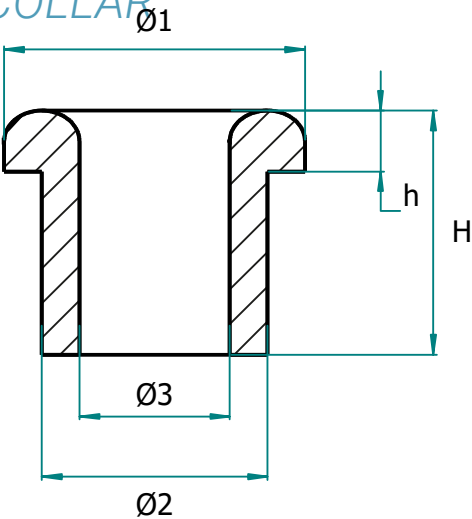


TÜLLEN
GROMMETS



KABELDURCHFÜHRUNG MIT EINSEITIGEM BUND
CABLE GROMMETS WITH ONE-SIDED COLLAR



Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Kabel Ø <i>Cable Ø</i>	Bundhöhe <i>Collar height</i>	Gesamthöhe <i>Total height</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	h	H		
1041	13,7	10,0	5,8	4,0	12,0	EB	
1087	14,0	10,0	6,0	4,0	10,0	EB	

Information:
EB = EPDM, schwarz

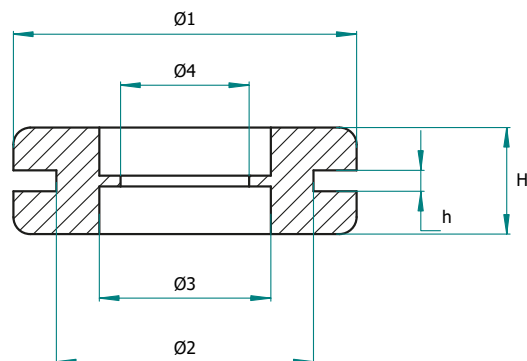
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:
EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNG MIT INNENLIEGENDER DICHTLIPPE

CABLE GROMMET WITH INSIDE SEALING LIP



Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Ø3 <i>Ø3</i>	Ø4 <i>Ø4</i>	Spalt <i>Gap</i>	Gesamthöhe <i>Total height</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	Ø4	h	H		
1047	8,0	6,0	3,8	2,5	2,0	4,2	EB	
1065	19,0	15,0	10,7	7,7	1,7	8,1	EB	
1088	12,0	9,8	6,8	6,0	1,0	8,1	EB	
1093	16,0	11,0	8,8	6,3	2,0	10,2	EB	
1094	30,0	20,0	18,0	14,0	2,3	10,3	EB	
1095	35,0	28,0	24,0	20,0	2,0	10,0	EB	
1096	20,0	16,5	13,2	10,4	2,0	10,0	EB	

Information:

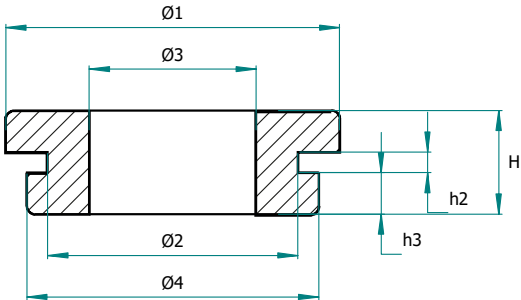
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten**Information:**

EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNGEN MIT ASYMMETRISCHEM BUND
CABLE GROMMETS WITH ASYMMETRIC COLLAR



Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Kabel Ø <i>Cable Ø</i>	Ø4 <i>Ø4</i>	Gesamthöhe <i>Total height</i>	Spalt <i>Gap</i>		Material <i>Material</i>	
	Ø1	Ø2	Ø3	Ø4	H	h2	h3		
0990	7,0	4,0	2,0	6,2	4,0	1,0	1,2	EB	
1000	6,0	4,0	1,6	-	5,0	1,5	1,8	EB	
1019	12,0	6,0	4,0	9,0	6,0	1,5	2,0	EB	
1036	17,0	11,8	10,0	-	7,0	2,0	2,0	EB	
1058	16,7	10,0	6,0	13,7	10,0	1,6	4,2	EB	

Information:
EB = EPDM, schwarz

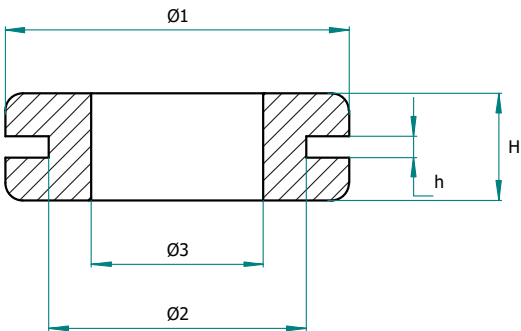
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:
EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted



KABELDURCHFÜHRUNGEN MIT RADIUS
CABLE GROMMETS WITH RADIUS



Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Kabel Ø <i>Cable Ø</i>	Spalt <i>Gap</i>	Gesamthöhe <i>Total height</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	h	H		
0999	5,8	4,0	1,0	1,5	5,2	EB	
1001	7,8	5,0	3,0	1,4	5,0	EB	
1006	10,1	7,0	3,0	1,5	5,8	EB	
1009	9,0	6,0	4,5	1,0	4,0	EB	
1010	12,5	10,0	5,5	2,0	8,5	EB	
1012	15,5	9,5	5,5	0,8	5,0	EB	
1013	14,0	10,0	6,8	4,5	10,3	EB	

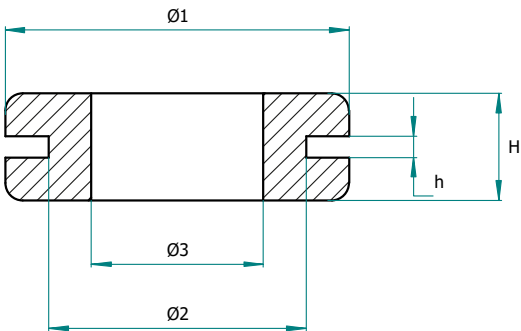
Information:
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:
EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNGEN MIT RADIUS
CABLE GROMMETS WITH RADIUS



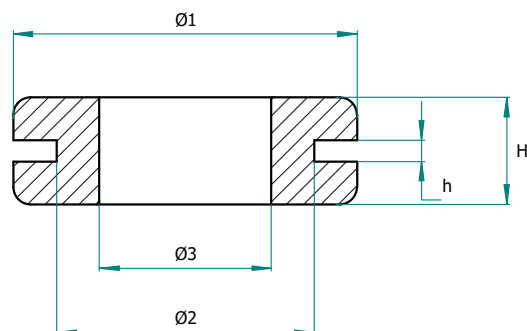
Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Kabel Ø <i>Cable Ø</i>	Spalt <i>Gap</i>	Gesamthöhe <i>Total height</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	h	H		
1014	12,7	10,0	6,0	2,1	8,0	EB	
1015	16,0	12,0	6,8	1,5	8,0	EB	
1016	13,0	10,0	7,0	1,5	7,3	EB	
1021	9,5	6,5	4,5	1,2	6,0	EB	
1023	10,8	8,0	5,4	1,1	4,3	EB	
1024	11,0	7,0	4,4	2,0	7,0	EB	
1026	29,0	24,0	15,0	2,2	10,2	EB	

Information:
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:
EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNGEN MIT RADIUS
CABLE GROMMETS WITH RADIUS

Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Kabel Ø <i>Cable Ø</i>	Spalt <i>Gap</i>	Gesamthöhe <i>Total height</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	h	H		
1031	7,7	5,0	2,0	2,0	5,2	EB	
1037	12,0	8,4	5,8	2,5	8,8	EB	
1040	24,8	18,7	11,7	1,3	7,5	EB	
1051	9,3	6,2	4,0	3,0	6,0	EB	
1053	14,3	9,8	8,0	2,0	7,8	EB	
1054	12,2	9,3	5,8	1,5	7,0	EB	
1067	17,2	13,0	9,5	1,5	8,0	EB	

Information:

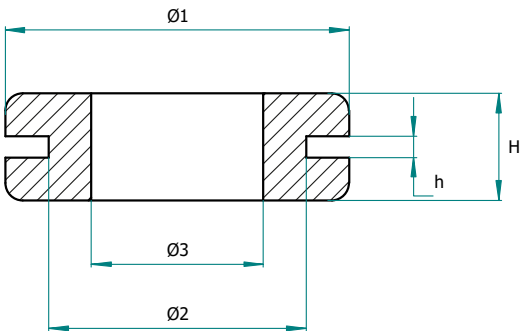
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten**Information:**

EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNGEN MIT RADIUS
CABLE GROMMETS WITH RADIUS



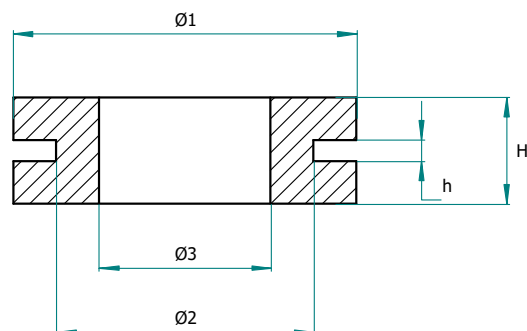
Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Kabel Ø <i>Cable Ø</i>	Spalt <i>Gap</i>	Gesamthöhe <i>Total height</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	h	H		
1072	10,5	7,8	5,8	4,1	7,0	EB	
1078	7,7	5,0	3,0	1,0	4,4	EB	
1079	12,0	9,0	4,5	1,0	5,2	EB	
1082	11,2	8,0	6,0	1,0	6,2	EB	
1083	15,0	11,7	8,0	2,0	7,0	EB	

Information:
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:
EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNGEN OHNE RADIUS
CABLE GROMMETS WITHOUT RADIUS

Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Kabel Ø <i>Cable Ø</i>	Spalt <i>Gap</i>	Gesamthöhe <i>Total height</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	h	H		
0980	6,0	4,0	2,7	1,0	4,0	EB	
1007	11,0	7,0	4,5	3,0	6,5	EB	
1017	16,2	11,6	8,2	1,5	7,0	EB	
1038	15,0	10,0	6,0	2,0	6,5	EB	
1056	9,0	6,0	4,0	2,0	6,2	EB	
1063	6,0	4,3	1,6	0,5	3,0	EB	
1064	9,0	6,0	3,6	1,0	5,0	EB	

Information:

EB = EPDM, schwarz

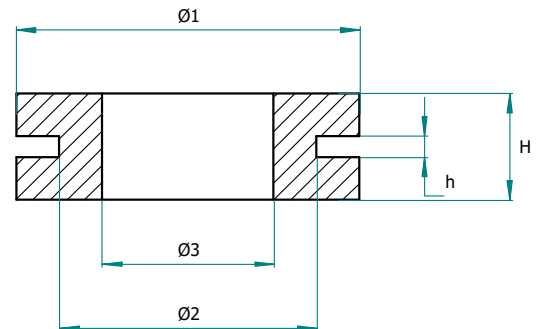
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten**Information:**

EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNGEN OHNE RADIUS

CABLE GROMMETS WITHOUT RADIUS



Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Kabel Ø <i>Cable Ø</i>	Spalt <i>Gap</i>	Gesamthöhe <i>Total height</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	h	H		
1073	10,8	8,0	3,9	1,6	7,0	EB	
1075	13,0	10,0	6,0	2,2	5,5	EB	
1076	9,0	6,0	3,8	1,5	7,5	EB	
1080	6,0	4,3	2,5	0,6	3,0	EB	
1081	9,5	7,5	4,9	2,0	5,5	EB	
1084	5,0	3,7	2,5	1,2	4,0	EB	

Information:

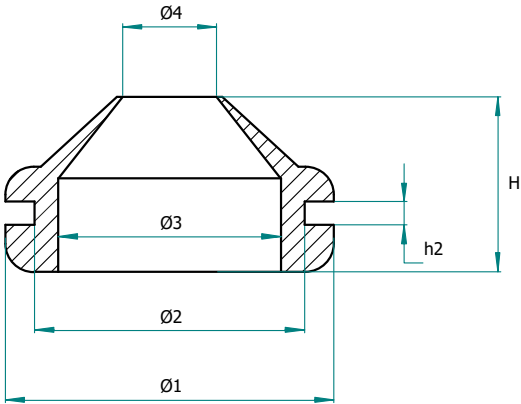
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten**Information:**

EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNGEN SONDERFORMEN
CABLE GROMMETS SPECIAL FORM



Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Innen Ø <i>Inner Ø</i>	Ø4 <i>Ø4</i>	Gesamthöhe <i>Total height</i>	Spalt <i>Gap</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	Ø4	H	h2		
1020	19,7	15,0	11,6	6,5	10,0	2,0	EB	
1029 ¹⁾	24,5	19,0	14,5	9,0	14,5	2,5	EB	
1030	24,5	19,8	14,5	8,8	14,5	3,5	EB	

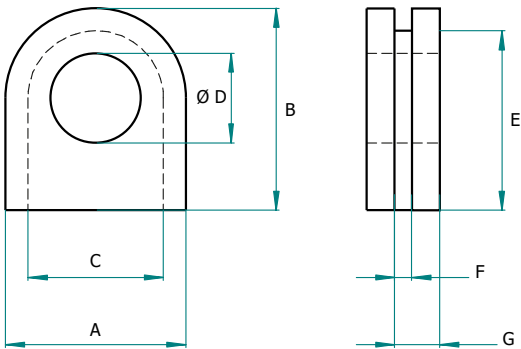
Information:

EB = EPDM, schwarz
1) = mit variablem Klemmbereich von 1,5 - 2,5mm
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:

EB = EPDM, black
1) = with a variable clamping range of 1.5 – 2.5 mm
General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNGEN U-FORM
CABLE GROMMETS U-SHAPE



Artikel Nr. <i>Part no.</i>	Breite <i>Width</i>	Höhe <i>Height</i>	Ausspa- rungsbreite <i>Recess width</i>	Kabel Ø <i>Cable Ø</i>	Ausspa- rungshöhe <i>Recess height</i>	Spaltmaß <i>Clearance</i>	Einbautiefe <i>Installation depth</i>	Material <i>Material</i>	
	A	B	C	Ø D	E	F	G		
1033 ¹⁾	19,0	19,0	13,8	9,3	16,3	2,0	4,5	EB	
1048 ²⁾	13,8	13,8	10,5	7,0	12,0	1,5	3,5	EB	
1049 ³⁾	19,0	19,0	13,8	9,3	16,3	2,0	4,5	EB	
1059	13,8	13,8	10,5	7,0	12,0	1,5	3,5	EB	

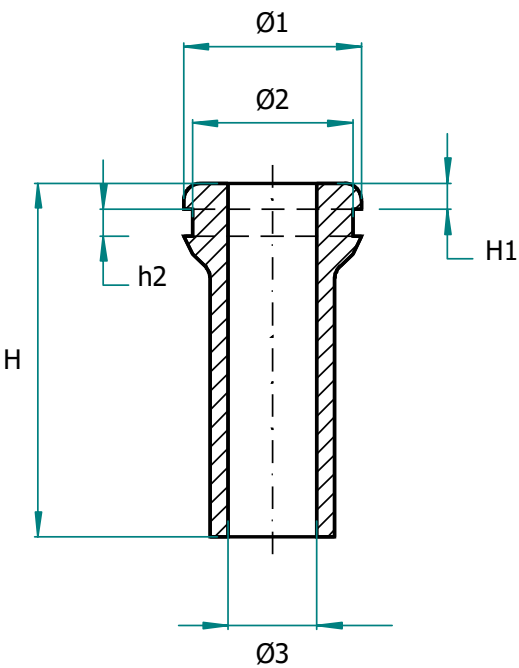
Information:

EB = EPDM, schwarz
1) = mit innenliegender Membran. ; 2) = mit vorgelochter Membran
1mm Ø. ; 3) = mit vorgelochter Membran 2mm Ø.
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)

Information:

EB = EPDM, black
1) = With inner membrane. ; 2) = Perforated membrane 1mm
Ø ; 3) = Perforated membrane 2mm Ø
General measuring tolerances (DIN ISO 3302, section 2 M2F)

KNICKSCHUTZTÜLLEN
BEND RELIEF GROMMETS



Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Kabel Ø <i>Cable Ø</i>	Bundhöhe <i>Collar height</i>	Spalt <i>Gap</i>	Gesamthöhe <i>Total height</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	H1	h2	H		
0970	5,4	3,5	1,7	1,0	1,5	8,6	EB	
0998	6,8	5,0	3,0	2,1	2,0	18,0	EB	
1066	9,1	6,8	3,5	2,1	1,5	14,7	EB	

Information:
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

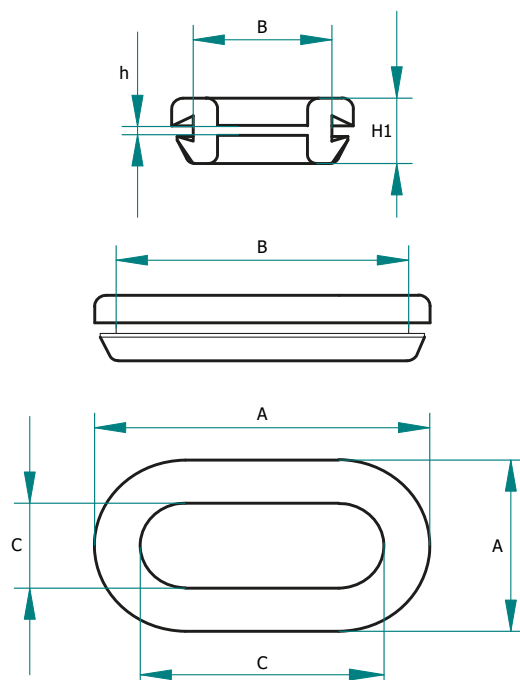
Information:
EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted



LANGLOCHTÜLLE

OBLONG GROMMET



Artikel Nr. <i>Part no.</i>	Außenmaße <i>Total dimensions</i>	Einbaumaße <i>Installation dimensions</i>	Innenmaße <i>Inner dimensions</i>	Klemmbereich <i>Gap</i>	Gesamthöhe <i>Total height</i>	Membran- dicke <i>Membrane thickness</i>	Material <i>Material</i>	
	A	B	C	h	H1	M		
1027 ¹⁾	35,0 x 17,0	30,0 x 12,0	26,6 x 8,3	2,8	6,3	1,0	EB	
1028 ²⁾	35,0 x 17,0	30,0 x 12,0	26,6 x 8,3	2,8	6,3	1,0	EB	
1097	29,0 x 16,0	25,0 x 12,0	21,0 x 8,0	1 - 2,5	6,0	0,8	EB	
1098	42,0 x 19,0	37,0 x 14,0	33,0 x 10,0	1 - 2,5	7,0	0,8	EB	
1099	58,0 x 24,0	50,0 x 16,0	46,0 x 12,0	1 - 2,5	9,0	1,0	EB	
1196	24,5 x 14,7	20,0 x 10,0	16,5 x 6,5	1 - 2,5	6,5	0,8	EB	COMING SOON

Information:

EB = EPDM, schwarz

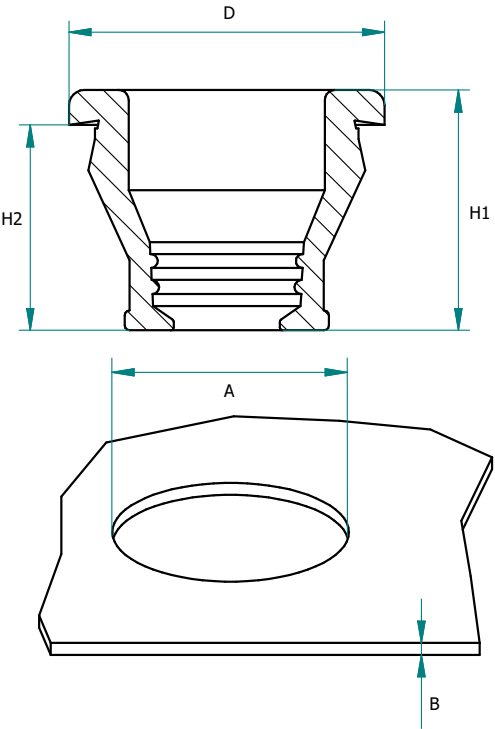
1) = mit Lochung (Durchmesserzeichen) 5,5 mm (9 mm außermittig, links) und Lochvorprägung (Durchmesserzeichen) 3 mm (2 mm aussermittig, rechts) ; 2) = mit aussenliegender Membran

Information:

EB = EPDM, black

1) = with perforation (diameter mark) 5.5 mm (9 mm off-centre, left) and hole pre-embossing (diameter mark) 3 mm (2 mm off-centre, right) ; 2) = with outer membrane

SNAP[®] EASY TIGHT
SNAP[®] EASY-TIGHT



Artikel Nr. Part no.	Nennmaß Nominal size	Kabel Ø Cable Ø	Loch Ø Panel hole size	Wandstärke Panel thick- ness	Gesamt Ø Total Ø	Gesamthöhe Total height	Einbautiefe Installation depth	Material Material	
			A	B	D	H1	H2		
1490	M 10	1,5 - 4,0	10,5	1 - 4,0	14,0	18,5	15,0	EB	
1491	M 12 / PG 7	4 - 6	12,5	1 - 4,0	16,0	20,5	17,0	EB	
1492	M 16 / PG 9	6 - 9	16,5	1 - 4,0	21,0	22,0	18,5	EB	
1493	M 20	9 - 12	20,5	1 - 4,0	25,5	22,0	18,5	EB	
1494	M 25	12 - 16	25,5	1 - 4,0	31,5	24,0	20,5	EB	
1495	M 32	16 - 20	32,5	1 - 6,0	38,0	27,5	23,5	EB	
1496	M 40	20 - 26	40,5	1 - 6,0	46,5	28,5	24,5	EB	

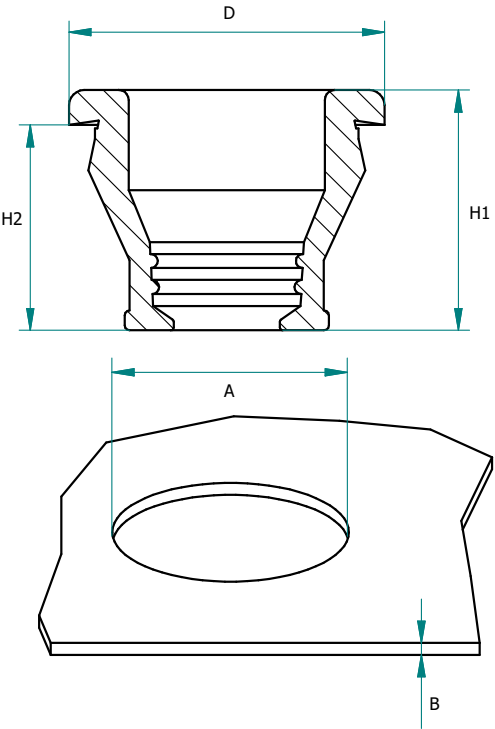
Information:
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:
EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

