

# Standard Series Cable Glands

Suitable for highest demands of todays technology, water tight, offering excellent strain relief.

## Technical Details

Material	: Brass Nickel Plated
Clamping insert	: Polyamide 6
Sealing ring	: Choloprene
O ring	: NBR
Protection class	: IP 68
Temp. range	: -40°C to +100°C



Codes	Technical Information							
	Size	TD (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	Max. H (mm)	D (mm)	Clamping Range Ø (min-max) mm
<b>Metric Thread Glands</b>								
BMBC-0S	M12X1,5	12,0	6,0	14,0	14,0	21,5	15,4	3,0 - 6,5
BMBC-01	M16X1,5	16,0	7,0	17,0	18,0	23,0	19,8	4,0 - 8,0
BMBC-01S	M16X1,5	16,0	6,5	20,0	20,0	24,0	22,0	5,0 - 10,0
BMBC-02	M20X1,5	20,0	8,0	22,0	22,0	24,3	24,2	6,0 - 12,0
BMBC-03	M25X1,5	25,0	8,0	24,0	27,0	27,6	29,7	10,0 - 14,0
BMBC-03S	M25X1,5	25,0	8,0	30,0	30,0	29,5	33,0	13,0 - 18,0
BMBC-04	M32X1,5	32,0	9,0	30,0	34,0	31,2	37,4	13,0 - 18,0
BMBC-04S	M32X1,5	32,0	8,0	40,0	40,0	35,0	41,8	17,0 - 24,0
BMBC-05	M40X1,5	40,0	9,0	40,0	43,0	38,5	47,3	18,0 - 25,0
BMBC-05S	M40X1,5	40,0	8,0	50,0	50,0	42,0	55,0	22,0 - 32,0
BMBC-06	M50X1,5	50,0	9,0	50,0	55,0	47,3	60,5	22,0 - 32,0
BMBC-06S	M50X1,5	50,0	9,0	57,0	57,0	49,0	62,7	29,0 - 40,0
BMBC-07	M63X1,5	63,0	14,0	64,0	68,0	50,3	74,8	34,0 - 44,0
BMBC-07S	M63X1,6	63,0	10,0	75,0	75,0	54,0	82,5	37,0 - 53,0
<b>Metric Glands With Long Thread</b>								
BMBE-0S	M12X1,5	12,0	12,0	14,0	14,0	21,5	15,4	3,0 - 6,5
BMBE-01	M16X1,5	16,0	12,0	17,0	18,0	23,0	18,0	4,0 - 8,0
BMBE-02	M20X1,5	20,0	12,0	22,0	22,0	24,3	24,2	6,0 - 12,0
BMBE-03	M25X1,5	25,0	12,0	24,0	27,0	27,6	29,7	10,0 - 14,0
BMBE-04	M32X1,5	32,0	15,0	30,0	34,0	31,2	37,4	13,0 - 18,0
BMBE-05	M40X1,5	40,0	15,0	40,0	43,0	38,5	47,3	18,0 - 25,0
BMBE-06	M50X1,5	50,0	15,0	50,0	55,0	47,3	60,5	22,0 - 32,0
BMBE-07	M63X1,5	63,0	18,0	64,0	68,0	50,3	74,8	34,0 - 44,0
<b>Euro Metric Thread Glands</b>								
BMBC-ES	M12X1,5	12,0	6,0	14,0	14,0	21,5	15,4	3,0 - 6,5
BMBC-E1	M16X1,5	16,0	7,0	20,0	20,0	25,3	22,0	5,0 - 10,0
BMBC-E2	M20X1,5	20,0	8,0	22,0	22,0	25,4	24,2	6,0 - 12,0
BMBC-E3	M25X1,5	25,0	8,0	27,0	27,0	31,0	29,7	11,0 - 17,0
BMBC-E4	M32X1,5	32,0	8,0	34,0	34,0	33,5	37,4	15,0 - 21,0
BMBC-E5	M40X1,5	40,0	9,0	43,0	43,0	42,0	47,3	19,0 - 28,0
BMBC-E6	M50X1,5	50,0	9,0	58,0	58,0	50,0	63,8	27,0 - 38,0
BMBC-E7	M63X1,5	63,0	14,0	64,0	68,0	52,3	74,8	34,0 - 44,0
<b>Euro Metric Glands With Long Thread</b>								
BMBE-ES	M12X1,5	12,0	12,0	14,0	14,0	21,2	15,4	3,0 - 6,5
BMBE-E1	M16X1,5	16,0	12,0	20,0	20,0	25,3	22,0	5,0 - 10,0
BMBE-E2	M20X1,5	20,0	12,0	22,0	22,0	25,4	24,2	6,0 - 12,0
BMBE-E3	M25X1,5	25,0	12,0	27,0	27,0	31,0	29,7	11,0 - 17,0
BMBE-E4	M32X1,5	32,0	15,0	34,0	34,0	33,5	37,4	15,0 - 21,0
BMBE-E5	M40X1,5	40,0	15,0	43,0	43,0	42,0	47,3	19,0 - 28,0
BMBE-E6	M50X1,5	50,0	15,0	58,0	58,0	50,0	63,8	27,0 - 38,0
BMBE-E7	M63X1,5	63,0	15,0	64,0	68,0	52,3	74,8	34,0 - 44,0
<b>Pg Thread Glands</b>								
BSBC-01	Pg7	12,5	6,0	14,0	14,0	21,8	15,4	3,0 - 6,5
BSBC-02	Pg9	15,2	6,0	17,0	17,0	22,6	18,7	4,0 - 8,0
BSBC-03	Pg11	18,6	6,0	20,0	20,0	25,3	22,0	5,0 - 10,0
BSBC-04	Pg13,5	20,4	6,5	22,0	22,0	24,1	24,2	6,0 - 12,0
BSBC-05	Pg16	22,5	6,5	24,0	24,0	27,5	26,4	10,0 - 14,0
BSBC-06	Pg21	28,3	7,2	30,0	30,0	31,2	33,0	13,0 - 18,0
BSBC-07	Pg29	37,0	8,0	40,0	40,0	39,3	44,0	18,0 - 25,0
BSBC-08	Pg36	47,0	9,0	50,0	50,0	47,2	55,0	22,0 - 32,0
BSBC-09	Pg42	54,0	12,0	58,0	58,0	47,7	63,8	30,0 - 38,0
BSBC-10	Pg48	59,3	14,0	64,0	64,0	52,0	70,4	34,0 - 44,0
<b>Pg Glands With Long Thread</b>								
BSBE-01	Pg7	12,5	10,0	14,0	14,0	21,8	15,4	3,0 - 6,5
BSBE-02	Pg9	15,2	10,0	17,0	17,0	22,6	18,7	4,0 - 8,0
BSBE-03	Pg11	18,6	10,0	20,0	20,0	25,3	22,0	5,0 - 10,0
BSBE-04	Pg13,5	20,4	10,0	22,0	22,0	24,1	24,2	6,0 - 12,0
BSBE-05	Pg16	22,5	10,0	24,0	24,0	27,5	26,4	10,0 - 14,0
BSBE-06	Pg21	28,3	12,0	30,0	30,0	31,2	33,0	13,0 - 18,0
BSBE-07	Pg29	37,0	12,0	40,0	40,0	39,3	44,0	18,0 - 25,0
BSBE-08	Pg36	47,0	14,0	50,0	50,0	47,2	55,0	22,0 - 32,0
BSBE-09	Pg42	54,0	16,0	58,0	58,0	47,7	63,8	30,0 - 38,0
BSBE-10	Pg48	59,3	18,0	64,0	64,0	52,0	70,4	34,0 - 44,0
<b>Npt Thread Glands</b>								
BNBC-01	NPT3/8	16,0	11,5	20,0	20,0	23,0	22,0	4,0 - 8,0
BNBC-01S	NPT3/8	16,0	11,5	20,0	20,0	24,0	22,0	5,0 - 10,0
BNBC-02	NPT1/2	21,0	13,0	22,0	22,0	25,5	24,2	6,0 - 12,0
BNBC-02S	NPT1/2	21,0	13,0	24,0	27,0	27,6	29,7	10,0 - 14,0
BNBC-03	NPT3/4	29,0	13,0	30,0	30,0	34,0	33,0	13,0 - 18,0
BNBC-04	NPT1	32,0	13,0	40,0	43,0	43,0	47,3	18,0 - 25,0

