



Cable Entry System



Overview

KDL/D and KDL/D-MONO Cable Entry System

The KDL/D and KDL/D-MONO cable entry systems allow a cable to be installed through an enclosure or other bulkhead surfaces, with the added benefit that pre-made, terminated cables can be installed without disassembling the connectors.

The KDL/D Series is a split-frame system that enables the quick and simple installation of up to 48 cables in a single frame. The KDL/D-MONO series is a round split-frame that enables the quick and simple installation of up to 8 cables in a single frame.

The KDL/D and KDL/D-MONO cable systems' robust multi-part frame design gives better mechanical stability while achieving a high degree of environmental protection.



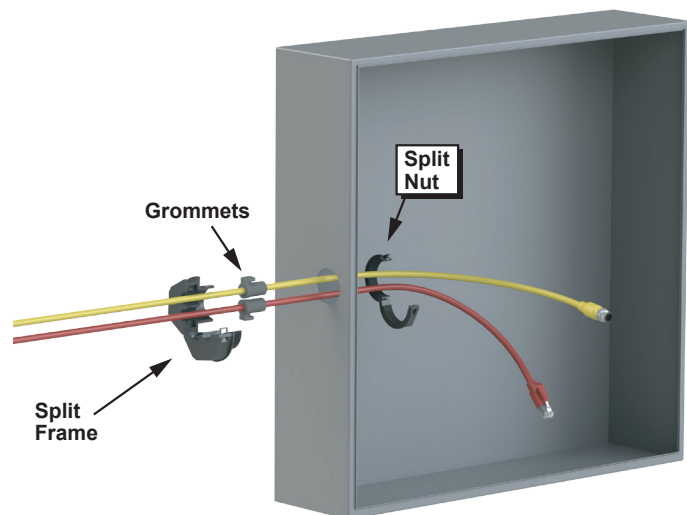
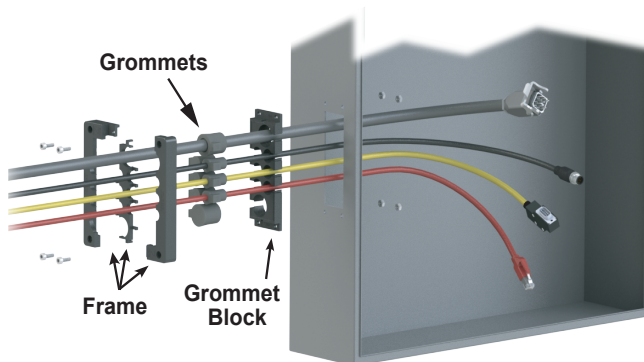
Features

- KDL/D available in 4 frame sizes
- KDL/D-MONO available in 3 frame sizes
- Uninterrupted cable guidance
- Easy assembly
- Integrated strain relief
- Fits standard cut-out dimensions
- High protection class IP65
- Matching grommets: KDT/X
- 2-year warranty
- Operating temperature: -22 to 212°F (-30 to 100°C)
- Flammability: V0 - UL94
- Halogen-free

Agency Approvals

- cURus, meets UL508 under file E481225

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at www.AutomationDirect.com



Mounting hardware not included.
Recommended screw 4 x M5 (2.5 - 3.5 N•m)

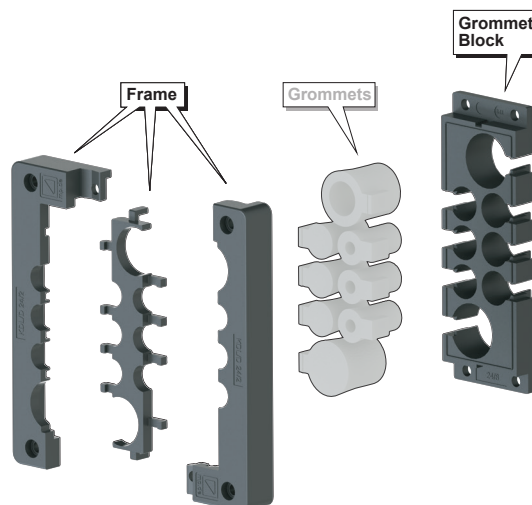


Cable Entry System



KDL/D Series Frames

The KDL/D series is a multi-part split-frame system that clamps together with a grommet block and using the KDT/X series grommets to provide a high-density cable entry point with an IP65 environmental rating. The KDL/D system allows for easy installation of pre-assembled cables as well as non-terminated cable. The KDT/X series grommets are sold separately to allow the correct opening size for each cable. Depending on the grommet and frame combination used, up to 48 cables can be quickly and simply installed in a single frame. The grommet block is included with each frame. The KDT/X grommets are sold separately.



KDL/D Series Frames						
Part Number	Price	Qty	Number of Openings Small / Medium	Type	Drawing Link	Material
Frame Size 24						Frame: PP (Polypropylene) Grommet Block TPE (Thermoplastic Elastomer)
568321	\$27.00	1	12 / 0	KDL/D 24/12	PDF	
568327	\$27.00	1	8 / 1	KDL/D 24/9 ¹	PDF	
568325	\$27.00	1	6 / 2	KDL/D 24/8 ¹	PDF	
568323	\$27.00	1	0 / 4	KDL/D 24/4 ¹	PDF	
Frame Size 16						
568329	\$27.00	1	8 / 0	KDL/D 16/8	PDF	
568328	\$27.00	1	6 / 1	KDL/D 16/7 ¹	PDF	
563830	\$27.00	1	0 / 3	KDL/D 16/3 ¹	PDF	
Frame Size 10						
568331	\$27.00	1	6 / 0	KDL/D 10/6	PDF	
568332	\$27.00	1	4 / 1	KDL/D 10/5 ¹	PDF	
568334	\$27.00	1	0 / 2	KDL/D 10/2 ¹	PDF	
Frame Size 6						
568333	\$18.50	1	4 / 0	KDL/D 6/4	PDF	

Note: ¹ Meets UL508 under file E481225.

Mounting hardware not included with frames. Recommended screw: 4 x M5 (2.5 to 3.5 N•m)



568321



568329



568331



568333

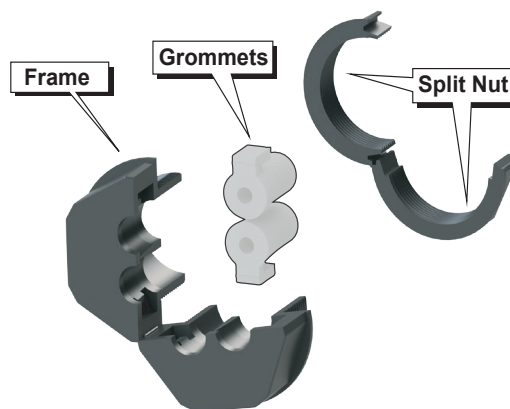


Cable Entry System



KDL/D-MONO Series Frames

The KDL/D-MONO series is a multi-part split-frame system that clamps together using the KDT/X series grommets to provide a high-density cable entry point with an IP65 environmental rating. The KDL/D system allows for easy installation of pre-assembled cables as well as non-terminated cable. The KDT/X series grommets are sold separately to allow the correct opening size for each cable. Depending on the grommet and frame combination used, up to 8 cables can be quickly and simply installed in a single frame. The split nut is included with each frame. The KDT/X grommets are sold separately.



KDL/D-Mono Series Frames						
Part Number	Price	Qty	Number of Openings Small / Medium	Type	Drawing Link	Material
Frame Size M25 x 1.5mm						Frame: Polyamide 6
568610	\$39.50	5	1 / 0	KDL/D-mono 1 M25	PDF	
Frame Size M32 x 1.5mm						
568620	\$42.00	5	0 / 1	KDL/D-mono 1 M32	PDF	
Frame Size M40 x 1.5mm						
568630	\$44.00	5	2 / 0	KDL/D-mono 2 M40	PDF	
568636	\$44.00	5	0 / 1	KDL/D-mono 1 M40	PDF	

Note: Meets UL 508 under file E481225



568610



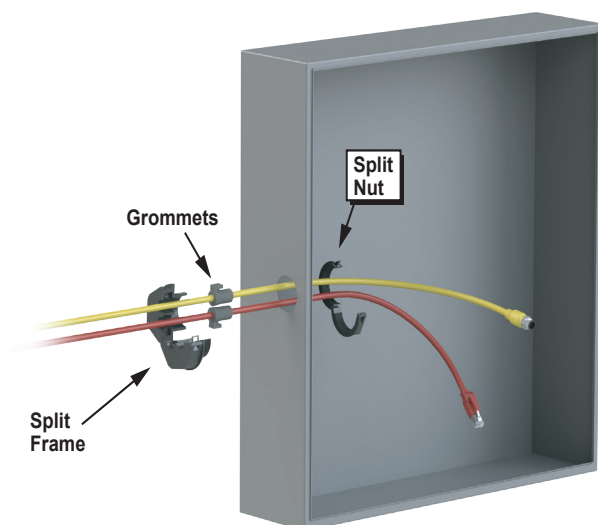
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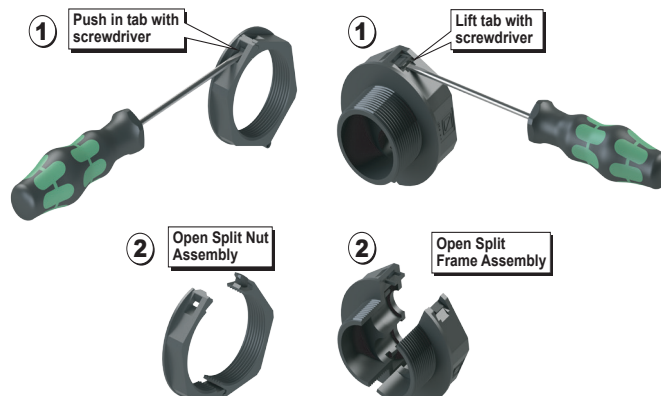
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568636



How to open Split Nut and Split Frame





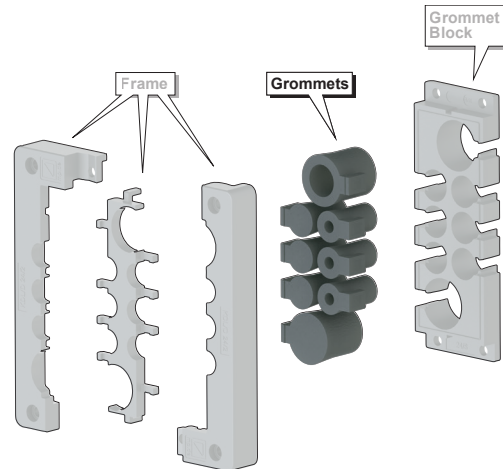
Cable Entry System



KDT/X Series

Grommets (Small)

The KDT/X series grommets are perfect for cable entries of round cables. The small version can accept cable diameters between 0.08 to 0.47 inches (2 to 12 mm). Also available for higher density are the double cable grommets and multi-line grommets that can accept more than a single cable. A blank grommet is also available for any unused small openings in the grommet block.



KDT/X Series Grommets (Small)							
Part Number	Price	Qty	For Use With Cable Ø mm [inches]	Number of Openings	Type	Drawing Link	Material
Small Grommets							TPE (Thermoplastic Elastomer)
568335	\$6.75	4	2 - 3 [0.08 - 0.12]	1	KDT/X 02	PDF	
568337	\$6.75	4	3 - 4 [0.12 - 0.16]		KDT/X 03	PDF	
568339	\$6.75	4	4 - 5 [0.16 - 0.20]		KDT/X 04	PDF	
568341	\$6.75	4	5 - 6 [0.20 - 0.24]		KDT/X 05	PDF	
568343	\$6.75	4	6 - 7 [0.24 - 0.28]		KDT/X 06	PDF	
568345	\$6.75	4	7 - 8 [0.28 - 0.31]		KDT/X 07	PDF	
568347	\$6.75	4	8 - 9 [0.31 - 0.35]		KDT/X 08	PDF	
568349	\$6.75	4	9 - 10 [0.35 - 0.39]		KDT/X 09	PDF	
568351	\$6.75	4	10 - 11 [0.39 - 0.43]		KDT/X 10	PDF	
568353	\$6.75	4	11 - 12 [0.43 - 0.47]		KDT/X 11	PDF	
568395	\$6.75	4	Blank	0	BTK/X	PDF	
Double Cable Grommet For Small Opening							
568399	\$11.50	4	2 [0.08] ²	2	KDT/X 2x2 ¹	PDF	
568403	\$11.50	4	3 [0.12] ²		KDT/X 2x3 ¹	PDF	
568407	\$11.50	4	4 [0.16] ²		KDT/X 2x4 ¹	PDF	
Multi-Line Grommet For Small Opening							
568401	\$11.50	4	2 [0.08] ²	4	KDT/X 4x2 ¹	PDF	
568405	\$11.50	4	3 [0.12] ²		KDT/X 4x3 ¹	PDF	
568409	\$11.50	4	4 [0.16] ²		KDT/X 4x4 ¹	PDF	

Notes: ¹ No UR approval.

² IP65 rating is met when used with cable of specified diameter.



568335



568395



568399



568401



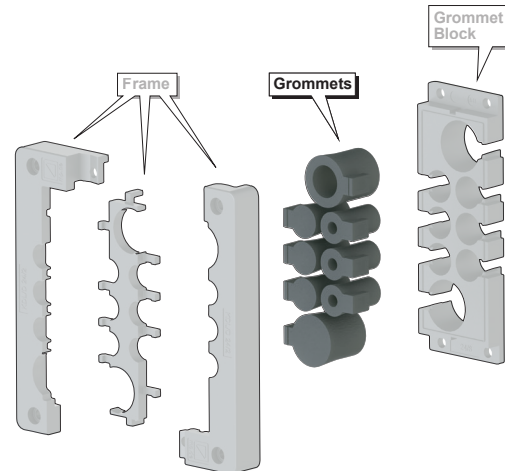
Cable Entry System



KDT/X Series

Grommets (Medium)

The KDT/X series grommets are perfect for round cables. The medium version can accept cable diameters between 0.47 to 0.87 inches (12 to 22mm). Also available for higher cable density are the double cable grommets and multi-line grommets that can accept more than a single cable. A blank grommet is also available for any unused medium openings in the grommet block.



