3	4,0 - 6,0	Gelb / *Yellow*	100

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ISOLIERTE TRENNSTECKER AUS POLYCARBONAT
POLYCARBONATE INSULATED MALE DISCONNECTORS





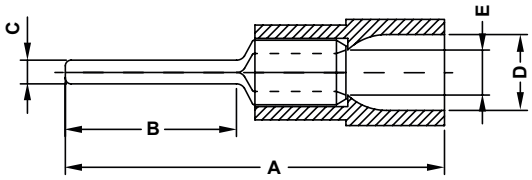
- **Material Terminal: Messing verzinnt**
  Terminal material: Brass tinned double crimp
- **Isolation: PC halogenfrei** / *Isolation: PC halogen free*
- **Nominalspannung** / *Rated voltage:* **300V max.**
- **Temperaturbereich** / *Working temperature:* **125°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Stecker *Connector*	A	B	Querschnitt mmØ *Section mm²*	Farbe *Colour*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16583NA04	2,8x0,8	19,2	6,5	0,5-1,5	**Rot** / *Red*		100
16584NA04	4,8x0,8	19,8	6,7	0,5-1,5	**Rot** / *Red*		100
16585NA04	6,3x0,8	21,8	7,7	0,5-1,5	**Rot** / *Red*		100
16574NA08	4,8x0,8	19,8	6,7	1,5-2,5	**Blau** / *Blue*		100
16575NA08	6,3x0,8	21,8	7,7	1,5-2,5	**Blau** / *Blue*		100
16577NA06	6,3x0,8	24	7,7	4,0-6,0	**Gelb** / *Yellow*		100

ISOLIERTE STIFTKABELSCHUHE DIN 4631
INSULATED CRIMP PIN TERMINALS DIN 4631



ein Produkt von intercable



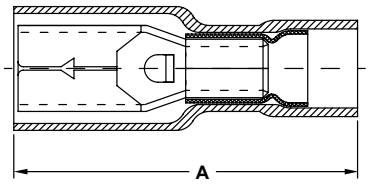
- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Isolation: PC halogenfrei** / *Isolation: PC halogen free*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Temperaturbereich** / *Working temperature:* **120°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Querschnitt mmØ *Section mm²*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
16533NA04DE	22,8	12,0	1,9	4,0	1,7	0,5 - 1,0	**Rot** / *Red*	100
16514NA08DE	22,8	12,0	1,9	4,5	2,3	1,5 - 2,5	**Blau** / *Blue*	100
16515NA08DE	27,0	16,0	1,9	4,5	2,3	1,5 - 2,5	**Blau** / *Blue*	100
16521NA06DE	27,0	14,0	2,8	6,4	3,6	4,0 - 6,0	**Gelb** / *Yellow*	100

ISOLIERTE RUNDSTECKERHÜLSEN
FULLY INSULATED RECEPTABLE DISCONNECTORS



ein Produkt von intercable



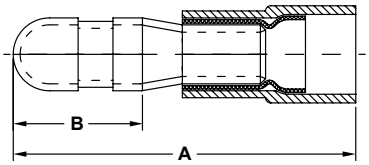
- **Material: Messing verzinnt** / *Brass tin- plated*
- **Isolation: PVC** / *Isolation: PVC*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Temperaturbereich** / *Working temperature:* **70°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	Stecker *Connector*	Querschnitt mmØ *Section mm²*	Farbe *Colour*	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16603CA04DE	23,3	4	0,5-1,0	**Rot** / *Red*		100
16598CA08DE	23,3	5	1,5-2,5	**Blau** / *Blue*		100
16600CA06DE	25,1	5	4,0-6,0	**Gelb** / *Yellow*		100

ISOLIERTE RUNDSTECKER
INSULATED BULLET DISCONNECTORS



ein Produkt von intercable

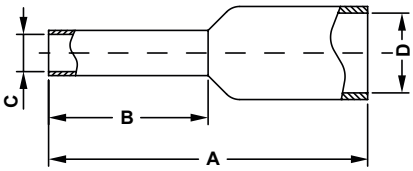


- **Material: Messing verzinnt** / *Brass tin- plated*
- **Isolation: PVC** / *Isolation: PVC*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Temperaturbereich** / *Working temperature:* **70°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	Stecker *Connector*	Querschnitt mmØ *Section mm²*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
16604CA04	21,5	8,5	4	0,5-1,0	**Rot** / *Red*	100
16599CA08	21,2	8,5	5	1,5-2,5	**Blau** / *Blue*	100
16601CA06	24,0	8,5	5	4,0-6,0	**Gelb** / *Yellow*	100

ISOLIERTE ADERENDHÜLSEN DIN 46228 TEIL 4
INSULATED END SLEEVES DIN 46228 PART 4





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- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Isolation: PP halogenfrei** / *Isolation: PP halogen free*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Temperaturbereich** / *Working temperature:* **105°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

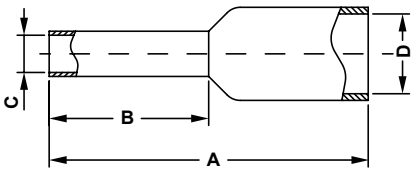
ARTIKEL *P/N*	A	B	C	D	Querschnitt mmØ *Section mm²*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
16776FA11DE	10,0	8,0	0,7	1,6	0,14	**Grau** / *Gray*	500
16787FA17DE	10,0	6,0	0,75	1,8	0,25	**Hellblau** / *Ligth blue*	500
16788FA17DE	12,0	8,0	0,75	1,8	0,25	**Hellblau** / *Ligth blue*	500
16789FA17DE	12,0	8,0	0,8	2,0	0,34	**Hellblau** / *Ligth blue*	500
16745FA02DE	12,0	6,0	1,0	2,6	0,5	**Weiß** / *White*	500
16746FA02DE	14,0	8,0	1,0	2,6	0,5	**Weiß** / *White*	500
16797FA12DE	14,0	8,0	1,0	2,6	0,5	**Orange** / *Orange*	500
16747FA02DE	16,0	10,0	1,0	2,6	0,5	**Weiß** / *White*	500
16798FA12DE	16,0	10,0	1,0	2,6	0,5	**Orange** / *Orange*	500
16767FA11DE	12,0	6,0	1,2	2,8	0,75	**Grau** / *Gray*	500
16768FA11DE	14,0	8,0	1,2	2,8	0,75	**Grau** / *Gray*	500
16719FA08DE	14,0	8,0	1,2	2,8	0,75	**Blau** / *Blue*	500
16802FA02DE	14,0	8,0	1,2	2,8	0,75	**Wleiß** / *White*	500
16769FA11DE	16,0	10,0	1,2	2,8	0,75	**Grau** / *Gray*	500
16803FA02DE	18,0	12,0	1,2	2,8	0,75	**Weiß** / *White*	500
16770FA11DE	18,0	12,0	1,2	2,8	0,75	**Grau** / *Gray*	500
16738FA04DE	12,0	6,0	1,4	3,0	1,0	**Rot** / *Red*	500
16739FA04DE	14,0	8,0	1,4	3,0	1,0	**Rot** / *Red*	500
16773FA06DE	14,0	8,0	1,4	3,0	1,0	**Gelb** / *Yellow*	500
16740FA04DE	16,0	10,0	1,4	3,0	1,0	**Rot** / *Red*	500
16741FA04DE	18,0	12,0	1,4	3,0	1,0	**Rot** / *Red*	500
16774FA06DE	18,0	12,0	1,4	3,0	1,0	**Gelb** / *Yellow*	500
16752FA01DE	14,0	8,0	1,7	3,5	1,5	**Schwarz** / *Black*	500
16777FA04DE	14,0	8,0	1,7	3,5	1,5	**Rot** / *Red*	500
16753FA01DE	16,0	10,0	1,7	3,5	1,5	**Schwarz** / *Black*	500
16778FA04DE	16,0	10,0	1,7	3,5	1,5	**Rot** / *Red*	500
16754FA01DE	18,0	12,0	1,7	3,5	1,5	**Schwarz** / *Black*	500
16755FA01DE	24,0	18,0	1,7	3,5	1,5	**Schwarz** / *Black*	500

ISOLIERTE ADERENDHÜLSEN DIN 46228 TEIL 4
INSULATED END SLEEVES DIN 46228 PART 4

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- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Isolation: PP halogenfrei** / *Isolation: PP halogen free*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Temperaturbereich** / *Working temperature:* **105°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

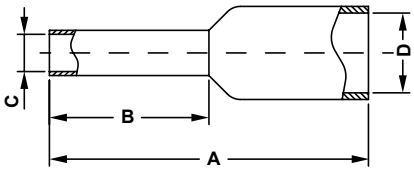
ARTIKEL *P/N*	A	B	C	D	Querschnitt mmØ *Section mm²*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
16725FA01DE	24,0	18,0	1,7	3,5	1,5	**Schwarz** / *Black*	500
16779FA04DE	24,0	18,0	1,7	3,5	1,5	**Rot** / *Red*	500
16760FA08DE	14,0	8,0	2,2	4,2	2,5	**Blau** / *Blue*	500
16728FA11DE	14,0	8,0	2,2	4,2	2,5	**Grau** / *Gray*	500
16761FA08DE	18,0	12,0	2,2	4,2	2,5	**Blau** / *Blue*	500
16729FA11DE	18,0	12,0	2,2	4,2	2,5	**Grau** / *Gray*	500
16762FA08DE	24,0	18,0	2,2	4,2	2,5	**Blau** / *Blue*	500
16731FA11DE	24,0	18,0	2,2	4,2	2,5	**Grau** / *Gray*	500
16742FA11DE	17,0	10,0	2,8	4,8	4,0	**Grau** / *Gray*	500
16733FA12DE	17,0	10,0	2,8	4,8	4,0	**Orange** / *Orange*	500
16743FA11DE	20,0	12,0	2,8	4,8	4,0	**Grau** / *Gray*	500
16734FA12DE	20,0	12,0	2,8	4,8	4,0	**Orange** / *Orange*	500
16744FA11DE	26,0	18,0	2,8	4,8	4,0	**Grau** / *Gray*	200
16735FA12DE	26,0	18,0	2,8	4,8	4,0	**Orange** / *Orange*	200
16748FA06DE	20,0	12,0	3,5	6,3	6,0	**Gelb** / *Yellow*	100
16736FA10DE	20,0	12,0	3,5	6,3	6,0	**Grün** / *Green*	100
16799FA01DE	20,0	12,0	3,5	6,3	6,0	**Schwarz** / *Black*	100
16737FA10DE	26,0	18,0	3,5	6,3	6,0	**Grün** / *Green*	100
16749FA06DE	26,0	18,0	3,5	6,3	6,0	**Gelb** / *Yellow*	100
16800FA01DE	26,0	18,0	3,5	6,3	6,0	**Schwarz** / *Black*	100
16750FA04DE	22,0	12,0	4,5	7,6	10,0	**Rot** / *Red*	100
16720FA16DE	22,0	12,0	4,5	7,6	10,0	**Braun** / *Brown*	100
16771FA15DE	22,0	12,0	4,5	7,6	10,0	**Elfenbein** / *Ivory*	100
16751FA04DE	28,0	18,0	4,5	7,6	10,0	**Rot** / *Red*	100
16721FA16DE	28,0	18,0	4,5	7,6	10,0	**Braun** / *Brown*	100
16772FA15DE	28,0	18,0	4,5	7,6	10,0	**Elfenbein** / *Ivory*	100
16756FA08DE	24,0	12,0	5,8	8,8	16,0	**Blau** / *Blue*	100
16726FA02DE	24,0	12,0	5,8	8,8	16,0	**Weiß** / *White*	100

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ISOLIERTE ADERENDHÜLSEN DIN 46228 TEIL 4
INSULATED END SLEEVES DIN 46228 PART 4



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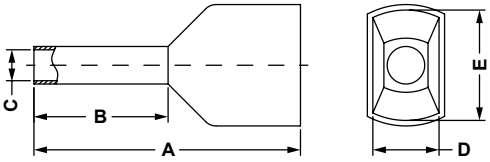
- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Isolation: PP halogenfrei** / *Isolation: PP halogen free*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Temperaturbereich** / *Working temperature:* **105°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	Querschnitt mmØ *Section mm²*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
16780FA10DE	24,0	12,0	5,8	8,8	16,0	**Grün** / *Green*	100
16757FA08DE	28,0	18,0	5,8	8,8	16,0	**Blau** / *Blue*	100
16727FA02DE	28,0	18,0	5,8	8,8	16,0	**Weiß** / *White*	100
16781FA10DE	28,0	18,0	5,8	8,8	16,0	**Grün** / *Green*	100
16758FA06DE	30,0	16,0	7,3	11,2	25,0	**Gelb** / *Yellow*	50
16782FA16DE	30,0	16,0	7,3	11,2	25,0	**Braun** / *Brown*	50
16730FA01DE	30,0	16,0	7,3	11,2	25,0	**Schwarz** / *Black*	500
16759FA06DE	36,0	22,0	7,3	11,2	25,0	**Gelb** / *Yellow*	50
16783FA16DE	36,0	22,0	7,3	11,2	25,0	**Braun** / *Brown*	50
16732FA01DE	36,0	22,0	7,3	11,2	25,0	**Schwarz** / *Black*	500
16763FA04DE	30,0	16,0	8,3	12,7	35,0	**Rot** / *Red*	50
16790FA18DE	30,0	16,0	8,3	12,7	35,0	**Hellbraun** / *Ligth brown*	50
16764FA04DE	39,0	25,0	8,3	12,7	35,0	**Rot** / *Red*	50
16791FA18DE	39,0	25,0	8,3	12,7	35,0	**Grün** / Green	50
16765FA08DE	36,0	20,0	10,3	15,0	50,0	**Blau** / *Blue*	50
16795FA10DE	36,0	20,0	10,3	15,0	50,0	**Grün** / *Green*	50
16766FA08DE	40,0	25,0	10,3	15,0	50,0	**Blau** / *Blue*	50
16796FA19DE	40,0	25,0	10,3	15,0	50,0	**Dunkelgrün** / *Dark green*	50
16801FA06DE	37,0	21,0	13,5	16,0	70,0	**Gelb** / *Yellow*	25
16804FA04DE	44,0	25,0	14,5	18,0	95,0	**Rot** / *Red*	25
16775FA08DE	48,0	27,0	16,5	20,0	120,0	**Blau** / *Blue*	25

ISOLIERTE ZWILLINGSADERNENDHÜLSEN
INSULATED END SLEEVES-TWIN



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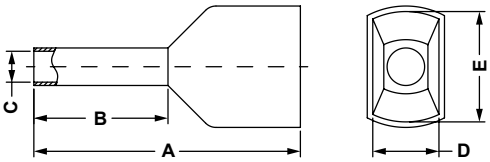
- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Isolation: PP halogenfrei** / *Isolation: PP halogen free*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Temperaturbereich** / *Working temperature:* **105°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Querschnitt mmØ *Section mm²*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
16840FA02	15,0	8,0	1,4	2,5	4,7	2,0 x 0,5	**Weiß** / *White*	200
16827FA12	15,0	8,0	1,4	2,5	4,7	2,0 x 0,5	**Orange** / orange	200
16814FA02	15,0	8,0	1,4	2,5	4,7	2,0 x 0,5	**Weiß** / *White*	200
16843FA11	15,0	8,0	1,7	2,8	5,0	2,0 x 0,75	**Grau** / *Gray*	200
16830FA02	15,0	8,0	1,7	2,8	5,0	2,0 x 0,75	**Weiß** / *White*	200
16817FA08	15,0	8,0	1,7	2,8	5,0	2,0 x 0,75	**Blau** / *Blue*	200
16842FA11	17,0	10,0	1,7	2,8	5,0	2,0 x 0,75	**Grau** / *Gray*	200
16829FA02	17,0	10,0	1,7	2,8	5,0	2,0 x 0,75	**Weiß** / *White*	200
16816FA08	17,0	10,0	1,7	2,8	5,0	2,0 x 0,75	**Blau** / *Blue*	200
16832FA04	15,0	8,0	2,0	3,4	5,4	2,0 x 1,0	**Rot** / *Red*	200
16819FA06	15,0	8,0	2,0	3,4	5,4	2,0 x 1,0	**Gelb** / *Yellow*	200
16820FA06	17,0	10,0	2,0	3,4	5,4	2,0 x 1,0	**Gelb** / *Yellow*	200
16833FA04	17,0	10,0	2,0	3,4	5,4	2,0 x 1,0	**Rot** / *Red*	200
16807FA04	17,0	10,0	2,0	3,4	5,4	2,0 x 1,0	**Rot** / *Red*	200
16834FA01	16,0	8,0	2,2	3,6	6,6	2,0 x 1,5	**Schwarz** / *Black*	200
16821FA04	16,0	8,0	2,2	3,6	6,6	2,0 x 1,5	**Rot** / *Red*	200
16808FA01	16,0	8,0	2,2	3,6	6,6	2,0 x 1,5	**Schwarz** / *Black*	200
16835FA01	20,0	12,0	2,2	3,6	6,6	2,0 x 1,5	**Schwarz** / *Black*	200
16822FA04	20,0	12,0	2,2	3,6	6,6	2,0 x 1,5	**Rot** / *Red*	200
16809FA01	20,0	12,0	2,2	3,6	6,6	2,0 x 1,5	**Schwarz** / *Black*	200
16837FA08	18,5	10,0	2,8	4,2	7,8	2,0 x 2,5	**Blau** / *Blue*	100
16811FA11	18,5	10,0	2,8	4,2	7,8	2,0 x 2,5	**Grau** / *Gray*	100
16824FA08	18,5	10,0	2,8	4,2	7,8	2,0 x 2,5	**Blau** / *Blue*	100
16812FA11	21,5	13,0	2,8	4,2	7,8	2,0 x 2,5	**Grau** / *Gray*	100
16838FA08	21,5	13,0	2,8	4,2	7,8	2,0 x 2,5	**Blau** / *Blue*	100
16825FA08	21,5	13,0	2,8	4,2	7,8	2,0 x 2,5	**Blau** / *Blue*	100

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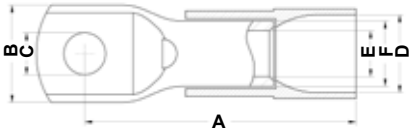


- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Isolation: PP halogenfrei** / *Isolation: PP halogen free*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Temperaturbereich** / *Working temperature:* **105°C max.**
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	Querschnitt mmØ *Section mm²*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
16839FA11	23,0	12,0	3,7	4,9	8,8	2,0 x 4,0	**Grau** / *Gray*	100
16813FA12	23,0	12,0	3,7	4,9	8,8	2,0 x 4,0	**Orange** / orange	100
16826FA11	23,0	12,0	3,7	4,9	8,8	2,0 x 4,0	**Grau** / *Gray*	100
16841FA06	26,0	14,0	4,8	6,9	10,0	2,0 x 6,0	**Gelb** / *Yellow*	50
16815FA10	26,0	14,0	4,8	6,9	10,0	2,0 x 6,0	**Grün** / *Green*	50
16828FA01	26,0	14,0	4,8	6,9	10,0	2,0 x 6,0	**Schwarz** / *Black*	50
16831FA04	26,0	14,0	6,4	7,2	13,0	2,0 x 10,0	**Rot** / *Red*	50
16805FA16	26,0	14,0	6,4	7,2	13,0	2,0 x 10,0	**Braun** / *Brown*	50
16818FA15	26,0	14,0	6,4	7,2	13,0	2,0 x 10,0	**Elfenbein** / *Ivory*	50
16836FA08	30,0	14,0	8,2	9,6	18,4	2,0 x 16,0	**Blau** / *Blue*	50
16810FA15	30,0	14,0	8,2	9,6	18,4	2,0 x 16,0	**Elfenbein** / *Ivory*	50
16823FA10	30,0	14,0	8,2	9,6	18,4	2,0 x 16,0	**Grün** / *Green*	50

