XINGWEI ELECTRIC

PRODUCT CATALOGUE 2026

Cable Glands & Conduit Systems

Cable Glands · Conduit Systems · Explosion-Proof Fittings



Xingwei Electric Co., Ltd.

CE · RoHS · REACH · IP66 / IP68 · Ex db IIC Gb

ABOUT US

Xingwei Electric Co., Ltd.

Xingwei Electric Co., Ltd. is a manufacturer of cable glands, conduit systems and explosion-proof cable entries for industrial, marine and hazardous-area applications.

Our range covers nickel-plated brass, stainless steel and UL-approved nylon cable glands, together with flexible conduit, marine glands and certified explosion-proof fittings. Standard threads include metric (M), PG (DIN 40430), G (PF) and NPT, with custom sizes, materials and thread lengths available on request.

Products are supplied with CE, RoHS and REACH compliance. Explosion-proof products are manufactured and tested to GB3836, IEC60079 and EN60079 series standards, with protection classes up to IP68 and Ex db IIC Gb / Ex tb IIIC Db.

Product range	**11 categories, 55 series**
Thread standards	**Metric · PG · G (PF) · NPT**
Materials	**Brass · Stainless steel · PA66 nylon**
Ingress protection	**IP66 / IP68**
Explosion protection	**Ex db IIC Gb / Ex tb IIIC Db**
Compliance	**CE · RoHS · REACH**

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Brass Cable Gland

BT



Selection Example	XW-BT-M20x1.5(6-12)-Cu
Meaning	Nickel-plated brass semi-through cable gland M20x1.5, cable range 6-12 mm. (Simplified) M20-12: default pitch 1.5 mm; nickel-plated copper material may be omitted.
Thread Specification	Metric, PG, G (PF) and NPT threads
Product Material	Body and parts in nickel-plated brass; claw in nylon PA66; locking parts and sealing ring in nitrile rubber (NBR). High-temperature silicone and acid/alkali-resistant fluororubber are available on request.
Approvals	CE, RoHS
Protection Degree	IP68
Operating Temperature	-40°C to +100°C, short-term up to +120°C (custom versions -60°C to +220°C)
Function	The special clamping claw and clamping ring design provides a wide clamping range and very high tensile strength. Waterproof, dustproof and resistant to salt, weak acid, alcohol, oil and common solvents.
Usage	A waterproof brass cable gland is an accessory fitted to a cable: one end locks the cable and the other end is fitted to a device on an enclosure; an internal-thread electrical device can also be selected according to the entry thread.
Notes	Customization available.

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M	M8x1.25	BT M8-5	2-5	8	6	12/12
	M10x1.5	BT M10-6.5	3-6.5	10	6.5	14/14
	M12x1.5	BT M12-6.5	3-6.5	12	6.5	14/14
		BT M12-8	4-8	12	8	17/14
	M14x1.5	BT M14-8	4-8	14	8	17/17
	M16x1.5	BT M16-8	4-8	16	8	18/18
		BT M16-10	5-10	16	8	20/18
	M18x1.5	BT M18-10	5-10	18	8	20/20
M	M20x1.5	BT M20-12	6-12	20	8	22/22
	M22x1.5	BT M22-14	10-14	22	8	24/24
	M24x1.5	BT M24-14	10-14	24	8.5	24/27
	M25x1.5	BT M25-14	10-14	25	8.5	24/27
		BT M25-16	12-16	25	8.5	27/27
		BT M25-18	13-18	25	8.5	30/27
	M27x1.5	BT M27-18	13-18	27	8.5	30/30
	M28x1.5	BT M28-18	13-18	28	8.5	30/30
	M30x1.5	BT M30-18	13-18	30	8.5	30/32
M	M32x1.5	BT M32-22	15-22	32	10	35/35
	M36x1.5	BT M36-25	18-25	36	10	40/40
	M40x1.5	BT M40-25	18-25	40	11	40/45
		BT M40-30	22-30	40	11	45/45
	M42x1.5	BT M42-30	22-30	42	11	45/45
	M47x1.5	BT M47-33	25-33	47	11	50/50

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
	M48x1.5	BT M48-33	25-33	48	11	50/50
	M50x1.5	BT M50-38	32-38	50	12	57/57
	M54x1.5	BT M54-38	32-38	54	12	57/57
M	M56x1.5	BT M56-38	32-38	56	12	57/59
	M60x1.5	BT M60-44	37-44	60	13	64/64
	M63x1.5	BT M63-44	37-44	63	13	64/68
	M64x2	BT M64-44	37-44	64	13	64/68
	M72x2	BT M72-52	42-52	72	15	78/78
	M75x2	BT M75-52	42-52	75	15	78/98
	M80x2	BT M80-62	55-62	80	15	88/88
	M88x2	BT M88-70	65-70	88	16	94/94
	M100X2	BT M100-84	78-84	100	18	110/110

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
G (PF)	G1/4	BT G1/4-6.5	3-6.5	13.1	7	14/14
	G3/8	BT G3/8-8	4-8	16.6	8	18/18
	G1/2	BT G1/2-12	6-12	20.9	8	22/22
	G3/4	BT G3/4-18	13-18	26.4	9	30/30
	G1	BT G1-25	18-25	33.2	11	40/40
	G11/4	BT G11/4-33	25-33	41.9	13	50/50
	G11/2	BT G1 1/2-38	32-38	47.8	14	57/57
	G2	BT G2-44	37-44	59.6	14	64/64
	G2 1/2	BT G2 1/2-52	42-52	75.1	15	77/77
	G3	BT G3-70	65-70	87.8	15	94/94

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
NPT	NPT1/4	BT NPT1/4-6.5	3-6.5	13.6	7	14/14
	NPT3/8	BT NPT3/8-8	4-8	17	8	18/18
	NPT1/2	BT NPT1/2-12	6-12	21.2	8	22/22
	NPT3/4	BT NPT3/4-18	13-18	26.5	9	30/30
	NPT1	BT NPT1-25	18-25	33.2	11	40/40
	NPT1 1/4	BT NPT1 1/4-33	25-33	41.9	13	50/50
	NPT1 1/2	BT NPT1 1/2-38	32-38	48	14	57/57
	NPT2	BT NPT2-44	37-44	60	14	64/64
	NPT2 1/2	BT NPT2 1/2-52	42-52	72.6	15	77/77
	NPT3	BT NPT3-70	65-70	88.6	15	94/94

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
PG	PG7	BT PG7-6.5	3-6.5	12.5	6.5	14/14
	PG9	BT PG9-8	4-8	15.2	8	17/17
	PG11	BT PG11-10	5-10	18.6	8	20/20
	PG13.5	BT PG13.5-12	6-12	20.4	8	22/22
	PG16	BT PG16-14	10-14	22.5	8	24/24
	PG19	BT PG19-14	10-14	25	8.5	24/27

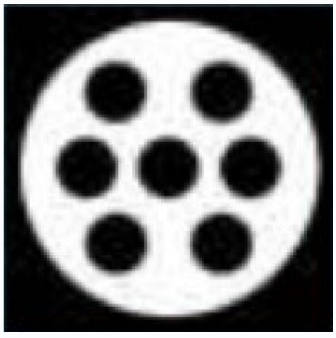
Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
	PG21	BT PG21-18		28.3	8.5	30/30
	PG25	BT PG25-22	15-22	32	10	35/35
	PG29	BT PG29-25	18-25	37	11	40/40
	PG36	BT PG36-33	25-33	47	12	50/50
	PG42	BT PG42-38	32-38	54	13	57/57
	PG48	BT PG48-44	37-44	59.3	14	64/64
	PG63	BT PG63-52	42-52	72	15	7/77

Multiple Cable Gland

DKM







Thread Type	Metric, PG, G (PF) and NPT threads
Product Material	Body and parts in nickel-plated brass; claw in nylon PA66; locking parts and sealing ring in nitrile rubber (NBR). High-temperature silicone and acid/alkali-resistant fluororubber are available on request.
Approvals	CE, RoHS
Protection Degree	IP68
Operating Temperature	-40°C to +100°C, short-term up to +120°C (custom versions -60°C to +220°C)
Function	Multi-hole insert design for routing several cables through one gland. The special clamping claw and clamping ring design provides a wide clamping range and very high tensile strength. Waterproof, dustproof and resistant to salt, weak acid, alcohol, oil and common solvents.
Notes	Customization available.

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M18X1.5	DKM18-0610	6x10	18	8	20/20
M20X1.5	DKM20-0511	5x11	20	8	22/22
M22X1.5	DKM22-0614	6x14	22	9	24/24
M25X1.5	DKM25-0614	6x14	25	9	24/27
M27X1.5	DKM27-0718	7x18	27	9	30/30
M32X1.5	DKM32-0822	8x22	32	10	35/35
PG11	DKPG11-0610	6x10	18.6	8	20/21
PG13.5	DKPG13.5-0511	5x11	20.4	8	22/23
PG16	DKPG16-0614	6x14	22.5	9	24/25
PG21	DKPG21-0718	7x18	28.3	9	30/30
PG29	DKPG29-0822	8x22	37	10	40/40
G1/2	DKPG1/2-0511	5x11	20.9	8	22/23
G3/4	DKPG3/4-0718	7x18	26.4	9	30/30
G1	DKPG1-0822	8x22	33.2	10	40/40

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M12X15	DKM12-H2-03	1.2-3	12	7	14/14

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M16X15	DKM16-H2-04	1.6-4	16	8	18/18
M18X15	DKM18-H2-3.5	2-3.5	18	8	20/20
M20X15	DKM20-H2-5.3	1.5-5.3	20	8	22/22
M22X15	DKM22-H2-06	2.5-6	22	9	24/24
M25X15	DKM25-H2-8.7	4-8.7	25	9	24/27
M27X15	DKM27-H2-8.7	4.5-8.7	27	9	30/30
M32X15	DKM32-H2-10	5-10	32	10	35/35
PG7	DKPG7-H2-2.6	1.2-2.6	12.5	7	14/15
PG9	DKPG9-H2-2.6	1.2-2.6	15.2	8	17/18
PG11	DKPG11-H2-4	1.6-4	18.6	8	20/21
PG13.5	DKPG13.5-H2-5.3	1.5-5.3	20.4	8	22/23
PG16	DKPG16-H2-6	2.5-6	22.5	9	24/25
PG21	DKPG21-H2-8.7	4.5-8.7	28.3	9	30/30
PG29	DKPG29-H2-10	5-10	37	10	40/40
G1/2	DKPG1/2-H2-5.3	1.5-5.3	20.9	8	22/23
G3/4	DKPG3/4-H2-8.7	4.5-8.7	26.4	9	30/30
G1	DKPG1-H2-10	5-10	33.2	10	40/40

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M12X1.5	DKM12-H3-2.6	1.2-2.6	12	7	14/14
M16X1.5	DKM16-H3-2.6	1.2-2.6	16	8	18/18
M18X1.5	DKM18-H3-4	1.6-4	18	8	20/20
M20X1.5	DKM20-H3-5	2-5	20	8	22/22
M22X1.5	DKM22-H3-3.5	1.5-3.5	22	9	24/24
M25X1.5	DKM25-H3-8	4-8	25	9	24/27
M27X1.5	DKM27-H3-5	2-5	27	9	30/30
M32X1.5	DKM32-H3-10	5-10	32	10	35/35
PG7	DKPG7-H3-2.6	1.2-2.6	12.5	7	14/15
PG9	DKPG9-H3-2.6	1.2-2.6	15.2	8	17/18
PG11	DKPG11-H3-4	1.6-4	18.6	8	20/21
PG13.5	DKPG13.5-H3-3.5	1.5-3.5	20.4	8	22/23
PG16	DKPG16-H3-3.5	1.5-3.5	22.5	9	24/25
PG21	DKPG21-H3-5	2-5	28.3	9	30/30
PG29	DKPG29-H3-10	5-10	37	10	40/40
G1/2	DKG1/2-H3-5	2-5	20.9	8	22/23
G3/4	DKG3/4-H3-5	2-5	26.4	9	30/30
G1	DKG1-H3-10	5-10	33.2	10	40/40

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M12X1.5	DKM12-H4-2.3	1-2.3	12	7	14/14
M16X1.5	DKM16-H4-2.3	1-2.3	16	8	18/18
M18X1.5	DKM18-H4-3	1.2-3	18	8	20/20
M20X1.5	DKM20-H4-4.2	1.7-4.2	20	8	22/22
M22X1.5	DKM22-H4-4.5	2-4.5	22	9	24/24

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M25X1.5	DKM25-H4-5	2-5	25	9	24/27
M27X1.5	DKM27-H4-7	3.5-7	27	9	30/30
M32X1.5	DKM32-H4-9	4.5-9	32	10	35/35
PG7	DKPG7-H4-2.3	1-2.3	12.5	7	14/15
PG9	DKPG9-H4-2.3	1-2.3	15.2	8	17/18
PG11	DKPG11-H4-3	1.2-3	18.6	8	20/21
PG13.5	DKPG13.5-H4-4.2	1.7-4.2	20.4	8	22/23
PG16	DKPG16-H4-4.5	2-4.5	22.5	9	24/25
PG21	DKPG21-H4-7	3.5-7	28.3	9	30/30
PG29	DKPG29-H4-9	4.5-9	37	10	40/40
G1/2	DKG1/2-H4-4.2	1.7-4.2	20.9	8	22/23
G3/4	DKG3/4-H4-7	3.5-7	26.4	9	30/30
G1	DKG1-H4-9	4.5-9	33.2	10	40/40

