CABLE GLANDS & ACCESSORIES for INDUSTRIAL APPLICATIONS

TÜV NORD ISO 9001 - 2008

bimed

Trademark for Innovation & Quality

about bimed

The Bimed company has started its activity in 1978 as a medical and mechanical components manufacturer. After various development and reorganization steps during its life, Bimed has today become a large organization working in a 20,000 square meter facility with a staff of more then 360 people in 4 global divisions which Turkiye, North America, Germany and Egypt. 16 constitute the quality assurance department and 10 for the research and development division. By adding precision engine spindles and other mechanical parts to the production line, the company diversified its products.

Our products can be classified as follows:

- Cable fitting elements, as plastic and metallic cable glands
- Pressure balance elements, ventilation glands and ventilation plugs
- Plastic connectors for the white and automotive industries
- Gas springs for the automotive and furniture industries
- Disposable medical products.

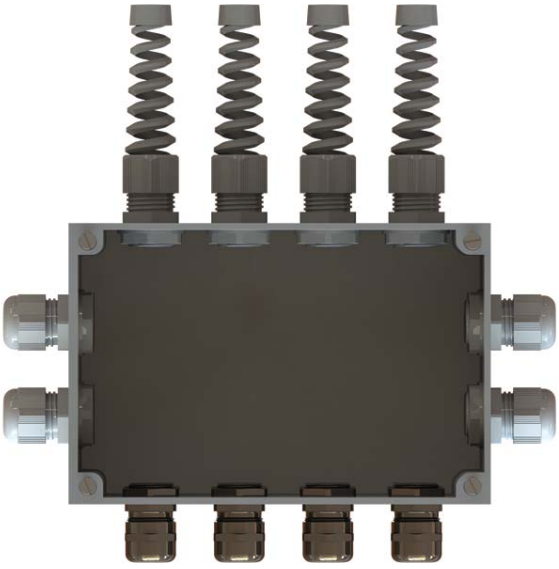
Bimed manufactures cable fitting elements which are designed for multipurpose applications in electrical, electronic and automotive industries. Our production capacity is supported by both manual and fully automated assembly lines. All our products conform to the relevant international and national standards of the end user countries.Tight control is imposed at all the stages of the production process and all the nonconformities are immediately eliminated. To achieve this, a full traceability system is developed in accordance with the EN ISO 9001:2008 standard. As a result, Bimed has been able to establish an international reputation for its consistently high quality production standards. Various custom products as requested by our customers, at the and due to the 30 years experiance in Gland Activites Bimed Designed new Ex glands series which has been approved by IMQ Italy according to new standards. Bimed also gain ATeX 100 and IEC Ex Factory Inspection from CESI Italy.

Bimed is constantly working to achieve customer satisfaction, by meeting requested requirements with its standard and customized products. Most often, our research and development department produces completely new items in accordance with client demands. These activities help us gain the praise and high appreciation of our customers. Because of High standards need for Hazardous Area Bimed start to invest for own Laboratuary which has been certified by IMQ according to EN60079-0/2009. With a worldwide market base, the Bimed distribution network has been established to ensure that the needs of this global market are well understood and fully satisfied. Our products have been expanded to and distributed in more than 30 countries. Bimed has a merit-based leadership in the cable gland and connector sector established on its reputation for quality and innovation. This philosophy has been instrumental in the development of a product line that is constantly growing to reflect the changing industry needs and advancements in technology. With the above resume about Bimed we intend to emphasize the Bimed production philosophy and let it serve as certification for the large product line manufactured by all our divisions.

Bimed Electrical Laboratory was established in 1998 with a few test devices made by Bimed. In 2001, an engineer started to work in Bimed Electrical Laboratory and the tests were carried out by him. After 2003, the lab was moved to a larger place and Bimed started to buy new test devices.Between 2009-2010 within the scope of a project (Turkish Scientific And Technical Researches Institution), Bimed received support from the Institution and bought the rest of the devices in the laboratory. In 2011, due to an organizational change, the laboratory test personnel were separated from process control personnel.Now, Bimed built up a new laboratory test team and still continues on investing new test devices. Bimed laboratory has a few special test devices that only a few laboratory has. Laboratory has dust chamber, climatic cabinet, owens, voltage drop test machine, dynascope, CTI test device, IP X5-X6-X7-X8-X9K test devices, corrosion cabinet….etc. Bimed Laboratory has accredited by IMQ in Italy according to some cable gland tests in EN 60079-0 , EN 60079-1 standards in 2011 and will be accredited İntertek Sweeden in August 2012 according to EN 60335-1 ,EN 60529 ,EN 50262 ,EN 61984 ,EN 60998-2-2 standards.

contents

What is the Cable Gland?



A cable gland (in the U.S. more often known as a cable connector or fitting) is a device designed to attach and secure the end of a cable to the equipment.A cable gland provides strain-relief and connects by a means suitable for the type and description of cable for which it is designed-including provision for making electrical connection to the armour or braid and lead or aluminium sheath of the cable, if any. Cable glands may also be used for sealing cables passing through bulkheads or gland plates.

Cable glands are mechanical cable entry devices and can be constructed from metallic or non-metallic materials. They are used throughout a number of industries in conjunction with cable and wiring used in electrical instrumentation and automation systems.

Cable glands may be used on all types of electrical power, control, instrumentation, data and telecommunications cables. They are used as a sealing and termination device to ensure that the characteristics of the enclosure which the cable enters can be maintained adequately.

These are are the four main materials from which cable glands are made:

- Plastic
- Brass
- Aluminium
- Stainless steel

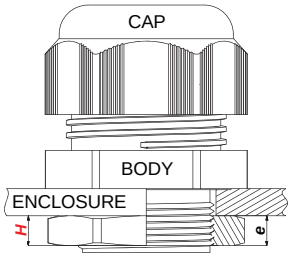
Although cable glands are often called "connectors", a technical distinction can be made in the terminology, which differentiates them from quick-disconnect, conducting electrical connectors. The distinction is often not made.

There are at least 4 types of thread standard

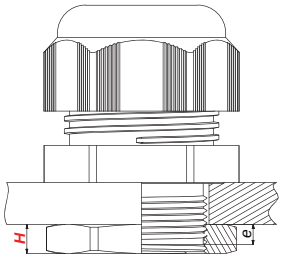
- PG Thread standard (Pg)
- Metric Thread standard (M)
- National Pipe Thread Standard (Npt)
- Gas Thread Standard (G-Pf)

Cable Gland Assembling Instruction

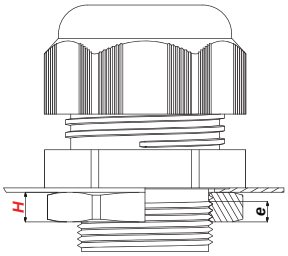
Assembling with lock nut on non threaded enclosure



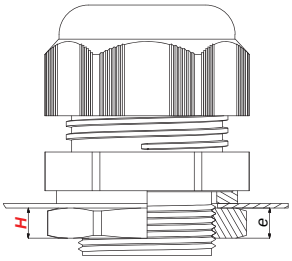
H = e / Right



H = e / Wrong

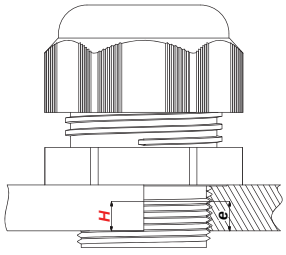


H = e / Wrong

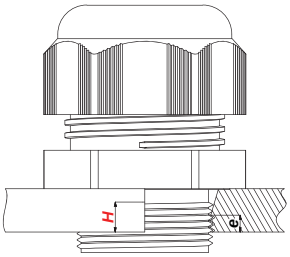


H = e / Right

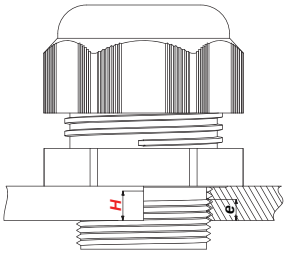
Assembling with lock nut on threaded enclosure



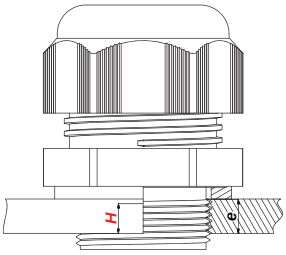
H = e / Right



H = e / Wrong



H = e / Wrong



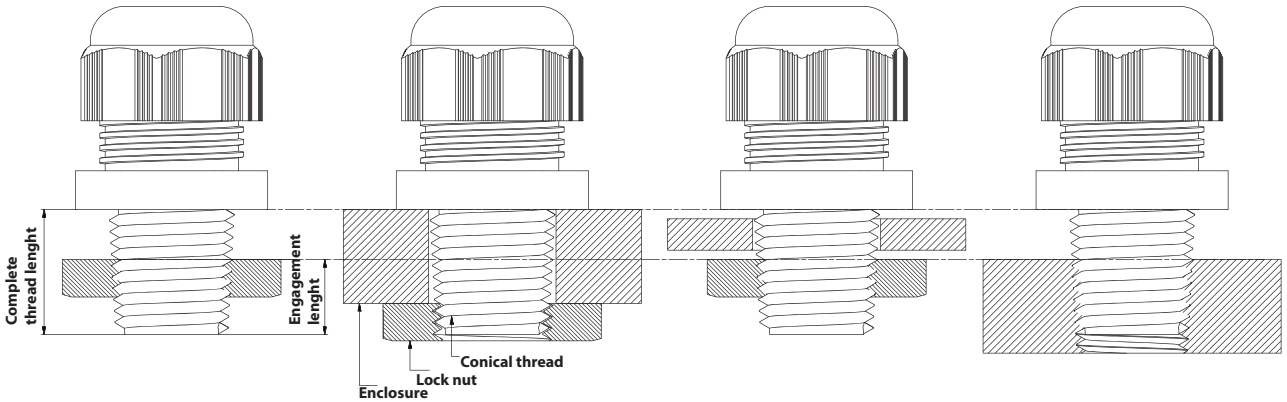
H = e / Right

Complementary Instructions

- The engaged thread lenght "e" must be equal or longer than relevant lock nut thickness "H"
- The thread dimensions and tolerances on threaded enclosures must be convinient with the relevant thread standard.
- Firstly, the gland body must be mounted to the enclosure.
- The body or the lock nut must be tightened according to torque indicated on the instruction chart.
- As much as posibble double wrench have to be used for non threaded enclosures.
- For cable asssembling the cap must be tightened according to torque indicated on the instruction chart.
- During the cable assembling or disassembling gland body must be keep fixed. Double wrench have to be used for this purpose.

Relevent Lock Nut Thickness		
Size		H (±0,5 mm)
M12 to M16	Pg 7 to Pg 11	5
M20 to M25	Pg 13,5 to Pg 16	6
M32 to M40	Pg 21 to Pg 29	7
M50 to M63	Pg 36 to Pg 42	8

Npt threads application

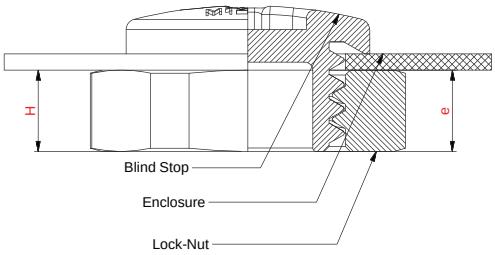


TIGHTENED LOCK NUT | LOOSE LOCK NUT | LOOSE CABLE GLAND | SAFE APPLICATION BAD APPEARANCE

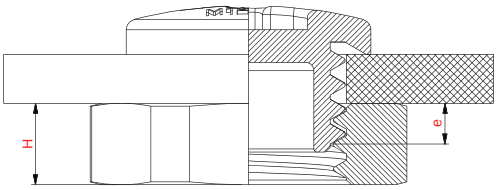
Thread standard	ANSI B1.20.1
Thread name	**N**ational **P**ipe **T**hreads
Thread definition	NPT is an US Standard for "Tapered Threads" used in threaded pipes and fittings. The thread can provide an effective seal for liquids, gases, hydraulic, fluids and steam. They are used generaly for steel, brass, cast-iron, PTFE, PVC, PA materials.
Other Appellations	**MPT : M**ale **P**ipe **T**hreads **FPT : F**emale **P**ipe **T**hreads
Applications	The NPT threads are always used for male and female pipe / fitting joints. Regarding the conicity of the thread they are not suitable for lock-nut applications.
"Cable Glands" and "Electrical Fitting" applications	The NPT threaded cable glands or male threaded electrical fittings as reducers, blind stops etc must used a NPT female threaded enclosures or cabinets. The usage of lock nuts for NPT threads is not a recommended application. According the relevant standard, the male and female threads have a defined engagement length. When we use a lock nut (even if is NPT threaded), we know that this one will be blocked, after the defined length portion of the male thread.In result we can not be sure that this blocking distance will be suitable for the wall thickness of the enclosure or cabined. If we are using an equivalent paralel thread lock nut the result will be worst because the male and female thread, will not be in complete contact.

Blind Stop Assembling Instruction

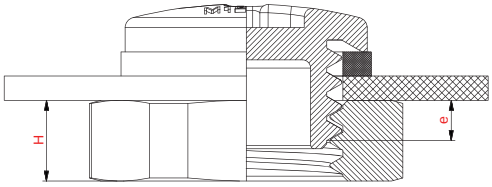
Assembling with lock nut on non threaded enclosure



H ≤ e / Right

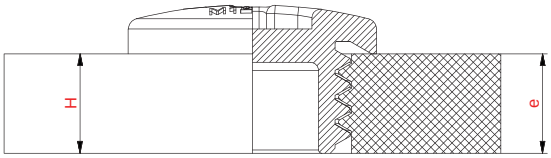


H > e / Wrong

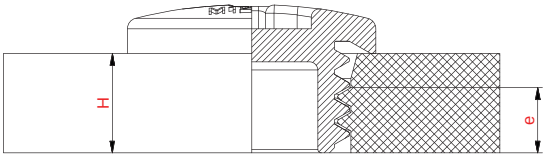


H > e / Wrong

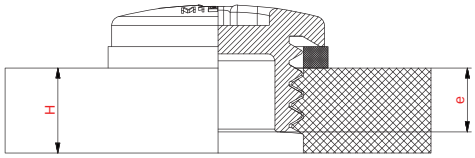
Assembling with lock nut on threaded enclosure



H ≤ e / Right



H > e / Wrong



H > e / Wrong

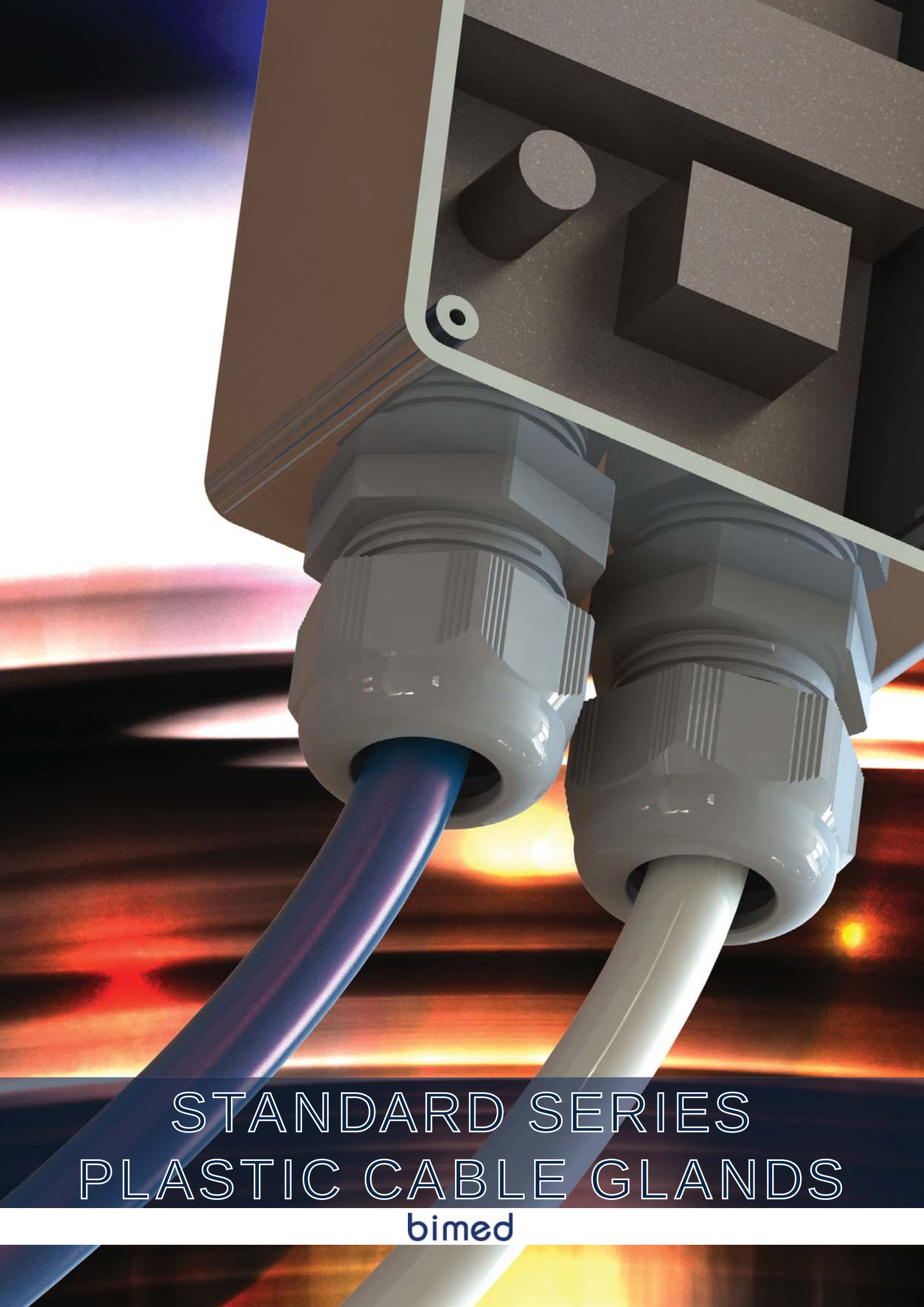
Complementary Instructions:

- The engaged thread lenght **"e"** must be equal or longer than relevant lock nut thickness **"H"**
- The thread dimensions and tolerances on threaded enclosures must be convinient with the relevant thread standard.
- Firstly, the blind stop must be mounted to the enclosure.
- The blind stop or the lock nut must be tightened according to torque indicated on the instruction chart.
- As much as posibble double tool have to be used for non threaded enclosures.(Screw driver+wrench)

Relevent Lock Nut Thickness		
Size		H (±0,5 mm)
M12 to M16	Pg 7 to Pg 11	5
M20 to M25	Pg 13,5 to Pg 16	6
M32 to M40	Pg 21 to Pg 29	7
M50 to M63	Pg 36 to Pg 42	8

PLASTIC CABLE GLANDS & ACCESSORIES

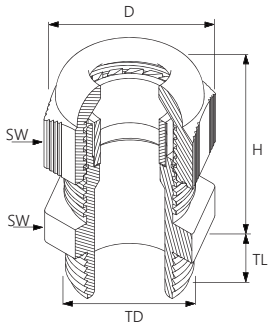
bimed



STANDARD SERIES
PLASTIC CABLE GLANDS

bimed

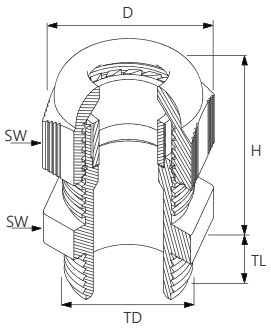
Technical Details		
Material	Body	PA 6 (Polyamide 6)
	Cap	PA 6 (Polyamide 6)
	Seal	CR (Chloroprene Rubber)
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Attachment Thread		EN 60423
Benefits		Easy to assemble
		Easy handling
Accessories		Lock nuts
		Protection tabs
		Dust plugs
		Reducing seals
		Flat cable seals
		Multihole seals
		Gasket
Approvals		Please see page Certificates
UV Test Report Ref. & Standard		RES 107572 & UL514B § 8.26.7
Remarks		Other colours on request (Red-White-Blue)
		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262



Technical Information							Codes			Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW mm	Max. H mm	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min.Qty.
M12x1,5	3,0 - 6,5	8,0	12,0	15,0	23,0	17,2	BM-0S	BM-1S	BM-2S	100	6.000
M16x1,5	5,0 - 10,0	10,0	16,0	22,0	30,0	25,2	BM-01	BM-11	BM-21	50	2.400
		15,0					BM-01L	BM-11L	BM-21L		2.000
M20x1,5	6,0 - 12,0	10,0	20,0	24,0	30,0	27,7	BM-02	BM-12	BM-22	50	1.800
		15,0					BM-02L	BM-12L	BM-22L		
	10,0 - 14,0	10,0	20,0	27,0	33,0	31,0	BM-03	BM-13	BM-23		1.600
		15,0					BM-04	BM-14	BM-24		1.800
M25x1,5	13,0 - 18,0	10,0	25,0	33,0	35,5	37,2	BM-05	BM-15	BM-25	25	750
		15,0					BM-06	BM-16	BM-26		
M32x1,5	18,0 - 25,0	15,0	32,0	42,0	41,0	47,5	BM-07	BM-17	BM-27	20	600
M40x1,5	22,0 - 32,0	18,0	40,0	53,0	50,0	60,0	BM-08	BM-18	BM-28	10	200
M50x1,5	30,0 - 38,0	18,0	50,0	60,0	54,0	67,7	BM-09	BM-19	BM-29	10	200
M63x1,5	34,0 - 44,0	18,0	63,0	65,0	54,5	72,2	BM-10	BM-20	BM-30	10	200
Glands With Reducing Sealing											
M12x1,5	2,0 - 5,0	8,0	12,0	15,0	23,0	17,2	BI-0S	BI-1S	BI-2S	100	6.000
M16x1,5	3,0 - 7,0	10,0	16,0	22,0	30,0	25,2	BI-01	BI-11	BI-21	50	2.400
		15,0					BI-01L	BI-11L	BI-21L		2.000
M20x1,5	5,0 - 9,0	10,0	20,0	24,0	30,0	27,7	BI-02	BI-12	BI-22	50	1.800
		15,0					BI-02L	BI-12L	BI-22L		
	7,0 - 12,0	10,0		27,0	33,0	31,0	BI-03	BI-13	BI-23		1.600
		15,0					BI-04	BI-14	BI-24		1.800
M25x1,5	9,0 - 16,0	10,0	25,0	33,0	35,5	37,2	BI-05	BI-15	BI-25	25	750
		15,0					BI-06	BI-16	BI-26		
M32x1,5	12,0 - 20,0	15,0	32,0	42,0	41,0	47,5	BI-07	BI-17	BI-27	20	600
M40x1,5	20,0 - 26,0	18,0	40,0	53,0	50,0	60,0	BI-08	BI-18	BI-28	10	200
M50x1,5	25,0 - 31,0	18,0	50,0	60,0	54,0	67,7	BI-09	BI-19	BI-29	10	200
M63x1,5	29,0 - 35,0	18,0	63,0	65,0	54,5	72,2	BI-10	BI-20	BI-30	10	200

EURO METRIC THREAD CABLE GLANDS

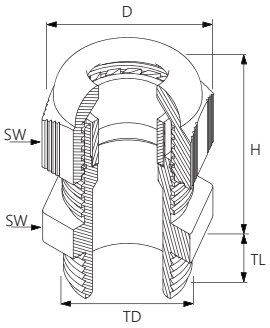
BM-EN



Technical Details		
Material	Body	PA 6 (Polyamide 6)
	Cap	PA 6 (Polyamide 6)
	Seal	CR (Chloroprene Rubber)
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150°C
Attachment Thread		EN 60423
Benefits		Easy to assemble
		Easy handling
Accessories		Lock nuts
		Protection tabs
		Dust plugs
		Reducing seals
		Flat cable seals
		Multihole seals
		Gasket
Approvals		Please see page Certificates
UV Test Report Ref. & Standard		RES 107572 & UL514B § 8.26.7
Remarks		Other colours on request (Red-White-Blue)
		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262

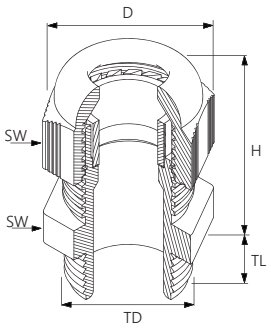
Technical Information							Codes			Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW mm	Max. H	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
M12x1,5	3,0 - 6,5	8,0	12,0	15,0	22,0	17,1	BM-EN-0S	BM-EN-1S	BM-EN-2S	100	6000
		15,0					BM-EN-0SL	BM-EN-1SL	BM-EN-2SL		
M16x1,5	4,0 - 8,0	8,0	16,0	19,0	25,0	21,6	BM-EN-01	BM-EN-11	BM-EN-21	50	3000
M20x1,5	6,0 - 12,0	10,0	20,0	24,0	29,0	27,7	BM-EN-02	BM-EN-12	BM-EN-22	50	1800
		15,0					BM-EN-02L	BM-EN-12L	BM-EN-22L		
M25x1,5	11,0 - 17,0	8,0	25,0	29,0	34,0	32,5	BM-EN-03	BM-EN-13	BM-EN-23	50	1000
		15,0					BM-EN-03L	BM-EN-13L	BM-EN-23L		
M32x1,5	15,0 - 21,0	10,0	32,0	36,0	41,0	41,0	BM-EN-04	BM-EN-14	BM-EN-24	25	750
M40x1,5	19,0 - 28,0	10,0	40,0	46,0	45,5	52,4	BM-EN-05	BM-EN-15	BM-EN-25	20	440
		18,0					BM-EN-05L	BM-EN-15L	BM-EN-25L		
M50x1,5	30,0 - 38,0	18,0	50,0	60,0	49,0	67,7	BM-EN-06	BM-EN-16	BM-EN-26	10	200
M63x1,5	34,0 - 44,0	15,0	63,0	65,0	49,0	72,2	BM-EN-07	BM-EN-17	BM-EN-27	10	200
Glands with Reducing Seal											
M12x1,5	2,0 - 5,0	8,0	12,0	15,0	22,0	17,1	BM-EN-0SR	BM-EN-1SR	BM-EN-2SR	100	6000
		15,0					BM-EN-0SRL	BM-EN-1SRL	BM-EN-2SRL		
M16x1,5	2,0 - 6,0	8,0	16,0	19,0	25,0	21,6	BM-EN-01R	BM-EN-11R	BM-EN-21R	50	3000
M20x1,5	5,0 - 9,0	10,0	20,0	24,0	29,0	27,7	BM-EN-02R	BM-EN-12R	BM-EN-22R	50	1800
		15,0					BM-EN-02RL	BM-EN-12RL	BM-EN-22RL		
M25x1,5	9,0 - 13,0	8,0	25,0	29,0	34,0	32,5	BM-EN-03R	BM-EN-13R	BM-EN-23R	50	1000
		15,0					BM-EN-03RL	BM-EN-13RL	BM-EN-23RL		
M32x1,5	11,0 - 15,5	10,0	32,0	36,0	41,0	41,0	BM-EN-04R	BM-EN-14R	BM-EN-24R	25	750
M40x1,5	16,0 - 23,0	10,0	40,0	46,0	45,5	52,4	BM-EN-05R	BM-EN-15R	BM-EN-25R	20	440
		18,0					BM-EN-05RL	BM-EN-15RL	BM-EN-25RL		
M50x1,5	25,0 - 31,0	18,0	50,0	60,0	49,0	67,7	BM-EN-06R	BM-EN-16R	BM-EN-26R	10	200
M63x1,5	29,0 - 35,0	18,0	63,0	65,0	49,0	72,2	BM-EN-07R	BM-EN-17R	BM-EN-27R	10	200

Technical Details		
Material	Body	PA 6 (Polyamide 6)
	Cap	PA 6 (Polyamide 6)
	Seal	CR (Chloroprene Rubber)
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Attachment Thread		DIN 40430
Benefits		Easy to assemble
		Easy handling
Accessories		Lock nuts
		Protection tabs
		Dust plugs
		Reducing seals
		Flat cable seals
		Multihole seals
		Gasket
Approvals		Please see page Certificates
UV Test Report Ref. & Standard		RES 107572 & UL514B § 8.26.7
Remarks		Other colours on request (Red-White-Blue)
		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262



Thread Type	Technical Information: Clamping Range Ø min-max mm	TL mm	TD mm	SW mm	Max. H mm	D mm	Codes: Ral 7001	Ral 7035	Ral 9005	Packing Information: Inner Pack	Box/Min. Qty.
Pg 7	3,0 - 6,5	8,0	12,4	15,0	23,0	17,2	BS-01	BS-11	BS-21	100	6.000
Pg 9	4,0 - 8,0	8,0	13,1	19,0	26,5	21,9	BS-02	BS-12	BS-22	50	3.000
Pg 11	5,0 - 10,0	8,0	18,5	22,0	22,0	25,2	BS-03	BS-13	BS-23	50	2.400
Pg 13,5	6,0 - 12,0	10,0	20,3	24,0	29,5	27,7	BS-04	BS-14	BS-24	50	1.800
Pg 16	10,0 - 14,0	10,0	22,5	27,0	32,5	31,0	BS-05	BS-15	BS-25	50	1.600
Pg 21	13,0 - 18,0	11,0	28,1	33,0	35,0	37,2	BS-06	BS-16	BS-26	25	750
Pg 29	18,0 - 25,0	11,0	37,0	42,0	42,0	47,5	BS-07	BS-17	BS-27	20	600
Pg 36	22,0 - 32,0	13,0	46,8	53,0	52,0	60,0	BS-08	BS-18	BS-28	10	250
Pg 42	30,0 - 38,0	13,0	54,0	60,0	54,5	67,7	BS-09	BS-19	BS-29	10	200
Pg 48	34,0 - 44,0	14,0	59,0	65,0	54,5	72,2	BS-10	BS-20	BS-30	10	200
Glands With Reducing Sealing											
Pg 7	2,0 - 5,0	8,0	12,4	15,0	23,0	17,2	BSR-01	BSR-11	BSR-21	100	6.000
Pg 9	2,0 - 6,0	8,0	13,1	19,0	26,5	21,9	BSR-02	BSR-12	BSR-22	50	3.000
Pg 11	3,0 - 7,0	8,0	18,5	22,0	22,0	25,2	BSR-03	BSR-13	BSR-23	50	2.400
Pg 13,5	5,0 - 9,0	10,0	20,3	24,0	29,5	27,7	BSR-04	BSR-14	BSR-24	50	1.800
Pg 16	7,0 - 12,0	10,0	22,5	27,0	32,5	31,0	BSR-05	BSR-15	BSR-25	50	1.600
Pg 21	9,0 - 16,0	11,0	28,1	33,0	35,0	37,2	BSR-06	BSR-16	BSR-26	25	750
Pg 29	12,0 - 20,0	11,0	37,0	42,0	42,0	47,5	BSR-07	BSR-17	BSR-27	20	600
Pg 36	20,0 - 26,0	13,0	46,8	53,0	52,0	60,0	BSR-08	BSR-18	BSR-28	10	250
Pg 42	25,0 - 31,0	13,0	54,0	60,0	54,5	67,7	BSR-09	BSR-19	BSR-29	10	200
Pg 48	29,0 - 35,0	14,0	59,0	65,0	54,5	72,2	BSR-10	BSR-20	BSR-30	10	200

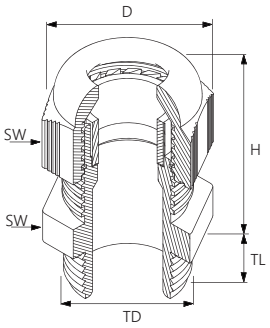
NPT THREAD CABLE GLANDS
BSP



Technical Details		
Material	Body	PA 6 (Polyamide 6)
	Cap	PA 6 (Polyamide 6)
	Seal	CR (Chloroprene Rubber)
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Attachment Thread		ANSI B 1.20.1
Benefits		Easy to assemble
		Easy handling
Accessories		Lock nuts
		Protection tabs
		Dust plugs
		Reducing seals
		Flat cable seals
		Multihole seals
		Gasket
Approvals		Please see page Certificates
UV Test Report Ref. & Standard		RES 107572 & UL514B § 8.26.7
Remarks		Other colours on request (Red-White-Blue)
		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262

Technical Information								Codes			Packing Information	
Thread Type	Clamp.Range Ø min-max mm	Clamp.Range Ø min-max inch	TL inch	TD inch	SW inch	Max. H inch	D inch	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
NPT 3/8"	5,0 - 10,0	0,197-0,394	0,590	0,675	0,866	1,140	0,990	**BSPA-01**	**BSPA-11**	**BSPA-21**	50	2.000
NPT 1/2"	6,0 - 12,0	0,236-0,472	0,590	0,840	0,940	1,200	1,090	**BSPB-02**	**BSPB-12**	**BSPB-22**	50	1.800
	10,0 - 14,0	0,394-0,551			1,062	1,263	1,220	**BSPC-02**	**BSPC-12**	**BSPC-22**		
NPT 3/4"	13,0 - 18,0	0,511-0,709	0,590	1,050	1,299	1,397	1,464	**BSPD-03**	**BSPD-13**	**BSPD-23**	25	750
NPT 1"	18,0 - 25,0	0,709-0,984	0,708	1,315	1,650	1,594	1,870	**BSP-04**	**BSP-14**	**BSP-24**	20	600
Glands With Reducing Sealing												
NPT 3/8"	3,0 - 7,0	0,118-0,276	0,590	0,675	0,866	1,140	0,990	**BSPA-01R**	**BSPA-11R**	**BSPA-21R**	50	2.000
NPT 1/2"	5,0 - 9,0	0,197-0,354	0,590	0,840	0,940	1,200	1,090	**BSPB-02R**	**BSPB-12R**	**BSPB-22R**	50	1.800
	7,0 - 12,0	0,276-0,472			1,062	1,263	1,220	**BSPC-02R**	**BSPC-12R**	**BSPC-22R**		
NPT 3/4"	9,0 - 16,0	0,354-0,630	0,590	1,050	1,299	1,397	1,464	**BSPD-03R**	**BSPD-13R**	**BSPD-23R**	25	750
NPT 1"	12,0 - 20,0	0,472-0,787	0,708	1,315	1,650	1,594	1,870	**BSP-04R**	**BSP-14R**	**BSP-24R**	20	600

Technical Details		
Material	Body	PA 6 (Polyamide 6)
	Cap	PA 6 (Polyamide 6)
	Seal	CR (Chloroprene Rubber)
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Attachment Thread		DIN ISO 228
Benefits		Easy to assemble
		Easy handling
Accessories		Lock nuts
		Protection tabs
		Dust plugs
		Reducing seals
		Flat cable seals
		Multihole seals
		Gasket
Approvals		Please see page Certificates
UV Test Report Ref. & Standard		RES 107572 & UL514B § 8.26.7
Remarks		Other colours on request (Red-White-Blue)
		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262

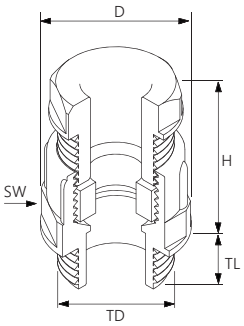


Technical Information							Codes			Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW mm	Max. H mm	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
G 3/8"	5,0 - 10,0	11,0	16,66	22,0	24,5	25,2	**BPF-01**	**BPF-11**	**BPF-21**	50	2400
G 1/2"	6,0 - 12,0	10,0	20,95	24,0	26,0	27,8	**BPF-02**	**BPF-12**	**BPF-22**	50	1800
G 1/2"	10,0 - 14,0	11,0	20,95	27,0	32,0	31,0	**BPF-03**	**BPF-13**	**BPF-23**	50	1600
G 3/4"	13,0 - 18,0	12,0	26,44	33,0	29,5	37,2	**BPF-04**	**BPF-14**	**BPF-24**	25	750
G 1"	18,0 - 25,0	13,0	33,25	42,0	41,0	47,5	**BPF-05**	**BPF-15**	**BPF-25**	20	600
Glands With Reducing Sealing											
G 3/8"	3,0 - 7,0	11,0	16,66	22,0	24,5	25,2	**BPFR-01**	**BPFR-11**	**BPFR-21**	50	2400
G 1/2"	5,0 - 9,0	10,0	20,95	24,0	26,0	27,8	**BPFR-02**	**BPFR-12**	**BPFR-22**	50	1800
G 1/2"	7,0 - 12,0	11,0	20,95	27,0	32,0	31,0	**BPFR-03**	**BPFR-13**	**BPFR-23**	50	1600
G 3/4"	9,0 - 16,0	12,0	26,44	33,0	29,5	37,2	**BPFR-04**	**BPFR-14**	**BPFR-24**	25	750
G 1"	12,0 - 20,0	13,0	33,25	42,0	41,0	47,5	**BPFR-05**	**BPFR-15**	**BPFR-25**	20	600

CONUS SERIES
PLASTIC CABLE GLANDS

bimed

Technical Details		
Material	Body	PA 6 (Polyamide 6)
	Cap	PA 6 (Polyamide 6)
	Seal	TPE
	Pres. Washer	PP
Flammability		V2 (According to UL 94)
Protection Class		IP 54
Operating Temperature		-20 °C up to +80 °C
Attachment Thread		DIN 40430
Benefits		Consisting of a hardened plastic casing
		Pressure screw
Accessories		Lock nuts
Approvals		Please see page Certificates



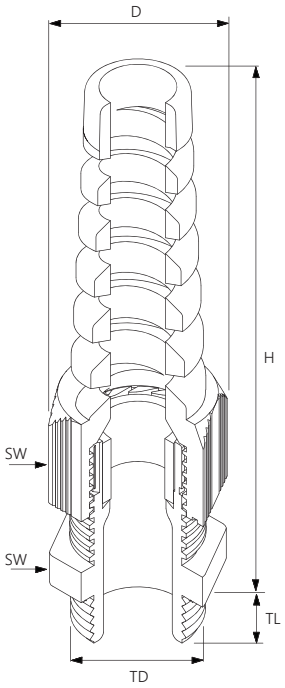
Technical Information							Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW mm	Max. H mm	D mm	Ral 7035	Inner Pack	Box/Min.Qty.
Pg 7	3,0 - 6,0	8	12,40	15	22	16,1	**BD-11**	100	6.000
Pg 9	4,5 - 7,0	8	15,20	19	23	20,5	**BD-12**	100	5.000
Pg 11	6,0 - 9,0	8	18,60	22	25	24,0	**BD-13**	100	3.000
Pg 13,5	9,0 - 12,0	9	20,40	24	26	26,2	**BD-14**	100	2.000
Pg 16	11,0 - 14,0	10	22,50	27	28	29,4	**BD-15**	100	1.600
Pg 21	14,0 - 18,0	11	28,30	33	32	36,3	**BD-16**	50	1.000
Pg 29	18,0 - 25,0	11	37,00	42	36	45,5	**BD-17**	25	500
Pg 36	25,0 - 32,0	13	47,00	53	47	57,8	**BD-18**	10	250