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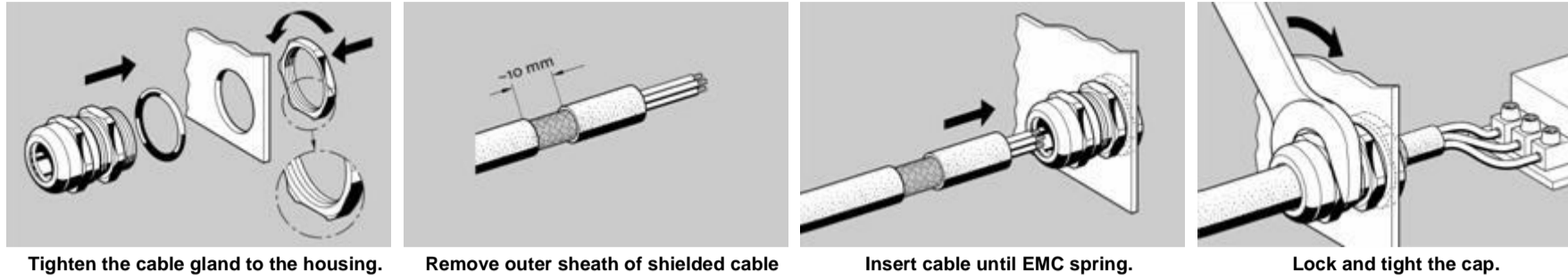
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## 2nd Generation EMC Cable Glands

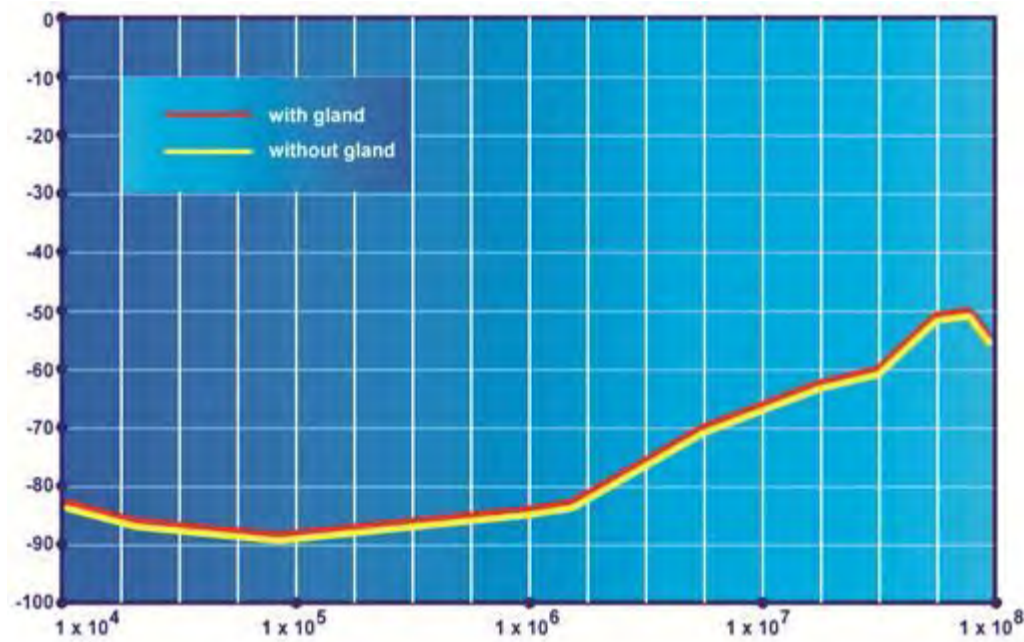
These EMC cable glands combine several advantages in one product. First, you get the same clamping ranges as the standard brass glands. The protection class is IP68. In order to get a low electrical impedance between the cable gland and the braiding of the cable the cable gland does not have to be disassembled. 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.



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.