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M16X1.5	DKM16-H5-2.6	1.5-2.6	16	8	18/18
M18X1.5	DKM18-H5-3	1.2-3	18	8	20/20
M20X1.5	DKM20-H5-5.3	1.5-5.3	20	8	22/22
M25X1.5	DKM25-H5-3.5	1.5-3.5	25	9	24/27
M27X1.5	DKM27-H5-3.5	1.5-3.5	27	9	30/30
M32X1.5	DKM32-H5-8	4-8	32	10	35/35
PG9	DKPG9-H5-2.5	1-2.5	15.2	8	17/18
PG11	DKPG11-H5-2.6	1.5-2.6	18.6	8	20/21
PG13.5	DKPG13.5-H5-4.2	1.7-4.2	20.4	8	22/23
PG21	DKPG21-H5-3.5	1.5-3.5	28.3	9	30/30
PG29	DKPG29-H5-8	4-8	37	10	40/40
G1/2	DKG1/2-H5-3	1.2-3	20.9	8	22/23
G3/4	DKG3/4-H5-3.5	1.5-3.5	26.4	9	30/30
G1	DKG1-H5-8	4-8	33.2	10	40/40

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M16X1.5	DKM16-H6-2	1-2	16	8	18/18
M18X1.5	DKM18-H6-2.2	1-2.2	18	8	20/20
M20X1.5	DKM20-H6-3	1.2-3	20	8	22/22
M25X1.5	DKM25-H65-3.4	1.5-3.4	25	9	24/27
M27X1.5	DKM27-H6-3.4	1.5-3.4	27	9	30/30
M32X1.5	DKM32-H6-7	3.5-7	32	10	35/35
PG9	DKPG9-H6-2	1-2	15.2	8	17/18
PG11	DKPG11-H6-2.2	1-2.2	18.6	8	20/21
PG21	DKPG21-H6-3.5	1.5-3.5	28.3	9	30/30
PG29	DKPG29-H6-7	3.5-7	37	10	40/40
G1/2	DKG1/2-H6-3	1.2-3	20.9	8	22/23
G3/4	DKG3/4-H6-3.5	1.5-3.5	26.4	9	30/30
G1	DKG1-H6-7	3.5-7	33.2	10	40/40

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M20X1.5	DKM20-H7-3	1.2-3	20	8	22/22
M25X1.5	DKM25-H7-3.5	1.5-3.5	25	9	24/27
M27X1.5	DKM27-H7-3.5	1.5-3.5	27	9	30/30
M32X1.5	DKM32-H7-6	3-6	32	10	35/35
PG21	DKPG21-H7-3.5	1.5-3.5	28.3	9	30/30
PG29	DKPG29-H7-6	3-6	37	10	40/40
G1/2	DKG1/2-H7-3	1.2-3	20.9	8	22/23
G3/4	DKG3/4-H7-3.5	1.5-3.5	26.4	9	30/30
G1	DKG1-H7-6	3-6	33.2	10	40/40

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M20X1.5	DKM20-H8-3	1.2-3	20	8	22/22
M25X1.5	DKM25-H8-3.5	1.5-3.5	25	9	24/27
M27X1.5	DKM27-H8-3.5	1.5-3.5	27	9	30/30
G1/2	DKG1/2-H8-3	1.2-3	20.9	8	22/23
G3/4	DKG3/4-H8-3.5	1.5-3.5	26.4	9	30/30

Straight-Through Brass Cable Gland

Zt



Selection Example	XW-Zt.-M20x1.5(6-12)-Cu
Meaning	Nickel-plated brass straight-through cable gland M20x1.5, cable range 6-12 mm. (Simplified) Zt.M20-12: default pitch 1.5 mm; material may be omitted.
Thread Specification	Metric, PG, G (PF) and NPT threads
Product Material	Body and parts in nickel-plated brass; claw in nylon PA66; locking parts and sealing ring in nitrile rubber (NBR). High-temperature silicone and acid/alkali-resistant fluororubber are available on request.
Approvals	CE, RoHS
Protection Degree	IP68
Operating Temperature	-40°C to +100°C, short-term up to +120°C (custom versions -60°C to +220°C)
Function	The special clamping claw and clamping ring design provides a wide clamping range and very high tensile strength. Waterproof, dustproof and resistant to salt, weak acid, alcohol, oil and common solvents.
Usage	A waterproof brass cable gland is an accessory fitted to a cable: one end locks the cable and the other end is fitted to a device on an enclosure; an internal-thread electrical device can also be selected according to the entry thread.
Notes	Customization available.

Thread Type	Thread Size	Model	Cable Range (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M	M8x1.25	Zt.M8-4	2-4	8	5	11/11
	M10x1.5	Zt.M10-6.5	3-6.5	10	5	14/14
	M12x1.5	Zt.M12-6.5	3-6.5	12	7	14/14
		Zt.M12-8	4-8	12	7	17/14
	M14x1.5	Zt.M14-8	4-8	14	7	17/17
	M16x1.5	Zt.M16-8	4-8	16	8	18/18
		Zt.M16-10	5-10	16	8	20/18
	M18x1.5	Zt.M18-10	5-10	18	8	20/20
	M20x1.5	Zt.M20-12	6-12	20	8	22/22
	M22x1.5	Zt.M22-14	10-14	22	8	24/24
M	M24x1.5	Zt.M24-14	10-14	24	9	24/27
	M25x1.5	Zt.M25-14	10-14	25	9	24/27
		Zt.M25-18	13-18	25	9	30/27
	M27x1.5	Zt.M27-18	13-18	27	9	30/30
	M28x1.5	Zt.M28-18	13-18	28	9	30/30
	M30x1.5	Zt.M30-18	13-18	30	9	30/32
	M32x1.5	Zt.M32-22	15-22	32	10	35/35
		Zt.M32-25	18-25	32	10	40/35
M	M33x1.5	Zt.M33-22	15-22	33	10	35/35
	M36x1.5	Zt.M36-25	18-25	36	10	40/40
	M37x1.5	Zt.M37-25	18-25	37	10	40/40
	M40x1.5	Zt.M40-25	18-25	40	11	40/45
		Zt.M40-30	22-30	40	11	45/45

Thread Type	Thread Size	Model	Cable Range (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
	M42x1.5	Zt.M42-30	22-30	42	11	45/45
	M47x1.5	Zt.M47-33	25-33	47	11	50/50
	M48x1.5	Zt.M48-33	25-33	48	11	50/50
	M50x1.5	Zt.M50-38	32-38	50	12	57/55
	M54x1.5	Zt.M54-38	32-38	54	12	57/57
M	M56x1.5	Zt.M56-38	32-38	56	12	57/59
	M60x1.5	Zt.M60-44	37-44	60	13	64/68
	M63x1.5	Zt.M63-44	37-44	63	13	64/68
	M64x2	Zt.M64-44	37-44	64	13	64/68
	MT2x2	Zt.M72-52	42-52	72	15	77/77
	MT5x2	Zt.M75-52	42-52	75	15	77/77
	M80x2	Zt.M80-62	55-62	80	15	90/90
	M88x2	Zt.M88-70	65-70	88	15	94/94
	M100X2	Zt.M100-84	78-84	100	15	110/110

Thread Type	Thread Size	Model	Cable Range (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
PG	PG7	Zt.PG7-6.5	3-6.5	12.5	7	14/14
	PG9	Zt.PG9-8	4-8	15.2	8	17/17
	PG11	Zt.PG11-10	5-10	18.6	8	20/20
	PG135	Zt.PG13.5-12	6-12	20.4	8	22/22
	PG16	Zt.PG16-14	10-14	22.5	9	24/24
	PG19	Zt.PG19-14	10-14	25	9	24/27
	PG21	Zt.PG21-18	13-18	28.3	9	30/30
	PG25	Zt.PG25-22	15-22	32	10	35/35
	PG29	Zt.PG29-25	18-25	37	11	40/40
	PG36	Zt.PG36-33	25-33	47	12	50/50
	PG42	Zt.PG42-38	32-38	54	13	57/57
	PG48	Zt.PG48-44	37-44	59.3	14	64/64
	PG63	Zt.PG63-52	42-52	72	15	77/77

Thread Type	Thread Size	Model	Cable Range (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
G(PF)	G1/4	Zt.G1/4-6.5	3-6.5	13.1	7	14/14
	G3/8	Zt.G3/8-8	4-8	16.6	8	18/18
	G1/2	Zt.G1/2-12	6-12	20.9	8	22/22
	G3/4	Zt.G3/4-18	13-18	26.4	9	30/30
	G1	Zt.G1-25	18-25	33.2	11	40/40
	G1 1/4	Zt.G1 1/4-33	25-33	41.9	13	50/50
	G1 1/2	Zt.G1 G1/2-38	32-38	47.8	14	57/57
	G2	Zt.G2-44	37-44	59.6	14	64/64
	G2 1/2	Zt.G2 1/2-52	42-52	75.1	15	77/77
	G3	Zt.G3-70	65-70	87.8	15	94/94

Thread Type	Thread Size	Model	Cable Range (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
NPT	NPT1/4	Zt.NPT1/4-6.5	3-6.5	13.6	7	14/14

Thread Type	Thread Size	Model	Cable Range (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
	NPT3/8	Zt.NPT3/8-8	4-8	17	8	18/18
	NPT1/2	Zt.NPT1/2-12	6-12	21.2	8	22/22
	NPT3/4	Zt.NPT3/4-18	13-18	26.5	9	30/30
	NPT1	Zt.NPT1-25	18-25	33.2	11	40/40
	NPT1 1/4	Zt.NPT1 1/4-33	25-33	41.9	13	50/50
	NPT1 1/2	Zt.NPT1 1/2-38	32-38	48	14	57/57
	NPT2	Zt.NPT2-44	37-44	60	14	64/64
	NPT2 1/2	Zt.NPT2 1/2-52	42-52	72.6	15	7/77
	NPT3	Zt.G3-70	65-70	88.6	15	94/94

EMC Brass Cable Gland

EMC



Selection Example	XW-EMC.M20x1.5(6-12)-Cu
Meaning	Nickel-plated brass EMC (anti-magnetic) cable gland M20x1.5, cable range 6-12 mm.
Thread Specification	Metric, PG, G (PF) and NPT threads
Product Material	Body and parts in nickel-plated brass; claw in nylon PA66; locking parts and sealing ring in nitrile rubber (NBR). High-temperature silicone and acid/alkali-resistant fluororubber are available on request.
Approvals	CE, RoHS
Protection Degree	IP68
Operating Temperature	-40°C to +100°C, short-term up to +120°C (custom versions -60°C to +220°C)
Function	Provides effective shielding against electromagnetic interference (EMI) with a low transfer impedance. The special clamping claw and clamping ring design provides a wide clamping range and very high tensile strength. Waterproof, dustproof and resistant to salt, weak acid, alcohol, oil and common solvents.
Notes	Customization available.

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M	M8x1.25	EMC.M8-4	2-4	8	5	11/11
	M10x1.5	EMC.M10-6.5	3-6.5	10	6.5	14/14
	M12x1.5	EMC.M12-6.5	3-6.5	12	6.5	14/14
		EMC.M12-8	4-8	12	6.5	17/14
	M14x1.5	EMC.M12-8	4-8	14	7	17/17
	M16x1.5	EMC.M16-8	4-8	16	8	18/18
		EMC.M16-10	5-10	16	8	20/18
	M18x1.5	EMC.M18-10	5-10	18	8	20/20
	M20x1.5	EMC.M20-12	6-12	20	8	22/22
	M22x1.5	EMC.M22-14	10-14	22	8	24/24
	M24x1.5	EMC.M24-14	10-14	24	9	24/27
	M25x1.5	EMC.M25-14	10-14	25	9	24/27
M		EMC.M25-18	13-18	25	9	30/27
	M27x1.5	EMC.M27-18	13-18	27	9	30/30
	M28x1.5	EMC.M28-18	13-18	28	9	30/30
	M30x1.5	EMC.M30-18	13-18	30	9	30/32
	M32x1.5	EMC.M32-22	15-22	32	10	35/35
	M33x1.5	EMC.M33-1.5	15-22	33	10	35/35
	M36x1.5	EMC.M36-1.5	18-25	36	10	40/40
	M37x1.5	EMC.M37-1.5	18-25	37	10	40/40
	M40x1.5	EMC.M40-25	18-25	40	11	40/45
		EMC.M40-30	22-30	40	11	45/45
	M42x1.5	EMC.M42-30	22-30	42	11	45/45
	M47x1.5	EMC.M47-33	25-33	47	11	50/50
M	M48x1.5	EMC.M48-33	25-33	48	11	50/50
	M50x1.5	EMC.M50-38	32-38	50	12	57/55