CABLE PROTECTION SERIES
PLASTIC CABLE GLANDS

bimed

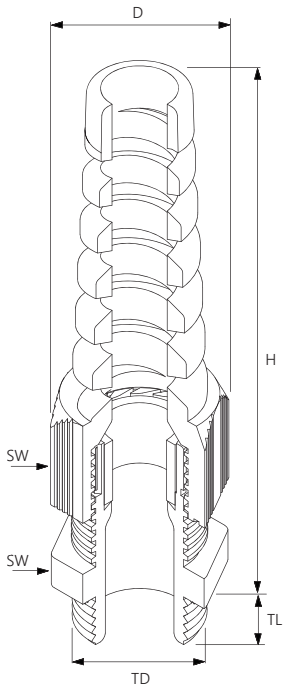
BMSP & BISP

Technical Details		
Material	Body	PA 6 (Polyamide 6)
	Cap	PA 6 (Polyamide 6)
	Seal	CR (Chloroprene Rubber)
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Attachment Thread		EN 60423
Benefits		Offers additional security against conductor damage especially in moving machine parts.
		Easy to assemble
		Easy handling
Accessories		Lock nuts
		Reducing seals
		Flat cable seals
		Multihole seals
Approvals		Please see page Certificates
UV Test Report Ref. & Standard		RES 107572 & UL514B § 8.26.7
Remarks		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262



Technical Information							Codes			Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW mm	Max. H mm	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
M12x1,5	3,0 - 6,5	8	12	15	56,0	17,1	BMSP-0S	BMSP-1S	BMSP-2S	100	4.000
M16x1,5	5,0 - 10,0	10	16	22	81,5	25,2	BMSP-01	BMSP-11	BMSP-21	50	1.500
		15					BMSP-01L	BMSP-11L	BMSP-21L		
M20x1,5	6,0 - 12,0	10	20	24	94,5	27,6	BMSP-02	BMSP-12	BMSP-22	50	1.000
		15					BMSP-02L	BMSP-12L	BMSP-22L		
	10,0 - 14,0	10		27	106,5	31,0	BMSP-03	BMSP-13	BMSP-23		500
		15					BMSP-04	BMSP-14	BMSP-24		
M25x1,5	13,0 - 18,0	10	25	33	117,0	38,0	BMSP-05	BMSP-15	BMSP-25	25	500
		15					BMSP-06	BMSP-16	BMSP-26		
Glands With Reducing Sealing											
M12x1,5	2,0 - 5,0	8	12	15	56,0	17,1	BISP-0S	BISP-1S	BISP-2S	100	4.000
M16x1,5	3,0 - 7,0	10	16	22	81,5	25,2	BISP-01	BISP-11	BISP-21	50	1.500
		15					BISP-01L	BISP-11L	BISP-21L		
M20x1,5	5,0 - 9,0	10	20	24	94,5	27,6	BISP-02	BISP-12	BISP-22	50	1.000
		15					BISP-02L	BISP-12L	BISP-22L		
	7,0 - 12,0	10		27	106,5	31,0	BISP-03	BISP-13	BISP-23		500
		15					BISP-04	BISP-14	BISP-24		
M25x1,5	9,0 - 16,0	10	25	33	117,0	38,0	BISP-05	BISP-15	BISP-25	25	500
		15					BISP-06	BISP-16	BISP-26		

PG THREAD CABLE GLANDS
BSSP & BSRP

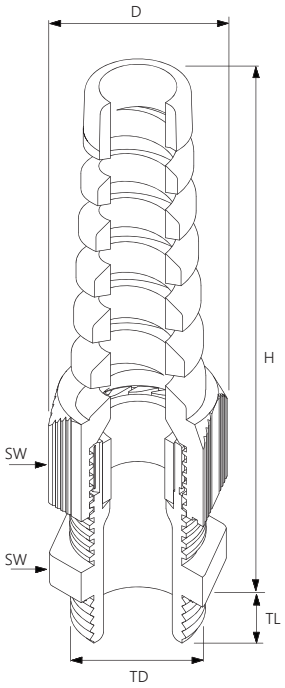


Technical Details		
Material	Body	PA 6 (Polyamide 6)
	Cap	PA 6 (Polyamide 6)
	Seal	CR (Chloroprene Rubber)
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Attachment Thread		DIN 40430
Benefits		Offers additional security against conductor damage especially in moving machine parts.
		Easy to assemble
		Easy handling
Accessories		Lock nuts
		Reducing seals
		Flat cable seals
		Multihole seals
Approvals		Please see page Certificates
UV Test Report Ref. & Standard		RES 107572 & UL514B § 8.26.7
Remarks		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262

Technical Information							Codes			Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW mm	Max. H mm	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min.Qty.
Pg 7	3,0 - 6,5	8	12,4	15	56,0	17,2	BSSP-01	BSSP-11	BSSP-21	100	4.000
Pg 9	4,0 - 8,0	8	15,1	19	69,0	21,8	BSSP-02	BSSP-12	BSSP-22	50	2.000
Pg 11	5,0 - 10,0	8	18,5	22	82,5	25,3	BSSP-03	BSSP-13	BSSP-23	50	1.500
Pg 13,5	6,0 - 12,0	9	20,3	24	94,0	27,6	BSSP-04	BSSP-14	BSSP-24	50	1.000
Pg 16	10,0 - 14,0	10	22,5	27	106,0	31,1	BSSP-05	BSSP-15	BSSP-25	50	500
Pg 21	13,0 - 18,0	11	28,1	33	117,0	38,0	BSSP-06	BSSP-16	BSSP-26	25	500
Glands With Reducing Sealing											
Pg 7	2,0 - 5,0	8	12,4	15	56,0	17,2	BSRP-01	BSRP-11	BSRP-21	100	4.000
Pg 9	2,0 - 6,0	8	15,1	19	69,0	21,8	BSRP-02	BSRP-12	BSRP-22	50	2.000
Pg 11	3,0 - 7,0	8	18,5	22	82,5	25,3	BSRP-03	BSRP-13	BSRP-23	50	1.500
Pg 13,5	5,0 - 9,0	9	20,3	24	94,0	27,6	BSRP-04	BSRP-14	BSRP-24	50	1.000
Pg 16	7,0 - 12,0	10	22,5	27	106,0	31,1	BSRP-05	BSRP-15	BSRP-25	50	500
Pg 21	9,0 - 16,0	11	28,1	33	117,0	38,0	BSRP-06	BSRP-16	BSRP-26	25	500

BNSP

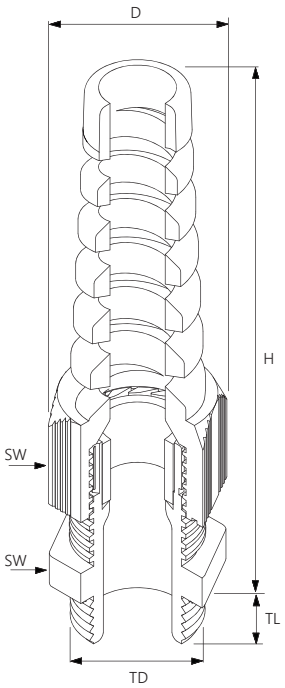
Technical Details		
Material	Body	PA 6 (Polyamide 6)
	Cap	PA 6 (Polyamide 6)
	Seal	CR (Chloroprene Rubber)
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Attachment Thread		ANSI B 1.20.1
Benefits		Offers additional security against conductor damage especially in moving machine parts.
		Easy to assemble
		Easy handling
Accessories		Lock nuts
		Reducing seals
		Flat cable seals
		Multihole seals
Approvals		Please see page Certificates
UV Test Report Ref. & Standard		RES 107572 & UL514B § 8.26.7
Remarks		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262



Technical Information							Codes			Packing Information	
Thread Type	Clamping Range Ø min-max inch	TL inch	TD inch	SW inch	Max. H inch	D inch	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
NPT 3/8"	0,197 - 0,394	0,590	0,675	0,866	3,167	0,996	**BNSPA-01**	**BNSPA-11**	**BNSPA-21**	50	1.500
NPT 1/2"	0,236 - 0,472	0,590	0,840	0,944	3,730	1,086	**BNSPB-02**	**BNSPB-12**	**BNSPB-22**	50	1.000
	0,394 - 0,551		1,050	1,062	4,169	1,220	**BNSPC-02**	**BNSPC-12**	**BNSPC-22**		
NPT 3/4"	0,551- 0,709	0,590	1,315	1,299	4,622	1,490	**BNSPD-03**	**BNSPD-13**	**BNSPD-23**	25	500
Glands With Reducing Sealing											
NPT 3/8"	0,118 - 0,276	0,590	0,675	0,866	3,167	0,996	**BNSPA-01R**	**BNSPA-11R**	**BNSPA-21R**	50	1.500
NPT 1/2"	0,197 - 0,354	0,590	0,840	0,944	3,730	1,086	**BNSPB-02R**	**BNSPB-12R**	**BNSPB-22R**	50	1.000
	0,276 - 0,472		1,050	1,062	4,169	1,220	**BNSPC-02R**	**BNSPC-12R**	**BNSPC-22R**		
NPT 3/4"	0,354- 0,630	0,590	1,315	1,299	4,622	1,490	**BNSPD-03R**	**BNSPD-13R**	**BNSPD-23R**	25	500

G (R) THREAD CABLE GLANDS

BFSP & BFSR



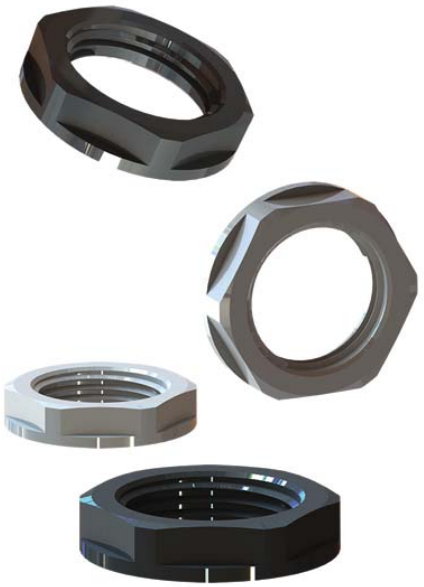
Technical Details		
Material	Body	PA 6 (Polyamide 6)
	Cap	PA 6 (Polyamide 6)
	Seal	CR (Chloroprene Rubber)
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Attachment Thread		DIN ISO 228
Benefits		Offers additional security against conductor damage especially in moving machine parts.
		Easy to assemble
		Easy handling
Accessories		Lock nuts
		Reducing seals
		Flat cable seals
		Multihole seals
Approvals		Please see page Certificates
UV Test Report Ref. & Standard		RES 107572 & UL514B § 8.26.7
Remarks		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262

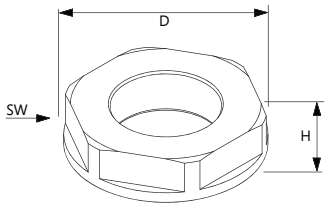
Technical Information							Codes			Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW mm	Max. H mm	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
G 3/8"	5,0 - 10,0	11	16,66	22	80,0	25,3	**BFSP-01**	**BFSP-11**	**BFSP-21**	50	1.500
G 1/2"	6,0 - 12,0	10	20,95	24	94,0	27,6	**BFSP-02**	**BFSP-12**	**BFSP-22**	50	1.000
G 1/2"	10,0 - 14,0	11	20,95	27	105,6	31,0	**BFSP-03**	**BFSP-13**	**BFSP-23**	50	500
G 3/4"	13,0 - 18,0	12	26,44	33	117,5	38,0	**BFSP-04**	**BFSP-14**	**BFSP-24**	25	500
Glands With Reducing Sealing											
G 3/8"	3,0 - 7,0	11	16,66	22	80,0	25,3	**BFSR-01**	**BFSR-11**	**BFSR-21**	50	1.500
G 1/2"	5,0 - 9,0	10	20,95	24	94,0	27,6	**BFSR-02**	**BFSR-12**	**BFSR-22**	50	1.000
G 1/2"	7,0 - 12,0	11	20,95	27	105,6	31,0	**BFSR-03**	**BFSR-13**	**BFSR-23**	50	500
G 3/4"	9,0 - 16,0	12	26,44	33	117,5	38,0	**BFSR-04**	**BFSR-14**	**BFSR-24**	25	500

PLASTIC ACCESSORIES

bimed

FLANGED LOCK NUTS
BML & BL & BFL

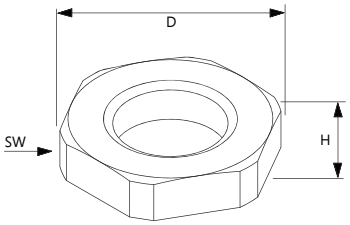


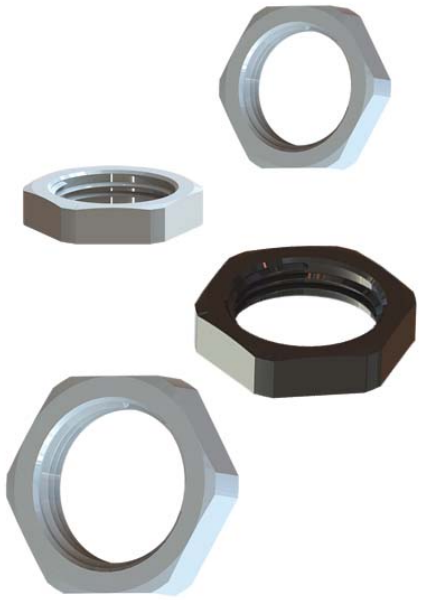


Technical Details		
Material	Lock Nut	Polyamide 6, 30% Glass Fibre Reinforced
Flammability		UL 94 HB
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Remarks		Manufactured according to the requirements of DIN 46320

Technical Information				Codes			Packing Information	
Thread Type	H mm	SW mm	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
Metric Thread (Attachment thread : EN 60423)								
M12x1,5	5	18	19,5	BML-0S	BML-1S	BML-2S	100	10.000
M16x1,5	5	22	24,2	BML-01	BML-11	BML-21	50	7.000
M20x1,5	6	26	28,6	BML-02	BML-12	BML-22	50	5.000
M25x1,5	6	32	35,0	BML-03	BML-13	BML-23	50	3.750
M32x1,5	7	41	46,1	BML-04	BML-14	BML-24	25	2.000
M40x1,5	7	50	55,3	BML-05	BML-15	BML-25	10	1.000
M50x1,5	8	60	66,1	BML-06	BML-16	BML-26	10	750
M63x1,5	8	75	82,5	BML-07	BML-17	BML-27	10	500
Pg Thread (Attachment thread : DIN 40430)								
Pg 7	5	19	21,0	BL-01	BL-11	BL-21	50	10.000
Pg 9	5	22	24,0	BL-02	BL-12	BL-22	50	9.000
Pg 11	5	24	26,0	BL-03	BL-13	BL-23	50	7.000
Pg 13,5	6	27	29,0	BL-04	BL-14	BL-24	50	5.000
Pg 16	6	30	33,0	BL-05	BL-15	BL-25	50	4.000
Pg 21	7	36	39,0	BL-06	BL-16	BL-26	25	2.500
Pg 29	7	46	50,0	BL-07	BL-17	BL-27	20	1.500
Pg 36	8	60	66,0	BL-08	BL-18	BL-28	10	750
Pg 42	8	65	73,0	BL-09	BL-19	BL-29	10	500
Pg 48	8	70	78,0	BL-10	BL-20	BL-30	10	500
G(R) Thread (Attachment thread : DIN ISO 228)								
G 3/8"	5	22	25,0	BFL-01	BFL-11	BFL-21	50	7.000
G 1/2"	5	27	30,5	BFL-02	BFL-12	BFL-22	50	5.000
G 3/4"	5	33	37,5	BFL-03	BFL-13	BFL-23	25	2.500
G 1"	6	47	47,5	BFL-04	BFL-14	BFL-24	20	1.500
Npt Thread (Attachment thread: ANSI B 1.20.1) Dimensions is Inch.								
Npt 3/8"	0,276	0,866	0,984	BPL-01	BPL-11	BPL-21	50	7.000
Npt 1/2"	0,276	1,062	1,200	BPL-02	BPL-12	BPL-22	50	5.000
Npt 3/4"	0,276	1,300	1,476	BPL-03	BPL-13	BPL-23	25	2.500
Npt 1"	0,276	1,614	1,830	BPL-04	BPL-14	BPL-24	20	1.500

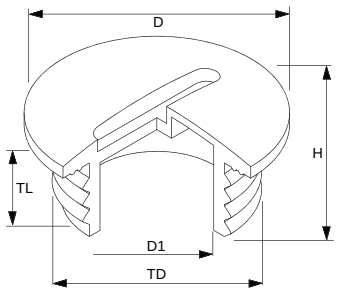
Technical Details		
Material	Lock Nut	Polyamide 6, 30% Glass Fibre Reinforced
Flammability		UL 94 HB
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Remarks		Manufactured according to the requirements of DIN 46320





Technical Information				Codes			Packing Information	
Thread Type	H mm	SW mm	D mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
Metric Thread (Attachment thread : EN 60423)								
M12x1,5	5	18	19,5	BLMN-0S	BLMN-1S	BLMN-2S	100	10000
M16x1,5	5	22	24,2	BLMN-01	BLMN-11	BLMN-21	50	7000
M20x1,5	6	26	28,6	BLMN-02	BLMN-12	BLMN-22	50	5000
M25x1,5	6	32	35,0	BLMN-03	BLMN-13	BLMN-23	50	3750
M32x1,5	7	41	46,1	BLMN-04	BLMN-14	BLMN-24	25	2000
M40x1,5	7	50	55,3	BLMN-05	BLMN-15	BLMN-25	10	1000
M50x1,5	8	60	66,1	BLMN-06	BLMN-16	BLMN-26	10	750
M63x1,5	8	75	82,5	BLMN-07	BLMN-17	BLMN-27	10	500
Pg Thread (Attachment thread : DIN 40430)								
Pg 7	5	19	21,0	BLN-01	BLN-11	BLN-21	100	12.000
Pg 9	5	22	24,0	BLN-02	BLN-12	BLN-22	100	10.000
Pg 11	5	24	26,0	BLN-03	BLN-13	BLN-23	50	7.500
Pg 13,5	6	27	29,0	BLN-04	BLN-14	BLN-24	50	5.000
Pg 16	6	30	33,0	BLN-05	BLN-15	BLN-25	50	4.000
Pg 21	7	36	39,0	BLN-06	BLN-16	BLN-26	25	2.000
Pg 29	7	46	50,0	BLN-07	BLN-17	BLN-27	25	1.750
Pg 36	8	60	66,0	BLN-08	BLN-18	BLN-28	25	800
Pg 42	8	65	72,0	BLN-09	BLN-19	BLN-29	10	750
Pg 48	8	70	78,0	BLN-10	BLN-20	BLN-30	10	500

ROUND BLIND STOPS
BMBS & BBS

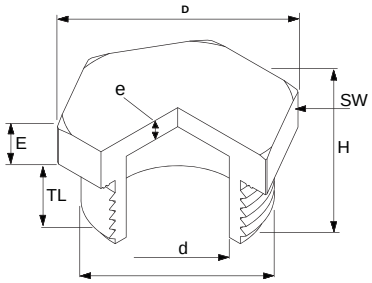


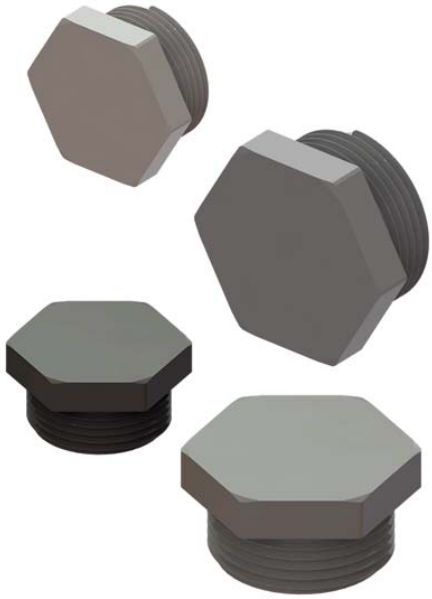
Technical Details		
Material	Blind	PA 6 (Polyamide 6)
Flammability		V2 (According to UL 94)
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Remarks		Manufactured according to the requirements of DIN 46320. The blind plugs need to be screwed in to a threaded hole.

Technical Information					Codes			Packing Information	
Thread Type (TD)	H mm	D mm	D1 mm	TL	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
Metric Thread (Attachment thread : EN 60423)									
M12x1,5	10,5	15,0	8,0	6,0	**BMBS-0S(Y)**	**BMBS-1S(Y)**	**BMBS-2S(Y)**	100	10000
M16x1,5	11,5	20,0	11,0	7,0	**BMBS-01(Y)**	**BMBS-11(Y)**	**BMBS-21(Y)**	50	7000
M20x1,5	12,5	24,0	14,0	7,0	**BMBS-02(Y)**	**BMBS-12(Y)**	**BMBS-22(Y)**	50	5000
M25x1,5	15,0	30,0	19,0	10,0	**BMBS-03(Y)**	**BMBS-13(Y)**	**BMBS-23(Y)**	50	3750
M32x1,5	14,0	37,0	27,0	8,0	**BMBS-04(Y)**	**BMBS-14(Y)**	**BMBS-24(Y)**	25	2000
M40x1,5	12,5	46,5	34,5	6,0	**BMBS-05(Y)**	**BMBS-15(Y)**	**BMBS-25(Y)**	10	1000
M50x1,5	14,0	56,0	45,0	10,0	**BMBS-06(Y)**	**BMBS-16(Y)**	**BMBS-26(Y)**	10	500
Pg Thread (Attachment thread : DIN 40430)									
Pg 7	8,0	15,0	9,0	6,0	**BBS-01(Y)**	**BBS-11(Y)**	**BBS-21(Y)**	100	12.000
Pg 9	8,5	19,0	11,5	6,0	**BBS-02(Y)**	**BBS-12(Y)**	**BBS-22(Y)**	100	10.000
Pg 11	8,5	22,0	15,0	6,0	**BBS-03(Y)**	**BBS-13(Y)**	**BBS-23(Y)**	50	7.500
Pg 13,5	8,5	25,0	17,0	6,0	**BBS-04(Y)**	**BBS-14(Y)**	**BBS-24(Y)**	50	5.000
Pg 16	9,0	27,0	18,5	6,0	**BBS-05(Y)**	**BBS-15(Y)**	**BBS-25(Y)**	50	4.000
Pg 21	12,0	33,0	23,5	8,0	**BBS-06(Y)**	**BBS-16(Y)**	**BBS-26(Y)**	25	2.000
Pg 29	11,5	44,0	32,5	8,0	**BBS-07(Y)**	**BBS-17(Y)**	**BBS-27(Y)**	25	1.750
Pg 36	14,0	55,0	42,5	10,0	**BBS-08(Y)**	**BBS-18(Y)**	**BBS-28(Y)**	25	800

BMBS(A)

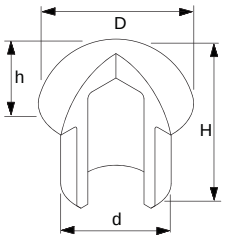
Technical Details		
Material	Blind	PA 6 (Polyamide 6)
Flammability		V2 (According to UL 94)
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Remarks		Manufactured according to the requirements of DIN 46320





Technical Information								Codes			Packing Information	
Thread Type	d mm	TL mm	E mm	e mm	H mm	D mm	SW mm	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
Metric Thread (Attachment thread : EN 60423)												
M12x1,5	7,0	10,0	5,0	3,0	15,0	17,0	15	BMBS-0S (A)	BMBS-1S (A)	BMBS-2S (A)	100	10000
M16x1,5	11,0	12,0	4,3	4,3	16,3	22,0	19	BMBS-01 (A) TL12	BMBS-11 (A) TL12	BMBS-21 (A) TL12	50	7000
		15,0			19,3			BMBS-01 (A) TL15	BMBS-11 (A) TL15	BMBS-21 (A) TL15		
M20x1,5	13,5	11,0	6,0	3,3	17,0	26,0	23	BMBS-02 (A) TL11	BMBS-12 (A) TL11	BMBS-22 (A) TL11	50	3500
		12,0			18,0			BMBS-02 (A) TL12	BMBS-12 (A) TL12	BMBS-22 (A) TL12		
		15,0			21,0			BMBS-02 (A) TL15	BMBS-12 (A) TL15	BMBS-22 (A) TL15		
M25x1,5	18,8	10,0	5,8	3,0	15,8	32,0	28	BMBS-03 (A) TL10	BMBS-13 (A) TL10	BMBS-23 (A) TL10	25	2000
		15,0			20,8			BMBS-03 (A) TL15	BMBS-13 (A) TL15	BMBS-23 (A) TL15		
M32x1,5	24,2	15,0	7,8	3,0	22,8	41,5	36	BMBS-04 (A)	BMBS-14 (A)	BMBS-24 (A)	25	1000
M40x1,5	30,0	18,0	8,5	5,0	26,5	53,0	46	BMBS-05 (A)	BMBS-15 (A)	BMBS-25 (A)	10	750
M50x1,5	40,0	18,0	9,5	5,5	27,5	63,5	55	BMBS-06 (A)	BMBS-16 (A)	BMBS-26 (A)	10	500
M63x1,5	52,0	18,0	9,5	4,5	27,5	80,0	69	BMBS-07 (A)	BMBS-17 (A)	BMBS-27 (A)	10	250

PROTECTION TAPS
BPM & BPT



Technical Details		
Material	Blind	PA 6 (Polyamide 6)
Flammability		V2 (According to UL 94)
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-30 °C up to +150 °C
Remarks		Manufactured according to the requirements of DIN 46320

Technical Information					Codes			Packing Information	
Thread Type	d mm	h mm	D mm	H mm	Ral 9005	Ral 7035	Ral 7001	Inner Pack	Box/Min. Qty.
Metric Thread (Attachment thread : EN 60423) & Pg Thread (Attachment thread : DIN 40430)									
Pg 7/M12x1,5	6,4	4,0	9,2	11,0	**BPM-2S/BPT-21**	**BPM-1S/BPT-11**	**BPM-0S/BPT-01**	100	10000
Pg 9/M16x1,5 (EU)	8,0	5,0	10,5	16,0	**BPM-E21/BPT-22**	**BPM-E11/BPT-12**	**BPM-E01/BPT-02**	50	7000
Pg 11/M16x1,5	9,7	5,7	13,3	20,7	**BPM-21/BPT-23**	**BPM-11/BPT-13**	**BPM-01/BPT-03**		
Pg 13,5/M20x1,5	12,0	8,0	15,8	18,0	**BPM-22/BPT-24**	**BPM-12/BPT-14**	**BPM-02/BPT-04**	50	3500
Pg 16/M20x1,5	13,6	8,7	18,0	18,7	**BPM-22L/BPT-25**	**BPM-12L/BPT-15**	**BPM-02L/BPT-05**		
Pg 21/M25x1,5 (EU)	16,5	7,3	19,9	18,3	**BPM-E23/BPT-26**	**BPM-E13/BPT-16**	**BPM-E03/**	50	2000
Pg 21/M25x1,5	17,8	9,7	22,2	21,0	**BPM-23/BPT-26**	**BPM-13/BPT-16**	**BPM-03/BPT-06**	25	
Pg 29/M32x1,5 (EU)	20,5	9,2	24,1	21,2	**BPM-E24/BPT-27**	**BPM-E14/BPT-17**	**BPM-E04**	25	1000
Pg 29/M32x1,5	25,0	9,9	28,8	24,9	**BPM-24/BPT-27**	**BPM-14/BPT-17**	**BPM-04/BPT-07**		
Pg 36/M40x1,5 (EU)	27,5	9,2	32,0	25,2	**BPM-E25/BPT-28**	**BPM-E15/BPT-18**	**BPM-E05**	10	750
Pg 36/M40x1,5	31,8	10,7	37,3	27,7	**BPM-25/BPT-28**	**BPM-15/BPT-18**	**BPM-05/BPT-08**		
Pg 42/M50x1,5	38,0	13,1	44,5	33,3	**BPM-26/BPT-29**	**BPM-16/BPT-19**	**BPM-06/BPT-09**	10	500
Pg 48/M63x1,5	44,2	16,2	51,7	39,2	**BPM-27/BPT-30**	**BPM-17/BPT-20**	**BPM-07/BPT-10**	10	250

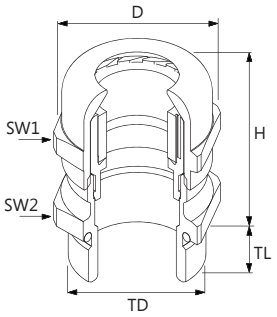
METAL CABLE GLANDS & ACCESSORIES

bimed

METAL CABLE GLANDS

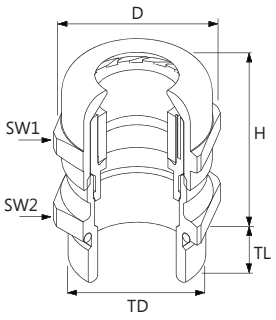
bimed

Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Seal	CR (Chloroprene Rubber)
	Clamp.Insert	Polyamide 6
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +150 °C
Attachment Thread		EN 60423
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
		Reducing seals
		Flat cable seals
		Multihole seals
Approvals		Please see page Certificates
Remarks		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262



Technical Information								Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min.Qty.
M12x1,5	3,0 - 6,5	6,0	12,0	14,0	14,0	21,5	15,5	**BMBC-0S**	50	2.000
M16x1,5	4,0 - 8,0	7,0	16,0	17,0	18,0	23,0	18,9	**BMBC-01**	50	1.500
	5,0 - 10,0	6,5		20,0	20,0	29,0	22,0	**BMBC-01S**		
M20x1,5	6,0 - 12,0	8,0	20,0	22,0	22,0	25,0	26,8	**BMBC-02**	50	800
	10,0 - 14,0			24,0	24,0	28,0		**BMBC-02S**		
M25x1,5	10,0 - 14,0	8,0	25,0	24,0	27,0	28,0	26,8	**BMBC-03**	25	500
	13,0 - 18,0			30,0	30,0	32,0	33,0	**BMBC-03S**		300
M32x1,5	13,0 - 18,0	9,0	32,0	30,0	34,0	33,0	37,5	**BMBC-04**	25	350
	18,0 - 25,0			40,0	40,0	44,0	44,5	**BMBC-04S**		250
M40x1,5	18,0 - 25,0	9,0	40,0	40,0	43,0	38,0	48,5	**BMBC-05**	20	160
	22,0 - 32,0	8,0		50,0	50,0	53,0	55,5	**BMBC-05S**		140
M50x1,5	22,0 - 32,0	9,0	50,0	50,0	55,0	48,0	61,0	**BMBC-06**	15	90
	27,0 - 44,0			64,0	68,0	53,0	75,0	**BMBC-06S**	10	70
M63x1,5	34,0 - 44,0	14,0	63,0	64,0	68,0	54,0	75,0	**BMBC-07**	12	72
	37,0 - 53,0	10,0		75,0	75,0	50,0	83,0	**BMBC-07S**	10	70
Glands With Long Thread										
M12x1,5	3,0 - 6,5	12,0	12,0	14,0	14,0	22,0	15,5	**BMBE-0S**	50	2.000
M16x1,5	4,0 - 8,0	12,0	16,0	17,0	18,0	23,0	20,0	**BMBE-01**	50	1.500
	5,0 - 10,0			20,0	20,0	29,5	22,0	**BMBE-01S**		
M20x1,5	6,0 - 12,0	12,0	20,0	22,0	22,0	24,5	25,0	**BMBE-02**	50	800
	10,0 - 14,0			24,0	24,0	28,0		**BMBE-02S**		
M25x1,5	10,0 - 14,0	12,0	25,0	24,0	27,0	28,0	29,8	**BMBE-03**	25	400
	13,0 - 18,0			30,0	30,0	29,5	33,0	**BMBE-03S**		
M32x1,5	13,0 - 18,0	15,0	32,0	30,0	34,0	32,0	37,5	**BMBE-04**	25	300
	18,0 - 25,0			40,0	40,0	35,0	44,5	**BMBE-04S**		
M40x1,5	18,0 - 25,0	15,0	40,0	40,0	43,0	38,0	48,5	**BMBE-05**	20	160
	22,0 - 32,0			50,0	50,0	52,5	55,5	**BMBE-05S**		
M50x1,5	22,0 - 32,0	15,0	50,0	50,0	55,0	48,0	61,0	**BMBE-06**	15	90
	27,0 - 44,0			64,0	68,0	49,0	70,0	**BMBE-06S**		
M63x1,5	34,0 - 44,0	18,0	63,0	64,0	68,0	53,0	75,0	**BMBE-07**	12	72
	37,0 - 53,0			75,0	75,0	50,0	83,0	**BMBE-07S**		

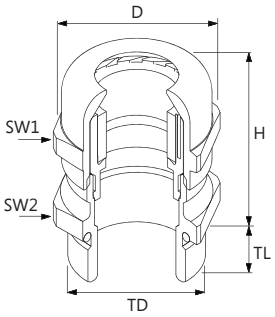
EURO METRIC THREAD CABLE GLANDS
BMBC-E & BMBE-E



Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Seal	CR (Chloroprene Rubber)
	Clamp.Insert	Polyamide 6
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +150 °C
Attachment Thread		EN 60423
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
		Reducing seals
		Flat cable seals
		Multihole seals
Approvals		Please see page Certificates
Remarks		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262

Technical Information								Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min.Qty.
M12x1,5	3,0 - 6,5	6,0	12,0	14,0	14,0	22,0	15,5	**BMBC-ES**	50	2.000
M16x1,5	5,0 - 10,0	7,0	16,0	20,0	20,0	28,5	22,0	**BMBC-E1**	50	1.000
M20x1,5	6,0 - 12,0	8,0	20,0	22,0	22,0	26,5	24,0	**BMBC-E2**	50	800
M25x1,5	11,0 - 17,0	8,0	25,0	27,0	27,0	32,5	30,0	**BMBC-E3**	25	400
M32x1,5	15,0 - 21,0	8,0	32,0	34,0	34,0	36,0	37,0	**BMBC-E4**	25	250
M40x1,5	19,0 - 28,0	9,0	40,0	43,0	43,0	43,5	48,4	**BMBC-E5**	20	140
M50x1,5	27,0 - 38,0	9,0	50,0	58,0	58,0	52,0	64,0	**BMBC-E6**	12	72
M63x1,5	34,0 - 44,0	14,0	63,0	64,0	68,0	54,0	75,0	**BMBC-E7**	12	72
Glands With Long Thread										
M12x1,5	3,0 - 6,5	12,0	12,0	14,0	14,0	22,0	15,5	**BMBE-ES**	50	2.000
M16x1,5	5,0 - 10,0	12,0	16,0	20,0	20,0	28,5	22,0	**BMBE-E1**	50	1.000
M20x1,5	6,0 - 12,0	12,0	20,0	22,0	22,0	26,5	24,0	**BMBE-E2**	50	800
M25x1,5	11,0 - 17,0	12,0	25,0	27,0	27,0	32,5	30,0	**BMBE-E3**	25	400
M32x1,5	15,0 - 21,0	15,0	32,0	34,0	34,0	36,0	37,0	**BMBE-E4**	25	250
M40x1,5	19,0 - 28,0	15,0	40,0	43,0	43,0	43,5	48,4	**BMBE-E5**	20	120
M50x1,5	27,0 - 38,0	15,0	50,0	58,0	58,0	52,0	64,0	**BMBE-E6**	10	70
M63x1,5	34,0 - 44,0	15,0	63,0	64,0	68,0	54,0	75,0	**BMBE-E7**	10	70

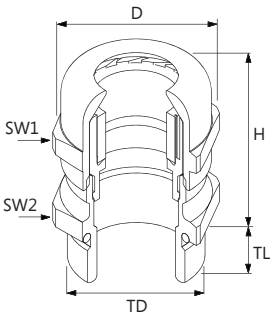
Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Seal	CR (Chloroprene Rubber)
	Clamp.Insert	Polyamide 6
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +150 °C
Attachment Thread		DIN 40430
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
		Reducing seals
		Flat cable seals
		Multihole seals
Approvals		Please see page Certificates
Remarks		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262



Thread Type	Technical Information: Clamping Range Ø min-max mm	TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm	Codes	Packing Information: Inner Pack	Box/Min.Qty.
Pg 7	3,0 - 6,5	6,0	12,5	14,0	14,0	22,0	15,5	**BSBC-01**	50	2.000
Pg 9	4,0 - 8,0	6,0	15,2	17,0	17,0	23,5	18,9	**BSBC-02**	50	1.500
Pg 11	5,0 - 10,0	6,0	18,6	20,0	20,0	26,0	22,0	**BSBC-03**	50	1.000
Pg 13,5	6,0 - 12,0	6,5	20,4	22,0	22,0	24,5	24,5	**BSBC-04**	50	800
Pg 16	10,0 - 14,0	6,5	22,5	24,0	24,0	28,0	26,5	**BSBC-05**	25	500
Pg 21	13,0 - 18,0	7,2	28,3	30,0	30,0	32,5	33,0	**BSBC-06**	25	350
Pg 29	18,0 - 25,0	8,0	37,0	40,0	40,0	38,5	44,5	**BSBC-07**	20	160
Pg 36	22,0 - 32,0	9,0	47,0	50,0	50,0	48,0	55,5	**BSBC-08**	15	90
Pg 42	30,0 - 38,0	12,0	54,0	58,0	58,0	48,5	64,0	**BSBC-09**	12	72
Pg 48	34,0 - 44,0	14,0	59,3	64,0	64,0	53,0	70,0	**BSBC-10**	12	72
Glands With Long Thread										
Pg 7	3,0 - 6,5	10,0	12,5	14,0	14,0	22,0	15,5	**BSBE-01**	50	2.000
Pg 9	4,0 - 8,0	10,0	15,2	17,0	17,0	23,5	18,9	**BSBE-02**	50	1.500
Pg 11	5,0 - 10,0	10,0	18,6	20,0	20,0	26,0	22,0	**BSBE-03**	50	1.000
Pg 13,5	6,0 - 12,0	10,0	20,4	22,0	22,0	24,5	24,5	**BSBE-04**	50	800
Pg 16	10,0 - 14,0	10,0	22,5	24,0	24,0	28,0	26,5	**BSBE-05**	25	600
Pg 21	13,0 - 18,0	12,0	28,3	30,0	30,0	32,5	33,0	**BSBE-06**	25	350
Pg 29	18,0 - 25,0	12,0	37,0	40,0	40,0	38,5	44,5	**BSBE-07**	20	160
Pg 36	22,0 - 32,0	14,0	47,0	50,0	50,0	48,0	55,5	**BSBE-08**	15	90
Pg 42	30,0 - 38,0	16,0	54,0	58,0	58,0	48,5	64,0	**BSBE-09**	12	72
Pg 48	34,0 - 44,0	18,0	59,3	64,0	64,0	53,0	70,0	**BSBE-10**	12	72

NPT THREAD CABLE GLANDS

BNBC



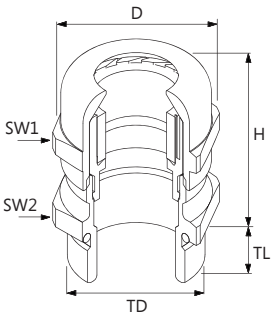
Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Seal	CR (Chloroprene Rubber)
	Clamp.Insert	Polyamide 6
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +150 °C
Attachment Thread		ANSI B 1.20.1
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
		Reducing seals
		Flat cable seals
		Multihole seals
Approvals		Please see page Certificates
Remarks		Different sealing types available
		Large accessory range
		Manufactured according to the requirements of EN 50262

Technical Information								Codes	Packing Information	
Thread Type	Clamping Range Ø min-max inch	TL inch	TD inch	SW1 inch	SW2 inch	Max. H inch	D inch		Inner Pack	Box/Min.Qty.
NPT 3/8"	0,157 - 0,314	0,452	0,661	0,669	0,748	0,905	0,826	**BNBC-01**	50	1.000
NPT 3/8"	0,196 - 0,393	0,452	0,661	0,787	0,787	1,160	0,866	**BNBC-01S**	50	1.000
NPT 1/2"	0,236 - 0,472	0,511	0,822	0,866	0,866	1,003	0,964	**BNBC-02**	50	800
NPT 1/2"	0,393 - 0,551	0,511	0,822	0,944	0,944	1,100	1,055	**BNBC-02S**	50	600
NPT 3/4"	0,511 - 0,708	0,511	1,030	1,181	1,181	1,397	1,299	**BNBC-03**	25	300
NPT 1"	0,708 - 0,984	0,511	1,291	1,574	1,692	1,692	1,751	**BNBC-04**	10	160

STAINLESS STEEL METRIC THREAD CABLE GLANDS

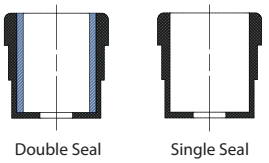
BMSC & BSSC

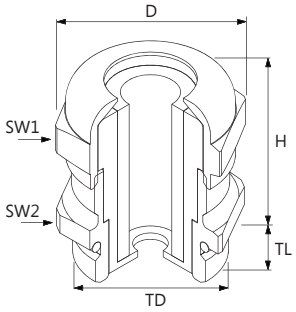
Technical Details		
Material	Body	Alt.1 : 1,4305 (AISI 303) Alt.2 : 1,4404 (AISI 316L)
	Cap	Alt.1 : 1,4305 (AISI 303) Alt.2 : 1,4404 (AISI 316L)
	Seal	Chloroprene
	O-ring	NBR
	Clamp.Insert	Polyamide 6
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +300 °C
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
		Reducing seals
		Flat cable seals
		Multihole seals
Approvals		Please see page Certificates
Remarks		Main usage of these glands is in tunnel lighting and chemical industry where high mechanical and chemical resistance is required. Cap and Body can be produced from AISI 303 (1,4305) or AISI 316L (1,4404) grade stainless steel.