### Technical Details

<b>Material</b>	: Brass Nickel Plated
<b>Clamping insert</b>	: Polyamide 6
<b>Sealing ring</b>	: Choloprene
<b>O ring</b>	: NBR
<b>Protection class</b>	: IP 68
<b>Temp. range</b>	: -40°C to +100°C



Codes	Technical Information								
	Size	TD (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	Max. H (mm)	D (mm)	Clamping Range Ø (min-max) mm	Shield Diameter (Ø min) mm
<b>Metric Thread</b>									
BMEM-0S	M12X1,5	12,0	6,0	14,0	14,0	21,5	15,4	3,0 - 6,5	2,5
BMEM-01	M16X1,5	16,0	7,0	17,0	18,0	23,0	19,8	4,0 - 8,0	3,0
BMEM-01S	M16X1,5	16,0	6,5	20,0	20,0	24,0	22,0	5,0 - 10,0	3,5
BMEM-02	M20X1,5	20,0	8,0	22,0	22,0	24,3	24,2	6,0 - 12,0	4,5
BMEM-03	M25X1,5	25,0	8,0	24,0	27,0	27,6	29,7	10,0 - 14,0	8,5
BMEM-03S	M25X1,5	25,0	8,0	30,0	30,0	29,5	33,0	13,0 - 18,0	10,5
BMEM-04	M32X1,5	32,0	9,0	30,0	34,0	31,2	37,4	13,0 - 18,0	11,0
BMEM-04S	M32X1,5	32,0	8,0	40,0	40,0	35,0	41,8	17,0 - 24,0	14,0
BMEM-05	M40X1,5	40,0	9,0	40,0	43,0	38,5	47,3	18,0 - 25,0	16,0
BMEM-05S	M40X1,5	40,0	8,0	50,0	50,0	42,0	55,0	22,0 - 32,0	20,0
BMEM-06	M50X1,5	50,0	9,0	50,0	55,0	47,3	60,5	22,0 - 32,0	20,0
BMEM-06S	M50X1,5	50,0	9,0	57,0	57,0	49,0	62,7	29,0 - 40,0	26,0
BMEM-07	M63X1,5	63,0	14,0	64,0	68,0	50,3	74,8	34,0 - 44,0	31,0
<b>Metric Glands with Long Thread</b>									
BMEN-0S	M12X1,5	12,0	12,0	14,0	14,0	21,8	15,4	3,0 - 6,5	2,5
BMEN-01	M16X1,5	16,0	12,0	17,0	18,0	22,6	19,8	4,0 - 8,0	3,0
BMEN-02	M20X1,5	20,0	12,0	22,0	22,0	24,5	24,2	6,0 - 12,0	4,5
BMEN-03	M25X1,5	25,0	12,0	24,0	27,0	27,5	29,7	10,0 - 14,0	8,5
BMEN-04	M32X1,5	32,0	15,0	30,0	34,0	31,4	37,4	13,0 - 18,0	11,0
BMEN-05	M40X1,5	40,0	15,0	40,0	43,0	39,0	47,3	18,0 - 25,0	16,0
BMEN-06	M50X1,5	50,0	15,0	50,0	55,0	47,3	60,5	22,0 - 32,0	20,0
BMEN-07	M63X1,5	63,0	18,0	64,0	68,0	52,2	74,8	34,0 - 44,0	31,0
<b>Pg Thread</b>									
BSEM-01	Pg7	12,5	6,0	14,0	14,0	21,8	15,4	3,0 - 6,5	2,5
BSEM-02	Pg9	15,2	6,0	17,0	17,0	22,6	18,7	4,0 - 8,0	3,0
BSEM-03	Pg11	18,6	6,0	20,0	20,0	25,3	22,0	5,0 - 10,0	4,0
BSEM-04	Pg13,5	20,4	6,5	22,0	22,0	24,1	24,2	6,0 - 12,0	5,0
BSEM-05	Pg16	22,5	6,5	24,0	24,0	27,5	26,4	10,0 - 14,0	8,5
BSEM-06	Pg21	28,3	7,2	30,0	30,0	31,2	33,0	13,0 - 18,0	11,0
BSEM-07	Pg29	37,0	8,0	40,0	40,0	39,3	44,0	18,0 - 25,0	16,0
BSEM-08	Pg36	47,0	9,0	50,0	50,0	47,2	55,0	22,0 - 32,0	20,0
BSEM-09	Pg42	54,0	12,0	58,0	58,0	47,7	63,8	30,0 - 38,0	28,0
BSEM-10	Pg48	59,3	14,0	64,0	64,0	52,0	70,5	34,0 - 44,0	31,0
<b>Pg Glands with Long Thread</b>									
BSEN-01	Pg7	12,5	8,0	14,0	14,0	21,8	15,4	3,0 - 6,5	2,5
BSEN-02	Pg9	15,2	10,0	17,0	17,0	22,6	18,7	4,0 - 8,0	3,0
BSEN-03	Pg11	18,6	10,0	20,0	20,0	25,3	22,0	5,0 - 10,0	4,0
BSEN-04	Pg13,5	20,4	10,0	22,0	22,0	24,1	24,2	6,0 - 12,0	5,0
BSEN-05	Pg16	22,5	10,0	24,0	24,0	27,5	26,4	10,0 - 14,0	8,5
BSEN-06	Pg21	28,3	12,0	30,0	30,0	31,2	33,0	13,0 - 18,0	11,0
BSEN-07	Pg29	37,0	12,0	40,0	40,0	39,3	44,0	18,0 - 25,0	16,0
BSEN-08	Pg36	47,0	14,0	50,0	50,0	47,2	55,0	22,0 - 32,0	20,0
<b>Npt Thread</b>									
BNEM-01	NPT3/8"	17,0	11,5	20,0	20,0	40,5	22,0	5,0 - 10,0	4,0
BNEM-02	NPT1/2"	21,2	13,0	22,0	22,0	38,3	24,2	6,0 - 12,0	5,0
BNEM-03	NPT3/4"	26,5	13,0	30,0	30,0	47,4	33,0	13,0 - 18,0	11,0
BNEM-04	NPT1"	33,2	13,0	40,0	43,0	55,2	47,3	18,0 - 25,0	16,0