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
	M54x1.5	EMC.M54-38	32-38	54	12	57/57
	M56x1.5	EMC.M56-38	32-38	56	12	57/59
	M60x1.5	EMC.M60-44	37-44	60	13	64/64
	M63x1.5	EMC.M63-44	37-44	63	13	64/68
	M64x2	EMC.M64-44	37-44	64	13	64/68
	M72x2	EMC.M72-52	42-52	72	15	78/78
	M75x2	EMC.M75-52	42-52	75	15	78/80
	M80x2	EMC.M80-62	55-62	80	15	88/88
	M88x2	EMC.M88-70	65-70	88	15	94/94
	M100X2	EMC.M100-84	78-84	100	15	110/110

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
PG	PG7	EMC.PG7-6.5	3-6.5	12.5	7	14/14
		EMC.PG7-5	2-5	12.5	7	14/14
	PG9	EMC.PG9-8	4-8	15.2	8	17/17
		EMC.PG9-6	2-6	15.2	8	17/17
	PG11	EMC.PG11-10	5-10	18.6	8	20/20
		EMC.PG11-7	3-7	18.6	8	20/20

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
PG	PG13.5	EMC.PG13.5-12	6-12	20.4	8	22/22
		EMC.PG13.5-9	5-9	20.4	8	22/22
	PG16	EMC.PG16-14	10-14	22.5	9	24/24
		EMC.PG16-12	6-12	22.5	9	24/24
	PG19	EMC.PG19-14	10-14	25	9	24/27
	PG21	EMC.PG21-18	13-18	28.3	9	30/30
		EMC.PG21-16	9-16	28.3	9	30/30
PG	PG25	EMC.PG25-22	15-22	32	10	35/35
	PG29	EMC.PG29-25	18-25	37	11	40/40
		EMC.PG29-20	13-20	37	11	40/40
	PG36	EMC.PG36-33	25-33	47	12	50/50
		EMC.PG36-26	20-26	47	12	50/50
	PG42	EMC.PG42-38	32-38	54	13	57/57
		EMC.PG42-31	25-31	54	13	57/57
	PG48	EMC.PG48-44	37-44	59.3	14	64/64
		EMC.PG48-35	29-35	59.3	14	64/64
	PG63	EMC.PG63-52	42-52	72	15	77/77

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
G(PF)	G1/4	EMC.G1/4-6.5	3-6.5	13.1	7	14/14
	G3/8	EMC.G3/8-8	4-8	16.6	8	18/18
	G1/2	EMC.G1/2-12	6-12	20.9	8	22/22
	G3/4	EMC.G3/4-18	13-18	26.4	9	30/30
	G1	EMC.G1-25	18-25	33.2	11	40/40

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
	G1 1/4	EMC.G1 1/4-33	25-33	41.9	13	50/50
	G1 1/2	EMC.G1 1/2-38	32-38	47.8	14	57/57
	G2	EMC.G2-44	37-44	59.6	14	64/64
	G2 1/2	EMC.G2 1/2-52	42-52	75.1	15	77/77
	G3	EMC.G2-70	65-70	87.8	15	94/94

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
NPT	NPT1/4	EMC.NPT1/4-6.5	3-6.5	13.6	7	14/14
	NPT3/8	EMC.NPT3/8-8	4-8	17	8	18/18
	NPT1/2	EMC.NPT1/2-12	6-12	21.2	8	22/22
	NPT3/4	EMC.NPT3/4-18	13-18	26.5	9	30/30
	NPT1	EMC.NPT1-25	18-25	33.2	11	40/40
	NPT1 1/4	EMC.NPT1 1/4-33	25-33	41.9	13	50/50
	NPT1 1/2	EMC.NPT1 1/2-38	32-38	48	14	57/57
	NPT2	EMC.NPT2-44	37-44	60	14	64/64
	NPT2 1/2	EMC.NPT2 1/2-52	42-52	72.6	15	77/77
	NPT3	EMC.NPT3-70	65-70	88.6	15	94/94

Stainless Steel Cable Gland

BT-SS



Selection Example	XW-BT.M20x1.5(6-12)-Ss
Meaning	Stainless steel shielded anti-magnetic cable gland, thread M20x1.5, cable range 6-12 mm. (Simplified) M20-12.Ss: default pitch 1.5 mm if not specified.
Thread Specification	Metric, PG, G (PF) and NPT threads
Product Material	Body and parts in 304 stainless steel (316L available); claw in nylon PA66; locking parts and sealing ring in nitrile rubber (NBR).
Approvals	CE, RoHS
Protection Degree	IP68
Operating Temperature	-40°C to +100°C, short-term up to +120°C
Function	Excellent corrosion resistance for harsh and marine environments. The special clamping claw and clamping ring design provides a wide clamping range and very high tensile strength. Waterproof, dustproof and resistant to salt, weak acid, alcohol, oil and common solvents.
Usage	A waterproof brass cable gland is an accessory fitted to a cable: one end locks the cable and the other end is fitted to a device on an enclosure; an internal-thread electrical device can also be selected according to the entry thread.
Notes	Customization available.

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M	M12x1.5	BT M12-6.5	3-6.5	12	7	14/14
		BT M12-8	4-8	12	7	17/14
	M14x1.5	BT M14-8	4-8	14	7	17/17
	M16x1.5	BT M16-8	4-8	16	8	18/18
		BT M16-10	5-10	16	8	20/18
	M18x1.5	BT M18-10	5-10	18	8	20/20
	M20x1.5	BT M20-12	6-12	20	8	22/22
	M22x1.5	BT M22-14	10-14	22	8	24/24
	M24x1.5	BT M24-14	10-14	24	9	24/27
	M25x1.5	BT M25-14	10-14	25	9	24/27
		BT M25-18	13-18	25	9	30/27
	M27x1.5	BT M27-18	13-18	27	9	30/30
	M28x1.5	BT M28-18	13-18	28	9	30/30
M	M30x1.5	BT M30-18	13-18	30	9	30/32
	M32x1.5	BT M32-22	15-22	32	10	35/35
	M33x1.5	BT M33-22	15-22	33	10	35/35
	M36x1.5	BT M36-25	18-25	36	10	40/40
	M37x1.5	BT M37-25	18-25	37	10	40/40
	M40x1.5	BT M40-25	18-25	40	11	40/45
		BT M40-30	22-30	40	11	45/45
	M42x1.5	BT M42-30	22-30	42	11	45/45
	M47x1.5	BT M47-33	25-33	47	11	50/52
	M48x1.5	BT M48-33	25-33	48	11	50/52

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
	M50x1.5	BT M50-38	32-38	50	12	57/55
	M54x1.5	BT M54-38	32-38	54	12	57/57
	M56x1.5	BT M56-38	32-38	56	12	57/59
	M60x1.5	BT M60-44	37-44	60	13	64/64
	M63x1.5	BT M63-44	37-44	63	13	64/68
	M64x2	BT M64-44	37-44	64	13	64/68
	M72x2	BT M72-52	42-52	72	15	78/78
	M75x2	BT M75-52	42-52	75	15	78/78
	M80x2	BT M80-62	55-62	80	15	88/88
	M88x2	BT M88-70	65-70	88	15	94/94
	M100X2	BT M100-84	78-84	100	15	110/110

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
G1/4	BT G1/4-6.5	3-6.5	13.1	7	14/14
G3/8	BT G3/8-8	4-8	16.6	8	18/18
G1/2	BT G1/2-12	6-12	20.9	8	22/22
G3/4	BT G3/4-18	13-18	26.4	9	30/30
G1	BT G1-25	18-25	33.2	11	40/40
G1 1/4	BT G1 1/4-33	25-33	41.9	13	50/50
G1 1/2	BT G1 1/2-38	32-38	47.8	14	57/57

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
NPT	NPT1/4	BT NPT1/4-6.5	3-6.5	13.6	7	14/14
	NPT3/8	BT NPT3/8-8	4-8	17	8	18/18
	NPT1/2	BT NPT1/2-12	6-12	21.2	8	22/22
	NPT3/4	BT NPT3/4-18	13-18	26.5	9	30/30
	NPT1	BT NPT1-25	18-25	33.2	11	40/40
	NPT1 1/4	BT NPT11/4-33	25-33	41.9	13	50/50
	NPT1 1/2	BT NPT11/2-38	32-38	48	14	57/57
	NPT2	BT NPT2-44	37-44	60	14	64/64
	NPT2 1/2	BT NPT21/2-52	42-52	72.6	15	77/77
	NPT3	BT NPT3-70	65-70	88.6	15	94/94

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
PG	PG7	BT PG7-6.5	3-6.5	12.5	7	14/14
		BT PG7-5	2-5	12.5	7	14/14
	PG9	BT PG9-8	4-8	15.2	8	17/17
		BT PG9-6	2-6	15.2	8	17/17
	PG11	BT PG11-10	5-10	18.6	8	20/20
		BT PG11-7	3-7	18.6	8	20/20
	PG13.5	BT PG13.5-12	6-12	20.4	8	22/22
		BT PG13.5-9	5-9	20.4	8	22/22
	PG16	BT PG16-14	10-14	22.5	9	24/24
		BT PG16-12	6-12	22.5	9	24/24

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
	PG19	BT PG19-14	10-14	25	9	24/27
	PG21	BT PG21-18	13-18	28.3	9	30/30
PG		BT PG21-16	9-16	28.3	9	30/30
	PG25	BT PG25-22	15-22	32	10	35/35
	PG29	BT PG29-25	18-25	37	11	40/40
		BT PG29-20	13-20	37	11	40/40
	PG36	BT PG36-33	25-33	47	12	50/50
		BT PG36-26	20-26	47	12	50/50
	PG42	BT PG42-38	32-38	54	13	57/57
		BT PG42-31	25-31	54	13	57/57
	PG48	BT PG48-44	37-44	59.3	14	64/64
		BT PG48-35	29-35	59.3	14	64/64
	PG63	BT PG63-52	42-52	72	15	77/77

Metal Cable Gland - Single Lock

SJM



Material	• Nickel-plated brass • Claw: Nylon PA66, UL94-V2
Sealing	NBR、Silicon rubber O-Ring: NBR、Silicon rubber
Protection Degree	IP68-10bar
Temperature	Static state:-40°Cto 100°C, short-term to 120°C;Dynamic state:-20°Cto 80 °Cshort time to 100°C

Model	Thread Size	Cable Range Φ (mm)	Thread Length (mm)	Thread O.D. (mm)	Total Length (mm)	Spanner Size (mm)
DSJM16-6.5	M16x1.5	3-6.5	6.5	12	25	14
DSJM16-8		4-8	8	12	27	17/14
DSJM18-6	M18x1.5	3-6	8	16	27	18
DSJM18-8		4-8	8	16	27	18
DSJM18-10		5-10	8	16	29	20/18
DSJM18-10	M18x1.5	5-10	8	18	29	20
DSJM20-12	M20x1.5	6-12	8	20	31	22
DSJM20-14		10-14	8	20	31	24/22
DSJM25-14	M25x1.5	10-14	9	25	37	24/27
DSJM25-16		12-16	9	25	37	27
DSJM25-18		13-18	9	25	37	30/27
DSJM32-22	M32x1.5	15-22	10	32	42	35
DSJM32-25		18-25	10	32	42	40/35
DSJM40-25	M40x1.5	18-25	11	40	48	40/35
DSJM40-30		22-30	11	40	48	45
DSJM40-33	M50x1.5	25-33	11	40	48	50/45
DSJM50-38		32-38	13	50	50	57/55
DSJM63-44	M63x1.5	37-44	14	63	51	64/68
DSJM63-52		42-52	14	63	51	78/68

Metal Cable Gland - Double Lock

SSJM



Material	• Nickel-plated brass • Claw: Nylon PA66, UL94-V2
Sealing	NBR、Silicon rubber O-Ring: NBR、Silicon rubber
Protection Degree	IP68-10 bal
Temperature	Static state:-40°Cto 100°C, short-term to 120°C;Dynamic state:-20°Cto 80°C, short-term to 100°C

Model	Thread Size	Cable Range Φ (mm)	Thread Length (mm)	Thread O.D. (mm)	Total Length (mm)	Spanner Size (mm)
SSJM16-6.5	M16x1.5	3-6.5	6.5	12	25	14
SSJM16-8		4-8	8	12	27	17/14
SSJM18-6	M18x1.5	3-6	8	16	27	18
SSJM18-8		4-8	8	16	27	18
SSJM18-10		5-10	8	16	29	20/18
SSJM20-12	M20x1.5	6-12	8	20	31	22
SSJM20-14		10-14	9	25	37	24/27
SSJM25-14	M25x1.5	10-14	9	25	37	24/27
SSJM25-16		12-16	9	25	37	24/27
SSJM25-18		13-18	9	25	37	30/27
SSJM32-22	M32x1.5	17-22	10	32	42	40/35
SSJM32-25		18-25	10	32	42	40/35
SSJM40-25	M40x1.5	18-25	10	32	42	40/35
SSJM40-30		22-30	11	40	48	45
SSJM40-33		25-33	11	40	48	45
SSJM50-38	M50x1.5	32-38	13	50	50	57/55
SSJM63-44	M63x1.5	37-44	13	50	50	57/55
SSJM63-52		42-52	14	63	51	78/68

Nylon Cable Gland

NG



Thread Specification	Metric, PG, G (PF) and NPT threads
Product Material	Cap, body and lock nut in UL-approved nylon PA66; claw in nylon PA66
Sealing Ring	Nitrile rubber (NBR)
Protection Degree	IP68
Operating Temperature	-40°C to +100°C static, short-term up to +120°C; -20°C to +80°C dynamic, short-term up to +100°C
Product Features	Special clamping claw and sealing ring design; wide clamping range and excellent tensile strength. Resistant to water, dust, salt, weak acid, alcohol, oil and common solvents.

