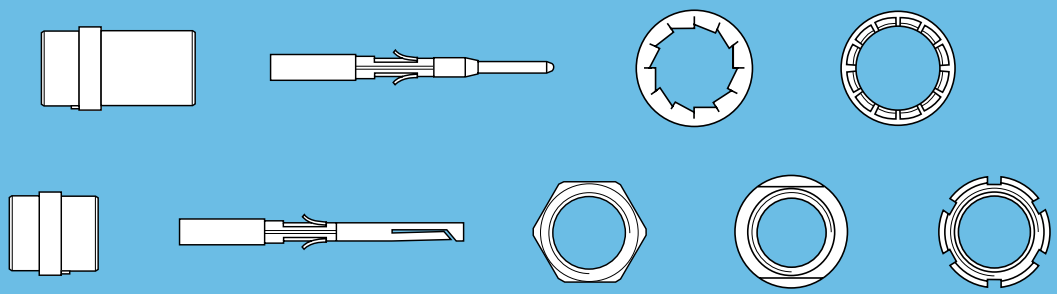


SPARE PARTS

Spare parts

male

female

FGG-EGG Insulators for crimp contacts

	Type	Insulator part number	
		Male contact	Female contact
00	302	FGG.00.302.YL	EGG.00.402.YL
	303	FGG.00.303.YL	EGG.00.403.YL
	304	FGG.00.304.YL	EGG.00.404.YL
0B 0K	302	FGG.0B.302.YL	EGG.0B.402.YL
	303	FGG.0B.303.YL	EGG.0B.403.YL
	304	FGG.0B.304.YL	EGG.0B.404.YL
	305	FGG.0B.305.YL	EGG.0B.405.YL
	306	FGG.0B.306.YL	–
	307	FGG.0B.307.YL	–
	309	FGG.0B.309.YL	–
1B 1K	302	FGG.1B.302.YL	EGG.1B.402.YL
	303	FGG.1B.303.YL	EGG.1B.403.YL
	304	FGG.1B.304.YL	EGG.1B.404.YL
	305	FGG.1B.305.YL	EGG.1B.405.YL
	306	FGG.1B.306.YL	EGG.1B.406.YL
	307	FGG.1B.307.YL	EGG.1B.407.YL
	308	FGG.1B.308.YL	EGG.1B.408.YL
	310	FGG.1B.310.YL	–
	314	FGG.1B.314.YL	–
	316	FGG.1B.316.YL	–
2B 2K	302	FGG.2B.302.YL	EGG.2B.402.YL
	303	FGG.2B.303.YL	EGG.2B.403.YL
	304	FGG.2B.304.YL	EGG.2B.404.YL
	305	FGG.2B.305.YL	EGG.2B.405.YL
	306	FGG.2B.306.YL	EGG.2B.406.YL
	307	FGG.2B.307.YL	EGG.2B.407.YL
	308	FGG.2B.308.YL	EGG.2B.408.YL
	310	FGG.2B.310.YL	EGG.2B.410.YL
	312	FGG.2B.312.YL	EGG.2B.412.YL
	314	FGG.2B.314.YL	EGG.2B.414.YL
	316	FGG.2B.316.YL	EGG.2B.416.YL
	318	FGG.2B.318.YL	EGG.2B.418.YL
	319	FGG.2B.319.YL	EGG.2B.419.YL
3B 3K	302	FGG.3B.302.YL	EGG.3B.402.YL
	303	FGG.3B.303.YL	EGG.3B.403.YL
	304	FGG.3B.304.YL	EGG.3B.404.YL
	305	FGG.3B.305.YL	EGG.3B.405.YL
	306	FGG.3B.306.YL	EGG.3B.406.YL
	307	FGG.3B.307.YL	EGG.3B.407.YL

	Type	Insulator part number	
		Male contact	Female contact
3B 3K	308	FGG.3B.308.YL	EGG.3B.408.YL
	309	FGG.3B.309.ML	EGG.3B.409.ML
	310	FGG.3B.310.YL	EGG.3B.410.YL
	312	FGG.3B.312.YL	EGG.3B.412.YL
	314	FGG.3B.314.YL	EGG.3B.414.YL
	316	FGG.3B.316.YL	EGG.3B.416.YL
	318	FGG.3B.318.YL	EGG.3B.418.YL
	320	FGG.3B.320.YL	EGG.3B.420.YL
	322	FGG.3B.322.YL	EGG.3B.422.YL
	324	FGG.3B.324.YL	EGG.3B.424.YL
	326	FGG.3B.326.YL	EGG.3B.426.YL
	330	FGG.3B.330.YL	EGG.3B.430.YL
4B 4K	304	FGG.4B.304.YL	EGG.4B.404.YL
	306	FGG.4B.306.YL	EGG.4B.406.YL
	307	FGG.4B.307.YL	EGG.4B.407.YL
	310	FGG.4B.310.YL	EGG.4B.410.YL
	312	FGG.4B.312.YL	EGG.4B.412.YL
	316	FGG.4B.316.YL	EGG.4B.416.YL
	320	FGG.4B.320.YL	EGG.4B.420.YL
	324	FGG.4B.324.YL	EGG.4B.424.YL
	330	FGG.4B.330.YL	EGG.4B.430.YL
	340	FGG.4B.340.YL	EGG.4B.440.YL
	348	FGG.4B.348.YL	EGG.4B.448.YL
5B 5K	304	FGG.5B.304.ML	EGG.5B.404.ML
	310	FGG.5B.310.YL	EGG.5B.410.YL
	314	FGG.5B.314.YL	EGG.5B.414.YL
	316	FGG.5B.316.YL	EGG.5B.416.YL
	320	FGG.5B.320.YL	EGG.5B.420.YL
	330	FGG.5B.330.YL	EGG.5B.430.YL
	340	FGG.5B.340.YL	EGG.5B.440.YL
	348	FGG.5B.348.YL	EGG.5B.448.YL
	350	FGG.5B.350.ML	EGG.5B.450.ML
	354	FGG.5B.354.YL	EGG.5B.454.YL
	364	FGG.5B.364.YL	EGG.5B.464.YL

Note: each insulator can be used both for crimp contacts of normal shape (fig. 1) or with reduced solder cups (fig. 2) as shown on page 131.

FGG-EGG Crimp contacts

Fig. 1

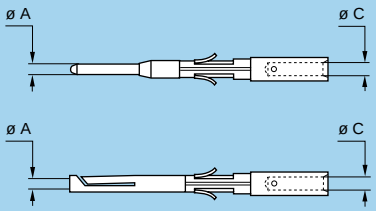
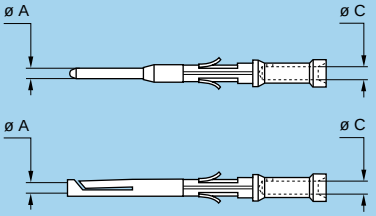
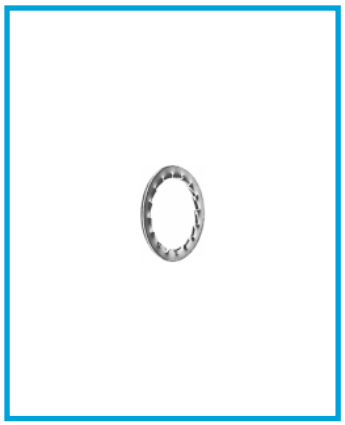