ISOLIERTE QUETSCHKABELSCHUHE
INSULATED RING TERMINALS





- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Isolation: PA 6.6/** *Isolation: PA 6.6*
- **Farbe: Schwarz** */ Colour: Black*

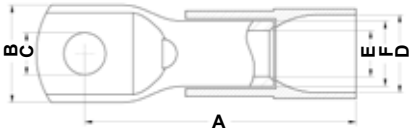
- **isolierte Kabelschuhe** */ Insulated Cable Lugs: 10-105 mm²*
- **Mit Inspektionsöffnung** */ With inspection Hole*
- **Temperaturbereich** */ Working temperature:* **105°C max.**
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Querschnitt mmØ *Section mm²*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
17389ZG91	32,5	10,0	4,3	10,0	4,3	6,7	10,0	Ø 4,0	50
17390ZG91	33,5	10,0	5,3	10,0	4,3	6,7	10,0	Ø 5,0	50
17391ZG91	35,5	11,0	6,4	10,0	4,3	6,7	10,0	Ø 6,0	50
17392ZG91	38,0	15,0	8,4	10,0	4,3	6,7	10,0	Ø 8,0	50
17393ZG91	40,5	18,0	10,5	10,0	4,3	6,7	10,0	Ø 10,0	50
17394ZG91	41,5	19,0	13,0	10,0	4,3	6,7	10,0	Ø 12,0	50
17395ZG91	36,5	12,0	5,3	11,0	5,4	7,8	16,0	Ø 5,0	50
17396ZG91	38,5	12,0	6,4	11,0	5,4	7,8	16,0	Ø 6,0	50
17397ZG91	40,5	15,0	8,4	11,0	5,4	7,8	16,0	Ø 8,0	50
17398ZG91	43,0	18,0	10,5	11,0	5,4	7,8	16,0	Ø 10,0	50
17399ZG91	44,0	20,0	13,0	11,0	5,4	7,8	16,0	Ø 12,0	50
17400ZG91	39,5	14,0	5,3	13,0	6,9	9,4	25,0	Ø 5,0	50
17401ZG91	41,5	14,0	6,4	13,0	6,9	9,4	25,0	Ø 6,0	50
17402ZG91	43,5	15,0	8,4	13,0	6,9	9,4	25,0	Ø 8,0	50
17403ZG91	46,0	18,0	10,5	13,0	6,9	9,4	25,0	Ø 10,0	50
17404ZG91	47,0	20,0	13,0	13,0	6,9	9,4	25,0	Ø 12,0	50
17405ZG91	49,0	22,0	15,0	13,0	6,9	9,4	25,0	Ø 14,0	50
17406ZG91	49,5	16,5	5,3	16,0	8,3	11,3	35,0	Ø 5,0	25
17407ZG91	49,5	16,5	6,4	16,0	8,3	11,3	35,0	Ø 6,0	25
17408ZG91	50,0	16,5	8,4	16,0	8,3	11,3	35,0	Ø 8,0	25
17409ZG91	52,5	18,0	10,5	16,0	8,3	11,3	35,0	Ø 10,0	25
17410ZG91	53,5	20,0	13,0	16,0	8,3	11,3	35,0	Ø 12,0	25
17411ZG91	56,0	22,0	15,0	16,0	8,3	11,3	35,0	Ø 14,0	25
17412ZG91	58,5	26,0	17,0	16,0	8,3	11,3	35,0	Ø 16,0	25
17413ZG91	53,0	19,0	6,4	18,0	9,6	13,1	50,0	Ø 6,0	25
17414ZG91	54,0	19,0	8,4	18,0	9,6	13,1	50,0	Ø 8,0	25
17415ZG91	56,0	20,0	10,5	18,0	9,6	13,1	50,0	Ø 10,0	25
17416ZG91	57,5	23,0	13,0	18,0	9,6	13,1	50,0	Ø 12,0	25

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ISOLIERTE QUETSCHKABELSCHUHE
INSULATED RING TERMINALS



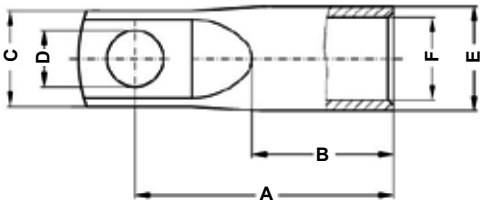


- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Isolation: PA 6.6/** *Isolation: PA 6.6*
- **Farbe: Schwarz** */ Colour: Black*

- **isolierte Kabelschuhe** */ Insulated Cable Lugs: 10-105 mm²*
- **Mit Inspektionsöffnung** */ With inspection Hole*
- **Temperaturbereich** */ Working temperature:* **105°C max.**
- **Alle Maße sind in mm** */ All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Querschnitt mmØ *Section mm²*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
17417ZG91	59,5	25,0	15,0	18,0	9,6	13,1	50,0	Ø 14,0	25
17418ZG91	62,5	27,0	17,0	18,0	9,6	13,1	50,0	Ø 16,0	25
17419ZG91	67,0	28,0	21,0	18,0	9,6	13,1	50,0	Ø 20,0	25
17420ZG91	63,0	22,5	6,4	21,0	11,3	14,7	70,0	Ø 6,0	25
17421ZG91	63,0	22,5	8,4	21,0	11,3	14,7	70,0	Ø 8,0	25
17422ZG91	64,5	22,5	10,5	21,0	11,3	14,7	70,0	Ø 10,0	25
17423ZG91	65,5	23,0	13,0	21,0	11,3	14,7	70,0	Ø 12,0	25
17424ZG91	68,0	26,0	15,0	21,0	11,3	14,7	70,0	Ø 14,0	25
17425ZG91	70,5	28,0	17,0	21,0	11,3	14,7	70,0	Ø 16,0	25
17426ZG91	69,0	25,0	6,4	23,0	13,5	17,5	95,0	Ø 6,0	50
17427ZG91	68,5	25,0	8,4	23,0	13,5	17,5	95,0	Ø 8,0	50
17428ZG91	70,0	25,0	10,5	23,0	13,5	17,5	95,0	Ø 10,0	50
17429ZG91	70,0	26,0	13,0	23,0	13,5	17,5	95,0	Ø 12,0	50
17430ZG91	72,0	26,0	15,0	23,0	13,5	17,5	95,0	Ø 14,0	50
17431ZG91	73,0	28,0	17,0	23,0	13,5	17,5	95,0	Ø 16,0	50
17432ZG91	77,5	31,0	21,0	23,0	13,5	17,5	95,0	Ø 20,0	50
17433ZG91	72,5	29,0	8,4	26,0	15,5	20,0	120,0	Ø 8,0	50
17434ZG91	75,0	29,0	10,5	26,0	15,5	20,0	120,0	Ø 10,0	50
17435ZG91	74,5	29,0	13,0	26,0	15,5	20,0	120,0	Ø 12,0	50
17436ZG91	75,5	29,0	15,0	26,0	15,5	20,0	120,0	Ø 14,0	50
17437ZG91	77,0	29,0	17,0	26,0	15,5	20,0	120,0	Ø 16,0	50
17438ZG91	82,0	35,0	21,0	26,0	15,5	20,0	120,0	Ø 20,0	50
17439ZG91	80,5	31,0	8,4	29,0	16,8	21,3	150,0	Ø 8,0	25
17440ZG91	81,5	31,0	10,5	29,0	16,8	21,3	150,0	Ø 10,0	25
17441ZG91	81,0	31,0	13,0	29,0	16,8	21,3	150,0	Ø 12,0	25
17442ZG91	82,0	31,0	15,0	29,0	16,8	21,3	150,0	Ø 14,0	25
17443ZG91	83,0	31,0	17,0	29,0	16,8	21,3	150,0	Ø 16,0	25
17444ZG91	88,0	35,0	21,0	29,0	16,8	21,3	150,0	Ø 20,0	25

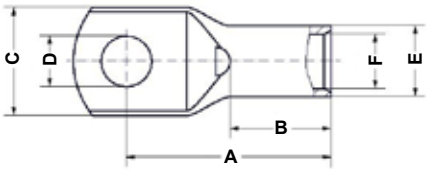




- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Mit Inspektionsöffnung** / *With inspection Hole*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Querschnitt mmØ *Section mm²*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
17187ZG91	32,5	16,0	15,0	6,4	11,3	8,3	35,0	Ø 6,0	25
17189ZG91	36,0	18,0	15,0	6,4	13,1	9,6	50,0	Ø 6,0	25
17188ZG91	39,0	18,0	18,5	10,5	13,1	9,6	50,0	Ø 10,0	25
17191ZG91	41,0	21,0	17,0	6,4	14,7	11,3	70,0	Ø 6,0	25
17190ZG91	42,5	21,0	19,0	10,5	14,7	11,3	70,0	Ø 10,0	25
17193ZG91	48,0	23,0	19,0	8,4	17,5	13,5	95,0	Ø 8,0	25
17192ZG91	50,0	23,0	19,0	10,5	17,5	13,5	95,0	Ø 10,0	25
17182ZG91	51,0	26,0	19,0	8,4	20,0	15,5	120,0	Ø 8,0	25
17181ZG91	53,5	26,0	19,0	10,5	20,0	15,5	120,0	Ø 10,0	25
17184ZG91	55,0	29,0	19,0	8,4	21,3	16,8	150,0	Ø 8,0	10
17183ZG91	57,0	29,0	19,0	10,5	21,3	16,8	150,0	Ø 10,0	10
17185ZG91	59,5	30,0	31,0	13,0	24,0	19,0	185,0	Ø 12,0	10
17186ZG91	69,0	35,0	31,5	13,0	27,3	21,1	240,0	Ø 12,0	10





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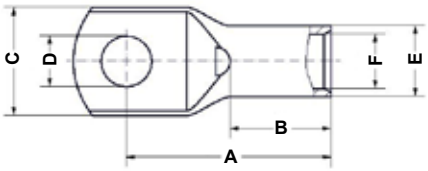
- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Mit Inspektionsöffnung** / *With inspection Hole*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Querschnitt mmØ *Section mm²*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
16892ZG91	14,0	6,0	6,5	3,2	3,9	1,9	1,0 - 1,5	Ø 3,0	50
16893ZG91	15,0	6,0	8,5	4,3	3,9	1,9	1,0 - 1,5	Ø 4,0	50
16894ZG91	16,0	6,0	10,0	5,3	3,9	1,9	1,0 - 1,5	Ø 5,0	50
16895ZG91	18,0	6,0	11,0	6,4	3,9	1,9	1,0 - 1,5	Ø 6,0	50
16907ZG91	15,0	6,5	8,5	4,3	4,4	2,4	2,5	Ø 4,0	50
16908ZG91	16,0	6,5	10,0	5,3	4,4	2,4	2,5	Ø 5,0	50
16909ZG91	18,0	6,5	11,0	6,4	4,4	2,4	2,5	Ø 6,0	50
16910ZG91	20,0	6,5	13,0	8,4	4,4	2,4	2,5	Ø 8,0	50
16924ZG91	17,0	8,0	8,5	4,3	5,0	3,0	4,0	Ø 4,0	50
16925ZG91	18,0	8,0	10,0	5,3	5,0	3,0	4,0	Ø 5,0	50
16926ZG91	20,0	8,0	11,0	6,4	5,0	3,0	4,0	Ø 6,0	50
16927ZG91	22,0	8,0	14,0	8,4	5,0	3,0	4,0	Ø 8,0	50
16929ZG91	17,5	8,0	8,5	4,3	5,5	3,7	6,0	Ø 4,0	50
16930ZG91	19,0	8,0	10,0	5,3	5,5	3,7	6,0	Ø 5,0	50
16931ZG91	21,0	8,0	11,0	6,4	5,5	3,7	6,0	Ø 6,0	50
16932ZG91	23,0	8,0	14,0	8,4	5,5	3,7	6,0	Ø 8,0	50
16906ZG91	25,5	8,0	15,0	10,5	5,5	3,7	6,0	Ø 10,0	50
16898ZG91	19,5	10,0	10,0	4,3	6,7	4,3	10,0	Ø 4,0	50
16899ZG91	20,5	10,0	10,0	5,3	6,7	4,3	10,0	Ø 5,0	50
16900ZG91	22,5	10,0	11,0	6,4	6,7	4,3	10,0	Ø 6,0	50
16901ZG91	25,0	10,0	15,0	8,4	6,7	4,3	10,0	Ø 8,0	50
16896ZG91	27,5	10,0	18,0	10,5	6,7	4,3	10,0	Ø 10,0	50
16997ZG91	28,5	10,0	19,0	13,0	6,7	4,3	10,0	Ø 12,0	50
16904ZG91	22,5	11,0	12,0	5,3	7,8	5,4	16,0	Ø 5,0	50
16905ZG91	24,5	11,0	12,0	6,4	7,8	5,4	16,0	Ø 6,0	50
16906ZG91	26,5	11,0	15,0	8,4	7,8	5,4	16,0	Ø 8,0	50
16902ZG91	29,0	11,0	18,0	10,5	7,8	5,4	16,0	Ø 10,0	50
16903ZG91	30,0	11,0	20,0	13,0	7,8	5,4	16,0	Ø 12,0	50

ROHRKABELSCHUHE MIT SCHMALEM FLANSCH, KUPFER
TUBULAR CABLE LUGS WITH NARROW FLANGE, COPPER

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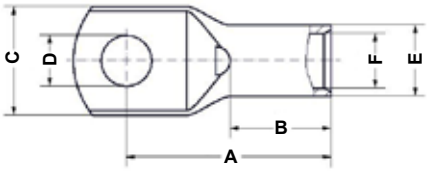
- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Mit Inspektionsöffnung** / *With inspection Hole*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Querschnitt mmØ *Section mm²*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
16914ZG91	25,0	13,0	14,0	5,3	9,4	6,9	25,0	Ø 5,0	50
16915ZG91	27,0	13,0	14,0	6,4	9,4	6,9	25,0	Ø 6,0	50
16916ZG91	29,0	13,0	15,0	8,4	9,4	6,9	25,0	Ø 8,0	50
16917ZG91	31,5	13,0	18,0	10,5	9,4	6,9	25,0	Ø 10,0	50
16918ZG91	32,5	13,0	20,0	13,0	9,4	6,9	25,0	Ø 12,0	50
16913ZG91	34,5	13,0	22,0	15,0	9,4	6,9	25,0	Ø 14,0	50
16921ZG91	32,5	16,0	16,5	5,3	11,3	8,3	35,0	Ø 5,0	50
16922ZG91	32,5	16,0	16,5	6,4	11,3	8,3	35,0	Ø 6,0	50
16923ZG91	33,0	16,0	16,5	8,4	11,3	8,3	35,0	Ø 8,0	50
16917ZG91	35,5	16,0	18,0	10,5	11,3	8,3	35,0	Ø 10,0	50
16918ZG91	36,5	16,0	20,0	13,0	11,3	8,3	35,0	Ø 12,0	50
16919ZG91	39,0	16,0	22,0	15,0	11,3	8,3	35,0	Ø 14,0	50
16920ZG91	41,5	16,0	26,0	17,0	11,3	8,3	35,0	Ø 16,0	25
16956ZG91	36,0	18,0	19,0	6,4	13,1	9,6	50,0	Ø 6,0	25
16957ZG91	37,0	18,0	19,0	8,4	13,1	9,6	50,0	Ø 8,0	25
16951ZG91	39,0	18,0	20,0	10,5	13,1	9,6	50,0	Ø 10,0	25
16952ZG91	40,5	18,0	23,0	13,0	13,1	9,6	50,0	Ø 12,0	25
16953ZG91	42,5	18,0	25,0	15,0	13,1	9,6	50,0	Ø 14,0	25
16954ZG91	45,5	18,0	27,0	17,0	13,1	9,6	50,0	Ø 16,0	25
16955ZG91	50,0	18,0	28,0	21,0	13,1	9,6	50,0	Ø 20,0	25
16962ZG91	41,0	21,0	22,5	6,4	14,7	11,3	70,0	Ø 6,0	25
16963ZG91	41,0	21,0	22,5	8,4	14,7	11,3	70,0	Ø 8,0	25
16958ZG91	42,5	21,0	22,5	10,5	14,7	11,3	70,0	Ø 10,0	25
16959ZG91	43,5	21,0	23,0	13,0	14,7	11,3	70,0	Ø 12,0	25
16960ZG91	46,0	21,0	26,0	15,0	14,7	11,3	70,0	Ø 14,0	25
16961ZG91	48,5	21,0	28,0	17,0	14,7	11,3	70,0	Ø 16,0	25
16969ZG91	46,0	23,0	25,0	6,4	17,5	13,5	95,0	Ø 6,0	25
16970ZG91	45,5	23,0	25,0	8,4	17,5	13,5	95,0	Ø 8,0	25
16964ZG91	47,0	23,0	25,0	10,5	17,5	13,5	95,0	Ø 10,0	25