Technical Information								Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min.Qty.
Metric Thread (Attachment thread : EN 60423)										
M12X1,5	3,0 - 6,5	6,0	12,0	14,0	14,0	21,5	15,5	**BMSC-0S**	50	2.000
M16X1,5	4,0 - 8,0	7,0	16,0	17,0	19,0	23,0	20,8	**BMSC-01**	50	1.500
M20X1,5	6,0 - 12,0	8,0	20,0	22,0	22,0	24,0	24,5	**BMSC-02**	50	800
M25X1,5	10,0 - 14,0	8,0	25,0	24,0	27,0	27,5	29,6	**BMSC-03**	25	500
M32X1,5	13,0 - 18,0	9,0	32,0	30,0	36,0	32,5	38,9	**BMSC-04**	25	350
M40X1,5	18,0 - 25,0	9,0	40,0	41,0	46,0	40,6	51,4	**BMSC-05**	20	160
M50X1,5	22,0 - 32,0	9,0	50,0	50,0	55,0	46,0	60,0	**BMSC-06**	15	90
M63X1,5	34,0 - 44,0	14,0	63,0	65,0	70,0	52,0	77,0	**BMSC-07**	12	72
Pg Thread (Attachment thread : DIN 40430)										
Pg7	3,0 - 6,5	6,0	12,5	14,0	14,0	21,8	15,3	**BSSC-01**	50	2.000
Pg9	4,0 - 8,0	6,0	15,2	17,0	19,0	22,6	21,0	**BSSC-02**	50	1.500
Pg11	5,0 - 10,0	6,0	18,6	22,0	22,0	25,5	24,0	**BSSC-03**	50	1.000
Pg13,5	6,0 - 12,0	6,5	20,4	22,0	22,0	24,1	24,5	**BSSC-04**	50	800
Pg16	10,0 - 14,0	6,5	22,5	24,0	24,0	27,5	26,5	**BSSC-05**	25	600
Pg21	13,0 - 18,0	7,2	28,3	30,0	30,0	31,5	32,9	**BSSC-06**	25	350
Pg29	18,0 - 25,0	8,0	37,0	41,0	41,0	37,1	45,5	**BSSC-07**	20	160
Pg36	22,0 - 32,0	9,0	47,0	50,0	50,0	46,0	55,5	**BSSC-08**	15	90
Pg42	30,0 - 38,0	12,0	54,0	60,0	60,0	48,1	66,5	**BSSC-09**	12	72
Pg48	34,0 - 44,0	14,0	59,3	65,0	65,0	49,3	72,0	**BSSC-10**	12	72

METRIC & PG THREAD DOUBLE SEAL CABLE GLANDS
BDSM & BDSP



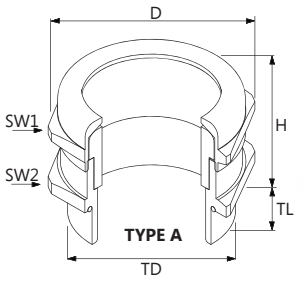


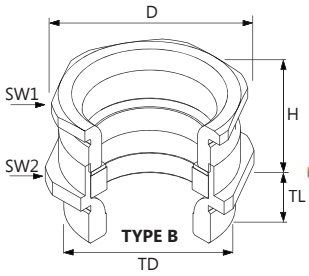
Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +300 °C (Silicone seal)
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
Approvals		Please see page Certificates
Remarks		Double Seal Cable Glands are constructed with double seal, providing a wide clamping range.For high temperature resistant (max 300°C).DS gland can be produced with special silicone sealing.

Technical Information								Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm		TL mm	TD mm	SW mm	Max. H mm	D mm		Inner Pack	Box/Min.Qty.
	Double Seal	Single Seal								
Metric Thread (Attachment thread : EN 60423)										
M12X1,5	-	4,0 -6,0	6,0	12	14	18,0	15,8	**BDSM-0S**	50	2000
M16X1,5	4,0 - 6,0	6,5 - 9,0	5,1	16	18	23,9	19,8	**BDSM-01**	50	1500
M20X1,5	4,5 - 7,0	7,0 - 12,0	6,0	20	22	21,5	25,0	**BDSM-02**	50	1000
M25X1,5	10,0 - 13,0	14,0 - 17,5	7,0	25	28	22,5	31,0	**BDSM-03**	25	600
M32X1,5	14,5 - 18,0	19,0 - 23,5	8,0	32	35	26,0	38,8	**BDSM-04**	25	350
M40X1,5	16,5 - 23,5	19,5 - 27,0	8,0	40	43	35,5	47,0	**BDSM-05**	20	160
Pg Thread (Attachment thread : DIN 40430)										
Pg7	-	4,0 - 7,0	6,0	12,50	15	18,0	16,5	**BDSP-01**	50	1.500
Pg9	4,0 - 6,0	6,0 - 10,0	6,0	15,20	18	18,7	20,0	**BDSP-02**	50	1.500
Pg11	5,0 - 7,0	7,0 - 12,0	6,0	18,60	22	20,5	25,0	**BDSP-03**	50	1.000
Pg13,5	8,0 - 10,0	10,0 - 15,0	6,0	20,40	24	21,0	27,0	**BDSP-04**	50	800
Pg16	8,0 - 10,0	10,0 - 15,0	6,0	22,50	24/25	21,0	27,5	**BDSP-05**	25	600
Pg21	10,0 - 13,0	13,0 - 20,0	7,6	28,30	32	25,0	35,5	**BDSP-06**	25	350
Pg29	19,0 - 21,0	21,0 - 28,0	8,0	37,00	40	25,5	45,1	**BDSP-07**	20	160
Pg36	26,0 - 30,0	30,0 - 35,0	8,0	47,00	50	28,3	56,9	**BDSP-08**	15	90
Pg42	35,0 - 39,0	39,0 - 44,0	10,0	54,00	58	32,2	64,0	**BDSP-09**	12	72
Pg48	37,0 - 40,0	40,0 - 48,0	11,0	59,30	64	34,1	70,0	**BDSP-10**	12	72

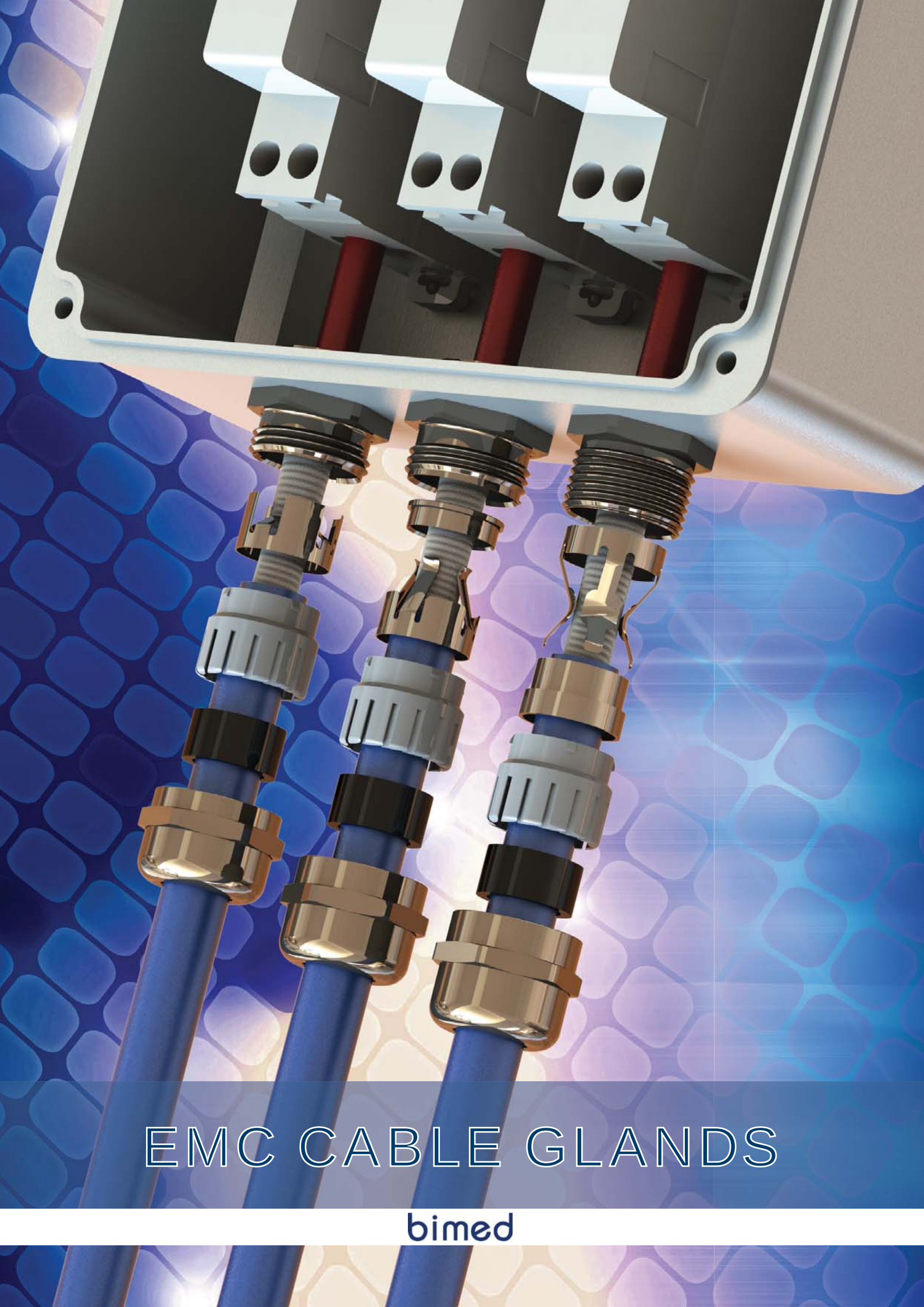
BDSM

Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +150 °C
Attachment Thread		EN 60423
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
Approvals		Please see page Certificates
Remarks		Manufactured according to the requirements of EN 50262





Technical Information									Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm	TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm	Type		Inner Pack	Box/Min.Qty.
M72X2	56,0 - 62,0	16	72	77	77	41,0	86,0	A	**BDSM-08**	4	28
M75X1,5	56,0 - 62,0	16	75	77	77	41,0	86,0	A	**BDSM-09S**	4	16
M75X2	56,0 - 62,0	16	75	77	77	41,0	86,0	A	**BDSM-09**	4	16
M80X2	60,0 - 66,0	18	80	90	90	45,5	99,3	A	**BDSM-10**	2	10
M80X2	50,0 - 56,0	18	80	90	90	50,0	99,3	A	**BDSM-10R**	2	10
M85X2	68,0 - 76,0	22	85	95	95	51,0	106,2	A	**BDSM-11**	2	10
M85X2	63,0 - 70,0	22	85	95	95	53,0	106,2	A	**BDSM-11R**	2	10
M90X2	68,0 - 77,0	22	90	95	100	51,0	112,0	A	**BDSM-12**	2	10
M110X2	60,0 - 82,0	25	110	120	125	74,2	134,0	B	**BDSM-13**	2	8

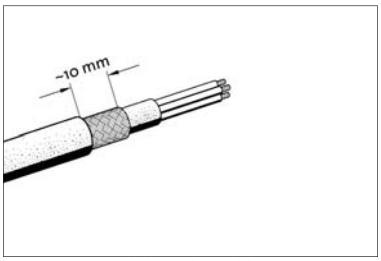


EMC CABLE GLANDS

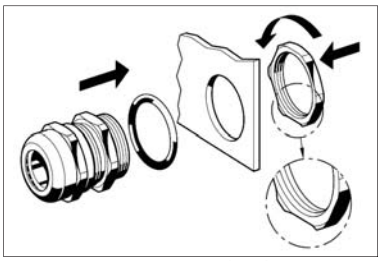
bimed

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

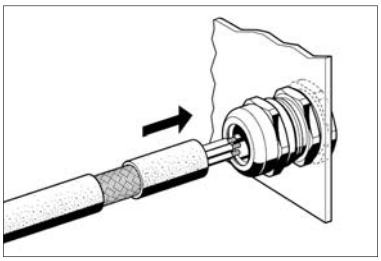
To install an EMC cable gland remove approx. 5 – 10 mm (0.20 – 0.39) of the insulation of the cable. Insert the cable in to the cable gland and adjust it without the contact elements touching the braiding. Tighten the cap and conductivity will be established. The design of the contact elements will adapt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



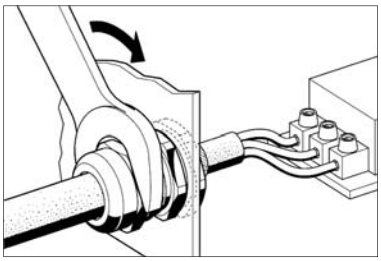
Tighten the cable gland to the housing.



Remove outer sheath of shielded cable

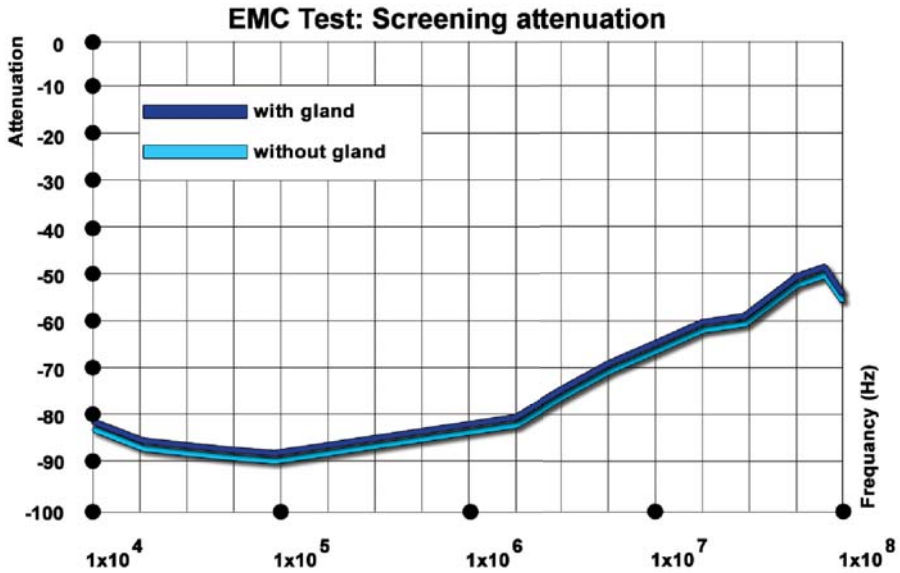


Insert cable until EMC spring

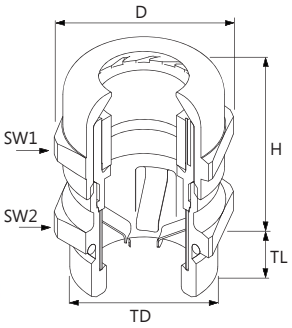


Lock and tight the cap

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



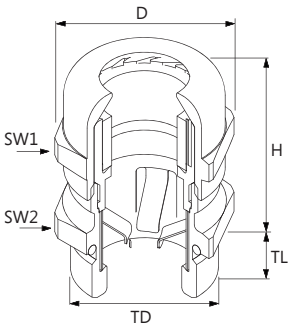
EMC 2 METRIC THREAD CABLE GLANDS
BMEM & BMEN



Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Contact Spr.	Special Copper Alloy
	Clamp.Insert	Polyamide 6 V2
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +150 °C
Attachment Thread		EN 60423
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
Approvals		Please see page Certificates
Remarks		Manufactured according to the requirements of EN 50262

Technical Information									Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm	Shield Diameter Ø min mm	TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min Qty.
M12X1,5	3,0 - 6,5	2,5	6,0	12,0	14,0	14,0	22,0	15,5	**BMEM-0S**	50	2.000
M16X1,5	4,0 - 8,0	3,0	7,0	16,0	17,0	18,0	23,0	20,0	**BMEM-01**	50	1.500
M16X1,5	4,5 - 10,0	3,5	6,5	16,0	20,0	20,0	29,0	22,0	**BMEM-01S**	50	1.500
M20X1,5	6,0 - 12,0	4,5	8,0	20,0	22,0	22,0	24,5	24,5	**BMEM-02**	50	800
M25X1,5	10,0 - 14,0	8,5	8,0	25,0	24,0	27,0	28,0	29,8	**BMEM-03**	25	500
M25X1,5	13,0 - 18,0	10,5	8,0	25,0	30,0	30,0	37,5	33,0	**BMEM-03S**	25	400
M32X1,5	13,0 - 18,0	11,0	9,0	32,0	30,0	34,0	32,5	37,5	**BMEM-04**	25	350
M32X1,5	18,0 - 25,0	14,0	9,0	32,0	40,0	40,0	44,0	44,5	**BMEM-04S**	25	250
M40X1,5	18,0 - 25,0	16,0	9,0	40,0	40,0	43,0	38,0	48,5	**BMEM-05**	20	160
M40X1,5	22,0 - 32,0	20,0	9,0	40,0	50,0	50,0	52,5	55,5	**BMEM-05S**	20	140
M50X1,5	22,0 - 32,0	20,0	9,0	50,0	50,0	55,0	48,0	61,0	**BMEM-06**	15	90
M50X1,5	27,0 - 44,0	26,0	9,0	50,0	64,0	64,0	54,0	70,0	**BMEM-06S**	10	70
M63X1,5	34,0 - 44,0	31,0	14,0	63,0	64,0	68,0	53,0	75,0	**BMEM-07**	12	72
Glands with Long Thread											
M12X1,5	3,0 - 6,5	2,5	12,0	12,0	14,0	14,0	21,8	15,5	**BMEN-0S**	50	2.000
M16X1,5	4,0 - 8,0	3,0	12,0	16,0	17,0	18,0	23,0	20,0	**BMEN-01**	50	1.500
M20X1,5	6,0 - 12,0	4,5	12,0	20,0	22,0	22,0	24,5	24,5	**BMEN-02**	50	800
M25X1,5	10,0 - 14,0	8,5	12,0	25,0	24,0	27,0	28,0	29,8	**BMEN-03**	25	400
M32X1,5	13,0 - 18,0	11,0	15,0	32,0	30,0	34,0	32,5	37,5	**BMEN-04**	25	300
M40X1,5	18,0 - 25,0	16,0	15,0	40,0	40,0	43,0	38,0	48,5	**BMEN-05**	20	160
M50X1,5	22,0 - 32,0	20,0	15,0	50,0	50,0	55,0	48,0	61,0	**BMEN-06**	15	90
M63X1,5	34,0 - 44,0	31,0	18,0	63,0	64,0	68,0	53,0	75,0	**BMEN-07**	12	72

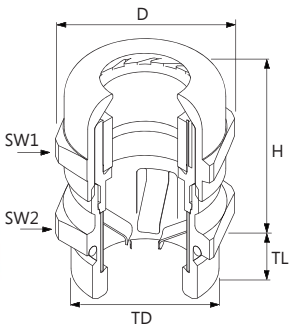
Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Contact Spr.	Special Copper Alloy
	Clamp.Insert	Polyamide 6 V2
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +150 °C
Attachment Thread		DIN 40430
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
Approvals		Please see page Certificates
Remarks		Manufactured according to the requirements of EN 50262



Technical Information									Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm	Shield Diameter Ø min mm	TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min Qty.
Pg7	3,0 - 6,5	2,5	6,0	12,5	14,0	14,0	22,0	15,5	**BSEM-01**	50	2.000
Pg9	4,0 - 8,0	3,0	6,0	15,2	17,0	17,0	23,2	18,9	**BSEM-02**	50	1.500
Pg11	5,0 - 10,0	4,0	6,0	18,6	20,0	20,0	26,0	22,0	**BSEM-03**	50	1.000
Pg13,5	6,0 - 12,0	5,0	6,5	20,4	22,0	22,0	24,5	24,5	**BSEM-04**	50	800
Pg16	10,0 - 14,0	8,5	6,5	22,5	24,0	24,0	28,0	26,5	**BSEM-05**	25	600
Pg21	13,0 - 18,0	11,0	7,2	28,3	30,0	30,0	32,3	33,0	**BSEM-06**	25	350
Pg29	18,0 - 25,0	16,0	8,0	37,0	40,0	40,0	38,0	44,5	**BSEM-07**	20	160
Pg36	22,0 - 32,0	20,0	9,0	47,0	50,0	50,0	47,8	55,5	**BSEM-08**	15	90
Pg42	30,0 - 38,0	28,0	12,0	54,0	58,0	58,0	48,9	64,0	**BSEM-09**	12	72
Pg48	34,0 - 44,0	31,0	14,0	59,3	64,0	64,0	52,4	70,0	**BSEM-10**	12	72
Glands with Long Thread											
Pg7	3,0 - 6,5	2,5	8,0	12,5	14,0	14,0	22,0	15,5	**BSEN-01**	50	2.000
Pg9	4,0 - 8,0	3,0	10,0	15,2	17,0	17,0	23,2	18,9	**BSEN-02**	50	1.500
Pg11	5,0 - 10,0	4,0	10,0	18,6	20,0	20,0	26,0	22,0	**BSEN-03**	50	1.000
Pg13,5	6,0 - 12,0	5,0	10,0	20,4	22,0	22,0	24,5	24,5	**BSEN-04**	50	800
Pg16	10,0 - 14,0	8,5	10,0	22,5	24,0	24,0	27,8	26,5	**BSEN-05**	25	500
Pg21	13,0 - 18,0	11,0	12,0	28,3	30,0	30,0	32,5	33,0	**BSEN-06**	25	350
Pg29	18,0 - 25,0	16,0	12,0	37,0	40,0	40,0	38,5	44,5	**BSEN-07**	20	160
Pg36	22,0 - 32,0	20,0	14,0	47,0	50,0	50,0	48,0	55,5	**BSEN-08**	15	90
Pg42	30,0 - 38,0	28,0	16,0	54,0	58,0	58,0	48,0	64,0	**BSEN-09**	12	72
Pg48	34,0 - 44,0	31,0	18,0	59,3	64,0	64,0	52,4	70,0	**BSEN-10**	12	72

EMC 2 NPT THREAD CABLE GLANDS

BNEM



Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Contact Spr.	Special Copper Alloy
	Clamp.Insert	Polyamide 6 V2
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +150 °C
Attachment Thread		ANSI B1.20.1
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
Approvals		Please see page Certificates
Remarks		Manufactured according to the requirements of EN 50262

Technical Information									Codes	Packing Information	
Thread Type	Clamping Range Ø min-max inch	Shield Diameter Ø min inch	TL inch	TD inch	SW1 inch	SW2 inch	Max. H inch	D inch		Inner Pack	Box/Min. Qty.
NPT3/8"	0,196 - 0,393	0,157	0,452	0,675	0,787	0,787	1,160	0,866	**BNEM-01**	50	1.000
NPT1/2"	0,236 - 0,472	0,196	0,511	0,840	0,866	0,866	1,003	0,964	**BNEM-02**	50	800
NPT3/4"	0,511 - 0,708	0,433	0,511	1,050	1,181	1,181	1,397	1,299	**BNEM-03**	25	300
NPT1"	0,708 - 0,984	0,629	0,511	1,315	1,574	1,692	1,692	1,909	**BNEM-04**	10	160

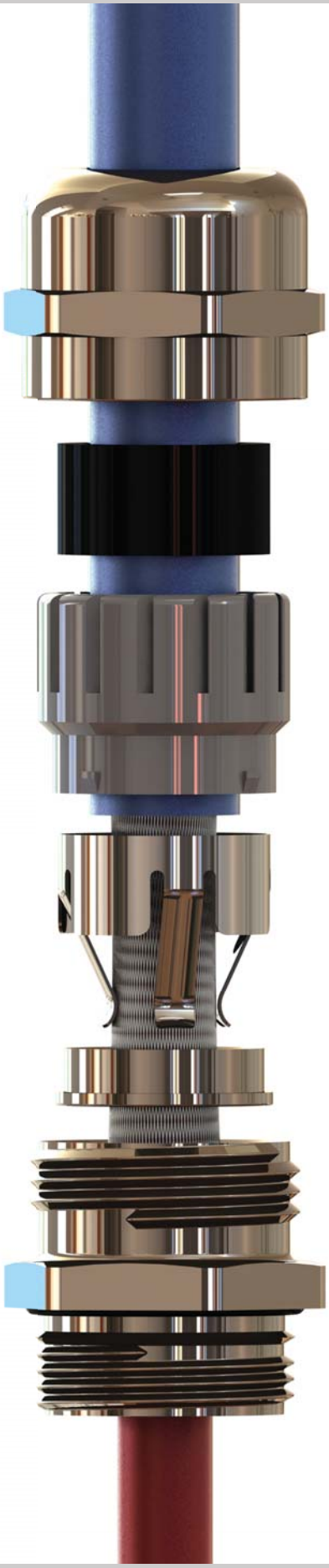
New generation of EMC and Derivation Gland

The new generation of Bimed'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 neccessary 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:

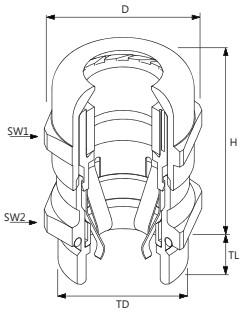
For small cable diameters in the lower clamping range of the gland the contact system won't touch the cable braiding during the installation process at all. For bigger cable diameters in the upper clamping range of the gland, the contact system will rotate freely inside the gland together with the cable 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 Bimed will be used wherever an outstanding performance is needed. Simple application, fast installation together with the patented contact system makes Bimed's gland unique among the cable glands.



EMC 3 EURO METRIC THREAD CABLE GLANDS

BMEM-E



Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Contact Spr.	Special Copper Alloy
	Clamp.Insert	Polyamide 6 V2
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +150 °C
Attachment Thread		EN 60423
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
Approvals		Please see page Certificates
Remarks		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 Bimed glands. 360° brand touching.Manufactured according to the requirements of EN 50262

Technical Information									Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm	Shield Diameter Ø min mm	TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min. Qty.
M12X1,5	3,0 - 6,5	2,5	6,0	12,0	14,0	14,0	22,0	15,5	**BMEM-ES**	50	2.000
M16X1,5	5,0 - 10,0	4,0	7,0	16,0	20,0	20,0	29,0	22,0	**BMEM-E1**	50	1.000
M20X1,5	6,0 - 12,0	5,0	8,0	20,0	22,0	22,0	27,5	24,5	**BMEM-E2**	50	800
M25X1,5	11,0 - 17,0	9,5	8,0	25,0	27,0	27,0	30,7	30,0	**BMEM-E3**	25	400
M32X1,5	15,0 - 21,0	13,5	8,0	32,0	34,0	34,0	38,0	37,0	**BMEM-E4**	25	250
M40X1,5	19,0 - 28,0	17,0	9,0	40,0	43,0	43,0	43,0	48,5	**BMEM-E5**	20	140
M50X1,5	27,0 - 38,0	25,0	9,0	50,0	58,0	58,0	54,5	64,0	**BMEM-E6**	12	72
M63X1,5	34,0 - 44,0	31,0	14,0	63,0	64,0	68,0	57,0	75,0	**BMEM-E7**	12	72

These cable glands are developed according to end users' requirements. Their features can be summarized as follows:

Easy insertion of the cable from the two sides of the gland.

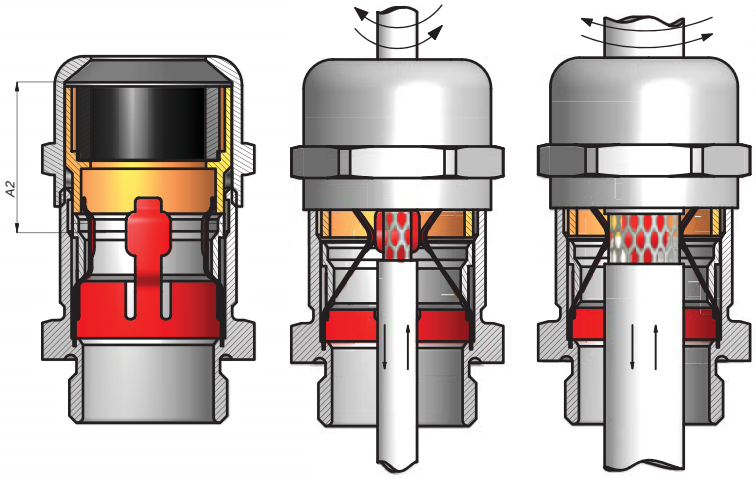
Open contact fingers in loose position.

Free radial and axial movement of the cable.

Easy radial and axial movement of the cable, even in contact position without any damage to the braid with the help of rounded contact finger surfaces.

Large contact surfaces of the fingers allow low contact resistance even on loosely woven cable braids (the contact surfaces do not sink into the braided wires).

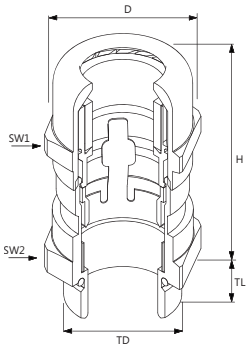
High contact performance even under vibrating conditions with help of the reduced **A2** distance between the "sealing clamping level" and "EMC contact level".



As Supplied *With Min. Cable Diameter* *With Max. Cable Diameter*

EMC 4 METRIC THREAD CABLE GLANDS

BMEM-E

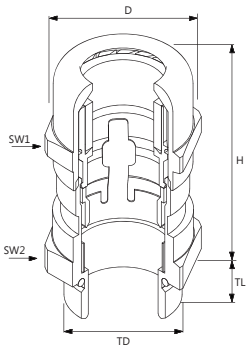


Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Contact Spr.	Special Copper Alloy
	Clamp.Insert	Polyamide 6 V2
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +300 °C
Attachment Thread		EN 60423
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
Approvals		Please see page Certificates
Remarks		Manufactured according to the requirements of EN 50262

Technical Information									Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm	Shield Diameter Ø min mm	TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min. Qty.
M12X1,5	3,0 - 6,5	2,0 - 5,0	6,0	12	14,0	14,0	28,0	15,5	**BMEM-ES (M12T)**	50	2.000
M16X1,5	5,0 - 10,0	3,5 - 8,0	6,0	16	20,0	20,0	33,0	22,0	**BMEM-E1 (M16T)**	50	1.000
M20X1,5	6,0 - 12,0	4,5 - 10,0	6,0	20	22,0	22,0	32,0	24,5	**BMEM-E2S (M20T)**	50	800
M20X1,5	7,5 - 14,0	5,5 - 11,5	8,0	20	24,0	26,0	40,0	26,8	**BMEM-E2 (M20T)**	50	600
M25X1,5	10,0 - 18,0	7,0 - 14,0	8,0	25	30,0	30,0	43,0	33,0	**BMEM-E3 (M25T)**	25	400
M32X1,5	16,0 - 25,0	12,0 - 20,0	9,0	32	40,0	40,0	53,0	43,5	**BMEM-E4 (M32T)**	25	250
M40X1,5	22,0 - 32,0	18,0 - 27,0	9,0	40	50,0	50,0	60,5	55,5	**BMEM-E5 (M40T)**	20	140
M50X1,5	30,0 - 38,0	26,0 - 34,0	9,0	50	58,0	58,0	73,0	64,0	**BMEM-E6 (M50T)**	12	72
M63X1,5	34,0 - 44,0	30,0 - 40,0	14,0	63	64,0	68,0	59,0	70,0	**BMEM-E7 (M63T)**	12	72
M63X1,5	37,0 - 53,0	33,0 - 49,0	10,0	63	75,0	75,0	72,0	83,0	**BMEM-E7L (M63T)**	12	72

BSEM-E

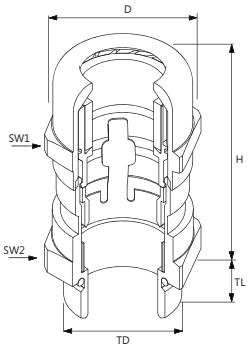
Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Contact Spr.	Special Copper Alloy
	Clamp.Insert	Polyamide 6 V2
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +300 °C
Attachment Thread		DIN 40430
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
Approvals		Please see page Certificates
Remarks		Manufactured according to the requirements of EN 50262. These ranges are not keeped in our stocks and can be produced only for 2.000 pcs as minimum order quantity.