KDT/X Series Grommets (Medium)							
Part Number	Price	Qty	For Use With Cable Ø mm [Inches]	Number of Openings	Type	Drawing Link	Material
Medium Grommets							TPE (Thermoplastic Elastomer)
568355	\$12.50	4	12 - 13 [0.47 - 0.51]	1	KDT/X 12 ¹	PDF	
568357	\$12.50	4	13 - 14 [0.51 - 0.55]		KDT/X 13 ¹	PDF	
568359	\$12.50	4	14 - 15 [0.55 - 0.59]		KDT/X 14 ¹	PDF	
568361	\$12.50	4	15 - 16 [0.59 - 0.63]		KDT/X 15 ¹	PDF	
568363	\$12.50	4	16 - 17 [0.63 - 0.67]		KDT/X 16 ¹	PDF	
568365	\$12.50	4	17 - 18 [0.67 - 0.71]		KDT/X 17 ¹	PDF	
568367	\$12.50	4	18 - 19 [0.71 - 0.75]		KDT/X 18 ¹	PDF	
568369	\$12.50	4	19 - 20 [0.75 - 0.79]		KDT/X 19 ¹	PDF	
568371	\$12.50	4	20 - 21 [0.79 - 0.83]		KDT/X 20 ¹	PDF	
568373	\$12.50	4	21 - 22 [0.83 - 0.87]		KDT/X 21 ¹	PDF	
568391	\$12.50	4	Blank	0	BTG/X	PDF	
Double Cable Grommet For Medium Opening							
568411	\$16.50	4	5 [0.20] ³	2	KDT/X 2x5 ²	PDF	
568414	\$16.50	4	6 [0.24] ³		KDT/X 2x6 ²	PDF	
568416	\$16.50	4	7 [0.28] ³		KDT/X 2x7 ²	PDF	
568419	\$16.50	4	8 [0.31] ³		KDT/X 2x8 ²	PDF	
Multi-Line Grommet For Medium Opening							
568413	\$16.50	4	5 [0.20] ³	4	KDT/X 4x5 ²	PDF	
568415	\$16.50	4	6 [0.24] ³		KDT/X 4x6 ²	PDF	
568417	\$16.50	4	7 [0.28] ³		KDT/X 4x7 ²	PDF	
568421	\$16.50	4	8 [0.31] ³		KDT/X 4x8 ²	PDF	



568355



568391



568411



568413

Notes: ¹ Meets UL508 under file E481225.

² No UR approval.

³ IP65 rating is met when used with cable of specified diameter.



Cable Entry System



ATG/X Series Grommet Adapter

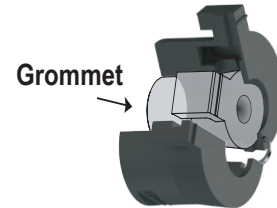
The ATG/X series grommet adapter gives the flexibility of installing a small grommet into medium grommet slots, allowing greater flexibility in your cabling applications.

ATG/X Series Grommet Adapter					
Part Number	Price	Qty	Type	Drawing Link	Material
568393	\$16.00	4	ATG/X ¹	PDF	TPE (Thermoplastic Elastomer)

Note: ¹ No UR approval



568393

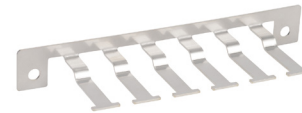


KDL-AB Discharge Plate

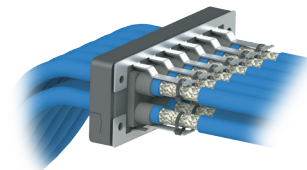
The discharge plate provides a means to eliminate interference that can occur on cable shields. The discharge plate can be used with the KDL/D 24/12 (ADC part number 568321) frame only and should be installed on the inside of the control cabinet, directly to the fixing points of the cable entry frame. The discharge plate is made of high-quality 1.4310 (V2A) stainless steel. The KDL/D 24/12 frame can accommodate either 1 or 2 discharge plates.

KDL-AB Discharge Plate							
Part Number	Price	Qty	Number of Discharges	Type	Material	Drawing Link	For Use With
569321	\$34.00	1	6	KDL-AB 24/6-EMV ¹	Stainless Steel 1.4310 (V2A)	PDF	568321

Note: ¹ No UR approval



569321 shown
in photo below



Features

- High stability
- Easy installation of the screen clip system
- Compact design



Cable Entry System



Overview

KDP/X Cable Entry System

The KDP/X cable entry system allows non-terminated cables to be installed through an enclosure or other bulkhead surfaces, allowing for a high density of cables to pass through a small area. The KDP/X Series is a one-piece system that enables the quick and simple installation of up to 29 cables in a single frame. The KDP/X system's robust multi-part frame design gives better mechanical stability while achieving a high degree of environmental protection.



Features

- Available in 1 frame size
- Quick and easy to install
- Bolt-in or snap-in mounting
- Integrated strain relief
- Fits standard cut-out dimensions
- High protection class IP65
- 2-year warranty
- Operating temperature: -22 to 158°F (-30 to 70°C)
- Flammability: V0 - UL94 (frame)
- Halogen-free

Agency Approvals

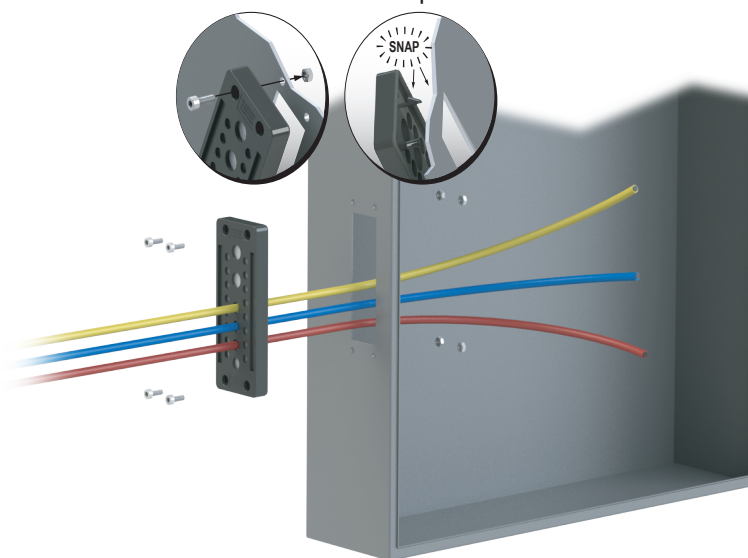
- cURus, meets UL508 under file E481225

Note: To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific component part number's web page.

Two Ways to Mount

Bolt-In

Snap-In



Screw mounting hardware not included with frames. Recommended screw: 4 x M5 (0.8 to 1.2 N•m)
Tool-free clip-in mounting, plate thickness of 0.06 to 0.08 inches (1.5 to 2.0 mm) is required.



Cable Entry System



KDP/X Series Frames

The KDP/X series is a fourth generation cable entry plate with improved tool-free clip-in mounting and one instead of two elastomer plates. This is a great alternative to cable fittings when having a large number of cables and space is an issue. These frames use standard cutouts with tool-free clip-in mounting or screw mounting options.



567345

KDP/X Series Frames						
Part Number	Price	Qty	Number of Openings	Type	Drawing Link	Material
Frame Size 24						Frame: Polyamide 6.6 Seal: TPU/EPDM
567305	\$32.00	1	(2) 3-6.5mm (1) 5-9.2mm (5) 9-14mm (2) 14-20mm	KDP/X 24/10	PDF	
567315	\$32.00	1	(4) 3-6.5mm (4) 5-9.2mm (3) 14-20mm	KDP/X 24/11	PDF	
567325	\$32.00	1	(12) 8-12mm	KDP/X 24/12	PDF	
567335	\$32.00	1	(2) 3-5.5mm (6) 4.1-8.1mm (4) 9-14mm (1) 14-20mm	KDP/X 24/13	PDF	
567345	\$32.00	1	(6) 3-6.5mm (4) 5-9.2mm (4) 9.6-15.9mm	KDP/X 24/14	PDF	
567355	\$32.00	1	(17) 5-9.2mm	KDP/X 27/17	PDF	
567356	\$32.00	1	(11) 3-6.5mm (1) 4.1-8.1mm (5) 8-12.5mm	KDP/X 24/17-1	PDF	
567398	\$32.00	1	(2) 3.5-6.5mm (14) 5-9.2mm (3) 7.5-11.5mm	KDP/X 24/19	PDF	
567365	\$32.00	1	(16) 3-6.5mm (4) 5-9.2mm (2) 8-12.5mm	KDP/X 24/22	PDF	
567399	\$32.00	1	(16) 3.5-6.5mm (4) 7.5-11.5mm (2) 9-14mm	KDP/X 24/22-1	PDF	
567375	\$32.00	1	(23) 4.1-8.1mm	KDP/X 24/23	PDF	
567385	\$32.00	1	(29) 3-6.5mm	KDP/X 24/29	PDF	

Notes:

Screw mounting hardware not included with frames. Recommended screw: 4 x M5 (0.8 to 1.2 N•m)
Tool-free clip-in mounting, plate thickness of 0.06 to 0.08 inches (1.5 to 2.0 mm) is required.



567305



567315



567325



567335



567355



567356



567385



567375



567399



567365



567398

bimed Cable Entry Plates

Overview

BPA Cable Entry Plates

The BPA cable entry systems allow a cable to be installed through an enclosure or other bulkhead surfaces, with the added benefit that pre-made, terminated cables can be installed without disassembling the connectors. The BPA Series is a split-frame system that enables the quick and simple installation of up to 10 cables in a single frame. The grommets are pyramidal and their outer surface shapes are conical. This conicity ensures high strain relief when they are compressed into their conical seats. The BPA cable systems' robust multi-part frame design gives better mechanical stability while achieving a high degree of IP66 and UL Type 12, 13, and 4X environmental protection.



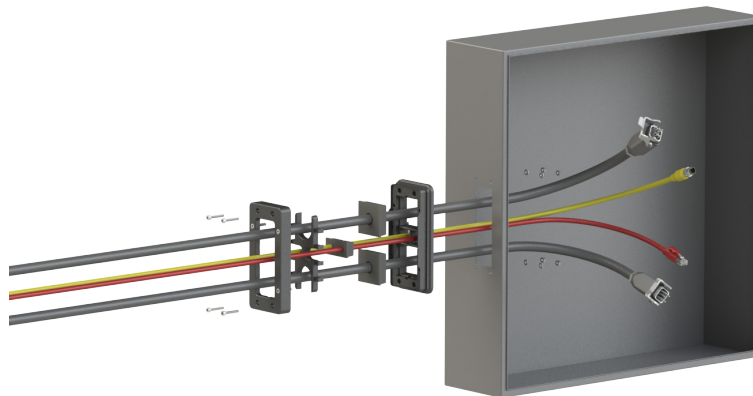
Features

- Uninterrupted cable guidance
- Easy assembly
- Integrated strain relief
- High protection class IP66, UL Type 12, 13, 4X
- Matching grommets: BPA series
- 2-year warranty
- Operating temperature: -40 to +176 °F (-40 to +80 °C)
- Flammability: HB (According to UL94)
- Halogen-free

Agency Approvals

- cURus, meets UL 508A under file E467237

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at www.AutomationDirect.com

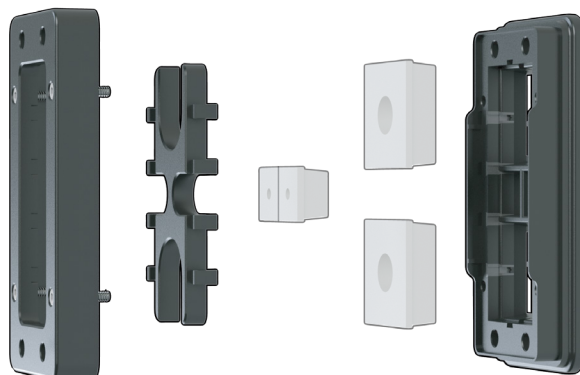


bimed Cable Entry Plates

Overview

BPA Series Frames

The BPA series is a multi-part split-frame system that clamps together with a grommet block and uses the BPA series grommets to provide a high-density cable entry point with an IP66, UL Type 12,13, and 4X environmental rating. The system allows for easy installation of pre-assembled cables as well as non-terminated cable. The BPA series grommets are sold separately to allow the correct opening size for each cable. Depending on the grommet and frame combination used, up to 10 cables can be quickly and simply installed in a single frame. The grommet block is included with each frame.



BPA Series Frames						
Part Number	Price	Qty	Number of Openings Small / Large	Color	Drawing Link	Material
BPA-S-04-1-0	\$17.75	1	2/2	Gray	PDF	Frame and Grommet Block: PA Glass Fiber Reinforced
BPA-S-04-2-0	\$17.75		2/2	Black	PDF	
BPA-S-07-1-0	\$17.75		6/1	Gray	PDF	
BPA-S-07-2-0	\$17.75		6/1	Black	PDF	
BPA-S-10-1-0	\$17.75		10/0	Gray	PDF	
BPA-S-10-2-0	\$17.75		10/0	Black	PDF	
Note: Mounting hardware is included with frames. Screw size: M4x0,7x20 mm Fitted with M3 Allen Head (0.40 Nm)						



[BPA-S-04-1-0](#)



[BPA-S-04-2-0](#)



[BPA-S-07-1-0](#)



[BPA-S-10-1-0](#)



[BPA-S-10-2-0](#)



[BPA-S-07-2-0](#)

bimed Cable Entry Plates

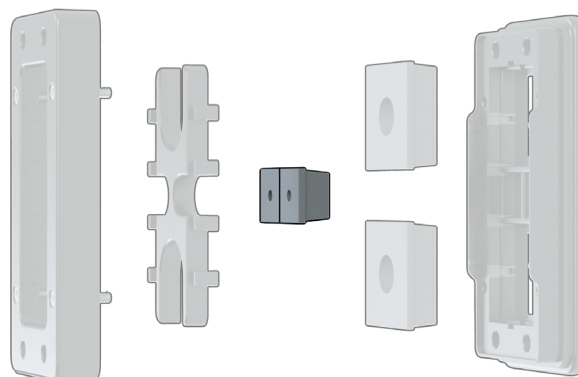


Overview

BPA Series

Grommets (Small)

The BPA series grommets are perfect for cable entries of round cables. The small version can accept cable diameters between 0.138 to 0.61 inches (3.5 to 15.5mm).



BPA Series Grommets (Small)							
Part Number	Price	Qty	For Use With Cable Ø mm [inches]	Number of Openings	Color	Drawing Link	Material
Small Grommets							CR (Chloroprene)
BPA-S-0016C	\$6.00	4	3.5 to 5.5 [0.138 to 0.217]	1	Black	PDF	
BPA-S-0017C	\$6.00		5.5 to 7.5 [0.217 to 0.295]			PDF	
BPA-S-0018C	\$6.00		7.5 to 9.5 [0.295 to 0.374]			PDF	
BPA-S-0019C	\$6.00		9.5 to 11.5 [0.374 to 0.453]			PDF	
BPA-S-0020C	\$6.00		11.5 to 13.5 [0.453 to 0.531]			PDF	
BPA-S-0021C	\$6.00		13.5 to 15.5 [0.531 to 0.61]			PDF	
BPA-S-0029C	\$6.00		Blank	0		PDF	

Notes: Ingress protection is met when used with cable of specified diameter.