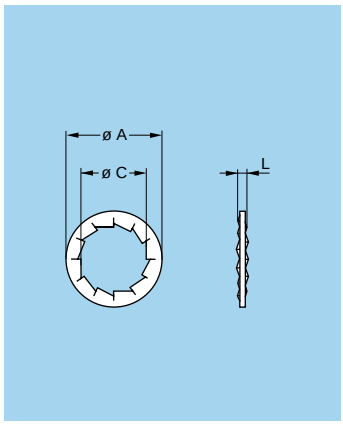
Fig. 2



	Types	ø A (mm)	ø C (mm)	Contact part number	
				Male	Female
00	302	0.5	0.45	FGG.00.554.ZZC	EGG.00.654.ZZM
	303	0.5	0.45	FGG.00.554.ZZC	EGG.00.654.ZZM
	304	0.5	0.45	FGG.00.554.ZZC	EGG.00.654.ZZM
0B 0K	302/303	0.9	1.10	FGG.0B.560.ZZC	EGG.0B.660.ZZM
	304/305	0.7	0.80	FGG.0B.555.ZZC	EGG.0B.655.ZZM
	306/307/309	0.5	0.45	FGG.0B.554.ZZC	–
0S	302	0.9	1.10	FGG.0B.560.ZZC	EGG.0B.660.ZZM
	304	0.7	0.80	FGG.0B.555.ZZC	EGG.0B.655.ZZM
1B 1K	302/303	1.3	1.40	FGG.1B.565.ZZC	EGG.1B.665.ZZM
	304/305	0.9	1.10	FGG.1B.560.ZZC	EGG.1B.660.ZZM
	306/307/308	0.7	0.80	FGG.1B.555.ZZC	EGG.1B.655.ZZM
	310/314/316	0.5	0.45	FGG.1B.554.ZZC	–
1S	302	1.3	1.40	FGG.1B.565.ZZC	EGG.1B.665.ZZM
	304	0.9	1.10	FGG.1B.560.ZZC	EGG.1B.660.ZZM
2B 2K	302	2.0	2.40	FGG.2B.575.ZZC	EGG.2B.675.ZZM
	303	1.6	1.90	FGG.2B.570.ZZC	EGG.2B.670.ZZM
	304/305	1.3	1.40	FGG.2B.565.ZZC	EGG.2B.665.ZZM
	306/307	1.3	1.40	FGG.2B.565.ZZC	EGG.2B.665.ZZM
	308/310	0.9	1.10	FGG.2B.560.ZZC	EGG.2B.660.ZZM
	312/314/316	0.7	0.80	FGG.2B.555.ZZC	EGG.2B.655.ZZM
	318/319	0.7	0.80	FGG.2B.555.ZZC	EGG.2B.655.ZZM
2S	306	1.3	1.40	FGG.2B.565.ZZC	EGG.2B.665.ZZM
3B 3K	302	3.0	2.90	FGG.3B.580.ZZC	EGG.3B.680.ZZM
	303/304/309	2.0	2.40	FGG.3B.575.ZZC	EGG.3B.675.ZZM
	305/306/307	1.6	1.90	FGG.3B.570.ZZC	EGG.3B.670.ZZM
	308/309/310	1.3	1.40	FGG.3B.565.ZZC	EGG.3B.665.ZZM
	312/314	0.9	1.10	FGG.3B.560.ZZC	EGG.3B.660.ZZM
	316/318	0.9	1.10	FGG.3B.560.ZZC	EGG.3B.660.ZZM
	320/322/324	0.7	0.80	FGG.3B.555.ZZC	EGG.3B.655.ZZM
	326/330	0.7	0.80	FGG.3B.555.ZZC	EGG.3B.655.ZZM
4B 4K	304	3.0	2.90	FGG.4B.580.ZZC	EGG.4B.680.ZZM
	306/307	2.0	2.40	FGG.4B.575.ZZC	EGG.4B.675.ZZM
	310	1.6	1.90	FGG.4B.570.ZZC	EGG.4B.670.ZZM
	312	1.3	1.40	FGG.4B.565.ZZC	EGG.4B.665.ZZM
	316/320	0.9	1.10	FGG.4B.560.ZZC	EGG.4B.660.ZZM
	324/330	0.9	1.10	FGG.4B.560.ZZC	EGG.4B.660.ZZM
	340/348	0.7	0.80	FGG.4B.555.ZZC	EGG.4B.655.ZZM
5B 5K	304	4.0	4.00	FGG.5B.582.ZZC	EGG.5B.682.ZZM
	310	3.0	2.90	FGG.5B.580.ZZC	EGG.5B.680.ZZM
	314/316	2.0	2.40	FGG.5B.575.ZZC	EGG.5B.675.ZZM
	320	1.6	1.90	FGG.5B.570.ZZC	EGG.5B.670.ZZM
	330/340/348	1.3	1.40	FGG.5B.565.ZZC	EGG.5B.665.ZZM
	350/354/364	0.9	1.10	FGG.5B.560.ZZC	EGG.5B.660.ZZM

	Types	ø A (mm)	ø C (mm)	Contact part number	
				Male	Female
0B 0K	302/303	0.9	0.80	FGG.0B.561.ZZC	EGG.0B.661.ZZM
	302/303	0.9	0.45	FGG.0B.562.ZZC	EGG.0B.662.ZZM
	304/305	0.7	0.45	FGG.0B.556.ZZC	EGG.0B.656.ZZM
0S	302	0.9	0.80	FGG.0B.561.ZZC	EGG.0B.661.ZZM
	302	0.9	0.45	FGG.0B.562.ZZC	EGG.0B.662.ZZM
	304	0.7	0.45	FGG.0B.556.ZZC	EGG.0B.656.ZZM
1B 1K	302/303	1.3	1.10	FGG.1B.566.ZZC	EGG.1B.666.ZZM
	304/305	0.9	0.80	FGG.1B.561.ZZC	EGG.1B.661.ZZM
	306/307/308	0.7	0.45	FGG.1B.556.ZZC	EGG.1B.656.ZZM
1S	302	1.3	1.10	FGG.1B.566.ZZC	EGG.1B.666.ZZM
	304	0.9	0.80	FGG.1B.561.ZZC	EGG.1B.661.ZZM
2B 2K	302	2.0	1.90	FGG.2B.576.ZZC	EGG.2B.676.ZZM
	303	1.6	1.40	FGG.2B.571.ZZC	EGG.2B.671.ZZM
	304/305	1.3	1.10	FGG.2B.566.ZZC	EGG.2B.666.ZZM
	306/307	1.3	1.10	FGG.2B.566.ZZC	EGG.2B.666.ZZM
	304/305	1.3	0.80	FGG.2B.567.ZZC	EGG.2B.667.ZZM
	306/307	1.3	0.80	FGG.2B.567.ZZC	EGG.2B.667.ZZM
	308/310	0.9	0.80	FGG.2B.561.ZZC	EGG.2B.661.ZZM
	308/310	0.9	0.45	FGG.2B.562.ZZC	EGG.2B.662.ZZM
	312/314/316	0.7	0.45	FGG.2B.556.ZZC	EGG.2B.656.ZZM
	318/319	0.7	0.45	FGG.2B.556.ZZC	EGG.2B.656.ZZM
2S	306	1.3	1.10	FGG.2B.566.ZZC	EGG.2B.666.ZZM
	306	1.3	0.80	FGG.2B.567.ZZC	EGG.2B.667.ZZM
3B 3K	303/304/309	2.0	1.90	FGG.3B.576.ZZC	EGG.3B.676.ZZM
	305/306/307	1.6	1.40	FGG.3B.571.ZZC	EGG.3B.671.ZZM
	308/309/310	1.3	1.10	FGG.3B.566.ZZC	EGG.3B.666.ZZM
	312/314	0.9	0.80	FGG.3B.561.ZZC	EGG.3B.661.ZZM
	316/318	0.9	0.80	FGG.3B.561.ZZC	EGG.3B.661.ZZM
	320/322/324	0.7	0.45	FGG.3B.556.ZZC	EGG.3B.656.ZZM
	326/330	0.7	0.45	FGG.3B.556.ZZC	EGG.3B.656.ZZM
4B 4K	306/307	2.0	1.90	FGG.4B.576.ZZC	EGG.4B.676.ZZM
	310	1.6	1.40	FGG.4B.571.ZZC	EGG.4B.671.ZZM
	312	1.3	1.10	FGG.4B.566.ZZC	EGG.4B.666.ZZM
	316/320	0.9	0.80	FGG.4B.561.ZZC	EGG.4B.661.ZZM
	324/330	0.9	0.80	FGG.4B.561.ZZC	EGG.4B.661.ZZM
	340/348	0.7	0.45	FGG.4B.556.ZZC	EGG.4B.656.ZZM
5B 5K	314/316	2.0	1.90	FGG.5B.576.ZZC	EGG.5B.676.ZZM
	320	1.6	1.40	FGG.5B.571.ZZC	EGG.5B.671.ZZM
	330/340/348	1.3	0.80	FGG.5B.567.ZZC	EGG.5B.667.ZZM
	350/354/364	0.9	0.80	FGG.5B.561.ZZC	EGG.5B.661.ZZM



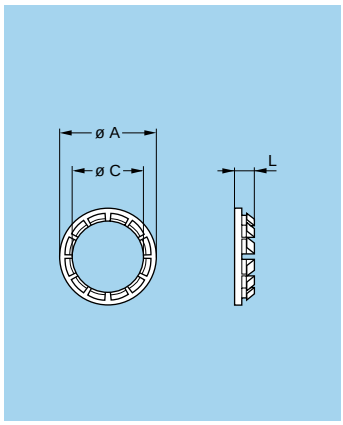


GBA Locking washers

Part number	Series	Dimensions (mm)		
		A	C	L
GBA.00.250.FN	00	9.5	7.1	1.0
GBA.0S.250.FN	0S-0B	12.5	9.1	1.0
GBA.1S.250.FN	1S-1B 1D	16.0	12.1	1.0
GBA.1E.250.FN	1E-1K	21.8	16.1	1.2
GBA.2S.250.FN	2S-2B 2C-2G	19.5	15.1	1.2
GBA.3S.250.FN	3S-3B	25.0	18.1	1.4
GBA.4S.250.FN	4S-4B	32.0	25.1	1.4

- Material: Nickel-plated bronze (3 µm)

Note: to order this accessory separately, use the above part numbers.

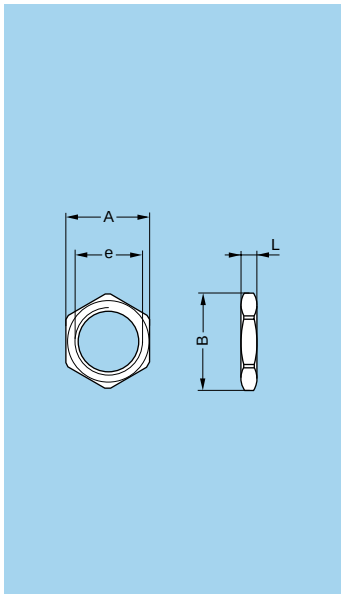


GBB Tapered washers

Part number	Series	Dimensions (mm)		
		A	C	L
GBB.00.250.LN	00	9	7.1	2.0
GBB.0S.250.LN	0S-0B	11	9.1	2.5
GBB.1S.250.LN	1S-1B	15	12.1	3.5
GBB.2S.250.LN	2S-2B 2C-2G	18	15.1	4.0
GBB.3S.250.LN	3S-3B	22	18.1	4.5
GBB.4S.250.LN	4S-4B	28	25.2	5.0
GBB.5S.250.LN	5S-5B	40	35.2	7.5

- Material: Nickel-plated brass (3 µm)

Note: sockets of series 5B and 5S are always supplied with a tapered washer. To order this accessory separately, use the above part numbers.