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TUBULAR CABLE LUGS WITH NARROW FLANGE, COPPER

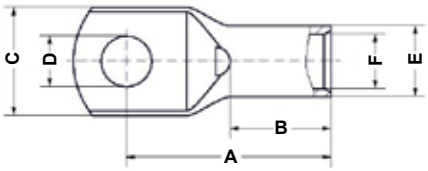




- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Mit Inspektionsöffnung** / *With inspection Hole*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Querschnitt mmØ *Section mm²*	Bohrung *Hole*	VPE-Stckz. *Moq-Pcs*
16965ZG91	47,0	23,0	26,0	13,0	17,5	13,5	95,0	Ø 12,0	25
16966ZG91	49,0	23,0	26,0	15,0	17,5	13,5	95,0	Ø 14,0	25
16967ZG91	50,0	23,0	28,0	17,0	17,5	13,5	95,0	Ø 16,0	25
16968ZG91	54,5	23,0	31,0	21,0	17,5	13,5	95,0	Ø 20,0	25
16938ZG91	50,5	26,0	29,0	8,4	20,0	15,5	120,0	Ø 8,0	25
16933ZG91	53,0	26,0	29,0	10,5	20,0	15,5	120,0	Ø 10,0	25
16934ZG91	52,5	26,0	29,0	13,0	20,0	15,5	120,0	Ø 12,0	25
16935ZG91	53,5	26,0	29,0	15,0	20,0	15,5	120,0	Ø 14,0	25
16936ZG91	55,0	26,0	29,0	17,0	20,0	15,5	120,0	Ø 16,0	25
16937ZG91	60,0	26,0	35,0	21,0	20,0	15,5	120,0	Ø 20,0	10
16944ZG91	55,5	29,0	31,0	8,4	21,3	16,8	150,0	Ø 8,0	10
16939ZG91	56,5	29,0	31,0	10,5	21,3	16,8	150,0	Ø 10,0	10
16940ZG91	56,0	29,0	31,0	13,0	21,3	16,8	150,0	Ø 12,0	10
16941ZG91	57,0	29,0	31,0	15,0	21,3	16,8	150,0	Ø 14,0	10
16942ZG91	58,0	29,0	31,0	17,0	21,3	16,8	150,0	Ø 16,0	10
16943ZG91	63,0	29,0	35,0	21,0	21,3	16,8	150,0	Ø 20,0	10
16950ZG91	58,0	30,0	35,0	8,4	24,0	19,0	185,0	Ø 8,0	10
16945ZG91	59,0	30,0	35,0	10,5	24,0	19,0	185,0	Ø 10,0	10
16946ZG91	58,5	30,0	35,0	13,0	24,0	19,0	185,0	Ø 12,0	10
16947ZG91	61,0	30,0	35,0	15,0	24,0	19,0	185,0	Ø 14,0	10
16948ZG91	63,0	30,0	35,0	17,0	24,0	19,0	185,0	Ø 16,0	10
16949ZG91	66,0	30,0	35,0	21,0	24,0	19,0	185,0	Ø 20,0	10
16976ZG91	69,0	35,0	39,0	8,4	27,3	21,1	240,0	Ø 8,0	10
16971ZG91	69,0	35,0	39,0	10,5	27,3	21,1	240,0	Ø 10,0	10
16972ZG91	69,0	35,0	39,0	13,0	27,3	21,1	240,0	Ø 12,0	10
16973ZG91	71,0	35,0	39,0	15,0	27,3	21,1	240,0	Ø 14,0	10
16974ZG91	71,5	35,0	39,0	17,0	27,3	21,1	240,0	Ø 16,0	10
16975ZG91	73,0	35,0	39,0	21,0	27,3	21,1	240,0	Ø 20,0	10
16977ZG91	79,5	42,0	44,0	10,5	30,0	24,0	300,0	Ø 10,0	5



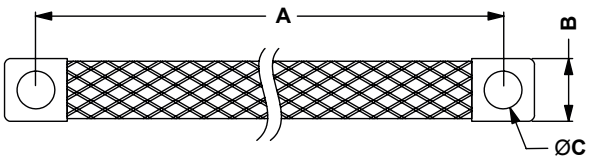


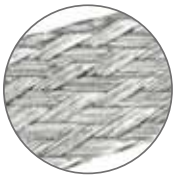
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- **Material: Kupfer CU-ETP 99,9% galv. verzinnt**
  Material: CU-ETP 99.9% tin-plated copper
- **Mit Inspektionsöffnung** / *With inspection Hole*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	**A**	**B**	**C**	**D**	**E**	**F**	**Querschnitt mmØ** *Section mm²*	**Bohrung** *Hole*	**VPE-Stckz.** *Moq-Pcs*
16978ZG91	82,0	42,0	44,0	13,0	30,0	24,0	300,0	Ø 12,0	5
16979ZG91	84,0	42,0	44,0	15,0	30,0	24,0	300,0	Ø 14,0	5
16980ZG91	85,0	42,0	44,0	17,0	30,0	24,0	300,0	Ø 16,0	5
16981ZG91	85,0	42,0	44,0	21,0	30,0	24,0	300,0	Ø 20,0	5
16982ZG91	94,0	42,0	51,0	10,5	35,0	27,0	400,0	Ø 10,0	5
16983ZG91	94,0	42,0	51,0	13,0	35,0	27,0	400,0	Ø 12,0	5
16984ZG91	94,0	42,0	51,0	15,0	35,0	27,0	400,0	Ø 14,0	5
16985ZG91	94,0	42,0	51,0	17,0	35,0	27,0	400,0	Ø 16,0	5
16986ZG91	94,0	42,0	51,0	21,0	35,0	27,0	400,0	Ø 20,0	5
16987ZG91	113,0	70,0	55,5	13,0	38,0	31,0	500,0	Ø 12,0	5
16988ZG91	113,0	70,0	55,5	17,0	38,0	31,0	500,0	Ø 16,0	5
16989ZG91	113,0	70,0	55,5	21,0	38,0	31,0	500,0	Ø 20,0	5
16990ZG91	131,0	70,0	61,0	17,0	41,0	34,0	630,0	Ø 16,0	5
16991ZG91	131,0	70,0	61,0	21,0	41,0	34,0	630,0	Ø 20,0	5
16991ZG91	131,0	70,0	61,0	21,0	41,0	34,0	630,0	Ø 20,0	5





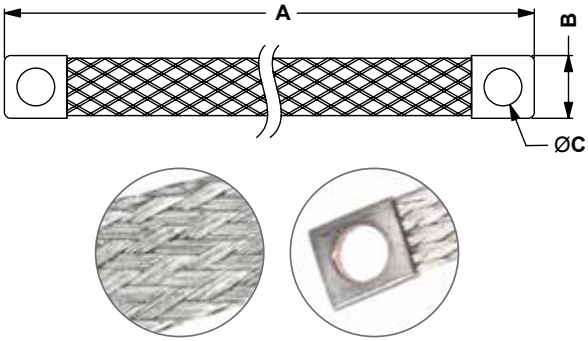




- **Material: Kupferdraht verzinnt** / *Material: Tinned copper*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Querschnitt mmØ *Section mm²*	A	B	ØC	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16379ZG91	6,0	100,0	11,0	7,0		10
16420ZG91	6,0	150,0	11,0	7,0		10
16421ZG91	6,0	200,0	11,0	7,0		10
16422ZG91	6,0	250,0	11,0	7,0		10
16423ZG91	6,0	300,0	11,0	7,0		10
16424ZG91	6,0	400,0	11,0	7,0		10
16425ZG91	6,0	500,0	11,0	7,0		10
16426ZG91	10,0	100,0	17,0	7,0		10
16427ZG91	10,0	100,0	17,0	9,0		10
14628ZG91	10,0	150,0	17,0	9,0		10
16429ZG91	10,0	200,0	17,0	7,0		10
16430ZG91	10,0	200,0	17,0	9,0		10
16431ZG91	10,0	250,0	17,0	7,0		10
16432ZG91	10,0	300,0	17,0	7,0		10
16433ZG91	10,0	300,0	17,0	9,0		10
16434ZG91	10,0	400,0	17,0	7,0		10
16435ZG91	10,0	400,0	17,0	9,0		10
16436ZG91	10,0	500,0	17,0	7,0		10
16437ZG91	16,0	100,0	17,0	7,0		10
16438ZG91	16,0	100,0	17,0	9,0		10
16439ZG91	16,0	150,0	17,0	7,0		10
16440ZG91	16,0	150,0	17,0	9,0		10
16441ZG91	16,0	200,0	17,0	7,0		10
16442ZG91	16,0	200,0	17,0	9,0		10



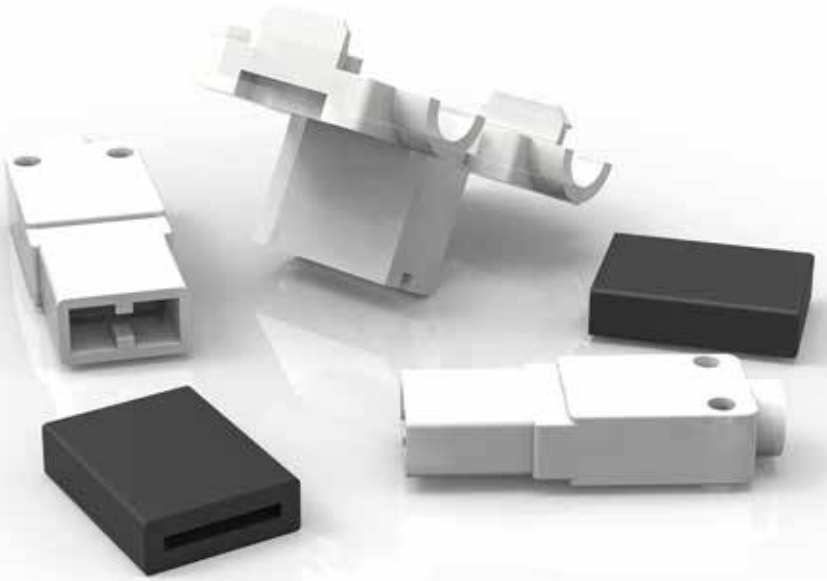


RoHS compliant

- **Material: Kupferdraht verzinnt** / *Material: Tinned copper*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	Querschnitt mmØ *Section mm²*	A	B	ØC	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
16443ZG91	16,0	250,0	17,0	9,0		10
16444ZG91	16,0	300,0	17,0	7,0		10
16445ZG91	16,0	300,0	17,0	9,0		10
16446ZG91	16,0	350,0	17,0	9,0		10
16447ZG91	16,0	400,0	17,0	9,0		10
16448ZG91	16,0	500,0	17,0	9,0		10
16449ZG91	16,0	600,0	17,0	9,0		10
16450ZG91	25,0	100,0	23,0	11,0		10
16451ZG91	25,0	150,0	23,0	11,0		10
16452ZG91	25,0	200,0	23,0	9,0		10
16453ZG91	25,0	200,0	23,0	11,0		10
16454ZG91	25,0	250,0	23,0	9,0		10
16455ZG91	25,0	300,0	23,0	9,0		10
16456ZG91	25,0	300,0	23,0	11,0		10
16457ZG91	25,0	350,0	23,0	11,0		10
16458ZG91	25,0	400,0	23,0	9,0		10
16459ZG91	25,0	500,0	23,0	9,0		10
16460ZG91	25,0	600,0	23,0	9,0		10

20



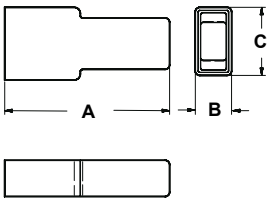
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Isolationsprodukte | *Insulation products*

ISOLIERGEHÄUSE FÜR STECKER
ISOLATION COVER FOR CONNECTORS

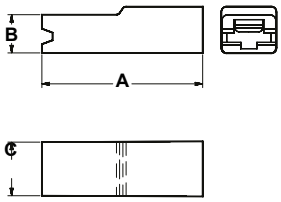
TYPE 1





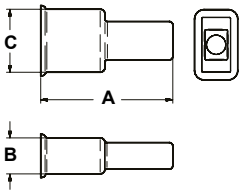
TYPE 2





TYPE 3





- **Material: PA 6.6** / *Material: Nylon 6.6*
- **Temperaturbereich** / *Working temperature:* **-35°C bis + 85°C**
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **D = Breite des Flachsteckers** / *Width of groove terminal.*
- **Alle Maße sind in mm** / *All dimensions are in mm*

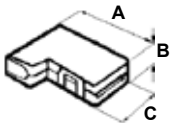
ARTIKEL *P/N*	TYPE	A	B	C	D	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
0918AA00	1	22,0	5,0	9,0	6,3	**Für Steckhülsen** / *For groove terminal*	5.000
1868AA00	2	20,5	6,0	6,0	2,8	**Für Steckhülsen** / *For groove terminal*	5.000
1149AA00	2	21,0	6,0	7,2	4,8	**Für Steckhülsen** / *For groove terminal*	5.000
0917AA00	2	25,0	6,5	9,0	6,3	**Für Steckhülsen** / *For groove terminal*	5.000
1867AA00	3	22,0	6,0	10,5	6,3	**Für Flachstecker** / *For tongue terminal*	5.000

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ISOLIERGEHÄUSE FÜR FLACHSTECKER & HÜLSEN
ISOLATION COVER FOR CONNECTORS

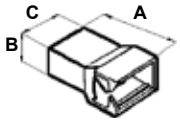
TYPE 1





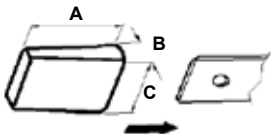
TYPE 2





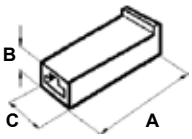
TYPE 3





TYPE 4PF





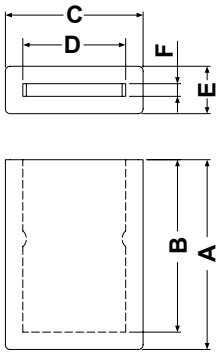
- **Material: siehe Tabelle** / *Material: see Table*
- **Entflammbarkeit** / *UL Flammability:* **V2 (UL94)**
- **Farbe: Natur** / *Colour: Natural*
- **Temperaturbereich PA 6.6** / *Working temperature Nylon 6.6:* **-35°C bis + 85°C**
- **Temperaturbereich PVC** / *Working temperature PVC:* **-25°C bis + 60°C**
- **D = Breite des Flachsteckers** / *Width of groove terminal.*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	TYPE	A	B	C	D	Anmerkungen *Notes*	MATERIAL	VPE-Stckz. *Moq-Pcs*
0919AA00	1	18,0	5,0	10,0	6,3	**Für Steckhülsen** / *For groove terminal*	*PA 6.6*	5.000
1151AA00	2	18,0	5,3	10,0	6,3	**Für Steckhülsen** / *For groove terminal*	*PA 6.6*	5.000
4441CA01	3	13,0	3,0	9,0	6,3	**Für Flachstecker** / *For tongue terminal*	*PVC*	5.000
1152AA00	4PF	32,0	6,5	10,0	6,3	**Für Steckhülsen** / *For groove terminal*	*PA 6.6*	5.000

ISOLIERKAPPE FÜR FLACHSTECKERHÜLSEN
CLOSE-END FOR CONNECTORS



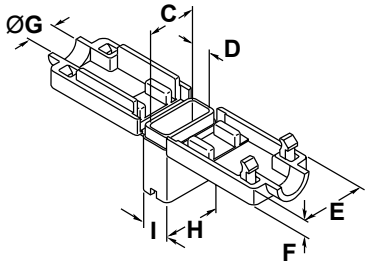


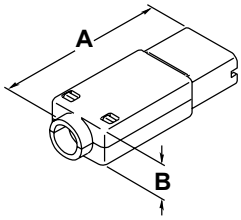


- **Material: PE-LD** / *Material: PE-LD*
- **Temperaturbereich** / *Working temperature:* **-30°C ~ +70°C**
- **Entflammbarkeit** / *UL Flammability:* **HB (UL94)**
- **Farbe: Schwarz** / *Colour: Black*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
12793EA01	12,0	10,9	8,7	6,5	3,0	0,8		500







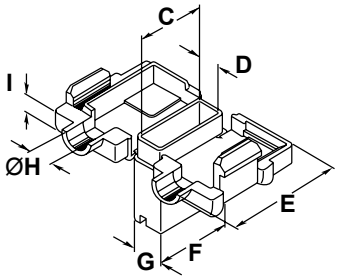
- **Material: siehe Tabelle** / *Material:see Table*
- **Entflammbarkeit** / *UL Flammability: siehe Tabelle*
- **Temperaturbereich** / Working temperature**: -30°C ~ +85°C**
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

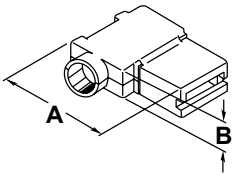
ARTIKEL *P/N*	A	B	C	D	E	F	ØG	H	I	Material *Material*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
11628AA00	22,3	4,6	4,1	2,3	8,0	2,3	3,0	6,0	3,9	PA 6.6 V0(UL94)	**Natur** / *Natural*	500
11629AA00	21,9	5,2	6,1	2,6	8,8	2,6	3,6	7,5	3,9	PA 6.6 V0(UL94)	**Natur** / *Natural*	500
11630AA00	24,6	5,2	6,8	2,9	8,8	2,6	3,6	8,5	4,4	PA 6.6 V0(UL94)	**Natur** / *Natural*	500
11631AA00	26,0	5,6	8,0	3,4	9,8	2,8	4,1	9,3	4,7	PA 6.6 V0(UL94)	**Natur** / *Natural*	500
11628AR02	22,3	4,6	4,1	2,3	8,0	2,3	3,0	6,0	3,9	PA 6 V2(UL94)	**Weiß** / *White*	500
11629AR02	21,9	5,2	6,1	2,6	8,8	2,6	3,6	7,5	3,9	PA 6 V2(UL94)	**Weiß** / *White*	500
11630AR02	24,6	5,2	6,8	2,9	8,8	2,6	3,6	8,5	4,4	PA 6 V2(UL94)	**Weiß** / *White*	500
11631AR02	26,0	5,6	8,0	3,4	9,8	2,8	4,1	9,3	4,7	PA 6 V2(UL94)	**Weiß** / *White*	500

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ISOLIERGEHÄUSE FÜR FLACHSTECKER 90°
SLEEVE ISOLATION COVER 90°

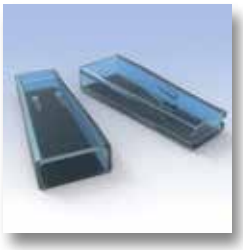


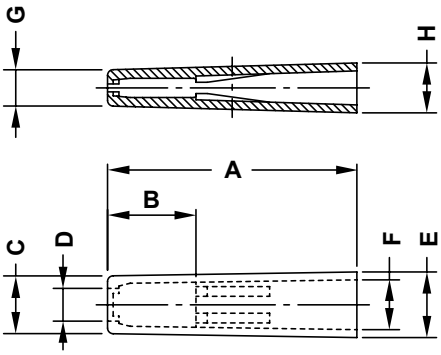




- **Material: siehe Tabelle** / *Material: see Table*
- **Temperaturbereich** / Working temperature**: -30°C ~ +85°C**
- **Entflammbarkeit : siehe Tabelle**/ *UL Flammability: see Table*
- **Farbe: Siehe tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

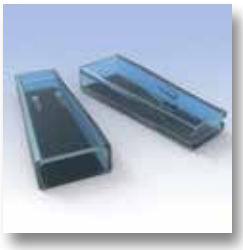
ARTIKEL *P/N*	A	B	C	D	E	F	G	ØH	I	Material *Material*	Farbe *Colour*	VPE-Stckz. *Moq-Pcs*
11624AA00	15,5	5,4	6,4	3,0	13,5	7,9	4,5	3,6	2,7	PA 6.6 V0(UL94)	**Natur** / *Natural*	500
11625AA00	14,6	5,4	6,4	3,0	13,5	7,9	4,5	3,4	2,7	PA 6.6 V0(UL94)	**Natur** / *Natural*	500
11626AA00	15,5	5,8	7,0	3,2	15,0	8,7	4,7	4,0	2,9	PA 6.6 V0(UL94)	**Natur** / *Natural*	500
11627AA00	18,0	6,0	8,8	3,9	16,0	10,3	5,1	3,9	3,0	PA 6.6 V0(UL94)	**Natur** / *Natural*	500
10959AA00	17,8	7,2	8,8	5,0	16,9	10,2	6,4	5,0	3,6	PA 6.6 V0(UL94)	**Natur** / *Natural*	500
11624AR02	15,5	5,4	6,4	3,0	13,5	7,9	4,5	3,6	2,7	PA 6 V2(UL94)	**Weiß** / *White*	500
11625AR02	14,6	5,4	6,4	3,0	13,5	7,9	4,5	3,4	2,7	PA 6 V2(UL94)	**Weiß** / *White*	500
11626AR02	15,5	5,8	7,0	3,2	15,0	8,7	4,7	4,0	2,9	PA 6 V2(UL94)	**Weiß** / *White*	500
11627AR02	18,0	6,0	8,8	3,9	16,0	10,3	5,1	3,9	3,0	PA 6 V2(UL94)	**Weiß** / *White*	500
10959AR02	17,8	7,2	8,8	5,0	16,9	10,2	6,4	5,0	3,6	PA 6 V2(UL94)	**Weiß** / *White*	500