# 3rd Generation EMC Cable Glands

## New generation of EMC and Derivation Gland

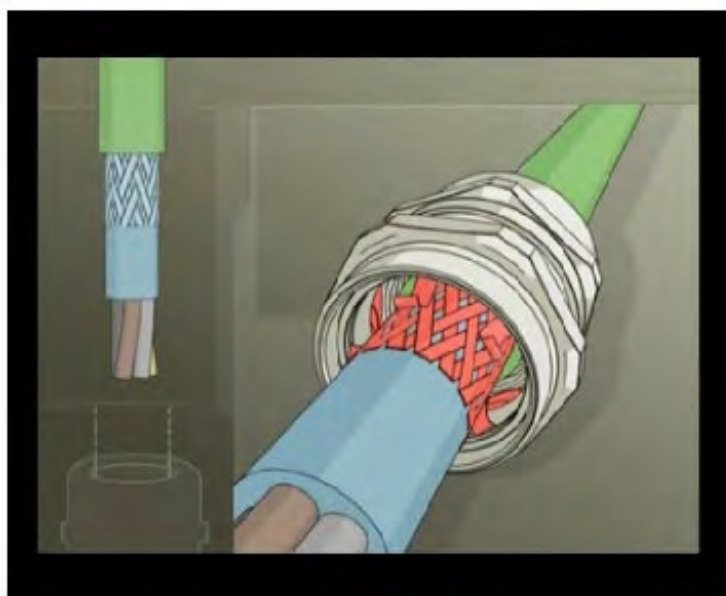
The new generation of MOS's EMC and derivation gland shows significant advantages compared to other existing cable glands. The patented contact system inside the gland allows all degrees of freedom which are necessary to install a cable easily; the cable can be pulled forward and backward inside the gland without damaging the cable shielding. This is realized by specially designed contact elements. This feature is most advantageous when connectorizing the single cores of the cable.

Also the cable can easily be rotated inside the gland without damaging the cable shielding – most important when installing the gland at an industrial connector. The unique mechanism of the integrated contact system therefore show the following features:

For small cable diameters in the lower clamping range of the gland the contact system won't touch the cable braiding at all during the installation process. For bigger cable diameters in the upper clamping range of the gland the contact system will rotate freely inside the gland together with the cable itself. Only when tightening the cap the contact element will be fixed and will be pressed against the cable shielding to ensure a low resistance electrical contact between gland and cable braiding. Simultaneously IP68 protection class and cable anchorage according to the EN 50262 is achieved.

This straight forward application and convenient installation of the gland saves a lot of time and therefore a lot of money.

Shielding and derivation tests performed with this gland show exceptional values. So this EMC and derivation gland from Mos will be used wherever an outstanding performance is needed. Simple application, fast installation together with the patented contact system makes Mos's gland unique among the cable glands.



Fast and easy installation.  
Adapts to different cable shields.  
Reliable connection.  
High shielding factor.

Mechanical values according to EN 50262.  
Clamping range identical to all other  
Eurometric Mos glands.  
360° brand touching.

### Technical Details

<b>Material</b>	: Brass Nickel Plated
<b>Clamping insert</b>	: Polyamide 6
<b>Sealing ring</b>	: Chloprene
<b>O ring</b>	: NBR
<b>Protection class</b>	: IP 68
<b>Temp. range</b>	: -40°C to +100°C



Codes	Technical Information								
	Size	TD (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	Max. H (mm)	D (mm)	Clamping Range Ø (min-max) mm	Shield Diameter (Ø min) mm
<b>Metric Thread</b>									
BMEM-ES	M12X1,5	12,0	6,0	14,0	14,0	21,5	15,4	3,0 - 6,5	2,5
BMEM-E1	M16X1,5	16,0	7,0	20,0	20,0	25,3	22,0	5,0 - 10,0	4,0
BMEM-E2	M20X1,5	20,0	8,0	22,0	22,0	26,5	24,2	6,0 - 12,0	5,0
BMEM-E3	M25X1,5	25,0	8,0	27,0	27,0	32,7	29,7	11,0 - 17,0	9,5
BMEM-E4	M32X1,5	32,0	8,0	34,0	34,0	36,3	37,4	15,0 - 21,0	13,5
BMEM-E5	M40X1,5	40,0	9,0	43,0	43,0	44,5	47,3	19,0 - 28,0	17,0
BMEM-E6	M50X1,5	50,0	9,0	58,0	58,0	51,5	63,8	27,0 - 38,0	25,0
BMEM-E7	M63X1,5	63,0	14,0	64,0	68,0	52,9	74,8	34,0 - 44,0	31,0

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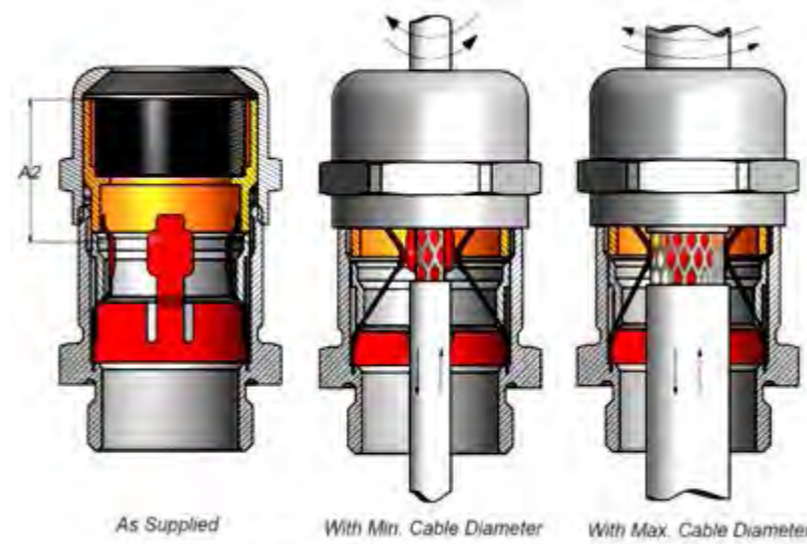
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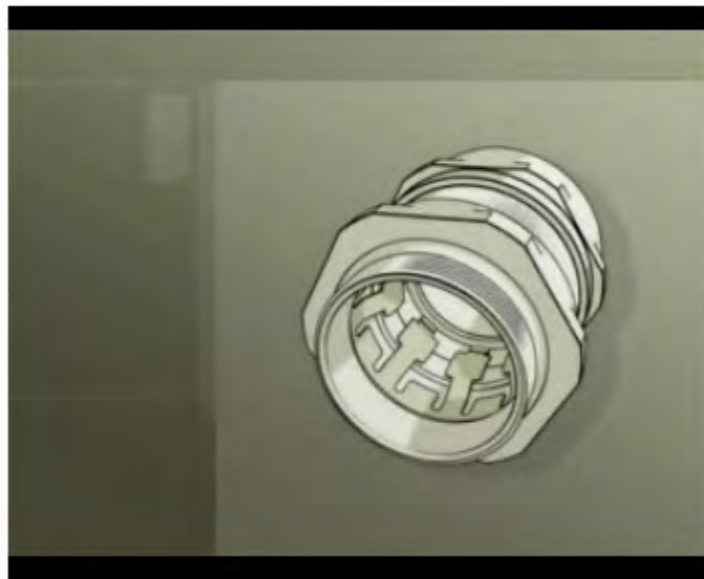