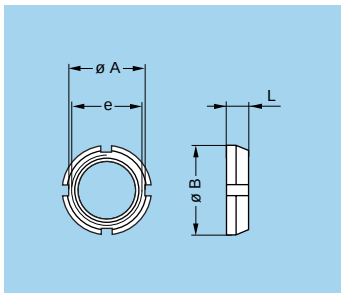


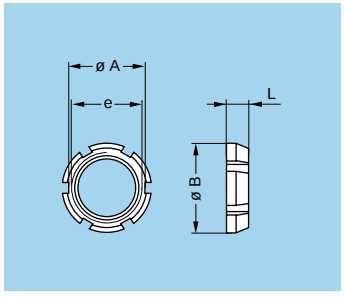
GEA Hexagonal nuts

Part number	Series	Dimensions (mm)			
		A	B	e	L
GEA.00.240.LN	00	9	10.2	M7 x 0.50	2.0
GEA.0S.240.LN	0S-0B	11	12.4	M 9 x 0.60	2.0
GEA.0S.241.LN	0S-0B	12	13.8	M10 x 0.75	2.5
GEA.0E.240.LN	0E-0K-0L 1S-1B	17	19.2	M14 x 1.00	2.5
GEA.1S.240.LN	1S-1B-1D	14	15.8	M12 x 1.00	2.5
GEA.1E.240.LN	1E-1K-1L 2S-2B	19	21.5	M16 x 1.00	3.0
GEA.2S.240.LN	2S-2B	17	19.2	M15 x 1.00	2.7
GEA.2E.240.LN	2E-2K-2L	24	27.0	M20 x 1.00	4.0
GEA.3S.240.LN	3S-3B	22	25.0	M18 x 1.00	3.0
GEA.3E.240.LN	3E-3K	30	34.0	M24 x 1.00	5.0
GEA.4S.240.LN	4S-4B	30	34.0	M25 x 1.00	5.0
GEA.4E.240.LN	4E-4K	36	40.5	M30 x 1.00	7.0

- Material:
  – Nickel-plated brass (3 µm)
  – Natural anodized aluminium alloy
  – Stainless steel

Note: to order this part separately, use the above part numbers. The last letters «LN» of the part number refer to the nut material and treatment. If a nut in aluminium alloy or stainless steel is desired, replace the last letters of the part number by «PT» or «AZ» respectively.



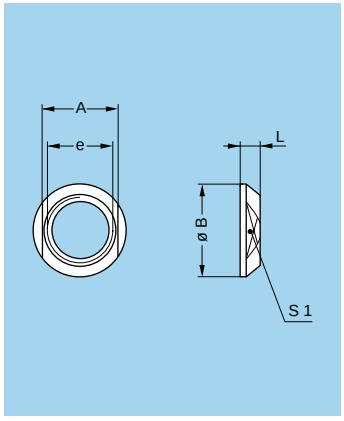


GEG Notched nut

Part number	Model	Dimensions (mm)			
		A	B	e	L
GEG.00.240.LC	1	8.6	10	M7 x 0.5	2.5
GEG.0S.240.LC	1	10.5	12	M9 x 0.6	2.5
GEG.0E.240.LC	1	15.8	18	M14 x 1.0	3.5
GEG.1S.240.LC	1	14.0	16	M12 x 1.0	3.5
GEG.1E.240.LC	2	17.5	20	M16 x 1.0	3.5
GEG.1S.242.LC	1	12.1	14	M11 x 0.5	3.5
GEG.2S.240.LC	2	17.5	20	M15 x 1.0	3.5
GEG.2S.241.LC	2	20.5	24	M19 x 1.0	3.5
GEG.2E.240.LC	2	22.5	25	M20 x 1.0	3.5

- Material: Chrome-plated brass (Ni 3 µm + Cr 0.3 µm)

Note: 00, 0B, 0S, 1B, 1S, 2B and 2S series fixed and free sockets for back panel mounting are always delivered with this notched nut.
To order this accessory separately, use the above part numbers.

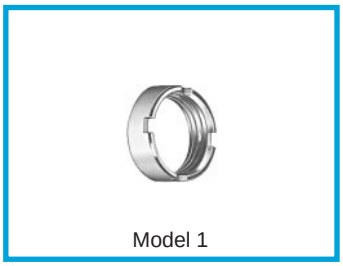


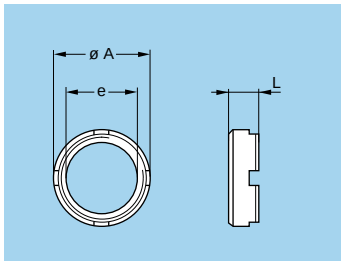
GEC Conical nuts

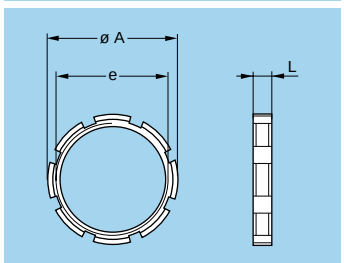
Part number	Dimensions (mm)				
	A	B	e	L	S1
GEC.00.240.LC	8	10.0	M7 x 0.5	2.5	8
GEC.0S.240.LC	10	12.0	M9 x 0.6	2.5	10
GEC.0E.240.LC	16	18.0	M14 x 1.0	3.0	16
GEC.1S.240.LC	13	16.0	M12 x 1.0	3.2	13
GEC.1S.241.LC	17	20.0	M16 x 1.0	4.0	17
GEC.1S.242.LC	12	14.0	M11 x 0.5	3.2	12
GEC.2S.240.LC	17	20.0	M15 x 1.0	3.8	17
GEC.2S.241.LC	20	24.0	M19 x 1.0	5.8	20
GEC.2E.240.LC	22	25.0	M20 x 1.0	5.0	22
GEC.3S.240.LC	20	24.0	M18 x 1.0	4.5	20
GEC.3E.240.LC	27	30.0	M24 x 1.0	4.5	27
GEC.4S.240.LC	27	30.0	M25 x 1.0	4.5	27
GEC.4K.241.LC	32	35.5	M30 x 1.0	5.0	32
GEC.5S.240.LC	37	41.0	M35 x 1.0	5.0	37

- Material: Chrome-plated brass (Ni 3 µm + Cr 0.3 µm)

Note: 3B, 3K, 3S, 3E, 4B, 4K, 4S, 4E, 5B, 5K, 5S, 5E, 6S and 6E series fixed and free sockets for back panel mounting are always delivered with a conical nut. To order this accessory separately, use the part numbers in the adjacent table.





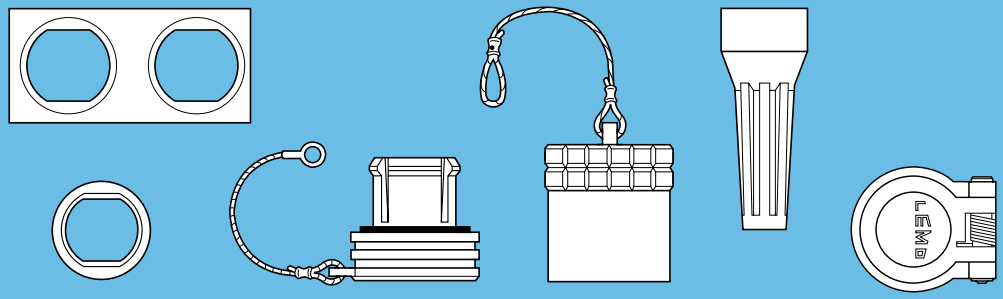


GEB Round nuts

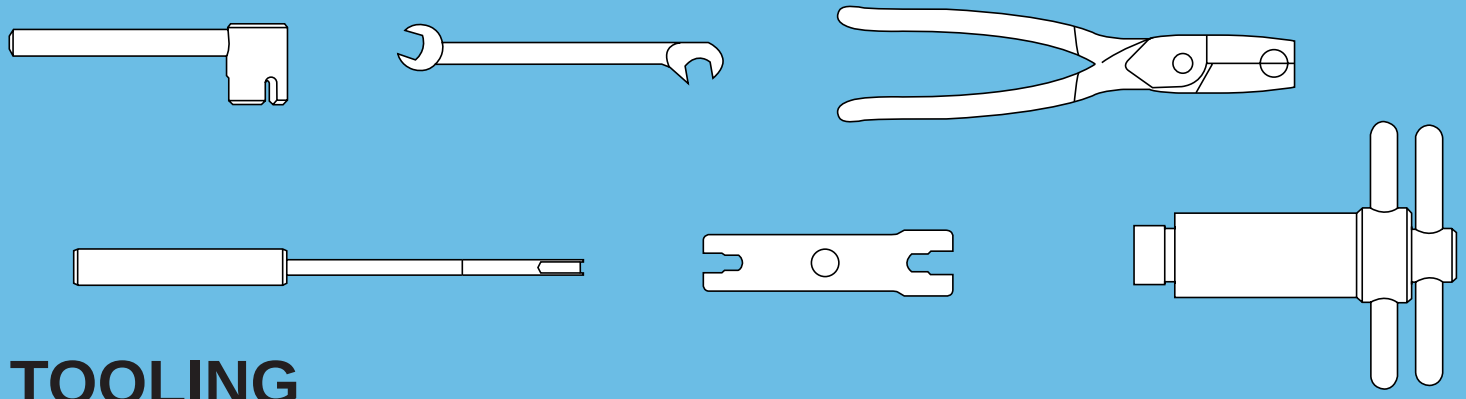
Part number	Model	Dimensions (mm)		
		A	e	L
GEB.00.240.LN	1	9.0	M7 x 0.50	4.0
GEB.0S.240.LN	1	11.0	M9 x 0.60	4.0
GEB.0E.240.LN	1	18.0	M14 x 1.00	5.0
GEB.1S.240.LN	1	14.0	M12 x 1.00	5.0
GEB.1E.240.LN	1	20.0	M16 x 1.00	5.0
GEB.2S.240.LN	1	18.0	M15 x 1.00	5.5
GEB.2B.240.LN	2	17.5	M15 x 0.75	2.5
GEB.3S.240.LN	1	22.0	M18 x 1.00	5.5
GEB.4S.240.LN	1	28.0	M25 x 1.00	6.0
GEB.5S.240.LN	2	40.0	M35 x 1.00	8.0
GEB.5E.240.LN	2	54.0	M45 x 1.50	8.0
GEB.6S.241.LN	2	54.0	M48 x 1.50	8.0
GEB.6E.240.LN	2	65.0	M55 x 2.00	9.0

- Material: Nickel-plated brass (3 µm)

Note: 5B, 5K, 5S, 5E, 6S and 6E series sockets are always supplied with model 2 round nuts. To order this accessory separately, use the part numbers in the adjacent table.