SNAP[®] EASY TIGHT
SNAP[®] EASY-TIGHT



Artikel Nr. Part no.	Nennmaß Nominal size	Kabel Ø Cable Ø	Loch Ø Panel hole size	Wandstärke Panel thick- ness	Gesamt Ø Total Ø	Gesamthöhe Total height	Einbautiefe Installation depth	Material Material	
			A	B	D	H1	H2		
1497	M 50	26 - 35	50,5	1 - 6,0	58,0	30,0	25,5	EB	

Information:
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

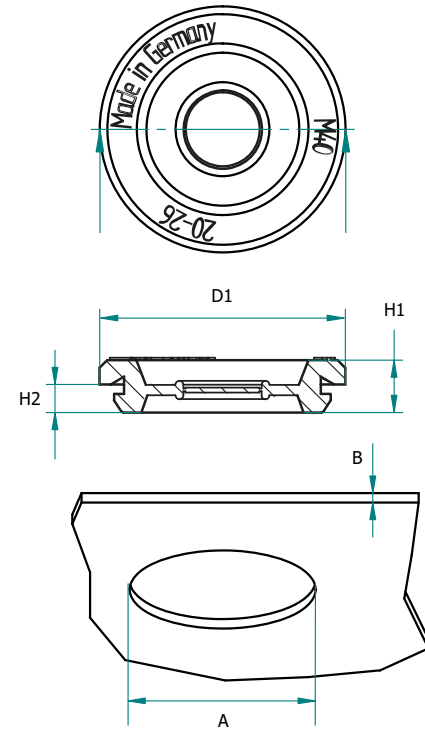
Information:
EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted



SNAP[®] METRIC LIGHT

SNAP[®] METRIC LIGHT



Artikel Nr. Part no.	Nennmaß Nominal size	Kabel Ø Cable Ø	Loch Ø Panel hole size	Wand- stärke Panel thick- ness	Gesamt Ø Total Ø	Innen Ø Inner Ø	Gesamt- höhe Total height	Einbautiefe Installation depth	Material Material	
			A	B	Ø D1	Ø D2	H1	H2		
1600	M 12 / PG 7	3 - 5	12,5	1 - 2,5	18,5	-	7,5	2,5	EB, SB	
1601	M 16 / PG 9	5 - 7	16,5	1 - 2,5	22,5	-	7,5	2,5	EB, SB	
1602	M 20	7 - 10	20,5	1 - 2,5	26,5	-	7,5	2,5	EB, SB	
1603	M 25	10 - 14	25,5	1 - 2,5	31,5	-	7,5	2,5	EB, SB	
1604	M 32	14 - 20	32,5	1 - 2,5	39,0	-	9,0	3,0	EB, SB	
1605	M 40	20 - 26	40,5	1 - 3,5	49,0	-	10,5	3,5	EB, SB	
1606	M 50	26 - 35	50,5	1 - 3,5	58,5	-	11,0	4,0	EB, SB	

Information:

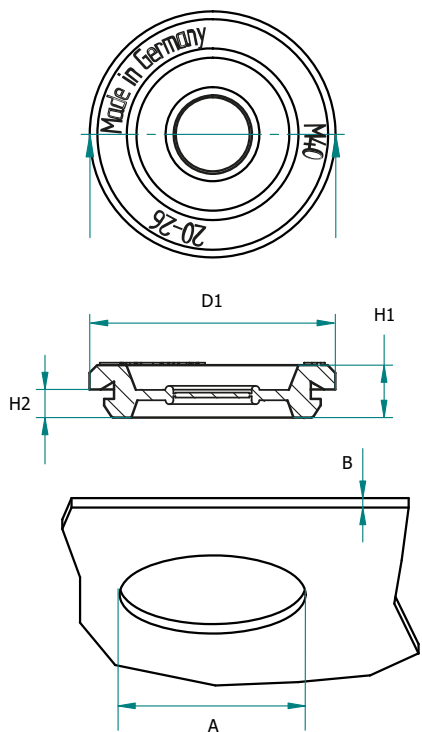
EB = EPDM, schwarz ; SB = Silikon, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten**Information:**

EB = EPDM, black ; SB = Silicon, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

SNAP[®] METRIC LIGHT
SNAP[®] METRIC LIGHT



Artikel Nr. Part no.	Nennmaß Nominal size	Kabel Ø Cable Ø	Loch Ø Panel hole size	Wand- stärke Panel thick- ness	Gesamt Ø Total Ø	Innen Ø Inner Ø	Gesamt- höhe Total height	Einbautiefe Installation depth	Material Material	
			A	B	Ø D1	Ø D2	H1	H2	EB, SB	
1607	M 63	35 - 40	63,5	1 - 3,5	71,5	-	11,5	4,5	EB, SB	

Information:

EB = EPDM, schwarz ; SB = Silikon, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

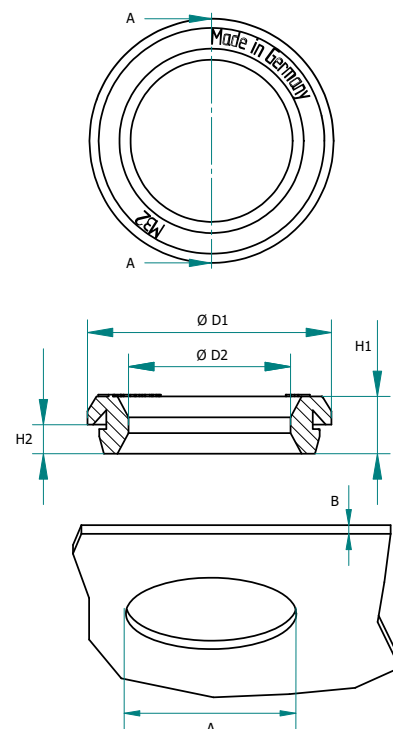
Information:

EB = EPDM, black ; SB = Silicon, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

SNAP[®] METRIC LIGHT OPEN

SNAP[®] METRIC LIGHT OPEN



Artikel Nr. Part no.	Nennmaß Nominal size	Kabel Ø Cable Ø	Loch Ø Panel hole size	Wand- stärke Panel thick- ness	Gesamt Ø Total Ø	Innen Ø Inner Ø	Gesamt- höhe Total height	Einbautiefe Installation depth	Material Material	
			A	B	Ø D1	Ø D2	H1	H2		
3000	M 12 / PG 7	0 - 9,0	12,5	1 - 2,5	18,5	9,0	7,5	2,5	EB	
3001	M 16 / PG 9	0 - 12,0	16,5	1 - 2,5	22,5	12,0	7,5	2,5	EB	
3002	M 20	0 - 16,0	20,5	1 - 2,5	26,5	16,0	7,5	2,5	EB	
3003	M 25	0 - 20,0	25,5	1 - 2,5	31,5	20,0	7,5	2,5	EB	
3004	M 32	0 - 25,5	32,5	1 - 2,5	39,0	25,5	9,0	3,0	EB	
3005	M 40	0 - 32,0	40,5	1 - 3,5	49,0	32,0	10,5	3,5	EB	
3006	M 50	0 - 41,0	50,5	1 - 3,5	58,5	41,0	11,0	4,0	EB	

Information:

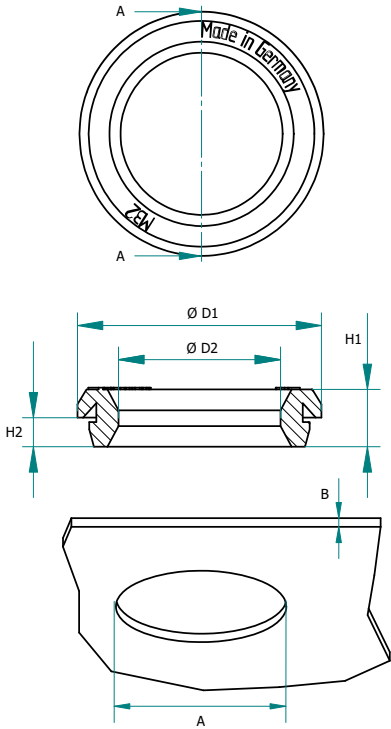
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten**Information:**

EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

SNAP[®] METRIC LIGHT OPEN
SNAP[®] METRIC LIGHT OPEN



Artikel Nr. <i>Part no.</i>	Nennmaß <i>Nominal size</i>	Kabel Ø <i>Cable Ø</i>	Loch Ø <i>Panel hole size</i>	Wand- stärke <i>Panel thick- ness</i>	Gesamt Ø <i>Total Ø</i>	Innen Ø <i>Inner Ø</i>	Gesamt- höhe <i>Total height</i>	Einbautiefe <i>Installation depth</i>	Material <i>Material</i>	
			A	B	Ø D1	Ø D2	H1	H2		
3007	M 63	0 - 53,0	63,5	1 - 3,5	71,5	53,0	11,5	4,5	EB	

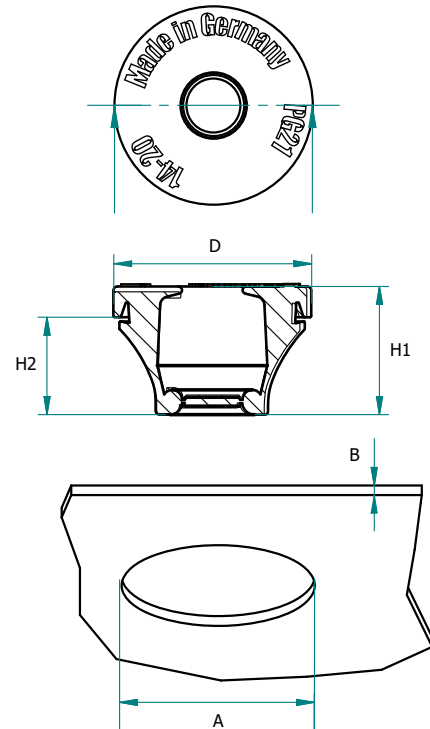
Information:
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:
EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

SNAP[®] PG
SNAP[®] PG



Artikel Nr. Part no.	Nennmaß Nominal size	Kabel Ø Cable Ø	Loch Ø Panel hole size	Wandstärke Panel thick- ness	Gesamt Ø Total Ø	Gesamthöhe Total height		Material Material	
			A	B	D	H1	H2		
1102	PG 11	7 - 10	19,0	1,0 - 4,0	24,0	19,5	13,5	EG, EB, CB, SB	
1103	PG 16	10 - 14	23,0	1,0 - 4,0	28,0	22,5	16,0	EG, EB, CB, SB	
1104	PG 21	14 - 20	29,0	1,0 - 4,0	35,0	24,5	17,5	EG, EB, CB, SB	
1105	PG 29	20 - 26	38,0	1,0 - 4,0	46,0	30,0	21,0	EG, EB, CB, SB	
1106	PG 36	26 - 35	48,0	1,0 - 4,0	58,0	35,0	25,0	EG, EB, CB, SB	
1200	M 12 / PG 7	3 - 5	12,5	1,0 - 4,0	18,5	17,0	10,5	EG, EB, CB, SB	
1201	M 16 / PG 9	5 - 7	16,5	1,0 - 4,0	21,5	19,0	12,0	EG, EB, CB, SB	

Information:

EG = EPDM, grau ; EB = EPDM, schwarz ; CB = CR, schwarz ; SB =
Silikon, schwarz

IP66 / IP67, fachgerechte Montage vorausgesetzt
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)

Information:

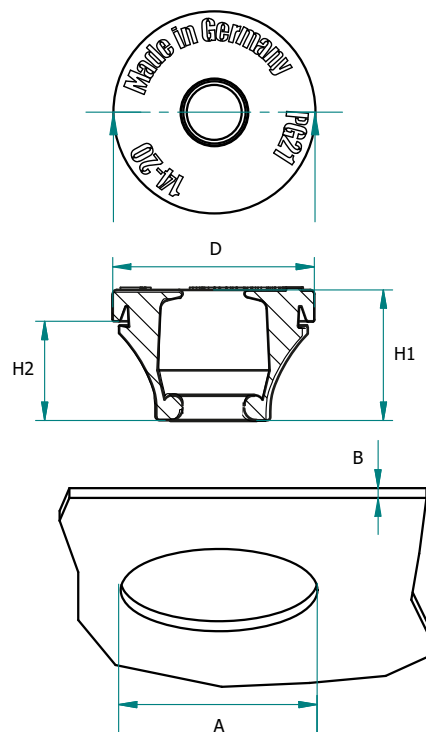
EG = EPDM, gray ; EB = EPDM, black ; CB = CR, black ; SB =
Silicon, black

IP66 / IP67

General measuring tolerances (DIN ISO 3302, section 2 M2F)

SNAP[®] PG OPEN

SNAP[®] PG OPEN



Artikel Nr. Part no.	Nennmaß Nominal size	Kabel Ø Cable Ø	Loch Ø Panel hole size	Wandstärke Panel thick- ness	Gesamt Ø Total Ø	Gesamthöhe Total height		Material Material	
			A	B	D	H1	H2		
1112	PG 11	7 - 10	19,0	1,0 - 4,0	24,0	19,5	13,5	EG, EB, SB	
1113	PG 16	10 - 14	23,0	1,0 - 4,0	28,0	22,5	16,0	EG, EB, SB	
1114	PG 21	14 - 20	29,0	1,0 - 4,0	35,0	24,5	17,5	EG, EB, SB	
1115	PG 29	20 - 26	38,0	1,0 - 4,0	46,0	30,0	21,0	EG, EB, SB	
1116	PG 36	26 - 35	48,0	1,0 - 4,0	58,0	35,0	25,0	EG, EB, SB	
1210 ¹⁾	M 12 / PG 7	3 - 5	12,5	1,0 - 4,0	18,5	17,0	10,5	EG, EB, SB	
1211	M 16 / PG 9	5 - 7	16,5	1,0 - 4,0	21,5	19,0	12,0	EG, EB, SB	

Information:

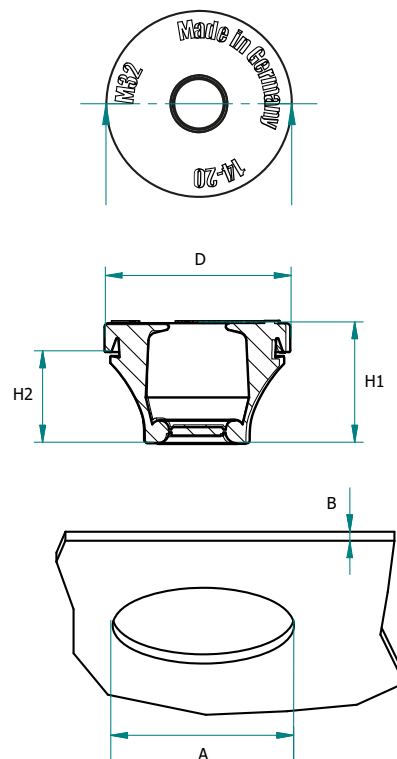
EG = EPDM, grau ; EB = EPDM, schwarz ; SB = Silikon, schwarz
 1) = IP66 / IP67, fachgerechte Montage vorausgesetzt
 Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
 Irrtum vorbehalten