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M	M8X1.25	NLM8-4	2-4	8.0	8	12/13
	M10X1.5	NLM10-6.5	3-6.5	10.0	8	13/15
		NLM10-3	1.5-3	10.0	8	13/15
	M12x1.5	NLM12-6.5	3-6.5	12.0	8	16/18
		NLM12-5	2-5	12.0	8	16/18
	M14x1.5	NLM14-7	2-7	14.0	8	18/20
	M16x1.5	NLM16-8	4-8	16.0	8	19/22
		NLM16-6	2-6	16.0	8	19/22
	M18x1.5	NLM18-10	5-10	18.0	8	22/24
		NLM18-7	3-7	18.0	8	22/24
M	M20x1.5	NLM20-12	6-12	20.0	9	24/27
		NLM20-9	5-9	20.0	9	24/27
	M22x1.5	NLM22-14	10-14	22.0	10	27/30
		NLM22-12	7-12	22.0	10	27/30
	M24x1.5	NLM24-15	12-15	24.0	10	28/30
		NLM24-12	7-12	24.0	10	28/30
	M25x1.5	NLM25-18	13-18	25.0	10	28/31
		NLM25-16	9-16	25.0	10	28/31
	M27x1.5	NLM27-18	13-18	27.0	10	33/35
		NLM27-16	9-16	27.0	10	33/35
M	M28X1.5	NLM28-18	13-18	28.0	11	33/35
		NLM28-16	9-16	28.0	11	33/35
	M30x1.5	NLM30-21	16-21	30.0	11	35/36
		NLM30-18	13-18	30.0	11	35/36
	M32x1.5	NLM32-21	16-21	32.0	12	35/36
		NLM32-18	13-18	32.0	12	35/36
	M33X1.5	NLM33-20	12-20	33.0	12	36/41
	M36X1.5	NLM36-25	18-25	36.0	12	43/44
		NLM36-20	13-20	36.0	12	43/44
	M36X2	NLM36-25	16-25	36.0	12	43/44

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M	M40x1.5	NLM40-32	22-32	40.0	14	52/53
		NLM40-26	20-26	40.0	14	52/53
	M46X1.5	NLM46-32	22-32	46.0	15	52/28
		NLM46-26	20-26	46.0	15	52/58
	M48X2	NLM48-33	22-33	48.0	14	52/58
	M50x1.5	NLM50-38	32-38	50.0	14	57/61
		NLM50-31	25-31	50.0	18	57/61
	M56X2	NLM56-41	29-41	56.0	18	62/70
	M58X1.5	NLM58-44	37-44	63.0	18	64/72
		NLM58-35	29-35	63.0	18	64/72
	M63x1.5	NLM63-44	37-44	63.0	14	67/70
		NLM63-35	29-35	63.0	18	67/70
	M70X2	NLM70-52	42-52	70.0	20	77/83
	M71X1.5	NLM71-50	42-50	71.0	30	77/83
		NLM71-40	32-40	71.0	30	77/83
PG	PG7	NLPG7-6.5	3-6.5	12.5	15	16/18
		NLPG7-5	2-5	12.5	15	16/18
	PG9	NLPG9-8	4-8	15.2	15	19/22
		NLPG9-6	2-6	15.2	15	19/22
	PG11	NLPG11-10	5-10	18.6	15	22/24
		NLPG11-7	3-7	18.6	15	22/24
PG	PG13.5	NLPG13.5-12	6-12	20.4	15	24/27
		NLPG13.5-9	5-9	20.4	15	24/27
	PG16	NLPG16-14	10-14	22.5	15	27/30
		NLPG16-12	7-12	22.5	15	27/30
	PG19	NLPG19-15	12-15	25.0	15	27/30
		NLPG19-12	10-12	25.0	15	27/30
PG	PG21	NLPG21-18	13-18	28.3	10	33/35
		NLPG21-16	9-16	28.3	15	33/35
	PG25	NLPG25-21	16-21	32.0	15	35/37
		NLPG25-18	13-18	32.0	15	35/37
	PG29	NLPG29-25	18-25	37.0	15	41/42
		NLPG29-20	13-20	37.0	15	42/46

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
PG	PG36	NLPG36-32	22-32	47.0	18	52/53
		NLPG36-26	20-26	47.0	18	52/58
	PG42	NLPG42-38	32-38	54.0	20	60/61
		NLPG42-31	25-31	54.0	20	60/64
	PG48	NLPG48-44	37-44	59.3	20	64/65
		NLPG48-35	29-35	59.3	20	62/69
	PG63	NLPG63-50	42-50	72.0	20	72
		NLPG63-40	32-40	72.0	20	77/83
G	G1/4	NLG1/4-8	4.5-8	13.1	9	19/19

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
		NLG1/4-5.3	3-5.3	13.1	9	19/19
	G3/8	NLG3/8-10	6-10	16.6	10	22/22
		NLG3/8-7	4-7	16.6	10	22/22
	G1/2	NLG1/2-14	9-14	20.9	10	27/27
		NLG1/2-11	6-11	20.9	10	27/27
	G3/4	NLG3/4-18	13-18	26.4	12	33/33
		NLG3/4-16	10-16	26.4	12	33/33
	G1	NLG1-25	18-25	33.2	15	43/41
		NLG1-11	15-22	33.2	15	43/41
	G11/4	NLG1 1/4-30	24-30	41.9	15	55/50
		NLG1 1/4-25	20-25	41.9	15	55/50
	G11/2	NLG1 1/2-41	31-41	48.0	20	57/62
		NLG1 1/2-32	26-32	48.0	20	57/62
	G2	NLG2-51	44-51	60.0	20	70/75
		NLG2-46	40-46	60.0	20	70/75
	G3	NLG3-77	66-77	88.0	25	110/110
		NLG3-68	58-68	88.0	25	110/110
NPT	NPT3/8	NLNPT3/8-10	6-10	17.1	15	22
		NLNPT3/8-8	4-8	17.1	15	22
	NPT1/2	NLNPT1/2-14	8-14	21.3	15	27
		NLNPT1/2-11	6-11	21.3	15	27
	NPT3/4	NLNPT3/4-18	12-18	26.6	15	33
		NLNPT3/4-16	10-16	26.6	15	33
	NPT1	NLNPT1-25	18-25	33.5	17	41
		NLNPT1-22	16-22	33.5	17	41
	NPT11/4	NLNPT1 1/4-32	24-32	42.0	17	50
		NLNPT1 1/4-25	20-25	42.0	17	50
	NPT11/2	NLNPT1 1/2-32	22-32	48.0	17	57
		NLNPT1 1/2-26	20-26	48.0	17	57

Nylon Cable Gland - Long Thread

NG-L





Thread Specification	Metric, PG, G (PF) and NPT threads
Product Material	Cap, body and lock nut in UL-approved nylon PA66; claw in nylon PA66
Sealing Ring	Nitrile rubber (NBR)
Protection Degree	IP68
Operating Temperature	-40°C to +100°C static, short-term up to +120°C; -20°C to +80°C dynamic, short-term up to +100°C
Product Features	Special clamping claw and sealing ring design; wide clamping range and excellent tensile strength. Resistant to water, dust, salt, weak acid, alcohol, oil and common solvents.

Thread Type	Thread Size	Model	Cable Range (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M	M12x1.5	NLM12-8	4-8	12	15	19/18
		NLM12-6	2-6	12	15	19/18
	M16X1.5	NLM16-10	5-10	16	15	22/22
		NLM16-7	3-7	16	15	22/22
	M20x1.5	NLM20-14	10-14	20	15	27/27
		NLM20-12	7-12	20	15	27/27
	M25x1.5	NLM25-18	13-18	25	15	28/31
		NLM25-16	9-16	25	15	28/31
M	M32X1.5	NLM32-25	18-25	32	15	41/36
		NLM32-20	13-20	32	15	41/36
	M40x1.5	NLM40-32	22-32	40	18	52/53
		NLM40-26	20-26	40	18	52/53
	M50x1.5	NLM50-38	32-38	50	18	57/61
		NLM50-31	25-31	50	18	57/61
	M63x1.5	NLM63-44	37-44	63	19	67/70
		NLM63-35	29-35	63	19	67/70
PG	PG7	NLPG7-6.5	3-6.5	12.5	15	16/18
		NLPG7-5	2-5	12.5	15	16/18

Thread Type	Thread Size	Model	Cable Range (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
PG	PG9	NLPG9-8	4-8	15.2	15	19/22
		NLPG9-6	2-6	15.2	15	19/22
	PG11	NLPG11-10	5-10	18.6	15	22/24
		NLPG11-7	3-7	18.6	15	22/24
	PG13.5	NLPG13.5-12	6-12	20.4	15	24/27

Thread Type	Thread Size	Model	Cable Range (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
		NLPG13.5-9	5-9	20.4	15	24/27
	PG16	NLPG16-14	10-14	22.5	15	27/30
		NLPG16-12	7-12	22.5	15	27/30
	PG19	NLPG19-15	12-15	25	15	27/30
		NLPG19-12	10-12	25	15	27/30
	PG21	NLPG21-18	13-18	28.3	10	33/35
		NLPG21-16	9-16	28.3	15	33/35
PG	PG25	NLPG25-21	16-21	32	15	35/37
		NLPG25-18	13-18	32	15	35/37
	PG29	NLPG29-25	18-25	37	15	41/42
		NLPG29-20	13-20	37	15	42/46
	PG36	NLPG36-32	22-32	47	18	52/53
		NLPG36-26	20-26	47	18	52/58
	PG42	NLPG42-38	32-38	54	20	60/61
		NLPG42-31	25-31	54	20	60/64
	PG48	NLPG48-44	37-44	59.3	20	64/65
		NLPG48-35	29-35	59.3	20	62/69
	PG63	NLPG63-50	42-50	72	20	72
		NLPG63-40	32-40	72	20	77/83

Model	Thread Size	Cable Range Φ (mm)	Thread Length (mm)	Thread O.D. (mm)	Spanner Size (mm)
JQ-NL-M10B	M10X1.5	2.5-6	8	10	12-15
JQ-NL-M12B	M12X1.5	3-6.5	8.5	12	18/15
JQ-NL-M12-88	M12X1.5	4-8	8.5	12	18/19
JQ-NL-M12LB	M12X1.5	3-6.5	15	12	18/15
JQ-NL-M12L-8B	M12X1.5	4-8	15	12	18/19
JQ-NL-M16-8B	M16X15	4-8	10	16	22/19
JQ-NL-M16-10B	M16X1.5	6-10	10	16	22/22
JQ-NL-M16-7B	M16X1.5	4-7	10	16	22/22
JQ-NL-M16L-8B	M16X1.5	4-8	15	16	22/19
JQ-NL-M16L-10B	M16X1.5	6-10	15	16	22/22
JQ-NL-M16L-7B	M16X1-5	4-7	15	16	22/22
JQ-NL-M18-10B	M18x1.5	6-10	15	18	24/22
JQ-NL-M18-7B	M18X1.5	4-7	10	18	24/22
JQ-NL-M18L-10B	M18X1.5	6-10	10	18	24/22
JQ-NLM18L-7B	M18X1.5	4-7	15	18	24/22
JQ-NL-M20-12B	M20X1.5	6-12	15	20	27/24
JQ-NL-M20-9B	M20X1.5	5-9	10	20	27/24
JQ-NL-M20-14B	M20X15	8.5-14	10	20	27/27
JQ-NL-M20-12B	M20X1.5	6-12	10	20	27/27
JQ-NL-M20L-12B	M20X1.5	6-12	15	20	27/24
JQ-NL-M20L-9B	M20X1.5	5-9	15	20	27/24

Cable Gland with Strain Relief

NG-SR



Thread Specification	Metric, PG, G (PF) and NPT threads
Product Material	Body in UL-approved nylon PA66; sealing strip in nitrile rubber (NBR)
Protection Degree	IP68
Operating Temperature	-40°C to +100°C static, short-term up to +120°C; -20°C to +80°C dynamic, short-term up to +100°C
Product Features	Special clamping claw and sealing ring design; wide clamping range and excellent tensile strength. Resistant to water, dust, salt, weak acid, alcohol, oil and common solvents.