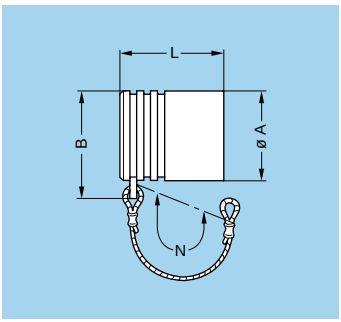


ACCESSORIES

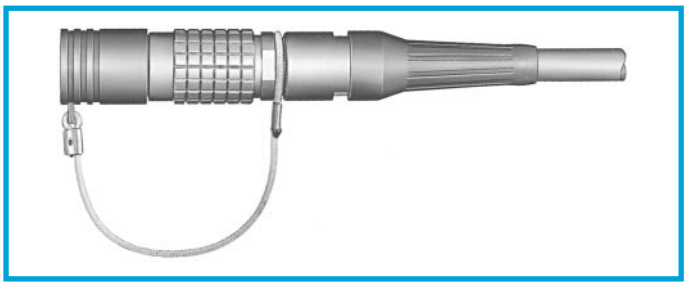


TOOLING

Accessories



- Body material: Polyoxymethylene (POM) grey (or black)
- Cord material: Polyamide 6, grey (or black)
- Gasket material: Silicone rubber
- Maximum operating temperature: 100°C
- Watertightness: IP61 according to IEC 60529



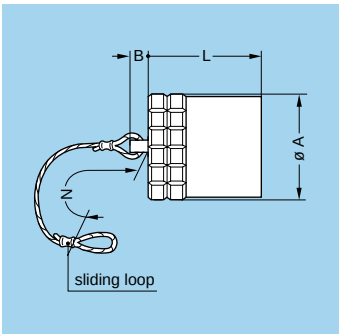
BFG Plug caps

Part number	Series	Dimensions (mm)			
		A	B	L	N
BFG.00.100 PCSG	00	7.5	9.8	10.0	60
BFG.0B.100.PCSG	0S-0B	9.5	12.0	12.2	85
BFG.1B.100.PCSG	1S-1B 1D	12.0	15.0	13.8	85
BFG.2B.100.PCSG	2S-2B	15.0	18.0	15.0	85
BFG.3B.100.PCSG	3S-3B	18.5	22.0	18.5	95

Note: this cap is available only with an alignment key (G). Upon request this cap can be supplied in black and the last letter «G» of the part number should be replaced with «N».

Fitting the cord

Slide the plug into the loop of the cord.
Place the loop into the groove in front of the collet nut and tighten the loop.

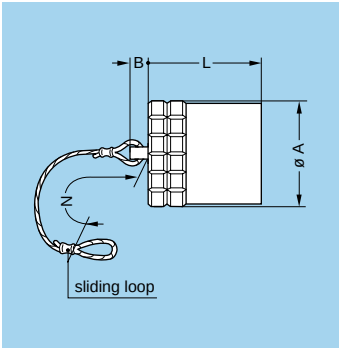


- Body material: Nickel-plated brass (Ni 3µm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- O-ring material: Silicone rubber or FPM
- Maximum operating temperature: 135°C
- Watertightness: IP68 according to IEC 60529 for E series

BFA Plug caps

Part number	Series	Dimensions (mm)			
		A	B	L	N
BFA.0E.100.NAS	0E	14.0	6	12.5	85
BFA.1E.100.NAS	1E	16.0	6	15.5	85
BFA.2E.100.NAS	2E	19.5	6	17.5	85
BFA.3E.100.NAS	3E	23.0	6	22.0	120
BFA.4E.100.NAS	4E	29.0	10	22.5	120
BFA.4S.100.NAS	4S	25.0	10	22.2	120
BFA.5E.100.NAS	5E	44.0	10	27.0	150
BFA.5S.100.NAS	5S	36.0	10	30.2	150
BFA.6S.100.NAS	6S	46.0	10	33.0	150

Note: the last letter «S» of the part number stands for the material of the O-ring (silicone rubber). O-ring's made from FPM are also available; if required, replace the letter «S» by «V».

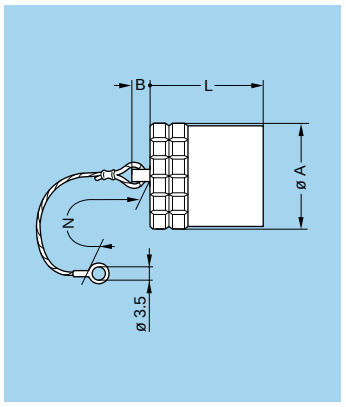


- Body material: Nickel-plated brass (Ni 3µm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- O-ring material: Silicone rubber or FPM
- Maximum operating temperature: 135°C
- Watertightness: IP68 according to IEC 60529 for E and K series

BFG Plug caps with key (G)

Part number	Series	Dimensions (mm)			
		A	B	L	N
BFG.0K.100.NAS	0K-0L	14.0	6	12.5	85
BFG.1K.100.NAS	1K-1L	16.0	6	15.5	85
BFG.2K.100.NAS	2K-2L	19.5	6	17.5	85
BFG.3K.100.NAS	3K	23.0	6	22.0	120
BFG.4B.100.NAS	4B	25.0	10	20.2	120
BFG.4K.100.NAS	4K	29.0	10	22.5	120
BFG.5B.100.NAS	5B	36.0	10	27.2	150
BFG.5K.100.NAS	5K	44.0	10	27.0	150
BFG.6E.100.NAS	6E	54.0	10	31.0	150

Note: this cap is available only with an alignment key (G). The last letter «S» of the part number stands for the material of the O-ring (silicone rubber). O-ring's made from FPM are also available; if required, replace the letter «S» by «V».

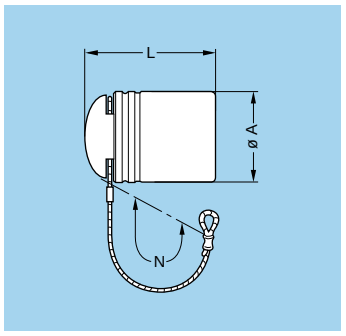


BHG Plug caps, nut fixing or flange

Part number	Series	Dimensions (mm)			
		A	B	L	N
BHG.0K.100.NAS	0K-0L	14.0	6	12.5	85
BHG.1K.100.NAS	1K-1L	16.0	6	15.5	85
BHG.2K.100.NAS	2K-2L	19.5	6	17.5	85
BHG.3K.100.NAS	3K	23.0	6	22.0	120
BHG.4B.100.NAS	4B	25.0	10	20.2	120
BHG.4K.100.NAS	4K	29.0	10	22.5	120
BHG.5B.100.NAS	5B	36.0	10	27.2	150
BHG.5K.100.NAS	5K	44.0	10	27.0	150
BHG.6E.100.NAS	6E	54.0	10	31.0	150

- Body material: Nickel-plated brass (Ni 3µm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- O-ring material: Silicone rubber or FPM
- Maximum operating temperature: 135°C
- Watertightness: IP68 according to IEC 60529 for E and K series

Note: this cap is available only with an alignment key (G). The last letter «S» of the part number stands for the material of the O-ring (silicone rubber). O-ring's made from FPM are also available; if required, replace the letter «S» by «V».

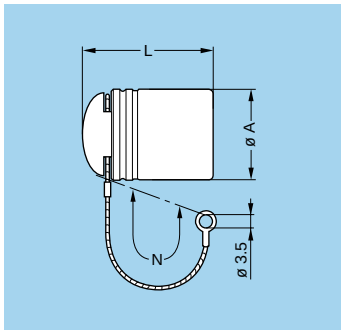


BFG Plug cap

Part number	Series	Dimensions (mm)		
		A	L	N
BFG.3K.100.EAN	3K	24	30	155

- Material: black EPDM
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin

Note: These caps are suitable for use with any alignment key configuration.

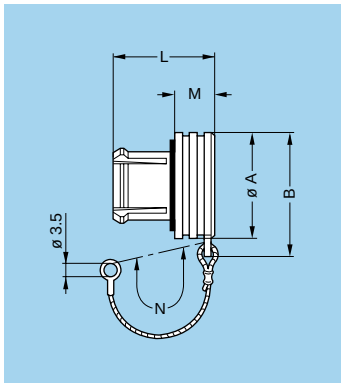


BHA Plug cap

Part number	Series	Dimensions (mm)		
		A	L	N
BHA.3K.100.EAN	3K	24	30	120

- Material: black EPDM
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin

Note: These caps are suitable for use with any alignment key configuration.