[BPA-S-0016C](#)



[BPA-S-0017C](#)



[BPA-S-0018C](#)



[BPA-S-0020C](#)



[BPA-S-0021C](#)



[BPA-S-0029C](#)



[BPA-S-0019C](#)

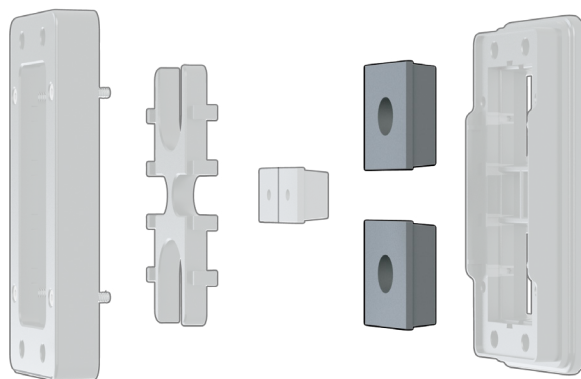
bimed Cable Entry Plates

Overview

BPA Series

Grommets (Large)

The BPA series grommets are perfect for cable entries of round cables. The large version can accept cable diameters between 0.61 to 1.161 inches (15.5 to 29.5 mm).



BPA Series Grommets (Large)							
Part Number	Price	Qty	For Use With Cable Ø mm [Inches]	Number of Openings	Color	Drawing Link	Material
Large Grommets							CR (Chloroprene)
BPA-S-0022C	\$12.00	4	15.5 to 17.5 [0.61 to 0.689]	1	Black	PDF	
BPA-S-0023C	\$12.00		17.5 to 19.5 [0.689 to 0.768]			PDF	
BPA-S-0024C	\$12.00		19.5 to 21.5 [0.768 to 0.846]			PDF	
BPA-S-0025C	\$12.00		21.5 to 23.5 [0.846 to 0.925]			PDF	
BPA-S-0026C	\$12.00		23.5 to 25.5 [0.925 to 1.004]			PDF	
BPA-S-0027C	\$12.00		25.5 to 27.5 [1.004 to 1.083]			PDF	
BPA-S-0028C	\$12.00		27.5 to 29.5 [1.083 to 1.161]			PDF	
BPA-S-0030C	\$12.00		Blank	0		PDF	
Notes: Ingress protection is met when used with cable of specified diameter.							



[BPA-S-0022C](#)



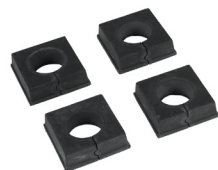
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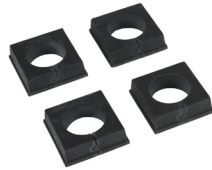
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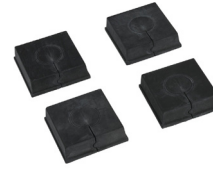
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[BPA-S-0030C](#)

bimed Cable Entry Plates

Overview

BRM Cable Entry System

The BRM cable entry system allows non-terminated cables to be installed through an enclosure or other bulkhead surfaces, allowing for a high density of cables to pass through a small area. The BRM Series is a one-piece system that enables the quick and simple installation of up to 29 cables in a single frame. The Ultra-flexible entrance membrane ensures ingress protection for a large range of cable diameters.



Features

- Available in 1 frame size
- Quick and easy to install
- Bolt-in or snap-in mounting
- Integrated strain relief
- Fits standard cut-out dimensions
- High protection class IP65, UL Type 12,13, 4X
- 2-year warranty
- Operating temperature: -40 to 176°F (-40 to 80°C)
- Flammability: HB (According to UL94)
- Halogen-free

Agency Approvals

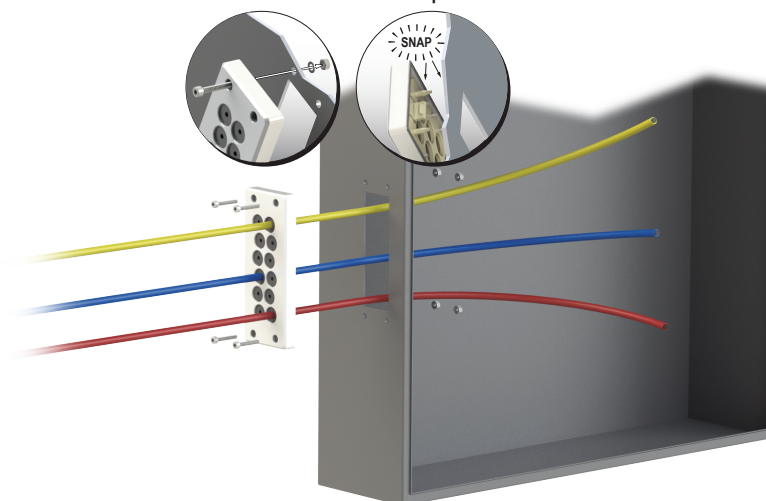
- cURus, meets UL508A under file E467237

Note: To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific component part number's web page.

Two Ways to Mount

Bolt-In

Snap-In



Note: Mounting Hardware not included.

bimed Cable Entry Plates: Frames

Overview

BRM Series Frames

The BRM Series Frames allow non-terminated cables to be installed through an enclosure or other bulkhead surfaces, allowing for a high density of cables to pass through a small area. A special back sealing design ensures "close fit" even if a cable is removed. This unique feature allows a cable to be inserted and removed as needed.

BRM Series Frames						
Part Number	Price	Qty	Number of Openings	Color	Drawing Link	Material
BRM00-1	\$8.00	1	0	Gray	PDF	Frame: PA Glass Fiber Reinforced Seal: Butyl (IIR) Rubber
BRM00-2	\$8.00		0	Black	PDF	
BRM12-1	\$17.25		(12) 4.0 to 13.0 mm	Gray	PDF	
BRM12-2	\$17.25		(12) 4.0 to 13.0 mm	Black	PDF	
BRM14-1	\$17.25		(14) 5.0 to 11.0 mm	Gray	PDF	
BRM14-2	\$17.25		(14) 5.0 to 11.0 mm	Black	PDF	
BRM22-1	\$17.25		(16) 3.0 to 6.5 mm (4) 5.0 to 9.2 mm (2) 8.0 to 12.5 mm	Gray	PDF	
BRM22-2	\$17.25		(16) 3.0 to 6.5 mm (4) 5.0 to 9.2 mm (2) 8.0 to 12.5 mm	Black	PDF	
BRM23-1	\$17.25		(23) 4.0 to 8.5 mm	Gray	PDF	
BRM23-2	\$17.25		(23) 4.0 to 8.5 mm	Black	PDF	
BRM29-1	\$17.25		(29) 4.0 to 7.0 mm	Gray	PDF	
BRM29-2	\$17.25		(29) 4.0 to 7.0 mm	Black	PDF	
Note: Mounting hardware is included with frames. Screw size: M4x0,7x20 mm Fitted with M3 Allen Head (0.40 Nm)						



[BRM00-1](#)



[BRM00-2](#)



[BRM12-1](#)



[BRM12-2](#)



[BRM14-1](#)



[BRM14-2](#)



[BRM23-1](#)



[BRM29-1](#)



[BRM22-1](#)



[BRM23-2](#)



[BRM29-2](#)



[BRM22-2](#)



Cable Entry System



ZL Series Panel Mount Cable Strain Relief Plates

The ZL strain relief plate may be used wherever the strain of cables, conduits, cords, wires or conduits must be relieved or they are to be routed in a secure, easy and cost-effective way. Using this strain relief plate along with any standard cable tie provides a secure and reliable mounting of any cable, cord, wire, or hose.

ZL Series Panel Mount Cable Strain Relief Plates			
Part Number	Price	Description	Drawing Link
566116	\$21.00	Murrplastik ZL series cable strain relief plate, polyamide, 60mm, black, holds (4) cable(s), panel mount. Package of 5.	PDF
566115	\$28.50	Murrplastik ZL series cable strain relief plate, polyamide, 80mm, black, holds (6) cable(s), panel mount. Package of 5.	PDF
566122	\$23.00	Murrplastik ZL series cable strain relief plate, polyamide, 121mm, black, holds (8) cable(s), panel mount. Package of 5.	PDF
566124	\$25.50	Murrplastik ZL series cable strain relief plate, polyamide, 140mm, black, holds (9) cable(s), panel mount. Package of 5.	PDF
566126	\$32.00	Murrplastik ZL series cable strain relief plate, polyamide, 180mm, black, holds (12) cable(s), panel mount. Package of 5.	PDF

Note: No UR approval

Features

- High stability
- Easy installation
- Polyamide 6.6
- Operating temperature: -40 to 125°C [-40 to 257°F]
- Panel mount
- Flammability: V0
-



KAF Series DIN Rail Mount Cable Strain Relief Plates

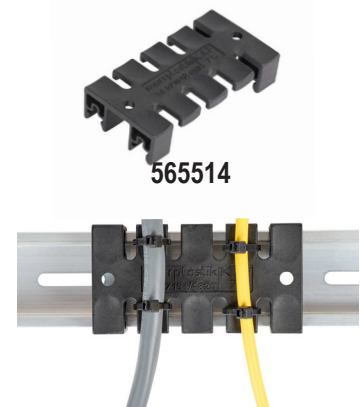
The KAF strain relief plate may be used wherever the strain on cables, cords, wires or hoses must be strain relieved and routed in a secure, easy and cost effective way. The plate can be easily mounted to any standard 35mm DIN rail (ADC Part Number [DN-R35S1](#)). Installation is a simple snap-on process. No tools are required. Using this strain relief plate along with any standard cable tie provides a secure and reliable mounting of any cable, cord, wire, or hose.

KAF Series Din Rail Mount Cable Strain Relief Plates			
Part Number	Price	Description	Drawing Link
565510	\$6.75	Murrplastik KAF series cable strain relief plate, polyamide, 11mm, black, holds (1) cable(s), 35mm DIN rail mount. Package of 5.	PDF
565514	\$13.00	Murrplastik KAF series cable strain relief plate, polyamide, 75mm, black, holds (5) cable(s), 35mm DIN rail mount. Package of 5.	PDF
565518	\$17.50	Murrplastik KAF series cable strain relief plate, polyamide, 140mm, black, holds (9) cable(s), 35mm DIN rail mount. Package of 5.	PDF

Note: No UR approval

Features

- High stability
- Easy installation
- Compact design
- Polyamide 6.6
- Operating temperature: -40 to 125°C [-40 to 257°F]
- 35mm DIN rail mount
- Flammability: V0



What is a Cable Gland?

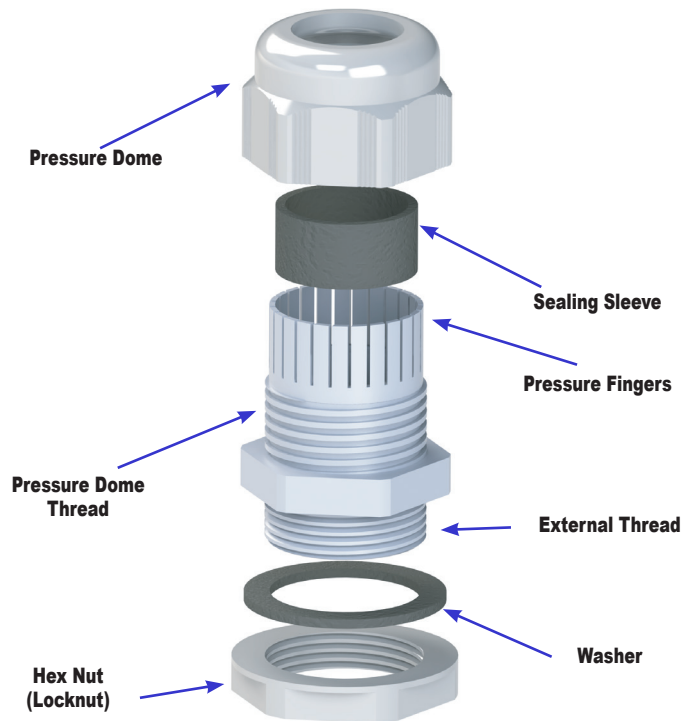
A cable gland, commonly known as a cable connector or fitting, is a device designed to attach and secure the end of a cable to electrical equipment. Cable glands provide strain relief and typically seal out dust, dirt and even liquids.

Cable glands are generally used throughout a number of industries in conjunction with cable and wiring used in electrical instrumentation and automation systems. They may be used on all types of electrical power, control, instrumentation, data and telecommunications cables. A key function of cable glands is to seal and terminate electrical equipment to ensure that the characteristics of the enclosure which the cable enters can be maintained.

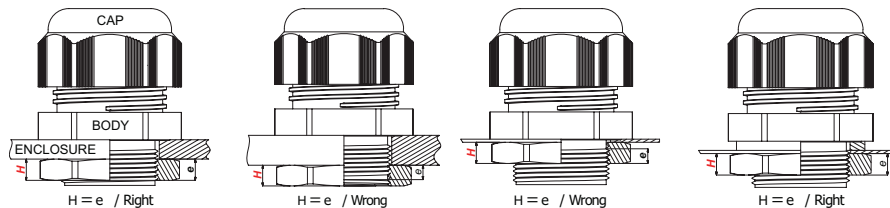
Typical Cable Gland Construction Materials:

- Plastic
- Brass
- Aluminium
- Stainless steel

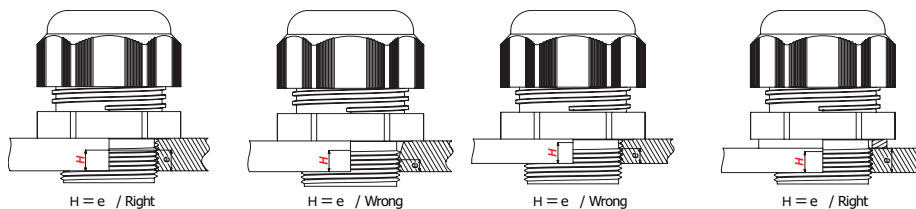
Although cable glands are often called "connectors," a technical distinction can be made in the terminology, which differentiates them from quick-disconnect, conducting electrical connectors. The distinction is often not made.



