

## Förskruvning Mässing-EMC



### Med avlastning IP 68 RoHS PG Gänga

Material: Förnicklad Mässing  
Med O-ring & Neoprenetätning  
Tätningssklass: IP68 5 bar  
Temperatur: -40° C - +100° C  
Korttid: upp till +150° C

Nr	Typ	Förp.	Gäng-längd	Klämm-område
14 600 71	PG7 12,50	2000/50	6,0	3-6,5 mm
14 600 72	PG9 15,20	1500/50	6,0	4-8 mm
14 600 73	PG11 18,60	1000/50	6,0	5-10 mm
14 600 74	PG13,5 20,40	800/50	6,0	6-12 mm
14 600 75	PG16 22,50	600/25	6,0	10-14 mm
14 600 76	PG21 28,30	350/25	7,5	13-18 mm
14 600 77	PG29 37,00	160/20	7,5	18-25 mm
BSEM-08	PG36 47,00	105/15	10,0	22-32 mm
BSEM-09	PG42 54,00	72/12	12,0	30-38 mm
BSEM-10	PG48 59,30	72/12	14,0	34-44 mm

## Förskruvning Mässing-EMC



### Med avlastning IP 68 RoHS Metrisk Gänga

Material: Förnicklad Mässing  
Med O-ring & Neoprenetätning  
Tätningssklass: IP68 5 bar  
Temperatur: -40° C - +100° C  
Korttid: upp till +150° C

Nr	Typ	Förp.	Gäng-längd	Klämm-område
14 716 30	M12 x 1,5	2000/50	6,0	3-6,5 mm
14 716 31	M16 x 1,5	1500/50	7,0	4-8 mm
14 716 32	M20 x 1,5	800/50	8,0	6-12 mm
14 716 33	M25 x 1,5	600/25	8,0	10-14 mm
14 716 34	M32 x 1,5	350/25	9,0	13-18 mm
14 716 35	M40 x 1,5	160/20	9,0	18-25 mm
14 716 36	M50 x 1,5	90/15	10,0	22-32 mm
14 716 37	M63 x 1,5	72/12	15,0	34-44 mm

## Kontramutter Mässing-EMC



Material: Mässing  
Ytbehandling: Förnicklad  
Med jordtaggar  
**RoHS**

Nr	Typ	Förp.	Höjd i mm	Nyckel i mm
14 600 80	PG7 12,5	100	3,6	15
14 600 81	PG9 15,2	100	3,6	18
14 600 82	PG11 18,6	100	3,6	21
14 600 83	PG13,5 20,4	100	3,6	23
14 600 84	PG16 22,5	100	3,7	26
14 600 85	PG21 28,3	100	4,3	32
14 600 86	PG29 37,0	50	5,8	41
14 600 87	PG36 47,0	25	6,0	51
14 600 88	PG42 54,0	25	6,0	60
14 600 89	PG48 59,3	25	6,5	64

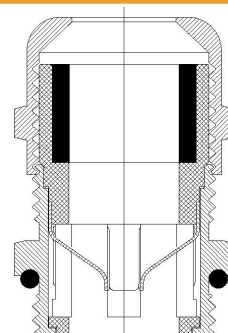
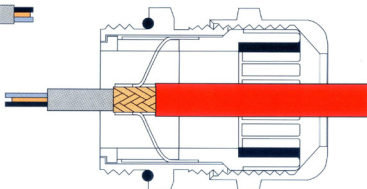
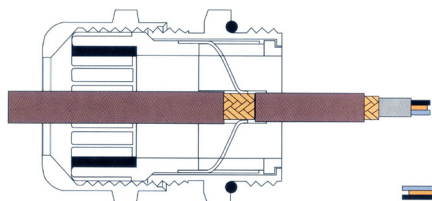
## Kontramutter Mässing-EMC