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M	M12x1.5	NLM12-6.5	3-6.5	12	8	16/18
		NLM12-5	2-5	12	8	16/18
	M14X1.5	NLM14-7	2-7	14	8	18/20
	M16x1.5	NLM16-8	4-8	16	8	19/22
		NLM16-6	2-6	16	8	19/22
	M18x1.5	NLM18-10	5-10	18	8	22/24
	M18x1.5	NLM18-7	3-7	18	8	22/24
	M20x1.5	NLM20-12	6-12	20	9	24/27
		NLM20-9	5-9	20	9	24/27
	M22x1.5	NLM22-14	10-14	22	10	27/30
		NLM22-12	7-12	22	10	27/30
	M24x1.5	NLM24-15	12-15	24	10	28/30
		NLM24-12	7-12	24	10	28/30
	M25x1.5	NLM25-18	13-18	25	10	28/31
		NLM25-16	9-16	25	10	28/31
	M27x1.5	NLM27-18	13-18	27	10	33/35
		NLM27-16	9-16	27	10	33/35

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
PG	PG7	NLPG7-6.5	3-6.5	12.5	8	16/18
		NLPG7-5	2-5	12.5	8	16/18
	PG9	NLPG9-8	4-8	15.2	9	19/22
		NLPG9-6	2-6	15.2	9	19/22

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
PG	PG11	NLPG11-10	5-10	18.6	9	22/24
		NLPG11-7	3-7	18.6	9	22/24
	PG13.5	NLPG13.5-12	6-12	20.4	10	24/27
		NLPG13.5-9	5-9	20.4	10	24/27
	PG16	NLPG16-14	10-14	22.5	10	27/30
		NLPG16-12	7-12	22.5	10	27/30
	PG19	NLPG19-15	12-15	25	10	27/30

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
		NLPG19-12	6-12	25	10	27/30
	PG21	NLPG21-18	13-18	28.3	10	33/35
		NLPG21-16	9-16	28.3	10	33/35

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
G (PF)	G1/4	NLG1/4-8	4.5-8	13.1	9	19/19
		NLG1/4-5.3	3-5.3	13.1	9	19/19
	G3/8	NLG3/8-10	6-10	16.6	10	22/22
		NLG3/8-7	4-7	16.6	10	22/22
	G1/2	NLG1/2-14	9-14	20.9	10	27/27
		NLG1/2-11	6-11	20.9	10	27/27
	G3/4	NLG3/4-18	13-18	26.4	12	33/33
		NLG3/4-16	10-16	26.4	12	33/33

Thread Type	Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
NPT	NPT3/8	NUNPT3/8-10	6-10	17.1	15	22
		NUNPT3/8-8	4-8	17.1	15	22
	NPT1/2	NUNPT1/2-14	8-14	21.3	15	27
		NUNPT1/2-11	6-11	21.3	15	27
	NPT3/4	NUNPT1/2-14	12-18	26.6	15	33
		NUNPT1/2-11	10-16	26.6	15	33

Silicone Rubber Cable Gland

BT-Si



Selection Example	XW-GJ-M20x1.5(8-12)-Cu
Meaning	Nickel-plated brass cable gland with silicone rubber seal, M20x1.5, cable range 8-12 mm.
Thread Specification	Metric, PG, G (PF) and NPT threads
Product Material	Nickel-plated brass body; silicone rubber claw and sealing ring
Approvals	CE, RoHS, REACH
Protection Degree	IP68
Operating Temperature	-60°C to +250°C
Function	Special clamping jaw and clamping ring design with a wide cable clamping range. Resistant to high temperature, water, dust, salt and weak acid.
Application	Control motors, starter motors, lighting equipment, refrigeration equipment and similar applications.

Thread Size	Model	Cable Range Φ (mm)	Thread O.D. (mm)	Thread Length (mm)	Spanner Size (mm)
M12X1.5	GJ M12-6.5	3-6.5	12	7	16
	GJ M12-8	4-8	12	7	16
M14X1.5	GJ M12-9	5-9	14	8	18/17
M16X1.5	GJ M12-9	5-9	16	8	20/18
M18X1.5	GJ M12-12	8-12	18	8	22/20
M20X1.5	GJ M12-12	8-12	18	8	22/20
G1/4	GJ G12-6.5	3-6.5	12	7	16
	GJ G12-8	4-8	12	7	16
G3/8	GJ G14-9	5-9	14	8	18/17
G3/8	GJ G16-9	5-9	16	8	20/18
G1/2	GJ G18-12	8-12	18	8	22/20

Air-Permeable Cable Gland

Air



Material	Nickel-plated brass Plastic Claw: Nylon V2(UL94) Seal NBR
Protection Degree	In the specified cable outer diameter and the appropriate o-ring Protection degree can reach IP68, the waterproof depth reaches 3m-5m
Temperature	-40°C to 100°C, short-term to 120°C
Flame Retardant Rating	V2(UL94), meets RoHS standard
Air Permeability	2400ml / s / m^2@0.02bar
Water Inlet Pressure	>5bar

Model	Thread Size	Cable Range (mm)	Thread Length GL (mm)	Thread O.D. (mm)	Joint Length H (mm)	Spanner Size (mm)
TQ.M12-6.5	M12*1.5	3-6.5	6.5	12	27	16
TQ.M12-8		4-8	8	12	27	16/14
TQ.M16-6	M16*1.5	3-6	8	16	27	18
TQ.M16-8		4-8	8	16	27	18
TQ.M16-10	M18*15	5-10	8	16	27	20/18
TQ.M18-10		5-10	8	18	29	20
TQ.M20-10	M20*15	5-10	8	20	32	22
TQ.M20-12		6-12	8	20	32	22
TQ.M20-14	M25*15	10-14	8	20	32	24/22
TQ.M25-12		8-12	9	25	35	24/27
TQ.M25-14		10-14	9	25	35	24/27
TQ.M25-16		12-16	9	25	35	27
TQ.M25-18	M32*1.5	13-18	9	25	35	30/27
TQ.M32-18		13-18	10	32	54	35
TQ.M32-22	M32*1.5	15-22	10	32	54	35
TQ.M32-25		18-25	10	32	54	40/35
TQ.M40-25	M40*1.5	18-25	11	40	46	40/45
TQ.M40-30		22-30	11	40	50	45
TQ.M40-33	M50*1.5	25-33	11	40	52	50/45
TQ.M50-38		32-38	13	50	55	57/55
TQ.M63-44	M63*1.5	37-44	14	63	55	64/68
TQ.M63-52		42-52	14	63	55	78/68
		PG / G / NPT Customizable PG / G / NPT thread				

Spiral Cable Gland

Spiral



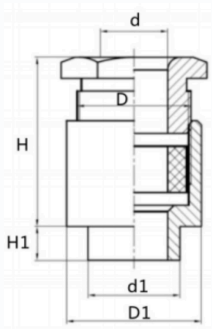
Material	• Nickel-plated brass • Protection degree: IP68
Inner Core	Nylon V2(UL94)
Temperature	• -40°C to 100°C, short-time to 120°C • Seal: Silicone rubber
Color	Gray, black, and other colors can be customized.
Sealing	Nitrile rubber, silicone rubber, etc.

Model	Thread Size	Cable Range (mm)	Thread Length (mm)	Mounting Hole Dia. (mm)	Joint Length (mm)	Spanner Size (mm)
ZW-PG7	PG7	3-6.5	6.5	12.5	65	14/15
ZW-PG9	PG9	4-8	8	15.2	68	17/18
ZW-PG11	PG11	5-10	8	18.6	75	20/21
ZW-PG13.5	PG13.5	6-12	8	20.4	75	22/23
ZW-PG16	PG16	10-14	8	22.5	80	24/25
ZW-PG21	PG21	13-18	9	28.3	100	30
ZW-M12	M12X1.5	3-6.5	6.5	12	65	14
ZW-M16	M16X1.5	4-8	8	16	75	18
ZW-M18	M18X1.5	5-10	8	18	77	20
ZW-M20	M20X1.5	6-12	8	20	80	22
ZW-M22	M22X1.5	10-14	8	22	98	24
ZW-M25	M25X1.5	13-18	9	25	90	27
ZW-M30	M30X1.5	13-18	9	25	100	30
ZWNL-M12	M12X1.5	3-6.5	9	12	65	18/16
ZWNL-M16	M16X1.5	4-8	9	16	75	22/19
ZWNL-M18	M18X1.5	5-10	9	18	77	24/22
ZWNL-M20	M20X1.5	6-11	10	20	80	27/24
ZWNL-M22	M22X1.5	10-13	10	22	98	30/27
ZWNL-M25	M25X1.5	12-15	12	25	90	31/28
ZWNL-M27	M27X1.5	13-18	12	27	100	35/33

TJ Clamping Type Marine Cable Gland

TJ





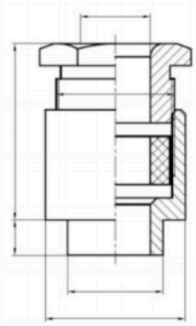
Material	The D and D1 parts are both made of chrome-plated brass, and the clamping ring is made of nitrile rubber (NBR).
Protection Class	Within the specified clamping range, use rubber gaskets to tightly fasten the pressing head to achieve IP54.
Operating Temperature	• Static: -40°C to 110°C, with a maximum of up to 120°C • Dynamic: -20 to -80 degrees, with a maximum of 100 degrees
Product Certification	European CE Certification.
Scope of Application	Instruments, ships, machinery, electrical, transportation, pharmaceuticals, oil fields, cable fixation.
Note	Customized services for special specifications are available. Inquiries via phone or mail are welcome.

Size	Model	d (mm)	D (mm)	d1 (mm)	D1 (mm)	H1 (mm)	Cable Range (mm)
TJ-8	TJ-8	8	M16x1	M14x1	20	9	5-7
TJ-13	TJ-13	13	M20x1	M18x1	24	10	6-12
TJ-16	TJ-16	16	M27x1.5	M22x1.5	31.5	12	11-15
TJ-19	TJ-19	19	M30x1.5	M27x1.5	34.5	12	14-18
TJ-24	TJ-24	24	M35x1.5	M30x1.5	39.6	12	17-23
TJ-28	TJ-28	28	M42x2	M36x2	46.5	15	22-27
TJ-34	TJ-34	34	M47x2	M42x2	54	15	26-33
TJ-42	TJ-42	42	M55x2	M52x2	62	15	32-41
TJ-50	TJ-50	50	M62x2	M58x2	68.5	15	40-49
TJ-58	TJ-58	58	M71x2	M68x2	77.5	20	48-57

TH Soldered Type Marine Cable Gland

TH



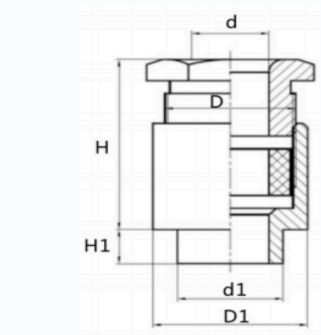


Material	Part D is made of brass, part D1 is made of high-quality steel, and the clamping ring is made of nitrile rubber (NBR).
Protection Class	Within the specified clamping range, use rubber gaskets to tightly fasten the pressing head to achieve IP54.
Operating Temperature	• Static: -40°C to 110°C, with a maximum of up to 120°C • Dynamic: -20 to -80 degrees, with a maximum of 100 degrees
Product Certification	European CE Certification.
Product Characteristics	The stuffing box is a high-quality explosion-proof accessory for cables, installed at the connection point between the cable port and explosion-proof electrical equipment. It serves to introduce the cable, secure its position, and achieve sealing and explosion isolation. It boasts superior explosion-proof performance, a safe and reliable structure (Broussonetia papyrifera), simple and convenient installation, and a high protection level.
Scope of Application	Instruments, ships, machinery, electrical, transportation, pharmaceuticals, oil fields, cable fixation.
Note	The weldable portion can be extended according to the required steel plate thickness, and customized specifications are also available.

Size	Model	d (mm)	D (mm)	Mounting Hole d1 (mm)	Body O.D. D1 (mm)	Joint Length H (mm)	Weld Length H1 (mm)	Cable Range Φ (mm)
TH-08	TH-08	08	M16x1	13	20	32	3	05-07
TH-13	TH-13	13	M20x1	17	24	35	8	06-12
TH-16	TH-16	16	M27x1.5	22	32	40	8	11-15
TH-19	TH-19	19	M30x1.5	24	35	42	8	14-18
TH-24	TH-24	24	M35x1.5	30	41	44	8	17-23
TH-28	TH-28	28	M42x2	35	49	46	8	22-27
TH-34	TH-34	34	M47x2	42	53	49	8	26-33
TH-42	TH-42	42	M55x2	50	60	54	8	32-41
TH-50	TH-50	50	M62x2	58	69	56	8	40-49
TH-58	TH-58	58	M71x2	66	80	56	8	48-57

JIS Marine Cable Gland

JIS







Material	• Brass chrome plating • Connection standard: Japanese-style
Entry Thread	PF Approvals: European CE Certification
Application	Instruments, ships, machinery, electrical, transportation, pharmaceuticals, oil fields, cable fixation
Notes	Customized services for special specifications are available. Welcome to inquire by phone or mail.