Assembling with hex nut on non threaded enclosure

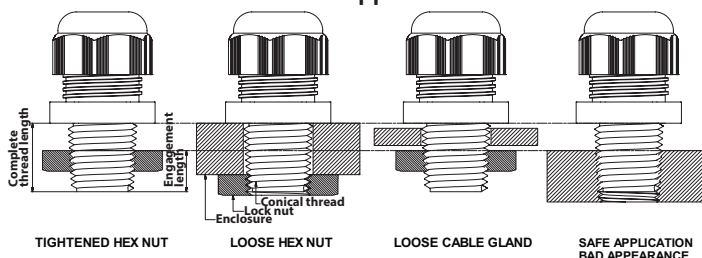


Assembling with hex nut on threaded enclosure



- The engaged thread length "e" must be equal or longer than relevant hex nut thickness "H"
- The thread dimensions and tolerances on threaded enclosures must coincide with the relevant thread standard.
- The gland body must be mounted to the enclosure.
- The body or the hex nut must be tightened according to the recommended torque.
- It is recommended that a double wrench be used for non-threaded enclosures.
- For cable assembly, the cap must be tightened according to the recommended torque.
- During cable assembly or disassembly, the gland body must be kept fixed. Utilize a double wrench for this purpose.

NPT Thread Application



HEX NUT

Relevant Hex Nut Thickness (mm)

Brass	±0.5	Plastic
M12	2.8	—
PG7 to PG9	2.8	—
M16	3	—
PG11 to PG16	3	—
M20	3.5	—
PG21	3.5	—
M25	4	—
PG29	4	—
M32 to M50	5	M12 to M16
PG36 to PG42	5	PG7 to PG11
NPT 3/8 to 1/2	5	—
PG48	5.5	—
M63	6	M29 to M40
NPT 3/4 to 1	6	PG13.5 to PG16
—	7	M32 to M40
—	7	NPT 3/8 to 1"
—	7	PG21 to PG29
—	8	M50 to M63
—	8	PG36 to PG48

bimed Standard Series Plastic Euro Metric Thread Cable Glands

Material

- Body: PA 6 (Polyamide 6)
- Cap: PA 6 (Polyamide 6)
- Seal: CR (Chloroprene Rubber)

Flammability

- V2 (According to UL 94)

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -30 to +150°C (-22 to +302°F)

Attachment Thread

- EN 60423

Body

- Manufactured according to the requirements of EN 50262

Approvals

- UL File # E199260, CSA File # 190896

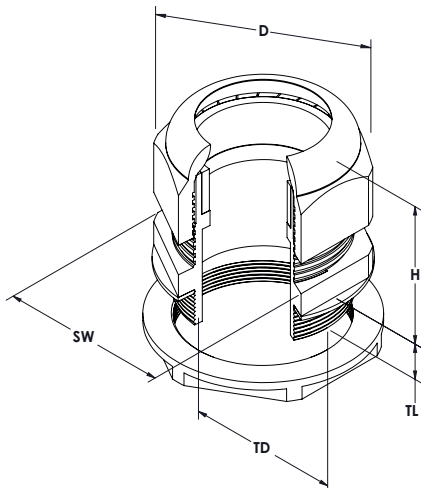


To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



Plastic Euro Metric Thread Cable Glands												
Light Gray	Black	Price	Qty	Thread Size	Clamping Range mm [in]	Recommended Tightening Torque		Dimensions mm [in]				
						N-m [lb-ft]	Tolerance	SW	TL	H	D	TD
<u>BM-ENX-1S-W</u>	<u>BM-ENX-2S-W</u>	\$2.50	5	M12 x 1.5 mm	3.0 - 6.5 [0.12 - 0.26]	2.0 [1.48]	±0.5 [±0.37]	15.0 [0.59]	8.0 [0.31]	22.0 [0.87]	17.1 [0.67]	12.0 [0.47]
<u>BM-ENX-11-W</u>	<u>BM-ENX-21-W</u>	\$2.50	5	M16 x 1.5 mm	4.0 - 8.0 [0.16 - 0.31]	2.5 [1.84]	±0.5 [±0.37]	19.0 [0.75]	8.0 [0.31]	25.0 [0.98]	21.6 [0.85]	16.0 [0.63]
<u>BM-ENX-12-W</u>	<u>BM-ENX-22-W</u>	\$3.25	5	M20 x 1.5 mm	6.0 - 12.0 [0.24 - 0.47]	5.0 [3.69]	±0.5 [±0.37]	24.0 [0.94]	10.0 [0.39]	29.0 [1.14]	27.7 [1.09]	20.0 [0.79]
<u>BM-ENX-13-W</u>	<u>BM-ENX-23-W</u>	\$4.25	5	M25 x 1.5 mm	11.0 - 17.0 [0.43 - 0.67]	5.0 [3.69]	±1.0 [±0.74]	29.0 [1.14]	8.0 [0.31]	34.0 [1.34]	32.5 [1.28]	25.0 [0.98]
<u>BM-ENX-14-W</u>	<u>BM-ENX-24-W</u>	\$9.50	5	M32 x 1.5 mm	15.0 - 21.0 [0.59 - 0.86]	6.0 [4.43]	±1.0 [±0.74]	36.0 [1.42]	10.0 [0.39]	41.0 [1.61]	41.0 [1.61]	32.0 [1.26]
<u>BM-ENX-15-W</u>	<u>BM-ENX-25-W</u>	\$6.75	2	M40 x 1.5 mm	19.0 - 28.0 [0.74 - 1.10]	5.0 [3.69]	±1.0 [±0.74]	46.0 [1.81]	10.0 [0.39]	45.5 [1.79]	52.4 [2.06]	40.0 [1.57]
<u>BM-ENX-16-W</u>	<u>BM-ENX-26-W</u>	\$13.50	2	M50 x 1.5 mm	30.0 - 38.0 [1.18 - 1.50]	22 [16.23]	±2.0 [±1.48]	60.0 [2.36]	18.0 [0.71]	49.0 [1.93]	67.7 [2.67]	50.0 [1.97]
<u>BM-ENX-17-W</u>	<u>BM-ENX-27-W</u>	\$14.00	2	M63 x 1.5 mm	34.0 - 44.0 [1.34 - 1.73]	23 [16.96]	±2.5 [±1.84]	65.0 [2.56]	18.0 [0.71]	49.0 [1.93]	72.2 [2.84]	63.0 [2.48]

Note: Hex nut and washer included.



See our website: www.AutomationDirect.com
for complete engineering drawings

UL Part # Cross Reference

UL Part #	Part #
BM-EN-1S	BM-ENX-1S-W
BM-EN-11	BM-ENX-11-W
BM-EN-12	BM-ENX-12-W
BM-EN-13	BM-ENX-13-W
BM-EN-14	BM-ENX-14-W
BM-EN-15	BM-ENX-15-W
BM-EN-16	BM-ENX-16-W
BM-EN-17	BM-ENX-17-W
BM-EN-2S	BM-ENX-2S-W
BM-EN-21	BM-ENX-21-W
BM-EN-22	BM-ENX-22-W
BM-EN-23	BM-ENX-23-W
BM-EN-24	BM-ENX-24-W
BM-EN-25	BM-ENX-25-W
BM-EN-26	BM-ENX-26-W
BM-EN-27	BM-ENX-27-W



Standard Series Plastic PG Thread Cable Glands

Material

- Body: PA 6 (Polyamide 6)
- Cap: PA 6 (Polyamide 6)
- Seal: CR (Chloroprene Rubber)

Flammability

- V2 (According to UL 94)

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -30 to +150°C (-22 to +302°F)

Attachment Thread

- DIN 40430

Body

- Manufactured according to the requirements of EN 50262

Approvals

- UL File # E199260, CSA File # 190896



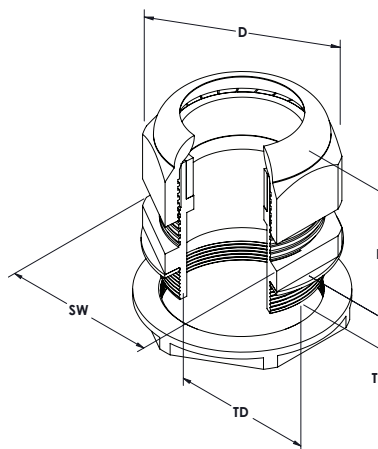
To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



Plastic PG Thread Cable Glands												
Light Gray	Black	Price	Qty	Thread Size	Clamping Range mm [in]	Recommended Tightening Torque		Dimensions – mm [in]				
						N-m [lb-ft]	Tolerance	SW	TL	H	D	TD
BMX-11-W	BMX-21-W	\$2.50	5	PG7	3.0 - 6.5 [0.12 - 0.26]	2.0 [1.48]	±0.5 [±0.37]	15.0 [0.59]	8.0 [0.31]	23.0 [0.91]	17.2 [0.68]	12.4 [0.49]
BMX-12-W	BMX-22-W	\$2.50	5	PG9	4.0 - 8.0 [0.16 - 0.31]	2.5 [1.84]	±0.5 [±0.37]	19.0 [0.75]	8.0 [0.31]	26.5 [1.04]	21.9 [0.86]	15.1 [0.59]
BMX-13-W	BMX-23-W	\$2.50	5	PG11	5.0 - 10.0 [0.20 - 0.39]	2.5 [1.84]	±0.5 [±0.37]	22.0 [0.87]	8.0 [0.31]	22.0 [0.87]	25.2 [0.99]	18.5 [0.73]
BMX-14-W	BMX-24-W	\$3.25	5	PG13.5	6.0 - 12.0 [0.24 - 0.47]	5.0 [3.69]	±0.5 [±0.37]	24.0 [0.94]	10.0 [0.39]	29.5 [1.16]	27.7 [1.09]	20.3 [0.80]
BMX-15-W	BMX-25-W	\$3.75	5	PG16	10.0 - 14.0 [0.39 - 0.55]	5.5 [4.06]	±0.5 [±0.37]	27.0 [1.06]	10.0 [0.39]	32.5 [1.28]	31.0 [1.22]	22.5 [0.89]
BMX-16-W	BMX-26-W	\$4.75	5	PG21	13.0 - 18.0 [0.51 - 0.71]	5.5 [4.06]	±0.5 [±0.37]	33.0 [1.30]	11.0 [0.43]	35.0 [1.38]	37.2 [1.46]	28.1 [1.11]
BMX-17-W	BMX-27-W	\$10.00	5	PG29	18.0 - 25.0 [0.71 - 0.98]	7.5 [5.53]	±0.5 [±0.37]	42.0 [1.65]	11.0 [0.43]	42.0 [1.65]	47.2 [1.86]	37.0 [1.46]
BMX-18-W	BMX-28-W	\$19.50	2	PG36	22.0 - 32.0 [0.87 - 1.26]	15.0 [11.06]	±0.5 [±0.37]	53.0 [2.09]	13.0 [0.51]	52.0 [2.05]	60.0 [2.36]	46.8 [1.84]
BMX-19-W	BMX-29-W	\$13.50	2	PG42	30.0 - 38.0 [1.18 - 1.50]	18.0 [13.28]	±1.0 [±0.74]	60.0 [2.36]	13.0 [0.51]	54.5 [2.15]	67.7 [2.67]	54.0 [2.13]
BMX-20-W	BMX-30-W	\$14.00	2	PG48	34.0 - 44.0 [1.34 - 1.73]	20.0 [14.75]	±1.0 [±0.74]	65.0 [2.56]	14.0 [0.55]	54.5 [2.15]	72.2 [2.84]	59.0 [2.32]

Note: Hex nut and washer included.

UL Part # Cross Reference			
UL Part #	Part #	UL Part #	Part #
BS-11	BMX-11-W	BS-21	BMX-21-W
BS-12	BMX-12-W	BS-22	BMX-22-W
BS-13	BMX-13-W	BS-23	BMX-23-W
BS-14	BMX-14-W	BS-24	BMX-24-W
BS-15	BMX-15-W	BS-25	BMX-25-W
BS-16	BMX-16-W	BS-26	BMX-26-W
BS-17	BMX-17-W	BS-27	BMX-27-W
BS-18	BMX-18-W	BS-28	BMX-28-W
BS-19	BMX-19-W	BS-29	BMX-29-W
BS-20	BMX-20-W	BS-30	BMX-30-W



See our website: www.AutomationDirect.com
for complete Engineering drawings



Standard Series Plastic NPT Thread Cable Glands

Material

- Body: PA 6 (Polyamide 6)
- Cap: PA 6 (Polyamide 6)
- Seal: CR (Chloroprene Rubber)

Flammability

- V2 (According to UL 94)

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -30 to +150°C (-22 to +302°F)

Attachment Thread

- ANSI B 1.20.1

Body

- Manufactured according to the requirements of EN 50262

Approvals

- UL File # E199260, CSA File # 190896



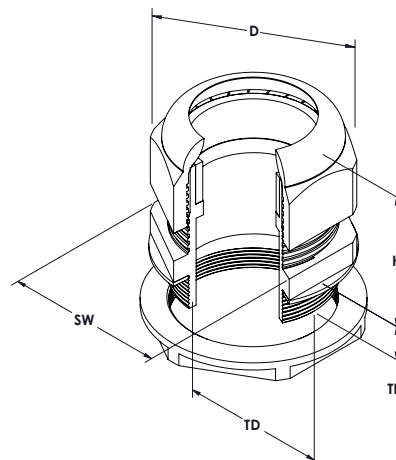
To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



Plastic NPT Thread Cable Glands												
Light Gray	Black	Price	Qty	Thread Size	Clamping Range mm [in]	Recommended Tightening Torque		Dimensions mm [in]				
						N-m [lb-ft]	Tolerance	SW	TL	H	D	TD
<u>BSPAX-11-W</u>	<u>BSPAX-21-W</u>	\$4.25	5	NPT 3/8"	5.0 - 10.0 [0.20 - 0.39]	2.5 [1.84]	±0.5 [±0.37]	22.0 [0.87]	15.0 [0.59]	29.0 [1.14]	25.1 [0.99]	17.1 [0.67]
<u>BSPBX-12-W</u>	<u>BSPBX-22-W</u>	\$5.50	5	NPT 1/2"	6.0 - 12.0 [0.24 - 0.47]	4.0 [2.95]	±0.5 [±0.37]	23.9 [0.94]	15.0 [0.59]	30.5 [1.20]	27.7 [1.09]	21.3 [0.84]
<u>BSPCX-12-W</u>	<u>BSPCX-22-W</u>	\$7.50	5	NPT 1/2"	10.0 - 14.0 [0.39 - 0.55]	5.0 [3.69]	±0.5 [±0.37]	27.0 [1.06]	15.0 [0.59]	32.1 [1.26]	31.0 [1.22]	20.3 [0.80]
<u>BSPDX-13-W</u>	<u>BSPDX-23-W</u>	\$8.75	5	NPT 3/4"	13.0 - 18.0 [0.51 - 0.71]	5.5 [4.06]	±0.5 [±0.37]	33.0 [1.30]	15.0 [0.59]	35.4 [1.39]	37.2 [1.46]	26.7 [1.05]
<u>BSPX-14-W</u>	<u>BSPX-24-W</u>	\$17.00	5	NPT 1"	18.0 - 25.0 [0.71 - 0.98]	7.5 [5.53]	±0.5 [±0.37]	41.9 [1.65]	18.0 [0.71]	40.5 [1.59]	47.5 [1.87]	33.4 [1.31]

Note: Hex nut and washer included.