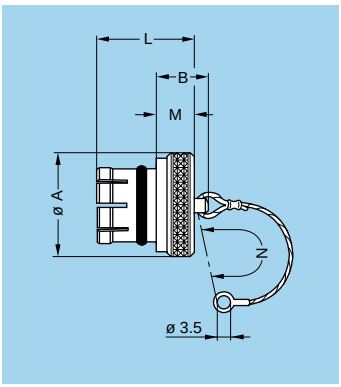


BRA Blanking caps for fixed sockets and free straight sockets

Part number	Series	Dimensions (mm)				
		A	B	L	M	N
BRA.00.200.PCSG	00	7.5	9.8	9.0	3.5	60
BRA.0B.200.PCSG	0S-0B	10.0	12.5	11.0	4.8	60
BRA.1B.200.PCSG	1S-1B 1D	14.0	17.0	13.5	5.6	60
BRA.2B.200.PCSG	2S-2B 2C-2G	18.0	21.0	14.5	6.0	60
BRA.3B.200.PCSG	3S-3B	22.0	25.5	17.0	7.0	60

- Body material: Polyoxymethylene (POM) grey (or black)
- Cord material: Polyamide 6, grey (or black)
- Gasket material: Silicone rubber
- Maximum operating temperature: 100°C
- Watertightness: IP61 according to IEC 60529

Note: these caps are suitable for use with any alignment key configuration. On request this cap can be supplied in black. If so, replace the last letter «G» of the part number by «N».

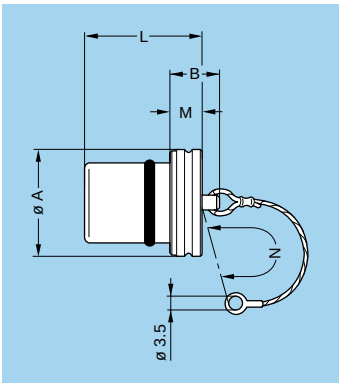


- Body material: Nickel-plated brass (Ni 3 µm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- O-ring material: Silicone rubber or FPM
- Maximum operating temperature: 135°C
- Watertightness: IP61 according to IEC 60529 for S series

BRE Blanking caps for fixed and free sockets

Part number	Series	Dimensions (mm)				
		A	B	L	M	N
BRE.00.200.NAS	00	8	7.5	8.8	3.5	60
BRE.0S.200.NAS	0S-0B	10	9.5	10.5	4.5	85
BRE.1S.200.NAS	1S-1B 1D	14	11.0	12.5	5.0	85
BRE.2S.200.NAS	2S-2B	18	12.0	14.0	6.0	85
BRE.3S.200.NAS	3S-3B	22	14.0	18.0	8.0	120
BRE.4S.200.NAS	4S-4B	28	20.0	23.0	10.0	120
BRE.5S.200.NAS	5S-5B	40	22.0	30.0	12.0	150
BRE.6S.200.NAS	6S	54	22.0	30.0	12.0	150
BRE.6E.200.NAS	6E	57	24.0	31.5	14.0	150

Note: these caps are suitable for use with any alignment key configuration. The last letter «S» of the part number stands for the O-ring material (silicone rubber). O-ring's made from FPM are also available; if required, replace the letter «S» by «V».

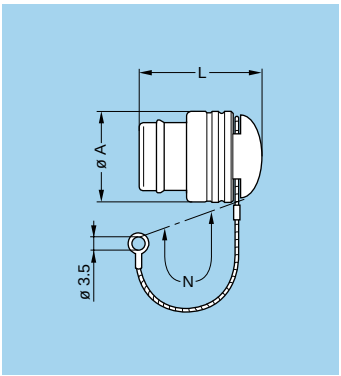


- Body material: Nickel-plated brass (Ni 3 µm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- O-ring material: Silicone rubber or FPM
- Maximum operating temperature: 135°C
- Watertightness: IP68 according to IEC 60529

BRE Blanking caps for fixed and free sockets

Part number	Series	Dimensions (mm)				
		A	B	L	M	N
BRE.0K.200.NAS	0K-0E-0L	15.0	10	15.0	4	85
BRE.1K.200.NAS	1K-1E-1L	17.0	12	20.0	6	85
BRE.2K.200.NAS	2K-2E-2L	20.5	14	24.0	8	85
BRE.3K.200.NAS	3K-3E	24.0	14	28.0	8	120
BRE.4K.200.NAS	4K-4E	30.0	20	30.5	10	120
BRE.5K.200.NAS	5K-5E	44.0	22	37.0	12	150

Note: these caps are suitable for use with any alignment key configuration. The last letter «S» of the part number stands for the O-ring material (silicone rubber). O-ring's made from FPM are also available; if required, replace the letter «S» by «V».

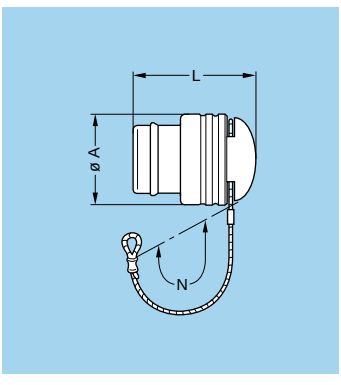


BRA Blanking caps for free sockets

Part number	Series	Dimensions (mm)		
		A	L	N
BRA.3K.200.EAN	3K	24	26	120

- Material: black EPDM
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin

Note: These caps are suitable for use with any alignment key configuration.

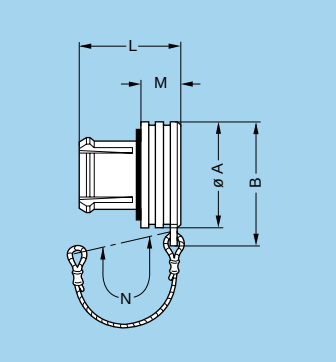


BRF Blanking caps for free sockets

Part number	Series	Dimensions (mm)		
		A	L	N
BRF.3K.200.EAN	3K	24	26	155

- Material: black EPDM
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin

Note: These caps are suitable for use with any alignment key configuration.

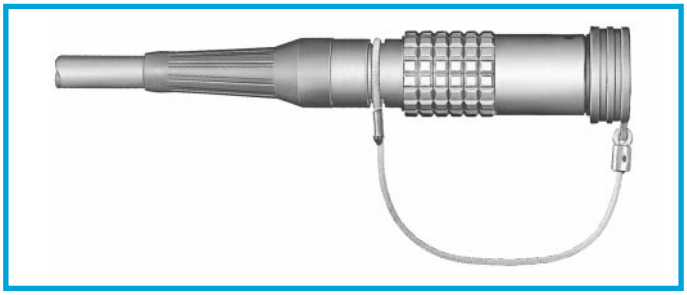


BRD Blanking caps for free sockets

Part number	Series	Dimensions (mm)				
		A	B	L	M	N
BRD.00.200.PCSG	00	7.5	9.8	9.0	3.5	85
BRD.0B.200.PCSG	0S-0B	10.0	12.5	11.0	4.8	85
BRD.1B.200.PCSG	1S-1B 1D	14.0	17.0	13.5	5.6	85
BRD.2B.200.PCSG	2S-2B	18.0	21.0	14.5	6.0	85
BRD.3B.200.PCSG	3S-3B	22.0	25.5	17.0	7.0	95

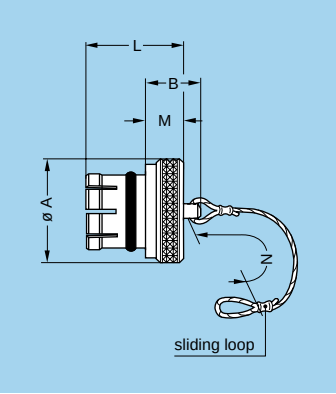
- Body material: Polyoxymethylene (POM) grey (or black)
- Cord material: Polyamide 6, grey (or black)
- Gasket material: Silicone rubber
- Maximum operating temperature: 100°C
- Watertightness: IP61 according to IEC 60529

Note: on request this cap is available in black. If required, replace the last letter «G» of the part number by «N».



Fitting the cord

Slide the socket into the loop of the cord.
Place the loop into the groove in front of the collet nut.
Tighten the loop.

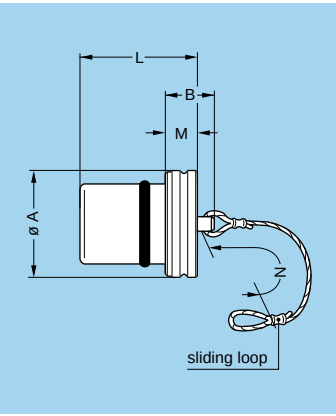


BRF Blanking caps for free sockets

Part number	Series	Dimensions (mm)				
		A	B	L	M	N
BRF.00.200.NAS	00	8	7.5	8.8	3.5	85
BRF.0S.200.NAS	0S-0B	10	9.5	10.5	4.5	85
BRF.1S.200.NAS	1S-1B 1D	14	11.0	12.5	5.0	85
BRF.2S.200.NAS	2S-2B	18	12.0	14.0	6.0	85
BRF.3S.200.NAS	3S-3B	22	14.0	18.0	8.0	120
BRF.4S.200.NAS	4S-4B	28	20.0	23.0	10.0	120
BRF.5S.200.NAS	5S-5B	40	22.0	30.0	12.0	150
BRF.6S.200.NAS	6S	54	22.0	30.0	12.0	150

- Body material: Nickel-plated brass (Ni 3 µm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- O-ring material: Silicone rubber or FPM
- Maximum operating temperature: 135°C
- Watertightness: IP61 according to IEC 60529 for S series

Note: these caps are suitable for use with any alignment key configuration. The last letter «S» of the part number stands for the O-ring material (silicone rubber). O-ring's made from FPM are also available; if required, replace the letter «S» by «V».