Size	Model	Thread Size	Packing Type	Cable Range (mm)	Thread Length GL (mm)	Mounting Hole Dia. (mm)
JIS-10	JIS-10-SA	3/8"	A	6-7	11	18
	JIS-10-SB		B	7-8	11	18
JIS-15	JIS-15-SA	1/2"	A	8-9	11	22
	JIS-15-SB		B	9-10	11	22
	JIS-15-SC		C	9-11	11	22
JIS-20	JIS-20-SA	3/4"	A	11-12	11	27
	JIS-20-SB		B	12-13	11	27
	JIS-20-SC		C	12-15	11	27
JIS-25	JIS-25-SA	1	A	15-16	11	34
	JIS-25-SB		B	16-18	11	34
	JIS-25-SC		C	16-20	11	34
JIS-30	JIS-30-SA	1-1/4*	A	20-22	12	43
	JIS-30-SB		B	22-24	12	43
	JIS-30-SC		C	22-26	12	43
JIS-35	JIS-35-SA	1-1/2*	A	26-28	12	49
	JIS-35-SB		B	28-30	12	49
	JIS-35-SC		C	26-30	12	49
JIS-40	JIS-40-SA		A	30-32	12	49

Size	Model	Thread Size	Packing Type	Cable Range (mm)	Thread Length GL (mm)	Mounting Hole Dia. (mm)
	JIS-40-SB		B	32-34	12	49
	JIS-40-SC		C	30-34	12	49
JIS-45	JIS-45-SA	2*	A	34-36	12	61
	JIS-45-SB		B	36-38	12	61
	JIS-45-SC		C	36-40	12	61
JIS-50	JIS-50-SA		A	40-42	12	61
	JIS-50-SB		B	42-44	12	61
	JIS-50-SC		C	40-44	12	61
JIS-55	JIS-55-SA	2-1/2*	A	44-46	12	76
	JIS-55-SB		B	46-48	12	76
	JIS-55-SC		C	46-50	12	76
JIS-60	JIS-60-SA		A	50-52	12	76
	JIS-60-SB		B	52-54	12	76
	JIS-60-SC		C	52-56	12	76
JIS-65	JIS-65-SA	3*	A	56-58	14	89
	JIS-65-SB		B	58-60	14	89
JIS-70	JIS-70-SA		A	60-62	14	89
	JIS-70-SB		B	62-64	14	89
JIS-75	JIS-75-SA		A	64-66	14	89
	JIS-75-SB		B	66-70	14	89

BDM-I/D Explosion-Proof Cable Gland

BDM-I/D



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for non-armored cable and cable wiring.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Model	Thread (M)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)	Model	Thread (NPT)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-I / DM16X1.5	M16X1.5	4-8	12	12	BDM-I / DNPT1/2	NPT1/2	6-12	12	12
BDM-I / DM16X1.5	M16X1.5	6-10	12	12	BDM-I / DNPT1/2	NPT1/2	6-14	12	12
BDM-I / DM20X1.5	M20X1.5	6-12	12	12	BDM-I / DNPT3/4	NPT3/4	13-18	15	15
BDM-I / DM20X1.5	M20X1.5	6-14	12	12	BDM-I / DNPT1	NPT1	18-25	15	15
BDM-I / DM25X1.5	M25X1.5	13-18	15	15	BDM-I / DNPT11/4	NPT11/4	25-32	17	17
BDM-I / DM32X1.5	M32X1.5	18-25	15	15	BDM-I / DNPT11/2	NPT11/2	31-41	17	17
BDM-I / DM40X1.5	M40X1.5	25-32	17	17	BDM-I / DNPT2	NPT2	35-45	17	17
BDM-I / DMS0X1.5	M50X1.5	31-41	17	17					
BDM-I / DM63X1.5	M63X1.5	35-45	17	17					
G Ex eb IIC Gb / Ex tb IIC Db									

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-I / DG1/2	G1/2	6-12	12	12
BDM-I / DG1/2	G1/2	9-14	12	12
BDM-I / DG3/4	G3/4	13-18	15	15
BDM-I / DG1	G1	18-25	15	15
BDM-I / DG11/4	G11/4	25-32	17	17
BDM-I / DG11/2	G11/2	31-41	17	17
BDM-I / DG2	G2	35-45	17	17

BDM-II/D Explosion-Proof Cable Gland

BDM-II/D





Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for non-armored cable and cable wiring.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread

Model	Thread (M)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / D M16X1.5	M16X1.5	4-8	12	12
BDM-II / D M16X1.5	M16X1.5	6-10	12	12
BDM-II / D M20X1.5	M20X1.5	6-12	12	12
BDM-II / D M20X1.5	M20X1.5	9-14	12	12
BDM-II / D M25X1.5	M25X1.5	13-18	15	15
BDM-II / D M32X1.5	M32X1.5	18-25	15	15
BDM-II / D M40X1.5	M40X1.5	25-32	17	17
BDM-II / D M50X1.5	M50X1.5	31-41	17	17
BDM-II / D M63X1.5	M63X1.5	35-45	17	17
G Ex eb IIC Gb / Ex tb IIIC Db				

G Thread

Model	Thread (G)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / D G1/2	G1/2	6-12	12	12
BDM-II / D G1/2	G1/2	9-14	12	12
BDM-II / D G3/4	G3/4	13-18	15	15
BDM-II / D G1	G1	18-25	15	15
BDM-II / D G1 1/4	G1 1/4	25-32	17	17
BDM-II / D G1 1/2	G1 1/2	31-41	17	17
BDM-II / D G2	G2	35-45	17	17
NPT Ex db IIC Gb / Ex tb IIIC Db				

NPT Thread

Model	Thread (NPT)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / D NPT1/2	NPT1/2	6-12	12	12
BDM-II / D NPT1/2	NPT1/2	9-14	12	12

Model	Thread (NPT)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / D NPT3/4	NPT3/4	13-18	15	15
BDM-II / D NPT1	NPT1	18-25	15	15
BDM-II / D NPT1 1/4	NPT1 1/4	25-32	17	17
BDM-II / D NPT1 1/2	NPT1 1/2	31-41	17	17
BDM-II / D NPT2	NPT2	35-45	17	17

Metric Thread

Model	Thread (M)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / D M20X1.5	M20X1.5	9-15	15	15
BDM-II / D M25X1.5	M25X1.5	12.5-20.5	15	15
BDM-II / D M32X1.5	M32X1.5	17-26	19	17
BDM-II / D M40X1.5	M40X1.5	22-33	19	17
BDM-II / D M50X1.5	M50X1.5	28-41	19	19
BDM-II / D M63X1.5	M63X1.5	36-52.5	19	19
BDM-II / D M75X1.5	M75X1.5	46-65	19	19
BDM-II / D M90X1.5	M90X1.5	68-88	19	19
BDM-II / D M115X1.5	M115X1.5	83-103	19	19
G Ex eb IIC Gb / Ex tb IIIC Db				

G Thread

Model	Thread (G)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / D G1/2	G1/2	9-15	15	15
BDM-II / D G3/4	G3/4	12.5-20.5	15	15
BDM-II / D G1	G1	17-26	19	17
BDM-II / D G11/4	G11/4	22-33	19	17
BDM-II / D G11/2	G11/2	28-41	19	19
BDM-II / D G2	G2	36-52.5	19	19
BDM-II / D G21/2	G21/2	46-65	19	19
BDM-II / D G3	G3	68-88	19	19
BDM-II / D G4	G4	83-103	19	19
NPT Ex db IIC Gb / Ex tb IIC Db				

NPT Thread

Model	Thread (NPT)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / D NPT1/2	NPT1/2	9-15	15	15
BDM-II / D NPT3/4	NPT3/4	12.5-20.5	15	15
BDM-II / D NPT1	NPT1	17-26	19	17
BDM-II / D NPT11/4	NPT11/4	22-33	19	17
BDM-II / D NPT11/2	NPT11/2	28-41	19	19
BDM-II / D NPT2	NPT2	36-52.5	19	19
BDM-II / D NPT21/2	NPT21/2	46-65	19	19
BDM-II / D NPT3	NPT3	68-88	19	19
BDM-II / D NPT4	NPT4	83-103	19	19

BDM-II/BN Explosion-Proof Cable Gland

BDM-II/BN



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for non-armored cable and cable wiring.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread

Model	Thread (M)	Inner Thread (F)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / BM M20X1.5	M20X1.5	M20X1.5	9-15	15	15
BDM-II / BM M25X1.5	M25X1.5	M25X1.5	12.5-20.5	15	15
BDM-II / BM M32X1.5	M32X1.5	M32X1.5	17-26	19	17
BDM-II / BM M40X1.5	M40X1.5	M40X1.5	22-33	19	17
BDM-II / BM M50X1.5	M50X1.5	M50X1.5	28-41	19	19
BDM-II / BM M63X1.5	M63X1.5	M63X1.5	36-52.5	19	19
BDM-II / BM M75X1.5	M75X1.5	M75X1.5	46-65	19	19

Metric Thread

Model	Thread (G)	Inner Thread (F)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / BN G1/2	G1/2	G1/2	9-15	15	15
BDM-II / BN G3/4	G3/4	G3/4	12.5-20.5	15	15
BDM-II / BN G1	G1	G1	17-26	19	17
BDM-II / BN G1 1/4	G1 1/4	G1 1/4	22-33	19	17
BDM-II / BN G1 1/2	G1 1/2	G1 1/2	28-41	19	19
BDM-II / BN G2	G2	G2	36-52.5	19	19
BDM-II / BN G2 1/2	G2 1/2	G2 1/2	46-65	19	19
BDM-II / BN G3	G3	G3	68-88	19	19
BDM-II / BN G4	G4	G4	83-103	19	19
NPT Ex db IIC Gb / Ex tb IIIC Db					

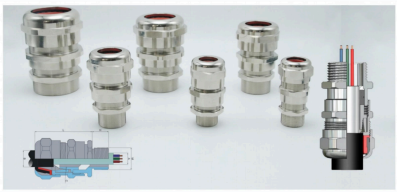
G Thread

Model	Thread (NPT)	Inner Thread (F)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / BN NPT1/2	NPT 1/2	NPT 1/2	9-15	15	15
BDM-II / BN NPT3/4	NPT 3/4	NPT 3/4	12.5-20.5	15	15
BDM-II / BN NPT1	NPT 1	NPT 1	17-26	19	17

Model	Thread (NPT)	Inner Thread (F)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-II / BN NPT1 1/4	NPT 1 1/4	NPT 1 1/4	22-33	19	17
BDM-II / BN NPT1 1/2	NPT 1 1/2	NPT 1 1/2	28-41	19	19
BDM-II / BN NPT2	NPT 2	NPT 2	36-52.5	19	19
BDM-II / BN NPT2 1/2	NPT 2 1/2	NPT 2 1/2	46-65	19	19
BDM-II / BN NPT3	NPT 3	NPT 3	68-88	19	19
BDM-II / BN NPT4	NPT 4	NPT 4	83-103	19	19

BDM-III/D Explosion-Proof Cable Gland

BDM-III/D



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for non-armored cable and cable wiring.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-III / D M20X1.5	M20X1.5	6-11	9-15	15	15
BDM-III / D M20X1.5C	M20X1.5C	9-15	12.5-20.5	15	15
BDM-III / D M25X1.5	M25X1.5	9-15	12.5-20.5	15	15
BDM-III / D M25X1.5C	M25X1.5C	12.5-20.5	17-26	15	17
BDM-III / D M32X1.5C	M32X1.5C	13.5-20.5	17-26	19	17
BDM-III / D M32X1.5C	M32X1.5C	17-26	22-33	19	17
BDM-III / D M40X1.5	M40X1.5	17-26	22-33	19	17
BDM-III / D M40X1.5C	M40X1.5C	22-33	28-41	19	19
BDM-III / D M50X1.5	M50X1.5	22-33	28-41	19	19
BDM-III / D M50X1.5C	M50X1.5C	28-41	36.5-52.5	19	19

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-III / D G1/2	G1/2	6-11	9-15	15	15
BDM-III / D G1/2C	G1/2C	9-15	12.5-20.5	15	15
BDM-III / D G3/4	G3/4	9-15	12.5-20.5	15	15
BDM-III / D G3/4C	G3/4C	12.5-20.5	17-26	15	15
BDM-III / D G1	G1	12.5-20.5	17-26	19	17
BDM-III / D G1C	G1C	17-26	22-33	19	17
BDM-III / D G1 1/4	G1 1/4	17-26	22-33	19	17
BDM-III / D G1 1/4C	G1 1/4C	22-33	28-41	19	19
BDM-III / D G1 1/2	G1 1/2	22-33	28-41	19	19
BDM-III / D G1 1/2C	G1 1/2C	28-41	36.5-52.5	19	19
BDM-III / D G2	G2	28-41	36.5-52.5	19	19
BDM-III / D G2C	G2C	42.5-55	46-65	19	19
BDM-III / D G2 1/2	G2 1/2	42.5-55	46-65	19	19

Model	Thread (G)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-III / D G3	G3	63-75	68-88	19	19
BDM-III / D G4	G4	75-90	83-103	19	19
NPT Ex db IIC Gb / Ex tb IIIC Db					

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-III / D NPT1/2	NPT1/2	6-11	9-15	15	15
BDM-III / D NPT1/2C	NPT1/2C	9-15	12.5-20.5	15	15
BDM-III / D NPT3/4	NPT3/4	9-15	12.5-20.5	15	15
BDM-III / D NPT3/4C	NPT3/4C	12.5-20.5	17-26	15	15
BDM-III / D NPT1	NPT1	12.5-20.5	17-26	19	17
BDM-III / D NPT1C	NPT1C	17-26	22-33	19	17
BDM-III / D NPT1 1/4	NPT1 1/4	17-26	22-33	19	17
BDM-III / D NPT1 1/4C	NPT1 1/4C	22-33	28-41	19	19
BDM-III / D NPT1 1/2	NPT1 1/2	22-33	28-41	19	19
BDM-III / D NPT1 1/2C	NPT1 1/2C	28-41	36.5-52.5	19	19
BDM-III / D NPT2	NPT2	28-41	36.5-52.5	19	19
BDM-III / D NPT2C	NPT2C	42.5-55	46-65	19	19
BDM-III / D NPT2 1/2	NPT2 1/2	42.5-55	46-65	19	19
BDM-III / D NPT3	NPT3	63-75	68-88	19	19
BDM-III / D NPT4	NPT4	75-90	83-103	19	19