UL Part # Cross Reference	
UL Part #	Part #
BSPA-11	BSPAX-11-W
BSPB-12	BSPBX-12-W
BSPC-12	BSPCX-12-W
BSPD-13	BSPDX-13-W
BSP-14	BSPX-14-W
BSPA-21	BSPAX-21-W
BSPB-22	BSPBX-22-W
BSPC-22	BSPCX-22-W
BSPD-23	BSPDX-23-W
BSP-24	BSPX-24-W



See our website: www.AutomationDirect.com for complete Engineering drawings

bimed Protection Series Plastic Metric Thread Cable Glands

Material

- Body: PA 6 (Polyamide 6)
- Cap: PA 6 (Polyamide 6)
- Seal: CR (Chloroprene Rubber)
- Locknut: PA 6 (Polyamide 6), 30% glass fiber reinforced

Flammability

- V2 (According to UL 94)

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -30 to +150°C (-22 to +302°F)

Attachment Thread

- EN 60423

Body

- Manufactured according to the requirements of EN 50262

Approvals

- UL File # E199260, CSA File # 190896



To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



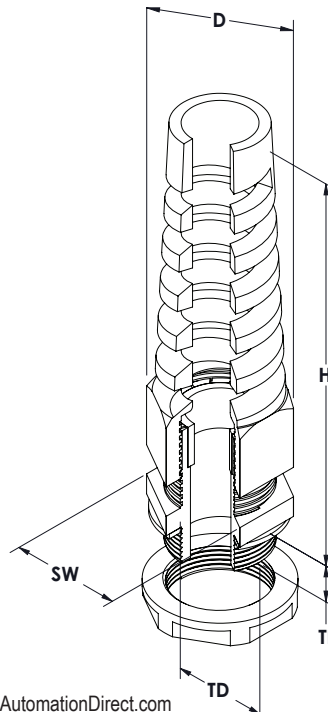
Cable Protection Series Plastic Metric Thread Strain Relief Cable Glands

Light Gray	Black	Price	Qty	Thread Size	Clamping Range mm [in]	Recommended Tightening Torque		Dimensions mm [in]				
						N-m [lb-ft]	Tolerance	SW	TL	H	D	TD
<u>BMSPX-1S-W</u>	<u>BMSPX-2S-W</u>	\$4.25	5	M12 x 1.5 mm	3.0 - 6.5 [0.12 - 0.26]	2.0 [1.48]	±0.5 [±0.37]	15.0 [0.59]	8.0 [0.31]	56.0 [2.20]	17.1 [0.67]	12.0 [0.47]
<u>BMSPX-11-W</u>	<u>BMSPX-21-W</u>	\$4.75	5	M16 x 1.5 mm	5.0 - 10.0 [0.20 - 0.39]	2.5 [1.84]	±0.5 [±0.37]	22.0 [0.87]	10.0 [0.39]	81.5 [3.21]	25.0 [0.98]	16.0 [0.63]
<u>BMSPX-13-W</u>	<u>BMSPX-23-W</u>	\$8.75	5	M20 x 1.5 mm	10.0 - 14.0 [0.39 - 0.55]	5.5 [4.06]	±0.5 [±0.37]	27.0 [1.06]	10.0 [0.39]	106.5 [4.19]	30.8 [1.21]	20.0 [0.79]
<u>BMSPX-15-W</u>	<u>BMSPX-25-W</u>	\$11.50	5	M25 x 1.5 mm	13.0 - 18.0 [0.51 - 0.71]	8.0 [5.90]	±0.5 [±0.37]	33.0 [1.30]	10.0 [0.39]	117.0 [4.61]	37.8 [1.49]	25.0 [0.98]

Note: Hex nut and washer included.

UL Part # Cross Reference

UL Part #	Part #
BMSP-1S	BMSPX-1S-W
BMSP-11	BMSPX-11-W
BMSP-13	BMSPX-13-W
BMSP-15	BMSPX-15-W
BMSP-2S	BMSPX-2S-W
BMSP-21	BMSPX-21-W
BMSP-23	BMSPX-23-W
BMSP-25	BMSPX-25-W



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bimed Protection Series Plastic PG Thread Cable Glands

Material

- Body: PA 6 (Polyamide 6)
- Cap: PA 6 (Polyamide 6)
- Seal: CR (Chloroprene Rubber)
- Locknut: PA 6 (Polyamide 6), 30% glass fiber reinforced

Attachment Thread

- EN 60423

Body

- Manufactured according to the requirements of EN 50262

Approvals

- UL File # E199260, CSA File # 190896

Flammability

- V2 (According to UL 94)

Protection Class

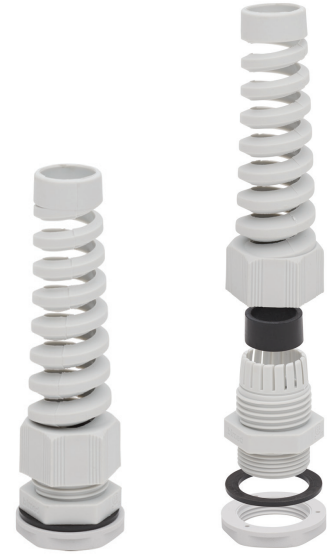
- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -30 to +150°C (-22 to +302°F)



To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



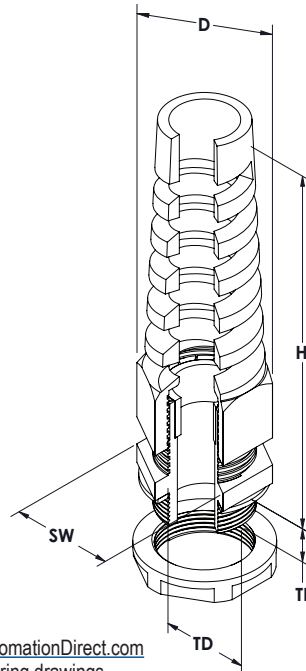
Cable Protection Series Plastic PG Thread Strain Relief Cable Glands

Light Gray	Black	Price	Qty	Thread Size	Clamping Range mm [in]	Recommended Tightening Torque		Dimensions mm [in]				
						N-m [lb-ft]	Tolerance	SW	TL	H	D	TD
<u>BSSPX-11-W</u>	<u>BSSPX-21-W</u>	\$3.25	5	PG7	3.0 - 6.5 [0.12 - 0.26]	2.0 [1.48]	±0.5 [±0.37]	15.0 [0.59]	8.0 [0.31]	56.0 [2.20]	12.4 [0.49]	12.4 [0.49]
<u>BSSPX-12-W</u>	<u>BSSPX-22-W</u>	\$3.75	5	PG9	4.0 - 8.0 [0.16 - 0.31]	2.5 [1.84]	±0.5 [±0.37]	19.0 [0.75]	8.0 [0.31]	69.0 [2.72]	15.1 [0.59]	15.1 [0.59]
<u>BSSPX-13-W</u>	<u>BSSPX-23-W</u>	\$4.25	5	PG11	5.0 - 10.0 [0.20 - 0.39]	2.5 [1.84]	±0.5 [±0.37]	22.0 [0.87]	8.0 [0.31]	82.5 [3.25]	18.5 [0.73]	18.5 [0.73]
<u>BSSPX-14-W</u>	<u>BSSPX-24-W</u>	\$4.75	5	PG13.5	6.0 - 12.0 [0.24 - 0.47]	5.0 [3.69]	±0.5 [±0.37]	24.0 [0.94]	9.0 [0.35]	94.0 [3.70]	27.8 [1.09]	20.3 [0.80]
<u>BSSPX-15-W</u>	<u>BSSPX-25-W</u>	\$8.25	5	PG16	10.0 - 14.0 [0.39 - 0.55]	5.5 [4.06]	±0.5 [±0.37]	27.0 [1.06]	10.0 [0.39]	106.0 [4.17]	31.1 [1.22]	22.5 [0.89]
<u>BSSPX-16-W</u>	<u>BSSPX-26-W</u>	\$10.50	5	PG21	13.0 - 18.0 [0.51 - 0.71]	5.5 [4.06]	±0.5 [±0.37]	33.0 [1.30]	11.0 [0.43]	117.0 [4.61]	37.8 [1.49]	28.1 [1.11]

Note: Hex nut and washer included.

UL Part # Cross Reference

UL Part #	Part #
BSSP-11	BSSPX-11-W
BSSP-12	BSSPX-12-W
BSSP-13	BSSPX-13-W
BSSP-14	BSSPX-14-W
BSSP-15	BSSPX-15-W
BSSP-16	BSSPX-16-W
BSSP-21	BSSPX-21-W
BSSP-22	BSSPX-22-W
BSSP-23	BSSPX-23-W
BSSP-24	BSSPX-24-W
BSSP-25	BSSPX-25-W
BSSP-26	BSSPX-26-W



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bimed Protection Series Plastic NPT Thread Cable Glands

Material

- Body: PA 6 (Polyamide 6)
- Cap: PA 6 (Polyamide 6)
- Seal: CR (Chloroprene Rubber)
- Locknut: PA 6 (Polyamide 6), 30% glass fiber reinforced

Attachment Thread

- ANSI B 1.20.1

Body

- Manufactured according to the requirements of EN 50262

Approvals

- UL File # E199260, CSA File # 190896

Flammability

- V2 (According to UL 94)

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -30 to +150°C (-22 to +302°F)



To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



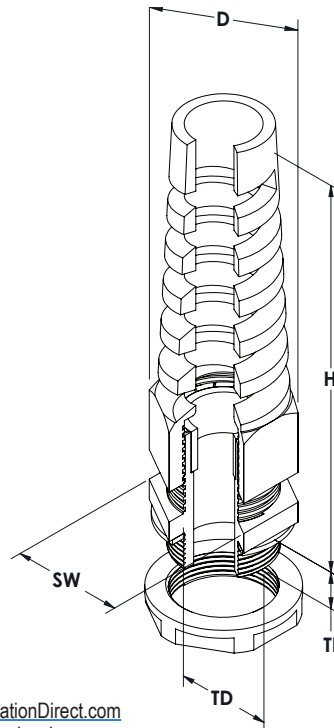
Cable Protection Series Plastic NPT Thread Cable Glands

Light Gray	Black	Price	Qty	Thread Size	Clamping Range mm [in]	Recommended Tightening Torque		Dimensions mm [in]				
						N·m [lb·ft]	Tolerance	SW	TL	H	D	TD
<u>BNSPAX-11-W</u>	<u>BNSPAX-21-W</u>	\$5.50	5	NPT 3/8"	5.0 - 10.0 [0.20 - 0.39]	2.5 [1.84]	±0.5 [±0.37]	22.0 [0.87]	15.0 [0.59]	80.4 [3.17]	25.3 [1.00]	17.1 [0.67]
<u>BNSPBX-12-W</u>	<u>BNSPBX-22-W</u>	\$8.25	5	NPT 1/2"	6.0 - 12.0 [0.24 - 0.47]	4.0 [2.95]	±0.5 [±0.37]	24.0 [0.94]	15.0 [0.59]	94.7 [3.73]	27.6 [1.09]	21.3 [0.84]
<u>BNSPDX-13-W</u>	<u>BNSPDX-23-W</u>	\$12.00	5	NPT 3/4"	13.0 - 18.0 [0.51 - 0.71]	5.5 [4.06]	±0.5 [±0.37]	33.0 [1.30]	15.0 [0.59]	117.4 [4.62]	37.8 [1.49]	26.1 [1.03]

Note: Hex nut and washer included.

UL Part # Cross Reference

UL Part #	Part #
BNSPA-11	BNSPAX-11-W
BNSPB-12	BNSPBX-12-W
BNSPD-13	BNSPDX-13-W
BNSPA-21	BNSPAX-21-W
BNSPB-22	BNSPBX-22-W
BNSPD-23	BNSPDX-23-W



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bimed Brass Metric Thread Cable Glands

Material

- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- O-ring: NBR

Attachment Thread

- EN 60423

Body

- Manufactured according to the requirements of EN 50262

Approvals

- UL File # E199260

Flammability

- V2 (According to UL 94)

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -40 to +150°C (-40 to +302°F)



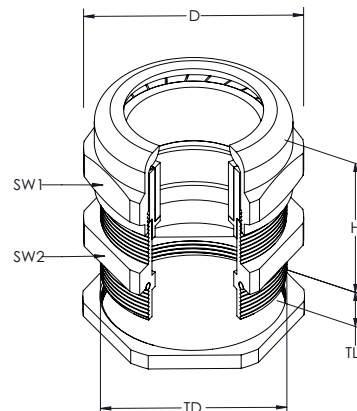
To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



Brass Metric Thread Cable Glands												
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Recommended Tightening Torque		Dimensions mm [in]					
					N·m [lb·ft]	Tolerance	SW1	SW2	TL	H	D	TD
BMBCX-ES	\$11.50	5	M12 x 1.5 mm	3.0 - 6.5 [0.12 - 0.26]	5.0 [3.69]	±0.5 [±0.37]	14.0 [0.55]	14.0 [0.55]	6.0 [0.24]	21.5 [0.85]	15.5 [0.61]	12.0 [0.47]
BMBCX-E1	\$14.50	5	M16 x 1.5 mm	5.0 - 10.0 [0.20 - 0.39]	9.0 [6.64]	±0.5 [±0.37]	17.0 [0.67]	18.0 [0.71]	7.0 [0.28]	23.0 [0.91]	18.9 [0.74]	16.0 [0.63]
BMBCX-E2	\$20.00	5	M20 x 1.5 mm	6.0 - 12.0 [0.24 - 0.47]	11.0 [8.11]	±1.0 [±0.74]	22.0 [0.87]	22.0 [0.87]	8.0 [0.31]	25.0 [0.98]	26.8 [1.06]	20.0 [0.79]
BMBCX-E3	\$23.00	5	M25 x 1.5 mm	11.0 - 17.0 [0.43 - 0.67]	14.0 [10.33]	±1.0 [±0.74]	24.0 [0.94]	27.0 [1.06]	8.0 [0.31]	28.0 [1.10]	26.8 [1.06]	25.0 [0.98]
BMBCX-E4	\$38.00	5	M32 x 1.5 mm	15.0 - 21.0 [0.59 - 0.86]	15.0 [11.06]	±1.0 [±0.74]	30.0 [1.18]	34.0 [1.34]	9.0 [0.35]	33.0 [1.30]	37.5 [1.48]	32.0 [1.26]
BMBCX-E5	\$25.00	2	M40 x 1.5 mm	19.0 - 28.0 [0.74 - 1.10]	17.0 [12.54]	±1.0 [±0.74]	40.0 [1.57]	43.0 [1.69]	9.0 [0.35]	38.0 [1.50]	48.5 [1.91]	40.0 [1.57]
BMBCX-E6	\$45.00	2	M50 x 1.5 mm	27.0 - 38.0 [1.06 - 1.50]	30.0 [22.13]	±1.5 [±1.11]	50.0 [1.97]	55.0 [2.17]	9.0 [0.35]	48.0 [1.89]	61.0 [2.40]	50.0 [1.97]
BMBCX-E7	\$84.00	2	M63 x 1.5 mm	34.0 - 44.0 [1.34 - 1.73]	55.0 [40.57]	±2.0 [±1.48]	64.0 [2.52]	68.0 [2.68]	14.0 [0.55]	54.0 [2.13]	75.0 [2.95]	63.0 [2.48]

Note: Hex nut and washer included.