Technical Information									Codes	Packing Information	
Thread Type	Clamping Range Ø min-max mm	Shield Diameter Ø min mm	TL mm	TD mm	SW1 mm	SW2 mm	Max. H mm	D mm		Inner Pack	Box/Min Qty.
Pg7	3,0 - 6,5	2,0 - 5,0	6,0	12,50	14,0	15,0	28,0	15,5	**BSEM-E1(Pg7T)**	50	2000
Pg11	5,0 - 10,0	3,5 - 8,0	6,0	18,60	20,0	21,0	33,0	22,0	**BSEM-E3(Pg11T)**	50	1.000
Pg13,5	6,0 - 12,0	4,5 - 10,0	6,5	20,40	22,0	22,0	31,5	24,5	**BSEM-E4(Pg13,5T)**	50	800
Pg16	7,5 - 14,0	5,5 - 11,5	6,5	22,50	24,0	25,0	39,5	26,8	**BSEM-E5 (Pg16T)**	25	600
Pg21	10,0 - 18,0	7,0 - 14,0	7,0	28,30	32,0	30,0	42,5	33,0	**BSEM-E6 (Pg21T)**	25	400
Pg29	16,0 - 25,0	12,0 - 20,0	9,0	37,00	40,0	40,0	52,5	43,5	**BSEM-E7 (Pg29T)**	25	250
Pg36	22,0 - 32,0	18,0 - 27,0	9,0	47,00	50,0	50,0	60,5	55,5	**BSEM-E8 (Pg36T)**	20	140
Pg42	30,0 - 38,0	26,0 - 34,0	12,0	54,00	58,0	60,0	72,5	64,0	**BSEM-E9 (Pg42T)**	10	100
Pg48	34,0 - 44,0	30,0 - 40,0	14,0	59,30	64,0	68,0	58,5	70,0	**BSEM-E0 (Pg48T)**	5	50

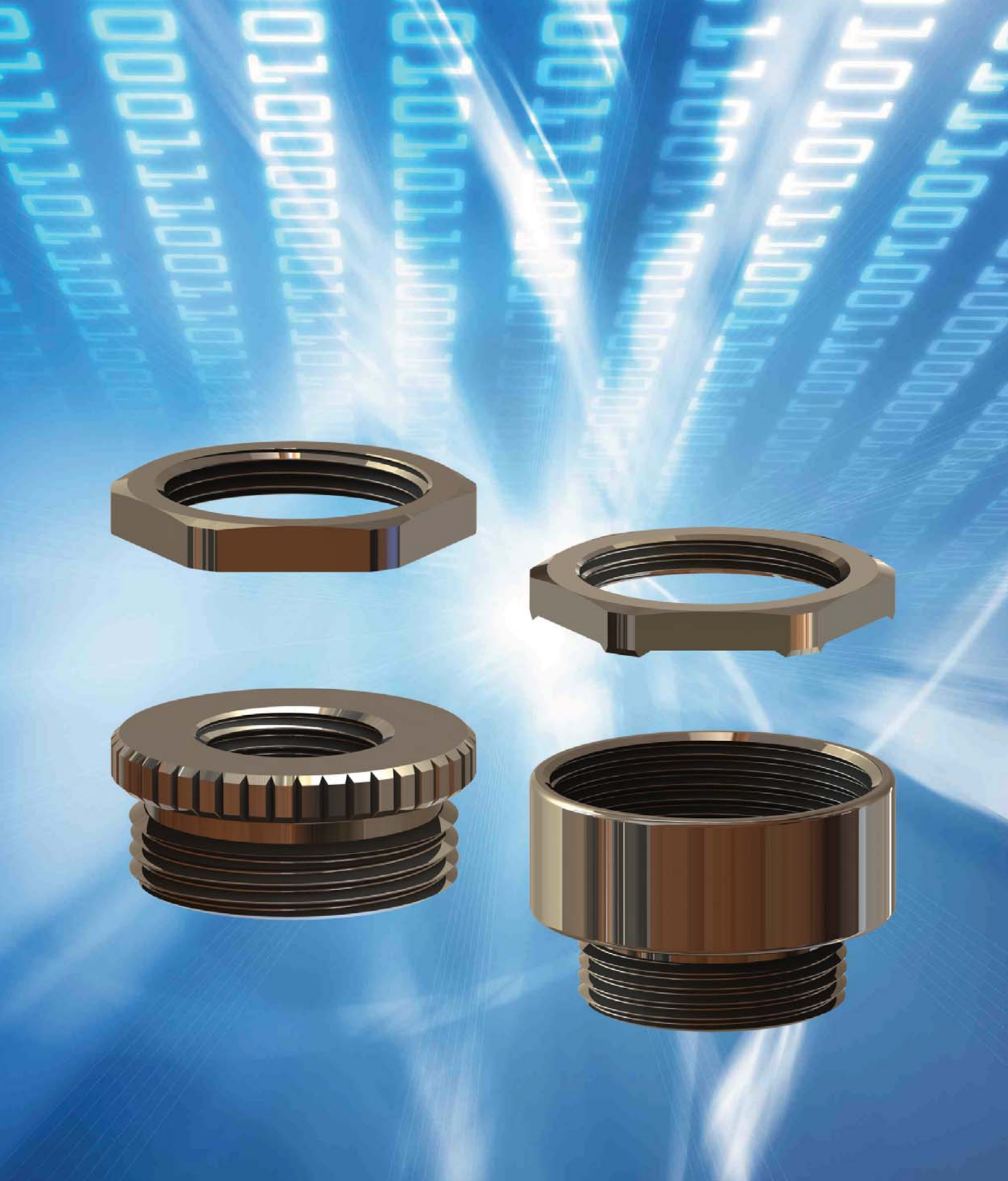
EMC 4 NPT THREAD CABLE GLANDS

BNEM-E



Technical Details		
Material	Body	Brass, Nickel plated
	Cap	Brass, Nickel plated
	Contact Spr.	Special Copper Alloy
	Clamp.Insert	Polyamide 6 V2
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-20 °C up to +100 °C
	Intermittent	-40 °C up to +300 °C
Attachment Thread		ANSI B1.20.1
Benefits		Suitable for highest demands of todays technology
		Easy to assemble
		Easy handling
		Water tight
		Strain relief
Accessories		Lock nuts
Approvals		Please see page Certificates
Remarks		Manufactured according to the requirements of EN 50262. These ranges are not keeped in our stocks and can be produced only for 2.000 pcs as minimum order quantity.

Technical Information								Codes	Packing Information	
Thread Type	Clamping Range Ø min-max inch	Shield Diameter Ø min inch	TL inch	SW1 inch	SW2 inch	Max. H inch	D mm		Inner Pack	Box/Min. Qty.
NPT 1/4"	0,118 - 0,255	0,078 - 0,196	0,453	0,551	0,590	1,102	15,5	**BNEM-ES (NPT1/4"T)**	50	2.000
NPT 3/8"	0,196 - 0,393	0,137 - 0,314	0,453	0,787	0,787	1,300	18,9	**BNEM-E1 (NPT3/8"T)**	50	1.000
NPT 1/2"	0,236 - 0,472	0,177 - 0,393	0,591	0,867	0,867	1,478	22,0	**BNEM-E2S (NPT1/2"T)**	50	800
NPT 1/2"	0,295 - 0,551	0,216 - 0,452	0,591	0,945	0,945	1,556	22,0	**BNEM-E2 (NPT1/2"T)**	50	600
NPT 3/4"	0,393 - 0,708	0,275 - 0,551	0,591	1,182	1,182	1,673	24,5	**BNEM-E3 (NPT3/4"T)**	25	400
NPT 1"	0,629 - 0,984	0,472 - 0,787	0,788	1,575	1,575	2,067	26,8	**BNEM-E4 (NPT1"T)**	25	250
NPT 1 1/4"	0,866 - 1,259	0,708 - 1,062	0,788	1,969	1,969	2,441	33,0	**BNEM-E5 (NPT1 1/4"T)**	20	140
NPT 1 1/2"	1,181 - 1,496	1,023 - 1,338	0,867	2,284	2,284	2,835	43,5	**BNEM-E6 (NPT1 1/2"T)**	10	100
NPT 2"	1,338 - 1,732	1,181 - 1,574	0,867	2,520	2,678	2,815	55,5	**BNEM-E7 (NPT2"T)**	5	50

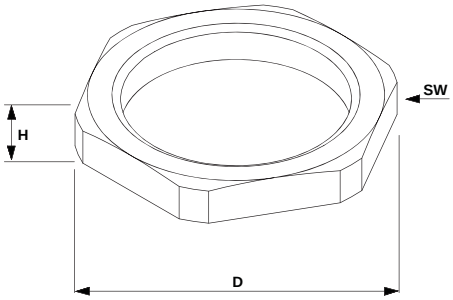


METAL ACCESSORIES

bimed

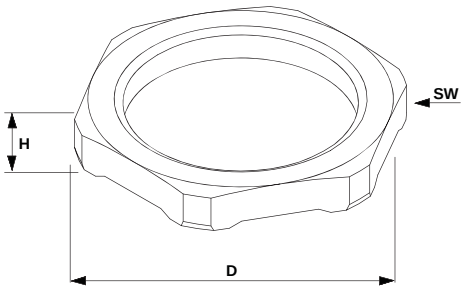
STANDARD METAL LOCK NUTS
BMBL & BSL & BPFL

Technical Details		
Material	Lock Nut	Brass, Nickel plated - Stainless Steel



Technical Information				Codes	Packing Information
Thread Type	SW mm	H mm	D mm		Inner Pack
Metric Thread (Attachment thread : EN 60423)					
M12X1,5	15	2,8	16,6	**BMBL-01**	100
M16X1,5	19	3,0	21,0	**BMBL-02**	100
M20X1,5	24	3,5	26,5	**BMBL-03**	100
M25X1,5	30	4,0	33,0	**BMBL-04**	100
M32X1,5	36	5,0	39,5	**BMBL-05**	50
M40X1,5	46	5,0	51,0	**BMBL-06**	50
M50X1,5	60	5,0	66,0	**BMBL-07**	10
M63X1,5	70	6,0	77,0	**BMBL-08**	10
M72X2,0	77	7,0	86,0	**BMBL-09**	10
M75X2,0	80	7,0	89,6	**BMBL-10**	5
M80X2,0	90	8,0	99,3	**BMBL-11**	5
M85X2,0	95	8,0	106,2	**BMBL-12**	5
M90X2,0	100	8,0	112,0	**BMBL-13**	5
Pg Thread (Attachment thread : DIN 40430)					
Pg 7	15	2,8	16,6	**BSL-01**	100
Pg 9	18	2,8	20,0	**BSL-02**	100
Pg 11	21	3,0	23,5	**BSL-03**	100
Pg 13,5	23	3,0	25,5	**BSL-04**	100
Pg 16	26	3,0	29,0	**BSL-05**	100
Pg 21	32	3,5	35,5	**BSL-06**	100
Pg 29	41	4,0	45,0	**BSL-07**	50
Pg 36	51	5,0	56,0	**BSL-08**	25
Pg 42	60	5,0	66,0	**BSL-09**	10
Pg 48	64	5,5	70,5	**BSL-10**	10
G(Pf) Thread (Attachment thread : DIN ISO 228)					
G 3/8"	22	5,0	24,5	**BPFL-01**	100
G 1/2"	27	5,0	30,0	**BPFL-02**	100
G 3/4"	33	5,0	36,5	**BPFL-03**	100
G 1"	43	5,0	46,5	**BPFL-04**	50

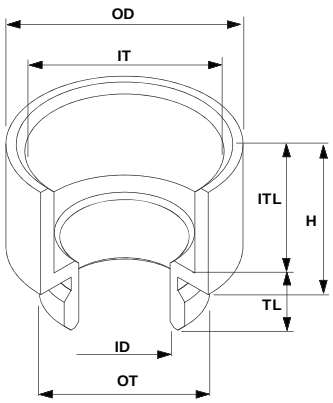
Technical Details	
Material Lock Nut	Brass, Nickel plated - Stainless Steel
Remarks	Special design shape for painted enclosures.



Technical Information				Codes	Packing Information
Thread Type	SW mm	H mm	D mm		Inner Pack
Metric Thread (Attachment thread : EN 60423)					
M12X1,5	15	3,3	16,5	**BMEL-01**	50
M16X1,5	19	3,5	21,0	**BMEL-02**	50
M20X1,5	24	3,5	26,5	**BMEL-03**	50
M25X1,5	30	3,5	33,0	**BMEL-04**	25
M32X1,5	36	4,0	39,5	**BMEL-05**	25
M40X1,5	46	4,6	51,0	**BMEL-06**	20
M50X1,5	60	5,6	66,0	**BMEL-07**	15
M63X1,5	70	6,7	77,0	**BMEL-08**	12
Pg Thread (Attachment thread : DIN 40430)					
Pg7	15	3,3	16,6	**BSEL-01**	50
Pg9	18	3,3	20,0	**BSEL-02**	50
Pg11	21	3,5	23,5	**BSEL-03**	50
Pg13,5	23	3,5	25,5	**BSEL-04**	50
Pg16	26	3,5	29,0	**BSEL-05**	25
Pg21	32	4,0	35,5	**BSEL-06**	25
Pg29	41	4,6	45,0	**BSEL-07**	20
Pg36	51	5,6	56,0	**BSEL-08**	15
Pg42	60	5,6	66,0	**BSEL-09**	12
Pg48	64	6,1	70,5	**BSEL-10**	12

ENLARGERS
PPE & MPE & MME

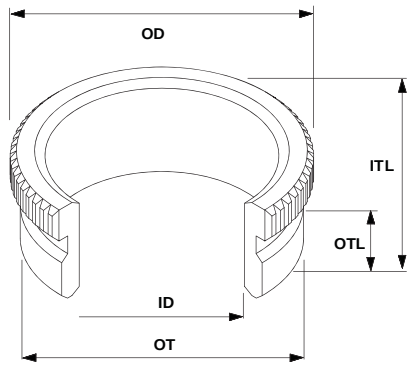
Technical Details		
Material	Enlarger	Brass, Nickel plated
Attachment	Metric	EN 60423
Thread	Pg	DIN 40430



Index Explanations	
OD	Outer diameter
ID	Inner diameter
OT	Outer thread
IT	Inner thread
TL	Outer thread lenght
ITL	Inner thread lenght
H	Height

Technical Information							Codes	Packing Information
OT Thread Type	IT Thread Type	ITL mm	TL mm	H mm	OD mm	ID mm		Inner Pack
Pg-Pg								
Pg7	Pg9	6,0	5,0	10,0	17,0	8,0	**PPE-01**	200
Pg9	Pg11	7,0	6,0	10,5	20,0	11,7	**PPE-02**	200
Pg9	Pg13,5	9,0	6,0	11,5	22,0	11,5	**PPE-03**	150
Pg11	Pg13,5	8,5	6,0	11,5	22,0	13,8	**PPE-04**	150
Pg11	Pg16	8,5	6,5	10,5	24,0	13,8	**PPE-05**	150
Pg11	Pg21	10,0	6,5	14,5	30,0	13,8	**PPE-06**	120
Pg13,5	Pg16	8,5	6,5	10,5	24,0	16,4	**PPE-07**	120
Pg13,5	Pg21	10,0	6,5	14,5	30,0	16,5	**PPE-08**	120
Pg16	Pg21	10,0	6,5	12,0	29,7	17,6	**PPE-09**	100
Pg16	Pg29	12,0	7,0	16,0	40,0	17,5	**PPE-10**	70
Pg21	Pg29	14,0	7,0	16,0	39,0	24,0	**PPE-11**	70
Pg29	Pg36	17,5	8,0	19,5	50,0	32,0	**PPE-12**	50
Pg36	Pg42	19,0	9,0	22,0	57,0	38,0	**PPE-13**	30
Pg42	Pg48	19,5	10,0	23,0	64,0	49,2	**PPE-14**	10
Metric-Pg								
M12x1,5	Pg9	7,0	6,0	9,0	17,0	8,0	**MPE-01**	200
M16x1,5	Pg11	7,5	6,0	9,0	20,0	12,0	**MPE-02**	150
M20x1,5	Pg16	8,5	8,0	10,5	24,0	16,0	**MPE-03**	120
M25x1,5	Pg21	10,0	9,0	12,5	30,0	20,5	**MPE-04**	100
M32x1,5	Pg29	13,0	8,0	16,0	40,0	27,5	**MPE-05**	70
M40x1,5	Pg36	14,0	9,0	18,5	50,0	35,5	**MPE-06**	50
M50x1,5	Pg42	18,0	9,0	22,0	57,0	45,5	**MPE-07**	30
M63x1,5	Pg48	18,0	9,0	23,0	64,0	56,0	**MPE-08**	20
Metric-Metric								
M12x1,5	M16x1,5	7,0	6,0	9,0	18,0	8,0	**MME-01**	200
M16x1,5	M20x1,5	10,0	6,0	11,5	22,0	12,0	**MME-02**	150
M20x1,5	M25x1,5	8,5	7,0	10,5	27,0	16,0	**MME-03**	120
M25x1,5	M32x1,5	9,5	8,0	11,5	34,0	20,5	**MME-04**	100
M32x1,5	M40x1,5	8,5	8,0	14,5	42,0	32,4	**MME-05**	50
M40x1,5	M50x1,5	15,0	8,0	19,5	52,0	35,5	**MME-06**	20
M50x1,5	M63x1,5	9,5	9,0	22,5	65,0	50,6	**MME-07**	10

Technical Details		
Material	Enlarger	Brass, Nickel plated
Attachment	Metric	EN 60423
Thread	Pg	DIN 40430



Index Explanations	
OD	Outer diameter
OT	Outer thread
IT	Inner thread
OTL	Outer thread lenght
ITL	Inner thread lenght

Technical Information					Codes	Packing Information
OT Thread Type	IT Thread Type	ITL mm	OTL mm	OD mm		Inner Pack
Pg-Pg						
Pg9	Pg7	8,5	6,0	17,0	**PPR-01**	200
Pg11	Pg7	8,5	6,0	20,0	**PPR-02**	200
Pg11	Pg9	8,5	6,0	20,0	**PPR-03**	200
Pg13,5	Pg7	9,0	6,5	22,0	**PPR-04**	150
Pg13,5	Pg9	9,0	6,5	22,0	**PPR-05**	150
Pg13,5	Pg11	9,0	6,5	22,0	**PPR-06**	150
Pg16	Pg7	9,5	6,5	24,0	**PPR-07**	120
Pg16	Pg9	9,5	6,5	24,0	**PPR-08**	120
Pg16	Pg11	9,5	6,0	24,0	**PPR-09**	100
Pg16	Pg13,5	9,5	6,0	24,0	**PPR-10**	100
Pg21	Pg11	10,0	7,0	30,0	**PPR-11**	80
Pg21	Pg13,5	10,0	7,0	30,0	**PPR-12**	80
Pg21	Pg16	10,0	7,0	30,0	**PPR-13**	80
Pg29	Pg13,5	11,5	8,0	39,0	**PPR-14**	60
Pg29	Pg16	11,5	8,0	39,0	**PPR-15**	60
Pg29	Pg21	11,5	8,0	39,0	**PPR-16**	50
Pg36	Pg21	12,5	9,0	50,0	**PPR-17**	30
Pg36	Pg29	12,5	9,0	50,0	**PPR-18**	30
Pg42	Pg29	14,0	10,0	57,0	**PPR-19**	25
Pg42	Pg36	14,0	10,0	57,0	**PPR-20**	25
Pg48	Pg36	14,0	10,0	64,0	**PPR-21**	20
Pg48	Pg42	14,0	10,0	64,0	**PPR-22**	10
Pg-Metric						
Pg16	M20x1,5	8,5	6,0	24,0	**PMR-01**	100
Pg21	M20x1,5	10,0	7,0	30,0	**PMR-02**	80
Pg21	M25x1,5	10,0	7,0	30,0	**PMR-03**	50
Pg29	M25x1,5	11,5	8,0	39,0	**PMR-04**	30
Metric-Metric						
M16x1,5	M12x1,5	8,5	6,0	17,0	**MMR-01**	200
M20x1,5	M12x1,5	9,5	6,5	22,0	**MMR-02**	180
M20x1,5	M16x1,5	9,0	6,5	22,0	**MMR-03**	150
M25x1,5	M16x1,5	10,0	6,5	28,0	**MMR-04**	130
M25x1,5	M20x1,5	10,0	8,0	30,0	**MMR-05**	120
M32x1,5	M20x1,5	11,5	8,0	39,0	**MMR-06**	100
M32x1,5	M25x1,5	11,5	8,0	39,0	**MMR-07**	100
M40x1,5	M25x1,5	12,5	9,0	50,0	**MMR-08**	80
M40x1,5	M32x1,5	12,5	9,0	50,0	**MMR-09**	80
M50x1,5	M32x1,5	14,0	10,0	64,0	**MMR-10**	60
M50x1,5	M40x1,5	14,0	10,0	64,0	**MMR-11**	50
M63x1,5	M40x1,5	14,0	10,0	65,0	**MMR-12**	30
M63x1,5	M50x1,5	14,0	10,0	65,0	**MMR-13**	20

For the development of these fittings, a solution was sought to match all types of conduits in our program. For this reason we have developed a 4 piece fitting. The construction is fully adapted to the conduit and guarantees an IP67 watertight connection. For cable hose fittings, even an IP68 protection can be obtained. The robust construction meets all the UL/CSA requirements. The use of nickel-plated brass guarantees high corrosion resistance. Fittings are available in a large selection range; ISO metric, Pg and NPT in straight, 45° and 90° male execution. In order to maintain a common usage standard for the fittings, small adjustments on the connection sets are necessary. Below is an overview of the various conduits and their solutions and technical details.

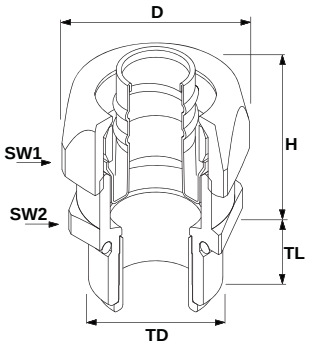
LIQUID TIGHT CONDUIT FITTINGS

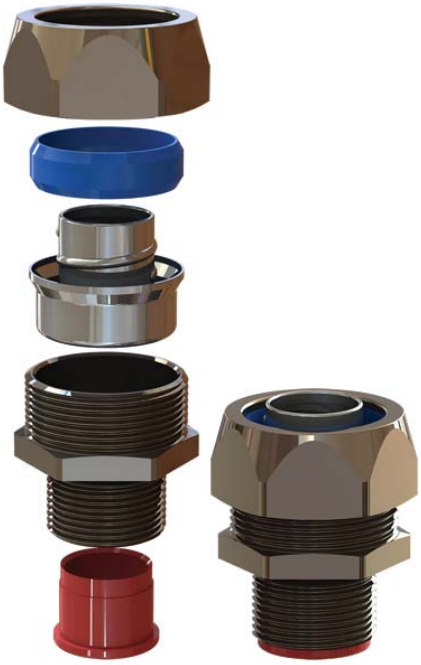
bimed

STRAIGHT (MALE) TYPE LIQUIDTIGHT CONDUIT FITTING

BBFM & BBFB & BBFN

Technical Details		
Material	Cap	Brass, Nickel plated
	Body	Brass, Nickel Plated
	Ferrule	Brass nickel plated or Steel zinc plated
	Prot.Bushing	Polyamide 6 V2
	Seal Ring	Polyamide 6 V2
	O-Ring	NBR
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-45°C to +105°C

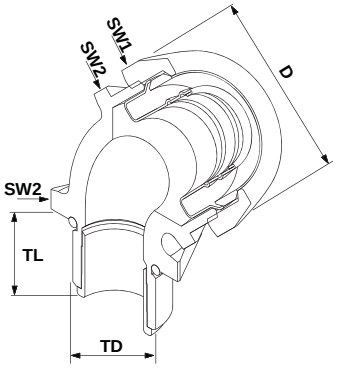




Technical Information								Codes	Size	Packing Information	
Thread Type TD	For Sealtite Ø inch	Max. Internal Ø mm	H mm	TL mm	Ø D mm	SW1 mm	SW2 mm			Inner Pack	Box/Min.Qty.
Blue	Metric Thread (Attachment thread : EN 60423)										
M12X1,5	1/4"	5,2	21,0	10,0	24,5	22,0	20,0	BBFM-01	M20x1,5/M12	50	700
M16X1,5	5/16"	8,3	23,5	11,5	29,0	26,0	24,0	BBFM-02 (S)	M24x1,5/M16	50	600
M16X1,5	3/8"	10,2	23,0	11,5	29,0	26,0	24,0	BBFM-02	M24x1,5/M16	50	600
M20X1,5	3/8"	10,2	23,5	13,0	29,0	26,0	24,0	BBFM-03 (S)	M24x1,5/M20	50	500
M20X1,5	1/2"	13,5	24,5	13,0	32,7	29,0	27,0	BBFM-03	M27x1,5/M20	50	500
M25X1,5	3/4"	18,5	24,5	15,0	38,7	35,0	33,0	BBFM-04	M33x1,5/M25	25	300
M32X1,5	1"	23,5	32,0	15,0	50,0	45,0	43,0	BBFM-05	M42x2,0/M32	10	150
M40X1,5	1 1/4"	31,8	36,5	16,0	60,0	54,0	52,0	BBFM-06	M50x2,0/M40	5	70
M50X1,5	1 1/2"	36,8	38,5	18,0	69,3	63,0	60,0	BBFM-07	M58x2,0/M50	5	50
M63X1,5	2"	47,8	45,0	20,0	85,0	77,0	74,0	BBFM-08	M72x2,0/M63	4	28
M75X1,5	2 1/2"	59,0	51,0	24,0	105,0	95,0	90,0	BBFM-09	M86x2,0/M75	2	10
M80X2,0	3"	73,5	52,0	28,0	122,0	110,0	105	BBFM-10	M103x2,0/M80	2	10
Red	Pg Thread (Attachment thread : DIN 40430)										
Pg 7	1/4"	5,2	20,5	10,0	24,5	22,0	20,0	BBFB-01	M20x1,5/Pg7	50	700
Pg 9	1/4"	5,2	20,5	10,0	24,5	22,0	20,0	BBFB-02	M20x1,5/Pg9	50	600
Pg 9	5/16"	8,3	20,5	10,0	24,5	22,0	20,0	BBFB-02 (A)	M20x1,5/Pg9	50	600
Pg 9	5/16"	8,3	23,5	11,5	29,0	26,0	24,0	BBFB-02 (B)	M24x1,5/Pg9	50	500
Pg 9	3/8"	10,2	23,5	11,5	29,0	26,0	24,0	BBFB-02 (C)	M24x1,5/Pg9	50	500
Pg 11	3/8"	10,2	23,5	11,5	29,0	26,0	24,0	BBFB-03	M24x1,5/Pg11	25	300
Pg 13,5	3/8"	10,2	23,5	11,5	29,0	26,0	24,0	BBFB-04	M24x1,5/Pg13,5	10	150
Pg 16	1/2"	13,5	24,0	13,0	32,7	29,0	27,0	BBFB-05	M27x1,5/Pg16	5	70
Pg 21	3/4"	18,5	24,5	15,0	38,7	35,0	33,0	BBFB-06	M33x1,5/Pg21	5	50
Pg 29	1"	23,5	32,0	15,0	50,0	45,0	43,0	BBFB-07	M42x2,0/Pg29	4	28
Pg 36	1 1/4"	31,8	36,5	16,0	60,0	54,0	52,0	BBFB-08	M50x2,0/Pg36	4	28
Pg 42	1 1/2"	36,8	39,0	18,0	69,3	63,0	60,0	BBFB-09	M58x2,0/Pg42	2	10
Pg 48	2"	47,8	44,5	20,0	85,0	77,0	74,0	BBFB-10	M72x2,0/Pg48	2	10
White	Npt Thread (Attachment thread : ANSI B1.20.1)										
Npt 1/4	1/4"	5,2	20,5	10,0	24,5	22,0	20,0	BBFN-0S	M20x1,5/Npt1/4	50	500
Npt 3/8	3/8"	10,2	23,5	10,0	24,5	22,0	20,0	BBFN-01 (S)	M20x1,5/Npt3/8	50	500
Npt 3/8	3/8"	10,2	23,5	11,5	29,0	26,0	24,0	BBFN-01	M24x1,5/Npt3/8	50	500
Npt 1/2	3/8"	10,2	23,5	13,0	29,0	26,0	24,0	BBFN-02 (S)	M24x1,5/Npt1/2	25	300
Npt 1/2	1/2"	13,6	24,0	13,0	32,7	29,0	27,0	BBFN-02	M27x1,5/Npt1/2	10	150
Npt 3/4	3/4"	18,5	24,5	15,0	38,7	35,0	33,0	BBFN-03	M33x1,5/Npt3/4	5	70
Npt 1	1"	23,5	31,5	15,0	50,0	45,0	43,0	BBFN-04	M42x2,0/Npt1	5	50
Npt 1 1/4	1 1/4"	31,8	37,0	16,0	60,0	54,0	52,0	BBFN-05	M50x2,0/Npt5/4	4	28
Npt 1 1/2	1 1/2"	36,8	38,5	18,0	69,3	63,0	60,0	BBFN-06	M58x2,0/Npt3/2	2	10
Npt 2	2"	47,8	45,5	20,0	85,0	77,0	74,0	BBFN-07	M72x2,0/Npt2	2	10

45° (MALE) TYPE LIQUIDTIGHT CONDUIT FITTING

BBFM & BBFB & BBFN



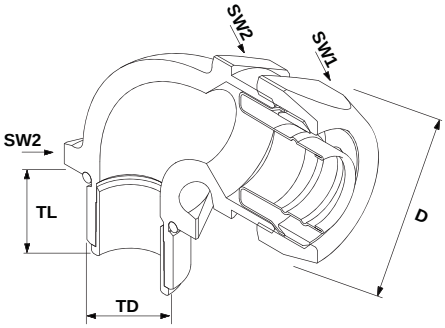
Technical Details		
Material	Cap	Brass, Nickel plated
	Body	Brass, Nickel Plated
	Ferrule	Brass nickel plated or Steel zinc plated
	Prot.Bushing	Polyamide 6 V2
	Seal Ring	Polyamide 6 V2
	O-Ring	NBR
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-45°C to +105°C

Technical Information							Codes	Size	Packing Information	
Thread Type TD	For Sealtite Ø inch	Max. Internal Ø mm	TL mm	Ø D mm	SW1 mm	SW2 mm			Inner Pack	Box/Min.Qty.
Blue	Metric Thread (Attachment thread : EN 60423)									
M16X1,5	5/16"	8,3	11,5	29,0	26,0	22,0	BBFM-02 (S) 45	M24x1,5/M16	50	300
M16X1,5	3/8"	10,2	11,5	29,0	26,0	22,0	BBFM-02 45	M24x1,5/M16	50	300
M20X1,5	3/8"	10,2	13,0	29,0	26,0	22,0	BBFM-03 (S) 45	M24x1,5/M20	50	250
M20X1,5	1/2"	13,5	13,0	32,7	29,0	27,0	BBFM-03 45	M27x1,5/M20	50	250
M25X1,5	3/4"	18,5	15,0	38,7	35,0	33,0	BBFM-04 45	M33x1,5/M25	25	150
M32X1,5	1"	23,5	15,0	50,0	45,0	42,0	BBFM-05 45	M42x2,0/M32	10	100
M40X1,5	1 1/4"	31,8	16,0	60,0	54,0	51,0	BBFM-06 45	M50x2,0/M40	5	50
M50X1,5	1 1/2"	36,8	18,0	69,3	63,0	60,0	BBFM-07 45	M58x2,0/M50	5	25
M63X1,5	2"	47,8	20,0	85,0	77,0	74,0	BBFM-08 45	M72x2,0/M63	4	16
Red	Pg Thread (Attachment thread : DIN 40430)									
Pg 11	5/16"	8,3	11,5	29,0	26,0	22,0	BBFB-03 (S) 45	M24x1,5/Pg11	50	250
Pg 11	3/8"	10,2	11,5	29,0	26,0	22,0	BBFB-03 45	M24x1,5/Pg11	50	250
Pg 13,5	3/8"	10,2	11,5	29,0	26,0	22,0	BBFB-04 45	M24x1,5/Pg13,5	50	250
Pg 16	1/2"	13,5	13,0	32,7	29,0	27,0	BBFB-05 45	M27x1,5/Pg16	50	250
Pg 21	3/4"	18,5	15,0	38,7	35,0	33,0	BBFB-06 45	M33x1,5/Pg21	25	150
Pg 29	1"	23,5	15,0	50,0	45,0	42,0	BBFB-07 45	M42x2,0/Pg29	10	100
Pg 36	1 1/4"	31,8	16,0	60,0	54,0	51,0	BBFB-08 45	M50x2,0/Pg36	5	50
Pg 42	1 1/2"	36,8	18,0	69,3	63,0	60,0	BBFB-09 45	M58x2,0/Pg42	5	25
Pg 48	2"	47,8	20,0	85,0	77,0	74,0	BBFB-10 45	M72x2,0/Pg48	4	16
White	Npt Thread (Attachment thread : ANSI B1.20.1)									
Npt 1/2	3/8"	10,2	13,0	29,0	26,0	22,0	BBFN-02 (S) 45	M24x1,5/Npt1/2	50	300
Npt 1/2	1/2"	13,5	13,0	32,7	29,0	27,0	BBFN-02 45	M27x1,5/Npt1/2	50	250
Npt 3/4	3/4"	18,5	15,0	38,7	35,0	33,0	BBFN-03 45	M33x1,5/Npt3/4	25	150
Npt 1	1"	23,5	15,0	50,0	45,0	42,0	BBFN-04 45	M42x2,0/Npt1	10	100
Npt 1 1/4	1 1/4"	31,8	16,0	60,0	54,0	51,0	BBFN-05 45	M50x2,0/Npt5/4	5	50
Npt 1 1/	1 1/2"	36,8	18,0	69,3	63,0	60,0	BBFN-06 45	M58x2,0/Npt3/2	5	25
Npt 2	2"	47,8	20,0	85,0	77,0	74,0	BBFN-07 45	M72x2,0/Npt2	4	16

90° (MALE) TYPE LIQUIDTIGHT CONDUIT FITTING

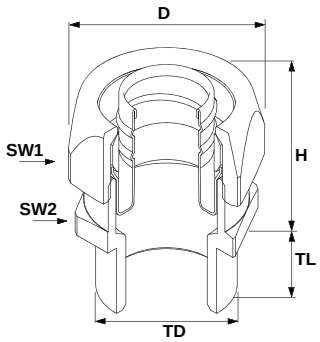
BBFM & BBFB & BBFN

Technical Details		
Material	Cap	Brass, Nickel plated
	Body	Brass, Nickel Plated
	Ferrule	Brass nickel plated or Steel zinc plated
	Prot.Bushing	Polyamide 6 V2
	Seal Ring	Polyamide 6 V2
	O-Ring	NBR
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-45°C to +105°C



Technical Information							Codes	Size	Packing Information	
Thread Type TD	For Sealtite Ø mm	Max. Internal Ø mm	TL mm	Ø D mm	SW1 mm	SW2 mm			Inner Pack	Box/Min.Qty.
Blue	Metric Thread (Attachment thread : EN 60423)									
M16X1,5	5/16"	8,3	11,5	29,0	26,0	22,0	BBFM-02 (S) 90	M24x1,5/M16	50	300
M16X1,5	3/8"	10,2	11,5	29,0	26,0	22,0	BBFM-02 90	M24x1,5/M16	50	300
M20X1,5	3/8"	10,2	13,0	29,0	26,0	22,0	BBFM-03 (S) 90	M24x1,5/M20	50	250
M20X1,6	1/2"	13,5	13,0	32,7	29,0	27,0	BBFM-03 90	M27x1,5/M20	50	250
M25X1,5	3/4"	18,5	15,0	38,7	35,0	33,0	BBFM-04 90	M33x1,5/M25	25	150
M32X1,5	1"	23,5	15,0	50,0	45,0	42,0	BBFM-05 90	M42x2,0/M32	10	100
M40X1,5	1 1/4"	31,8	16,0	60,0	54,0	51,0	BBFM-06 90	M50x2,0/M40	5	50
M50X1,5	1 1/2"	36,8	18,0	69,3	63,0	60,0	BBFM-07 90	M58x2,0/M50	5	25
M63X1,5	2"	47,8	20,0	85,0	77,0	74,0	BBFM-08 90	M72x2,0/M63	4	16
Red	Pg Thread (Attachment thread : DIN 40430)									
Pg 11	5/16"	8,3	11,5	29,0	26,0	22,0	BBFB-03 (S) 90	M24x1,5/Pg11	50	250
Pg 11	3/8"	10,2	11,5	29,0	26,0	22,0	BBFB-03 90	M24x1,5/Pg11	50	250
Pg 13,5	3/8"	10,2	11,5	29,0	26,0	22,0	BBFB-04 90	M24x1,5/Pg13,5	50	250
Pg 16	1/2"	13,5	13,0	32,7	29,0	27,0	BBFB-05 90	M27x1,5/Pg16	50	250
Pg 21	3/4"	18,5	15,0	38,7	35,0	33,0	BBFB-06 90	M33x1,5/Pg21	25	150
Pg 29	1"	23,5	15,0	50,0	45,0	42,0	BBFB-07 90	M42x2,0/Pg29	10	100
Pg 36	1 1/4"	31,8	16,0	60,0	54,0	51,0	BBFB-08 90	M50x2,0/Pg36	5	50
Pg 42	1 1/2"	36,8	18,0	69,3	63,0	60,0	BBFB-09 90	M58x2,0/Pg42	5	25
Pg 48	2"	47,8	20,0	85,0	77,0	74,0	BBFB-10 90	M72x2,0/Pg48	4	16
White	Npt Thread (Attachment thread : ANSI B1.20.1)									
Npt 1/2	3/8"	10,2	13,0	29,0	26,0	22,0	BBFN-02 (S) 90	M24x1,5/Npt1/2	50	300
Npt 1/2	1/2"	13,5	13,0	32,7	29,0	27,0	BBFN-02 90	M27x1,5/Npt1/2	50	250
Npt 3/4	3/4"	18,5	15,0	38,7	35,0	33,0	BBFN-03 90	M33x1,5/Npt3/4	25	150
Npt 1	1"	23,5	15,0	50,0	45,0	42,0	BBFN-04 90	M42x2,0/Npt1	10	100
Npt 1 1/4	1 1/4"	31,8	16,0	60,0	54,0	51,0	BBFN-05 90	M50x2,0/Npt5/4	5	50
Npt 1 1/2	1 1/2"	36,8	18,0	69,3	63,0	60,0	BBFN-06 90	M58x2,0/Npt3/2	5	25
Npt 2	2"	47,8	20,0	85,0	77,0	74,0	BBFN-07 90	M72x2,0/Npt2	4	16

STRAIGHT (FEMALE) TYPE LIQUIDTIGHT CONDUIT FITTING
BBFM & BBFB & BBFN



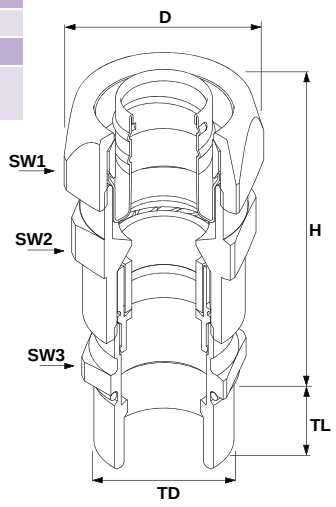
Technical Details		
Material	Cap	Brass, Nickel plated
	Body	Brass, Nickel Plated
	Ferrule	Brass nickel plated or Steel zinc plated
	Prot.Bushing	Polyamide 6 V2
	Seal Ring	Polyamide 6 V2
	O-Ring	NBR
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-45°C to +105°C