Information:

EG = EPDM, gray ; EB = EPDM, black ; SB = Silicon, black
 1) = IP66 / IP67
 General measuring tolerances (DIN ISO 3302, section 2 M2F)
 Errors excepted

SNAP[®] METRIC

SNAP[®] METRIC



Artikel Nr. Part no.	Nennmaß Nominal size	Kabel Ø Cable Ø	Loch Ø Panel hole size	Wandstärke Panel thick- ness	Gesamt Ø Total Ø	Gesamthöhe Total height		Material Material	
			A	B	D	H1	H2		
1200	M 12 / PG 7	3 - 5	12,5	1,0 - 4,0	18,5	17,0	10,5	EG, EB, CB, SB	
1201	M 16 / PG 9	5 - 7	16,5	1,0 - 4,0	21,5	19,0	12,0	EG, EB, CB, SB	
1202	M 20	7 - 10	20,5	1,0 - 4,0	25,5	20,5	14,0	EG, EB, CB, SB	
1203	M 25	10 - 14	25,5	1,0 - 4,0	30,5	23,0	15,5	EG, EB, CB, SB	
1204	M 32	14 - 20	32,5	1,0 - 4,0	38,5	25,0	18,0	EG, EB, CB, SB	
1205	M 40	20 - 26	40,5	1,0 - 4,0	49,0	32,0	22,0	EG, EB, CB, SB	
1206	M 50	26 - 35	50,5	1,0 - 4,0	60,5	37,5	25,5	EG, EB, CB, SB	

Information:

EG = EPDM, grau ; EB = EPDM, schwarz ; CB = CR, schwarz ; SB = Silikon, schwarz

IP66 / IP67, fachgerechte Montage vorausgesetzt
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)

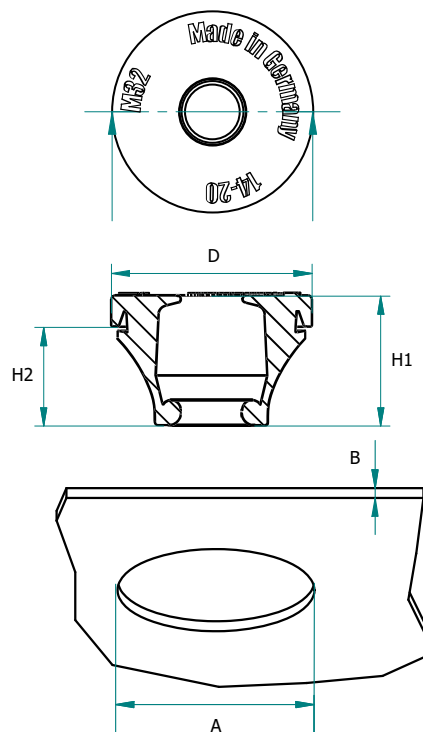
Information:

EG = EPDM, gray ; EB = EPDM, black ; CB = CR, black ; SB = Silicon, black

IP66 / IP67
General measuring tolerances (DIN ISO 3302, section 2 M2F)

SNAP[®] METRIC OPEN

SNAP[®] METRIC OPEN



Artikel Nr. Part no.	Nennmaß Nominal size	Kabel Ø Cable Ø	Loch Ø Panel hole size	Wandstärke Panel thick- ness	Gesamt Ø Total Ø	Gesamthöhe Total height		Material Material	
			A	B	D	H1	H2		
1210 ¹⁾	M12 / PG 7	3 - 5	12,5	1,0 - 4,0	18,5	17,0	10,5	EG, EB, SB	
1211	M 16 / PG 9	5 - 7	16,5	1,0 - 4,0	21,5	19,0	12,0	EG, EB, SB	
1212	M 20	7 - 10	20,5	1,0 - 4,0	25,5	20,5	14,0	EG, EB, SB	
1213	M 25	10 - 14	25,5	1,0 - 4,0	30,5	23,0	15,5	EG, EB, SB	
1214	M 32	14 - 20	32,5	1,0 - 4,0	38,5	25,0	18,0	EG, EB, SB	
1215	M 40	20 - 26	40,5	1,0 - 4,0	49,0	32,0	22,0	EG, EB, SB	
1216	M 50	26 - 35	50,5	1,0 - 4,0	60,5	37,5	25,5	EG, EB, SB	

Information:

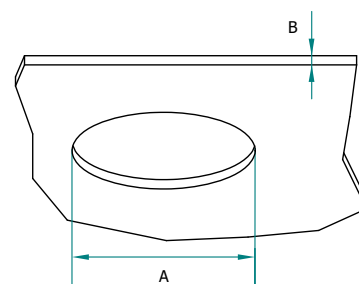
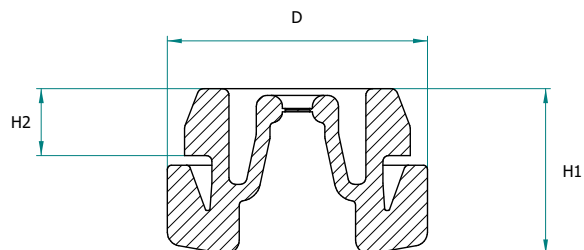
EG = EPDM, grau ; EB = EPDM, schwarz ; SB = Silikon, schwarz
 1) = IP66 / IP67, fachgerechte Montage vorausgesetzt
 Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
 Irrtum vorbehalten

Information:

EG = EPDM, gray ; EB = EPDM, black ; SB = Silicon, black
 1) = IP66 / IP67
 General measuring tolerances (DIN ISO 3302, section 2 M2F)
 Errors excepted

SNAP® MULTIFLEX

SNAP® MULTIFLEX



Artikel Nr. <i>Part no.</i>	Nennmaß <i>Nominal size</i>	Loch Ø <i>Panel hole size</i>	Wandstärke <i>Panel thick- ness</i>	Kabel Ø <i>Cable Ø</i>	Gesamt Ø <i>Total Ø</i>	Gesamthöhe <i>Total height</i>	Höhe <i>Height</i>	Material <i>Material</i>	
		A	B		D	H1	H2		
4000 ¹⁾	M 12 / PG 7	12,5	1 - 4,0	2 - 6	19,0	12,0	5,0	EG, SB, EB	
4001 ¹⁾	M 16 / PG 9	16,5	1 - 4,0	5 - 8	22,0	12,0	5,0	EG, SB, EB	
4002 ¹⁾	M 20	20,5	1 - 4,0	7 - 12	27,0	12,50	5,0	EG, SB, EB	
4003 ¹⁾	M 25	25,5	1 - 4,0	9 - 14	33,0	12,70	5,0	EG, SB, EB	
4012	PG 11	19,0	1 - 4,0	7 - 10	25,0	12,0	5,0	EG, SB, EB	COMING SOON
4013	PG 16	23,0	1 - 4,0	9 - 14	29,0	12,5	5,0	EG, SB, EB	COMING SOON

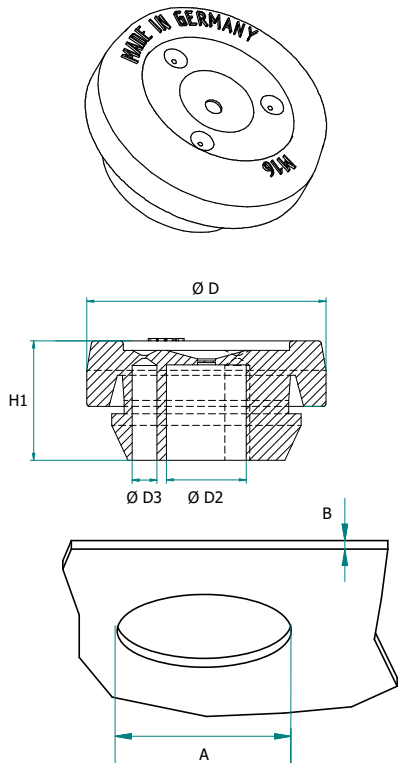
Information:

EG = EPDM, grau ; SB = Silikon, schwarz ; EB = EPDM, schwarz
 1) = IP66 / IP67, fachgerechte Montage vorausgesetzt
 Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
 Irrtum vorbehalten

Information:

EG = EPDM, gray ; SB = Silicon, black ; EB = EPDM, black
 1) = IP66/67
 General measuring tolerances (DIN ISO 3302, section 2 M2F)
 Errors excepted

SNAP[®] MULTIGATE
SNAP[®] MULTIGATE



Artikel Nr. Part no.	Nennmaß Nominal size	Loch Ø Panel hole size	Wand- stärke Panel thickness	Gesamt Ø Total Ø	Innen Ø Inner Ø	Innen Ø / (Kabel Ø) Inner Ø / (Cable Ø)	Gesamt- höhe Total height	Innen Ø Inner Ø	Innen Ø / (Kabel Ø) Inner Ø / (Cable Ø)	Material Material	
		A	B	D	Ø D2		H1	Ø D3			
3100	M 16 / PG 9	16,5	1 - 4,0	24,0	1 x 8,0	1 x 8,0	12,0	3 x 2,5	3 x 2,5	EB, EG	
3101	M 20	20,5	1 - 4,0	27,5	-	3 x 8,0	12,0	-	-	EB, EG	
3102	M 25	25,5	1 - 4,0	32,5	-	4 x 8,0	12,0	-	-	EB, EG	
3103	M 32	32,5	1 - 4,0	41	-	4 x 11,0	12,75	-	-	EB, EG	

Information:

EB = EPDM, schwarz ; EG = EPDM, grau

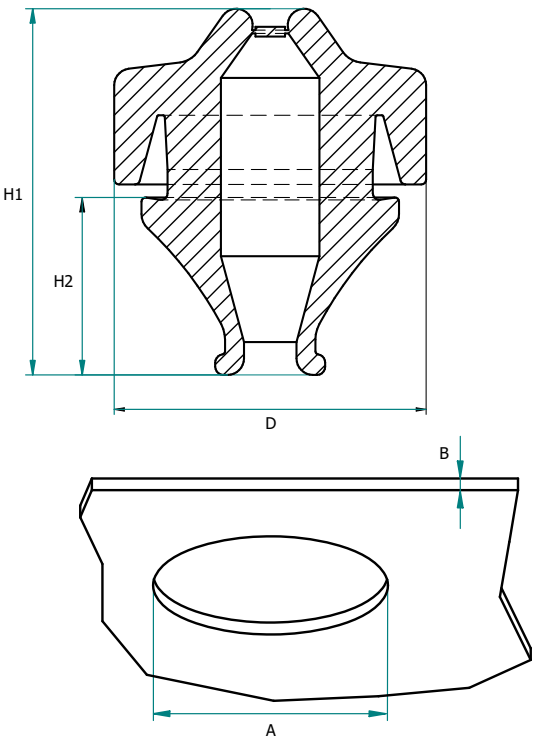
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:

EB = EPDM, black ; EG = EPDM, gray

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

SNAP[®] - DNG
SNAP[®] - DNG



Artikel Nr. <i>Part no.</i>	Nennmaß <i>Nominal size</i>	Wandstärke <i>Panel thick- ness</i>	Loch Ø <i>Panel hole size</i>	Kabel Ø <i>Cable Ø</i>	Gesamt Ø <i>Total Ø</i>	Gesamthöhe <i>Total height</i>	Höhe <i>Height</i>	Material <i>Material</i>	
		B	A			H1			
4500	M 12 / PG 7	1,0 - 5,0	12,5	3,0 - 5,0	19,0	22,25	10,5	EG, EB	
4501	M 16 / PG 9	1,0 - 5,0	16,5	5,0 - 7,0	22,25	22,75	11,0	EG, EB	
4502	M20	1,0 - 5,0	20,5	7,0 - 10,0	27,0	24,25	12,5	EG, EB	
4503	M25	1,0 - 5,0	25,5	10,0 - 14,0	32,0	24,5	12,75	EG, EB	

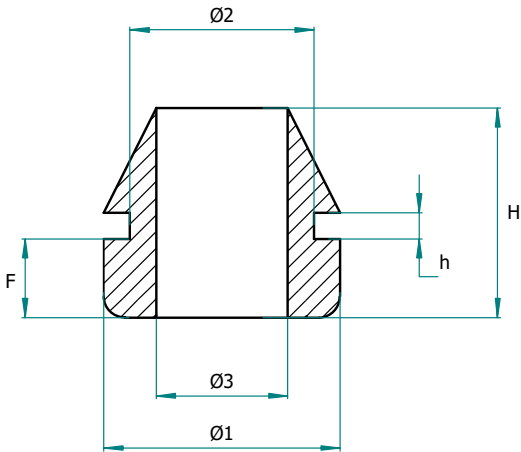
Information:

EG = EPDM, grau ; EB = EPDM, schwarz
IP66 / IP67, fachgerechte Montage vorausgesetzt
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:

EG = EPDM, gray ; EB = EPDM, black
IP66 / IP67
General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNGEN SONDERFORMEN
CABLE GROMMETS SPECIAL FORM



Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Kabel Ø <i>Cable Ø</i>	Spalt <i>Gap</i>	Gesamthöhe <i>Total height</i>	Kopfhöhe <i>Head height</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	h	H	F		
0996	8,0	5,0	2,4	1,5	6,0	1,5	EB	
1002	10,0	7,0	5,0	1,5	6,7	1,5	EB	
1003	11,7	8,5	6,5	1,5	7,0	1,5	EB	
1089	11,7	9,8	6,8	1,0	8,2	3,5	EB	

Information:

EB = EPDM, schwarz

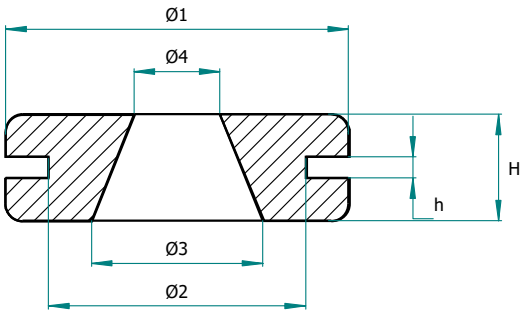
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:

EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

KABELDURCHFÜHRUNGEN MIT REDUZIERTEM DURCHGANG
CABLE GROMMETS SPECIAL FORM



Artikel Nr. <i>Part no.</i>	Gesamt Ø <i>Total Ø</i>	Loch Ø <i>Hole Ø</i>	Ø3 <i>Ø3</i>	Ø4 <i>Ø4</i>	Gesamthöhe <i>Total height</i>	Spalt <i>Gap</i>	Material <i>Material</i>	
	Ø1	Ø2	Ø3	Ø4	H	h		
1044	15,0	11,0	8,0	7,0	7,0	2,0	EB	
1062	15,7	10,7	10,7	4,3	5,0	1,5	EB	