UL Part # Cross Reference	
UL Part #	Part #
BMBC-ES	BMBCX-ES
BMBC-E1	BMBCX-E1
BMBC-E2	BMBCX-E2
BMBC-E3	BMBCX-E3
BMBC-E4	BMBCX-E4
BMBC-E5	BMBCX-E5
BMBC-E6	BMBCX-E6
BMBC-E7	BMBCX-E7



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bimed Brass PG Thread Cable Glands

Material

- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- O-ring: NBR

Attachment Thread

- DIN 40430

Body

- Manufactured according to the requirements of EN 50262

Approvals

- UL File # E199260

Flammability

- V2 (According to UL 94)

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -40 to +150°C (-40 to +302°F)



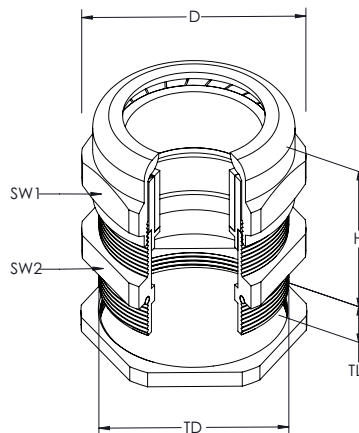
To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



Brass PG Thread Cable Glands												
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Recommended Tightening Torque		Dimensions mm [in]					
					N·m [lb·ft]	Tolerance	SW1	SW2	TL	H	D	TD
BSBCX-01	\$11.50	5	PG7	3.0 - 6.5 [0.12 - 0.26]	5.0 [3.69]	±0.5 [±0.37]	14.0 [0.55]	14.0 [0.55]	6.0 [0.24]	22.0 [0.87]	15.5 [0.61]	12.5 [0.49]
BSBCX-02	\$12.50	5	PG9	4.0 - 8.0 [0.16 - 0.31]	5.5 [4.06]	±0.5 [±0.37]	17.0 [0.67]	17.0 [0.67]	6.0 [0.24]	23.5 [0.93]	18.9 [0.74]	15.2 [0.60]
BSBCX-03	\$15.50	5	PG11	5.0 - 10.0 [0.20 - 0.39]	7.0 [5.16]	±0.5 [±0.37]	20.0 [0.79]	20.0 [0.79]	6.0 [0.24]	26.0 [1.02]	22.0 [0.87]	18.6 [0.73]
BSBCX-04	\$18.00	5	PG13.5	6.0 - 12.0 [0.24 - 0.47]	8.0 [5.90]	±1.0 [±0.74]	22.0 [0.87]	22.0 [0.87]	6.5 [0.26]	24.5 [0.96]	24.5 [0.96]	20.4 [0.80]
BSBCX-05	\$20.00	5	PG16	10.0 - 14.0 [0.39 - 0.55]	11.0 [8.11]	±1.0 [±0.74]	24.0 [0.94]	24.0 [0.94]	6.5 [0.26]	28.0 [1.10]	26.8 [1.06]	22.5 [0.89]
BSBCX-06	\$31.50	5	PG21	13.0 - 18.0 [0.51 - 0.71]	17.0 [12.54]	±1.0 [±0.74]	30.0 [1.18]	30.0 [1.18]	7.2 [0.28]	32.5 [1.28]	33.0 [1.30]	28.3 [1.11]
BSBCX-07	\$52.00	5	PG29	18.0 - 25.0 [0.71 - 0.98]	22.0 [16.23]	±1.0 [±0.74]	40.0 [1.57]	40.0 [1.57]	8.0 [0.31]	38.5 [1.52]	44.5 [1.75]	37.0 [1.46]
BSBCX-08	\$38.00	2	PG36	22.0 - 32.0 [0.87 - 1.26]	40.0 [29.50]	±1.5 [±1.11]	50.0 [1.97]	50.0 [1.97]	9.0 [0.35]	48.0 [1.89]	55.5 [2.19]	47.0 [1.85]
BSBCX-09	\$62.00	1	PG42	30.0 - 38.0 [1.18 - 1.50]	45.0 [33.19]	±2.0 [±1.48]	58.0 [2.28]	58.0 [2.28]	12.0 [0.47]	48.5 [1.91]	64.0 [2.51]	54.0 [2.13]
BSBCX-10	\$81.00	1	PG48	34.0 - 44.0 [1.34 - 1.73]	50.0 [36.88]	±2.0 [±1.48]	64.0 [2.52]	64.0 [2.52]	14.0 [0.55]	53.0 [2.09]	70.0 [2.76]	59.3 [2.33]

Note: Hex nut and washer included.

UL Part # Cross Reference	
UL Part #	Part #
BSBC-01	BSBCX-01
BSBC-02	BSBCX-02
BSBC-03	BSBCX-03
BSBC-04	BSBCX-04
BSBC-05	BSBCX-05
BSBC-06	BSBCX-06
BSBC-07	BSBCX-07
BSBC-08	BSBCX-08
BSBC-09	BSBCX-09
BSBC-10	BSBCX-10



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bimed Brass NPT Thread Cable Glands

Material

- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- O-ring: NBR

Attachment Thread

- ANSI B 1.20.1

Body

- Manufactured according to the requirements of EN 50262

Approvals

- UL File # E199260

Flammability

- V2 (According to UL 94)

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -40 to +150°C (-40 to +302°F)



To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



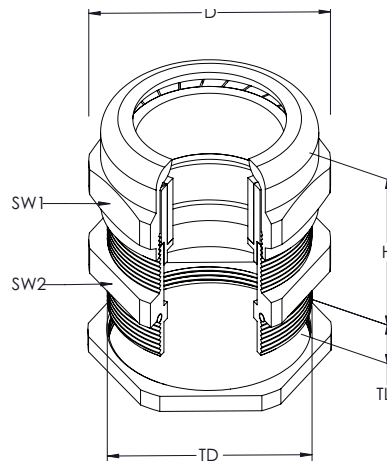
Brass NPT Thread Cable Glands

Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Recommended Tightening Torque		Dimensions mm [in]					
					N·m [lb·ft]	Tolerance	SW1	SW2	TL	H	D	TD
<i>BNBCX-01</i>	\$22.00	5	NPT 3/8"	4.0 - 8.0 [0.16 - 0.31]	6.5 [4.79]	±0.5 [±0.37]	17.0 [0.67]	19.0 [0.75]	11.5 [0.45]	23.0 [0.91]	21.0 [0.83]	16.8 [0.66]
<i>BNBCX-02</i>	\$27.00	5	NPT 1/2"	6.0 - 12.0 [0.24 - 0.47]	17.5 [12.91]	±0.5 [±0.37]	22.0 [0.87]	22.0 [0.87]	13.0 [0.51]	25.5 [1.00]	24.5 [0.96]	20.9 [0.82]
<i>BNBCX-03</i>	\$44.50	5	NPT 3/4"	13.0 - 18.0 [0.51 - 0.71]	18.0 [13.28]	±0.5 [±0.37]	30.0 [1.18]	30.0 [1.18]	13.0 [0.51]	35.5 [1.40]	33.0 [1.30]	26.2 [1.03]
<i>BNBCX-04</i>	\$92.00	5	NPT 1"	18.0 - 25.0 [0.71 - 0.98]	40.0 [29.50]	±1.0 [±0.74]	40.0 [1.57]	40.0 [1.57]	13.0 [0.51]	43.0 [1.69]	44.5 [1.75]	32.8 [1.29]

Note: Hex nut and washer included.

UL Part # Cross Reference

UL Part #	Part #
BNBC-01	BNBCX-01
BNBC-02	BNBCX-02
BNBC-03	BNBCX-03
BNBC-04	BNBCX-04



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bimed EMC Cable Glands - Metric thread

Overview

EMC Cable Glands – Metric Thread

EMC Cable Glands are used in applications to maintain shielding for electromagnetic protection. These glands maintain the shielding integrity from the shielded cable to the enclosure simply by tightening the gland. Long lasting contact is achieved using a high-definition spring that is designed to move to prevent damage to the sheath. For easy cable installation this spring allows for clearance while the cable is installed and clamps to the cable once the gland is tightened. Metric EMC glands can accept cable diameters between 0.118 to 2.087 inches (3 to 53mm).

Features

Material

- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- Contact Spring: Special Copper Alloy
- O-ring: NBR

Body

- Manufactured according to the requirements of EN 50262

Flammability

- V2 (According to UL 94)

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -40 to +150°C (-40 to +302°F)

Attachment Thread

- DIN 40430

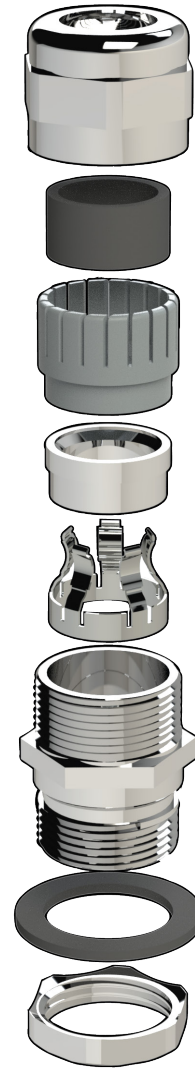
Agency Approvals

Approvals

- UL File # E199260



To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



Cable Glands

Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Tightening Torque		Drawing Link
						Cap to Body	Body to Enclosure (or Locknut to Body)	
						N-m [lb-ft]	N-m [lb-ft]	
BMEM-ES-M12T-WCL	\$22.75	5	M12 x 1.5 mm	3.0 to 6.5 [0.12 to 0.26]	2.0 to 5.0 [0.08 to 0.20]	5 ± 0.5 [3.69 ± 0.4]	5 ± 0.5 [3.69 ± 0.4]	PDF
BMEM-E1-M16T-WCL	\$27.00	5	M16 x 1.5 mm	5.0 to 10.0 [0.20 to 0.40]	3.5 to 8.0 [0.14 to 0.31]	6 ± 0.5 [4.43 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	PDF
BMEM-E2S-M20T-WCL	\$32.25	5	M20 x 1.5 mm	6.0 to 12.0 [0.24 to 0.47]	4.5 to 10.0 [0.18 to 0.39]	6 ± 0.5 [4.43 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	PDF
BMEM-E2-M20T-WCL	\$30.25	5	M20 x 1.5 mm	7.5 to 14.0 [0.30 to 0.55]	5.5 to 11.5 [0.22 to 0.45]	10 ± 0.5 [7.38 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	PDF
BMEM-E3-M25T-WCL	\$54.50	5	M25 x 1.5 mm	10.0 to 18.0 [0.39 to 0.71]	7.0 to 14.0 [0.28 to 0.55]	15 ± 0.5 [11.07 ± 0.4]	6 ± 0.5 [4.43 ± 0.4]	PDF
BMEM-E4-M32T-WCL	\$86.50	5	M32 x 1.5 mm	16.0 to 25.0 [0.63 to 0.98]	12.0 to 20.0 [0.47 to 0.79]	22 ± 1.0 [16.24 ± 0.7]	6 ± 0.5 [4.43 ± 0.4]	PDF
BMEM-E5-M40T-WCL	\$67.75	2	M40 x 1.5 mm	22.0 to 32.0 [0.87 to 1.26]	18.0 to 27.0 [0.71 to 1.06]	42 ± 1.0 [31 ± 0.7]	12 ± 0.5 [8.86 ± 0.4]	PDF
BMEM-E6-M50T-WCL	\$97.00	2	M50 x 1.5 mm	30.0 to 38.0 [1.18 to 1.5]	26.0 to 34.0 [1.02 to 1.34]	42 ± 1.0 [31 ± 0.7]	18 ± 0.5 [13.28 ± 0.4]	PDF
BMEM-E7-M63T-WCL	\$112.50	2	M63 x 1.5 mm	34.0 to 44.0 [1.34 to 1.73]	30.0 to 40.0 [1.18 to 1.57]	43 ± 1.0 [31.73 ± 0.7]	25 ± 1.0 [18.45 ± 0.7]	PDF
BMEM-E7L-M63T-WCL	\$153.25	2	M63 x 1.5 mm	37.0 to 53.0 [1.46 to 2.09]	33.0 to 49.0 [1.30 to 1.93]	100 ± 2.0 [73.8 ± 1.5]	25 ± 1.0 [18.45 ± 0.7]	PDF

Note: Hex nut and washer included.

bimed EMC Cable Glands - PG thread

Overview

EMC Cable Glands – PG Thread

EMC Cable Glands are used in applications to maintain shielding for electromagnetic protection. These glands maintain the shielding integrity from the shielded cable to the enclosure simply by tightening the gland. Long lasting contact is achieved using a high-definition spring that is designed to move to prevent damage to the sheath. For easy cable installation this spring allows for clearance while the cable is installed and clamps to the cable once the gland is tightened. PG EMC glands can accept cable diameters between 0.118 to 1.732 inches (3 to 44mm).