# 4th Generation EMC Cable Glands



These cable glands are developed according to the end users' requirements. Their features can be summarized as follows:  
Easy insertion of the cable from the two sides of the gland.

- Open contact fingers in loose position.
- Free radial and axial movement of the cable without any damage to the cable.
- Easy radial and axial movement of the cable, even in contact position without any damage to the braid with the help of enlarged contact finger surfaces.
- Large contact surfaces of the fingers allow for low contact resistance even on loosely woven cable braids (the contact surfaces do not sink into the braided wires).
- High contact performance even under vibrating conditions with the help of the reduced A2 distance between the "sealing clamping level" and "EMC contact level".



## Technical Details

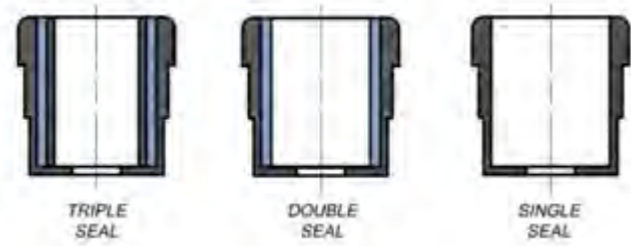
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<b>Clamping insert</b>	: Polyamide 6
<b>Sealing ring</b>	: Chloprene
<b>O ring</b>	: NBR
<b>Protection class</b>	: IP 68
<b>Temp. range</b>	: -40°C to +100°C



Codes	Size	Technical Information						
		TD (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	Max. H (mm)	Clamping Range Ø (min-max) mm	Shield Diameter (Ø min) mm
<b>Metric Thread</b>								
BMEM-ES	M12X1,5	12	6,0	14,0	14,0	28,0	3,0 - 6,5	2,0 - 5,0
BMEM-E1	M16X1,5	16	6,0	20,0	20,0	34,0	5,0 - 10,0	3,5 - 8,0
BMEM-E2S	M20X1,5	20	6,0	22,0	22,0	32,0	6,0 - 12,0	4,5 - 10,0
BMEM-E2	M20X1,5	20	8,0	24,0	24,0	38,0	7,5 - 14,0	5,5 - 11,5
BMEM-E3	M25X1,5	25	8,0	30,0	30,0	42,0	10,0 - 18,0	7,0 - 14,0
BMEM-E4	M32X1,5	32	9,0	40,0	40,0	50,0	16,0 - 25,0	12,0 - 20,0
BMEM-E5	M40X1,5	40	9,0	50,0	50,0	57,0	22,0 - 32,0	18,0 - 27,0
BMEM-E6	M50X1,5	50	9,0	58,0	60,0	67,0	30,0 - 38,0	26,0 - 34,0
BMEM-E7	M63X1,5	63	14,0	68,0	64,0	69,0	34,0 - 44,0	30,0 - 40,0
BMEM-E7L	M63X1,5	63	10,0	75,0	75,0	72,0	37,0 - 53,0	33,0 - 49,0
<b>Pg Thread</b>								
BSEM-E1	Pg7	12,50	6,0	14,0	14,0	22,0	3,0 - 6,5	2,0 - 5,0
BSEM-E2	Pg9	15,20						
BSEM-E3	Pg11	18,60	6,0	20,0	20,0	28,0	5,0 - 10,0	3,5 - 8,0
BSEM-E4	Pg13,5	20,40	6,0	22,0	22,0	26,0	6,0 - 12,0	4,5 - 10,0
BSEM-E5	Pg16	22,50	8,0	24,0	24,0	30,0	7,5 - 14,0	5,5 - 11,5
BSEM-E6	Pg21	28,30	8,0	30,0	30,0	34,0	10,0 - 18,0	7,0 - 14,0
BSEM-E7	Pg29	37,00	9,0	40,0	40,0	41,0	16,0 - 25,0	12,0 - 20,0
BSEM-E8	Pg36	47,00	9,0	50,0	50,0	48,0	22,0 - 32,0	18,0 - 27,0
BSEM-E9	Pg42	54,00	9,0	58,0	60,0		30,0 - 38,0	26,0 - 34,0
BSEM-E0	Pg48	59,30	14,0	68,0	64,0		34,0 - 44,0	30,0 - 40,0
<b>Npt Thread</b>								
BNEM-ES	NPT1/4"		6,0	14,0	14,0	28,0	3,0 - 6,5	2,0 - 5,0
BNEM-E1	NPT3/8"		6,0	20,0	20,0	34,0	5,0 - 10,0	3,5 - 8,0
BNEM-E2S	NPT1/2"		8,0	22,0	22,0	32,0	6,0 - 12,0	4,5 - 10,0
BNEM-E2	NPT1/2"		8,0	24,0	24,0	38,0	7,5 - 14,0	5,5 - 11,5
BNEM-E3	NPT3/4"		8,0	30,0	30,0	42,0	10,0 - 18,0	7,0 - 14,0
BNEM-E4	NPT1"		9,0	40,0	40,0	50,0	16,0 - 25,0	12,0 - 20,0
BNEM-E5	NPT1 1/4"		9,0	50,0	50,0	57,0	22,0 - 32,0	18,0 - 27,0
BNEM-E6	NPT1 1/2"		9,0	58,0	60,0	67,0	30,0 - 38,0	26,0 - 34,0
BNEM-E7	NPT2"		14,0	68,0	64,0	69,0	34,0 - 44,0	30,0 - 40,0

# Double Seal Cable Glands

Double seal cable gland are constructed with double seal, which provides a wide range of clamping. For high temperature resistant (max 300°C) DS gland can be produced with special silicone sealing.