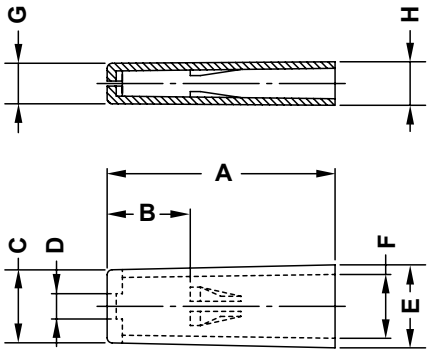




- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparentes Blau** / *Colour: Transparent blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14902CA08	22,0	7,8	5,1	2,9	5,8	4,4	3,2	4,4		1.000



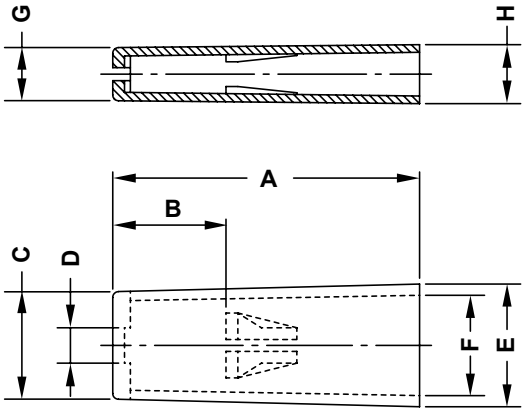


- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparentes Blau** / *Colour: Transparent blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14903CA08	22,5	8,2	7,2	2,5	8,2	6,3	4,0	4,3		1.000

ISOLIERABDECKUNG FÜR FLACHSTECKER
ISOLATION COVER FOR CONNECTORS

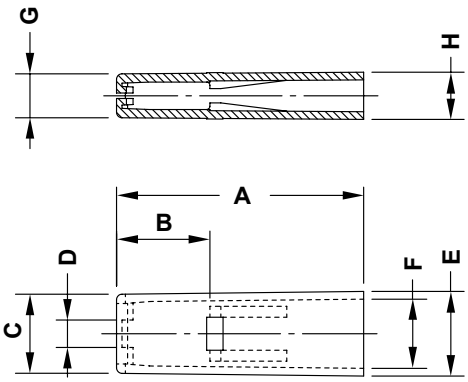




- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparentes Blau** / *Colour: Transparent blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14904CA08	26,0	9,6	9,1	3,0	10,4	8,5	4,5	5,0		1.000



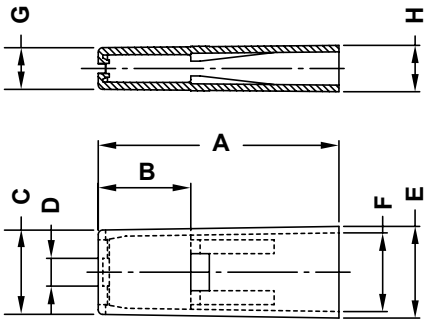


- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparentes Blau** / *Colour: Transparent blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14905CA08	22,5	8,5	7,2	2,5	7,7	6,3	4,0	4,3		1.000

ISOLIERABDECKUNG FÜR FLACHSTECKER
ISOLATION COVER FOR CONNECTORS

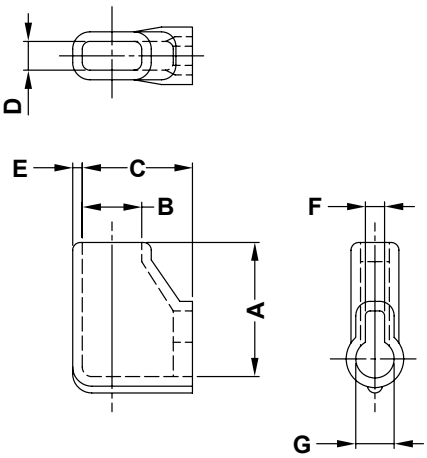




- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Transparentes Blau** / *Colour: Transparent blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14906CA08	26,0	10,0	9,1	3,0	9,9	8,5	4,5	5,0		1.000





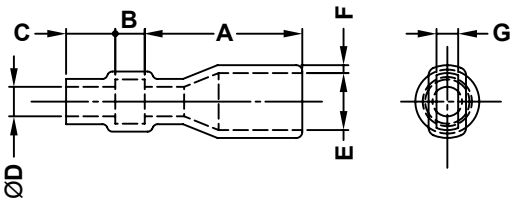
- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:*
  - **Transparent** / *Transparent:* **-40°C ~ +60°C**
  - **Transparentes Blau** / *Transparent blue:* **-40°C ~ +105°C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	E	F	G	Farbe *Colour*	*Anmerk. Notes*	VPE-Stckz. *Moq-Pcs*
14967CA00	13,0	5,0	11,5	2,9	1,0	2,0	3,2	**Transparent** / *Transparent*		1.000
14968CA00	16,5	6,5	14,0	3,5	1,0	2,0	3,2	**Transparent** / *Transparent*		1.000
14969CA08	13,0	5,0	11,5	2,9	1,0	2,0	3,2	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14970CA08	16,5	6,5	14,0	3,5	1,0	2,0	3,2	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000

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ISOLIERABDECKUNG FLACHSTECKER
ISOLATION COVER CONNECTOR



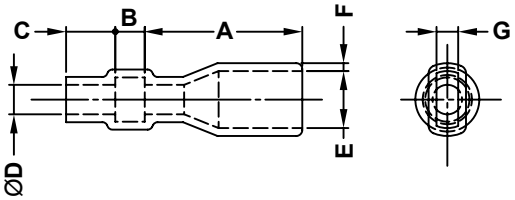


- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:*
  - **Transparent** / *Transparent:* **-40°C ~ +60°C**
  - **Transparentes Blau** / *Transparent blue:* **-40°C ~ +105°C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	ØD	E	F	G	Farbe *Colour*	Anmerk. *Notes*	VPE-Stckz. *Moq-Pcs*
14909CA00	15,5	2,5	5,0	2,0	5,8	0,9	2,2	**Transparent** / *Transparent*		1.000
14910CA00	15,5	2,5	5,0	2,5	5,8	0,9	2,2	**Transparent** / *Transparent*		1.000
14911CA00	15,5	2,5	5,0	3,0	5,8	0,9	2,2	**Transparent** / *Transparent*		1.000
14912CA00	15,0	3,0	5,0	3,5	5,8	0,9	2,2	**Transparent** / *Transparent*		1.000
14913CA00	15,0	3,0	5,0	4,0	5,8	0,9	2,2	**Transparent** / *Transparent*		1.000
14914CA00	15,0	3,0	5,0	4,5	5,8	0,9	2,2	**Transparent** / *Transparent*		1.000
14915CA08	15,5	2,5	5,0	2,0	5,8	0,9	2,2	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14916CA08	15,5	2,5	5,0	2,5	5,8	0,9	2,2	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14917CA08	15,5	2,5	5,0	3,0	5,8	0,9	2,2	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14918CA08	15,0	3,0	5,0	3,5	5,8	0,9	2,2	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14919CA08	15,0	3,0	5,0	4,0	5,8	0,9	2,2	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14920CA08	15,0	3,0	5,0	4,5	5,8	0,9	2,2	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14921CA00	16,0	3,0	5,0	2,0	6,5	0,9	3,0	**Transparent** / *Transparent*		1.000
14922CA00	16,0	3,0	5,0	2,5	6,5	0,9	3,0	**Transparent** / *Transparent*		1.000
14923CA00	16,0	3,0	5,0	3,0	6,5	0,9	3,0	**Transparent** / *Transparent*		1.000
14924CA00	16,0	3,0	5,0	3,5	6,5	0,9	3,0	**Transparent** / *Transparent*		1.000
14925CA00	16,0	3,0	5,0	4,0	6,5	0,9	3,0	**Transparent** / *Transparent*		1.000
14926CA08	16,0	3,0	5,0	2,0	6,5	0,9	3,0	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14927CA08	16,0	3,0	5,0	2,5	6,5	0,9	3,0	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14928CA08	16,0	3,0	5,0	3,0	6,5	0,9	3,0	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14929CA08	16,0	3,0	5,0	3,5	6,5	0,9	3,0	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14930CA08	16,0	3,0	5,0	4,0	6,5	0,9	3,0	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14931CA00	16,0	3,0	5,0	2,0	8,0	1,0	3,5	**Transparent** / *Transparent*		1.000
14932CA00	16,0	3,0	5,0	2,5	8,0	1,0	3,5	**Transparent** / *Transparent*		1.000
14933CA00	15,5	3,5	5,0	3,0	8,0	1,0	3,5	**Transparent** / *Transparent*		1.000
14934CA00	16,5	2,5	5,0	3,2	8,0	1,0	3,5	**Transparent** / *Transparent*		1.000
14935CA00	16,0	3,0	5,0	3,5	8,0	1,0	3,5	**Transparent** / *Transparent*		1.000
14936CA00	17,5	2,5	5,0	3,8	8,0	1,0	3,5	**Transparent** / *Transparent*		1.000

ISOLIERABDECKUNG FLACHSTECKER
ISOLATION COVER CONNECTOR





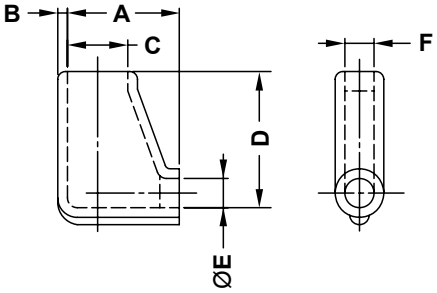
- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:*
  - **Transparent** / *Transparent:* **-40°C ~ +60°C**
  - **Blau transparent** / *Transparent blue:* **-40°C ~ +105°C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	ØD	E	F	G	Farbe *Colour*	Anmerk. *Notes*	VPE-Stckz. *Moq-Pcs*
14937CA00	16,5	3,0	5,0	4,0	8,0	1,0	3,5	**Transparent** / *Transparent*		1.000
14938CA00	17,5	2,5	5,0	4,8	8,0	1,0	3,5	**Transparent** / *Transparent*		1.000
14939CA00	19,5	2,5	5,0	6,0	8,0	1,0	3,5	**Transparent** / *Transparent*		1.000
14940CA08	16,0	3,0	5,0	2,0	8,0	1,0	3,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14941CA08	16,0	3,0	5,0	2,5	8,0	1,0	3,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14942CA08	15,5	3,5	5,0	3,0	8,0	1,0	3,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14943CA08	16,5	2,5	5,0	3,2	8,0	1,0	3,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14944CA08	16,0	3,0	5,0	3,5	8,0	1,0	3,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14945CA08	17,5	2,5	5,0	3,8	8,0	1,0	3,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14946CA08	16,5	3,0	5,0	4,0	8,0	1,0	3,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14947CA08	17,5	2,5	5,0	4,8	8,0	1,0	3,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14948CA08	19,5	2,5	5,0	6,0	8,0	1,0	3,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000

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ISOLIERABDECKUNG FLACHSTECKER 90°
ISOLATION COVER CONNECTOR 90°



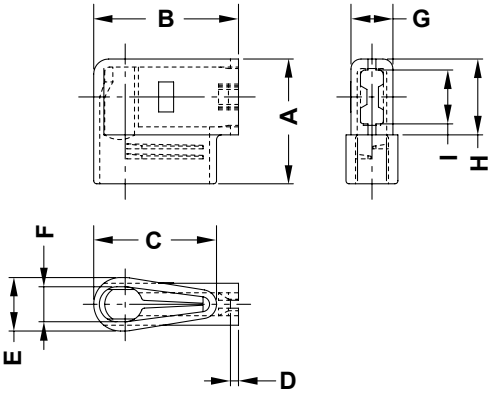


- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:*
  - **Transparent** / *Transparent:* **-40°C ~ +60°C**
  - **Blau transparent** / *Transparent blue:* **-40°C ~ +105°C**
- **Entflammbarkeit: siehe Tabelle** / *UL Flammability: see Table*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N*	A	B	C	D	ØE	F	Farbe *Colour*	Anmerk. *Notes*	VPE-Stckz. *Moq-Pcs*
14949CA00	11,5	1,0	6,2	14,0	2,5	3,0	**Transparent** / *Transparent*		1.000
14950CA00	11,5	1,0	6,2	14,0	3,0	3,0	**Transparent** / *Transparent*		1.000
14951CA00	11,5	1,0	6,2	14,0	3,2	3,0	**Transparent** / *Transparent*		1.000
14958CA08	11,5	1,0	6,2	14,0	2,5	3,0	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14959CA08	11,5	1,0	6,2	14,0	3,0	3,0	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14960CA00	11,5	1,0	6,2	14,0	3,2	3,0	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14952CA00	13,5	1,0	8,5	17,5	2,5	4,5	**Transparent** / *Transparent*		1.000
14953CA00	13,5	1,0	8,5	17,5	3,0	4,5	**Transparent** / *Transparent*		1.000
14954CA00	13,5	1,0	8,5	17,5	3,2	4,5	**Transparent** / *Transparent*		1.000
14955CA00	13,5	1,0	8,5	17,5	4,0	4,5	**Transparent** / *Transparent*		1.000
14956CA00	13,5	1,0	8,5	17,5	4,8	4,5	**Transparent** / *Transparent*		1.000
14957CA00	13,5	1,0	8,5	17,5	5,0	4,5	**Transparent** / *Transparent*		1.000
14961CA08	13,5	1,0	8,5	17,5	2,5	4,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14962CA08	13,5	1,0	8,5	17,5	3,0	4,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14963CA08	13,5	1,0	8,5	17,5	3,2	4,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14964CA08	13,5	1,0	8,5	17,5	4,0	4,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14965CA08	13,5	1,0	8,5	17,5	4,8	4,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000
14966CA08	13,5	1,0	8,5	17,5	5,0	4,5	**Blau transp.** / *Transparent blue*	V0 (UL94)	1.000

ISOLIERABDECKUNG FLACHSTECKER 90°
ISOLATION COVER CONNECTOR 90°





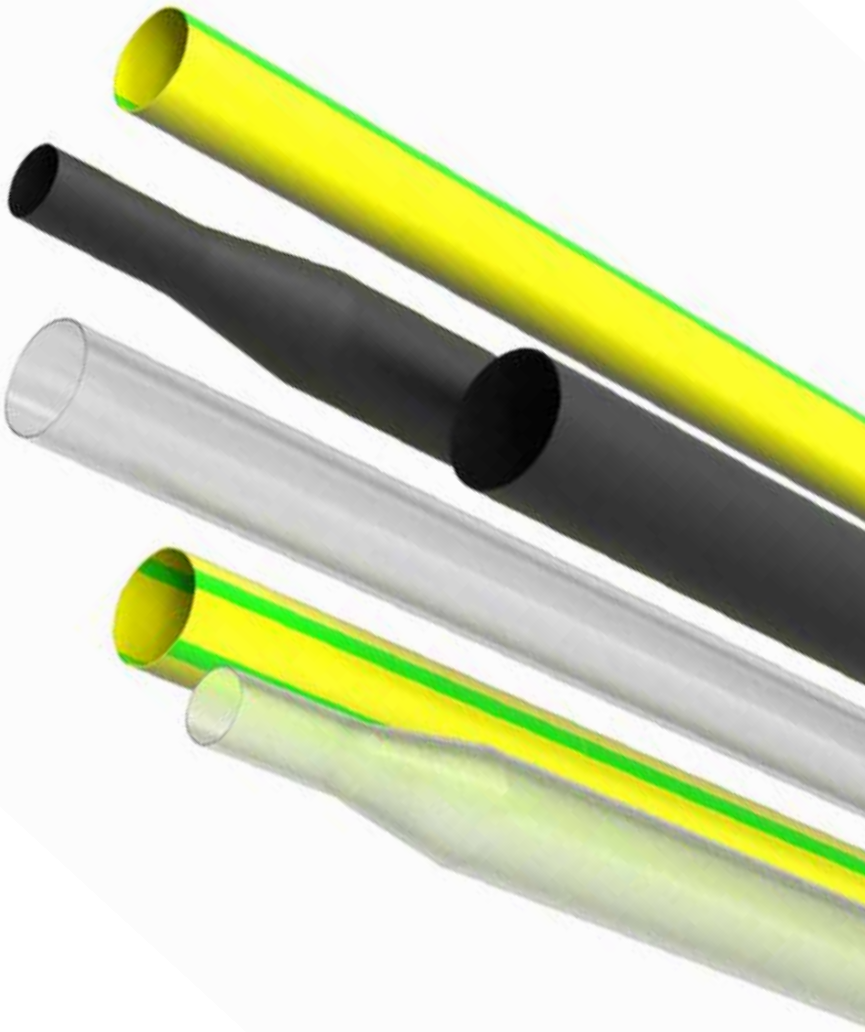
- **Material: PVC** / *Material: PVC*
- **Temperaturbereich** / *Working temperature:* **-40°C ~ +105°C**
- **Entflammbarkeit** / *UL Flammability:* **V0 (UL94)**
- **Farbe: Blau / Transparent** / *Colour: Transparent blue*
- **Alle Maße sind in mm** / *All dimensions are in mm*

Montierbar mit konfektionierten Flachstecker / *Assembling with mounted connector*

ARTIKEL *P/N*	A	B	C	D	E	F	G	H	I	Anmerkungen *Notes*	VPE-Stckz. *Moq-Pcs*
14907CA08	12,5	14,5	12,3	0,8	5,2	3,3	4,2	7,6	5,7		1.000
14908CA08	14,8	17,2	15,1	0,8	6,0	4,2	4,9	9,8	8,3		1.000

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Schrumpfschläuche , Kabelbündelschläuche |
Shrinkable protective coverings

DÜNNWANDIGER POLYOLEFIN SCHRUMPFSCHLAUCH 2:1 / +125°
THIN-WALL HEAT SHRINK TUBING 2:1 / +125°



- **Farbe: Schwarz** */ Colour: Black*
- **Material: vernetztes Polyolefin** */ Materials: Crosslinked Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **2:1**
- **Flammhemmend** */ Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1**
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +125 °C**
- **Min. Schrumpftemperatur** */ Minimum shrink temperature* **+70 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+100 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