Features

Material

- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- Contact Spring: Special Copper Alloy
- O-ring: NBR

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -40 to +150°C (-40 to +302°F)

Attachment Thread

- DIN 40430

Body

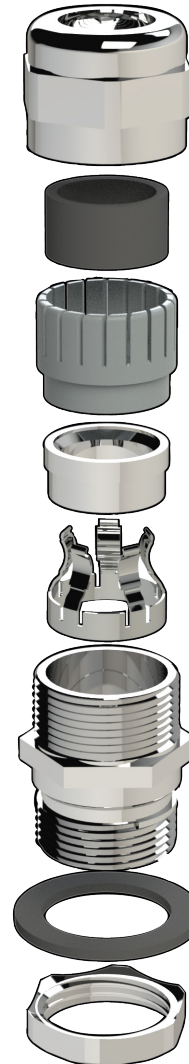
- Manufactured according to the requirements of EN 50262

Agency Approvals

Approvals



To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



Cable Glands								
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Tightening Torque		Drawing Link
						Cap to Body	Body to Enclosure (or Locknut to Body)	
						N-m [lb-ft]	N-m [lb-ft]	
BSEM-E2-PG9T-WCL	\$38.75	5	PG9	4.0 - 8.0 [0.16 - 0.31]	2.5 - 6.0 [0.1 - 0.24]	6 ± 0.5 [4.432 ± 0.37]	4 ± 0.5 [2.952 ± 0.37]	PDF
BSEM-E3-PG11T-WCL	\$40.00	5	PG11	5.0 - 10.0 [0.2 - 0.39]	3.5 - 8.0 [0.14 - 0.31]	6 ± 0.5 [4.432 ± 0.37]	5.5 ± 0.5 [4.062 ± 0.37]	PDF
BSEM-E4-PG13T-WCL	\$41.50	5	PG13.5	6.0 - 12.0 [0.24 - 0.47]	4.5 - 10.0 [0.18 - 0.39]	6 ± 0.5 [4.432 ± 0.37]	5.5 ± 0.5 [4.062 ± 0.37]	PDF
BSEM-E5-PG16T-WCL	\$46.25	5	PG16	7.5 - 14.0 [0.3 - 0.55]	5.5 - 11.5 [0.22 - 0.45]	10 ± 0.5 [7.382 ± 0.37]	6 ± 0.5 [4.432 ± 0.37]	PDF
BSEM-E6-PG21T-WCL	\$60.25	5	PG21	10.0 - 18.0 [0.39 - 0.71]	7.0 - 14.0 [0.28 - 0.55]	15 ± 0.5 [11.072 ± 0.37]	6 ± 0.5 [4.432 ± 0.37]	PDF
BSEM-E7-PG29T-WCL	\$119.25	5	PG29	16.0 - 25.0 [0.63 - 0.98]	12.0 - 20.0 [0.47 - 0.79]	22 ± 0.5 [16.242 ± 0.37]	12 ± 0.5 [8.862 ± 0.37]	PDF
BSEM-E8-PG36T-WCL	\$68.50	2	PG36	22.0 - 32.0 [0.87 - 1.26]	18.0 - 27.0 [0.71 - 1.06]	42 ± 1 [312 ± 0.74]	18 ± 0.5 [13.282 ± 0.37]	PDF
BSEM-E9-PG42T-WCL	\$58.25	1	PG42	30.0 - 38.0 [1.18 - 1.5]	26.0 - 34.0 [1.02 - 1.34]	42 ± 1 [312 ± 0.74]	20 ± 0.5 [14.762 ± 0.37]	PDF
BSEM-E10-PG48T-WCL	\$71.25	1	PG48	34.0 - 44.0 [1.34 - 1.73]	30.0 - 40.0 [1.18 - 1.57]	43 ± 1 [31.732 ± 0.74]	25 ± 1 [18.452 ± 0.74]	PDF

Note: Hex nut and washer included.

bimed EMC Cable Glands - NPT thread

Overview

EMC Cable Glands – NPT Thread

EMC Cable Glands are used in applications to maintain shielding for electromagnetic protection. These glands maintain the shielding integrity from the shielded cable to the enclosure simply by tightening the gland. Long lasting contact is achieved using a high-definition spring that is designed to move to prevent damage to the sheath. For easy cable installation this spring allows for clearance while the cable is installed and clamps to the cable once the gland is tightened. NPT EMC glands can accept cable diameters between 1/4 to 2 inches (3 to 44mm).

Features

Material

- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp insert: PA 6 (Polyamide 6)
- Contact Spring: Special Copper Alloy
- O-ring: NBR

Flammability

- V2 (According to UL 94)

Protection Class

- IP68 - 5 Bar (72.5 psi)

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -40 to +150°C (-40 to +302°F)

Attachment Thread

- ANSI B1.20.1

Body

- Manufactured according to the requirements of EN 50262

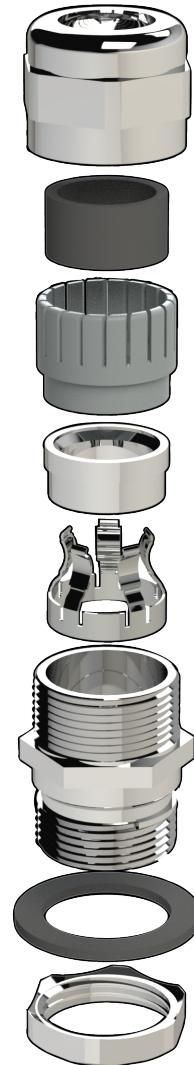
Agency Approvals

Approvals

- UL File # E199260



To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.



Cable Glands								
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Tightening Torque		Drawing Link
						Cap to Body	Body to Enclosure (or Locknut to Body)	
						N·m [lb·ft]	N·m [lb·ft]	
BNEM-E1-3-8T-WCL	\$50.00	5	3/8in NPT	5.0 - 10.0 [0.2 - 0.39]	3.5 - 8.0 [0.14 - 0.31]	6 ± 0.5 [4.43 ± 0.37]	3 ± 0.5 [2.212 ± 0.37]	PDF
BNEM-E2S-1-2T-WCL	\$53.75	5	1/2in NPT	6.0 - 12.0 [0.24 - 0.47]	4.5 - 10.0 [0.18 - 0.39]	6 ± 0.5 [4.43 ± 0.37]	3 ± 0.5 [2.212 ± 0.37]	PDF
BNEM-E2-1-2T-WCL	\$55.00	5	1/2in NPT	7.5 - 14.0 [0.3 - 0.55]	5.5 - 11.5 [0.22 - 0.45]	10 ± 0.5 [7.38 ± 0.37]	4 ± 0.5 [2.952 ± 0.37]	PDF
BNEM-E3-3-4T-WCL	\$81.75	5	3/4in NPT	10.0 - 18.0 [0.39 - 0.71]	7.0 - 14.0 [0.28 - 0.55]	15 ± 0.5 [11.07 ± 0.37]	5.5 ± 0.5 [4.062 ± 0.37]	PDF
BNEM-E4-1T-WCL	\$139.75	5	1in NPT	16.0 - 25.0 [0.63 - 0.98]	12.0 - 20.0 [0.47 - 0.79]	22 ± 1 [16.24 ± 0.74]	8 ± 0.5 [5.92 ± 0.37]	PDF
BNEM-E5-11-4T-WCL	\$85.25	2	1-1/4in NPT	22.0 - 32.0 [0.87 - 1.26]	18.0 - 27.0 [0.71 - 1.06]	42 ± 1 [31 ± 0.74]	10 ± 0.5 [7.382 ± 0.37]	PDF
BNEM-E6-11-2T-WCL	\$63.50	1	1-1/2in NPT	30.0 - 38.0 [1.18 - 1.5]	26.0 - 34.0 [1.02 - 1.34]	42 ± 1 [31 ± 0.74]	16 ± 0.5 [11.812 ± 0.37]	PDF
BNEM-E7-2T-WCL	\$84.00	1	2in NPT	34.0 - 44.0 [1.34 - 1.73]	30.0 - 40.0 [1.18 - 1.57]	43 ± 1 [31.73 ± 0.74]	18 ± 0.5 [13.282 ± 0.37]	PDF

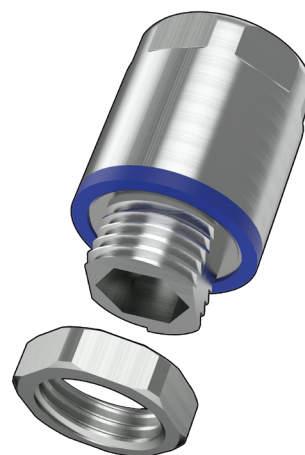
Note: Hex nut and washer included.

bimed Hygienic Cable Glands - Standard

Overview

Hygienic Cable Glands - Standard

Hygienic Cable Glands can be used in applications in manufacturing and packaging of food and pharmaceuticals, cleanroom technology, biotechnology, chemical industry. These glands have a smooth finish with no threads exposed which prevents harmful microorganisms from sticking to the surface. The sealing material is in accordance with FDA guideline 21 CFR 177.2600. The design allows for easier, faster, and lower cost cleaning. Standard Hygienic cable glands come in NPT mounting sizes 1/4" to 3/4" or in Metric mounting sizes M12 to M25. These can accept cable sizes 1/4" to 0.669" (3mm to 17mm).



Features

Material

- Body: Stainless Steel 1.4305(AISI 303)
- Cap: Stainless Steel 1.4305(AISI 303)
- Locknut: Stainless Steel 1.4305(AISI 303)
- Seal: EPDM, according to FDA guideline 21 CFR 177.2600

Protection Class

- IP66, IP69, IP68 - 5 Bar (72.5 psi)
- UL TYPE 1, 2, 4, 4X, 12, 12K, 13 according to UL 50E

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -40 to +150°C (-40 to +302°F)

Attachment Thread

- Metric EN 60423
- NPT ANSI B1.20.1

Body

- Manufactured according to the requirements of EN 50262

Agency Approvals

Approvals

- UL File # E199260



To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

Cable Glands									
Thread Type Metric according to EN 60423									
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Allen Wrench Size	Allen Adapter	Tightening Torque		Drawing Link
							Cap to Body	Body to Enclosure (or Locknut to Body)	
							N-m [lb-ft]	N-m [lb-ft]	
BMHG1-0S-L	\$23.25	1	M12 x 1.5mm	3.0-6.5	7	BMFGT-01	2.5 ± 0.5 [1.85 ± 0.37]	2 ± 0.5 [1.48 ± 0.37]	PDF
BMHG1-01-L	\$26.25		M16 x 1.5mm	5.0-10.0	10	BMFGT-02	4 ± 0.5 [2.95 ± 0.37]	3 ± 0.5 [2.21 ± 0.37]	PDF
BMHG1-02-L	\$32.50		M20 x 1.5mm	6.0-12.0	13	BMFGT-03	5 ± 0.5 [3.69 ± 0.37]	2.5 ± 0.5 [1.85 ± 0.37]	PDF
BMHG1-03-L	\$40.75		M25 x 1.5mm	12.0-17.0	17	BMFGT-04	6 ± 0.5 [4.43 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	PDF

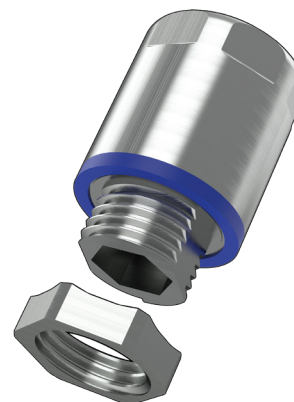
Cable Glands									
Thread Type NPT according to ANSI ASME B1.20.1									
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Allen Wrench Size	Allen Adapter	Tightening Torque		Drawing Link
							Cap to Body	Body to Enclosure (or Locknut to Body)	
							N-m [lb-ft]	N-m [lb-ft]	
BNHG1-0S-L	\$25.50	1	1/4in NPT	3.0-6.5	7	BMFGT-01	2.5 ± 0.5 [1.85 ± 0.37]	3 ± 0.5 [2.21 ± 0.37]	PDF
BNHG1-01-L	\$28.25		3/8in NPT	5.0-10.0	10	BMFGT-02	4 ± 0.5 [2.95 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	PDF
BNHG1-02-L	\$33.50		1/2in NPT	6.0-12.0	13	BMFGT-03	5 ± 0.5 [3.69 ± 0.37]	5.5 ± 0.5 [4.06 ± 0.37]	PDF
BNHG1-03-L	\$53.00		3/4in NPT	12.0-17.0	17	BMFGT-04	6 ± 0.5 [4.43 ± 0.37]	6 ± 0.5 [4.43 ± 0.37]	PDF

bimed Hygienic Cable Glands - EMC

Overview

Hygienic Cable Glands – EMC

EMC Hygienic Cable Glands can be used in applications in manufacturing and packaging of food and pharmaceuticals, cleanroom technology, biotechnology, chemical industry that also requires the shielding for electromagnetic protection. The glands use the same technology and design features as the standard hygienic glands, they have a smooth finish with no threads exposed which prevents harmful microorganisms from sticking to the surface. The sealing material is in accordance with FDA guideline 21 CFR 177.2600. The Design allows for easier, faster, and lower cost cleaning. They also incorporate the same EMC technology as our standard EMC glands. These glands maintain the shielding integrity from the shielded cable to the enclosure simply by tightening the gland. Long lasting contact is achieved using a high-definition spring that is designed to move to prevent damage to the sheath. EMC Hygienic cable glands come in Metric mounting sizes M16 to M25 or in NPT mounting sizes 3/8" to 3/4". These can accept cable sizes 0.197" to 0.669" (5mm to 17mm).