## Technical Details

<b>Material</b>	: Brass Nickel Plated
<b>Sealing ring</b>	: Nitril or Silicone
<b>O ring</b>	: Nitril or Silicone
<b>Protection class</b>	: IP 68
<b>Temp. range</b>	: -40°C to +100°C or -40°C to +300°C



Codes	TECHNICAL INFORMATIONS								
	Size	TD (mm)	TL (mm)	SW (mm)	Max. H (mm)	D (mm)	Clamping Range Ø (min-max) mm		
							Triple Seal	Double Seal	Single Seal
<b>Metric Thread</b>									
BDSM-0S	M12X1,5	12	5	14	16	15,5	-	-	4,0 - 6,0
BDSM-01	M16X1,5	16	5	18	18	20,0	-	4,0 - 6,0	6,5 - 9,0
BDSM-02	M20X1,5	20	6	22	20	25,0	-	4,5 - 7,0	7,0 - 12,0
BDSM-03	M25X1,5	25	7	28	22	31,0	-	10,0 - 13,0	14,0 - 17,5
BDSM-04	M32X1,5	32	8	35	26	39,0	-	14,5 - 18,0	19,0 - 23,5
BDSM-05	M40X1,5	40	8	43	46	47,0	-	16,5 - 23,5	19,5 - 27,0
<b>Pg Thread</b>									
BDSP-01	Pg7	12,50	6,0	14	17,7	16,0	-	-	4,0 - 7,0
BDSP-02	Pg9	15,20	7,5	18	19,5	20,0	-	4,0 - 6,0	6,0 - 10,0
BDSP-03	Pg11	18,60	6,0	22	20,5	25,0	-	5,0 - 7,0	7,0 - 12,0
BDSP-04	Pg13,5	20,40	7,5	24	21,0	27,0	-	8,0 - 10,0	10,0 - 15,0
BDSP-05	Pg16	22,50	6,0	24	21,5	27,0	-	8,0 - 10,0	10,0 - 15,0
BDSP-06	Pg21	28,30	7,5	32	25,0	36,0	-	10,0 - 13,0	13,0 - 20,0
BDSP-07	Pg29	37,00	8,0	40	25,5	45,5	-	19,0 - 21,0	21,0 - 28,0
BDSP-08	Pg36	47,00	8,0	50	27,5	57,0	-	26,0 - 30,0	30,0 - 35,0
BDSP-09	Pg42	54,00	10,0	58	32,0	64,0	-	35,0 - 39,0	39,0 - 44,0
BDSP-10	Pg48	59,30	11,0	64	34,0	72,0	-	37,0 - 40,0	40,0 - 48,0

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# Glands for Big Size Cables

## Technical Details

<b>Material</b>	: Brass Nickel Plated
<b>Sealing ring</b>	: Nitril or Silicone
<b>O ring</b>	: Nitril or Silicone
<b>Protection class</b>	: IP 68
<b>Temp. range</b>	: -40°C to +100°C or -40°C to +300°C



Codes	Technical Information								
	Size	TD (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	Max. H (mm)	D (mm)	Clamping Range Ø (min-max) mm	Type
BDSM-08	M72X2	72	16	77	77	41	86	56,0 - 61,0	A
BDSM-09S	M75X1,5	75	16	77	77	41	86	56,0 - 61,0	A
BDSM-09	M75X2	75	16	90	90	41	86	56,0 - 61,0	A
BDSM-10	M80X2	80	18	90	90	50	100	60,0 - 66,0	A
BDSM-10R	M80X2	80	18	90	90	50	100	50,0 - 56,0	A
BDSM-11	M85X2	85	22	96	96	52	108	68,0 - 76,0	A
BDSM-11R	M85X2	85	22	96	96	50	108	63,0 - 70,0	A
BDSM-12	M90X2	90	22	96	98	52	112	68,0 - 76,0	A
BDSM-14	M120X2	120	25	116	120	65	130	88,0 - 95,0	A

## Technical Details

<b>Material</b>	: Brass Nickel Plated
<b>Sealing ring</b>	: Nitril or Silicone
<b>O ring</b>	: Nitril or Silicone
<b>Protection class</b>	: IP 68
<b>Temp. range</b>	: -40°C to +100°C or -40°C to +300°C



Codes	Technical Information								
	Size	TD (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	Max. H (mm)	D (mm)	Clamping Range Ø (min-max) mm	Type
BDSM-13	M110X2	110	25	110	125	72	134	75,0 - 82,0	B

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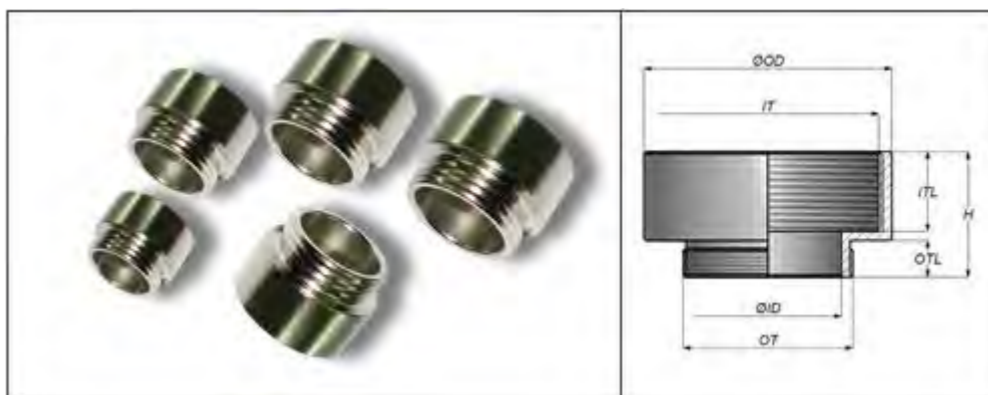
# Enlargers

## Technical Details

**Material** : Brass Nickel Plated

## Index Explanations

**OD** : Outer diameter  
**ID** : Inner diameter  
**OT** : Outer thread  
**IT** : Inner thread  
**OTL** : Outer thread length  
**ITL** : Inner thread length  
**H** : Height