BDM-III/G Explosion-Proof Cable Gland

BDM-III/G



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for non-armored cable and cable wiring.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-III / G M20X1.5	M20X1.5	6-11	9-15	15	15
BDM-III / G M20X1.5C	M20X1.5C	9-15	12.5-20.5	15	15
BDM-III / G M25X1.5	M25X1.5	9-15	12.5-20.5	15	15
BDM-III / G M25X1.5C	M25X1.5C	12.5-20.5	17-26	15	17
BDM-III / G M32X1.5C	M32X1.5C	13.5-20.5	17-26	19	17
BDM-III / G M32X1.5C	M32X1.5C	17-26	22-33	19	17
BDM-III / G M40X1.5	M40X1.5	17-26	22-33	19	17
BDM-III / G M40X1.5C	M40X1.5C	22-33	28-41	19	19
BDM-III / G M50X1.5	M50X1.5	22-33	28-41	19	19
BDM-III / G M50X1.5C	M50X1.5C	28-41	36.5-52.5	19	19

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-III / G G1/2	G1/2	6-11	9-15	15	15
BDM-III / G G1/2C	G1/2C	9-15	12.5-20.5	15	15
BDM-III / G G3/4	G3/4	9-15	12.5-20.5	15	15
BDM-III / G G3/4C	G3/4C	12.5-20.5	17-26	15	15
BDM-III / G G1	G1	12.5-20.5	17-26	19	17
BDM-III / G G1C	G1C	17-26	22-33	19	17
BDM-III / G G1 1/4	G1 1/4	17-26	22-33	19	17
BDM-III / G G1 1/4C	G1 1/4C	22-33	28-41	19	19
BDM-III / G G1 1/2	G1 1/2	22-33	28-41	19	19
BDM-III / G G1 1/2C	G1 1/2C	28-41	36.5-52.5	19	19
BDM-III / G G2	G2	28-41	36.5-52.5	19	19
BDM-III / G G2C	G2C	42.5-55	46-65	19	19
BDM-III / G G2 1/2	G2 1/2	42.5-55	46-65	19	19

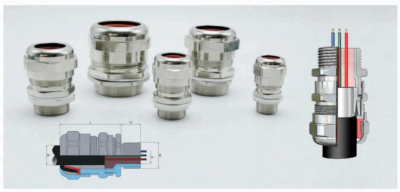
Model	Thread (G)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-III / G G3	G3	63-75	68-88	19	19
BDM-III / G G4	G4	75-90	83-103	19	19
NPT Ex db IIC Gb / Ex tb IIIC Db					

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-III / G NPT1/2	NPT1/2	6-11	9-15	15	15
BDM-III / G NPT1/2C	NPT1/2C	9-15	12.5-20.5	15	15
BDM-III / G NPT3/4	NPT3/4	9-15	12.5-20.5	15	15
BDM-III / G NPT3/4C	NPT3/4C	12.5-20.5	17-26	15	15
BDM-III / G NPT1	NPT1	12.5-20.5	17-26	19	17
BDM-III / G NPT1C	NPT1C	17-26	22-33	19	17
BDM-III / G NPT1 1/4	NPT1 1/4	17-26	22-33	19	17
BDM-III / G NPT1 1/4C	NPT1 1/4C	22-33	28-41	19	19
BDM-III / G NPT1 1/2	NPT1 1/2	22-33	28-41	19	19
BDM-III / G NPT1 1/2C	NPT1 1/2C	28-41	36.5-52.5	19	19
BDM-III / G NPT2	NPT2	28-41	36.5-52.5	19	19
BDM-III / G NPT2C	NPT2C	42.5-55	46-65	19	19
BDM-III / G NPT2 1/2	NPT2 1/2	42.5-55	46-65	19	19
BDM-III / G NPT3	NPT3	63-75	68-88	19	19
BDM-III / G NPT4	NPT4	75-90	83-103	19	19

BDM-IV/D Explosion-Proof Cable Gland

BDM-IV/D



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for non-armored cable and cable wiring.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-IV / D M20X1.5	M20X1.5	6-11	9-15	15	15
BDM-IV / D M20X1.5C	M20X1.5C	9-15	12.5-20.5	15	15
BDM-IV / D M25X1.5	M25X1.5	9-15	12.5-20.5	15	15
BDM-IV / D M25X1.5C	M25X1.5C	12.5-20.5	17-26	15	17
BDM-IV / D M32X1.5	M32X1.5	12.5-20.5	17-26	19	17
BDM-IV / D M32X1.5C	M32X1.5C	17-26	22-33	19	17
BDM-IV / D M40X1.5	M40X1.5	17-26	22-33	19	17
BDM-IV / D M40X1.5C	M40X1.5C	22-33	28-41	19	19
BDM-IV / D M50X1.5	M50X1.5	22-33	28-41	19	19
BDM-IV / D M50X1.5C	M50X1.5C	28-41	36.5-52.5	19	19

G Thread Ex eb IIIC Gb/Ex tb IIIC Db

Model	Thread (G)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-IV / D G1/2	G1/2	6-11	9-15	15	15
BDM-IV / D G1/2C	G1/2C	9-15	12.5-20.5	15	15
BDM-IV / D G3/4	G3/4	9-15	12.5-20.5	15	15
BDM-IV / D G3/4C	G3/4C	12.5-20.5	17-26	15	15
BDM-IV / D G1	G1	12.5-20.5	17-26	19	17
BDM-IV / D G1C	G1C	17-26	22-33	19	17
BDM-IV / D G1 1/4	G1 1/4	17-26	22-33	19	17
BDM-IV / D G1 1/4C	G1 1/4C	22-33	28-41	19	19
BDM-IV / D G1 1/2	G1 1/2	22-33	28-41	19	19
BDM-IV / D G1 1/2C	G1 1/2C	28-41	36.5-52.5	19	19
BDM-IV / D G2	G2	28-41	36.5-52.5	19	19
BDM-IV / D G2	G2C	42.5-55	46-65	19	19
BDM-IV / D G2 1/2	G2 1/2	42.5-55	46-65	19	19

Model	Thread (G)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-IV / D G3	G3	63-75	68-88	19	19
BDM-IV / D G4	G4	75-90	83-103	19	19
NPT Ex db IIC Gb / Ex tb IIC Db					

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-IV / D NPT1/2	NPT1/2	6-11	9-15	15	15
BDM-IV / D NPT1/2C	NPT1/2C	9-15	12.5-20.5	15	15
BDM-IV / D NPT3/4	NPT3/4	9-15	12.5-20.5	15	15
BDM-IV / D NPT3/4C	NPT3/4C	12.5-20.5	17-26	15	15
BDM-IV / D NPT 1	NPT1	12.5 -20.5	17-26	19	17
BDM-IV / D NPT1C	NPT1C	17-26	22-33	19	17
BDM-IV / D NPT1 1/4	NPT1 1/4	17-26	22-33	19	17
BDM-IV / D NPT1 1/4C	NPT1 1/4C	22-33	28-41	19	19
BDM-IV / D NPT1 1/2	NPT1 1/2	22-33	28-41	19	19
BDM-IV / D NPT1 1/2C	NPT1 1/2C	28-41	36.5-52.5	19	19
BDM-IV / D NPT2	NPT2	28-41	36.5-52.5	19	19
BDM-IV / D NPT2C	NPT2C	42.5-55	46-65	19	19
BDM-IV / D NPT2 1/2	NPT2 1/2	42.5-55	46-65	19	19
BDM-IV / D NPT3	NPT3	63-75	68-88	19	19
BDM-IV / D NPT4	NPT4	75-90	83-103	19	19

BDM-IV/G Explosion-Proof Cable Gland

BDM-IV/G



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for non-armored cable and cable wiring.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-IV / G M20X1.5	M20X1.5	6-11	9-15	15	15
BDM-IV / G M20X1.5C	M20X1.5C	9-15	12.5-20.5	15	15
BDM-IV / G M25X1.5	M25X1.5	9-15	12.5-20.5	15	15
BDM-IV / G M25X1.5C	M25X1.5C	12.5-20.5	17-26	15	17
BDM-IV / G M32X1.5	M32X1.5	12.5-20.5	17-26	19	17
BDM-IV / G M32X1.5C	M32X1.5C	17-26	22-33	19	17
BDM-IV / G M40X1.5	M40X1.5	17-26	22-33	19	17
BDM-IV / G M40X1.5C	M40X1.5C	22-33	28-41	19	19
BDM-IV / G M50X1.5	M50X1.5	22-33	28-41	19	19
BDM-IV / G M50X1.5C	M50X1.5C	28-41	36.5-52.5	19	19
BDM-IV / G M63X1.5	M63X1.5	28-41	36.5-52.5	19	19
BDM-IV / G M63X1.5C	M63X1.5C	42.5-55	46-65	19	19
BDM-IV / G M75X1.5	M75X1.5	42.5-55	46-65	19	19
BDM-IV / G M90X1.5	M90X1.5	63-75	68-88	19	19
BDM-IV / G M115X1.5	M115X1.5	75-90	83-103	19	19
G Ex eb |IIC Gb / Ex tb IIIC Db					

G Thread Ex eb IIIC Gb/Ex tb IIIC Db

Model	Thread (G)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-IV / G G1/2	G1/2	6-11	9-15	15	15
BDM-IV / G G1/2C	G1/2C	9-15	12.5-20.5	15	15
BDM-IV / G G3/4	G3/4	9-15	12.5-20.5	15	15
BDM-IV / G G3/4C	G3/4C	12.5-20.5	17-26	15	15
BDM-IV / G G1	G1	12.5-20.5	17-26	19	17

Model	Thread (G)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-IV / G G1C	G1C	17-26	22-33	19	17
BDM-IV / G G1 1/4	G1 1/4	17-26	22-33	19	17
BDM-IV / G G1 1/4C	G1 1/4C	22-33	28-41	19	19
BDM-IV / G G1 1/2	G1 1/2	22-33	28-41	19	19
BDM-IV / G G1 1/2C	G1 1/2C	28-41	36.5-52.5	19	19
BDM-IV / G G2	G2	28-41	36.5-52.5	19	19
BDM-IV / G G2	G2C	42.5-55	46-65	19	19
BDM-IV / G G2 1/2	G2 1/2	42.5-55	46-65	19	19
BDM-IV / G G3	G3	63-75	68-88	19	19
BDM-IV / G G4	G4	75-90	83-103	19	19
NPT Ex db IIC Gb / Ex tb IIIC Db					

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-IV / G NPT1/2	NPT1/2	6-11	9-15	15	15
BDM-IV / G NPT1/2C	NPT1/2C	9-15	12.5-20.5	15	15
BDM-IV / G NPT3/4	NPT3/4	9-15	12.5-20.5	15	15
BDM-IV / G NPT3/4C	NPT3/4C	12.5-20.5	17-26	15	15
BDM-IV / G NPT 1	NPT1	12.5 -20.5	17-26	19	17
BDM-IV / G NPT1C	NPT1C	17-26	22-33	19	17
BDM-IV / G NPT1 1/4	NPT1 1/4	17-26	22-33	19	17
BDM-IV / G NPT1 1/4C	NPT1 1/4C	22-33	28-41	19	19
BDM-IV / G NPT1 1/2	NPT1 1/2	22-33	28-41	19	19
BDM-IV / G NPT1 1/2C	NPT1 1/2C	28-41	36.5-52.5	19	19
BDM-IV / G NPT2	NPT2	28-41	36.5-52.5	19	19
BDM-IV / G NPT2C	NPT2C	42.5-55	46-65	19	19
BDM-IV / G NPT2 1/2	NPT2 1/2	42.5-55	46-65	19	19
BDM-IV / G NPT3	NPT3	63-75	68-88	19	19
BDM-IV / G NPT4	NPT4	75-90	83-103	19	19

BDM-V/G Explosion-Proof Cable Gland

BDM-V/G



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for armored cable and cable wiring, and for the clamping and sealing of steel-wire armored, braided-armored and steel-tape armored cables.
Product Characteristics	The front silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications; suitable for all armored and braided cable types.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-1, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-1, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-V / G M20X1.5	M20X1.5	5-10	9-15	15	15
BDM-V / G M25X1.5	M25X1.5	9-15	14-20	15	15
BDM-V / G M32X1.5	M32X1.5	14-20	19-25	17	17
BDM-V / G M40X1.5	M40X1.5	19-25	25-32	17	17
BDM-V / G M50X1.5	M50X1.5	31-36	35-40	17	17
BDM-V / G M63X1.5	M63X1.5	39-45	45-50	17	17