***Andere Farben auf Anfrage erhältlich**
Available in other colours on special request

***Ab Ø 9,5 wird der Schlauch flach angeliefert**
From a diameter up to 9,5 shrink tubing are flat

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Meter pro Rolle** *Reel / Meter*
14221RA01	1,2	0,6	0,33	150
14222RA01	1,6	0,8	0,36	150
14223RA01	2,4	1,2	0,42	150
14224RA01	3,2	1,6	0,42	150
14225RA01	4,8	2,4	0,52	75
14226RA01	6,4	3,2	0,54	75
14227RA01	9,5	4,8	0,54	75
14228RA01	12,7	6,4	0,62	50
14229RA01	16,0	8,0	0,67	50
14230RA01	19,0	9,5	0,75	30
14231RA01	25,4	12,7	0,85	30
14232RA01	31,8	15,9	0,85	30
14233RA01	38,1	19,1	0,96	30
14234RA01	50,8	25,4	0,97	30
14235RA01	76,2	38,1	1,17	15
14236RA01	102,0	50,8	1,30	15
14237RA01	126,0	63,5	1,30	15
14238RA01	150,0	76,0	1,30	15

DÜNNWANDIGER POLYOLEFIN SCHRUMPFSCHLAUCH 2:1 / +135°
THIN-WALL HEAT SHRINK TUBING 2:1 / +135°



- **Farbe: Schwarz** */ Colour: Black*
- **Material: vernetztes Polyolefin** */ Materials: Crosslinked Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **2:1**
- **Flammhemmend** */ Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1**
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +135 °C**
- **Min. Schrumpftemperatur** */ Minimum shrink temperature* **+70 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+100 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

***Andere Farben auf Anfrage erhältlich**
Available in other colours on special request

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung: Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Meter pro Rolle** *Reel / Meter*
14250RA01	1,2	0,6	0,38	150
14251RA01	1,6	0,8	0,4	150
14252RA01	2,4	1,2	0,48	150
14253RA01	3,2	1,6	0,48	150
14254RA01	4,8	2,4	0,48	75
14255RA01	6,4	3,2	0,56	75
14256RA01	9,5	4,8	0,62	75
14257RA01	12,7	6,4	0,62	50
14258RA01	15,9	8,0	0,68	50
14259RA01	19,0	9,5	0,69	30
14260RA01	25,4	12,7	0,89	30
14261RA01	32,0	15,9	1,0	30
14262RA01	38,1	19,0	1,0	30
14263RA01	50,8	25,4	1,1	30
14264RA01	76,2	38,1	1,2	15
14265RA01	102,0	50,8	1,35	15

DÜNNWANDIGER POLYOLEFIN SCHRUMPFSCHLAUCH 3:1 / +125°
THIN-WALL HEAT SHRINK TUBING 3:1 / +125°



- **Farbe: Schwarz** */ Colour: Black*
- **Material: vernetztes Polyolefin** */ Materials: Crosslinked Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **3:1**
- **Flammhemmend** */ Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1**
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +125 °C**
- **Min. Schrumpftemperatur** */ Minimum shrink temperature* **+70 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+100 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

***Andere Farben auf Anfrage erhältlich**
Available in other colours on special request

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Meter pro Rolle** *Reel / Meter*
14240RA01	1,6	0,5	0,45	150
14241RA01	3,0	1,0	0,50	150
14242RA01	4,8	1,6	0,6	75
14243RA01	6,4	2,1	0,65	75
14244RA01	9,5	3,2	0,75	75
14245RA01	12,7	4,0	0,80	50
14246RA01	19,1	6,0	0,90	30
14247RA01	25,4	8,5	1,0	30
14248RA01	39,0	13,0	1,20	30

DÜNNWANDIGER POLYOLEFIN SCHRUMPFSCHLAUCH 3:1 / +135°
THIN-WALL HEAT SHRINK TUBING 3:1 / +135°



- **Farbe: Schwarz** */ Colour: Black*
- **Material: vernetztes Polyolefin** */ Materials: Crosslinked Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **3:1**
- **Flammhemmend** */ Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1**
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +135 °C**
- **Min. Schrumpftemperatur** */ Minimum shrink temperature* **+70 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+100 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

***Andere Farben auf Anfrage erhältlich**
Available in other colours on special request

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung: Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Meter pro Rolle** *Reel / Meter*
14268RA01	1,5	0,5	0,45	150
14269RA01	3,0	1,0	0,50	150
14270RA01	4,8	1,5	0,6	75
14271RA01	6,4	2,0	0,65	75
14272RA01	9,5	3,0	0,75	75
14273RA01	12,7	4,0	0,8	50
14274RA01	19,1	6,0	0,9	30
14275RA01	25,4	8,0	1,2	30
14276RA01	39,0	13,0	1,25	30

DÜNNWANDIGER POLYOLEFIN SCHRUMPFSCHLAUCH 2:1 / +125°
THIN-WALL HEAT SHRINK TUBING 2:1 / +125°

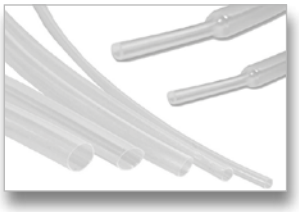


- **Farbe: Schwarz** */ Colour: Black*
- **Material: vernetztes Polyolefin** */ Materials: Crosslinked Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **2:1**
- **Flammhemmend** */ Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1**
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +125 °C**
- **Min. Schrumpftemperatur** */ Minimum shrink temperature* **+70 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+100 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

***Andere Farben auf Anfrage erhältlich**
Available in other colours on special request
***Ab Ø 9,5 wird der Schlauch flach angeliefert**
From a diameter up to 9,5 shrink tubing are flat

ARTIKEL *P/N*	Anlieferzustand Innendurchmesser (min.) *As supplied: inside diameter (min.)*	Nach Schrumpfung Wandstärke (max.) *After recovery: inside diameter (max.)*	Nach Schrumpfung: Wandstärke (min.) *After recovery: wall thickness (min.)*	Meter pro Rolle *Reel / Meter*
14277RA01	1,2	0,6	0,33	300
14278RA01	1,6	0,8	0,36	300
14279RA01	2,4	1,2	0,42	300
14280RA01	3,2	1,6	0,42	300
14281RA01	4,8	2,4	0,51	150
14282RA01	6,4	3,2	0,54	150
14283RA01	9,5	4,8	0,54	75
14284RA01	12,7	6,4	0,62	75
14285RA01	16,0	8,0	0,69	75
14286RA01	19,0	9,5	0,75	50
14287RA01	25,4	12,7	0,85	50
14288RA01	32,0	16,0	0,85	30
14289RA01	38,1	19,0	0,96	30
14290RA01	50,8	25,4	0,97	30
14291RA01	76,2	38,1	1,30	30

DÜNNWANDIGER POLYOLEFIN SCHRUMPFSCHLAUCH 2:1 / +105°
THIN-WALL HEAT SHRINK TUBING 2:1 / +105°



RoHS compliant

−55 +105 °C

- **Farbe: Transparent** */ Colour: Clear*
- **Material: vernetztes Polyolefin** */ Materials: Crosslinked Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **2:1**
- **nicht flammhemmend / not** *flame retardant*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **Temperaturbereich /** *Working temperature:* **-55 °C +105 °C**
- **Min. Schrumpftemperatur /** *Minimum shrink temperature* **+70 °C**
- **Min. Temperatur zur vollständigen Schrumpfung /** *Minimum full recovery temperature:* **+95 °C**
- **Längenschrumpfwert /** *Longitudinal change* **0 ± 10% max.**

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung: Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Meter pro Rolle** *Reel / Meter*
14373RA13	1,2	0,6	0,33	150
14374RA13	1,6	0,8	0,36	150
14375RA13	2,4	1,2	0,42	150
14376RA13	3,2	1,6	0,42	150
14377RA13	4,8	2,4	0,52	75
14378RA13	6,4	3,2	0,54	75
14379RA13	9,5	4,8	0,54	75
14380RA13	12,7	6,4	0,62	50
14381RA13	16,0	8,0	0,67	50
14382RA13	19,0	9,5	0,75	30
14383RA13	25,4	12,7	0,85	30
14384RA13	32,0	16,0	0,85	30
14385RA13	38,1	19,0	0,96	30
14386RA13	50,8	25,4	0,96	30
14387RA13	76,2	38,1	1,2	15

DÜNNWANDIGER POLYOLEFIN SCHRUMPFSCHLAUCH 2:1 / +135°
THIN-WALL HEAT SHRINK TUBING 2:1 / +135°



- **Farbe: Gelb/Grün** */ Colour: Yellow/Green*
- **Material: vernetztes Polyolefin** */ Materials: Crosslinked Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **2:1**
- **Flammhemmend** */ Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1 600V**
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +135 °C**
- **Min. Schrumpftemperatur** */ Minimum shrink temperature* **+70 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+100 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

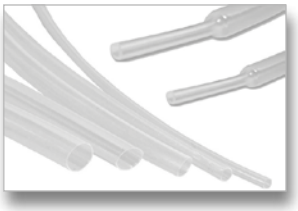
ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Meter pro Rolle** *Reel / Meter*
14294RA09	2,4	1,2	0,42	150
14295RA09	3,2	1,6	0,42	150
14296RA09	4,8	2,4	0,52	75
14297RA09	6,4	3,2	0,54	75
14298RA09	9,5	4,8	0,54	75
14299RA09	12,7	6,4	0,62	50
14300RA09	19,0	9,5	0,75	30
14301RA09	25,4	12,7	0,85	30
14302RA09	38,1	19,0	0,96	30
14303RA09	50,8	25,4	0,96	30
14304RA09	76,2	38,1	1,17	15
14305RA09	102,0	50,8	1,3	15

DÜNNWANDIGER POLYOLEFIN SCHRUMPFSCHLAUCH 3:1 / +135°
THIN-WALL HEAT SHRINK TUBING 3:1 / +135°



- **Farbe: Gelb/Grün** */ Colour: Yellow/Green*
- **Material: vernetztes Polyolefin** */ Materials: Crosslinked Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **3:1**
- **Flammhemmend** */ Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1 600V**
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +135 °C**
- **Min. Schrumpftemperatur** */ Minimum shrink temperature* **+70 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+100 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung: Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Meter pro Rolle** *Reel / Meter*
14306RA09	1,6	0,5	0,50	150
14307RA09	2,4	0,8	0,51	150
14308RA09	3,0	1,0	0,53	150
14309RA09	4,8	1,5	0,6	75
14310RA09	6,4	2,0	0,65	75
14311RA09	9,5	3,0	0,75	75
14312RA09	12,7	4,0	0,75	50
14313RA09	19,1	6,0	0,80	30
14314RA09	25,4	8,0	1,0	30
14315RA09	39,0	13,0	1,15	30



- **Farbe: Transparent** */ Colour: Clear*
- **Material: PVDF (Polyvinylidenfluorid)** */ Materials: PVDF*
- **Schrumpfrate** */ Shrink ratio:* **2:1**
- **Höchst flammhemmend** */ Highly Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1**
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +175 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+175 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Meter pro Rolle** *Reel / Meter*
14390RV13	1,2	0,6	0,2	150,0
14391RV13	1,6	0,8	0,2	150,0
14392RV13	2,4	1,2	0,23	150,0
14393RV13	3,2	1,6	0,23	150,0
14394RV13	4,8	2,4	0,23	75,0
14395RV13	6,4	3,2	0,28	75,0



- **Farbe: Transparent** */ Colour: Clear*
- **Material: PVDF (Polyvinylidenfluorid)** */ Materials: PVDF*
- **Schrumpfrate** */ Shrink ratio:* **2:1**
- **Höchst flammhemmend** */ Highly Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1**
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +175 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+175 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Stangen metr.** *Bars length mt*
14430RV13	9,5	4,8	0,28	1,22
14431RV13	12,7	6,4	0,28	1,22
14432RV13	19,1	9,5	0,36	1,22
14433RV13	25,4	12,7	0,41	1,22

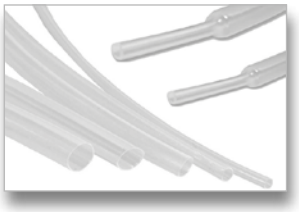
FKM SCHRUMPFSCHLAUCH 2:1 / +200°
FKM HEAT SHRINK TUBING 2:1 / +200°



- **Farbe: Schwarz** */ Colour: Black*
- **Material: FKM (Viton)** */ Materials: FKM (Viton)*
- **Schrumpfrate** */ Shrink ratio:* **2:1**
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1**
- **Eigenschaften: sehr gute Beständigkeit gegen agressive Chemikalien** */ Excellent resistance to agressive chemicals and solvents*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-40 °C +200 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+175 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung: Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Meter pro Rolle** *Reel / Meter*
14397FK01	3,2	1,6	0,80	50
14398FK01	4,8	2,4	0,95	50
14399FK01	6,4	3,2	0,98	50
14400FK01	9,5	4,8	1,00	50
14401FK01	12,7	6,4	1,16	30
14402FK01	19,0	9,5	1,49	30
14403FK01	25,4	12,7	1,85	30

PTFE SCHRUMPFSCHLAUCH +260°
PTFE HEAT SHRINK TUBING +260°



RoHS compliant

– 65 +260 °C

- **Farbe: Transparent** */ Colour: Clear*
- **Material: Modifiziertes PTFE (Teflon)** */ Materials: modify PTFE (Teflon)*
- **Schrumpfrate** */ Shrink ratio:* **1.5 : 1**
- **Höchst flammhemmend** */ Highly Flame retardant*
- **Ausgezeichnete Chemische und Mechanische Eigenschaften /** *Superior chemical and mechanical performance*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-65 °C +260 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+350 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Stangen mtr.** *Bars length mt*
14404TL13	1,52	0,97	0,30	1,22
14405TL13	1,93	1,17	0,30	1,22
14406TL13	2,36	1,45	0,30	1,22
14407TL13	3,05	1,82	0,30	1,22
14408TL13	3,81	2,26	0,30	1,22
14409TL13	4,85	2,80	0,30	1,22
14410TL13	6,1	3,55	0,38	1,22
14411TL13	7,67	4,40	0,38	1,22
14412TL13	9,4	5,45	0,38	1,22
14413TL13	10,92	6,90	0,38	1,22
14414TL13	11,94	8,56	0,38	1,22

MITTELWANDIGER SCHRUMPFSCHLAUCH MIT KLEBER
MEDIUM-WALL HEAT SHRINK TUBING WITH ADHESIVE



- **Farbe: Schwarz** */ Colour: Black*
- **Material: vernetztes Polyolefin** */ Materials: Crosslinked Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **3 : 1**
- **Gute elektrische und mechanische Eigenschaften** */ Good environmental protection*
- **hohe UV Beständigkeit** */ UV resistant*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +110 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+120 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung: Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Stangen mtr.** *Bars length mt*
14317RA01	8,0	2,0	1,8	1,22
14318RA01	12,0	3,0	1,8	1,22
14319RA01	16,0	5,0	2,1	1,22
14320RA01	22,0	6,0	2,4	1,22
14321RA01	33,0	8,0	2,6	1,22
14322RA01	40,0	12,0	2,6	1,22
14324RA01	55,0	16,0	2,7	1,22
14325RA01	65,0	19,0	2,9	1,22
14326RA01	75,0	22,0	3,0	1,22
14327RA01	85,0	25,0	3,0	1,22
14328RA01	95,0	25,0	3,6	1,22
14329RA01	115,0	34,0	3,5	1,22
14330RA01	140,0	42,0	3,3	1,22
14163RA01	160,0	50,0	3,4	1,22
14164RA01	180,0	58,0	3,3	1,22
14165RA01	205,0	65,0	3,3	1,22
14166RA01	235,0	65,0	3,7	1,22
14167RA01	265,0	75,0	3,8	1,22
14168RA01	300,0	75,0	3,8	1,22
14169RA01	350,0	100,0	4,3	1,22
14170RA01	380,0	150,0	4,2	1,22
14171RA01	410,0	150,0	4,3	1,22

MITTELWANDIGER SCHRUMPFSCHLAUCH MIT KLEBER
MEDIUM-WALL HEAT SHRINK TUBING WITH ADHESIVE



- **Farbe: Schwarz** */ Colour: Black*
- **Material: vernetztes Polyolefin** */ Materials: Crosslinked Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **3 : 1**
- **Gute elektrische und mechanische Eigenschaften** */ Good environmental protection*
- **hohe UV Beständigkeit** */ UV resistant*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +110 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+120 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Stangen mtr.** *Bars length mt*
14348RA01	12,0	3,0	1,8	1,22
14349RA01	16,0	5,0	2,1	1,22
14350RA01	22,0	6,0	2,4	1,22
14351RA01	33,0	8,0	2,6	1,22
14352RA01	40,0	12,0	2,6	1,22
14353RA01	55,0	16,0	2,7	1,22
14354RA01	65,0	19,0	2,9	1,22
14355RA01	75,0	22,0	3,0	1,22
14356RA01	95,0	25,0	3,6	1,22
14357RA01	115,0	34,0	3,5	1,22
14358RA01	140,0	42,0	3,3	1,22
14359RA01	160,0	50,0	3,3	1,22
14360RA01	180,0	58,0	3,3	1,22
14361RA01	265,0	75,0	3,8	1,22
14362RA01	300,0	75,0	3,8	1,22
13188RA01	350,0	100,0	4,3	1,22

DICKWANDIGER SCHRUMPFSCHLAUCH MIT KLEBER
HEAVY-WALL HEAT SHRINK TUBING WITH ADHESIVE



- **Farbe: Schwarz** */ Colour: Black*
- **Material: Polyolefin** */ Materials: Polyolefin*
- **Ideal für Niederspannungs-Anwendungen** */ Ideal for low voltage applications*
- **Gute elektrische und mechanische Eigenschaften /** *Good environmental protection*
- **hohe UV Beständigkeit /** *UV resistant*
- **Alle Maße sind in mm /** *All dimensions are in mm*
- **Temperaturbereich /** *Working temperature:* **-55 °C +110 °C**
- **Min. Temperatur zur vollständigen Schrumpfung /** *Minimum full recovery temperature:* **+120 °C**
- **Längenschrumpfwert /** *Longitudinal change* **0 ± 10% max.**

***Auch lieferbar in 1 m & 1,5 m Stangen /**
**Also available in lengths of 1 and 1,5 meter*

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Stangen mtr.** *Bars length mt*
15983RA01	12,0	3,0	2,0	1,22
14333RA01	16,0	4,0	2,4	1,22
14334RA01	24,0	6,0	2,6	1,22
14335RA01	34,0	8,0	3,2	1,22
14336RA01	48,0	12,0	4,0	1,22
14337RA01	55,0	16,0	4,0	1,22
14338RA01	75,0	22,0	4,0	1,22
14339RA01	95,0	25,0	4,0	1,22
14340RA01	130,0	35,0	4,2	1,22
14342RA01	160,0	50,0	4,2	1,22
14343RA01	180,0	50,0	4,2	1,22
14344RA01	200,0	60,0	4,2	1,22
14345RA01	235,0	65,0	4,4	1,22
14346RA01	265,0	75,0	4,8	1,22

DICKWANDIGER SCHRUMPFSCHLAUCH OHNE KLEBER
HEAVY-WALL HEAT SHRINK TUBING WITHOUT ADHESIVE



UV RESISTANT

RoHS compliant

– 55 +110 °C

- **Farbe: Schwarz** */ Colour: Black*
- **Material: Polyolefin** */ Materials: Polyolefin*
- **Ideal für Niederspannungs-Anwendungen** */ Ideal for low voltage applications*
- **Gute elektrische und mechanische Eigenschaften** */ Good environmental protection*
- **hohe UV Beständigkeit** */ UV resistant*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +110 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+120 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