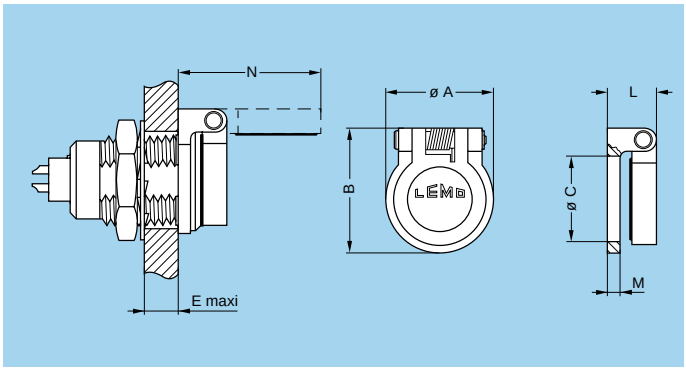


BRF Blanking caps for free sockets

Part number	Series	Dimensions (mm)				
		A	B	L	M	N
BRF.0K.200.NAS	0K-0E-0L	15.0	10	15.0	4	85
BRF.1K.200.NAS	1K-1E-1L	17.0	12	20.0	6	85
BRF.2K.200.NAS	2K-2E-2L	20.5	14	24.0	8	85
BRF.3K.200.NAS	3K-3E	24.0	14	28.0	8	120
BRF.4K.200.NAS	4K-4E	30.0	20	30.5	10	120
BRF.5K.200.NAS	5K-5E	44.0	22	37.0	12	150

Note: these caps are suitable for use with any alignment key configuration. The last letter «S» of the part number stands for the O-ring material (silicone rubber). O-ring's made from FPM are also available; if required, replace the letter «S» by «V».

- Body material: Nickel-plated brass (Ni 3 µm)
- Lanyard material: Stainless steel
- Crimp ferrule material: Nickel-plated brass + polyolefin
- O-ring material: Silicone rubber or FPM
- Maximum operating temperature: 135°C
- Watertightness: IP68 according to IEC 60529

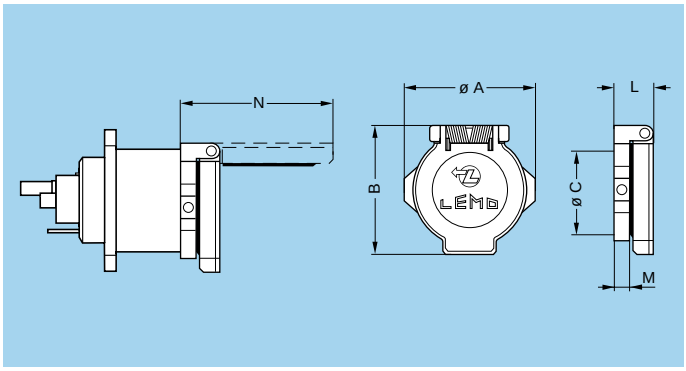


BRR Spring loaded dust caps for ERA, ERN and EG● sockets or PSA and PK● fixed sockets

Part number	Series	Dimensions (mm)						
		A	B	C	E	L	M	N
BRR.0S.200.PZSG	0S-0B	11.0	13.3	9.0	5.8	5.0	1.2	15.3
BRR.1S.200.PZSG	1S-1B 1D	14.2	17.1	12.0	6.0	6.3	1.5	20.3
BRR.2S.200.PZSG	2S-2B 2C-2G	18.6	22.4	15.2	6.5	8.2	2.0	26.2
BRR.3S.200.PZSG	3S-3B	22.5	26.5	18.2	9.0	8.8	2.5	30.8

Note: On request, this cap is available in black. If so replace the last letter «G» of the part number by «N».

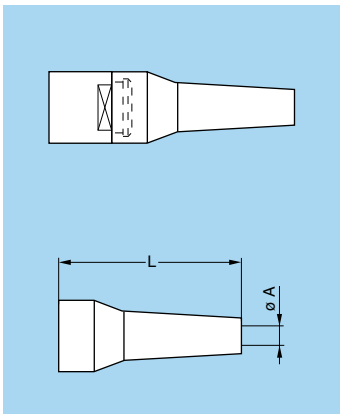
- Body material: Polyoxymethylene (POM) grey (or black)
- Gasket material: Silicone rubber
- Spring material: Stainless steel
- Axes material: Nickel-plated brass
- Maximum operating temperature: 100°C
- Watertightness: IP61 according to IEC 60529



BRR Spring loaded dust cap for ED● and EB● fixed sockets

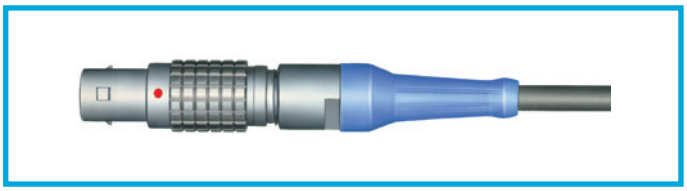
Part number	Series	Dimensions (mm)					
		A	B	C	L	M	N
BRR.3K.200.PZSG	3K	29	29	23	8.1	3	33.2

- Cap material: Polyoxymethylene (POM) grey
- Body material: Nickel-plated brass
- Gasket material: Silicone rubber
- Spring material: Stainless steel
- Axes material: Nickel-plated brass
- Maximum operating temperature: 100°C
- Watertightness: IP61 according to IEC 60529



GM● Bend relief (Polyurethane)

A bend relief made from thermoplastic polyurethane elastomer (Desmopan 786) can be fitted over LEMO plugs and sockets that are supplied with nut for fitting such bend relief. They are available in nine different colours that match with the GRA insulating washers (see page 144).
Use the part numbers shown below to order this accessory separately.

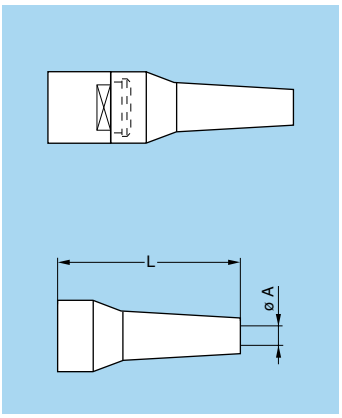


Main characteristics

- Material: Polyurethane elastomer
- Temperature range in dry atmosphere: -40°C +80°C

Part number	Dimensions (mm)				Series	Part number of nut for fitting the bend relief	Note
	Bend relief		Cable ø				
	A	L	max.	min.			
GMA.00.012.DG	1.2	22	1.4	1.1	00	FFM.00.130.LC 1) FFM.00.131.LC 2)	1) For unipole connectors 2) For multipole connectors The «GMD» are thin bend reliefs (for very flexible cables)
GMA.00.018.DG	1.8	22	2.1	1.8			
GMB.00.025.DG	2.5	22	2.8	2.5			
GMB.00.028.DG	2.8	22	3.1	2.8			
GMB.00.032.DG	3.2	22	3.5	3.2			
GMD.00.025.DG	2.5	22	2.8	2.5			
GMD.00.028.DG	2.8	22	3.1	2.8			
GMD.00.032.DG	3.2	22	3.5	3.2			
GMA.0B.025.DG	2.5	24	2.9	2.5	0B	FFM.0B.130.LC FFM.2B.132.LC 1)	1) For use only with connectors from series 2B equipped with cable fixing type M and where a bend relief from series 0B is used.
GMA.0B.030.DG	3.0	24	3.4	3.0			
GMA.0B.035.DG	3.5	24	3.9	3.5	0S	FFM.0S.130.LC	
GMA.0B.040.DG	4.0	24	4.4	4.0			
GMA.0B.045.DG	4.5	24	5.2	4.5	0E-0K-0L	FFM.0E.130.LC	
GMA.1B.025.DG	2.5	30	2.9	2.5	1B-1D	FFM.1B.130.LC FFM.3B.131.LC 1)	1) For use only with connectors from series 3B equipped with cable fixing type M and where a bend relief from series 1B is used.
GMA.1B.030.DG	3.0	30	3.4	3.0			
GMA.1B.035.DG	3.5	30	3.9	3.5	1S	FFM.1S.130.LC	
GMA.1B.040.DG	4.0	30	4.4	4.0			
GMA.1B.045.DG	4.5	30	4.9	4.5			
GMA.1B.054.DG	5.4	30	6.0	5.4	1E-1K-1L	FFM.1E.130.LC	
GMA.1B.065.DG	6.5	30	7.0	6.5			
GMA.2B.040.DG	4.0	36	4.5	4.0	2B	FFM.2B.130.LC FFM.4K.132.LC 1)	1) For use only with connectors from series 4B equipped with cable fixing type M and where a bend relief from series 2B is used.
GMA.2B.045.DG	4.5	36	5.0	4.5			
GMA.2B.050.DG	5.0	36	5.5	5.0	2S	FFM.2S.130.LC	
GMA.2B.060.DG	6.0	36	6.5	6.0	2E-2K-2L	FFM.2E.130.LC	
GMA.2B.070.DG	7.0	36	7.7	7.0			
GMA.2B.080.DG	7.8	36	8.8	7.8	2C-2G	FFM.2C.130.LC	
GMA.3B.050.DG	4.5	42	5.2	4.5	3S	FFM.3S.130.LC	
GMA.3B.060.DG	6.0	42	6.9	6.0			
GMA.3B.070.DG	7.0	42	7.9	7.0	3B	FFM.3B.130.LC	
GMA.3B.080.DG	8.0	42	8.9	8.0	3E-3K	FFM.3E.130.LC	
GMA.3B.090.DG	9.0	42	10.0	9.0	4S	FFM.4S.130.LC	
GMA.4B.080.DG	8.0	60	9.0	8.0	4S	FFM.4S.130.LC	
GMA.4B.010.DG	10.0	60	10.9	10.0			
GMA.4B.011.DG	11.0	60	11.9	11.0	4B	FFM.4B.130.LC	
GMA.4B.012.DG	12.0	60	13.0	12.0			
GMA.4B.013.DG	13.5	60	14.5	13.5	4E-4K	FFM.4E.130.LC	

Note: the last letter «G» of the part number indicates the grey colour of the bend relief. For ordering a bend relief with another colour, see table on page 142 and replace the letter «G» by the letter of the required colour.
See also detailed information for each series: B series on page 54: K series on page 54; S series on page 107; E series on page 107.