Features

Material

- Body: Stainless Steel 1.4305(AISI 303)
- Cap: Stainless Steel 1.4305(AISI 303)
- Locknut: Stainless Steel 1.4305(AISI 303)
- Contact Spring: Special Copper Alloy
- Seal: EPDM, according to FDA guideline 21 CFR 177.2600

Protection Class

- IP66, IP69, IP68 - 5 Bar (72.5 psi)
- UL TYPE 1, 2, 4, 4X, 12, 12K, 13 according to UL 50E

Operating Temperature

- Permanent: -20 to +100°C (-4 to +212°F)
- Intermittent: -40 to +150°C (-40 to +302°F)

Attachment Thread

- EN 60423

Body

- Manufactured according to the requirements of EN 50262

Agency Approvals

Approvals

- UL File # E199260



To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

Cable Glands										
Thread Type Metric according to EN 60423										
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Allen Wrench Size	Allen Adapter	Tightening Torque		Drawing Link
								Cap to Body	Body to Enclosure (or Locknut to Body)	
								N-m [lb-ft]	N-m [lb-ft]	
BMEHG1-01-L	\$43.50	1	M16 x 1.5mm	5.0-10.0	4.0-9.0	10	BMFGT-02	4 ± 0.5 [2.95 ± 0.37]	3 ± 0.5 [2.21 ± 0.37]	PDF
BMEHG1-02-L	\$49.75		M20 x 1.5mm	6.0-12.0	5.0-11.0	13	BMFGT-03	5 ± 0.5 [3.69 ± 0.37]	2.5 ± 0.5 [1.85 ± 0.37]	PDF
BMEHG1-03-L	\$68.75		M25 x 1.5mm	12.0-17.0	10.0-16.0	17	BMFGT-04	6 ± 0.5 [4.43 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	PDF

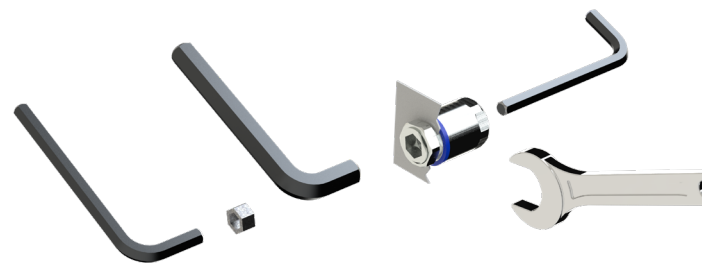
Cable Glands										
Thread Type NPT according to ANSI ASME B1.20.1										
Part Number	Price	Qty	Thread Size	Clamping Range mm [in]	Shield Diameter mm [in]	Allen Wrench Size	Allen Adapter	Tightening Torque		Drawing Link
								Cap to Body	Body to Enclosure (or Locknut to Body)	
								N-m [lb-ft]	N-m [lb-ft]	
BNEHG1-01-L	\$44.75	1	3/8in NPT	5.0-10.0	4.0-9.0	10	BMFGT-02	4 ± 0.5 [2.95 ± 0.37]	4 ± 0.5 [2.95 ± 0.37]	PDF
BNEHG1-02-L	\$52.75		1/2in NPT	6.0-12.0	5.0-11.0	13	BMFGT-03	5 ± 0.5 [3.69 ± 0.37]	5.5 ± 0.5 [4.06 ± 0.37]	PDF
BNEHG1-03-L	\$72.50		3/4in NPT	12.0-17.0	10.0-16.0	17	BMFGT-04	6 ± 0.5 [4.43 ± 0.37]	6 ± 0.5 [4.43 ± 0.37]	PDF

bimed Hygienic Cable Glands Adapters

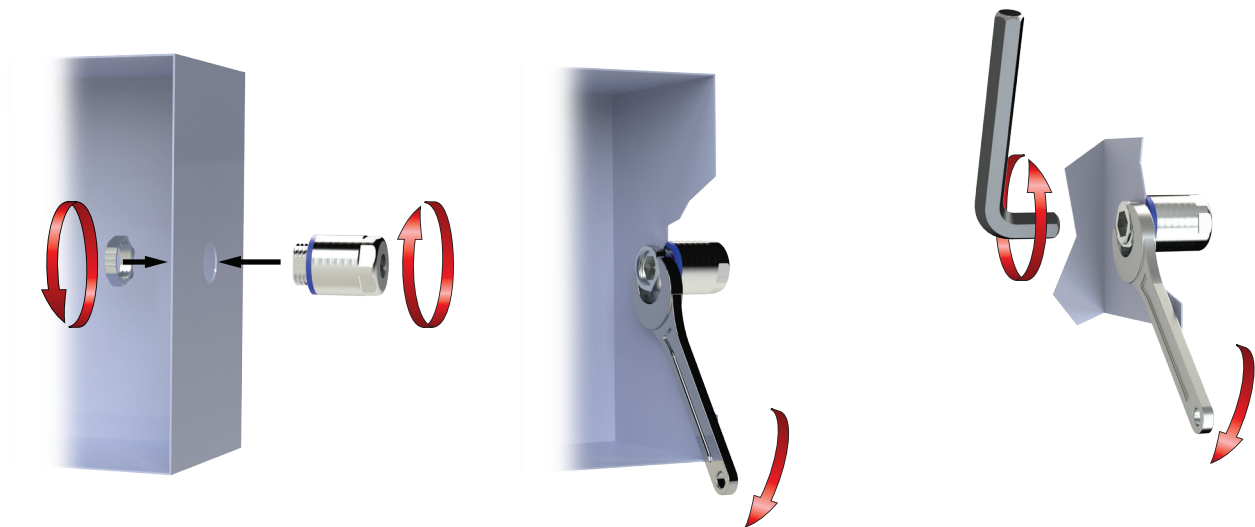
Overview

Hygienic Cable Gland Adapters

Hygienic Cable Gland Adapters allows the use of a smaller Allen wrench to be used when installing the hygienic cable gland.



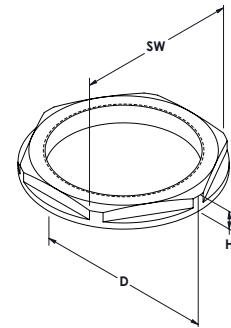
Hygienic Cable Gland Adapters						
Part Number	Price	Qty	Allen Wrench Size	Allen Size Reduction	For Use With	Drawing Link
BMFGT-01	\$19.75	1	5	Allen size 7mm to Allen size 5mm	BMHG1-0S-L, BNHG1-0S-L	PDF
BMFGT-02	\$20.00		6	Allen size 10mm to Allen size 6mm	BMHG1-01-L, BNHG1-01-L, BMEHG1-01-L, BNEHG1-01-L	PDF
BMFGT-03	\$20.00		8	Allen size 13mm to Allen size 8mm	BMHG1-02-L, BNHG1-02-L, BMEHG1-02-L, BNEHG1-02-L	PDF
BMFGT-04	\$20.00		10	Allen size 17mm to Allen size 10mm	BMHG1-03-L, BNHG1-03-L, BMEHG1-03-L, BNEHG1-03-L	PDF



bimed Cable Glands Replacement Hex Nuts

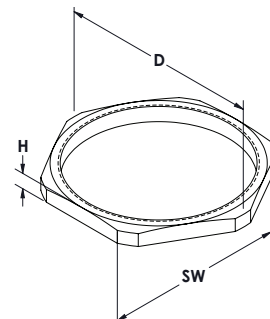
Replacement Hex Nuts for Plastic Cable Glands

Type	Light Gray	Black	Price	Qty	Thread Size	Dimensions – mm [in]		
						SW	D	H
Metric	BML-1S	BML-2S	\$1.50	5	M12 x 1.5 mm	18.0 [0.71]	19.5 [0.77]	5.0 [0.20]
	BML-11	BML-21	\$1.50	5	M16 x 1.5 mm	22.0 [0.87]	24.2 [0.95]	5.0 [0.20]
	BML-12	BML-22	\$1.50	5	M20 x 1.5 mm	26.0 [1.02]	28.6 [1.13]	6.0 [0.24]
	BML-13	BML-23	\$1.50	5	M25 x 1.5 mm	32.0 [1.26]	35.0 [1.38]	6.0 [0.24]
	BML-14	BML-24	\$1.50	5	M32 x 1.5 mm	41.0 [1.61]	46.1 [1.81]	7.0 [0.28]
	BML-15	BML-25	\$1.50	2	M40 x 1.5 mm	50.0 [1.97]	55.3 [2.18]	7.0 [0.28]
	BML-16	BML-26	\$1.50	2	M50 x 1.5 mm	60.0 [2.36]	66.1 [2.60]	8.0 [0.31]
	BML-17	BML-27	\$2.00	2	M63 x 1.5 mm	75.0 [2.95]	82.5 [3.25]	8.0 [0.31]
PG	BL-11	BL-21	\$1.50	5	PG 7	19.0 [0.75]	21.0 [0.83]	5.0 [0.20]
	BL-12	BL-22	\$1.50	5	PG 9	22.0 [0.87]	24.0 [0.94]	5.0 [0.20]
	BL-13	BL-23	\$1.50	5	PG11	24.0 [0.94]	26.0 [1.02]	5.0 [0.20]
	BL-14	BL-24	\$1.50	5	PG13.5	27.0 [1.06]	29.0 [1.14]	6.0 [0.24]
	BL-15	BL-25	\$1.50	5	PG16	30.0 [1.18]	33.0 [1.30]	6.0 [0.24]
	BL-16	BL-26	\$1.50	5	PG21	36.0 [1.42]	39.0 [1.54]	7.0 [0.28]
	BL-17	BL-27	\$1.50	5	PG29	46.0 [1.81]	50.0 [1.97]	7.0 [0.28]
	BL-18	BL-28	\$1.50	2	PG36	60.0 [2.36]	66.0 [2.60]	8.0 [0.31]
	BL-19	BL-29	\$1.75	2	PG42	65.0 [2.56]	73.0 [2.87]	8.0 [0.31]
	BL-20	BL-30	\$2.00	2	PG48	70.0 [2.78]	78.0 [3.07]	8.0 [0.31]
NPT	BPL-11	BPL-21	\$1.50	5	NPT 3/8"	22.0 [0.87]	25.0 [0.98]	7.0 [0.28]
	BPL-12	BPL-22	\$1.50	5	NPT 1/2"	27.0 [1.06]	30.5 [1.20]	7.0 [0.28]
	BPL-13	BPL-23	\$2.00	5	NPT 3/4"	33.0 [1.30]	37.5 [1.48]	7.0 [0.28]
	BPL-14	BPL-24	\$3.75	5	NPT 1"	41.0 [1.61]	46.5 [1.83]	7.0 [0.28]



Replacement Hex Nuts for Brass Cable Glands

Type	Part Number	Price	Qty	Thread Size	Dimensions – mm [in]		
					SW	D	H
Metric	BMBL-01	\$2.00	5	M12 x 1.5 mm	15.0 [0.59]	16.6 [0.65]	2.8 [0.11]
	BMBL-02	\$2.50	5	M16 x 1.5 mm	19.0 [0.75]	21.0 [0.83]	3.0 [0.12]
	BMBL-03	\$3.25	5	M20 x 1.5 mm	24.0 [0.94]	26.5 [1.04]	3.5 [0.14]
	BMBL-04	\$4.00	5	M25 x 1.5 mm	30.0 [1.18]	33.0 [1.30]	4.0 [0.16]
	BMBL-05	\$5.25	5	M32 x 1.5 mm	36.0 [1.42]	39.5 [1.56]	5.0 [0.20]
	BMBL-06	\$4.50	2	M40 x 1.5 mm	46.0 [1.81]	51.0 [2.01]	5.0 [0.20]
	BMBL-07	\$11.50	2	M50 x 1.5 mm	60.0 [2.36]	66.0 [2.60]	5.0 [0.20]
	BMBL-08	\$12.50	2	M63 x 1.5 mm	70.0 [2.76]	77.0 [3.03]	6.0 [0.24]
PG	BSL-01	\$2.00	5	PG 7	15.0 [0.59]	16.6 [0.65]	2.8 [0.11]
	BSL-02	\$2.00	5	PG 9	18.0 [0.71]	20.0 [0.79]	2.8 [0.11]
	BSL-03	\$2.00	5	PG11	21.0 [0.83]	23.5 [0.93]	3.0 [0.12]
	BSL-04	\$2.50	5	PG13.5	23.0 [0.91]	25.5 [1.00]	3.0 [0.12]
	BSL-05	\$2.50	5	PG16	26.0 [1.02]	29.0 [1.14]	3.0 [0.12]
	BSL-06	\$4.50	5	PG21	32.0 [1.26]	35.5 [1.40]	3.5 [0.14]
	BSL-07	\$2.75	2	PG29	41.0 [1.61]	45.0 [1.77]	4.0 [0.16]
	BSL-08	\$4.00	2	PG36	51.0 [2.01]	56.0 [2.20]	5.0 [0.20]
	BSL-09	\$2.75	1	PG42	60.0 [2.36]	66.0 [2.60]	5.0 [0.20]
	BSL-10	\$3.50	1	PG48	64.0 [2.52]	70.5 [2.78]	5.5 [0.22]
NPT	BNLN-01	\$5.75	5	NPT 3/8"	24.0 [0.94]	26.5 [1.04]	5.0 [0.20]
	BNLN-02	\$7.25	5	NPT 1/2"	24.0 [0.94]	26.5 [1.04]	5.0 [0.20]
	BNLN-03	\$10.00	5	NPT 3/4"	34.0 [1.34]	37.5 [1.48]	6.0 [0.24]
	BNLN-04	\$11.50	5	NPT 1"	42.0 [1.65]	46.4 [1.83]	6.0 [0.24]



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bimed Cable Glands: Replacement Hex Nuts

Replacement Hex Nuts for EMC Cable Glands					
Type	Part Number	Price	Qty	Thread Size	Drawing Link
BMEL	<u>BMEL-01</u>	\$2.00	5	M12 x 1.5mm	<u>PDF</u>
	<u>BMEL-02</u>	\$2.50	5	M16 x 1.5mm	<u>PDF</u>
	<u>BMEL-03</u>	\$3.00	5	M20 x 1.5mm	<u>PDF</u>
	<u>BMEL-04</u>	\$3.75	5	M25 x 1.5mm	<u>PDF</u>
	<u>BMEL-05</u>	\$5.50	5	M32 x 1.5mm	<u>PDF</u>
	<u>BMEL-06</u>	\$4.75	2	M40 x 1.5mm	<u>PDF</u>
	<u>BMEL-07</u>	\$10.25	2	M50 x 1.5mm	<u>PDF</u>
	<u>BMEL-08</u>	\$11.00	2	M63 x 1.5mm	<u>PDF</u>
BSEL	<u>BSEL-01</u>	\$2.00	5	PG7	<u>PDF</u>
	<u>BSEL-02</u>	\$2.25	5	PG9	<u>PDF</u>
	<u>BSEL-03</u>	\$2.50	5	PG11	<u>PDF</u>
	<u>BSEL-04</u>	\$2.75	5	PG13.5	<u>PDF</u>
	<u>BSEL-05</u>	\$3.00	5	PG16	<u>PDF</u>
	<u>BSEL-06</u>	\$5.50	5	PG21	<u>PDF</u>
	<u>BSEL-07</u>	\$11.00	5	PG29	<u>PDF</u>
	<u>BSEL-08</u>	\$5.00	2	PG36	<u>PDF</u>
	<u>BSEL-09</u>	\$7.00	2	PG42	<u>PDF</u>
	<u>BSEL-10</u>	\$6.25	2	PG48	<u>PDF</u>
BNEL	<u>BNEL-01S</u>	\$9.25	5	1/4in NPT	<u>PDF</u>
	<u>BNEL-01</u>	\$11.50	5	3/8in NPT	<u>PDF</u>
	<u>BNEL-02</u>	\$11.75	5	1/2in NPT	<u>PDF</u>
	<u>BNEL-03</u>	\$14.25	5	3/4in NPT	<u>PDF</u>
	<u>BNEL-04</u>	\$22.00	5	1in NPT	<u>PDF</u>
	<u>BNEL-05</u>	\$28.75	5	1-1/4in NPT	<u>PDF</u>
	<u>BNEL-06</u>	\$15.25	2	1-1/2in NPT	<u>PDF</u>
	<u>BNEL-07</u>	\$21.25	2	2in NPT	<u>PDF</u>

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