***Auch lieferbar in 1 m & 1,5 m Stangen** /
**Also available in lengths of 1 and 1,5 meter*

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Stangen mtr.** *Bars length mt*
14363RA01	9,0	3,0	1,95	1,22
14364RA01	15,0	4,0	2,35	1,22
14365RA01	20,0	6,0	2,45	1,22
14366RA01	33,0	8,0	3,15	1,22
14367RA01	43,0	12,0	4,05	1,22
14368RA01	51,0	16,0	4,05	1,22
14369RA01	75,0	22,0	4,2	1,22
14370RA01	235,0	65,0	4,1	1,22
14371RA01	265,0	75,0	4,3	1,22

DOPPELWANDIGER SCHRUMPFSCHLAUCH 3:1 MIT KLEBER
DUAL-WALL HEAT SHRINK TUBING 3:1 ADHESIVE LINED



- **Farbe: Schwarz** */ Colour: Black*
- **Material: Vernetztes Co-Extrudiertes Polyolefin mit Kleberbeschichtung** */ Materials: Crosslinked co-extruded adhesive lined Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **3:1**
- **Flammhemmend** */ Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1**
- **hohe UV Beständigkeit** */ UV resistant*
- **Alle Maße sind in mm** */ All dimensions are in mm*
- **Temperaturbereich** */ Working temperature:* **-55 °C +125 °C**
- **Min. Schrumpftemperatur** */ Minimum shrink temperature* **+70 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+110 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung: Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Meter pro Rolle** *Reel / Meter*
14826RA01	3,0	1,0	1,00	150
14826RA01	4,8	1,5	1,00	75
14828RA01	6,0	2,0	1,00	75
14829RA01	9,0	3,0	1,35	50
14830RA01	12,0	4,0	1,65	30
14831RA01	19,0	6,4	2,10	30
14832RA01	24,0	8,0	2,35	30
14833RA01	30,0	10,0	2,40	30
14834RA01	40,0	13,0	2,40	30

DOPPELWANDIGER SCHRUMPFSCHLAUCH 4:1 MIT KLEBER
DUAL-WALL HEAT SHRINK TUBING 4:1 ADHESIVE LINED



- **Farbe: Schwarz** */ Colour: Black*
- **Material: Vernetztes Co-Extrudiertes Polyolefin mit Kleberbeschichtung** */ Materials: Crosslinked co-extruded adhesive lined Polyolefin*
- **Schrumpfrate** */ Shrink ratio:* **4:1**
- **Flammhemmend** */ Flame retardant*
- **Entflammbarkeit** */ UL Flammability:* **UL224 VW-1**
- **Hohe UV Beständigkeit** */ UV resistant*
- **Temperaturbereich** */ Working temperature:* **-55 °C +125 °C**
- **Min. Schrumpftemperatur** */ Minimum shrink temperature* **+70 °C**
- **Min. Temperatur zur vollständigen Schrumpfung** */ Minimum full recovery temperature:* **+110 °C**
- **Längenschrumpfwert** */ Longitudinal change* **0 ± 10% max.**

ARTIKEL *P/N*	**Anlieferzustand Innendurchmesser (min.)** *As supplied: inside diameter (min.)*	**Nach Schrumpfung Wandstärke (max.)** *After recovery: inside diameter (max.)*	**Nach Schrumpfung: Wandstärke (min.)** *After recovery: wall thickness (min.)*	**Stangen mtr.** *Bars length mt*
14843RA01	4,0	1,0	1,00	150
14844RA01	8,0	2,0	1,00	75
14845RA01	12,0	3,0	1,35	50
14846RA01	16,0	4,0	1,65	30
14847RA01	24,0	6,0	2,10	30
14848RA01	32,0	8,0	2,35	30

GEFLECHTSCHLAUCH DEHNBAR
EXPANDABLE BRAIDED SLEEVING



- **Material: PET** / *Material: PET*
- **Entflammbarkeit** / *UL Flammability:* **UL 224 VW-1**
- **Temperaturbereich** / *Working temperature:* **-50° C ~ 150° C**
- **Schmelztemperatur 220° C** / *Intermittent 220° C*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Halogenfrei** / *Halogen free*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N Schwarz/Black*	**ARTIKEL** *P/N Grau /Gray*	**Nenngröße** *Nominal diameter*	**Min. Ø** *Minimal diameter*	**Max. Ø** *Maximal diameter*	**CONF-MT.** *PKG.* MT.
8053PT01	**8053PT11**	3,0	1,0	5,0	200
8054PT01	**8054PT11**	4,0	2,0	7,0	200
8055PT01	**8055PT11**	5,0	3,0	8,0	100
8051PT01	**8051PT11**	6,0	3,0	9,0	200
8056PT01	**8056PT11**	8,0	5,0	12,0	100
8060PT01	**8060PT11**	10,0	7,0	15,0	100
8061PT01	**8061PT11**	12,0	6,0	20,0	100
8062PT01	**8062PT11**	15,0	8,0	23,0	100
8063PT01	**8063PT11**	20,0	12,0	30,0	100
8065PT01	**8065PT11**	25,0	18,0	34,0	50
8066PT01	**8066PT11**	30,0	20,0	40,0	50
8067PT01	**8067PT11**	40,0	25,0	60,0	50
8070PT01	**8070PT11**	50,0	45,0	75,0	25

GEFLECHTSCHLAUCH DEHNBAR
EXPANDABLE BRAIDED SLEEVING



- **Material: PET** / *Material: PET*
- **Entflammbarkeit** / *UL Flammability:* **UL 224 VW-1**
- **Temperaturbereich** / *Working temperature:* **-50° C ~ 150° C**
- **Schmelztemperatur 220° C** / *Intermittent 220° C*
- **Farbe: siehe Tabelle** / *Colour: see Table*
- **Halogenfrei** / *Halogen free*
- **Alle Maße sind in mm** / *All dimensions are in mm*

ARTIKEL *P/N Schwarz/Black*	**ARTIKEL** *P/N Grau /Gray*	**Nenngröße** *Nominal diameter*	**Min. Ø** *Minimal diameter*	**Max. Ø** *Maximal diameter*	**CONF-MT.** *PKG.* MT.
18385PT01	**18385PT11**	3,0	1,0	5,0	200
18386PT01	**18386PT11**	4,0	2,0	7,0	200
18387PT01	**18387PT11**	5,0	3,0	8,0	100
18388PT01	**18388PT11**	6,0	3,0	9,0	200
18389PT01	**18389PT11**	8,0	5,0	12,0	100
18390PT01	**18390PT11**	10,0	7,0	15,0	100
18391PT01	**18391PT11**	12,0	6,0	20,0	100
18392PT01	**18392PT11**	15,0	8,0	23,0	100
18393PT01	**18393PT11**	20,0	12,0	30,0	100
18394PT01	**18394PT11**	25,0	18,0	34,0	50
18395PT01	**18395PT11**	30,0	20,0	40,0	50
18396PT01	**18396PT11**	40,0	25,0	60,0	50
18397PT01	**18397PT11**	50,0	45,0	75,0	25

ANMERKUNGEN - Notes

fastpoint

ANMERKUNGEN - Notes

fastpoint

VERKAUFS- & LIEFERBEDINGUNGEN

§ 1 Geltungsbereich

1. Die Firma Fastpoint GmbH (im folgenden Fastpoint oder Lieferer genannt) bietet ausschließlich Lieferungen und Leistungen zu den folgenden Verkaufs- und Lieferbedingen an, auch wenn im Einzelfall nicht besonders darauf verwiesen wird. Sie gelten auch für alle zukünftigen Geschäfte. Abweichenden Geschäftsbedingungen des Kunden, insbesondere Einkaufsbedingungen, wird hiermit ausdrücklich wiedersprochen. Änderungen und Ergänzungen dieser Bedingungen sind nur mit schriftlicher Bestätigung der Geschäftsleitung wirksam.

2. Diese Allgemeinen Geschäftsbedingungen finden auf Vertragsabschlüsse mit Verbrauchern keine Anwendung.

§ 2 Angebot und Vertragsabschluss, Ausführungsunterlagen

1.Die Angebote der Firma Fastpoint GmbH sind freibleibend.

2.Ein Vertrag kommt nur durch eine förmliche Auftragsbestätigung des Lieferers zustande, die ausschliesslich per Mail an den Empfänger zugesandt wird. Abweichende Einkaufsbedingungen werden auch durch die Auftragsannahme (Auftragsbestätigung) nicht Vertragsinhalt.

3.Wir sind jederzeit berechtigt, Änderungen der Liefergegenstände vorzunehmen, die wir aus technischen Gründen oder aus Gründen der Modellpflege für erforderlich halten und die die Funktionsfähigkeit nicht beeinträchtigen.

4. Nebenabreden und Änderungen bedürfen der schriftlichen Bestätigung der GF des Lieferers.

§ 3 Preise und Preisanpassung

1. Die Preise verstehen sich, sofern nichts anderes vereinbart ist, in Euro ab Lager bzw. ab Werk, zuzüglich Verpackung, Fracht, Porto, Versicherung, Verzollung, Montage und der im Zeitpunkt der Lieferung jeweils gesetzlich gültigen Mehrwertsteuer.

2. Im Falle einer Preisanpassung für den Bezug von Produkten oder Dienstleistungen zwischen Vertragsschluss und Lieferung sind wir berechtigt, die vereinbarten Preise entsprechend zu erhöhen. Die Preisanpassung muss schriftlich im angemessenen Zeitraum, min-destens jedoch 1 Monat vor in Kraft treten, dem Kunden mitgeteilt werden. Auf Verlangen des Kunden sind wir verpflichtet, die Kostensteigerungen zu erklären. Der Kunde ist jedoch zum Rücktritt von offenen Bestellungen sowie bereits bestätigten Bestellungen berechtigt, sofern der Rücktritt mit einer Frist von Bekanntgabe der Preiserhöhung von 2 Monaten eingehalten wird. Das Rücktrittsrecht erlischt, wenn es nicht innerhalb von einem Monat seit Mitteilung der Preiserhöhung ausgeübt wird.

3. Alle Rechnungen sind –vorbehaltlich abweichender schriftlicher Vereinbarung im Einzelfall- spätestens binnen 30 Tage ab Lieferung und Rechnungserhalt ohne Abzug zahlbar. Zahlungen sind unter Angabe der Rechnungsnummer ausschließlich auf die in der Rechnung der Fastpoint GmbH aufgeführten Konten in der vereinbarten Währung zu erbringen.

§ 4 Liefer- und Leistungszeit

1. Die seitens des Lieferers genannten Termine und Fristen sind unverbindlich, sofern nicht ausdrücklich schriftlich etwas anderes vereinbart wurde. Die Einhaltung von Lieferfristen und - Terminen setzt die rechtzeitige Erfüllung der Vertragspflichten des Käufers voraus.

Voraussichtliche Lieferfristen beginnen mit dem Datum der Auftragsbestätigung des Lieferers. Die Lieferfrist gilt als eingehalten, wenn die Ware zum vereinbarten Zeitpunkt das Werk bzw. Lager verlässt oder die Versandbereitschaft dem Käufer angezeigt wird.

2. Unvorhersehbare Ereignisse außerhalb der Kontrolle und Einflussnahme des Lieferers wie z.B Krieg, Arbeitskämpfe bei Lieferanten und Transportunternehmen, Unterbrechungen von geplanten Verkehrsverbindungen sowie Feuer oder naturbedingten Einschränkungen können die vereinbarten Lieferfristen und Leistungszeiten um die Dauer der Einschränkung verlängern.

3. Bei Abrufaufträgen hat der Kunde die Liefer- oder Leistungszeit so zu bestimmen, dass uns ausreichend Zeit und Gelegenheit bleibt, entsprechende Dispositionen zu treffen. Kommt der Kunde gleich aus welchen Gründen seiner Verpflichtung zum Abruf von Liefer-ungen und Leistungen nicht ordnungsgemäß nach, sind wir be-rechtigt, die Leistungszeit und die Losgrößen selbst festzulegen oder vom Vertrag zurückzutreten und Schadenersatz statt der Leistung zu verlangen.

4. Vereinbarte Lieferfristen stehen unter dem Vorbehalt vollständiger, richtiger und rechtzeitiger Selbstbelieferung durch unsere Zulieferer. Der Kunde ist in diesem Fall unverzüglich über die Nichtverfügbarkeit der Produkte und Leistungen zu informieren. Schadenersatzansprüche des Kunden sind ausgeschlossen.

5. Fastpoint ist zu Teillieferungen oder Teilleistungen jederzeit berechtigt. Lieferungen vor dem vereinbarten Liefertermin und Lieferfrist sind zulässig, soweit nicht ausdrücklich etwas anderes vereinbart ist.

§ 5 Versand, Gefahrübergang, Annahmeverzug

1. Lieferungen erfolgen, soweit nichts anderes vereinbart ist, un-versichert auf Kosten und für Rechnung des Kunden. Die Auswahl des Tranportes sowie der Verpackung erfolgt durch uns. Die Übergabe der Warensendung an Spedition oder Fracht gilt als Nachweis für die einwandfreie Beschaffenheit der Umschließungen.

2. Werden bei frachtfreier Lieferungen Liefergegenstände auf dem Transportwege beschädigt, ist der Kunde verpflichtet, uns dies unverzüglich förmlich mitzuteilen. Etwaige Ansprüche gegenüber der Transportunternehmen werden an den Kunden abgetreten und sind von diesem gegenüber der Transport-unternehmen geltend zu machen.

3. Nimmt der Kunde den ihm angebotenen, vertragsgemäßen Liefergegenstand nicht an oder wird der Versand oder die Zustellung auf Wunsch des Kunden verzögert, geht die Gefahr der Verschlechterung des Liefergegenstands mit Meldung der Versandbereitschaft auf den Kunden über.

§ 6 Zahlungsbedingungen, Zahlungsverzug des Kunden

1. Zahlungen sind innerhalb von 30 Tagen nach dem Datum der Rechnungsstellung ohne Abzug fällig. Die Zahlungen gelten erst bei Gutschrift auf dem Konto des Lieferers als vorgenommen.

2. Nach Ablauf der Zahlungsziels gerät der Kunde automatisch in Verzug. Einer schriftlichen Mahnung bedarf es nicht.

3. Gerät der Kunde in Verzug, ist die offene Forderung, unbeschadet weitergehender Ansprüche, ab dem Verzugseintritt mit Zinsen in Höhe von jährlich acht Prozentpunkten über dem Basiszinssatz zu verzinsen.

4. Kommt der Kunde seiner Zahlungsverpflichtung schuldhaft nicht nach oder steht dem Lieferer ein Leistungsverweigerungsrecht nach § 321 Absatz 1 BGB zu, werden alle unseren offenen Forderungen gegen den Kunden sofort zur Zahlung fällig. Der Lieferer ist unabhängig von sonstigen Ersatzansprüchen berechtigt, bei Zahlungsrückständen, die nicht auf sein eigenes Handeln oder Unterlassen zurückzuführen sind, bis zur Bewirkung der rückständigen Zahlungen seine eigenen ver-traglichen Verpflichtungen zurückzuhalten.

§ 7 Aufrechnung, Zurückbehaltungsrecht

Die Aufrechnung seitens des Kunden ist nur mit rechtskräftig festgestellten, unbestrittenen oder entscheidungsreifen Forderungen zulässig. Dies gilt auch für die Geltendmachung von Zurückbehaltungsrechten.

§ 8 Eigentumsvorbehalt

1. Fastpoint behält sich das Eigentum an den gelieferten Waren (Vorbehaltsware) bis zur Erfüllung sämtlicher Forderungen aus der Geschäftsverbindung mit dem Kunden vor. Soweit der Wert aller Fastpoint zustehenden Sicherungsrechte die Höhe aller gesicherten Ansprüche um mehr als 20 % übersteigt, wird Fastpoint auf Wunsch des Be-stellers einen entsprechenden Teil des Sicherungsrechte freigeben. Wird die Vorbehaltsware durch Verarbeitung oder sonstwie mit anderen uns nicht gehörenden beweglichen Gegenständen untrennbar verbunden oder vermischt, erwerben wir das Miteigentum an der neuen Sache.

3. Der Kunde ist berechtigt, die Vorbehaltsware im ordentlichen Geschäftsgang zu verkaufen, solange er seinen Zahlungsverpflichtungen nachkommt, uns gegenüber nicht in Verzug ist und kein Antrag auf Eröffnung eines Insolvenzverfahrens gestellt ist. Die aus dem Weiterverkauf oder einem sonstigen Rechtsgrund bezüglich der Vorbehaltsware entstehenden Forderungen gegen Dritte tritt der Kunde hiermit sicherheitshalber in vollem Umfang an Fastpoint ab. Der Kunde wird widerruflich ermächtigt, die an Fastpoint abgetretenen Forderungen für Rechnung von Fastpoint im eigenen Namen einzuziehen. Wir sind berechtigt, die Ermächtigung zu widerrufen, wenn der Kunde in Zahlungsverzug gerät. In diesem Fall ist der Kunde verpflichtet, uns alle zum Einzug der Forderungen erforderlichen Auskünfte und Unterlagen bekannt zu machen und den Schuldnern die Abtretung anzuzeigen.

4. Der Kunde verwahrt die Vorbehaltsware für uns unentgeltlich. Er hat die Vorbehaltsware in ordnungsgemäßem Zustand zu erhalten und in einem kaufmännischer Sorgfalt entsprechenden Umfang auf seine Kosten zu versichern. Bei Pfändung aufgrund gerichtlicher Anordnung oder sonstigen Zugriffen Dritter hat uns der Kunde unverzüglich schriftlich zu benachrichtigen, dem Zugriff zu widersprechen und auf unser (Mit-) Eigentum hinzuweisen. Die Kosten für die Abwendung des Zugriffs trägt der Kunde.

5. Bei vertragswidrigem Verhalten des Kunden, insbesondere bei Zahlungsverzug, sind wir berechtigt, nach erfolgter Nachfristsetzung vom Vertrag zurückzutreten und die Herausgabe der Vorbehaltsware zu verlangen, ohne dass dem Kunden ein Zurückbehaltungsrecht zustünde, die Geschäftsräume des Kunden zu betreten, die Vorbehaltsware an uns zu nehmen und ge-gebenenfalls Abtretung der Herausgabeansprüche des Kunden zu verlangen.

§ 9 Gewährleistung

1. Liefergegenstände werden in handelsüblicher Beschaffenheit geliefert. Die Beschaffenheit des Liefergegenstandes ergibt sich abschließend aus unserer Produktbeschreibung. Fastpoint gibt keine Garantie auf die Verwendung und Funktion der Produkte. Technische Änderungen bleiben ausdrücklich vorbehalten.

2. Unerhebliche Mengenabweichungen (Mehr- oder Minder-lieferungen) bis zu 2,5 % des bestellten Volumens stellen keinen Sachmangel dar. Der Kunde ist verpflichtet, die gelieferte Menge abzunehmen und zu bezahlen.

3. Mangelhafte Montageanleitungen stellen nur dann einen Mangel dar, wenn sie der ordnungsgemäßen Montage des Liefergegenstandes entgegenstehen.