Technical Information								Codes	Size		
Thread Type TD	For Sealtite Ø inch	Max. Internal Ø mm	H mm	TL mm	Ø D mm	SW1 mm	SW2 mm			Inner Pack	Box/Min.Qty.
Blue	Metric Thread (Attachment thread : EN 60423)										
M16X1,5	5/16"	8,3	23,5	11,5	29,0	26,0	24,0	BBFM-02 (S) F	M24x1,5/M16	50	600
M16X1,5	3/8"	10,2	23,0	11,5	29,0	26,0	24,0	BBFM-02 F	M24x1,5/M16	50	600
M20X1,5	1/2"	13,5	24,5	13,0	32,7	29,0	27,0	BBFM-03 F	M27x1,5/M20	50	500
M25X1,5	3/4"	18,5	24,5	15,0	38,7	35,0	33,0	BBFM-04 F	M33x1,5/M25	25	300
M32X1,5	1"	23,5	32,0	15,0	50,0	45,0	43,0	BBFM-05 F	M42x2,0/M32	10	150
M40X1,5	1 1/4"	31,8	36,5	16,0	60,0	54,0	52,0	BBFM-06 F	M50x2,0/M40	5	70
M50X1,5	1 1/2"	36,8	38,5	18,0	69,3	63,0	60,0	BBFM-07 F	M58x2,0/M50	5	50
M63X1,5	2"	47,8	45,0	20,0	85,0	77,0	74,0	BBFM-08 F	M72x2,0/M63	4	28
Red	Pg Thread (Attachment thread : DIN 40430)										
Pg 11	5/16"	8,3	23,5	11,5	29,0	26,0	24,0	BBFB-03 (S) F	M24x1,5/Pg11	50	600
Pg 11	3/8"	10,2	23,5	11,5	29,0	26,0	24,0	BBFB-03 F	M24x1,5/Pg11	50	600
Pg 13,5	3/8"	10,2	23,5	11,5	29,0	26,0	24,0	BBFB-04 F	M24x1,5/Pg13,5	50	500
Pg 16	1/2"	13,5	24,0	13,0	32,7	29,0	27,0	BBFB-05 F	M27x1,5/Pg16	50	500
Pg 21	3/4"	18,5	24,5	15,0	38,7	35,0	33,0	BBFB-06 F	M33x1,5/Pg21	25	300
Pg 29	1"	23,5	32,0	15,0	50,0	45,0	43,0	BBFB-07 F	M42x2,0/Pg29	10	150
Pg 36	1 1/4"	31,8	36,5	16,0	60,0	54,0	52,0	BBFB-08 F	M50x2,0/Pg36	5	70
Pg 42	1 1/2"	36,8	39,0	18,0	69,3	63,0	60,0	BBFB-09 F	M58x2,0/Pg42	5	50
Pg 48	2"	47,8	44,5	20,0	85,0	77,0	74,0	BBFB-10 F	M72x2,0/Pg48	4	28
White	Npt Thread (Attachment thread : ANSI B1.20.1)										
Npt 1/2	3/8"	10,2	23,5	13,0	29,0	26,0	24,0	BBFN-02 (S) F	M24x1,5/Npt1/2	50	500
Npt 1/2	1/2"	13,5	24,0	13,0	32,7	29,0	27,0	BBFN-02 F	M27x1,5/Npt1/2	50	500
Npt 3/4	3/4"	18,5	24,5	15,0	38,7	35,0	33,0	BBFN-03 F	M33x1,5/Npt3/4	25	300
Npt 1	1"	23,5	31,5	15,0	50,0	45,0	43,0	BBFN-04 F	M42x2,0/Npt1	10	150
Npt 1 1/4	1 1/4"	31,8	37,0	16,0	60,0	54,0	52,0	BBFN-05 F	M50x2,0/Npt5/4	5	70
Npt 1 1/2	1 1/2"	36,8	38,5	18,0	69,3	63,0	60,0	BBFN-06 F	M58x2,0/Npt3/2	5	50
Npt 2	2"	47,8	45,5	20,0	85,0	77,0	74,0	BBFN-07 F	M72x2,0/Npt2	4	28

CABLE HOSE (MALE) TYPE LIQUIDTIGHT CONDUIT FITIINGS

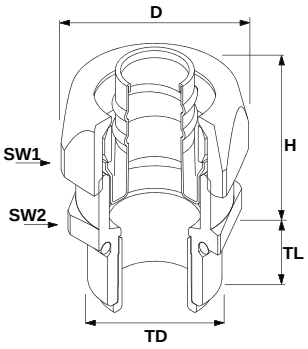
BBFM & BBFB

Technical Details		
Material	Cap	Brass, Nickel plated
	Body	Brass, Nickel Plated
	Ferrule	Brass nickel plated or Steel zinc plated
	Prot.Bushing	Polyamide 6 V2
	Seal Ring	Polyamide 6 V2
	O-Ring	NBR
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-45°C to +105°C



Technical Information									Codes	Clamping Range Ø min-max mm	Size	Packing Information	
Thread Type TD	For Sealtite Ø inch	Max. Internal Ø mm	H mm	TL mm	Ø D mm	SW1 mm	SW2 mm	SW3 mm				Inner Pack	Box/Min. Qty.
Blue	Metric Thread (Attachment thread : EN 60423)												
M16X1,5	5/16"	8,3	47,0	12,0	29,0	26,0	24,0	18,0	BBFM-02 (S) CH	4,0-8,0	M24x1,5/M16	50	500
M16X1,5	3/8"	10,2	47,0	12,0	29,0	26,0	24,0	18,0	BBFM-02 CH	4,0-8,0	M24x1,5/M16	50	500
M20X1,5	3/8"	10,2	47,0	12,0	29,0	26,0	24,0	22,0	BBFM-03 (S) CH	6,0-10,0	M24x1,5/M20	25	300
M20X1,5	1/2"	13,5	48,2	12,0	32,7	29,0	27,0	22,0	BBFM-03 CH	6,0-12,0	M27x1,5/M20	25	300
M25X1,5	3/4"	18,5	61,5	12,0	38,7	29,0	33,0	30,0	BBFM-04 CH	13,0-18,0	M33x1,5/M25	25	250
M32X1,5	1"	23,5	73,0	15,0	50,0	35,0	43,0	40,0	BBFM-05 CH	18,0-23,5	M42x2,0/M32	25	250
M40X1,5	1 1/4"	31,8	86,5	15,0	58,3	45,0	52,0	50,0	BBFM-06 CH	22,0-31,5	M50x2,0/M40	10	100
Red	Pg Thread (Attachment thread : DIN 40430)												
Pg 9	5/16"	8,3	47,0	12,0	29,0	26,0	24,0	17,0	BBFB-02 (S) CH	4,0-8,0	M20x1,5/Pg9	50	500
Pg 9	3/8"	10,2	47,0	12,0	29,0	26,0	24,0	17,0	BBFB-02 CH	4,0-8,0	M24x1,5/Pg9	50	500
Pg 11	3/8"	10,2	47,0	15,0	29,0	26,0	24,0	20,0	BBFB-03 CH	5,0-10,0	M24x1,5/Pg11	50	400
Pg 13,5	3/8"	10,2	47,0	15,0	29,0	26,0	24,0	22,0	BBFB-04 CH	6,0-10,0	M24x1,5/Pg13,5	25	300
Pg 16	1/2"	13,5	51,5	15,0	32,7	29,0	27,0	24,0	BBFB-05 CH	10,0-14,0	M27x1,5/Pg16	25	250
Pg 21	3/4"	18,5	56,5	15,0	38,7	35,0	33,0	30,0	BBFB-06 CH	13,0-18,0	M33x1,5/Pg21	25	250
Pg 29	1"	23,5	67,5	15,0	50,0	45,0	43,0	40,0	BBFB-07 CH	18,0-25,0	M42x2,0/Pg29	10	100

STRAIGHT (MALE-SS) TYPE LIQUIDTIGHT CONDUIT FITTING
BBFM & BBFB & BBFN



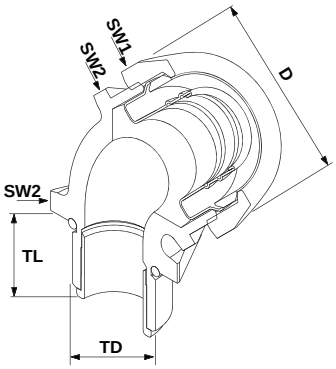
Technical Details		
Material	Cap	Stainless Steel AISI 303
	Body	Stainless Steel AISI 303
	Ferrule	Brass nickel plated
	Prot.Bushing	Polyamide 6 V2
	Seal Ring	Polyamide 6 V2
	O-Ring	NBR
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-45°C to +105°C

Technical Information								Codes	Size	Packing Information	
Thread Type TD	For Sealtite Ø inch	Max. Internal Ø mm	H mm	TL mm	Ø D mm	SW1 mm	SW2 mm			Inner Pack	Box/Min. Qty.
Blue	Metric Thread (Attachment thread : EN 60423)										
M16X1,5	5/16"	8,3	23,5	11,5	30,0	27,0	24,0	BBFM-02 (S) SS	M24x1,5/M16	50	600
M20X1,5	5/16"	8,3	23,5	13,0	30,0	27,0	24,0	BBFM-03 (SP) SS	M24x1,5/M20	50	500
M16X1,5	3/8"	10,9	23,0	11,5	30,0	27,0	24,0	BBFM-02 SS	M24x1,5/M16	50	600
M20X1,5	3/8"	10,9	23,5	13,0	33,7	30,0	27,0	BBFM-03 (S) SS	M27x1,5/M20	50	500
M20X1,5	1/2"	13,9	24,5	13,0	33,7	30,0	27,0	BBFM-03 SS	M27x1,5/M20	50	500
M25X1,5	3/4"	18,9	24,5	15,0	39,7	36,0	36,0	BBFM-04 SS	M33x1,5/M25	25	300
M32X1,5	1"	24,4	32,0	15,0	51,0	46,0	46,0	BBFM-05 SS	M42x2,0/M32	10	150
M40X1,5	1 1/4"	31,8	36,5	16,0	58,3	54,0	52,0	BBFM-06 SS	M50x2,0/M40	5	70
Red	Pg Thread (Attachment thread : DIN 40430)										
Pg 9	5/16"	8,3	20,5	11,5	30,0	26,0	24,0	BBFB-02 SS	M20x1,5/Pg9	50	600
Pg 11	3/8"	10,9	23,5	11,5	30,0	27,0	24,0	BBFB-03 SS	M24x1,5/Pg11	50	600
Pg 13,5	3/8"	10,9	23,5	11,5	30,0	27,0	24,0	BBFB-04 SS	M24x1,5/Pg13,5	50	500
Pg 16	1/2"	13,9	24,0	13,0	33,7	30,0	27,0	BBFB-05 SS	M27x1,5/Pg16	50	500
Pg 21	3/4"	18,9	24,5	15,0	39,7	36,0	36,0	BBFB-06 SS	M33x1,5/Pg21	25	300
Pg 29	1"	24,4	32,0	15,0	51,0	46,0	46,0	BBFB-07 SS	M42x2,0/Pg29	10	150
Pg 36	1 1/4"	31,8	36,5	16,0	58,3	54,0	52,0	BBFB-08 SS	M50x2,0/Pg36	5	70
Pg 42	1 1/2"	36,8	39,0	18,0	67,8	63,0	60,0	BBFB-09 SS	M58x2,0/Pg42	5	50
Pg 48	2"	47,8	44,5	20,0	82,2	77,0	74,0	BBFB-10 SS	M72x2,0/Pg48	4	28
White	Npt Thread (Attachment thread : ANSI B1.20.1)										
Npt 1/2	3/8"	10,9	23,5	13,0	30,0	27,0	24,0	BBFN-02 (S) SS	M24x1,5/Npt1/2	50	500
Npt 1/2	1/2"	13,9	24,0	13,0	33,7	30,0	27,0	BBFN-02 SS	M27x1,5/Npt1/2	50	500
Npt 3/4	3/4"	18,9	24,5	15,0	39,7	36,0	36,0	BBFN-03 SS	M33x1,5/Npt3/4	25	300
Npt 1	1"	24,4	31,5	15,0	51,0	46,0	46,0	BBFN-04 SS	M42x2,0/Npt1	10	150

45° (MALE-SS) TYPE LIQUIDTIGHT CONDUIT FITTING

BBFM & BBFB & BBFN

Technical Details		
Material	Cap	Stainless Steel AISI 303
	Body	Stainless Steel AISI 303
	Ferrule	Brass nickel plated
	Prot.Bushing	Polyamide 6 V2
	Seal Ring	Polyamide 6 V2
	O-Ring	NBR
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-45°C to +105°C

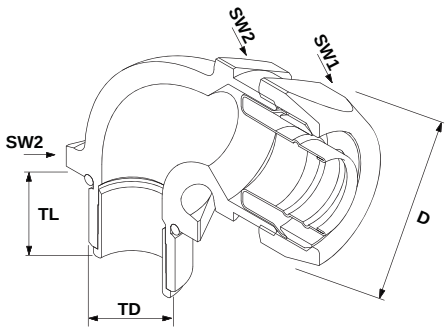


Technical Information							Codes	Size	Packing Information	
Thread Type TD	For Sealtite Ø inch	Max. Internal Ø mm	TL mm	Ø D mm	SW1 mm	SW2 mm			Inner Pack	Box/Min.Qty.
Blue	Metric Thread (Attachment thread : EN 60423)									
M16X1,5	5/16"	8,3	11,5	30,0	27,0	22,0	BBFM-02 (S) 45 SS	M24x1,5/M16	50	300
M16X1,5	3/8"	10,9	11,5	30,0	27,0	22,0	BBFM-02 45 SS	M24x1,5/M16	50	300
M20X1,5	1/2"	13,9	13,0	33,7	30,0	27,0	BBFM-03 45 SS	M27x1,5/M20	50	250
M25X1,5	3/4"	18,9	15,0	39,7	36,0	33,0	BBFM-04 45 SS	M33x1,5/M25	25	150
Red	Pg Thread (Attachment thread : DIN 40430)									
Pg 11	5/16"	8,3	11,5	30,0	27,0	22,0	BBFB-03 (S) 45 SS	M24x1,5/Pg11	50	250
Pg 11	3/8"	10,9	11,5	30,0	27,0	22,0	BBFB-03 45 SS	M24x1,5/Pg11	50	250
Pg 13,5	3/8"	10,9	11,5	30,0	27,0	22,0	BBFB-04 45 SS	M24x1,5/Pg13,5	50	250
Pg 16	1/2"	13,5	13,0	33,7	30,0	27,0	BBFB-05 45 SS	M27x1,5/Pg16	50	250
Pg 21	3/4"	18,9	15,0	39,7	36,0	33,0	BBFB-06 45 SS	M33x1,5/Pg21	25	150
Pg 29	1"	24,4	15,0	51,0	46,0	42,0	BBFB-07 45 SS	M42x2,0/Pg29	10	100
Pg 36	1 1/4"	31,8	16,0	58,3	54,0	51,0	BBFB-08 45 SS	M50x2,0/Pg36	5	50
Pg 42	1 1/2"	36,8	18,0	67,8	63,0	60,0	BBFB-09 45 SS	M58x2,0/Pg42	5	25
Pg 48	2"	47,8	20,0	82,2	77,0	74,0	BBFB-10 45 SS	M72x2,0/Pg48	4	16
White	Npt Thread (Attachment thread : ANSI B1.20.1)									
Npt 1/2	3/8"	10,9	13,0	30,0	27,0	27,0	BBFN-02 (S) 45 SS	M24x1,5/Npt1/2	50	300
Npt 1/2	1/2"	13,9	13,0	33,7	30,0	27,0	BBFN-02 45 SS	M27x1,5/Npt1/2	50	250
Npt 3/4	3/4"	18,9	15,0	39,7	36,0	33,0	BBFN-03 45 SS	M33x1,5/Npt3/4	25	150

90° (MALE-SS) TYPE LIQUIDTIGHT CONDUIT FITTING

BBFM & BBFB & BBFN

Technical Details		
Material	Cap	Stainless Steel AISI 303
	Body	Stainless Steel AISI 303
	Ferrule	Brass nickel plated
	Prot.Bushing	Polyamide 6 V2
	Seal Ring	Polyamide 6 V2
	O-Ring	NBR
Protection Class		IP 68 - 5 Bar
Operating Temperature	Permanent	-45°C to +105°C



Technical Information							Codes	Size	Packing Information	
Thread Type	For Sealtite Ø mm	Max. Internal Ø mm	TL mm	Ø D mm	SW1 mm	SW2 mm			Inner Pack	Box/Min.Qty.
Blue	Metric Thread (Attachment thread : EN 60423)									
M16X1,5	5/16"	8,3	11,5	30,0	27,0	22,0	BBFM-02 (S) 90 SS	M24x1,5/M16	50	300
M16X1,5	3/8"	10,9	11,5	30,0	27,0	22,0	BBFM-02 90 SS	M24x1,5/M16	50	300
M20X1,5	1/2"	13,9	13,0	33,7	30,0	27,0	BBFM-03 90 SS	M27x1,5/M20	50	250
M25X1,5	3/4"	18,9	15,0	39,7	36,0	33,0	BBFM-04 90 SS	M33x1,5/M25	25	150
Red	Pg Thread (Attachment thread : DIN 40430)									
Pg 11	5/16"	8,3	11,5	30,0	27,0	22,0	BBFB-03 (S) 90 SS	M24x1,5/Pg11	50	250
Pg 11	3/8"	10,9	11,5	30,0	27,0	22,0	BBFB-03 90 SS	M24x1,5/Pg11	50	250
Pg 13,5	3/8"	10,9	11,5	30,0	27,0	22,0	BBFB-04 90 SS	M24x1,5/Pg13,5	50	250
Pg 16	1/2"	13,9	13,0	33,7	30,0	27,0	BBFB-05 90 SS	M27x1,5/Pg16	50	250
Pg 21	3/4"	18,9	15,0	39,7	36,0	33,0	BBFB-06 90 SS	M33x1,5/Pg21	25	150
Pg 29	1"	24,4	15,0	51,0	46,0	42,0	BBFB-07 90 SS	M42x2,0/Pg29	10	100
Pg 36	1 1/4"	31,8	16,0	58,3	54,0	51,0	BBFB-08 90 SS	M50x2,0/Pg36	5	50
Pg 42	1 1/2"	36,8	18,0	67,8	63,0	60,0	BBFB-09 90 SS	M58x2,0/Pg42	5	25
Pg 48	2"	47,8	20,0	82,2	77,0	74,0	BBFB-10 90 SS	M72x2,0/Pg48	4	16
White	Npt Thread (Attachment thread : ANSI B1.20.1)									
Npt 1/2	3/8"	10,9	13,0	30,0	27,0	27,0	BBFN-02 (S) 90 SS	M24x1,5/Npt1/2	50	300
Npt 1/2	1/2"	13,9	13,0	33,7	30,0	27,0	BBFN-02 90 SS	M27x1,5/Npt1/2	50	250
Npt 3/4	3/4"	18,9	15,0	39,7	36,0	33,0	BBFN-03 90 SS	M33x1,5/Npt3/4	25	150

FERRULES FOR FITTINGS

FER

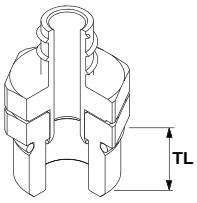
Technical Details	
Material Ferrule	(R) Brass Nickel Plated or (S) Steel Zinc Plated

Technical Information		Codes	Packing Information	
For Sealtite Ø inch	Max. Internal Ø mm		Inner Pack	Box/Min.Qty.
1/4"	5,2	**FER-01**	100	1000
5/16"	8,3	**FER-02**	100	1000
3/8"	10,2	**FES-03**	100	1000
1/2"	13,5	**FES-04**	100	1000
3/4"	18,5	**FES-05**	100	1000
1"	23,5	**FES-06**	50	500
1 1/4"	31,8	**FER-07**	30	300
1 1/2"	36,8	**FER-08**	20	200
2"	47,8	**FER-09**	20	200
2 1/2"	59,1	**FER-10**	10	100

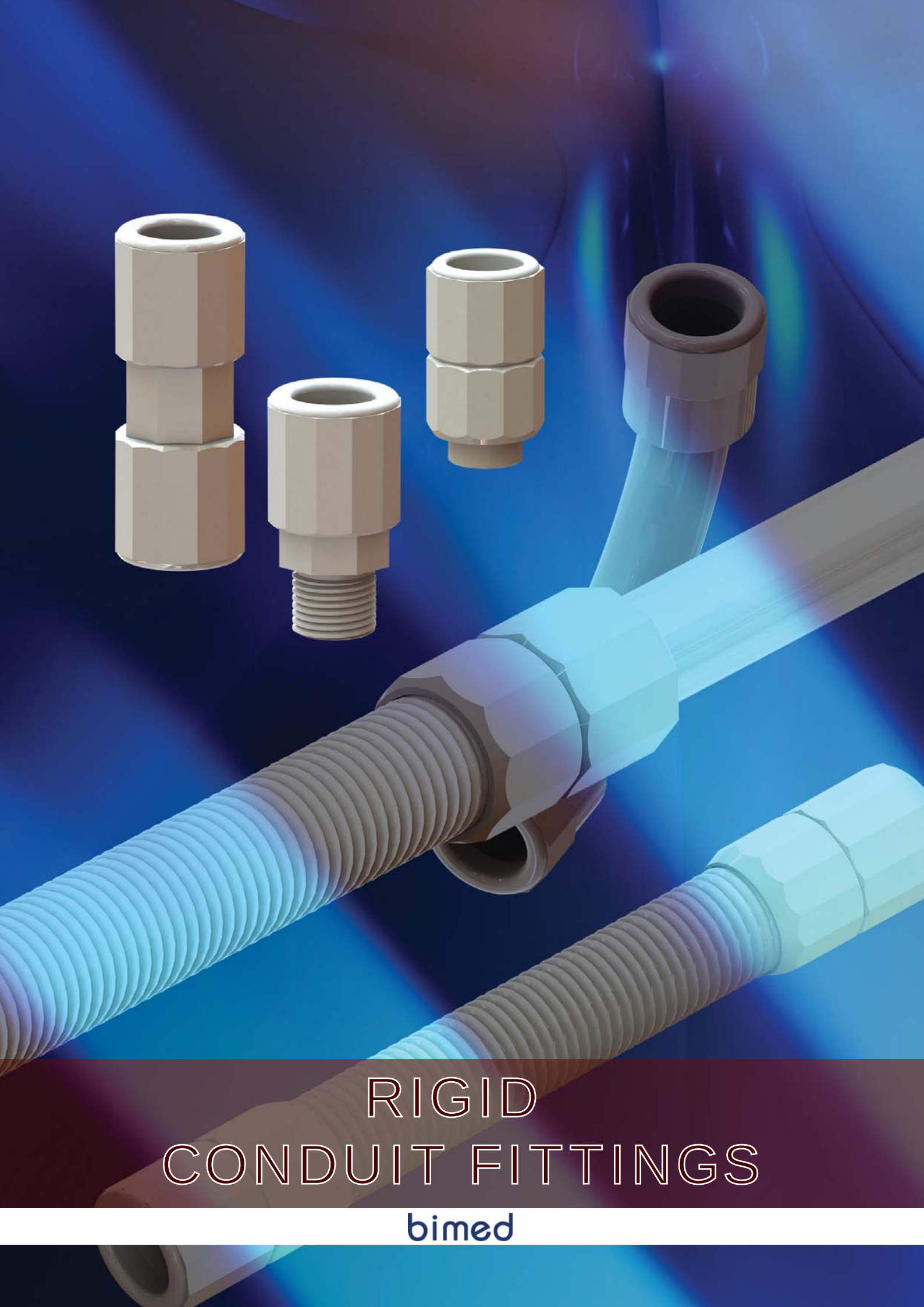
STRAIGHT SWIVEL FITTINGS

BMSSW

Technical Details	
Material Fittings	Brass, Nickel plated or Stainless Steel AISI 303
Attachment Thread	EN 60423



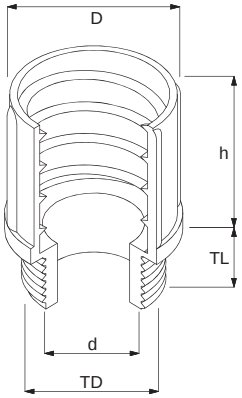
Technical Information			Codes	Packing Information
Thread Type	For Sealtite Ø inch	TL mm		Inner Pack
M12x1,5	1/4"	8	**BMSSW-0S**	500
M16x1,5	1/4"	10	**BMSSW-01**	500



RIGID CONDUIT FITTINGS

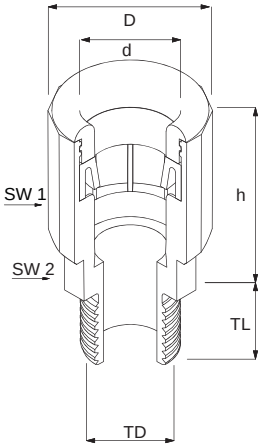
bimed

Technical Details	
Material Fitting	Polyamide 6 Halogene free
Protection Class	IP 54
Colour	Light gray RAL 7035
Operating Temperature	-20°C to +80°C
Benefits	These fittings are produced for spiral flexible PVC conduits. They are commonly used in buildings and machine installations where the path of the conductors are too much complex. The fittings are threaded by one side with standard metric threads and have a special thread, fitted with the conduit spiral on the other side.



Technical Information							Codes	Packing Information	
Fitting Size	Conduit Size	TL mm	TD mm	h mm	D mm	d mm		Inner Pack	Box/Min.Qty.
Metric Thread (Attachment thread : EN 60423)									
M16x1,5	12,0X15,0	8	16	21,3	18,5	10,0	**BCM-01**	50	5.000
M20x1,5	15,0X19,0	8	20	24,5	22,7	15,0	**BCM-02 (Pg11)**	50	3.000
M20x1,5	16,0X21,0	9	20	25,5	24,5	13,0	**BCM-03 (Pg13,5)**	50	2.500
M25x1,5	18,0X22,0	10	25	25,5	26,0	18,0	**BCM-04**	50	2.000
M32x1,5	23,1X28,3	11	32	27,5	32,0	27,0	**BCM-05**	25	1.000
M40x1,5	31,0X36,4	11	40	32,5	41,0	31,8	**BCM-06**	10	600
M50x1,5	40,0X46,2	14	50	39,8	51,9	40,5	**BCM-07**	10	350
M63x1,5	50,5X57,0	14	63	43,0	61,9	51,0	**BCM-08**	10	250
Pg Thread (Attachment thread : DIN 40430)									
Pg 7	10,0X12,8	8	12,40	21,3	16,0	7,0	**BCF-01**	100	6000
Pg 9	12,0X15,0	8	15,00	21,3	18,5	10,0	**BCF-02**	50	5.000
Pg 11	15,0X19,0	8	18,40	24,5	22,5	13,5	**BCF-03**	50	3.000
Pg 13,5	16,0X21,0	9	20,30	25,5	24,5	14,5	**BCF-04**	50	2.500
Pg 16	18,0X22,0	10	22,40	25,5	26,0	16,0	**BCF-05**	25	2.000
Pg 21	23,1X28,3	11	28,15	27,5	32,0	21,5	**BCF-06**	25	1.250
Pg 29	31,0X36,4	11	36,80	32,5	41,0	31,8	**BCF-07**	10	700
Pg 36	40,0X46,2	14	46,80	39,8	52,0	41,0	**BCF-08**	10	360
Pg 48	50,5X57,0	14	59,15	43,0	61,9	51,5	**BCF-09**	10	270

ENCLOSURE COUPLING
BRCF

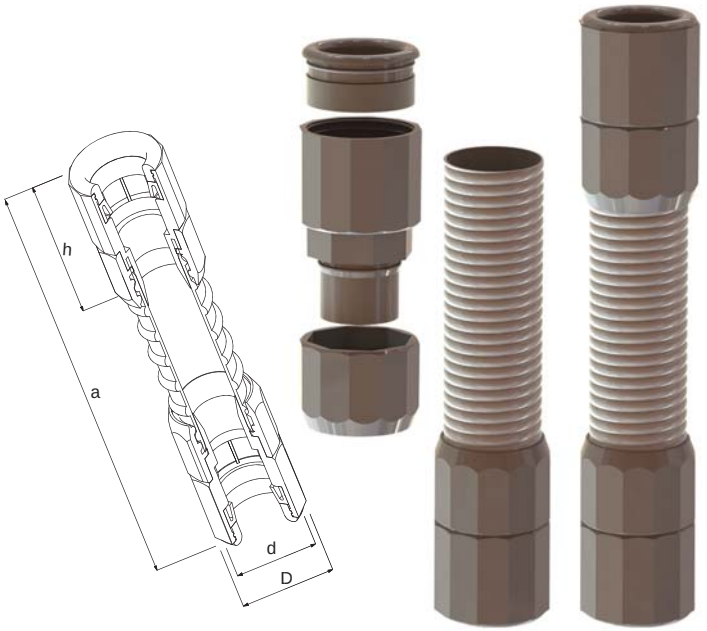


Technical Details		
Material	Fitting	Polyamide 6 Halogene free
	Sealing	TPE VO Halogene free
Protection Class		IP 67
Colour		Light gray RAL 7035
Operating Temperature		-20°C to +80°C
Relevant Standard		EN 50086
Thread Standard		Metric according EN 50262 and EN60423
Benefits		It is a fitting element for the easy and fast connection of the right conduit tubes to the enclosures. This connection may be realised with a lock nut or directly on the threaded wall boxes. The IP protection between the tube and fitting is realised by the special sealing ring inserted into the fitting element.

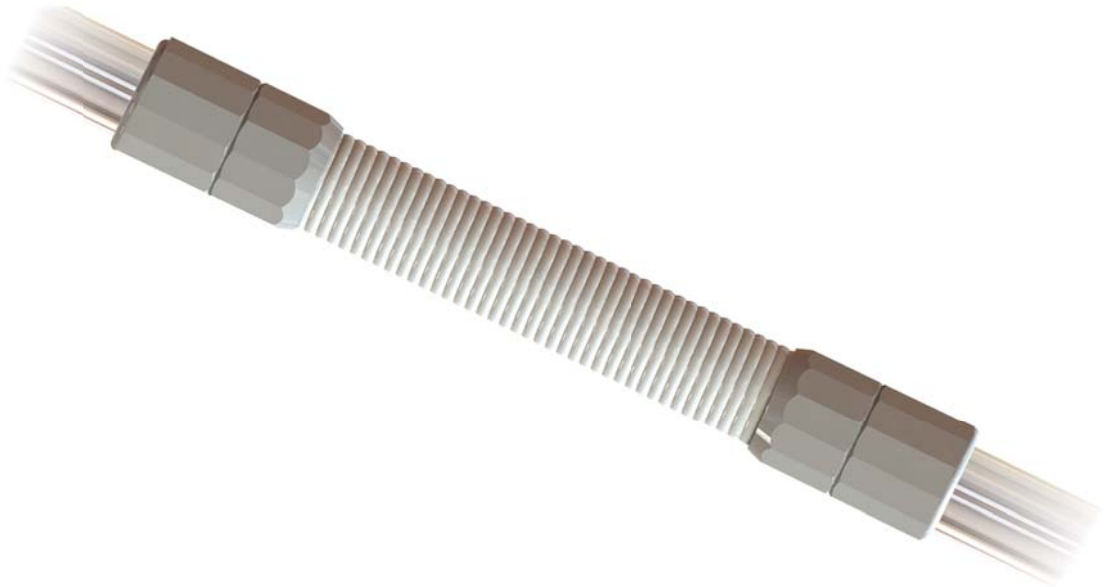
Technical Information									Codes	Packing Information	
Thread Size	SW1 mm	SW2 mm	Conduit Diameter Ø mm	d mm	h mm	TL mm	D mm	TD mm		Inner Pack	Box/Min.Qty.
M16x1,5	26	21	16	16,5	34,7	14	26,3	16	**BRCF-01**	10	1.500
M20x1,5	30	25	20	20,5	34,7	14	31,1	20	**BRCF-02**	10	1.250
M25x1,5	35	30	25	25,1	34,7	14	36,0	25	**BRCF-03**	10	750
M32x1,5	42	37	32	32,6	34,5	14	43,2	32	**BRCF-04**	10	500
M40x1,5	50	45	40	40,4	42,5	19	51,5	40	**BRCF-05**	10	350
M50x1,5	62	55	50	50,7	42,5	19	63,4	50	**BRCF-06**	5	200

BRC90F

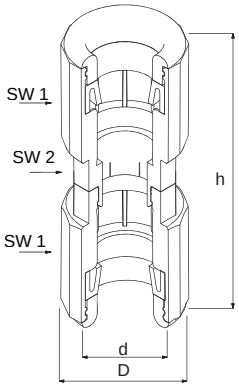
Technical Details		
Material	Fitting	Polyamide 6 Halogene free
	Sealing	TPE VO Halogene free
Protection Class		IP 67
Colour		Light gray RAL 7035
Operating Temperature		-20°C to +80°C
Relevant Standard		EN 50086
Thread Standard		Metric according EN 50262 and EN60423
Benefits		It is the combination of two conduit unions with a suitable flexible conduit. It may be used for all kind of curves in the electrical installation. This set can be easily fitted with the right conduits.



Technical Information							Codes	Packing Information	
Thread Size	SW mm	Conduit Diameter Ø mm	d mm	H mm	a mm	D mm		Inner Pack	Box/Min.Qty.
M16x1,5	26	16	16,5	48,6	210	26	**BRC90F-01**	10	400
M20x1,5	30	20	20,4	48,0	240	31	**BRC90F-02**	10	250
M25x1,5	35	25	25,3	49,0	290	36	**BRC90F-03**	10	160
M32x1,5	42	32	32,2	49,0	400	43	**BRC90F-04**	10	80
M40x1,5	50	40	40,5	61,5	420	52	**BRC90F-05**	10	50
M50x1,5	62	50	50,5	61,5	440	63	**BRC90F-06**	5	30

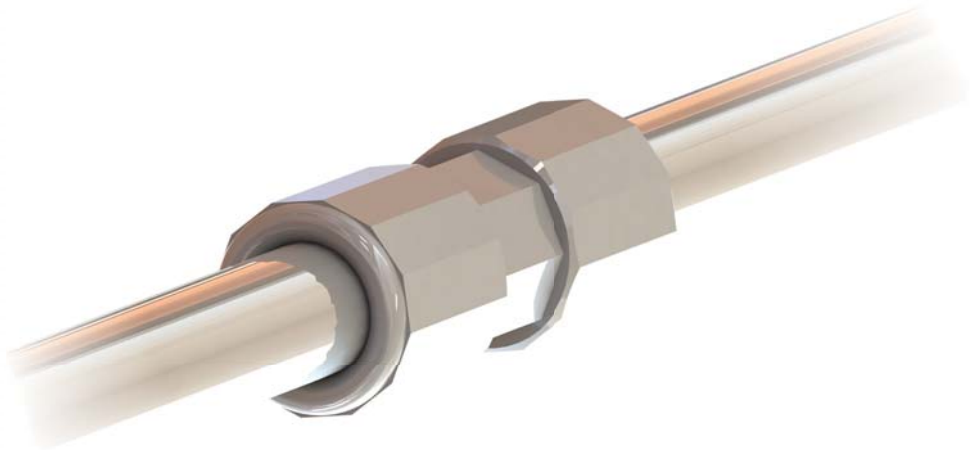


STRAIGHT COUPLING
BRCC

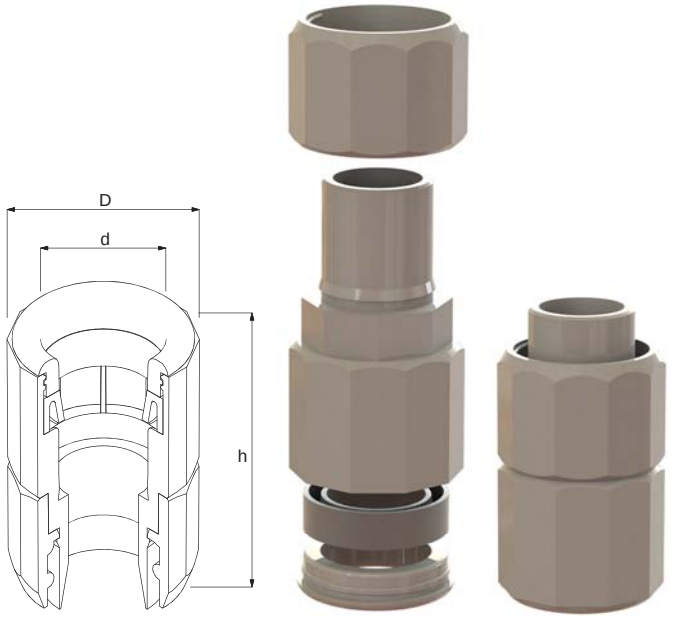


Technical Details		
Material	Fitting	Polyamide 6 Halogene free
	Sealing	TPE VO Halogene free
Protection Class		IP 67
Colour		Light gray RAL 7035
Operating Temperature		-20°C to +80°C
Relevant Standard		EN 50086
Thread Standard		Metric according EN 50262 and EN60423

Technical Information							Codes	Packing Information	
Thread Size	SW1 mm	SW2 mm	Conduit Diameter Ø mm	d mm	h mm	D mm		Inner Pack	Box/Min.Qty.
M16x1,5	26	21	16	16,3	69,5	26,3	**BRCC-01**	10	1.500
M20x1,5	30	25	20	20,3	67,3	31,0	**BRCC-02**	10	1.000
M25x1,5	35	30	25	25,3	69,4	36,0	**BRCC-03**	10	750
M32x1,5	42	37	32	32,2	69,5	43,5	**BRCC-04**	10	500
M40x1,5	50	45	40	40,4	85,0	52,0	**BRCC-05**	10	350
M50x1,5	62	55	50	50,0	85,0	63,3	**BRCC-06**	5	200



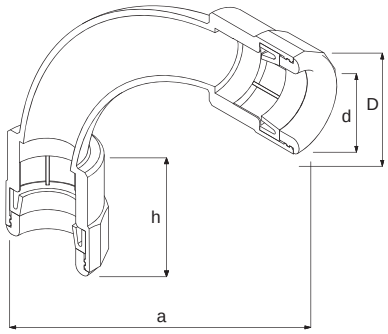
Technical Details		
Material	Fitting	Polyamide 6 Halogene free
	Sealing	TPE VO Halogene free
Protection Class		IP 67
Colour		Light gray RAL 7035
Operating Temperature		-20°C to +80°C
Relevant Standard		EN 50086
Thread Standard		Metric according EN 50262 and EN60423



Technical Information						Codes	Packing Information	
Thread Size	SW1 mm	Conduit Diameter Ø mm	d mm	h mm	D mm		Inner Pack	Box/Min.Qty.
M16x1,5	26	16,5	12,0	49,0	26	**BRCM-01**	10	1.500
M20x1,5	30	20,4	16,0	49,0	31	**BRCM-02**	10	1.000
M25x1,5	35	25,3	20,5	49,0	36	**BRCM-03**	10	750
M32x1,5	42	32,3	26,0	49,0	43	**BRCM-04**	10	500
M40x1,5	50	40,4	33,5	61,5	52	**BRCM-05**	10	350
M50x1,5	62	50,5	44,0	61,5	63	**BRCM-06**	5	200

BEND COUPLING
BRC90R

Technical Details		
Material	Fitting	Polyamide 6 Halogene free
	Sealing	TPE VO Halogene free
Protection Class		IP 67
Colour		Light gray RAL 7035
Operating Temperature		-20°C to +80°C
Relevant Standard		EN 50086
Thread Standard		Metric according EN 50262 and EN60423



Technical Information							Codes	Packing Information	
Thread Size	SW mm	Conduit Diameter Ø mm	d mm	h mm	a mm	D mm		Inner Pack	Box/Min.Qty.
M16x1,5	26	16	16,4	32,8	78	26	BRC90R-01	10	600
M20x1,5	30	20	20,4	32,5	90	31	BRC90R-02	10	400
M25x1,5	35	25	25,4	32,5	107	36	BRC90R-03	10	250
M32x1,5	42	32	32,0	32,8	114	43	BRC90R-04	10	170
M40x1,5	50	40	40,2	32,8	138	52	BRC90R-05	10	90

PRESSURE BALANCE ELEMENTS

bimed

In order to choose the right ventilation plug unit (pressure balance elements) for a specific application, the working principles of the unit must be known first.