Codes	Technical Information						
	OT	IT	ITL (mm)	OTL (mm)	H (mm)	OD (mm)	ID (mm)
<b>Pg-Pg</b>							
PPE-01	Pg7	Pg9	6.0	5.0	15.0	17.0	9.6
PPE-02	Pg9	Pg11	7.0	6.0	16.5	20.0	11.7
PPE-03	Pg9	Pg13.5	7.0	6.0	17.5	22.0	11.7
PPE-04	Pg11	Pg13.5	8.5	6.0	17.5	22.0	13.8
PPE-05	Pg11	Pg16	8.5	6.0	18.5	24.0	13.8
PPE-06	Pg11	Pg21	8.5	6.5	21.0	30.0	13.8
PPE-07	Pg13.5	Pg16	8.5	6.5	19.0	24.0	16.4
PPE-08	Pg13.5	Pg21	8.5	6.5	21.0	30.0	16.4
PPE-09	Pg16	Pg21	10.0	6.5	21.0	30.0	17.6
PPE-10	Pg16	Pg29	10.0	7.0	23.0	40.0	17.6
PPE-11	Pg21	Pg29	17.0	7.0	23.0	40.0	24.0
PPE-12	Pg29	Pg36	17.5	8.0	27.5	50.0	32.0
PPE-13	Pg36	Pg42	19.0	9.0	31.0	57.0	38.0
PPE-14	Pg42	Pg48	19.5	10.0	33.0	64.0	49.2
<b>Metric-Pg</b>							
MPE-01	M12	Pg9	6.0	5.0	15.0	17.0	8.0
MPE-02	M16	Pg11	7.0	5.0	15.0	20.0	12.0
MPE-03	M20	Pg16	7.5	6.0	18.5	24.0	16.0
MPE-04	M25	Pg21	8.0	7.0	21.5	30.0	20.5
MPE-05	M32	Pg29	8.5	8.0	24.0	40.0	27.5
MPE-06	M40	Pg36	9.0	8.0	27.5	50.0	35.5
MPE-07	M50	Pg42	9.5	9.0	31.0	57.0	45.5
MPE-08	M63	Pg48	10.0	9.0	32.0	64.0	57.5
<b>Metric-Metric</b>							
MME-01	M12	M16	6.0	5.0	15.0	18.0	8.0
MME-02	M16	M20	7.0	5.0	15.5	22.0	12.0
MME-03	M20	M25	7.5	6.0	17.5	27.0	16.0
MME-04	M25	M32	8.0	7.0	19.5	34.0	20.5
MME-05	M32	M40	8.5	8.0	22.5	42.0	27.5
MME-06	M40	M50	9.0	8.0	27.5	52.0	35.5
MME-07	M50	M63	9.5	9.0	31.5	65.0	45.5

# Reducers

## Technical Details

**Material** : Brass Nickel Plated

## Index Explanations

**OD** : Outer diameter  
**ID** : Inner diameter  
**OT** : Outer thread  
**IT** : Inner thread  
**OTL** : Outer thread length  
**ITL** : Inner thread length  
**H** : Height



Codes	Technical Information						
	OT	IT	ITL (mm)	OTL (mm)	H (mm)	OD (mm)	ID (mm)
<b>Pg-Pg</b>							
PPR-01	Pg9	Pg7	8.5	6.0	-	17.0	-
PPR-02	Pg11	Pg7	8.5	6.0	-	20.0	-
PPR-03	Pg11	Pg9	8.5	6.0	-	20.0	-
PPR-04	Pg13.5	Pg7	9.0	6.5	-	22.0	-
PPR-05	Pg13.5	Pg9	9.0	6.5	-	22.0	-
PPR-06	Pg13.5	Pg11	9.0	6.5	-	22.0	-
PPR-07	Pg16	Pg7	9.5	6.5	-	24.0	-
PPR-08	Pg16	Pg9	9.5	6.5	-	24.0	-
PPR-09	Pg16	Pg11	9.5	6.5	-	24.0	-
PPR-10	Pg16	Pg13.5	9.5	6.5	-	24.0	-
PPR-11	Pg21	Pg11	10.0	7.0	-	30.0	-
PPR-12	Pg21	Pg13.5	10.0	7.0	-	30.0	-
PPR-13	Pg21	Pg16	10.0	7.0	-	30.0	-
PPR-14	Pg29	Pg13.5	11.5	8.0	-	39.0	-
PPR-15	Pg29	Pg16	11.5	8.0	-	39.0	-
PPR-16	Pg29	Pg21	11.5	8.0	-	39.0	-
PPR-17	Pg36	Pg21	12.5	9.0	-	50.0	-
PPR-18	Pg36	Pg29	12.5	9.0	-	50.0	-
PPR-19	Pg42	Pg29	14.0	10.0	-	57.0	-
PPR-20	Pg42	Pg36	14.0	10.0	-	57.0	-
PPR-21	Pg48	Pg36	14.0	10.0	-	64.0	-
PPR-22	Pg48	Pg42	14.0	10.0	-	64.0	-
<b>Pg-Metric</b>							
PMR-01	Pg16	M20	8.5	6.0	-	17.0	-
PMR-02	Pg21	M20	10.0	7.0	-	30.0	-
PMR-03	Pg21	M25	10.0	7.0	-	30.0	-
PMR-04	Pg29	M25	11.5	8.0	-	39.0	-
<b>Metric-Metric</b>							
MMR-01	M16	M12	8.5	6.0	-	17.0	-
MMR-02	M20	M12	9.5	6.5	-	22.0	-
MMR-03	M20	M16	9.0	6.5	-	22.0	-
MMR-04	M25	M16	10.0	7.0	-	30.0	-
MMR-05	M25	M20	10.0	7.0	-	30.0	-
MMR-06	M32	M20	11.5	8.0	-	39.0	-
MMR-07	M32	M25	11.5	8.0	-	39.0	-
MMR-08	M40	M25	12.5	9.0	-	50.0	-
MMR-09	M40	M32	12.5	9.0	-	50.0	-
MMR-10	M50	M32	14.0	10.0	-	64.0	-
MMR-11	M50	M40	14.0	10.0	-	64.0	-
MMR-12	M63	M40	14.0	10.0	-	64.0	-
MMR-13	M63	M50	14.0	10.0	-	64.0	-