GMA Bend relief (Silicone)

A bend relief has been designed for connectors used in applications at high temperature or requiring vapour sterilization.
These bend reliefs are different from previous ones as for their material, a silicone elastomer which is noted for its retention of flexibility over a wide temperature range. They are available in nine colours.
Use the part numbers shown below to order this accessory separately.

Main characteristics

- Material: Silicone elastomer VMQ
- Temperature range in dry atmosphere: -60°C +200°C
- Temperature range in water steam: +140°C

Part number	Dimensions (mm)				Series	Part number of nut for fitting the bend relief	Note
	Bend relief		Cable ø				
	A	L	max.	min.			
GMA.0B.025.RG	2.5	27	2.9	2.5	0B	FFM.0B.130.LC FFM.2B.132.LC 1)	1) For use only with connectors from series 2B equipped with cable fixing type M and where a bend relief from series 0B is used.
GMA.0B.030.RG	3.0	27	3.4	3.0			
GMA.0B.035.RG	3.5	27	3.9	3.5	0S	FFM.0S.130.LC	
GMA.0B.040.RG	4.0	27	4.4	4.0			
GMA.0B.045.RG	4.5	27	5.2	4.5	0E-0K-0L	FFM.0E.130.LC	
GMA.1B.025.RG	2.5	34	2.9	2.5	1B-1D	FFM.1B.130.LC FFM.3B.131.LC 1)	1) For use only with connectors from series 3B equipped with cable fixing type M and where a bend relief from series 1B is used.
GMA.1B.030.RG	3.0	34	3.4	3.0			
GMA.1B.035.RG	3.5	34	3.9	3.5			
GMA.1B.040.RG	4.0	34	4.4	4.0	1S	FFM.1S.130.LC	
GMA.1B.045.RG	4.5	34	5.0	4.5			
GMA.1B.051.RG	5.1	34	5.6	5.1			
GMA.1B.057.RG	5.7	34	6.2	5.7	1E-1K-1L	FFM.1E.130.LC	
GMA.1B.063.RG	6.3	34	7.0	6.3			
GMA.2B.040.RG	4.0	41	4.4	4.0	2B	FFM.2B.130.LC FFM.4K.132.LC 1)	1) For use only with connectors from series 4B equipped with cable fixing type M and where a bend relief from series 2B is used.
GMA.2B.045.RG	4.5	41	5.0	4.5			
GMA.2B.051.RG	5.1	41	5.6	5.1	2S	FFM.2S.130.LC	
GMA.2B.057.RG	5.7	41	6.2	5.7			
GMA.2B.063.RG	6.3	41	7.0	6.3	2E-2K-2L	FFM.2E.130.LC	
GMA.2B.071.RG	7.1	41	7.9	7.1			
GMA.2B.080.RG	8.0	41	9.0	8.0	2C-2G	FFM.2C.130.LC	

Note: the last letter «G» of the part number indicates the grey colour of the bend relief. For ordering a bend relief with another colour, see table on page 142 and replace the letter «G» by the letter of the required colour.
See also detailed information for each series: B series on page 54: K series on page 54; S series on page 107; E series on page 107.

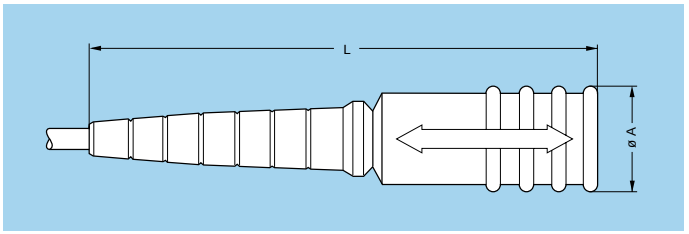
Note: the selection of pigments, which should remain stable at high temperature, is limited by the new regulations. For this reason, some colours will be a shade different from those used for Desmopan bend reliefs. The selected solutions represent the best possible compromise.

Ref.	Colour
A	blue
B	white
G	grey
J	yellow
M	brown

Ref.	Colour
N	black
R	red
S	orange
V	green

GM● Overall bend relief for plugs and sockets

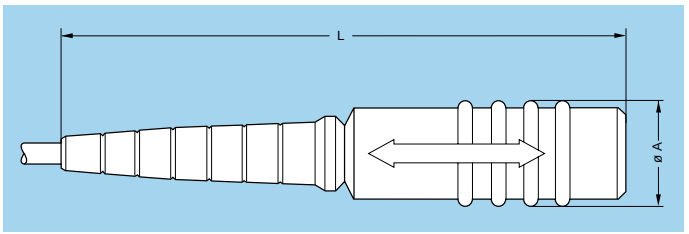
Overall bend reliefs, type GMF for plugs and GMP for sockets offer optimum protection against mechanical damage and give a protection index of IP65 according to IEC 60529 (mated position). These bend reliefs slide easily over the connector shell and are positioned by slightly pressing the bend relief backnut.
The special design of the bend relief for plug provides for easy use of the push-pull self-latching system.



GMF Bend relief for straight plug

Part number	Series	Dimensions (mm)			
		Bend relief		Cable ø	
		A	L	max.	min.
GMF.0B.035.060EN	0S-0B	11.0	60.5	3.5	1.0
GMF.1B.062.072EN	1S-1B	16.0	72.0	6.2	2.5
GMF.2B.082.095EN	2S-2B	22.0	95.0	8.2	5.0

- Material: Elastomer rubber black colour
- Operating temperature: -30°C to +120°C



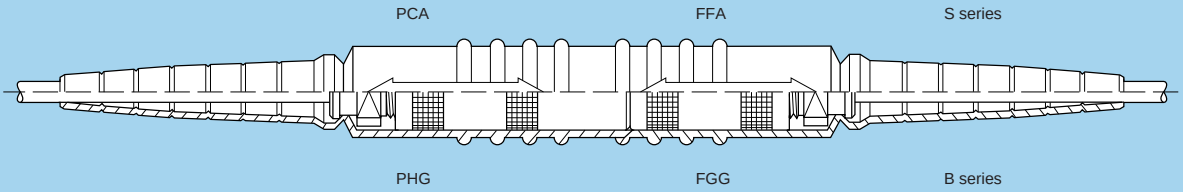
GMP Bend relief for free socket

Part number	Series	Dimensions (mm)			
		Bend relief		Cable ø	
		A	L	max.	min.
GMP.0B.035.069EN	0S-0B	11.0	69.0	3.5	1.0
GMP.1B.062.079EN	1S-1B	16.0	80.0	6.2	2.5
GMP.2B.082.102EN	2S-2B	21.0	102.5	8.2	5.0

- Material: Elastomer rubber black colour
- Operating temperature: -30°C to +120°C

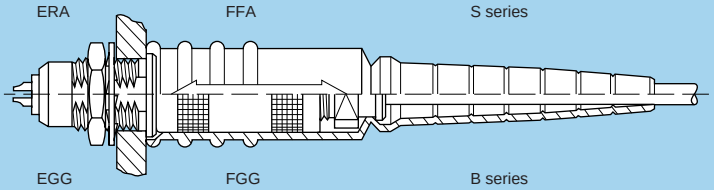
– The overall bend relief shall be installed over plug or free socket fitted with a nut for bend relief.
– The typical applications are shown below.
– The overall bend relief can be cut at different length depending on cable diameter.

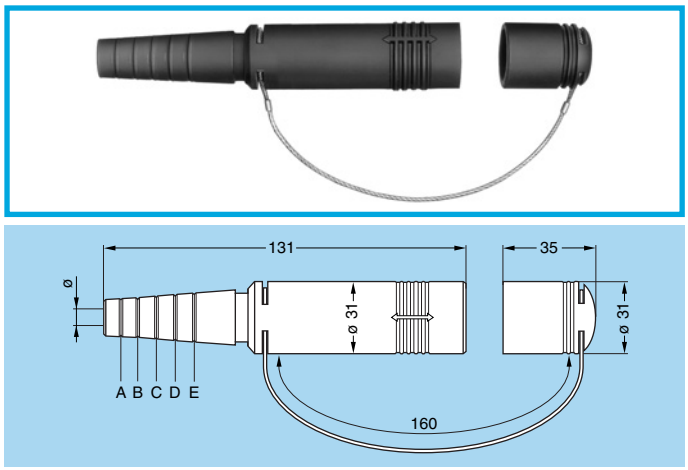
Plug-free socket



Plug-fixed socket

Optimum protection is offered only when using front panel mounting fixed sockets

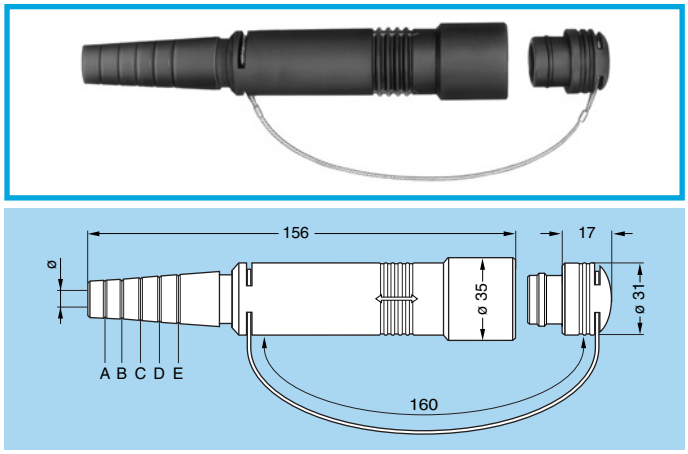




GMF Bend relief with cap for plug

Part number	Series	For models	Cut	admissible ø (mm)	
				min.	max.
GMF.4K.080.EANZ	4E	FFA	–	8.0	8.9
			A	9.0	9.9
			B	10.0	11.4
	4K	FGG	C	11.5	12.9
			D	13.0	14.9
			E	15.0	16.5