Ventilation plugs are permeable to "gases and vapours, e.g. air" but impermeable to "liquids and dust, e.g. water". The permeability resistance to liquids depends on the pore size and structure of the membrane inside these devices.

If the working conditions of water (the most common liquid) are studied, it is possible to say that the water intrusion pressure goes down as air permeability increases. The relevant specifications are collected in tabulated data.

Of the relevant parameters, the "Pressure Balance" function depends on the differantial pressure between the inner and the outer environnements of the enclosure. As a reference pressure, 70 mBar (70mBar = 1 Psi) value is chosen to present data. Under normal conditions, air circulation exists for all differential pressure levels. But the volume flow rate is very low for smaller values and obviously increases with increasing pressure values. Of course the air flow rate also depends on the properties of the membrane (classified as standard, medium, high and ultra high permeability types).

If there is no water pressure danger (if the device is not immersed in the water), it is always better to choose highly permeable elements for good circulation even for low differantial pressure levels.

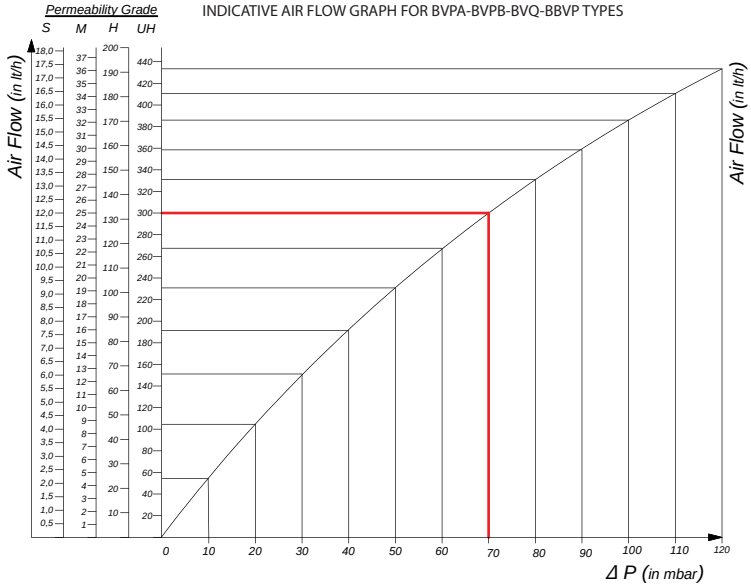
In essence, there is air circulation in the enclosure from the inside to the outside when the device is heating up due to its operation. Similarly, a circulation in reverse direction occurs during the cooling period. It should also be noted that there is always a level of humidity in air, hence some water in the form of vapour is also circulated with air. However condensed water is blocked by the water repellent membrane unless the differential pressure exceeds the intrusion pressure threshold.

After this technical overview, the utility of the "Ventilation Plugs" can be listed as follows;

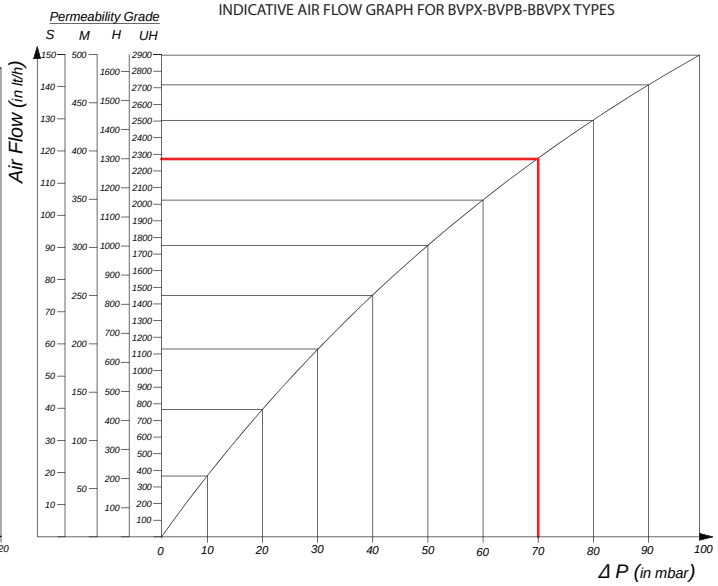
- Prevention of pressure increase inside the enclosure. The pressure sensitive elements are not threatened.
- Limiting of temperature increase by the air circulation. The temperature sensitive elements are not threatened.
- Added flexibility for maintenance. In traditional units, when the enclosures are heated, generaly the dilated air goes out from the seals but can not return back when the device is colder. Because of the vacuum formed inside the enclosure, the gaskets are exposed to large pressure levels. In result, it is very difficult to open the covers for maintenance. Especially in “luminairs” it is obligatory to change the bulbs when the device is cold. The ventilation plugs in our system prevent these kind of limitations.
- Prevention of accidental water suction into the system. During the cooling period, we know that there is air circulation from the outside to the inside. Hence, if the enclosure is wet from rain or due to other reasons, some water may be sucked inside the enclosure if there is no ventilation plug.
- Prevention of exposure to hot, humid, compressed gases. There is always a level of humidity in the enclosure due to atmospheric conditions. Hence when the device is hot, all the components will be exposed to a hot, humid and compressed environment without the ventilation plug.

To conclude, the ventilation plug can reduce and even fully eliminate the adverse effects of humidity in the environment. Water drops on the bottom of the enclosure are normal, but the inherent damage becomes insignificant due to the existence of a ventilation plug.

INDICATIVE AIR FLOW GRAPH FOR BVPA-BVPB-BVQ-BBVP TYPES

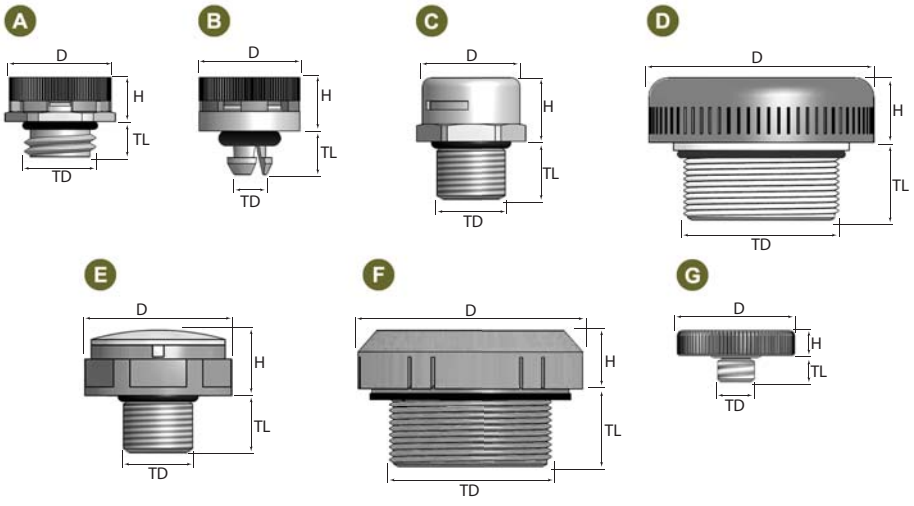


INDICATIVE AIR FLOW GRAPH FOR BVPX-BVPB-BBVPX TYPES



Technical Details		
Material	Housing Material	PA6 - V2 or Stainless Steel
	Membrane Material	Acrylic co-polimer on nylon support
	Membrane Feature	Hydrophpbic - Oleophobic
	O-rings	NBR
Protection Degree		IP 66/67/68*/69K
Air Flow Rates		Refer to the chart
Working Temperatures		-20°C to +80°C
Available Membrane Perm.		S (standard) M (medium) H (high) UH (ultra high)
Remarks		*IP68 is valid where the water intrusion pressure is higher than 0.1 Bars. Please refer to the chart.

Perm. Code	Thread Size	Dimensions (mm)					ΔP = 1 Psi = 70 m Bar Average Air Permeability in lt/hour				Water Intrusion pressure in bar				Plug Type	Rec. Hole Diam. (mm)	Plastic version Codes		
		TD	TL	H	D	SW	S	M	H	UH	S	M	H	UH			RAL 7001	RAL 7035	RAL 9005
According to the choosen air permeability One of the letters (S-M-H-UH) Have to be added before the code number	M12X1,0	12,0	6,6	7,5	17,0	17	16	25	120	300	0,9	0,5	0,2	0,1	A	12,5	BVPA-01	BVPA-11	BVPA-21
	M12X1,5	12,0	6,0	7,5	17,0	17	16	25	120	300	0,9	0,5	0,2	0,1	A	12,5	BVPB-01	BVPB-11	BVPB-21
	M12X1,5	12,0	10,0	7,5	17,0	17	16	25	120	300	0,9	0,5	0,2	0,1	A	12,5	BVPB-01L	BVPB-11L	BVPB-21L
	QUICK FIT	5,5	7,5	9,3	17,0	-	16	25	120	300	0,9	0,5	0,2	0,1	B	6,4	BVQ-M01	BVQ-M11	BVQ-M21
	M12X1,5	12,0	10,0	11,7	23,7	24	42	120	450	750	0,9	0,5	0,2	0,1	E	12,5	BVPD-01	BVPD-11	BVPD-21
	M16X1,5	16,0	10,0	11,7	23,7	24	42	120	450	750	0,9	0,5	0,2	0,1	E	16,5	BVPF-01	BVPF-11	BVPF-21
	M20X1,5	20,0	10,0	11,7	23,7	24	42	120	450	750	0,9	0,5	0,2	0,1	E	20,5	BVPE-01	BVPE-11	BVPE-21
	M40X1,5	40,0	18,0	19,0	59,5	-	120	375	1350	2200	0,9	0,5	0,2	0,1	F	40,5	BVPX-08S	BVPX-18S	BVPX-28S
																	Metalic version Codes		
	M4X0,7	4,0	3,0	2,7	12,3	-	4	7	35	100	0,9	0,5	0,2	0,1	G	4,3	BAVP-01	Aluminium	
	Pg7	12,5	10,5	11,0	17,0	17	16	25	120	300	0,9	0,5	0,2	0,1	C	13,2	BBVP-0S	Stainless Steel	
	M12X1,0	12,0	10,0	11,0	17,0	17	16	25	120	300	0,9	0,5	0,2	0,1	C	12,5	BBVP-01S	Stainless Steel	
	M12X1,5	12,0	6,0	11,0	17,0	17	16	25	120	300	0,9	0,5	0,2	0,1	C	12,5	BBVP-01	Stainless Steel	
	M12X1,5	12,0	10,0	11,0	17,0	17	16	25	120	300	0,9	0,5	0,2	0,1	C	12,5	BBVP-01 L	Stainless Steel	
	M16X1,5	16,0	6,0	12,0	17,0	18	16	25	120	300	0,9	0,5	0,2	0,1	C	16,5	BBVP-02	Stainless Steel	
	M16X1,5	16,0	6,0	16,0	17,0	18	16	25	120	300	0,9	0,5	0,2	0,1	C	16,5	BBVP-02L	Stainless Steel	
	M20X1,5	20,0	6,0	13,0	17,0	22	16	25	120	300	0,9	0,5	0,2	0,1	C	20,5	BBVP-03	Stainless Steel	
	M20X1,5	20,0	6,0	17,0	17,0	22	16	25	120	300	0,9	0,5	0,2	0,1	C	20,5	BBVP-03L	Stainless Steel	
	M40X1,5	40,0	10,0	21,0	58,0	-	120	375	1350	2200	0,9	0,5	0,2	0,1	D	40,5	BBVPX-05	Stainless Steel	



Benefits of Bimed Cable Glands with Integrated Ventilation.

• Advantages of cable gland and pressure balance device combined in one product.

• Heat generated by electrical and electronic components in an enclosure, as well as fluctuating outside temperature, result in pressure differences.A semipermeable membrane inside the device allows air and humidity to leave the enclosure, however, doesn't allow dirt and water to enter from the outside.

• Properties of the membrane stay the same independent of cable diameter and torque.

• These polyamide cable glands have higher strain and torsion relief at lower cap nut tightening torque compared with same size standard cable glands.

• Hights of PA 6 cable glands with integrated ventilation are significantly less and have smaller volumes than same size standard cable glands. Suitable for smaller spaces.

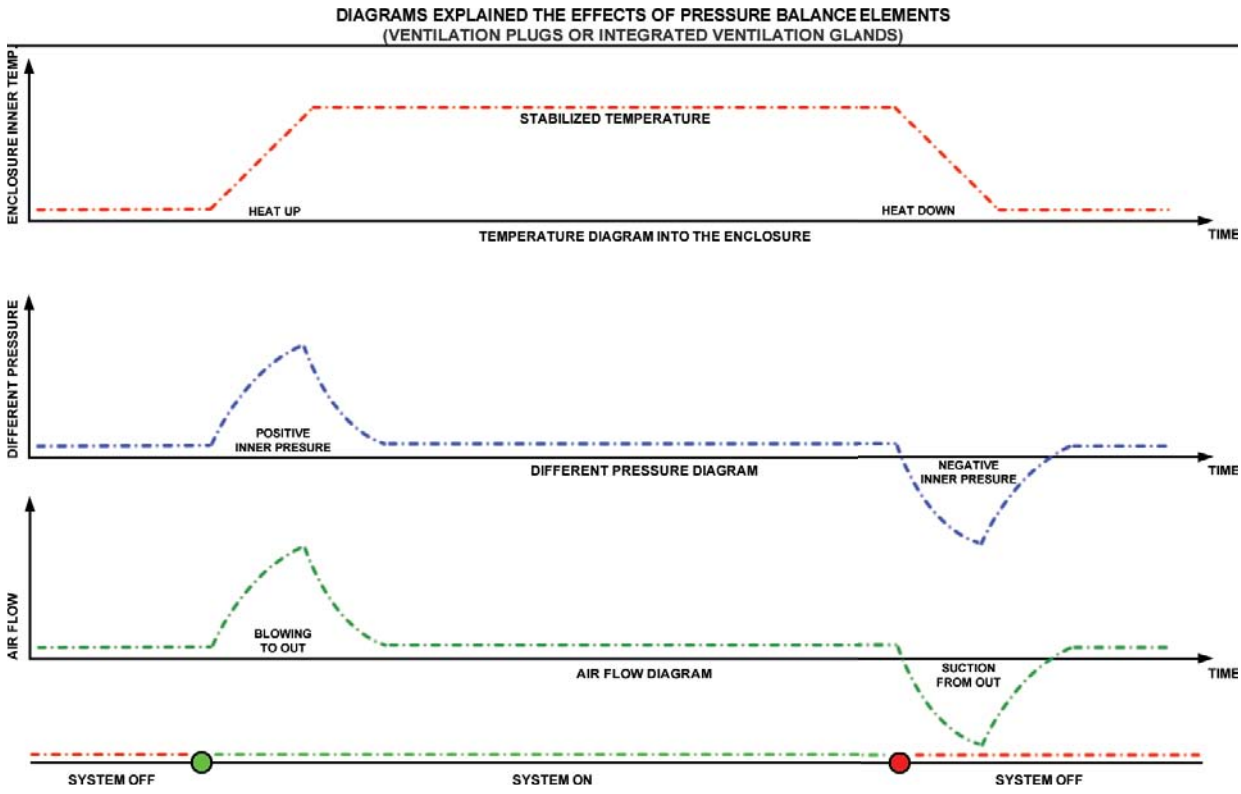
• Comply with EN 50262 and EN 60335.
• IP 66 and IP 67
• Custom specifications are available on request.
• Air permeability of cable glands with integrated ventilation:

As an indicative information.

The change of the air permability in relative with the differential pressure (ΔP) is showed in the following table for Pg 13,5 Brass Ventilation Gland, as an example.

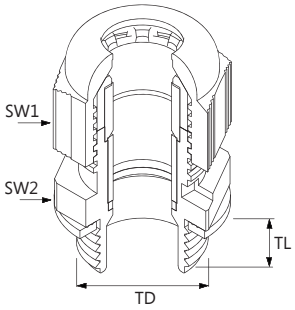
ΔP 50 mbar 30 l/h
ΔP 100 mbar 66 l/h
ΔP 150 mbar 102 l/h
ΔP 200 mbar 138 l/h
ΔP 250 mbar 174 l/h
ΔP 300 mbar 216 l/h

ΔP is the difference between interior/exterior enclosure pressure)



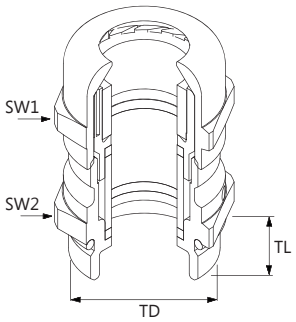
BMVG & BSVG

Technical Details		
Material	Body	Polyamide 6
	Cap	Polyamide 6
	Vent Element	PTFE
	Seal	Chloroprene
	Washer	NBR
Protection Degree		IP 66/67/69K
Working Temperatures	Permanent	-20°C to +80°C
	Intermittent	-30°C up to +150°C
Remarks		Manufactured according to the requirements of EN 50262



Thread Size	Clamping Range mm	TL mm	TD mm	SW1 mm	SW2 mm	Average Air Flow For ΔP = 70 mB	Water Intrusion Pressure	Water Immersion Depth	Codes			Packing Information	
	Min. Ø - Max. Ø					lt/h	bar	m	Ral 7001	Ral 7035	Ral 9005	Inner Pack	Box/Min. Qty.
Metric Thread (Attachment thread : EN 60423)													
M12x1,5	4,0 - 8,0	8,0	12,0	19	19	25	0,1	1,0	**BMVG-0S**	**BMVG-1S**	**BMVG-2S**	100	6000
M16x1,5	4,0 - 8,0	10,0	16,0	19	19	25	0,1	1,0	**BMVG-01**	**BMVG-11**	**BMVG-21**	50	3000
M20x1,5	6,0 - 12,0	10,0	20,0	24	24	40	0,1	1,0	**BMVG-02**	**BMVG-12**	**BMVG-22**	50	1800
Pg Thread (Attachment thread : DIN 40430)													
Pg 9	4,0 - 8,0	8,0	15,1	19	19	25	0,1	1,0	**BSVG-02**	**BSVG-12**	**BSVG-22**	50	3000
Pg 11	4,0 - 8,0	8,0	18,5	22	19	25	0,1	1,0	**BSVG-03**	**BSVG-13**	**BSVG-23**	50	2000
Pg 13,5	6,0 - 12,0	10,0	20,1	24	24	40	0,1	1,0	**BSVG-04**	**BSVG-14**	**BSVG-24**	50	1800

VENTILATION GLANDS (METAL)
BMBCVG & BSBCVG



Technical Details		
Material	Body	Brass Nickel Plated
	Cap	Brass Nickel Plated
	Clamp.Insert	Polyamide 6 V2
	Vent Element	PTFE
	Seal	Chloroprene
	Washer	NBR
Protection Degree		IP 66/67/69K
Working Temperatures	Permanent	-20°C to +80°C
	Intermittent	-30°C up to +150°C
Remarks		Manufactured according to the requirements of EN 50262

Technical Information									Codes	Packing Information	
Thread Size	Clamping Range mm	TL mm	TD mm	SW1 mm	SW2 mm	Average Air Flow For ΔP = 70 mB	Water Intrusion Pressure	Water Immersion Depth		Inner Pack	Box/Min. Qty.
	Min. Ø - Max. Ø					lt/h	bar	m			
Metric Thread (Attachment thread : EN 60423)											
M12x1,5	4,0 - 8,0	6,0	12,0	17	17	25	0,1	1,0	**BMBCVG-0S**	50	2000
M16x1,5	4,0 - 8,0	5,0	16,0	17	17	25	0,1	1,0	**BMBCVG-01**	50	1500
M16x1,5	5,0 - 10,0	8,0	16,0	20	20	35	0,1	1,0	**BMBCVG-01L**	50	1500
M20x1,5	6,0 - 12,0	8,0	20,0	22	22	50	0,1	1,0	**BMBCVG-02**	50	800
Pg Thread (Attachment thread : DIN 40430)											
Pg 7	4,0 - 8,0	8,0	12,4	17	17	25	0,1	1,0	**BSBCVG-01**	50	2000
Pg 9	4,0 - 8,0	6,0	15,2	17	17	25	0,1	1,0	**BSBCVG-02**	50	1500
Pg 11	5,0 - 10,0	8,0	18,5	20	20	35	0,1	1,0	**BSBCVG-03**	50	1000
Pg 13,5	6,0 - 12,0	6,5	20,4	22	22	50	0,1	1,0	**BSBCVG-04**	50	800

Many of the products manufactured by Bimed are designed and manufactured for special applications. These “custom-made” parts can be produced with either modifying our existing injection tools or realising completely new tools. Moreover; on new projects, prototype samples for our customers can also be created together with our engineering department. In this part of overview, we would like to show some of our “customer-oriented” parts. The explained range will give our customers the chance of analysing our abilities and creating solutions to their problems.

Similar to our activities in plastic products, we also develop several custom-made products in brass and stainless steel for our customers. We use existing turning and transfer machines in these products. In addition, die casting process is also used in our production operations. The main aim of this activity is supporting our customers with some customer friendly products which can not be obtained from our competitors due to their lower production capacity and insufficient investment budgets.

CUSTOMER ORIENTED PRODUCTS

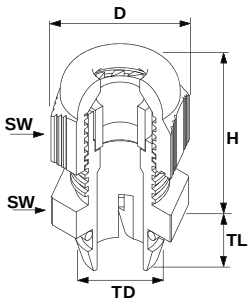
bimed

QUICK FITTING GLANDS
QF

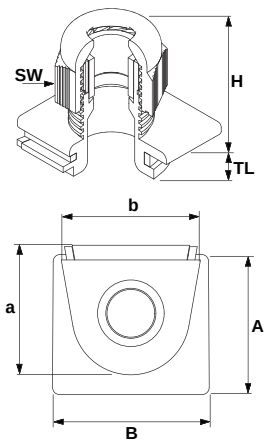
Technical Details		
Material	Body	Polyamide 6
	Cap	Polyamide 6
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Degree		IP 68
Working Temperatures	Permanent	-20°C to +80°C
	Intermittent	-30°C up to +150°C
Attachment Thread		DIN 40430
Remarks		Manufactured according to the requirements of EN 50262

Technical Information													Codes			
Thread/Insert Size TD	Clamping Range mm		h mm	d mm	D mm	A mm	a mm	B mm	b mm	Max H mm	SW1 mm	SW2 mm	Ral 7001	Ral 7035	Ral 9005	Type
	Standard	Reducing Seal														
Pg9	4,0 - 8,0	2,0 - 6,0	4,0	12,0	21,7	-	-	-	-	25,0	19	19	QF-02	QF-12	QF-22	A
Pg16	10,0 - 14,0	7,0 - 12,0	-	-	-	34,2	28,2	34,2	30,4	30,5	27	-	QFV-05	QFV-15	QFV-25	B
Pg21	13,0 - 18,0	9,0 - 16,0	4,5	25,6	37,2	-	18,0	-	2,8	38,0	33	33	QF-06	QF-16	QF-26	C

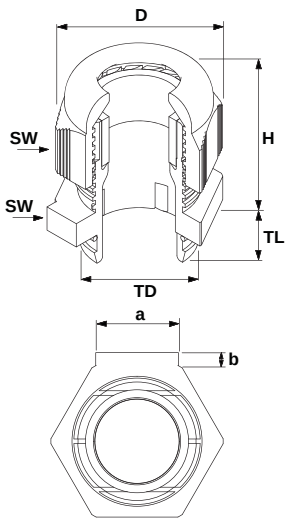
A



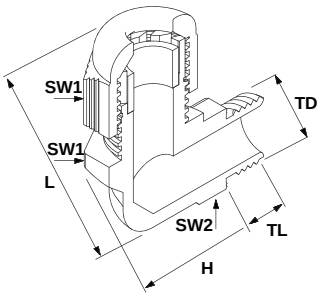
B



C



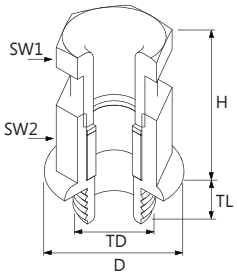
Technical Details		
Material	Body	Polyamide 6
	Cap	Polyamide 6
	Seal	Chloroprene
	O-ring	NBR
Flammability		V2 (According to UL 94)
Protection Degree		IP 68-5 bar
Working Temperatures	Permanent	-20°C to +80°C
	Intermittent	-30°C up to +150°C
Attachment Thread		DIN 40430



Technical Information									Codes	
Thread Size	Clamping Range Ø min-max mm		TD mm	TL mm	Max. H mm	L mm	SW1 mm	SW2 mm	Ral 7001	Ral 7035	Ral 9005
	Standard	Reducing Seal									
Pg7	4,0 - 8,0	3,0 - 6,0	12,40	7,0	28,7	35,7	19	15	**EG-01**	**EG-11**	**EG-21**
Pg9	4,0 - 8,0	3,0 - 6,0	15,20	7,0	28,1	35,1	19	15	**EG-02**	**EG-12**	**EG-22**

DIN TYPE METRIC GLANDS

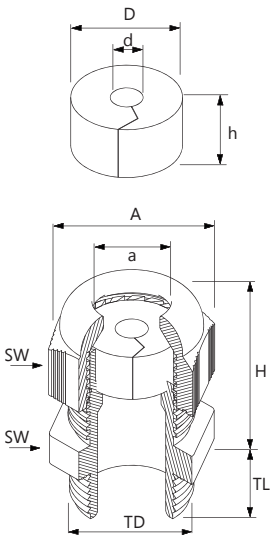
BDM



Technical Details		
Material	Body	Polyamide 6
	Cap	Polyamide 6
	Washer	Polyamide 6
	Seal	Chloroprene
Flammability		V2 (According to UL 94)
Protection Degree		IP 68-5 bar
Working Temperatures	Permanent	-20°C to +100°C
	Intermittent	-30°C up to +150°C
Attachment Thread		EN 60423

Technical Information								Codes		
Thread Size	Clamping Range Ø min-max mm	TD mm	TL mm	D mm	Max. H mm	SW1 mm	SW2 mm	Ral 9005	Ral 9003	Ral 3020
M20x1,5	7,0 - 10,0	20	10	24,7	27	19	19	BDM-22	BDM-42	BDM-52
M20x1,5	10,0 - 13,0	20	10	27,1	30	23	23	BDM-23	BDM-43	BDM-53

Technical Details		
Material	Body	Polyamide 6
	Cap	Polyamide 6
	Seal	Chloroprene
Flammability		V2 (According to UL 94)
Protection Degree		IP 68-5 bar
Working Temperatures	Permanent	-20°C to +100°C
	Intermittent	-30°C up to +150°C
Attachment Thread		Metric - EN 60423 Pg - DIN 40430
Benefits		These cable glands are manufactured with a split rubber seal. The cap and body holes are big enough to accept the RJ45 connector. On the other hand the rubber inner diameter is small enough to provide a good seal, while a split still allows for cable insertion. During the application, the design supports assembly without having to disassemble the RJ 45 connector from the cable. This feature is also supported by the brass or EMC cable glands. For more information please contact Bimed.

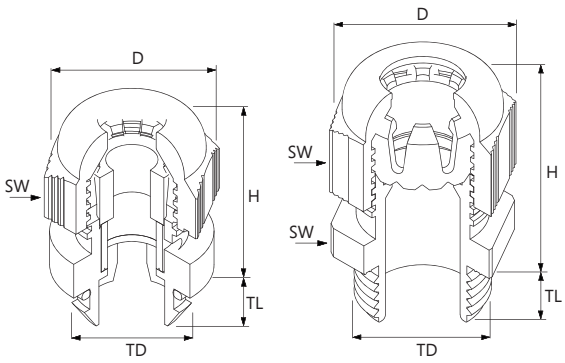


Technical Information										Codes		
Thread Size	TD mm	TL mm	H mm	SW mm	a mm	A mm	d mm	D mm	h mm	Ral 7001	Ral 7035	Ral 9005
M20x1,5	20,0	15,0	31,0	27,0	14,5	31,0	6,0	18,0	9,3	BMRJ-05	BMRJ-15	BMRJ-25
M25x1,5 (EU)	25,0	8,0	30,5	29,0	17,5	32,5	6,0	20,4	9,5	BMRJ-EN-03	BMRJ-EN-13	BMRJ-EN-23
Pg16	23,0	10,0	31,0	27,0	14,5	31,0	6,0	18,0	9,3	BSRJ-05	BSRJ-15	BSRJ-25
Pg21	29,0	11,0	35,0	33,0	18,5	33,0	6,0	22,9	12,2	BSRJ-06	BSRJ-16	BSRJ-26

NDL GLANDS
BSND & BMND

Technical Details		
Material	Body	Polyamide 6
	Cap	Polyamide 6
	Seal	Chloroprene
Flammability		V2 (According to UL 94)
Protection Degree		IP 68-5 bar
Working Temperatures	Permanent	-20°C to +100°C
	Intermittent	-30°C up to +150°C
Attachment Thread		Metric - EN 60423 Pg - DIN 40430
Remarks		Manufactured according to the requirements of EN 50262

Technical Information							Codes	Type
Thread Size	Clamping Range Ø min-max mm	TD mm	TL mm	D mm	Max H mm	SW mm	Ral 9005	
Pg 9	4,0 - 8,0	16,2	6,0	22,0	27,7	19	**BSND-22**	A
Pg 11	5,0 - 10,0	18,6	8,0	25,0	24,0	22	**BSND-23**	A
M16x1,5	4,0 - 8,0	16,0	10,0	21,5	21,5	19	**BMND-21 (S)**	A
M16x1,5	5,0 - 10,0	16,0	10,0	25,0	24,0	22	**BMND-21**	A
Pg 9	4,0 - 8,0	11,2	8,0	22,0	29,7	19	**BSND-22 (QF)**	B
Pg 11	5,0 - 10,0	18,6	3,0	25,0	22,0	22	**BSND-23 (QF)**	B



TYPE -A- TYPE -B-

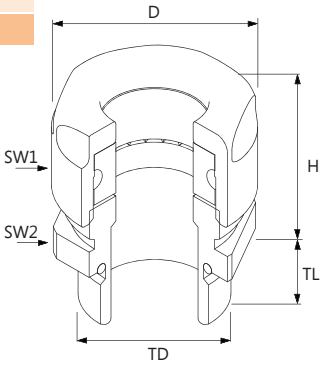
The NDL (New Design Lamelling) cable glands are developed according the demands of our clients. The goal of this work is to meet requirements for specialized applications.

The advantages and leak points of the NDL plastic cable glands in comparison with the standard ones can be listed as follows:

- The volume of the gland is relatively small . The total height on the enclosure is considerably shorter than average.
- Higher strain and torsion reliefs are obtained with lower cap tightening torque levels. The required tightening.
- The gland performance meets the EN-60335 standards in addition to the EN-50262 requirements.
- The tightening fingers may cause some prints on the cable outer sheath if the cap is overtight.But there is not any caused damage.
- The protection degree is IP 55 for standard seals, IP 67 for reduced seals.

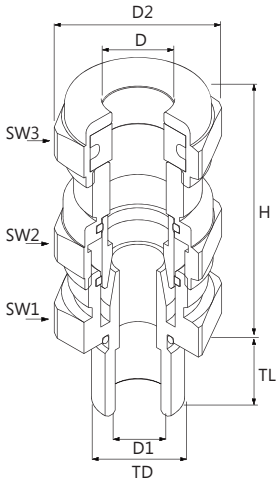
The recommended application area is for small, flat and limited space devices.

Technical Details		
Material	Cap	Brass, Nickel Plated or Black Cr. Plated
	Body	Brass, Nickel Plated or Black Cr. Plated
	Seal	Choloroprene or Silicone Rubber
	O-ring	NBR or Silicone Rubber
Number of Seals		Single Seal for full clamping range
Protection class		IP 68 - 5 Bar
Working Temperature		-40°C to + 120°C
Attachment Thread		Metric - EN 60423



Technical Information											
Type	Clamping Range Ø min-max mm	Material	TD mm	TL mm	SW1 mm	SW2 mm	Max. H mm	Max. D mm	Cap Tightening Torque	Total weight gr	Code
M16X1,5	4,0 - 11,0	Brass	16	8	21	21	29,7	23,3	8	34	BMNGB-01
		Black Chromate									BMNGC-01
M20X1,5	5,0 - 13,0	Brass	20	9	24	24	32,0	26,8	10	58	BMNGB-02
		Black Chromate									BMNGC-02
M25X1,5S	6,5 - 15,5	Brass	25	10	28	28	36,0	30,8	12	88	BMNGB-03S
		Black Chromate									BMNGC-03S
M25X1,5L	10,0 - 20,0	Brass	25	10	30	30	44,5	33,5	15	105	BMNGB-03L
		Black Chromate									BMNGC-03L

INDUSTRIAL GLAND
KBE

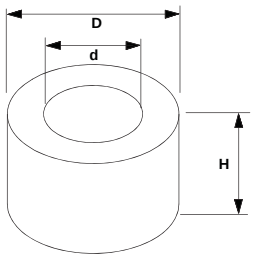


Technical Details		
Material	Cap	Brass, Nickel Plated
	Body	Brass, Nickel Plated
	Seal	Nbr, Choloroprene or Silicone Rubber
	O-ring	Nbr, Choloroprene or Silicone Rubber
	Swivel Braid Ring	Brass, Nickel Plated
Cable Type		Steel wire armor
Protection class		IP66 – IP67 5 Bar
Working Temperature	Nbr	-30°C / +120°C
	Chloroprene	-40°C / +100°C
	Silicone	-60°C / +180°C
Attachment Thread		Metric - EN 60423 Other thread types also available upon request.