4. Der Kunde muss zur Erhaltung der Gewährleistungsrechte Falschlieferungen, Mengenabweichungen und offensichtliche Mängel unverzüglich nach Anlieferung und nicht offensichtliche Mängel unverzüglich nach ihrer Entdeckung schriftlich rügen.

5. Beanstandete Liefergegenstände sind zur Überprüfung und gegebenenfalls Mängelbeseitigung frachtfrei an den von uns benannten Bestimmungsort einzusenden. Im Falle berechtigter Mängelrüge werden dem Kunden die entstandenen Transportkosten in erforderlicher Höhe erstattet.

6. Fastpoint ist berechtigt Mängel an Liefergegenständen nach seiner Wahl durch Beseitigung des Mangels oder Lieferung einer mangelfreien Sache (Nacherfüllung) zu beheben. Zur Mängelbeseitigung hat der Kunde Fastpoint die nach billigem Ermessen erforderliche Zeit und Gelegenheit zu gewähren, insbesondere die beanstandete Ware oder Muster davon zur Verfügung zu stellen; andernfalls entfällt die Gewährleistung.

Schlägt die Nacherfüllung gemäß § 440 Satz 2 BGB fehl, kann der Kunde nach seiner Wahl Herabsetzung der Vergütung (Minderung) verlangen oder vom Vertrag zurücktreten. Bei geringfügigen Mängeln ist der Rücktritt ausgeschlossen.

7. Alle Gewährleistungsansprüche verjähren in einem Jahr ab Gefahrübergang.

8. Soweit nicht ausdrücklich förmlich abweichendes vereinbart ist, übernehmen wir kein Beschaffungsrisiko und gewähren keine Garantien im Rechtssinne.

§ 10 Pflichtverletzungen außerhalb der Gewährleistung

1. Der Rücktritt des Kunden wegen nicht oder nicht vertragsgemäß erbrachter Leistung ist ausgeschlossen, wenn die Pflichtverletzung unerheblich ist und/oder wir diese nicht zu vertreten haben.

2. Der Rücktritt vom Vertrag wegen Verletzung einer Nebenpflicht im Sinne von § 241 Absatz 2 BGB ist nur zulässig, wenn uns Vorsatz oder grobe Fahrlässigkeit zur Last fällt und dem Kunden ein Festhalten am Vertrag und die Leistung durch uns nicht mehr zuzumuten ist.

3. Ansprüche des Kunden wegen Pflichtverletzungen außerhalb der Gewährleistung verjähren ein Jahr nach dem Zeitpunkt, in dem der Kunde Kenntnis von den anspruchsbegründenden Tatsachen und die Person des Schuldners erlangt oder ohne grobe Fahrlässigkeit hätte erlangen müssen, spätestens jedoch fünf Jahre nach der Begehung der Pflichtverletzung, soweit nicht aufgrund Gesetzes kürzere Verjährungsfristen gelten.

§ 11 Allgemeine Haftungsbeschränkungen

1. Schadenersatzansprüche statt der Leistung können nur geltend gemacht werden, wenn uns der Kunde zuvor förmlich eine Nachfrist zur Nacherfüllung gesetzt hat, verbunden mit der Androhung, nach Ablauf der Frist Schadenersatz statt der Leistung zu verlangen und/oder vom Vertrag zurückzutreten, und diese Frist fruchtlos verstreicht. Erfüllungsansprüche des Kunden erlöschen mit Ablauf der gesetzten Nachfrist, spätestens jedoch, wenn und sobald der Kunde Schadenersatz statt der Leistung verlangt.

2. Schadenersatzansprüche statt der Leistung wegen Verletzung einer Nebenpflicht im Sinne von § 241 Absatz 2 BGB können nur unter den Voraussetzungen des Rücktrittsrechts gemäß vorstehend 10 Ziffer 2 geltend gemacht werden.

3. Die Haftung von Fastpoint richtet sich ausschließlich nach den in den vorstehenden Abschnitten getroffenen Vereinbarungen. Für Schäden, die nicht im Liefer-gegenstand selbst entstanden sind, haftet der Lieferer – aus welchen Rechtsgründen auch immer – nur bei Vorsatz, grober Fahrlässigkeit der Organe oder leitender Ange-stellter, schuldhafter Verletzung von Leben, Körper, Gesundheit, bei Mängeln, die arglistig verschwiegen oder deren Abwesenheit der Lie-ferer garantiert hat. Weitere Ansprüche des Kunden, insbesondere auf Ersatz von Schäden, die nicht an dem Liefergegenstand selbst entstanden sind, sind ausgeschlossen.

§ 12 Formvorschriften

Für die Wahrung des in diesen Allgemeinen Geschäftsbedingungen vorgesehenen Erfordernisses der förmlichen Mitteilung ist es erforderlich und genügend, wenn die betreffende Mitteilung schriftlich per Mail übermittelt wird.

§ 13 Software und Daten

1. Programme werden, soweit nichts anderes förmlich vereinbart ist, in maschinenlesbarer Form überlassen. Die Rückübersetzung der überlassenen Programme in das Quellenprogramm, insbesondere unter Zuhilfenahme von Debugging-Programmen, ist nicht zulässig.

2. Programme, Dokumentationen und Datenmaterial sind nur für den internen Gebrauch durch den Endkunden bestimmt. Kopien dürfen nur für Sicherungs- oder Archivzwecke oder zur Fehlersuche und unter Einschluss des Schutzrechtsvermerks der Originalkopie angefertigt werden. Der Kunde hat seinen Abnehmer in geeigneter Form auf die bestehenden Urheberrechte hinzuweisen.

§ 14 Schlussbestimmungen

1. Es gilt deutsches Recht. Die Anwendung des Übereinkommens der Vereinten Nationen über internationale Warenkaufverträge (UN-Kaufrecht) ist ausgeschlossen.

2. Erfüllungsort ist Geretsried.

3. Gerichtsstand für alle Streitigkeiten ist bei Auseinandersetzungen mit Kaufleuten, mit juristischen Personen des öffentlichen Rechts und mit öffentlich rechtlichem Sondervermögen das für unseren Firmensitz zuständige Gericht. Wir sind jedoch berechtigt, den Kunden auch an seinem allgemeinen Gerichtsstand zu verklagen.

4. Die Unwirksamkeit einzelner Bestimmungen berührt nicht die Gültigkeit der abgeschlossenen Verträge. Unwirksame Bestim-mungen sind durch Regelungen zu ersetzen, die dem gewollten Zweck am nächsten kommen.

Allgemeine Geschäftsbedingungen der Firma Fastpoint GmbH
(Stand 01/2021)

§1 Scope

1. Fastpoint GmbH (after referred to as Fastpoint or Supplier) only offers deliveries and services under the following sales and delivery conditions, even if no specific reference is made to them in individual cases. They also apply to all future business. Deviating terms and conditions of the customer, especially purchasing conditions, are hereby expressly contradicted. Changes and additions to these conditions are only effective with written confirmation from the management.
2. These general terms and conditions can be found on
Conclusions of contracts with consumers do not apply.

§ 2 Offer and conclusion of contract, execution documents

1. The offers of Fastpoint GmbH are non-binding.
2. A contract can only be entered into with a formal order confirmation from
Supplier, which is only sent to the recipient by email. Deviating conditions of purchase do not become part of the contract even if the order is accepted (order confirmation).
3. We are entitled at any time to make changes to the delivery items which we consider necessary for technical reasons or for reasons of model maintenance and which do not impair their functionality.
4. Subsidiary agreements and changes require the written confirmation of the GF of the supplier.

§ 3 prices and price adjustments

1. Unless otherwise agreed, the prices are in euros ex warehouse or ex works, plus packaging, freight, postage, insurance, customs clearance, assembly and the statutory value added tax applicable at the time of delivery.
2. In the event of a price adjustment for the purchase of products or services between the conclusion of the contract and delivery, we are entitled to increase the agreed prices accordingly. The price adjustment must be communicated to the customer in writing within a reasonable period, but at least 1 month before it comes into force. At the customer's request, we are obliged to explain the cost increases. However, the customer is entitled to withdraw from open orders as well as orders that have already been confirmed, provided that the withdrawal is adhered to with a period of notice of the price increase of 2 months. The right of withdrawal expires if it is not exercised within one month of the price increase being notified.
3. Unless otherwise agreed in writing in individual cases, all invoices are payable within 30 days of delivery and receipt of the invoice without deduction. Payments are to be made exclusively to the accounts listed on the Fastpoint GmbH invoice in the agreed currency, stating the invoice number.

§ 4 delivery and performance time

1. The dates and deadlines stated by the supplier are non-binding, unless otherwise expressly agreed in writing. Compliance with delivery periods and dates requires the timely fulfillment of the buyer's contractual obligations.
Estimated delivery times begin on the date of the order confirmation by the supplier. The delivery period is deemed to have been met if the goods leave the factory or warehouse at the agreed time or the buyer is notified of readiness for dispatch.
2. Unpredictable events beyond the control and influence of the supplier such as war, labor disputes at suppliers and transport companies, interruptions of planned transport connections as well as fire or natural restrictions can extend the agreed delivery deadlines and service times by the duration of the restriction.
3. In the case of call-off orders, the customer must determine the delivery or service time in such a way that we have sufficient time and opportunity to make appropriate arrangements. If, for whatever reason, the customer does not properly fulfill his obligation to call up deliveries and services, we are entitled to determine the time of performance and the lot sizes ourselves or to withdraw from the contract and to demand compensation instead of the service.
4. Agreed delivery times are subject to complete, correct and timely delivery to us by our suppliers. In this case, the customer must be informed immediately about the unavailability of the products and services. Claims for damages by the customer are excluded.
5. Fastpoint is entitled to partial deliveries or partial services at any time. Deliveries before the agreed delivery date and time are permitted, unless otherwise expressly agree**d.**

§ 5 Shipping, Transfer of Risk, Default of Acceptance

1. Unless otherwise agreed, deliveries are made uninsured at the customer's expense and account. We select the transport and the packaging. The handover of the consignment to the forwarding agent or freight forwarder is proof of the perfect condition of the enclosures.
2. If delivery items are damaged on the transport route in the case of carriage paid deliveries, the customer is obliged to inform us formally immediately. Any claims against the transport company are assigned to the customer and must be asserted by the customer against the transport company.
3. If the customer does not accept the contractual delivery item offered to him or if the dispatch or delivery is delayed at the customer's request, the risk goes to
Deterioration of the delivery item with notification of readiness for dispatch to the customer

§ 6 Terms of payment, default of payment by the customer

1. Payments are due within 30 days of the date of invoicing without deduction. Payments are only deemed to have been made when they are credited to the supplier's account.
2. After the payment term has expired, the customer is automatically in default. A written reminder is not required.
3. If the customer is in arrears, the outstanding claim, irrespective of further claims, is to be paid interest from the occurrence of arrears at an annual rate of eight percentage points above the base rate.
4. If the customer culpably fails to meet his payment obligation or if the supplier has a right to refuse performance in accordance with Section 321 (1) of the German Civil Code (BGB), all our outstanding claims against the customer are due for payment immediately. Irrespective of other claims for compensation, the supplier is entitled to withhold his own contractual obligations until the overdue payments have been made in the event of payment arrears that are not due to his own actions or omissions.

§ 7 Offsetting, right of retention

Offsetting by the customer is only permissible with legally established, undisputed or decision-ready claims. This also applies to the assertion of rights of retention.

§ 8 retention of title

1. Fastpoint retains ownership of the delivered goods (reserved goods) until all claims from the business relationship with the customer have been met. If the value of all security interests to which Fastpoint is entitled exceeds the amount of all secured claims by more than 20%, Fastpoint will release a corresponding part of the security interest at the request of the customer. If the reserved goods are inseparably connected or mixed with other movable objects that do not belong to us through processing or in some other way, we acquire joint ownership of the new object.
3. The customer is entitled to sell the reserved goods in the ordinary course of business as long as he meets his payment obligations, is not in arrears with us and no application has been made to open insolvency proceedings. As a precaution, the customer hereby assigns all claims against third parties arising from the resale or any other legal reason with regard to the reserved goods to Fastpoint. The customer is revocably authorized to collect the claims assigned to Fastpoint for the account of Fastpoint in his own name. We are entitled to revoke the authorization if the customer is in default of payment. In this case, the customer is obliged to provide us with all information and documents required to collect the claims and to notify the debtors of the assignment.
4. The customer keeps the reserved goods for us free of charge. He has to receive the reserved goods in proper condition and insure them at his own expense with a commercial diligence. In the event of seizure due to a court order or other access by third parties, the customer must immediately notify us in writing, object to access and point out our (joint) ownership. The customer bears the costs for averting access.
5. If the customer acts in breach of contract, in particular in the event of default in payment, we are entitled to withdraw from the contract after a grace period has been set and to demand the return of the goods subject to retention of title without the customer being entitled to a right of retention to enter the customer's business premises and to transfer the goods to us and, if necessary, to demand the assignment of the customer's claims for return.

§ 9 Warranty

1. Delivery items are delivered in a commercial quality. The quality of the delivery item is finally derived from our product description. Fastpoint does not guarantee the use and function of the products. Technical changes are expressly reserved.
2. Insignificant quantity deviations (excess or short deliveries) of up to 2.5% of the ordered volume do not constitute a material defect. The customer is obliged to accept and pay for the quantity delivered.
3. Inadequate assembly instructions only constitute a defect if they prevent the proper assembly of the delivery item.
4. In order to maintain the warranty rights, the customer must report incorrect deliveries, quantity deviations and obvious defects immediately after delivery and non-obvious defects immediately after their discovery.
5. Rejected delivery items are to be sent carriage paid to the destination specified by us for inspection and, if necessary, for the removal of defects. In the case of a justified complaint
the customer will be reimbursed for the transport costs incurred in the required amount.
6. Fastpoint is entitled to remedy defects in delivery items, at its option, by removing the defect or delivering an item free of defects (subsequent performance). In order to remedy the defect, the customer must grant Fastpoint the time and opportunity required at its reasonable discretion, in particular to provide the goods complained about or samples thereof; otherwise the guarantee is void.
If the supplementary performance fails in accordance with § 440 sentence 2 BGB, the customer can choose to reduce the remuneration (reduction)
request or withdraw from the contract. Withdrawal is excluded in the case of minor defects.
7. All warranty claims expire one year from the transfer of risk.
8. Unless otherwise formally agreed, we do not assume any procurement risk and do not grant any guarantees in the legal sense.

§ 10 breaches of duty outside of warranty

1. Withdrawal by the customer due to non-performance or performance not in accordance with the contract is excluded if the breach of duty is insignificant and / or we are not responsible for it.
2. Withdrawal from the contract due to a breach of an ancillary obligation within the meaning of Section 241 (2) BGB is only permissible if we are guilty of willful intent or gross negligence and the customer can no longer reasonably be expected to adhere to the contract and perform our services.
3. Claims of the customer due to breaches of duty outside of the warranty expire one year after the point in time at which the customer gained knowledge of the facts giving rise to the claim and the person of the debtor or should have become aware of them without gross negligence, but no later than five years after the breach of duty was committed, unless shorter limitation periods apply due to the law.

§ 11 General Limitations of Liability

1. Claims for damages instead of performance can only be asserted if the customer has previously given us a formal grace period for supplementary performance, combined with the threat to demand compensation instead of performance after the deadline and / or to withdraw from the contract, and this deadline passes fruitlessly. The customer's claims to fulfillment expire at the end of the period of grace, at the latest, however, if and as soon as the customer demands compensation instead of performance.
2. Claims for damages in lieu of performance due to a breach of an ancillary obligation within the meaning of Section 241 (2) of the German Civil Code (BGB) can only be asserted under the conditions of the right of withdrawal in accordance with Section 10 (2) above.
3. Fastpoint's liability is based exclusively on the agreements made in the preceding sections. For damages that did not occur in the delivery item itself, the supplier is only liable - for whatever legal reasons - in the event of willful intent, gross negligence of the organs or executive employees, culpable injury to life, body or health, in the case of defects that fraudulently concealed or whose absence the supplier has guaranteed. Further claims by the customer, in particular for compensation for damage that did not occur on the delivery item itself, are excluded.

§ 12 Formal requirements

In order to meet the requirement of formal notification provided in these General Terms and Conditions, it is necessary and sufficient for the relevant notification to be sent in writing by email.

§ 13 software and data

1. Unless otherwise formally agreed, programs are provided in machine-readable form. The retranslation of the provided programs into the source program, in particular with the aid of debugging programs, is not permitted.
2. Programs, documentation and data material are only intended for internal use by the end customer. Copies may only be made for backup or archiving purposes or for troubleshooting and with the inclusion of the copyright notice of the original copy. The customer must inform his customer of the existing copyrights in a suitable form.

§ 14 final provisions

1. German law applies. The application of the United Nations Convention on International Sale of Goods (UN Sales Law) is excluded.
2. The place of performance is Geretsried.
3. The place of jurisdiction for all disputes is the court responsible for our company headquarters in the case of disputes with business people, legal entities under public law and special funds under public law. However, we are entitled to sue the customer at his general place of jurisdiction.
4. The ineffectiveness of individual provisions does not affect the validity of the concluded contracts. Ineffective provisions must be replaced by provisions that come closest to the intended purpose.

General terms and conditions of Fastpoint GmbH
(As of 01/2021)

TECHNISCH- KAUFMÄNNISCHE INFORMATIONEN
TECHNICAL-COMMERCIAL INFORMATION

Schutz Fremdkörper *Protection Object*	Code	IP Schutzklasse *IP Classification*	Code	Schutz / Wasser *Protection / water*
kein Schutz / no Protection	0		0	keine Schutz / No Protection
Ojekt / Object >50,0mm	1		1	senkrechte fallende Tropfen / vertical falling drops
Ojekt / Object >12,5mm	2		2	Gehäuse 15°geneigt / Housing inclined 15 °
Ojekt / Object >2,5mm	3	Beispiel / example	3	fallendes Sprühwasser / Falling water spray
Ojekt / Object >1,0mm	4	IP 67	4	allseitige Spritzwasser / all-round splash water
staubgeschützt / dust protected	5		5	Strahlwasser / water jets
staubdicht / dustproof	6		6	starkes Strahlwasser / strong water jets
			7	zeitweises Untertauchen / temporary submersion
			8	dauerndes Untertauchen / continuous submersion

SELBSTSCHNEIDENDE SCHRAUBEN
SELF-TAPPING SCREWS

Im Katalog werden selbstschneidende Schrauben mit der ISO Nr. bezeichnet. Nachfolgend können Sie die entsprechenden Gewinde Außendurchmesser ersehen.

The ISO STANDARD NUMBER is shown in this catalogue.In order to identify quickly what type of self-SCHUTZKAPPENng screw to use, we record a dimensional table of these screws.

ISO-STANDARD-NUMMER ISO STANDARD NUMBER	2P	4P	6P	7P	8P	10P	12P	14P
GEWINDE-AUSSENDURCHMESSER THREAD EXTERNAL DIAMETER	2,2	2,9	3,5	3,9	4,2	4,8	5,4	6,4

Brandverhalten nach UL94
Fire Classifikation UL94

Diese Norm wurde ursprünglich in den USA für die Prüfung von Kunststoffen für Elektrogeräte verwendet. Mittlerweile hat sie sich jedoch weltweit für die Einstufung der Flammwidrigkeit und Brandsicherheit von Kunststoffen durchgesetzt. Folgende Klassen werden unterschieden:

HB (Horizontaler Brandtest)Brandverhalten von Kunststoff
Bei der Testmethode HB wird ein Prüfkörper horizontal an einem Ende entzündet. Die Brenngeschwindigkeit darf 76 mm/min (bei über 3 mm Prüfkörperdicke 38 mm/min) nicht überschreiten.