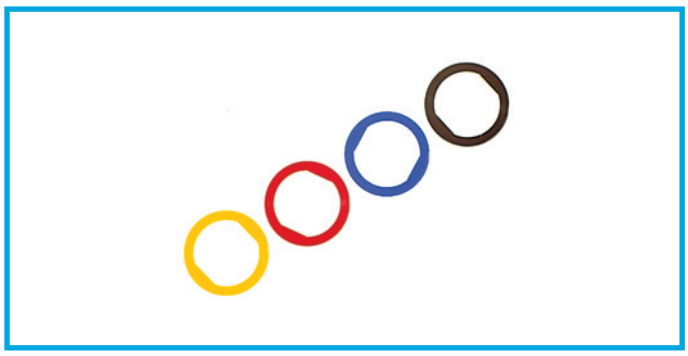
- Material: Black EPDM

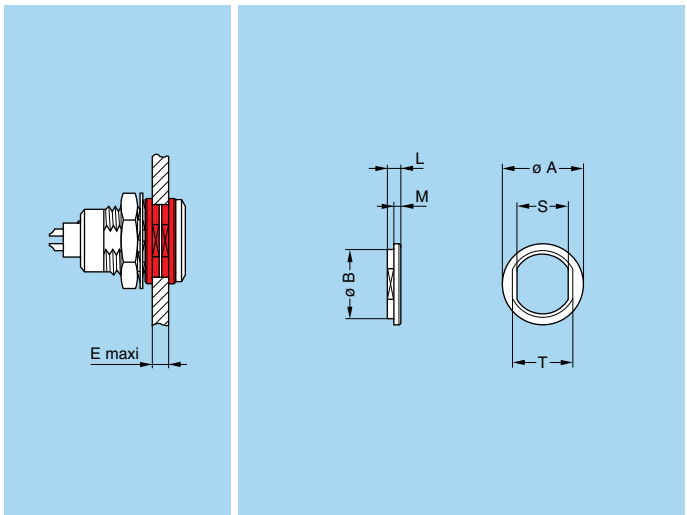


GMP Bend relief with cap for free socket

Part number	Series	For models	Cut	admissible ø (mm)	
				min.	max.
GMP.4K.080.EANZ	4E	PCA	–	8.0	8.9
			A	9.0	9.9
			B	10.0	11.4
	4K	PHG	C	11.5	12.9
			D	13.0	14.9
			E	15.0	16.5

- Material: Black EPDM





- Material: Polyamide
- Maximum operating temperature: 90° C

GRA Insulating washers

Sockets or plugs mounted on panels can be fitted with insulating washers. The nine colours available combined with those for the bend reliefs makes colour coding possible.

Part number	Series	Dimensions (mm)						
		A	B	E	L	M	S	T
GRA.00.269.GG	00	10.0	8.8	4.5	1.8	1.0	6.4	8.0
GRA.0S.269.GG	0S-0B	12.0	10.8	6.0	1.8	1.0	8.3	9.9
GRA.1S.269.GG	1S-1B	16.0	13.8	6.5	1.8	1.0	10.6	12.2
GRA.2S.269.GG	2S-2B	21.1	17.9	7.3	2.3	1.3	13.6	16.2
GRA.3S.269.GG	3S-3B	25.0	21.8	10.3	2.2	1.2	16.7	20.2
GRA.4S.269.GG	4S-4B	31.9	28.7	10.5	2.5	1.5	23.6	27.1

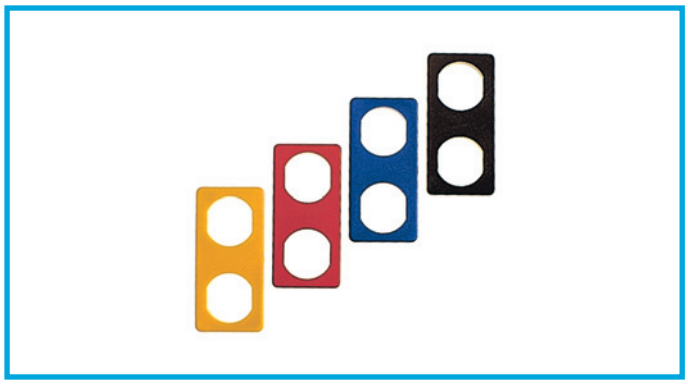
Note: insulating washers for series 5B are available on request.

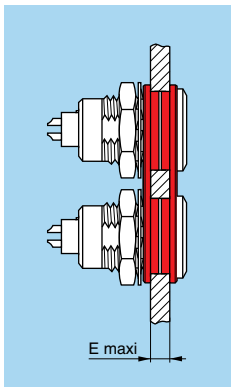
Caution: these insulating washers can be used with fixed and free sockets with across flat dimension S1 equivalent to the S dimension of the washer.

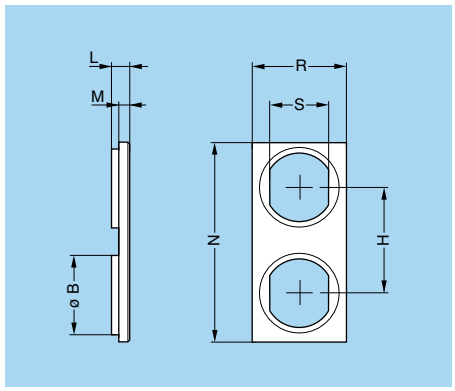
Ref.	Colour
A	blue
B	white
G	grey
J	yellow
M	brown

Ref.	Colour
N	black
R	red
S	orange
V	green

Note: the last letter «G» of the part number indicates the colour grey for the insulating washer. To obtain an insulating washer of another colour, refer to the table above and change the letter «G» of the part number to the corresponding letter of the colour required.
For the panel cut-out, please consult chapter «Panel cut-out» on page 153.







- Material: Polyamide
- Maximum operating temperature: 90° C

GRC Double panel washers

Double panel washers have been designed to make the drilling of panel holes easier for mounting fixed and free sockets. The combination of the nine different colours of the double panel washers and of the bend reliefs makes colour coding possible.

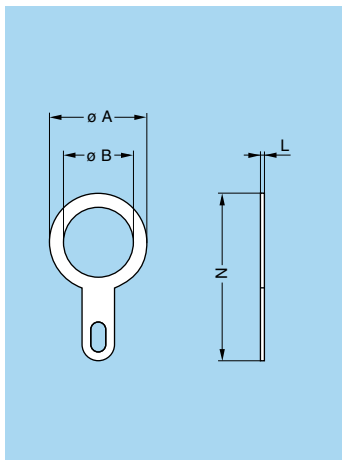
Part number	Series	Dimensions (mm)							
		B	E	H	L	M	N	R	S
GRC.0S.260.HG	0S-0B	10.9	5	14	2.5	1.5	26.5	12.5	8.3
GRC.1B.260.HG	1S-1B	13.9	5	20	3.3	1.8	34.5	14.5	10.6

Caution: these double panel washers can be used with fixed or free sockets with across flat dimension S1 equivalent to the S dimension of the washer.

Ref.	Colour
A	blue
B	white
G	grey
J	yellow
M	brown

Ref.	Colour
N	black
R	red
S	orange
V	green

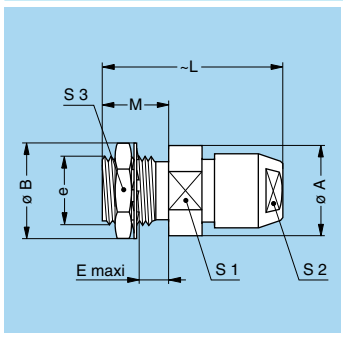
Note: the last letter «G» of the washer's part number indicates the colour grey. For other colours, refer to the above table and replace letter «G» by the one corresponding to the colour required.
For the panel cut-out, please consult chapter «Panel cut-out» on page 153.

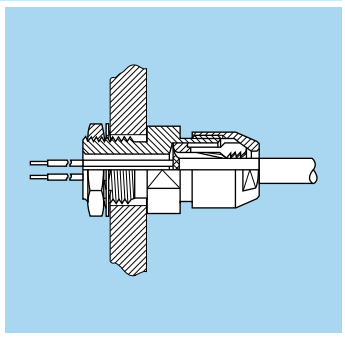


- Material: CuSnZn plated brass (2 µm)

GCA Earthing washer

Part number	Series	Dimensions (mm)			
		A	B	L	N
GCA.00.255.LT	00	9.5	7.1	0.4	18.2
GCA.0S.255.LT	0S-0B	13.0	9.1	0.4	22.0
GCA.0E.255.LT	0E-0K	17.0	14.1	0.5	27.5
GCA.1S.255.LT	1S-1B	17.0	12.2	0.5	27.5
GCA.1E.255.LT	1E-1K	20.0	16.2	0.5	32.0
GCA.2S.255.LT	2S-2B	20.0	15.2	0.5	32.0
GCA.2E.255.LT	2E-2K	25.0	20.2	0.5	39.0
GCA.3S.255.LT	3S-3B	25.0	18.2	0.5	39.0
GCA.4S.255.LT	4S-4B	35.0	25.6	0.6	50.0
GCA.4E.255.LT	4E-4K	35.0	30.6	0.6	50.0
GCA.5S.255.LT	5S-5B	42.0	35.1	0.3	57.5





GSC Lead-through with cable collet

Part number	Dimensions (mm)								
	A	B	e	E	L	M	S1	S2	S3
GSC.1S.290.ND••	12	12.5	M9x0.6	5.0	26	7.5	11	9	11
GSC.3S.290.ND••	17	19.5	M15x1.0	8.1	30	12.0	–	14	17

Note: •• = collet cable diameter of the B series. For cable diameter refer to page 52.
The cable collet system stands for both screened and unscreened cables. It can be delivered with a nut for fitting a bend relief it you add a «Z» at the end of the part number.