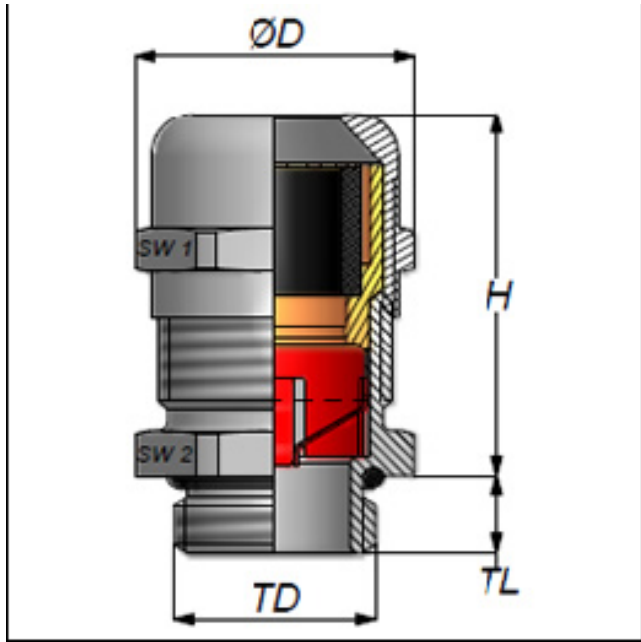
Material: Mässing  
Ytbehandling: Förnicklad  
Med jordtaggar  
**RoHS**

Nr	Typ	Förp.	Höjd i mm	Nyckel i mm
14 716 41	M12 x 1,5	100	3,6	14
14 716 42	M16 x 1,5	100	3,6	18
14 716 43	M20 x 1,5	100	3,6	23
14 716 44	M25 x 1,5	100	3,6	28
14 716 45	M32 x 1,5	100	4,0	36
14 716 46	M40 x 1,5	50	4,7	44
14 716 47	M50 x 1,5	50	4,7	54
14 716 48	M63 x 1,5	10	6,6	70

## Exempel på tillämpningar

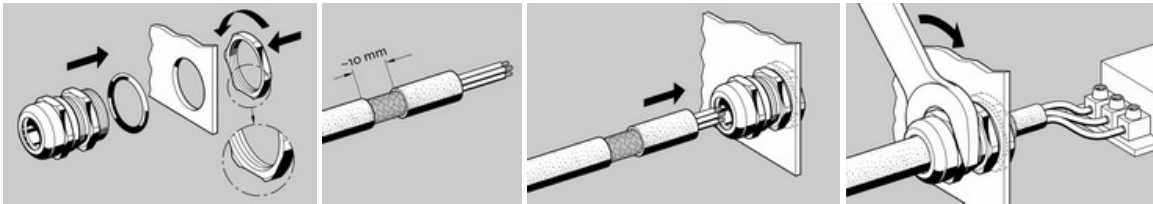


2nd Generation EMC Cable Glands



These EMC cable glands combine several advantages in one product. First, you get the same clamping ranges as the standard brass glands. The protection class is IP68. In order to get a low electrical impedance between the cable gland and the braiding of the cable the cable gland does not have to be disassembled. Secondly, a perfect shielding will be achieved by just tightening the dome nut. This high tech cable gland consists of a nickel plated brass body, PA6 clamping insert, an EMC contact element and choloprene seal. The components are pre-assembled.

To install an EMC cable gland remove approx. 5 – 10 mm (0.20 – 0.39) of the insulation of the cable. Insert the cable in to the cable gland and adjust it without the contact elements touching the braiding. Tighten the cap and conductivity will be established. The design of the contact elements will adapt to different cable diameters according to the clamping range of the cable glands. Since the clamping insert of the cable gland is as long as the gland itself electrical shortcuts between the body and individual wires will be avoided.



Tighten the cable gland to the housing.

Remove outer sheath of shielded cable.

Insert cable until EMC spring.

Lock and tight the cap.

Tightening the dome nut will have three different effects: The cable will be centered in the cable gland, the choloprene seal will ensure IP 68 protection, and the design of the dome cap will provide appropriate strain relief. All is done by just one turn of the dome cap. Even uninstalling the cable is easy; open the dome cap and pull the cable out of the cable gland together with the insert, which can then be removed easily.

These features together make this EMC cable gland unique.