V-2 bis V-0 (Vertikaler Brandtest)
Der Prüfkörper wird vertikal positioniert und am unteren Ende entzündet. Diese Testmethode ist damit strenger als 94 HB. Sie teils sich in die 3 Klassifizierungen 94V-0, 94V-1 und 94V-2 auf.

V-2
Selbstverlöschend bis spätestens 30 Sekunden, brennende Tropfen sind zulässig.

V-1
Selbstverlöschend bis spätestens 30 Sekunden, brennende Tropfen sind nicht zulässig, Nachglimmen maximal 60 Sekunden.

V-0
Selbstverlöschend bis spätestens 10 Sekunden, brennende Tropfen sind nicht zulässig, Nachglimmen maximal 30 Sekunden.

5V
Verschärfte Brandprüfung. Ein vertikal positionierter Prüfkörper wird 5mal jeweils 5 min lang einer 127 mm hohen Flamme ausgesetzt. Nach der letzen Beflammung kein Nachbrennen oder Nachglimmen länger als 60 Sekunden und keine brennenden Tropfen zulässig.
5VB

Wie 5V, mit horizontalem Prüfkörper. Brandloch nach dem Verlöschen zulässig.
5VA

Wie 5VB, kein Brandloch zulässig.

This standard was originally used in the US for the testing of plastics for electrical appliances. In the meantime, however, it has been accepted worldwide for the classification of the flammability and fire safety of plastics. The following classes are distinguished:

HB (Horizontal Burn) Fire behavior of plastic
The test method HB a specimen is horizontally ignited at one end. The burning rate must not exceed 76 mm / min (at about 3 mm specimen thickness 38 mm / min).

V 2 to V-0 (Vertical Burn)
The specimen is positioned vertically and ignited at the bottom. This test method is more severely than 94 HB. They are splitted in the 3 classifications 94V-0, 94V-1 and 94V-2.

V-2
Self-extinguishing within 30 seconds burning drops are allowed.

V-1
Self-extinguishing within 30 seconds burning droplets are not allowed afterglow maximum of 60 seconds.

V-0
Self-extinguishing later than 10 Seconds, burning droplets are not allowed afterglow maximum of 30 seconds.

5V
More stringent fire test. THe vertically positioned test is 5 times 5 min each exposed to long of a 127 mm high flame. Allowed after the last exposure to flame or smoldering Afterflame longer than 60 seconds and no burning drops.
5VB

How 5V, with horizontal specimen. Burnt hole after the extinction allowed.
5VA

How 5VB, no fire hole permitted.

TECHNISCH INFORMATIONEN
TECHNICAL INFORMATION

VERWENDUNG DER PRODUKTE
USE OF PRODUCTS

Aufgrund der vielseitigen Verwendung, Verarbeitung u. Gegebenheiten gibt die Fastpoint GmbH keine Garantie auf die Verwendung und Funktion der Artikel.

FASPOINT offerts no warranty in relation to the use of any of these products. It is the sole responsability of the user to determine the suitability of these products for use in their business.

LAGERHINWEIS DER PRODUKTE
ITEMS STORAGE

Die hergestellten Artikel sind in PE-Tüten verpackt und versiegelt, damit wird ein ausgeglichener Feuchtigkeitssgrad (im Fall von hygroskopischen Polymeren) sowie ein optimaler Funktionsgrad erreicht. Es wird insbesondere für die mit hygroskopischen Polymeren hergestellten Artikel empfohlen, die Packung nicht vor der effektiven Verwendung zu öffnen und die Produkte vor Wärmequellen und Sonnenlicht geschützt aufzubewahren.
Die idealen Aufbewahrungsbedingungen sind bei 20°C mit 50% relativer Luftfeuchtigkeit.
Besondere Beachtung dieses Hinweises ist bei der Verwendung von Polyamid Artikeln notwendig, deren mechanische Eigenschaften (insbesondere Biegsamkeit und Zugfestigkeit) und Gesamtleistungen erheblich von den Umgebungsbedingungen abhängen.

All products are conditioned and sealed in plastic bags where they achieve the right level of water saturation (for hygroscopic polymers) and high performance level.
It is advisable, especially for items made from hygroscopic material, not to open sealed packets until required for use and to store the products in dry ambient, away from direct source of heat and not to expose them to direct sunlight.
The ideal storage conditions are those with 23° C. and 50% of relative humidity.
We advise to store the products in their original packaging to preserve their quality.
Care and attention must be used for the items made from Nylon 66 as its mechanical properties (especially flexibility and tensile strength) and performances are significantly affected by ambient conditions.

VERWENDUNG UND LAGERHINWEIS FÜR SELBSTKLEBENDE ARTIKEL
USE AND STORAGE OF FASTENERS WITH ADHESIVE MOUNTING SYSTEM

Oberfläche:
Der Klebebereich muss trocken, frei von Staub, Öl, Oxiden, Trennmittel u. anderen Verunreinigungen sein.
Reinigung:
Zur Reinigung sollten saubere u. gereinigte Tücher unter Verwendung von materialverträglichen Reinigungsmittel verwendet werden.
Anpressdruck:
Für eine optimale Halteverbindung ist vor allem ein ausreichender Anpressdruck notwendig.
Grundregel hierfür: 10-15N/cm² mit einer Verweilzeit von min. 12 Std.-24 Std.
Lagerung:
Die Lagerung von Artikeln mit Selbstklebebänder sollte bei Raumtemperaturen u. einer Luftfeuchtigkeit von 50-70% erfolgen.
Für Artikel die nach einem Jahr (ab Empfang der Ware) nicht verarbeitet wurden, können keine Qualitätsansprüche mehr geltend gemacht werden.

Surface:
The area to be glued must be dry and free from dust, oil, oxides, release agents, etc. other impurities be.
Cleaning:
For cleaning, clean and cleaned cloths using material compatible Detergents are used.
Contact pressure:
For an optimal holding connection is above all a sufficient contact pressure is necessary.
Basic rule for this: 10-15N / cm² with a Dwell time of min. 12h-24h
Storage:
The storage of items with self-adhesive tapes should be at room temperatures u. one Humidity of 50-70%.
For items released after one year (from receipt of the Goods) have not been processed, cannot Quality claims are more asserted.

ALLGEMEINE INFORMATIONEN ÜBER KUNSTSTOFFWERKSTOFFE
GENERAL PLASTIC MATERIAL INFORMATION

MATERIALIEN *MATERIALS*	**BETRIEBSTEMPERATUR** *SERVICE TEMPERATURES*		**ZUSAMMENFASSUNG CHEMISCHE BESTÄNDIGKEIT** *CHEMICAL RESISTANCE SUMMARY*
	Temp.Bereich *Continuos*	**Kurzfristig.Temp.** *Short term*	
Nylon 6.6 (PA6.6) *Nylon 6.6 (PA6.6)*	- 40°C ~ +85°C	+105°C	**Ausreichende Beständigkeit gegen UV-Strahlen/Ozon. Gute Beständigkeit gegen fast alle Lösungsmittel, aromatischen Kohlenwasserstoff, Öle, Fette und Schmiermittel, Reinigungsmittel, Alkohol, Ketone. Geringe Beständigkeit gegen schwache Säuren (nicht beständig gegen starke Säuren), Laugen, chlorierte Lösungsmittel.** *Limited resistance to UV/ozono . Good resistance to most solvents, aromatic hydrocarbons, oils, greases, fats, detergents, alchohol, ketones. Low resistance to weak acids (not resistant to strong acids), alkalis, mineral acids, chlorinated solvents.*
Nylon 4.6 (PA4.6) *Nylon 4.6 (PA4.6)*	- 40°C ~ +150°C	+195°C	**Ausreichende Beständigkeit gegen UV-Strahlen/Ozon. Gute Beständigkeit gegen fast alle Lösungsmittel, aromatische Kohlenwasserstoffe, Öle, Fette und Schmiermittel, Reinigungsmittel, Alkohole, Ketone. Geringe Beständigkeit gegen schwache Säuren (nicht beständig gegen starke Säuren), Laugen, chlorierte Lösungsmittel.** *Limited resistance to UV/ozono . Good resistance to most solvents, aromatic hydrocarbons, oils, greases, fats, detergents, alchohol, ketones. Low resistance to weak acids (not resistant to strong acids), alkalis, mineral acids, chlorinated solvents.*
Nylon 6.6 (PA66GF) Glasfaserverstärkt *Glass filled Nylon 66 (PA66GF)*	- 40°C ~ +100°C	+120°C.	**Ausreichende Beständigkeit gegen UV-Strahlen/Ozon. Gute Beständigkeit gegen fast alle Lösungsmittel, aromatische Kohlenwasserstoffe, Öle, Fette und Schmiermittel, Reinigungsmittel, Alkohole, Ketone. Geringe Beständigkeit gegen schwache Säuren (nicht beständig gegen starke Säuren), Laugen, chlorierte Lösungsmittel.** *Limited resistance to UV/ozono . Good resistance to most solvents, aromatic hydrocarbons, oils, greases, fats, detergents, alchohol, ketones. Low resistance to weak acids (not resistant to strong acids), alkalis, mineral acids, chlorinated solvents.*
Nylon 12 (PA12) *Nylon 12 (PA12)*	- 40°C ~ +85°C	+105°C	**Gute Beständigkeit gegen UV-Strahlen/Ozon. Geringe Beständigkeit gegen schwache Säuren (nicht beständig gegen starke Säuren) und chlorierte Lösungsmittel. Teilweise beständig gegen Laugen , Öle und Schmiermittel. Gute Beständigkeit gegen Ketone und aromatische Kohlenwasserstoffe.** *Good resistance to UV. Low resistance to weak acids (nor resistant to strong acids) and chlorinated solvents. Partially resistant to alkalis, oils and greases. Good resistance to ketones and aromatic hydrocarbons.*
Azetalharz (POM) *Acetal (POM)*	- 40°C ~ +90°C	+110°C	**Beständig gegen UV-Strahlen/Ozon. Gute Beständigkeit gegen organische Lösungsmittel, aromatische Kohlenwasserstoffe, Öle, Fette und Schmiermittel, Reinigungsmittel, Alkohole, Ketone, Laugen (geringe Beständigkeit gegen starke Laugen). Geringe Beständigkeit gegen Mineralsäuren und chlorierte Lösungsmittel.** *Good resistance to UV/ozono. Good Resistance to organic solvents, aromatic hydrocarbons, oils, greases, fats, detergents, alchohol, ketones. Partially resistant to mineral acids and chlorinated solvents.*
Polykarbonat (PC) *Polycarbonate (PC)*	- 40°C ~ +100°C	+110°C	**Gute Beständigkeit gegen UV-Strahlen/Ozon. Beständig gegen Mineralsäuren, Öle, Fette und Schmiermittel, Alkohole (ausgenommen Ethylalkohol). Niedrige Beständigkeit gegen Lösungsmittel und nicht beständig gegen Laugen.** *Good resistance to UV/ozono. Resistant to mineral acids, oils, greases, alcohols (except methyl alcohol). Low resistance to solvents. Not resistant to alkalis.*
Polypropylen(PP) *Polypropylene (PP)*	- 40°C ~ +85°C	+95°C	**Geringe Beständigkeit gegen UV-Strahlen/Ozon. Beständig gegen organische und Mineralsäuren (ausgenommen oxydierende Säuren), gegen Laugen, aromatische und chlorierte Kohlenwasserstoffe, organische Lösungsmittel, Alkohole, Öle und Reinigungsmittel.** *Low resistance to UV/ozono. Resistant to organic acids, mineral acids (except oxidising agents), alkalis, aromatic and chlorinated hydrocarbons, organic solvents, alcohol, oils and detergents.*
Thermoplastische Elastomere (TPE) *Thermoplastic elastomer (TPE)*	- 28°C ~ +90°C	+105°C	**Hervorragende Beständigkeit gegen Ozon und UV-Strahlen. Beständig gegen Mineralsäuren, Laugen, organische Lösungsmittel und Alkohole. Geringe Beständigkeit gegen Öle, Schmiermittel und Fette.** *Excellent resistance to ozone and UV. Resistant to mineral acids, alkalies, organic solvents and alcohol. Low resistance to, oils, greases.*

ALLGEMEINE INFORMATIONEN ÜBER KUNSTSTOFFWERKSTOFFE
GENERAL PLASTIC MATERIAL INFORMATION

MATERIALIEN *MATERIALS*	**BETRIEBSTEMPERATUR** *SERVICE TEMPERATURES*		**ZUSAMMENFASSUNG CHEMISCHE BESTÄNDIGKEIT** *CHEMICAL RESISTANCE SUMMARY*
	Temp.Bereich *Continuos*	**Kurzfristig.Temp.** *Short term*	
Polyethylen mit niedriger Dichte (LDPE) *Low density Polyethylene (LDPE)*	- 30°C ~ +60°C	+75°C	**Geringe Beständigkeit gegen UV-Strahlen/Ozon. Beständig gegen Mineralsäuren (ausgenommen oxydierende Säuren), Laugen, organische Lösungsmittel, Ketone, Alkohole, Öle und Reinigungsmittel.** *Low resistance to UV/ozono. Resistant to mineral acids (except oxidising agents), alkalis, organic solvents, ketones, alcohol, oils and detergents.*
Polyethylen mit hohe Dichte (HDPE) *High density Polyethylene (HDPE)*	- 30°C ~ +75°C	+95°C	**Geringe Beständigkeit gegen UV-Strahlen/Ozon. Beständig gegen Mineralsäuren (ausgenommen oxydierende Säuren), Laugen, organische Lösungsmittel, Ketone, Alkohole, Öle und Reinigungsmittel.** *Low resistant to UV/ozono. Resistant to mineral acids (except oxidising agents), alkalis, organic solvents, ketones, alcohol, oils and detergents.*
Acrylnitril-Butadien-Styrol (ABS) *Acrylonitrile butadiene styrene (ABS)*	- 30°C ~ +90°C	+100°C	**Geringe Beständigkeit gegen UV-Strahlen/Ozon. Beständig gegen Säuren (ausgenommen oxydierende Säuren) und gegen Laugen, Öle, Fette und Alkohole. Geringe Beständigkeit gegen Lösungsmittel und Ketone.** *Low resistant to UV/ozono. Resistant to most acids (except oxidising agents) and alkalis, hydrocarbons, oils and fats. alcohols. It is not resistant to solvents, ketones.*
Ethylen-Propylen-Dien-Monomer (EPDM) *Ethylene propylene diene Monomer (EPDM)*	- 30°C ~ +120°C	+135°C	**Gute Beständigkeit gegen UV-Strahlen/Ozon und Witterungseinflüsse. Gute Beständigkeit gegen Wasser, Fette, verdünnte Säuren, Ketone, Alkohole, Öle und Reinigungsmittel. Geringe Beständigkeit gegen Lösungsmittel .** *Good resistance to UV/ozono and weathering. Good resistance to water, alkalis, greases, dilute acids, ketones, alcohol, oils and detergents. Low resistance to hydrocarbon solvents and mineral oils.*
Polyvinylchlorid *Flexible PVC*	- 25°C ~ +60°C	+70°C	**Gute Beständigkeit gegen UV-Strahlen/Ozon. Beständig gegen schwache Säuren, Laugen, Mineralöle, Fette. Nicht beständig gegen organische Lösungsmittel, Alkohole, Ketone, aromatische und chlorierte Kohlenwasserstoffe.** *Good resistance to UV/ozono. Resistant to mineral acids, alkalies, oils and fats. Not resistant to organic solvents, alcohols, ketones, aromatic and chlorinated hydrocarbons.*
Hart-PVC *Rigid PVC*	- 25°C ~ +70°C	+80°C	**Gute Beständigkeit gegen UV-Strahlen/Ozon, Beständig gegen Säuren, Laugen, Mineralöle Fette. Nicht beständig gegen organische Lösungsmittel, Alkohole, Keton, aromatische und chlorierte Kohlenwasserstoffe. Im Vergleich zu weichem PVC hat hartes PVC hat bessere Eigenschaften und größere Beständigkeit gegen chemische Substanzen.** *Good resistance to UV/ozono. Resistant to mineral acids, alkalies, oils and fats. Not resistant to organic solvents, alcohols, ketones, aromatic and chlorinated hydrocarbons. Rigid PVC has slightly better properties and chemical reistance than Flexible PVC.*
Poliolefin (PO) *Poliolefin (PO)*	- 50°C ~ +125°C	+145°C	**Gute Beständigkeit gegen UV-Strahlen/Ozon. Gute Beständigkeit gegen Lösungsmittel, Säuren und Laugen.** *Good resistance to UV/ozono. Good resistance to solvents, acids and basis.*
Polyurethan(PU) *Polyurethane (PU)*	- 35°C ~ +80°C	+105°C	**Gute Beständigkeit gegen UV-Strahlen/Ozon. Hervorragende Beständigkeit gegen Mineralöle und Fette. Gute Beständigkeit gegen verdünnte Säuren und Basen. Wird von konzentrierten Lösungen und oxydierenden Säuren angegriffen. Geringe Beständigkeit gegen Lösungsmittel.** *Good resistance to UV/ozono. Excellent resistance to minerals oils and fats. Good resistance to dilute acids and basis. Attacked by concentrated solutions and strongly oxidizing acids. Low resistance to solvents.*

Die angegebenen Werte und die Informationen bezüglich der Beständigkeit gegen chemische Substanzen der unterschiedlichen Werkstoffe sind nur Bezugswerte und beruhen auf den von den Herstellern der Rohstoffe gelieferten Informationen. Sie stellen jedoch keine rechtlich bindende Garantie der chemischen Beständigkeit oder der Eignung für eine bestimmte Anwendung dar und können nicht zur Bestimmung von Eigenschaften, technischen Daten oder Spezifikationen oder als Grundlage für die Planung verwendet werden. FASTPOINT ist nicht für die Gültigkeit der Angaben verantwortlich und schließt jegliche diesbezügliche Haftung aus. Bei der Bewertung und Auswahl des Produktes ist eine Betrachtung der Leistungen des Klebers von grundlegender Bedeutung. Da die mechanischen, thermischen Eigenschaften, so wie die chemische Beständigkeit der verschiedenen Werkstoffe wesentlich von der Betriebstemperatur und den Anwendungsbedingungen abhängig ist, wird sehr empfohlen die Produkte vor der Bestellung zu prüfen und zu testen.

The above information is given for guidance only and should not be used to establish specifications or as the basis of a design.
Fastpoint S.r.l. cannot be held responsible for the accuracy or completeness of these figures and information. All chemical resistance information is based on test taken at room temperature. Perfomance may vary depending on the service temperatures.
In considering the performance of the products it is vital to consider adhesive performance.
Since material mechanical, thermal and chemical properties largely depend on on service temperatures and utilization conditions, it is recommended that samples be evaluated before item are specified. Additional data for the above mentioned materials can be supplied upon request.

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