Information:
EB = EPDM, schwarz

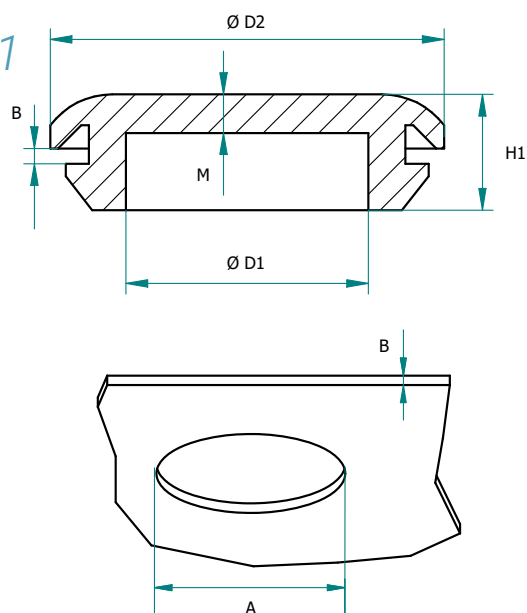
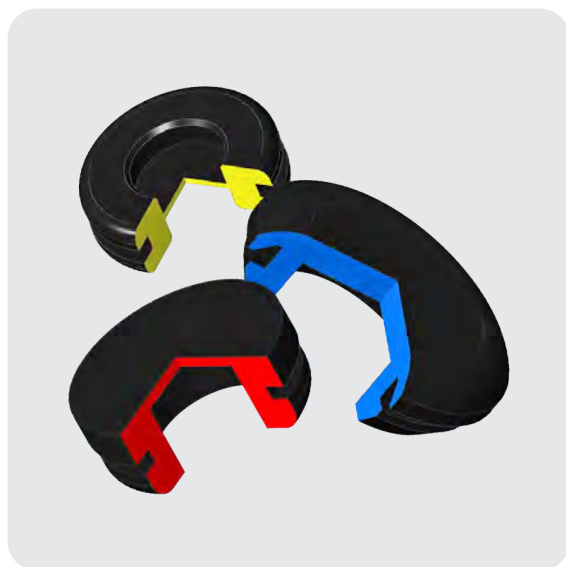
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:
EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

VERSCHLUSSTÜLLEN - FORM 1

SEALING (BLANKING) PLUG - SHAPE 1



Artikel Nr. Part no.	Nennmaß Nominal size	Loch Ø Panel hole size	Wandstärke Panel thick- ness	Innen Ø Inner Ø	Gesamt Ø Total Ø	Gesamthöhe Total height	Membran- dicke Membrane thickness	Material Material	
		A	B	Ø D1	Ø D2	H1	M		
1550	M 10	10,5	1 - 2,5	6,0	14,5	7,3	2,0	EB	
1551	M 12	12,5	1 - 2,5	8,0	17,5	7,3	2,0	EB	
1552	M 16	16,5	1 - 2,5	12,0	21,0	7,5	2,0	EB	
1553	M 20	20,5	1 - 2,5	15,5	26,0	7,7	2,5	EB	
1554	M 25	25,5	1 - 2,5	19,5	32,0	7,7	3,0	EB	
1555	M 32	32,5	1 - 2,5	24,5	39,0	7,5	3,0	EB	

Information:

EB = EPDM, schwarz

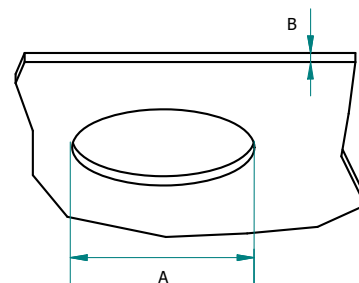
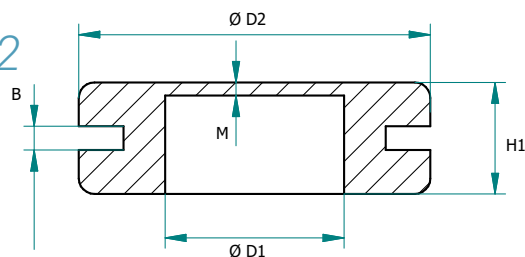
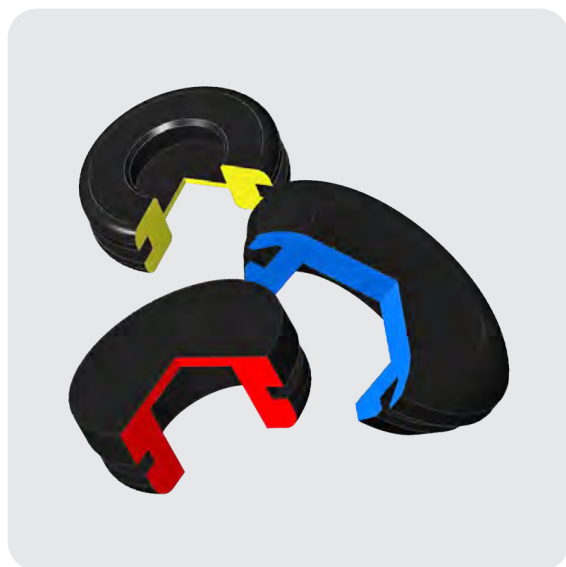
Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten**Information:**

EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

VERSCHLUSSTÜLLEN - FORM 2

SEALING (BLANKING) PLUG - SHAPE 2



Artikel Nr. Part no.	Nennmaß Nominal size	Loch Ø Panel hole size	Wandstärke Panel thick- ness	Innen Ø Inner Ø	Gesamt Ø Total Ø	Gesamthöhe Total height	Membran- dicke Membrane thickness	Material Material	
		A	B	Ø D1	Ø D2	H1	M		
1018	-	13,8	1,2	9,7	17,5	7,0	0,1	EB	
1052	-	10,0	3,0	5,9	13,0	7,2	0,9	EB	
1061	-	18,2	2,0	13,7	23,7	6,5	0,7	EB	
1070	-	16,0	2,8	12,0	21,0	6,6	1,4	EB	
1074	-	10,0	1,5	7,8	15,0	8,5	2,0	EB	

Information:

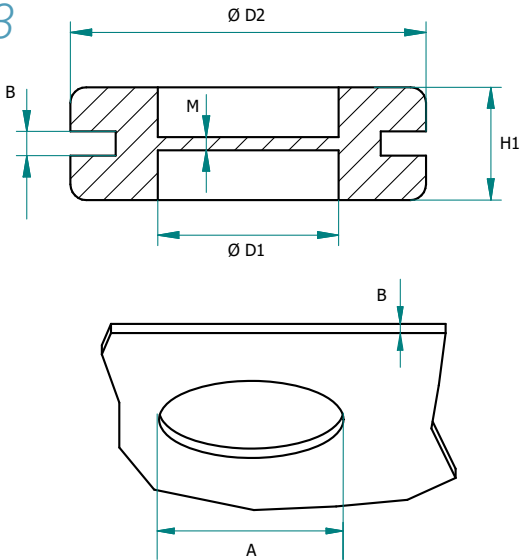
EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten**Information:**

EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted

VERSCHLUSSTÜLLEN - FORM 3
SEALING (BLANKING) PLUG - SHAPE 3



Artikel Nr. Part no.	Nennmaß Nominal size	Loch Ø Panel hole size	Wandstärke Panel thick- ness	Innen Ø Inner Ø	Gesamt Ø Total Ø	Gesamthöhe Total height	Membran- dicke Membrane thickness	Material Material	
		A	B	Ø D1	Ø D2	H1	M		
1032	-	13,7	2,0	8,8	18,8	7,0	1,0	EB	
1034	-	18,5	1,7	11,0	23,0	7,0	0,8	EB	
1042	-	13,0	2,7	9,0	20,8	9,0	0,8	EB	
1060	-	13,0	1,5	9,5	17,3	8,0	0,6	EB	

Information:

EB = EPDM, schwarz

Toleranzen nach (DIN ISO 3302, Teil 2 M2F)
Irrtum vorbehalten

Information:

EB = EPDM, black

General measuring tolerances (DIN ISO 3302, section 2 M2F)
Errors excepted





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