Thread Type (TD)	Clamping Range Ø mm	Cable Gland Dimensions							Armor Wire Diameter (mm)	Code
	D Min-Max	H min (mm)	TL min (mm)	SW1 (mm)	SW2 (mm)	SW3 (mm)	D2 Min (mm)	D1 Max (mm)		
M16x1.5	6,0-12,0	47	16	26	26	26	29	9,0	0,2-1,5	**KBE01SM**
M16x1.5	8,5-16,0	45	16	26	26	26	31,5	12,3	0,2-1,6	**KBE01M**
M20x1.5	6,0-12,0	47	16	26	26	26	29	9,0	0,2-1,5	**KBE1SM**
M20x1.5	8,5-16,0	45	16	29	29	29	31,5	12,5	0,3-1,6	**KBE1M**
M20x1.5	16,0-20,0	49	16	28	32	32	35	15	0,3-1,7	**KBE1LM**
M20x1.5	8,5-16,0	45	16	29	29	29	31,5	12,5	0,3-1,6	**KBE2SM**
M25x1.5	16,0-21,0	51	18	32	34	34	37	16,5	0,4-1,7	**KBE2M**
M25x1.5	16,0-26,0	55	18	36	40	40	44	20,5	0,5-1,7	**KBE2LM**
M32x1.5	16,0-26,0	55	18	36	40	40	44	20,5	0,5-1,7	**KBE3SM**
M32x1.5	20,0-33,0	66	18	48	52	52	57	26,5	0,5-1,9	**KBE3M**
M40x1.5	20,0-33,0	66	18	48	52	52	57	26,5	0,5-1,9	**KBE4SM**
M40x1.5	29,0-41,0	70	18	55	60	60	66	32,5	0,5-2,3	**KBE4M**
M50x1.5	33,0-48,0	84,5	18	60	70	75	82	35,5	0,6-2,6	**KBE5SM**
M50x1.5	36,0-52,0	88	18	70	70	74	83	41,5	0,6-2,9	**KBE5M**
M63x1.5	43,0-57,0	90,5	20	75	80	80	89,5	45,5	0,6-3,5	**KBE6SM**
M63x1.5	47,0-60,0	92,5	20	85	85	85	94	52,5	0,6-3,5	**KBE6M**
M75x1.5	47,0-60,0	93,5	20	85	85	85	94	52,5	0,6-3,5	**KBE7SM**
M75x1.5	54,0-70,0	100	20	90	95	100	110,5	60,5	0,7-3,6	**KBE7M**

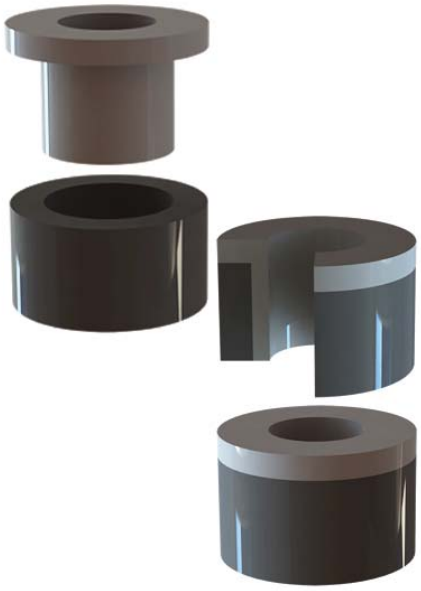
Technical Details			
Material	**Seal**	Silicone, Nbr, Chloroprene , Epdm.	
Chloroprene (C)	**Silicone (S)**	**Nbr (N)**	**Epdm (E)**
Black (B)	Red (R) Transparent (T)	Black (B)	Black (B)
Order Encoding			
Type	**Size**	**Seal**	**Color**
MS	M16	Silicone	Red
MS-01SR			

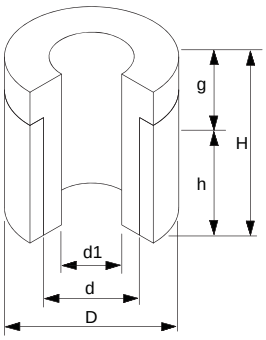
A mechanical seal is a device that helps join systems or mechanisms together by preventing leakage, containing pressure, or excluding contamination. The effectiveness of a seal is dependent on adhesion in the case of sealants and compression in the case of gaskets



Cable Gland Size				Code	Technical Information			
					For Bimed Glands Clamping Range Ø min-max mm	D mm	d mm	H mm
PG 7	M12x1,5	NPT 1/4"	G 1/4"	**MS-0S**	2,0 - 5,0	8,6	5,2	7,1
PG 9	M16x1,5 (EU)	-	-	**MS-01**	2,0 - 6,0	10,9	6,3	7,0
PG 11	M16x1,5	NPT 3/8"	G 3/8"	**MS-01L**	3,0 - 7,0	13,7	7,3	10,1
PG 13,5	M20x1,5	NPT 1/2"	G 1/2"	**MS-02**	5,0 - 9,0	16,0	9,4	8,4
PG 16	M20x1,5	NPT 1/2"	G 1/2"	**MS-02L**	7,0 - 12,0	18,0	12,4	9,3
PG 21	M25x1,5	NPT 3/4"	G 3/4"	**MS-03**	9,0 - 16,0	22,9	16,4	12,2
-	M25x1,5 (EU)	-	-	**MS-03L**	9,0 - 13,0	20,4	13,5	10,7
PG 29	M32x1,5	NPT 1"	G 1"	**MS-04**	12,0 - 20,0	30,4	20,5	14,0
-	M32x1,5 (EU)	-	-	**MS-04L**	11,0 - 15,0	25,4	15,5	14,2
PG 36	M40x1,5	NPT 1 1/4"	G 1 1/4"	**MS-05**	20,0 - 26,0	40,0	26,5	16,8
PG 42	M40x1,5 (EU)	-	-	**MS-05L**	16,0 - 23,0	33,4	23,5	17,0
-	M50x1,5	NPT 1 1/2"	G 1 1/2"	**MS-06**	25,0 - 31,0	45,0	31,5	16,5
PG 48	M63x1,5	NPT 2"	G 2"	**MS-07**	29,0 - 35,0	51,0	35,5	16,5

REDUCING SEALS (DOUBLE)
MDS





Technical Details			
Material	**Seal**	Silicone, Nbr, Chloroprene , Epdm.	
Chloroprene (C)	**Silicone (S)**	**Nbr (N)**	**Epdm (E)**
Black (B)	Red (R) Transparent (T)	Black (B)	Black (B)

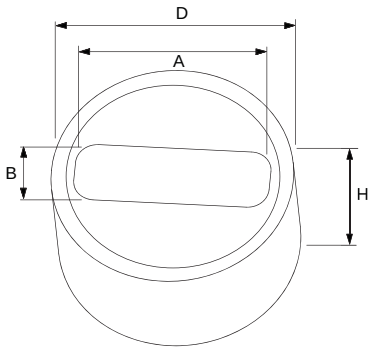
Order Encoding			
Type	**Size**	**Seal**	**Color**
MDS	M16	Silicone	Red
MDS-01SR			

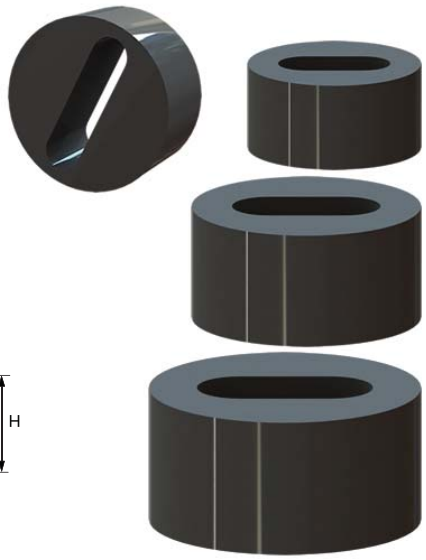
A mechanical seal is a device that helps join systems or mechanisms together by preventing leakage, containing pressure, or excluding contamination. The effectiveness of a seal is dependent on adhesion in the case of sealants and compression in the case of gaskets

Cable Gland Size				Code	Technical Information						
					D mm	d mm	d1 mm	For Bimed Glands Clamping Range Ø min-max mm	h mm	g mm	H mm
PG 7	M12x1,5	NPT 1/4"	G 1/4"	MDS-0S	8,6	6,7	4,2	3,0-6,5	7,1	2,0	9,1
PG 9	M16x1,5 (EU)	-	-	MDS-01	10,7	8,3	5,2	4,0-8,0	7,5	2,0	9,5
PG 11	M16x1,5	NPT 3/8"	G 3/8"	MDS-01L	13,7	10,4	7,2	5,0-10,0	10,1	2,0	12,1
PG 13,5	M20x1,5	NPT 1/2"	G 1/2"	MDS-02	16,0	12,4	8,7	6,0-12,0	8,2	2,0	10,2
PG 16	M20x1,5	NPT 1/2"	G 1/2"	MDS-02L	18,0	14,2	11,3	10,0-14,0	9,3	2,0	11,3
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MDS-03	22,9	18,4	14,2	13,0-18,0	12,2	2,5	14,7
-	M25x1,5 (EU)	-	-	MDS-03L	20,4	17,4	13,2	11,0-17,0	10,7	2,5	13,2
PG 29	M32x1,5	NPT 1"	G 1"	MDS-04	30,5	25,6	20,5	18,0-25,0	14,0	2,5	16,5
-	M32x1,5 (EU)	-	-	MDS-04L	25,2	21,4	16,3	15,0-21,0	14,2	2,5	16,7
PG 36	M40x1,5	NPT 1 1/4"	G 1 1/4"	MDS-05	40,0	32,7	26,5	22,0-32,0	17,0	2,5	19,5
-	M40x1,5 (EU)	-	-	MDS-05L	33,2	28,4	21,3	19,0-28,0	17,0	2,5	19,5
PG 42	M50x1,5	NPT 1 1/2"	G 1 1/2"	MDS-06	46,0	39,0	31,4	30,0-38,0	17,2	3,0	20,2
PG 48	M63x1,5	NPT 2"	G 2"	MDS-07	51,0	45,0	35,4	34,0-44,0	18,5	3,0	21,5

Technical Details			
Material	**Seal**	Silicone, Nbr, Chloroprene , Epdm.	
Chloroprene (C)	**Silicone (S)**	**Nbr (N)**	**Epdm (E)**
Black (B)	Red (R) Transparent (T)	Black (B)	Black (B)
Order Encoding			
Type	**Size**	**Seal**	**Color**
MFS	M32	Silicone	Red
MFS-04SR			

A mechanical seal is a device that helps join systems or mechanisms together by preventing leakage, containing pressure, or excluding contamination. The effectiveness of a seal is dependent on adhesion in the case of sealants and compression in the case of gaskets



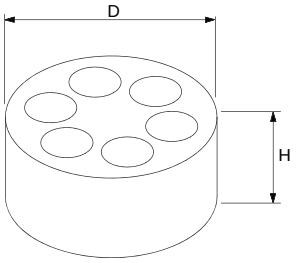


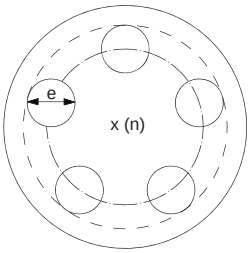
Cable Gland Size				Code	Technical Information			
					D mm	H mm	A mm	B mm
PG 21	M25x1,5	NPT 3/4"	G 3/4"	**MFS-03**	22,9	12,2	19,0	5,8
PG 29	M32x1,5	NPT 1"	G 1"	**MFS-04**	30,4	14,0	19,0	5,8
PG 29	M32x1,5	NPT 1"	G 1"	**MFS-04L**	30,4	14,0	22,0	7,8
PG 36	M40x1,5	NPT 1 1/4"	G 1 1/4"	**MFS-05**	40,0	16,8	31,0	11,0
PG 36	M40x1,5	NPT 1 1/4"	G 1 1/4"	**MFS-05L**	40,0	16,8	31,0	5,5
PG 48	M63x1,5	NPT 2"	G 2"	**MFS-06**	51,0	18,5	43,0	5,5
PG 48	M63x1,5	NPT 2"	G 2"	**MFS-06M**	51,0	18,5	43,0	11,0
PG 48	M63x1,5	NPT 2"	G 2"	**MFS-06L**	51,0	18,5	43,0	15,5

MULTIHOLE SEALS
MMS

Technical Details			
Material	**Seal**	Silicone, Nbr, Chloroprene , Epdm.	
Chloroprene (C)	**Silicone (S)**	**Nbr (N)**	**Epdm (E)**
Black (B)	Red (R) Transparent (T)	Black (B)	Black (B)
Order Encoding			
Type	**Size**	**Seal**	**Color**
MMS	M16	Silicone	Red
MMS-01SR			

A mechanical seal is a device that helps join systems or mechanisms together by preventing leakage, containing pressure, or excluding contamination. The effectiveness of a seal is dependent on adhesion in the case of sealants and compression in the case of gaskets

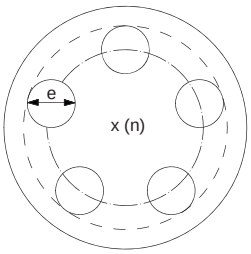


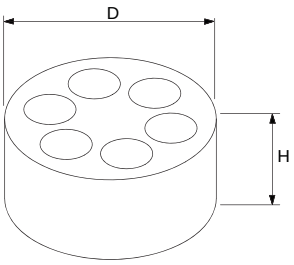


Cable Gland Type				Code	Technical Information			
					D mm	n	e mm	H mm
PG 9	M16x1,5 (EU)	-	-	MMS-011	10,9	2	4,0	7,0
PG 9	M16x1,5 (EU)	-	-	MMS-012	10,9	2	3,0	7,0
PG 9	M16x1,5 (EU)	-	-	MMS-013	10,9	4	3,0	7,0
PG 11	M16x1,5	NPT 3/8"	G 3/8"	MMS-014	13,7	2	4,0	10,1
PG 11	M16x1,5	NPT 3/8"	G 3/8"	MMS-015	13,7	2	4,5	10,1
PG 11	M16x1,5	NPT 3/8"	G 3/8"	MMS-016	13,7	2	2,0	10,1
PG 11	M16x1,5	NPT 3/8"	G 3/8"	MMS-017	13,7	2	3,0	10,1
PG 11	M16x1,5	NPT 3/8"	G 3/8"	MMS-018	13,7	2	5,0	10,1
PG 11	M16x1,5	NPT 3/8"	G 3/8"	MMS-019	13,7	3	4,0	10,1
PG 13,5	M20x1,5	NPT 1/2"	G 1/2"	MMS-021	16,0	2	6,0	8,4
PG 13,5	M20x1,5	NPT 1/2"	G 1/2"	MMS-022	16,0	3	4,0	8,1
PG 13,5	M20x1,5	NPT 1/2"	G 1/2"	MMS-023	16,0	3	5,0	8,1
PG 13,5	M20x1,5	NPT 1/2"	G 1/2"	MMS-024	16,0	4	3,0	8,4
PG 13,5	M20x1,5	NPT 1/2"	G 1/2"	MMS-025	16,0	2	5,0	8,4
PG 13,5	M20x1,5	NPT 1/2"	G 1/2"	MMS-026	16,0	4	4,0	8,4
PG 16	M20x1,5	NPT 1/2"	G 1/2"	MMS-027	18,0	2	6,0	9,3
PG 16	M20x1,5	NPT 1/2"	G 1/2"	MMS-028	18,0	2	7,0	9,3
PG 16	M20x1,5	NPT 1/2"	G 1/2"	MMS-029	18,0	3	4,0	9,3
PG 16	M20x1,5	NPT 1/2"	G 1/2"	MMS-02A	18,0	2	4,0	9,3
PG 16	M20x1,5	NPT 1/2"	G 1/2"	MMS-02B	18,0	4	5,0	9,3
PG 16	M20x1,5	NPT 1/2"	G 1/2"	MMS-02C	18,0	3	6,0	9,3
PG 16	M20x1,5	NPT 1/2"	G 1/2"	MMS-02D	18,0	3	6,0	9,3
PG 16	M20x1,5	NPT 1/2"	G 1/2"	MMS-02E	18,0	5	4,0	9,3
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-031	22,9	2	6,0	12,2
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-032	22,9	2	6,6	12,2
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-033	22,9	2	7,0	12,2
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-034	22,9	2	8,0	12,2
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-035	22,9	2	9,0	12,2
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-036	22,9	3	6,6	12,2
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-037	22,9	3	8,0	12,2
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-038	22,9	4	6,0	12,2
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-039	22,9	4	6,6	12,2
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-03A	22,9	4	7,0	12,2
PG 21	M25x1,5	NPT 3/4"	G 3/4"	MMS-03B	22,9	8	1,5	12,2
-	M25x1,5 (EU)	-	-	MMS-03C	20,4	2	6,0	10,7
-	M25x1,5 (EU)	-	-	MMS-03D	20,4	3	6,0	10,7

Technical Details			
Material	**Seal**	Silicone, Nbr, Chloroprene , Epdm.	
Chloroprene (C)	**Silicone (S)**	**Nbr (N)**	**Epdm (E)**
Black (B)	Red (R) Transparent (T)	Black (B)	Black (B)
Order Encoding			
Type	**Size**	**Seal**	**Color**
MMS	M16	Silicone	Red
MMS-01SR			

A mechanical seal is a device that helps join systems or mechanisms together by preventing leakage, containing pressure, or excluding contamination. The effectiveness of a seal is dependent on adhesion in the case of sealants and compression in the case of gaskets

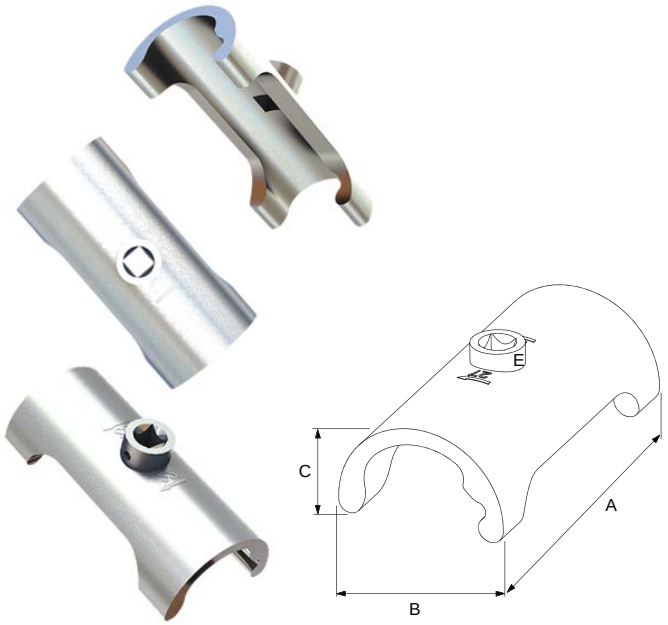




Cable Gland Type				Code	Technical Information			
					D mm	n	e mm	H mm
-	M25x1,5 (EU)	-	-	MMS-03E	20,4	3	5,0	10,7
-	M25x1,5 (EU)	-	-	MMS-03F	20,4	3	7,0	10,7
-	M25x1,5 (EU)	-	-	MMS-03G	20,4	4	5,0	10,7
-	M25x1,5 (EU)	-	-	MMS-03H	20,4	5	4,0	10,7
-	M25x1,5 (EU)	-	-	MMS-03I	20,4	6	4,0	10,7
-	M25x1,5 (EU)	-	-	MMS-03J	20,4	7	3,0	10,7
PG 29	M32x1,5	NPT 1"	G 1"	MMS-041	30,4	2	8,0	14,0
PG 29	M32x1,5	NPT 1"	G 1"	MMS-042	30,4	2	9,0	14,0
PG 29	M32x1,5	NPT 1"	G 1"	MMS-043	30,4	3	7,5	14,0
PG 29	M32x1,5	NPT 1"	G 1"	MMS-044	30,4	3	8,0	14,0
PG 29	M32x1,5	NPT 1"	G 1"	MMS-045	30,4	4	8,0	14,0
PG 29	M32x1,5	NPT 1"	G 1"	MMS-046	30,4	5	8,5	14,0
PG 29	M32x1,5	NPT 1"	G 1"	MMS-047	30,4	6	6,0	14,0
PG 29	M32x1,5	NPT 1"	G 1"	MMS-048	30,4	6	7,5	14,0
PG 29	M32x1,5	NPT 1"	G 1"	MMS-049	30,4	6	5,0	14,0
-	M32x1,5 (EU)	-	-	MMS-04A	25,4	2	8,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04B	25,4	3	8,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04C	25,4	2	7,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04D	25,4	2	9,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04E	25,4	4	8,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04F	25,4	5	6,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04H	25,4	4	6,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04I	25,4	4	7,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04J	25,4	6	5,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04K	25,4	6	6,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04L	25,4	9	3,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04M	25,4	8	4,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04N	25,4	8	5,0	14,2
-	M32x1,5 (EU)	-	-	MMS-04O	25,4	9	4,0	14,2
-	M40x1,5 (EU)	-	-	MMS-051	33,4	2	10,0	17,0
-	M40x1,5 (EU)	-	-	MMS-052	33,4	3	10,0	17,0
-	M40x1,5 (EU)	-	-	MMS-053	33,4	4	8,0	17,0
-	M40x1,5 (EU)	-	-	MMS-054	33,4	5	8,0	17,0
-	M40x1,5 (EU)	-	-	MMS-055	33,4	5	9,0	17,0
-	M40x1,5 (EU)	-	-	MMS-056	33,4	6	7,0	17,0
-	M40x1,5 (EU)	-	-	MMS-057	33,4	8	6,0	17,0
-	M40x1,5 (EU)	-	-	MMS-058	33,4	9	7,0	17,0

GLAND WRENCH TOOL

BGW



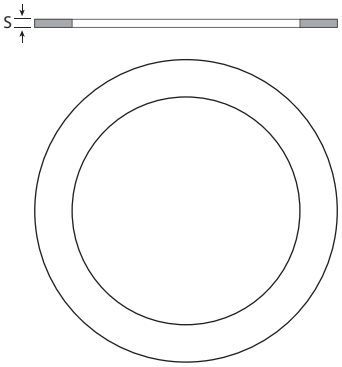
Technical Details	
Material Wrench	Brass, Nickel plated
Benefits	High-density installations.
	Lower installation time.
	Reduced tooling costs.
	Standard for all sizes.
Features	Unique slim socket design.
	Easy to use self-ratchet design.
	One socket
	Drive bar drive 1/4" (6,4 mm)
	Tightens and releases glands
	Fits one size

This unique- patent pending- wrench can be used even in the applications with a high density of glands side by side.The wrench is self ratcheting so you can lock or unlock the glands very easily.The tool fits to a standard handle bar and one handle bar could be used for all our wrench tools.

Codes	Technical Information				
	Type	A mm	B mm	C mm	E mm
BGW 17	SW 17	54	25,6	20,5	6,5
BGW 20	SW 20	66	31,0	24,2	6,5
BGW 22	SW 22	68	32,8	25,1	6,5
BGW 24	SW 24	72	35,8	25,8	6,5
BGW 27	SW 27	80	41,0	28,6	6,5
BGW 29	SW 29	85	45,1	31,5	6,5
BGW 30	SW 30	86	46,5	33,2	6,5
BGW 34	SW 34	86	50,2	35,9	6,5
BGW 36	SW 36	86	54,6	37,8	6,5

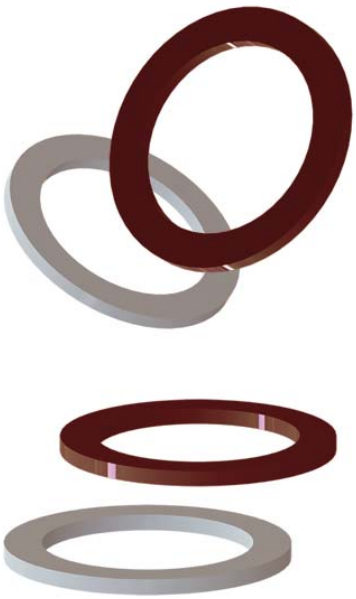
Technical Details			
Material	**Gasket**	Silicone, Nbr, Chloroprene	
Chloroprene (C)	**Silicone (S)**	**Nbr (N)**	
Black (B)	Red (R) Transparent (T)	Black (B)	

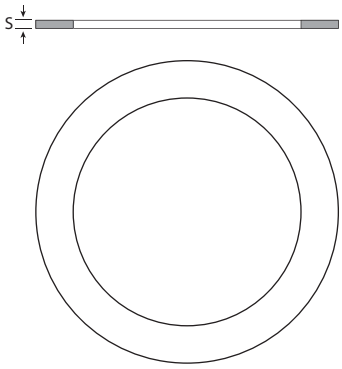
Order Encoding			
Type	**Size**	**Seal**	**Color**
BMSW	M32	Silicone	Red
BMSW-05SR			



Size	Technical Information S mm	Code
M12	1,5	**BMSW-21**
M16	1,5	**BMSW-22**
M20	1,5	**BMSW-23**
M25	1,5	**BMSW-24**
M32	1,5	**BMSW-25**
M40	1,5	**BMSW-26**
M50	1,5	**BMSW-27**
M63	1,5	**BMSW-28**
M75	1,5	**BMSW-29**
M90	1,5	**BMSW-30**
M110	1,5	**BMSW-31**

WASHER
BMSW

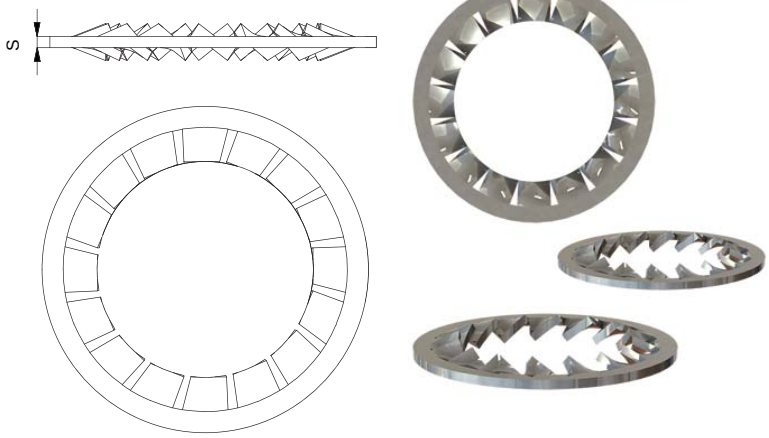




Technical Details			
Material	**Washers**	Polyamide 6 (PA), Fibre (FB)	
Polyamide 6 (PA)	**Fibre (FB)**		
White (B)	Red (R)		
Order Encoding			
Type	**Size**	**Seal**	**Color**
BMSW	M32	Fibre	Red
BMSW-FB5			

Size	Technical Information	Code	
	S mm	Polyamide 6	Fiber
M20	1,5	BMSW-PA3	BMSW-FB3
M25	1,5	BMSW-PA4	BMSW-FB4
M32	1,5	BMSW-PA5	BMSW-FB5
M40	1,5	BMSW-PA6	BMSW-FB6
M50	1,5	BMSW-PA7	BMSW-FB7
M63	1,5	BMSW-PA8	BMSW-FB8
M75	1,5	BMSW-PA9	BMSW-FB9
M90	1,5	BMSW-PA10	BMSW-FB10

Technical Details		
Material	**Washers**	Stainless Steel, Brass Nickel Plated
Stainless Steel	**Brass Nickel Plated**	
X	BN	
Order Encoding		
Type	**Size**	**Material**
BMTW	Npt 1/2"	Stainless Steel
	M20	Brass Nickel Plated
BMTW-03X - BMTW-03BN		

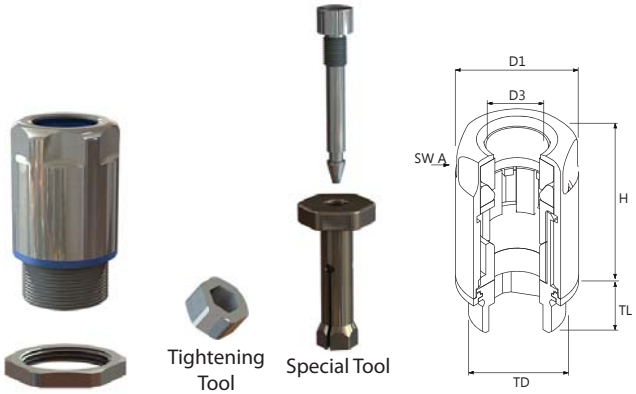


Size		Technical Information S mm	Code
M20	NPT1/2"	1,4	**BMTW-03**
M25	NPT3/4"	1,4	**BMTW-04**
M32	NPT1"	1,4	**BMTW-05**
M40	NPT1 1/4"	1,4	**BMTW-06**
M50	NPT1 1/2"	1,4	**BMTW-07**
M63	NPT2"	1,4	**BMTW-08**
M75	NPT2 1/2"	1,4	**BMTW-09**
M90	NPT3"	1,6	**BMTW-10**

bimedCLEAN
HYGIENIC
GLANDS & FITTINGS

bimed

HYGIENIC GLANDS
BMFG & BMEFG



bimedCLEAN stainless steel Hygienic Cable Glands are used in all areas where cleanliness is a necessity. Avoiding build-up of dirt is most important in the following industries:

- Manufacturing and packaging of food and pharmaceuticals
- Clean room technology
- Biotechnology
- Chemical industry

Due to the special design of our Hygienic Cable Glands they provide the following benefits:

- smooth finish prevents harmful micro organisms to adhere to the surface
- no threads are exposed
- cleaning of cable glands is easier, faster and less expensive compared to traditional stainless steel cable glands
- reliable strain relief due to strain relief element separated from grommet
- suitable for high pressure steam cleaning

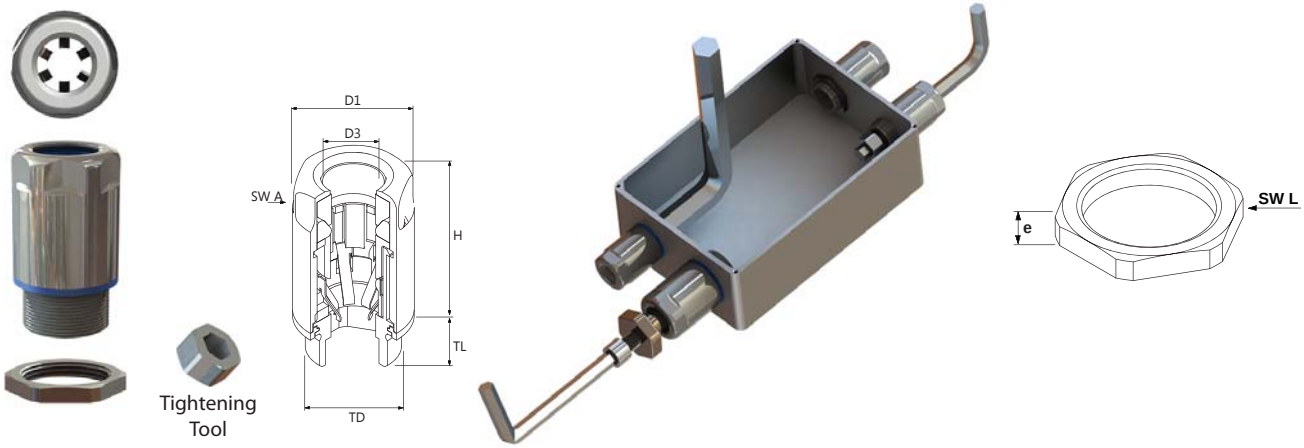
Protection categories:
IP 68 (5 bar, 30 min) according to EN 60 529
IP 69K according to DIN 40 050-9

Materials:
Cap nut, body and locknut : stainless steel 1.4404 (AISI 316L), other stainless steel grades available upon request

Grommet: TPE, according to FDA guideline 21 CFR 177.2600

Available in: Metric sizes, Pg and NPT upon request

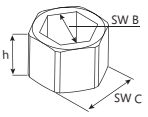
Thread Type TD	Cable Clamping Range mm	Cable Gland Dimensions						Locknut Dimensions			Code
		SW A mm	D1 mm	D3 mm	H mm	TL mm	Recommended Cap Tightening Torque Nm	SW L mm	e mm	Recommended Locknut Tightening Torque Nm	
STANDARD TYPE											
M12x1,5	3,0-6,5	14	15,6	6,8	21,5	6,0	2,5	15	2,8	6,0	**BMFGX-0S**
M16x1,5	5,0-10,0	18	20,2	10,3	28,5	7,0	4,0	19	3,0	9,0	**BMFGX-01**
M20x1,5	6,0-12,0	22	24,1	12,3	33,0	10,0	5,0	24	3,5	12,0	**BMFGX-02**
M25x1,5	12,0-17,0	28	30,1	17,3	38,0	14,0	6,0	30	4,0	14,0	**BMFGX-03**

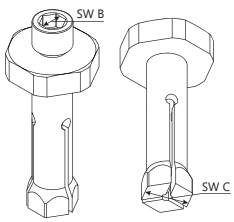


Thread Type TD	Cable Clamping Range mm	Cable Gland Dimensions						Locknut Dimensions			Code
		SW A mm	D1 mm	D3 mm	H mm	TL mm	Recommended Cap Tightening Torque Nm	SW L mm	e mm	Recommended Locknut Tightening Torque Nm	
EMC TYPE											
M16x1,5	5,0-10,0	18	20,2	10,3	28,5	7,0	4,0	19	3,0	9,0	**BMEFGX-01**
M20x1,5	6,0-12,0	22	24,1	12,3	33,0	10,0	5,0	24	3,5	12,0	**BMEFGX-02**
M25x1,5	12,0-17,0	28	30,1	17,3	38,0	14,0	6,0	30	4,0	14,0	**BMEFGX-03**

TIGHTENING TOOL

Gland Type	Tool Dimensions			Code
	SW B mm	SW C mm	h mm	
M12	5	7	5	**BMFGT-01**
M16	6	10	5	**BMFGT-02**
M20	8	13	8	**BMFGT-03**
M25	10	17	8	**BMFGT-04**





SPECIAL TOOL

Gland Type	Tool Dimensions		Code
	SW B mm	SW C mm	
M16	6	10	**BMFGST-02**
M20	8	13	**BMFGST-03**
M25	10	17	**BMFGST-04**

bimedCLEAN stainless steel Hygienic Conduit Fittings are used in all areas where cleanliness is a necessity. Avoiding build-up of dirt is most important in the following industries:

- Manufacturing and packaging of food and pharmaceuticals
- Clean room technology
- Biotechnology
- Chemical industry

Due to the special design of our Hygienic Conduit Fittings they provide the following benefits:

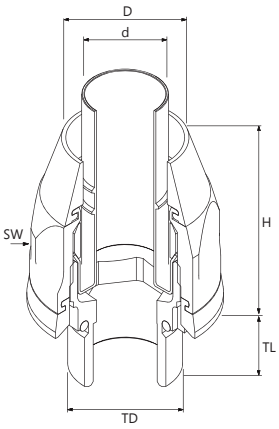
- smooth finish prevents harmful micro organisms to adhere to the surface
- no threads are exposed
- cleaning of fittings is easier, faster and less expensive compared to traditional stainless steel cable glands
- upper protective cap avoids dirt to enter the system
- suitable for high pressure steam cleaning

Protection categories:
IP 68 (5 bar, 30 min) according to EN 60 529
IP 69K according to DIN 40 050-9

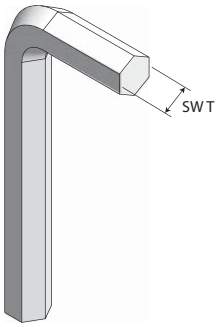
Materials:
Cap nut, body and locknut: stainless steel 1.4404 (AISI 316L), other stainless steel grades available upon request

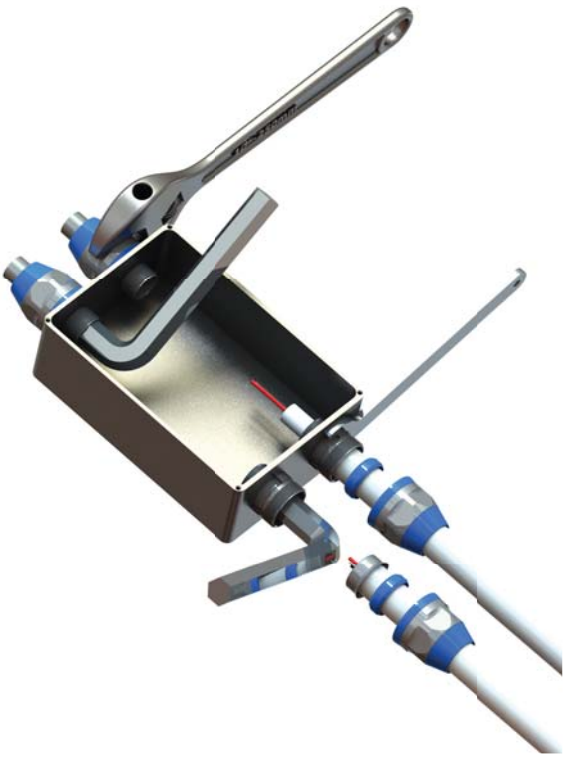
Grommet: TPE, according to FDA guideline 21 CFR 177.2600

Available in: Metric sizes, Pg and NPT upon request



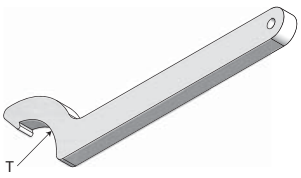
Thread Type TD	Fitting Dimensions H mm	TL mm	D mm	d mm	SW mm	Code	Conduit Size
M16x1,5	36,8	11,5	17,2	12,0	27	**BMHF-01**	M24x1,5/M16x1,5
M20x1,5	37,3	13,0	20,5	15,0	30	**BMHF-02**	M27x1,5/M20x1,5
M25x1,5	42,4	15,0	25,8	20,0	36	**BMHF-03**	M33x1,5/M25x1,5
M32x1,5	52,8	15,0	32,4	25,7	46	**BMHF-04**	M42x1,5/M32x1,5
M40x1,5	58,9	16,0	41,2	34,2	54	**BMHF-05**	M50x1,5/M40x1,5
M50x1,5	63,3	18,0	46,9	39,2	63	**BMHF-06**	M58x2,0/M50x1,5
M63x1,5	68,6	20,0	59,0	50,0	77	**BMHF-07**	M72x2,0/M63x1,5





TIGHTENING TOOL

Fitting Type	Tool Dimensions Ø T mm	SW T mm
M16	24	11
M20	27	14
M25	33	19
M32	42	25
M40	50	32
M50	58	36
M63	72	48



PARALEL THREAD

Metric ISO Thread to EN 60423 Code (M)

Size	Pitch (mm)	Major Diameter (mm)	Minor Diameter (mm)	Thread Angle	* Max. Ø Clerance Diameter
M12x1.5	1,5	12,0	10,5	60°	12,2
M16x1.5	1,5	16,0	14,5	60°	16,2
M20x1.5	1,5	20,0	18,5	60°	20,2
M25x1.5	1,5	25,0	23,5	60°	25,2
M32x1.5	1,5	32,0	30,5	60°	32,2
M40x1.5	1,5	40,0	38,5	60°	40,2
M50x1.5	1,5	50,0	48,5	60°	50,2
M63x1.5	1,5	63,0	61,5	60°	63,2
M75x1.5	1,5	75,0	73,5	60°	75,5
M90x1.5	1,5	90,0	88,5	60°	90,2
M100x1.5	1,5	100,0	98,5	60°	100,2
M110x1.5	1,5	110,0	108,5	60°	110,2

Pg Thread to DIN 40430 Code (P)

Size	Pitch (mm)	Major Diameter (mm)	Minor Diameter (mm)	Thread Angle	* Max. Ø Clerance Diameter
PG 7	1,270	12,5	11,28	80°	12,7
PG 9	1,410	15,2	13,86	80°	15,4
PG 11	1,410	18,6	17,26	80°	18,8
PG 13,5	1,410	20,4	19,06	80°	20,7
PG 16	1,410	22,5	21,16	80°	22,8
PG 21	1,588	28,3	26,78	80°	28,6
PG 29	1,588	37,0	35,48	80°	37,4
PG 36	1,588	47,0	45,48	80°	47,5
PG 42	1,588	54,0	52,48	80°	54,5
PG 48	1,588	59,3	57,78	80°	59,8

Pipe Thread to ISO 228/1 Code (C)

Size	Pitch (mm)	Major Diameter (mm)	Minor Diameter (mm)	Number Of Threads (per inch.) Z	Thread Angle	* Max. Ø Clerance Diameter
3/8"	1,337	16,662	14,95	19	55°	17,0
1/2"	1,814	20,955	18,631	14	55°	21,3
3/4"	1,814	26,441	24,117	14	55°	26,8
1"	2,309	33,249	30,291	11	55°	33,7
1 1/4"	2,309	41,910	38,952	11	55°	42,4
1 1/2"	2,309	47,803	44,845	11	55°	48,3
2"	2,309	59,614	56,656	11	55°	60,2
2 1/2"	2,309	75,184	72,226	11	55°	75,7
3"	2,309	87,884	84,926	11	55°	88,5
4"	2,309	113,030	110,072	11	55°	114,0

NPSM Thread to ANSI ASME B1.20.1 Code (N)

Size	Pitch (mm)	Major Diameter (mm)	Number Of Threads (per inch.) Z	Thread Angle	* Max. Ø Clerance Diameter
3/8"	1,411	17,140	18	60°	17,7
1/2"	1,814	21,340	14	60°	21,8
3/4"	1,814	26,670	14	60°	27,2
1"	2,209	33,400	11,5	60°	33,9
1 1/4"	2,209	42,160	11,5	60°	42,7
1 1/2"	2,209	48,260	11,5	60°	48,8
2"	2,209	60,325	11,5	60°	60,8
2 1/2"	3,175	73,020	8	60°	73,5
3"	3,175	88,900	8	60°	89,4
4"	3,175	114.30	8	60°	114,8