# Standard Lock Nuts

## Technical Details

**Material** : Brass Nickel Plated



Codes	Technical Information			
	Size	SW (mm)	H (mm)	D (mm)
<b>Metric Thread</b>				
BMBL-01	M12X1,5	15	2,8	16,5
BMBL-02	M16X1,5	19	3,0	20,9
BMBL-03	M20X1,5	24	3,5	26,4
BMBL-04	M25X1,5	30	4,0	33,0
BMBL-05	M32X1,5	36	5,0	39,6
BMBL-06	M40X1,5	46	5,0	50,6
BMBL-07	M50X1,5	60	5,0	66,0
BMBL-08	M63X1,5	70	6,0	77,0
BMBL-09	M72X2,0	77	7,0	86,0
BMBL-10	M75X2,0	80	7,0	89,6
BMBL-11	M80X2,0	90	8,0	99,3
BMBL-12	M85X2,0	95	8,0	106,2
BMBL-13	M90X2,0	100	8,0	113,2
<b>Pg Thread</b>				
BSL-01	Pg7	15	2,8	16,5
BSL-02	Pg9	18	2,8	19,8
BSL-03	Pg11	21	3,0	23,1
BSL-04	Pg13,5	23	3,0	25,3
BSL-05	Pg16	26	3,0	28,6
BSL-06	Pg21	32	3,5	35,2
BSL-07	Pg29	41	4,0	45,1
BSL-08	Pg36	51	5,0	56,1
BSL-09	Pg42	60	5,0	66,0
BSL-10	Pg48	64	5,5	70,4
<b>G(Pf) Thread</b>				
BPFL-01	PF3/8"	22	5,0	24,50
BPFL-02	PF1/2"	27	5,0	30,14
BPFL-03	PF3/4"	33	5,0	36,70
BPFL-04	PF1"	43	5,0	46,70

# Emc Lock Nuts

## Technical Details

**Material** : Brass Nickel Plated



Codes	Technical Information			
	Size	SW (mm)	H (mm)	D (mm)
<b>Metric Thread</b>				
BMEL-01	M12X1,5	15	3,3	16,5
BMEL-02	M16X1,5	19	3,5	20,9
BMEL-03	M20X1,5	24	3,6	26,4
BMEL-04	M25X1,5	30	3,5	33,0
BMEL-05	M32X1,5	36	4,0	39,7
BMEL-06	M40X1,5	46	4,6	50,6
BMEL-07	M50X1,5	60	5,5	66,0
BMEL-08	M63X1,5	70	6,7	77,0
<b>Pg Thread</b>				
BSEL-01	Pg7	15	3,3	16,5
BSEL-02	Pg9	18	3,3	19,8
BSEL-03	Pg11	21	3,5	23,2
BSEL-04	Pg13,5	23	3,5	25,3
BSEL-05	Pg16	26	3,5	28,6
BSEL-06	Pg21	32	4,0	35,2
BSEL-07	Pg29	41	4,6	45,1
BSEL-08	Pg36	51	5,6	56,1
BSEL-09	Pg42	60	5,6	66,0
BSEL-10	Pg48	64	6,1	70,4

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# Stainless Steel Cable Glands

Main usage of these glands are in tunnel lighting and chemical industry where high mechanical resistance is required. Cap and Body can be produced with AISI 303 (1,4305) or AISI 316L (1,4404) type stainless steel.

**Material** : Alt.1: 1,4305 (AISI 303)  
 : Alt.2: 1,4404 (AISI 316L)  
 : (Please specify your type in your orders)  
**Insert** : Polyamide 6  
**Seal** : Choloprene  
**O-ring** : NBR  
**Protection class** : IP 68 - 5 bar



Codes	Technical information								
	Size	TD (mm)	TL (mm)	SW1 (mm)	SW2 (mm)	Max. H (mm)	D (mm)	Clamping Range Ø (min-max) mm	Shield Diameter (Ø min) mm
<b>Metric Thread</b>									
BMSC-0S	M12X1,5	12,0	6,0	14,0	14,0	21,5	15,4	3,0 - 6,5	2,5
BMSC-01	M16X1,5	16,0	7,0	17,0	18,0	23,0	19,8	4,0 - 8,0	3,0
BMSC-02	M20X1,5	20,0	8,0	22,0	22,0	24,3	24,2	6,0 - 12,0	5,0
BMSC-03	M25X1,5	25,0	8,0	24,0	27,0	27,6	29,7	10,0 - 14,0	8,5
BMSC-04	M32X1,5	32,0	9,0	30,0	36,0	31,2	39,6	13,0 - 18,0	11,0
BMSC-05	M40X1,5	40,0	9,0	41,0	46,0	38,5	50,6	18,0 - 25,0	16,0
BMSC-06	M50X1,5	50,0	9,0	50,0	55,0	47,3	60,5	22,0 - 32,0	20,0
BMSC-07	M63X1,5	63,0	14,0	65,0	70,0	50,3	77,0	34,0 - 44,0	31,0
<b>Pg Thread</b>									
BSSC-01	Pg7	12,5	6,0	14,0	14,0	21,8	15,4	3,0 - 6,5	2,5
BSSC-02	Pg9	15,2	6,0	17,0	17,0	22,6	18,7	4,0 - 8,0	3,0
BSSC-03	Pg11	18,6	6,0	22,0	22,0	25,3	24,2	5,0 - 10,0	4,0
BSSC-04	Pg13,5	20,4	6,5	22,0	22,0	24,1	24,2	6,0 - 12,0	5,0
BSSC-05	Pg16	22,5	6,5	24,0	24,0	27,5	26,4	10,0 - 14,0	8,5
BSSC-06	Pg21	28,3	7,2	30,0	30,0	31,2	33,0	13,0 - 18,0	11,0
BSSC-07	Pg29	37,0	8,0	41,0	41,0	39,3	45,1	18,0 - 25,0	16,0
BSSC-08	Pg36	47,0	9,0	50,0	50,0	47,2	55,0	22,0 - 32,0	20,0
BSSC-09	Pg42	54,0	12,0	60,0	60,0	47,7	66,0	30,0 - 38,0	28,0
BSSC-10	Pg48	59,3	14,0	65,0	65,0	52,0	71,5	34,0 - 44,0	31,0

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