TAPERED THREAD 1.4722

NPT Thread to ANSI ASME B1.20.1 Code (S)

Size	Pitch (mm)	Rod Diameter (mm)	Number Of Threads (per inch.) Z	Thread Angle	* Max. Ø Clerance Diameter
3/8"	1,411	17,140	18	60°	17,7
1/2"	1,814	21,340	14	60°	21,8
3/4"	1,814	26,670	14	60°	27,2
1"	2,209	33,400	11,5	60°	33,9
1 1/4"	2,209	42,160	11,5	60°	42,7
1 1/2"	2,209	48,260	11,5	60°	48,8
2"	2,209	60,325	11,5	60°	60,8
2 1/2"	3,175	73,020	8	60°	73,5
3"	3,175	88,900	8	60°	89,4
4"	3,175	114,300	8	60°	114,8

GAS thread to UNI ISO 7/1 Code (G)

Size	Pitch (mm)	Major Diameter (mm)	Minor Diameter (mm)	Number Of Threads (per inch.) Z	Thread Angle	* Max. Ø Clerance Diameter
3/8"	1,337	16,662	14,95	19	55°	17,2
1/2"	1,814	20,955	18,631	14	55°	21,5
3/4"	1,814	26,441	24,117	14	55°	26,9
1"	2,309	33,249	30,291	11	55°	33,8
1 1/4"	2,309	41,910	38,952	11	55°	42,4
1 1/2"	2,309	47,803	44,845	11	55°	48,3
2"	2,309	59,614	56,656	11	55°	60,1
2 1/2"	2,309	75,184	72,226	11	55°	75,7
3"	2,309	87,884	84,926	11	55°	88,4
4"	2,309	113,030	110,072	11	55°	114,0

GAS GK Thread to UNI 6125 Code (K)

Size	Pitch (mm)	Major Diameter (mm)	Minor Diameter (mm)	Number Of Threads (per inch.) Z	Thread Angle	* Max. Ø Clerance Diameter
3/8"	1,337	16,662	14,95	19	55°	17,2
1/2"	1,814	20,955	18,631	14	55°	21,5
3/4"	1,814	26,441	24,117	14	55°	26,9
1"	2,309	33,249	30,291	11	55°	33,8
1 1/4"	2,309	41,910	38,952	11	55°	42,4
1 1/2"	2,309	47,803	44,845	11	55°	48,3
2"	2,309	59,614	56,656	11	55°	60,1
2 1/2"	2,309	75,184	72,226	11	55°	75,7
3"	2,309	87,884	84,926	11	55°	88,4
4"	2,309	113,030	110,072	11	55°	114,0

OUR CERTIFICATES

bimed

CERTIFICATE

TÜV NORD

Management system as per
DIN EN ISO 9001 : 2008

In accordance with TÜV NORD CERT procedures, it is hereby certified that

Bimed Teknik Aletler San. ve Tic. AŞ
SS Bakır ve Pirinç San. Sit., Leylak Cad., No 15, Beylikdüzü,
TR-34524 İstanbul,
Turkey

applies a management system in line with the above standard for the following scope

Design and production of
·cable fitting elements and accessories for explosion proof and industrial applications,
·damper and gas springs for automotive and industrial applications,
·piston pins for compressors and gas motors,
·plastic connectors, sockets, insulators and plastic parts for use in household appliances and in electrical, electronic, energy and automotive applications,
·push in wire connectors for rigid and flexible wires for building and lighting applications
·plastic and metal pressure balance elements for electrical enclosures and panels

Certificate Registration No. 44 100 133018 Valid until 2016-04-25
Audit Report No. TR 1464

Certification Body
at TÜV NORD CERT GmbH

Istanbul, 2013-04-26

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH Langemarckstrasse 20 45141 Essen www.tuev-nord-cert.com

TGA-ZM-07-06-00

bimed

--7834

CERTIFICATE

TÜV NORD

Management system as per

ISO/TS 16949:2009

(3rd edition, 2009-06-15)

Evidence of conformity with the above standard has been furnished and is certified in accordance with TÜV NORD CERT procedures for

Bimed Teknik Aletler Sanayi ve Ticaret A.Ş.
S.S Bakır ve Pirinç Sanayi Sitesi, Orkide Caddesi, No 15, Beylikdüzü
TR-34520 Istanbul
Turkey

Scope

Design and manufacturing of gas springs

IATF Registration No. 0136498
Certificate Registration No. 44 111 117390

Valid from 2012-03-16
Valid until 2015-03-15

Certification body
at TÜV NORD CERT GmbH

Essen, 2012-03-16

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

02-IAO-QMC-01021

bimed

CESI NOTIFICATION

CESI
Centro Elettrotecnico
Sperimentale Italiano
Giacinto Motta SpA

Via R. Rubattino 54
20134 Milano - Italia
Telefono +39 022125.1
Fax +39 0221255440
www.cesi.it

Capitale sociale 8 550 000 €
interamente versato
Codice fiscale e numero
iscrizione CCIAA 00793580150

Registro Imprese di Milano
Sezione Ordinaria
N. R.E.A. 429222
P.I. IT00793580150

CESI-ATEX

Schema di certificazione

Il CESI è stato autorizzato dal governo italiano ad operare quale organismo di certificazione di apparecchi e sistemi destinati a essere utilizzati in atmosfera potenzialmente esplosiva con D.M. 1/3/1983, D.M. 19/6/1990, D.M. 20/7/1998, D.M. 27/9/2000 e D.M. 02/02/2006

[1] **PRODUCTION QUALITY ASSURANCE NOTIFICATION**

[2] **Equipment or Protective System or Component intended for use in potentially explosive atmospheres Directive 94/9/EC**

[3] Notification number:

CESI 11 ATEX 008 Q

[4] Equipment or component type: Cable Glands and Fittings for electrical installactions

Protection concepts: Flameproof enclosures "d"
Increased safety "e"
Dust ignition protection "tD"

[5] Applicant: Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Orkide Cad. No. 15
TR-34520 Beylikdüzü-Büyükçekmece - ISTANBUL

[6] Manufacturer: Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Orkide Cad. No. 15
TR-34520 Beylikdüzü-Büyükçekmece - ISTANBUL

[7] CESI, notified body n. 0722 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, notifies to the applicant that the actual manufacturer has a production quality system which complies to Annex IV of the Directive.

[8] This notification is based on audit report n. EX-B1004447 issued the 10/02/2011.

This notification can be withdrawn if the manufacturer no longer satisfies the requirement of Annex IV.

Results of periodical re-assessment of the quality system are a part of this notification.

[9] This notification is **valid until 10/02/2014** and can be withdrawn if the Manufacturer does not satisfy the production quality assurance re-assessment.

[10] According to Article 10 [1] of the Directive 94/9/EC the CE marking shall be followed by the identification n. 0722 identifying the notified body involved in the production control stage.

Date 10th February 2011 - Translation issued 10th February 2011

Prepared	**Verified**	**Approved**
Sergio G. Giugno	Mirko Balaž	Fiorenzo Bregani

CESI
Centro Elettrotecnico Sperimentale Italiano
Giacinto Motta SpA

bimed

Statement No. IMQ-230/WMT

STATEMENT OF RECOGNITION

WE DECLARE THAT

Bimed Teknik Aletler San. Ve Tic. A.Ş.

IN ITS TESTING LABORATORY OF

Bimed Teknik Electric Laboratory
Beylikdüzü, S.S. Bakır Pirinç Sanayi Sitesi Leylak Cad. No.15
34524 Istanbul - Turkey

HAS BEEN AUTHORIZED FOR THE APPLICATION OF PROCEDURE

WITNESSED MANUFACTURER'S TESTING
AS DESCRIBED IN IMQ INTERNAL PROCEDURE PI-006

On this basis, IMQ – when operating as Notified Body for the ATEX 94/9/CE Directive – will accept the test results of the above testing laboratory, on terms and conditions detailed in the Annex.

IMQ S.p.A

First issue: 2012-01-16
Current issue: 2012-01-16
Expiry date: 2015-01-15

Mod. 934WMT_DIR/0

bimed

ANNEX

Terms of recognition

The acceptance of the test results is subjected to the following terms and conditions:

- testing program falling in the "Scope of recognition";
- testing session witnessed by IMQ engineers;
- continuous conformance of quality system and facilities of the testing laboratory with the IMQ requirements.

Scope of recognition

European standards:

- *EN 60079-0:2009 (clauses A.3.2.1.1; 26.4.2)*
- *EN 60079-1:2007 (clauses C.3.1.1; C.3.2.1)*
- *EN 60529:1991 + corr:1993 + A1:2000 (clause 14.2.9)*

IMQ S.p.A

IMQ S.p.A. Società a socio unico I-20138 Milano - Via Quintiliano 43 - tel. 0250731(r.a.) - fax 0250991500 - info@imq.it - www.imq.it
Rea MI 1595884 - Registro Imprese MI 12898410159 - C.F./P.I.: 12898410159 - Capitale sociale 4.000.000 euro.

IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx IMQ 13.0003X	issue No.:0	Certificate history:
Status:	**Current**		
Date of Issue:	**2013-05-29**	Page 1 of 3	

Applicant: **Bimed Teknik Aletler San ve Tic. A.S.**
Orkide Cad. nr. 15 – Istanbul (Turkey)
Turkey

Electrical Apparatus: **Polyamide cable glands for circular cables (series B..-X; B..DC-X) and plugs (series TP-X)**

Optional accessory:

Type of Protection: **Ex e; Ex tb**

Marking: Ex e IIC Gb
Ex tb IIIC Db IP66/68

Approved for issue on behalf of the IECEx Certification Body: Mr. Mauro CASARI

Position: IMQ ExCB Manager

Signature:
(for printed version) _____

Date: _____

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

Istituto Italiano del Marchio di Qualità S.p.A
Via Quintiliano 43
20138 Milano,
Italy

bimed

VDE Prüf- und Zertifizierungsinstitut

VDE VERBAND DER ELEKTROTECHNIK
ELEKTRONIK INFORMATIONSTECHNIK e.V.

ZERTIFIKAT
CERTIFICATE

für die überwachte Fertigungsstätte
for the approved Place of Manufacture

Bimed Teknik Alatler San.
ve Tic. A.S.
S. S. Bakir ve Pirinc San. Sitesi
34520 BÜYÜKCEKMECE - ISTANBUL
TÜRKEI

Die Überwachung erfolgt nach dem **Harmonisierten Werksinspektions-Verfahren - Anforderungen (CIG 021 bis 024).** Die Anforderungen wurden erfüllt:

This surveillance is performed according to the **Harmonized Factory Inspection Procedure - Requirements (CIG 021 to 024).** The requirements have been fulfilled:

Produkt-Kategorie:
Kabelverschraubungen für elektrische Installationen

Product Category:
Cable glands for electrical installations

Datum der letzten Inspektion/
Date of last inspection:

2010-07-21

VDE Prüf- und Zertifizierungsinstitut GmbH/*VDE Testing and Certification Institute*
Werksinspektion und Konformitätsüberwachung/*Factory Inspection and Conformity Control*

gez. i. A. Thomas Bilz

Offenbach, 2010-09-20

bimed

VDE Prüf- und Zertifizierungsinstitut

ZEICHENGENEHMIGUNG
MARKS APPROVAL

Bimed Teknik Alatler San.
ve Tic. A.S.
S. S. Bakir ve Pirinc San. Sitesi
Leylak Cad. No.15 Beylikdüzü
34520 BÜYÜKCEKMECE - ISTANBUL
TURKEY

ist berechtigt, für ihr Produkt /
is authorized to use for their product

Kabelverschraubungen für elektrische Installationen
Cable glands for electrical installations

die hier abgebildeten markenrechtlich geschützten Zeichen
für die ab Blatt 2 aufgeführten Typen zu benutzen /
the legally protected Marks as shown below for the types referred to on page 2 ff.

Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 50262 (VDE 0619):2005-05; EN 50262:1998 + A1:2001 + A2:2004

Aktenzeichen: 4083100-1492-0002 / 143552
File ref.:

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Zertifizierungsstelle / *Certification*

Ausweis-Nr. 138040 Blatt 1
Certificate No. *Page*

Weitere Bedingungen siehe Rückseite und Folgeblätter /
further conditions see overleaf and following pages

Offenbach, 2001-09-03
(letzte Änderung/updated 2011-01-07)

VDE Zertifikate sind nur gültig bei Veröffentlichung unter: http://www.vde.com/zertifikat
VDE certificates are valid only when published on: *http://www.vde.com/certificate*

VDE

bimed

VDE Prüf- und Zertifizierungsinstitut

ZEICHENGENEHMIGUNG
MARKS APPROVAL

Bimed Teknik Alatler San.
ve Tic. A.S.
S. S. Bakir ve Pirinc San. Sitesi
Leylak Cad. No.15 Beylikdüzü
34520 BÜYÜKCEKMECE - ISTANBUL
TURKEY

ist berechtigt, für ihr Produkt /
is authorized to use for their product

Kabelverschraubungen für elektrische Installationen
Cable glands for electrical installations

die hier abgebildeten markenrechtlich geschützten Zeichen
für die ab Blatt 2 aufgeführten Typen zu benutzen /
the legally protected Marks as shown below for the types referred to on page 2 ff.

Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 50262 (VDE 0619):2005-05; EN 50262:1998 + A1:2001 + A2:2004

Aktenzeichen: 4083100-1492-0001 / 110247
File ref.:

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Zertifizierungsstelle / *Certification*

Ausweis-Nr. 40001820 Blatt 1
Certificate No. *Page*

Weitere Bedingungen siehe Rückseite und Folgeblätter /
further conditions see overleaf and following pages

Offenbach, 2002-06-11
(letzte Änderung/updated 2010-09-21)

VDE Zertifikate sind nur gültig bei Veröffentlichung unter: http://www.vde.com/zertifikat
VDE Certificates are valid only when published on: *http://www.vde.com/certificate*

VDE

bimed

VDE Prüf- und Zertifizierungsinstitut

ZEICHENGENEHMIGUNG
MARKS APPROVAL

Bimed Teknik Alatler San.
ve Tic. A.S.
S. S. Bakir ve Pirinc San. Sitesi
Leylak Cad. No.15 Beylikdüzü
34520 BÜYÜKCEKMECE - ISTANBUL
TURKEY

ist berechtigt, für ihr Produkt /
is authorized to use for their product

Kabelverschraubungen für elektrische Installationen
Cable glands for electrical installations

die hier abgebildeten markenrechtlich geschützten Zeichen
für die ab Blatt 2 aufgeführten Typen zu benutzen /
the legally protected Marks as shown below for the types referred to on page 2 ff.

Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 50262 (VDE 0619):2005-05; EN 50262:1998 + A1:2001 + A2:2004

Aktenzeichen: 4083100-1492-0002 / 134405
File ref.:

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Zertifizierungsstelle / *Certification*

Ausweis-Nr. 134171 Blatt 1
Certificate No. *Page*

Weitere Bedingungen siehe Rückseite und Folgeblätter /
further conditions see overleaf and following pages

Offenbach, 2001-09-03
(letzte Änderung/updated 2010-10-01)

VDE Zertifikate sind nur gültig bei Veröffentlichung unter: http://www.vde.com/zertifikat
VDE certificates are valid only when published on: *http://www.vde.com/certificate*

VDE

bimed

CSA INTERNATIONAL

Certificate of Compliance

Certificate:	2070999 (LR 115116)	**Master Contract:**	190896
Project:	2171758	**Date Issued:**	2009/05/01

Issued to: **Bimed Teknik Aletler Sanayi Ve**
Ticaret A.S.
Beylikduzu Mevkii
S.S. Bakir Ve Pirinc Sanayi Sitesi
Leylak Cad. No. 15, Buyukcekmece
Istanbul,
Turkey
Attention: Viktor Birmizrahi

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

C US

Issued by: Nick Sajatovich

Authorized by: Nick Alfano, Operations Manager

PRODUCTS

CLASS 4414 89 - FITTINGS - Positioning Devices - Certified to US Standards
CLASS 4414 09 - FITTINGS - Positioning Devices

Nonmetallic cable clips, Cat. No. 354-1561 and 354-1564.

bimed

CSA INTERNATIONAL

Certificate of Compliance

Certificate:	1945462 (LR 115116)	**Master Contract:**	190896
Project:	2144782	**Date Issued:**	2009/03/12

Issued to: **Bimed Teknik Aletler Sanayi Ve**
Ticaret A.S.
Beylikduzu Mevkii
S.S. Bakir Ve Pirinc Sanayi Sitesi
Leylak Cad. No. 15, Buyukcekmece
Istanbul,
Turkey
Attention: Victor Birmizrah

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

C US

Issued by: Nick Sajatovich

Authorized by: Nick Alfano, Operations Manager

PRODUCTS

CLASS 4412 81 - OUTLET BOXES AND FITTINGS - Bushings, Fittings - Certified to US Standards

CLASS 4412 01 - OUTLET BOXES AND FITTINGS - Bushings, Fittings

Non-metallic cord connectors, Series 180, 181, 182, 183, BS, BM, BI and BN, liquid-tight, in NPT, PG and

bimed

Certificate of Compliance

Certificate Number **20111207-E199260**
Report Reference **E199260-19981214**
Issue Date **2011-DECEMBER-07**

Underwriters Laboratories

Issued to: BIMED TEKNIK ALETLER SAN TIC A S
BEYLIKDUZU MEVKII
SS BAKIR VE PIRINC SAN
ORKIDE CD NO 15
34524 BEYLIKDUZU ISTANBUL TURKEY

This is to certify that representative samples of OUTLET BUSHINGS AND FITTINGS

Have been investigated by Underwriters Laboratories in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 514B Conduit, Tubing, and Cable Fittings
CSA-C22.2 No. 18-1 Metallic Outlet Boxes

Additional Information: See UL On-line Certification Directory at WWW.UL.COM for additional information.

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers: c UL us the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product

bimed

QCRV2.E199260
Outlet Bushings and Fittings - Component

Outlet Bushings and Fittings - Component

See General Information for Outlet Bushings and Fittings - Component

BIMED TEKNIK ALETLER SAN TIC A S E199260
BEYLIKDUZU MEVKII
SS BAKIR VE PIRINC SAN
ORKIDE CD NO 15
34524 ISTANBUL, BEYLIKDUZU TURKEY

Cord connector-liquid-tight flexible, Cat. Nos. BM01, BM02.

Dry locations flexible cord connectors, Cat. Nos. BM-0S, BM-1S, BM-2S, BM-EN-0S, BM-EN-1S, BM-EN-2S, BM-EN-01, BM-EN-11, BM-EN-21, BM-EN-01S, BM-EN-11S, BM-EN-21S, BMSP-0S, BMSP-1S, BMSP-2S, BS-01, BS-02, BS-11, BS-12, BS-21, BS-22, BSSP-21, BSSP-01, BSSP-11, BSSP-22, BSSP-02, BSSP-12.

Liquid-tight flexible cord fittings, Cat. Nos. BMBC-0S*, BMEM-ES*, BMSC-0S*, BNBC-0S*, BNEM-0S*, BNSC-0S*, BMBC-E1*, BMEM-E1*, BMSC-E1*, BNBC-01*, BNEM-01*, BNSC-01*, BMX-22 (2X3), BMEM-ES (M12T), BMEM-E1 (M16T), BMEM-E2 (M20T), BMEM-E3 (M25T).

Straight Cat. Nos. BSPA-21, BSPA-01, BSPA-11, BS-23, BS-03, BS-13, BM-21, BM-01, BM-11; Straight Long threads, Cat. Nos. BM-21L, BM-01L, BM-11L; Straight Spiral Necks, Cat. Nos. BNSPA-21, BNSPA-01, BNSPA-11, BSSP-23, BSSP-03, BSSP-13, BMSP-21, BMSP-01, BMSP-11.

* Indicates devices have Type 4X rating.

Marking: Company name and catalog designation.
Last Updated on 2011-10-11

bimed

QCRV7.E199260
Outlet Bushings and Fittings Certified for Canada

Outlet Bushings and Fittings Certified for Canada

See General Information for Outlet Bushings and Fittings Certified for Canada

BIMED TEKNIK ALETLER SAN TIC A S E199260
BEYLIKDUZU MEVKII
SS BAKIR VE PIRINC SAN
ORKIDE CD NO 15
34524 ISTANBUL, BEYLIKDUZU TURKEY

Cord connectors, Cat. Nos. BNSPA-01, -21, BNSPB-02, BNSPC-02, -22, BNSPD-03, -23, BSP-04, BSPA-01, BSPB-02, BSPC-02, BSPD-03.

Liquid tight flexible cord fittings, Cat. Nos. BSN-04, BSNA-01, BSNC-02, BSND-03.

Cat. Nos. BMEM-E2*, BMBC-02*, BMSC-02*, BNEM-02*, BNBC-02*, BNSC-02*, BMEM-E6*, BMBC-E6*, BMSC-E6*, BMEM-E7*, BMBC-07*, BMSC-07*, BMEM-E3*, BMSC-E3*, BMBC-E3*, BMEM-E4*, BMSC-E4*, BMBC-E4*, BMEM-E5*, BMSC-E5*, BMBC-E5*, BMEM-E4 (M32T), BMEM-E5 (M40T), BMEM-E6 (M50T), BMEM-E7 (M63T).

Cat. Nos. BSPC-22, BSPC-02, BSPC-12, BSP-24, BSP-04, BSP-14, BS-25, BS-05, BS-15, BS-27, BS-07, BS-17, BM-23, BM-03, BM-13, BM-25, BM-05, BM-15, BM-27, BM-07, BM-17; Straight Long threads, Cat. Nos. BM-24, BM-04, BM-14; Straight Spiral Necks, Cat. Nos. BNSPC-22, BNSPC-02, BNSPC-12, BNSP-24, BNSP-04, BNSPD-14, BSSP-25, BSSP-05, BSSP-15, BMSP-23, BMSP-03, BMSP-13, BMSP-25, BMSP-05, BMSP-15.

* Indicates devices have Type 4X rating.

Last Updated on 2011-10-11

bimed

QCRV8.E199260
Outlet Bushings and Fittings Certified for Canada - Component

Outlet Bushings and Fittings Certified for Canada - Component

See General Information for Outlet Bushings and Fittings Certified for Canada - Component

BIMED TEKNIK ALETLER SAN TIC A S E199260
BEYLIKDUZU MEVKII
SS BAKIR VE PIRINC SAN
ORKIDE CD NO 15
34524 ISTANBUL, BEYLIKDUZU TURKEY

Liquid-tight flexible cord fittings, Cat. Nos. BMBC-0S*, BMEM-ES*, BMSC-0S*, BNBC-0S*, BNEM-0S*, BNSC-0S*, BMBC-E1*, BMEM-E1*, BMSC-E1*, BNBC-01*, BNEM-01*, BNSC-01*, BMEM-ES (M12T), BMEM-E1 (M16T), BMEM-E2 (M20T), BMEM-E3 (M25T).

Straight Cat. Nos. BSPA-21, BSPA-01, BSPA-11, BS-23, BS-03, BS-13, BM-21, BM-01, BM-11, BM-EN-01S, BM-EN-11S, BM-EN-21S; Straight Long threads, Cat. Nos. BM-21L, BM-01L, BM-11L; Straight Spiral Necks, Cat. Nos. BNSPA-21, BNSPA-01, BNSPA-11, BSSP-23, BSSP-03, BSSP-13, BMSP-21, BMSP-01, BMSP-11, BMX-22 (2X3).

* Indicates devices have Type 4X rating.

Marking: Company name, catalog designation and the Recognized Component Mark for Canada.

Last Updated on 2011-10-11

bimed

СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р

ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

Добровольная сертификация

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС TR.AB28.H10698

Срок действия с 28.06.2011 по 27.06.2014

№ 0631038

ОРГАН ПО СЕРТИФИКАЦИИ рег. № РОСС RU.0001.11АВ28.ОРГАН ПО СЕРТИФИКАЦИИ ПРОДУКЦИИ ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "СЕРКОНС". РФ, 115114, г. Москва, ул. Дербеневская, д. 20, стр. 16, тел. (495) 782-17-08, e-mail: info@serconsrus.com.

ПРОДУКЦИЯ Гайка стопорная латунная, штуцер латунный т.м. «BİMED TEKNİK».
Серийный выпуск.

код ОК 005 (ОКП): 34 4960

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ
ГОСТ 14254-96 (табл. 1 (п. 7), табл. 2 (п. 7), табл. 3 (п. 9))

код ТН ВЭД России: 7318 19 000 0

ИЗГОТОВИТЕЛЬ «BİMED TEKNİK ALETLER SANAYİ VE TİCARET A.Ş.».
Адрес: SS.BAKIR VE PİRİNÇ SAN.SİTESİ LEYLAK CAD.NO:15 34520 BÜYÜKÇEKMECE-İSTANBUL, Турция. Телефон +90 21287573 76./ 8757377, факс +90 2128757052/ 8750823.

СЕРТИФИКАТ ВЫДАН «BİMED TEKNİK ALETLER SANAYİ VE TİCARET A.Ş.».
Адрес: SS.BAKIR VE PİRİNÇ SAN.SİTESİ LEYLAK CAD.NO:15 34520 BÜYÜKÇEKMECE-İSTANBUL, Турция. Телефон +90 21287573 76 / 8757377, факс +90 2128757052/ 8750823.

НА ОСНОВАНИИ протокола сертификационных испытаний № 1873 от 27.06.2011 г. ООО "АКАДЕМСИБ", рег. № РОСС RU.0001.21АВ09, адрес: РФ, 630024, г. Новосибирск, ул. Бетонная, 14

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Сертификат системы менеджмента качества ISO 9001:2008 № TIC 15 100 42225 от 24.06.2010 г., выданный ОС "TIC".
Схема сертификации: 3.

М.П.

Руководитель органа _____ (подпись) И.Л. Еникеев (инициалы, фамилия)

Эксперт _____ (подпись) А.В.Прянин (инициалы, фамилия)

Сертификат не применяется при обязательной сертификации

bimed

СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р

ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС TR.AB28.B09425

Срок действия с 22.03.2011 по 21.03.2014

№ 0441903

ОРГАН ПО СЕРТИФИКАЦИИ рег. № РОСС RU.0001.11АВ28.ОРГАН ПО СЕРТИФИКАЦИИ ПРОДУКЦИИ ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "СЕРКОНС". РФ, 115114, г. Москва, ул. Дербеневская, д. 20, стр. 16, тел. (495) 782-17-08, e-mail: info@serconsrus.com.

ПРОДУКЦИЯ Соединители электрические т.м. «BIMED»: соединительные конекторы (соединители), терминалы (концевые участки). Серийный выпуск.

код ОК 005 (ОКП): 34 2490

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ ГОСТ Р 50043.1-92; ГОСТ Р 50043.2-92

код ТН ВЭД России: 8536 69 900 0

ИЗГОТОВИТЕЛЬ "BIMED TEKNIK ALETLER SANAYI VE TICARET A.S.". Адрес: S.S. Bakir ve Pirinc San. Sit.Leylak Cad. No: 15 Beylikduzu /Istanbul, Турция. Телефон (+90 212)875 73 76/77, факс (+90 212) 875 08 23.

СЕРТИФИКАТ ВЫДАН "BIMED TEKNIK ALETLER SANAYI VE TICARET A.S.". Адрес: S.S. Bakir ve Pirinc San. Sit.Leylak Cad. No: 15 Beylikduzu /Istanbul, Турция. Телефон (+90 212)875 73 76/77, факс (+90 212) 875 08 23.

НА ОСНОВАНИИ протокола сертификационных испытаний № 261-7-03/11 от 21.03.2011 г. ИЛ ЭТИ "ЭКСПЕРТ", рег. № РОСС RU.0001.21МЛ36 от 08.10.2009, адрес: 144000, Российская Федерация, Московская обл, г. Электросталь, Строительный переулок, д. 9

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Сертификат системы менеджмента качества ISO 9001:2008 № TIC 15 100 42225 от 24.06.2010 г., выданный ОС "TÜV Thüringen e.V.". Место нанесения знака соответствия: знак соответствия по ГОСТ Р 50460-92 наносится на корпус изделия и (или) в эксплуатационную документацию. Схема сертификации: 3.

М.П.

Руководитель органа _____ (подпись) И.Л. Еникеев (инициалы, фамилия)

Эксперт _____ (подпись) А.В.Прянин (инициалы, фамилия)

Сертификат имеет юридическую силу на всей территории Российской Федерации

bimed

СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р

ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС TR.AB28.H09633

Срок действия с 05.04.2011 по 04.04.2014

№ 0351960

ОРГАН ПО СЕРТИФИКАЦИИ рег. № РОСС RU.0001.11АВ28.ОРГАН ПО СЕРТИФИКАЦИИ ПРОДУКЦИИ ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "СЕРКОНС". РФ, 115114, г. Москва, ул. Дербеневская, д. 20, стр. 16, тел. (495) 782-17-08, e-mail: info@serconsrus.com.

ПРОДУКЦИЯ Пластиковые изделия для кабельной продукции, т.м. «BIMED» (см. приложение на 1 листе, бланк № 0120887). Серийный выпуск.

код ОК 005 (ОКП): 34 4960

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ ГОСТ 4860.1-83

код ТН ВЭД России: См. приложение

ИЗГОТОВИТЕЛЬ «BIMED TEKNIK ALETLER SANAYI VE TICARET A.S.». Адрес: S.S. Bakir ve Pirinc San. Sit.Leylak Cad. No: 15 Beylikduzu /Istanbul, Турция. Телефон (+90-212) 875-73-76/77, факс (+90-212) 875-08-23.

СЕРТИФИКАТ ВЫДАН «BIMED TEKNIK ALETLER SANAYI VE TICARET A.S.». Адрес: S.S. Bakir ve Pirinc San. Sit.Leylak Cad. No: 15 Beylikduzu /Istanbul, Турция. Телефон (+90-212) 875-73-76/77, факс (+90-212) 875-08-23.

НА ОСНОВАНИИ протокола сертификационных испытаний № 993 от 05.04.2011 г. ООО "АКАДЕМСИБ", рег. № РОСС RU.0001.21АВ09, адрес: РФ, 630024, г. Новосибирск, ул. Бетонная, 14

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Сертификат системы менеджмента качества ISO 9001:2008 № TIC 15 100 42225 от 24.06.2010 г., выданный ОС «TÜV Thüringen e.V.». Схема сертификации: 3.

М.П.

Руководитель органа _____ (подпись) И.Л. Еникеев (инициалы, фамилия)

Эксперт _____ (подпись) А.В.Прянин (инициалы, фамилия)

Сертификат не применяется при обязательной сертификации

bimed

СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р

ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

№ 0120887

ПРИЛОЖЕНИЕ

К сертификату соответствия № РОСС TR.AB28.H09633

Перечень конкретной продукции, на которую распространяется действие сертификата соответствия

код ОК 005 (ОКП) код ТН ВЭД России	Наименование и обозначение продукции, ее изготовитель	Обозначение документации, по которой выпускается продукция
34 4960	Пластиковые изделия для кабельной продукции, т.м. «BIMED»:	
3926 90 980 8	Пластиковая стопорная гайка	
3923 50 900 0	Пластиковая заглушка	
3923 50 900 0	Пластиковые защитные крышки	
3926 90 980 8	Пластиковые зажимы	
3917 40 000 0	Пластиковый штуцер	
	ИЗГОТОВИТЕЛЬ: «BIMED TEKNIK ALETLER SANAYI VE TICARET A.S.» S.S. Bakir ve Pirinc San. Sit.Leylak Cad. No: 15 Beylikduzu /Istanbul, Турция	

Орган по сертификации продукции ООО "СЕРКОНС" Москва РОСС RU.0001.11АВ28

М.П.

Руководитель органа _____ (подпись) И.Л. Еникеев (инициалы, фамилия)

Эксперт _____ (подпись) А.В.Прянин (инициалы, фамилия)

bimed

TÜRK LOYDU

İKTİSADİ İŞLETMESİ

TYPE APPROVAL CERTIFICATE

Certificate No: TO.DEB.2008.2443

This Certificate consist of 2 Pages

This is to certify that the

CABLE GLAND FOR ELECTRICAL INSTALLATIONS

With type designations

BMBC-0X, BMBC-EX, BSBC-0X, BNBC-0X, BMEM-0X, BSEM-0X, BMEM-EX

Manufactured by

BİMED TEKNİK ALETLER SAN. VE TİC. A.Ş.
İSTANBUL / TÜRKİYE

Is found to comply with

Türk Loydu Rules, DIN EN 50262 (VDE 0619):2005-05, EN 50262:1998+A1:2001+A2:2004

Application	: Appropriate for marine type switchboard, distribution boards and consoles
Design	: acc. to approved drawings, IP 68, -40°C to 100°C
Sizes	: acc. to approved drawings
Address of Manufacturer	: Beylikdüzü Mevkii, S.S. Bakır ve Pirinç Sanayi Sitesi Leylak Cad. No: 15 Büyükçekmece 34524 - İstanbul – TURKEY

Place and date
İSTANBUL 06.11.2008

Subject to the conditions referred to 2nd page this certificate is valid until 05.11.2013.

Hür FIRTINA
Head Of Mat. & Pro. Cert. Dept.

S. Taner GÜNDÜZ
Surveyor

bimed

Product description: Cable Gland For Electrical Installations

Type Designation :

Standard metric brass cable glands (BMBC-0X series): BMBC-0S, BMBC-01, BMBC-01S, BMBC-02, BMBC-03, BMBC-04, BMBC-04S, BMBC-05, BMBC-05S, BMBC-06, BMBC-07, BMBC-07S

Eurometric brass cable glands (BMBC-EX series) : BMBC-ES, BMBC-E2, BMBC-E3, BMBC-E4, BMBC-E5, BMBC-E6, BMBC-E7

Standard Pg thread cable glands (BSBC-0X series): BSBC-01, BSBC-02, BSBC-03, BSBC-04, BSBC-05, BSBC-06, BSBC-07, BSBC-08, BSBC-09, BSBC-10

Standart NPT thread cable glands (BNBC-0X series): BNBC-01, BNBC-02, BNBC-03

2nd generation EMC metric thread cable glands (BMEM-0X series): BMEM-0S, BMEM-01, BMEM-01S, BMEM-02, BMEM-03, BMEM-04, BMEM-04S, BMEM-05, BMEM-05S, BMEM-06, BMEM-06S, BMEM-07, BMEM-07S

2nd generation EMC Pg thread cable glands (BSEM-0X): BSEM-01, BSEM-02, BSEM-03, BSEM-04, BSEM-05, BSEM-06, BSEM-07, BSEM-08, BSEM-09, BSEM-10

3rd generation EMC metric thread cable glands (BMEM-EX series): BMEM-ES, BMEM-E2, BMEM-E3, BMEM-E4, BMEM-E5, BMEM-E6, BMEM-E7

Metric thread St. Locknuts BMBL-0X series, Pg tread St. locknuts BSL-0X series,

Metric thread EMC locknuts BMEL-0X series, Pg thread EMC locknuts BSEL-0X series

Materials used : Gland body: Brass nickel plated (MS-58) CuZn39Pb2/Pb3, Bland cover: Brass nickel plated, Gland locknut: Brass nickel plated, Clamping insert: PA6, sealing ring: Chloroprene (Neoprene), O ring: NBR, EMC contact ring: Copper- Beryllium

Application/Limitation(Approval conditions): Not applicable for hazardous areas required explosion protection.

Type Approval Documentation:

Approved drawings and reviewed documents (dated 03.11.2008)

VDE Certificate No: 40001820 Mark Approval (updated 28.06.2007)

UL Certificate No: QCRV E199260

BİMED Reports of tests witnessed by T.L. surveyor (dated 05.11.2008)

Test carried out (and results): Found satisfactory

Place of test carried out: Büyükçekmece / İSTANBUL-TÜRKİYE

Marking of product: -

Certificate retention survey:

The scope of the Retention Survey is to verify that the conditions stipulated for the Type Approval is complied with and that no alterations are made to the product design or choice materials.In order to keep the validity of this certificate up to date within whole year "Certificate Confirmation Surveys" to be carried out each one (1) yearly period.

Hür FIRTINA
Head Of Mat. & Pro. Cert. Dept.

S. Taner GÜNDÜZ
Surveyor

This certificate is valid if retention/renewal surveys carried out to the satisfaction of TL's surveyor and following entries made:

T. GÜNDÜZ	T.GÜNDÜZ			
Surveyor	Surveyor	Surveyor	Surveyor	Surveyor
11.2009	29.06.2010	11.2011	11.2012	-
Survey Date	Survey Date	Survey Date	Survey Date	Survey Date

This certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. Type Approval Certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. This certificate is not valid for products without TL marking above mentioned . The manufacturer should notify TÜRK LOYDU of any modifications or changes to the equipment in order to obtain valid certificate. This certificate shows that tested specimens, representative of the product complies of the TÜRK LOYDU rules, and relevant international instruments that apply to it.

bimed

bimed

TEKNIK ALETLER SANAYI VE TICARET A.S.

TURKEY / Head Office and Factory
Bakir ve Pirinc Sanayi Sitesi, Orkide Caddesi Nr.15
34524 Beylikduzu ISTANBUL -TURKEY
Telephone: +90.212.875 73 76
Telefax: +90.212.875 70 52
bimedteknik@bimedteknik.com
www.bimedteknik.com

DEUTSCHLAND / Branch
Liebknechtstr. 33
70565 Stuttgart DEUTSCHLAND
Telephone: +49 (0)711 7811-553
Telefax: +49 (0)711 7811-555
kk@bimedteknik.de

NORTH AMERICA / Branch
44 Ambleside Ave.
Toronto Ontario M8Z 2H7 CANADA
Telephone: 1 (416) 354 2537
Telefax: 1 (416) 354 2537
rk@bimedteknik.com

EGYPT / Branch
The 47th building, 4th Floor,Office 417 ,
North 90 Street, Section 1/5 th Settlement
New Cairo, 11835 EGYPT
Telephone: +202 25032847
Telefax: +202 25032801
milad@bimedteknik.com

RUSSIA / Branch
Kompozitorov Street. 12A, K. 328
Saint Petersburg, 194355 RUSSIA
Tel : +7 (812) 903 1604
Gsm: +7 (921) 903 1604
oleg.gavrilov@bimedteknik.com