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-V / G G1/2	G1/2	5-10	9-15	15	15
BDM-V / G G3/4	G3/4	9-15	14-20	15	15
BDM-V / G G1	G1	14-20	19-25	17	17
BDM-V / G G1 1/4	G1 1/4	19-25	25-32	17	17
BDM-V / G G1 1/2	G1 1/2	31-36	35-40	17	17
BDM-V / G G2	G2	39-45	45-50	17	17
BDM-V / G G2 1/2	G2 1/2	48-56	56-65	17	17
BDM-V / G G3	G3	51-65	64-75	17	17
BDM-V / G G4	G4	74-84	87-98	17	17
NPT Ex db IIC Gb / Ex tb IIIC Db					

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-V / G NPT1/2	NPT1/2	5-10	9-15	15	15
BDM-V / G NPT3/4	NPT3/4	9-15	14-20	15	15

Model	Thread (NPT)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-V / G NPT1	NPT1	14-20	19-25	17	17
BDM-V / G NPT1 1/4	NPT1 1/4	19-25	25-32	17	17
BDM-V / G NPT1 1/2	NPT1 1/2	31-36	35-40	17	17
BDM-V / G NPT2	NPT2	39-45	45-50	17	17
BDM-V / G NPT2 1/2	NPT2 1/2	48-56	56-65	17	17
BDM-V / G NPT3	NPT3	51-65	64-75	17	17
BDM-V / G NPT4	NPT4	74-84	87-98	17	17

BDM-V/H Explosion-Proof Cable Gland

BDM-V/H



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for armored cable and cable wiring, and for the clamping and sealing of steel-wire armored, braided-armored and steel-tape armored cables.
Product Characteristics	The front silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications; suitable for all armored and braided cable types.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-1, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-1, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-V / H M20X1.5	M20X1.5	5-10	9-15	15	15
BDM-V / H M25X1.5	M25X1.5	9-15	14-20	15	15
BDM-V / H M32X1.5	M32X1.5	14-20	19-25	17	17
BDM-V / H M40X1.5	M40X1.5	19-25	25-32	17	17
BDM-V / H M50X1.5	M50X1.5	31-36	35-40	17	17
BDM-V / H M63X1.5	M63X1.5	39-45	45-50	17	17

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-V / H G1/2	G1/2	5-10	9-15	15	15
BDM-V / H G3/4	G3/4	9-15	14-20	15	15
BDM-V / H G1	G1	14-20	19-25	17	17
BDM-V / H G1 1/4	G1 1/4	19-25	25-32	17	17
BDM-V / H G1 1/2	G1 1/2	31-36	35-40	17	17
BDM-V / H G2	G2	39-45	45-50	17	17
BDM-V / H G2 1/2	G2 1/2	48-56	56-65	17	17
BDM-V / H G3	G3	51-65	64-75	17	17
BDM-V / H G4	G4	74-84	87-98	17	17
NPT Ex db IIC Gb / Ex tb IIIC Db					

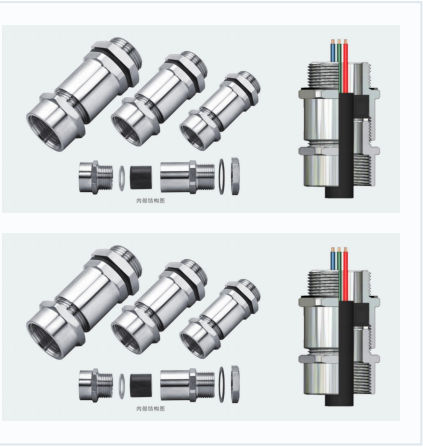
NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-V / H NPT1/2	NPT1/2	5-10	9-15	15	15
BDM-V / H NPT3/4	NPT3/4	9-15	14-20	15	15

Model	Thread (NPT)	Cable O.D. Φ (mm) - non-armored	Cable O.D. Φ (mm) - armored	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-V / H NPT1	NPT1	14-20	19-25	17	17
BDM-V / H NPT1 1/4	NPT1 1/4	19-25	25-32	17	17
BDM-V / H NPT1 1/2	NPT1 1/2	31-36	35-40	17	17
BDM-V / H NPT2	NPT2	39-45	45-50	17	17
BDM-V / H NPT2 1/2	NPT2 1/2	48-56	56-65	17	17
BDM-V / H NPT3	NPT3	51-65	64-75	17	17
BDM-V / H NPT4	NPT4	74-84	87-98	17	17

BDM-VI/G Explosion-Proof Cable Gland

BDM-VI/G



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for armored cable and cable wiring, and for the clamping and sealing of steel-wire armored, braided-armored and steel-tape armored cables.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-1, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-1, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-VI / G M20X1.5	M20X1.5	6-10	15	16
BDM-VI / G M25X1.5	M25X1.5	10-14	15	16
BDM-VI / G M32X1.5	M32X1.5	12-18	17	18
BDM-VI / G M40X1.5	M40X1.5	15-26	17	19
BDM-VI / G M50X1.5	M50X1.5	18-30	19	19
BDM-VI / G M63X1.5	M63X1.5	25-42	19	19
BDM-VI / G M75X1.5	M75X1.5	30-50	19	20
BDM-VI / G M90X1.5	M90X1.5	38-60	19	20

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-VI / G G1/2	G1/2	6-10	15	16
BDM-VI / G G3/4	G3/4	10-14	15	16
BDM-VI / G G1	G1	12-18	17	18
BDM-VI / G G1 1/4	G1 1/4	15-26	17	19
BDM-VI / G G1 1/2	G1 1/2	18-30	19	19
BDM-VI / G G2	G2	25-42	19	19
BDM-VI / G G2 1/2	G2 1/2	30-50	19	20
BDM-VI / G G3	G3	38-60	19	20
BDM-VI / G G4	G4	48-80	19	22

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-VI / G NPT1/2	NPT1/2	6-10	15	16
BDM-VI / G NPT3/4	NPT3/4	10-14	15	16

Model	Thread (NPT)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-VI / G NPT1	NPT1	12-18	17	18
BDM-VI / G NPT1 1/4	NPT1 1/4	15-26	17	19
BDM-VI / G NPT1 1/2	NPT1 1/2	18-30	19	19
BDM-VI / G NPT2	NPT2	25-42	19	19
BDM-VI / G NPT2 1/2	NPT2 1/2	30-50	19	20
BDM-VI / G NPT3	NPT3	38-60	19	20
BDM-VI / G NPT4	NPT4	48-80	19	22

BDM-VI/D Explosion-Proof Cable Gland

BDM-VI/D



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for armored cable and cable wiring, and for the clamping and sealing of steel-wire armored, braided-armored and steel-tape armored cables.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-1, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-1, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-VI / D M20X1.5	M20X1.5	6-10	15	16
BDM-VI / D M25X1.5	M25X1.5	10-14	15	16
BDM-VI / D M32X1.5	M32X1.5	12-18	17	18
BDM-VI / D M40X1.5	M40X1.5	15-26	17	19
BDM-VI / D M50X1.5	M50X1.5	18-30	19	19
BDM-VI / D M63X1.5	M63X1.5	25-42	19	19
BDM-VI / D M75X1.5	M75X1.5	30-50	19	20
BDM-VI / D M90X1.5	M90X1.5	38-60	19	20

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-VI / D G1/2	G1/2	6-10	15	16
BDM-VI / D G3/4	G3/4	10-14	15	16
BDM-VI / D G1	G1	12-18	17	18
BDM-VI / D G1 1/4	G1 1/4	15-26	17	19
BDM-VI / D G1 1/2	G1 1/2	18-30	19	19
BDM-VI / D G2	G2	25-42	19	19
BDM-VI / D G2 1/2	G2 1/2	30-50	19	20
BDM-VI / D G3	G3	38-60	19	20
BDM-VI / D G4	G4	48-80	19	22

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-VI / D NPT1/2	NPT1/2	6-10	15	16
BDM-VI / D NPT3/4	NPT3/4	10-14	15	16

Model	Thread (NPT)	Cable O.D. Φ (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
BDM-VI / D NPT1	NPT1	12-18	17	18
BDM-VI / D NPT1 1/4	NPT1 1/4	15-26	17	19
BDM-VI / D NPT1 1/2	NPT1 1/2	18-30	19	19
BDM-VI / D NPT2	NPT2	25-42	19	19
BDM-VI / D NPT2 1/2	NPT2 1/2	30-50	19	20
BDM-VI / D NPT3	NPT3	38-60	19	20
BDM-VI / D NPT4	NPT4	48-80	19	22

BDM-VII/D Explosion-Proof Cable Gland

BDM-VII/D



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for armored cable and cable wiring, and for the clamping and sealing of steel-wire armored, braided-armored and steel-tape armored cables.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-1, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-1, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Inlet Cable O.D. (mm)	Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VII / D M20X1.5	M20X1.5	5-10	8-15	15
BDM-VII / D M25X1.5	M25X1.5	8-15	11-20	15
BDM-VII / D M32X1.5	M32X1.5	11-20	14-27	17
BDM-VII / D M40X1.5	M40X1.5	14-27	19-33	19
BDM-VII / D M50X1.5	M50X1.5	16-31	22-40	19
BDM-VII / D M63X1.5	M63X1.5	29-43	29-50	20
BDM-VII / D M75X1.5	M75X1.5	38-55	35-63	21

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Inlet Cable O.D. (mm)	Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VII / D G1/2	G1/2	5-10	8-15	15
BDM-VII / D G3/4	G3/4	8-15	11-20	15
BDM-VII / D G1	G1	11-20	14-27	17
BDM-VII / D G1 1/4	G1 1/4	14-27	19-33	19
BDM-VII / D G1 1/2	G1 1/2	16-31	22-40	19
BDM-VII / D G2	G2	29-43	29-50	20
BDM-VII / D G2 1/2	G2 1/2	38-55	35-63	21
BDM-VII / D G3	G3	48-65	41-77	24
BDM-VII / D G4	G4	48-90	61-104	26
NPT Ex db IIC Gb / Ex tb IIIC Db				

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Inlet Cable O.D. (mm)	Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VII / D G1/2	NPT1/2	5-10	8-15	15
BDM-VII / D G3/4	NPT3/4	8-15	11-20	15

Model	Thread (NPT)	Inlet Cable O.D. (mm)	Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VII / D G1	NPT1	11-20	14-27	17
BDM-VII / D G1 1/4	NPT1 1/4	14-27	19-33	19
BDM-VII / D G1 1/2	NPT1 1/2	16-31	22-40	19
BDM-VII / D G2	NPT2	29-43	29-50	20
BDM-VII / D G2 1/2	NPT2 1/2	38-55	35-63	21
BDM-VII / D G3	NPT3	48-65	41-77	24
BDM-VII / D G4	NPT4	48-90	61-104	26

BDM-VII/G Explosion-Proof Cable Gland

BDM-VII/G



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for armored cable and cable wiring, and for the clamping and sealing of steel-wire armored, braided-armored and steel-tape armored cables.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-1, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-1, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Inlet Cable O.D. (mm)	Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VII / G M20X1.5	M20X1.5	5-10	8-15	15
BDM-VII / G M25X1.5	M25X1.5	8-15	11-20	15
BDM-VII / G M32X1.5	M32X1.5	11-20	14-27	17
BDM-VII / G M40X1.5	M40X1.5	14-27	19-33	19
BDM-VII / G M50X1.5	M50X1.5	16-31	22-40	19
BDM-VII / G M63X1.5	M63X1.5	29-43	29-50	20

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Inlet Cable O.D. (mm)	Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VII / G M75X1.5	M75X1.5	38-55	35-63	21
BDM-VII / G M90X1.5	M90X1.5	48-65	41-77	24
BDM-VII / G M115X1.5	M115X1.5	48-90	61-104	26
G Ex eb IIC Gb / Ex tb IIIC Db				

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Inlet Cable O.D. (mm)	Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VII / G G1/2	G1/2	5-10	8-15	15
BDM-VII / G G3/4	G3/4	8-15	11-20	15
BDM-VII / G G1	G1	11-20	14-27	17
BDM-VII / G G1 1/4	G1 1/4	14-27	19-33	19
BDM-VII / G G1 1/2	G1 1/2	16-31	22-40	19
BDM-VII / G G2	G2	29-43	29-50	20
BDM-VII / G G2 1/2	G2 1/2	38-55	35-63	21
BDM-VII / G G3	G3	48-65	41-77	24
BDM-VII / G G4	G4	48-90	61-104	26

Model	Thread (G)	Inlet Cable O.D. (mm)	Outlet Cable O.D. (mm)	Thread Length (mm)
NPT Ex db IIC Gb / Ex tb IIIC Db				

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Inlet Cable O.D. (mm)	Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VII / G G1/2	NPT1/2	5-10	8-15	15
BDM-VII / G G3/4	NPT3/4	8-15	11-20	15
BDM-VII / G G1	NPT1	11-20	14-27	17
BDM-VII / G G1 1/4	NPT1 1/4	14-27	19-33	19
BDM-VII / G G1 1/2	NPT1 1/2	16-31	22-40	19
BDM-VII / G G2	NPT2	29-43	29-50	20
BDM-VII / G G2 1/2	NPT2 1/2	38-55	35-63	21
BDM-VII / G G3	NPT3	48-65	41-77	24
BDM-VII / G G4	NPT4	48-90	61-104	26

BDM-VIII/D Explosion-Proof Cable Gland

BDM-VIII/D



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for armored cable and cable wiring, and for the clamping and sealing of steel-wire armored, braided-armored and steel-tape armored cables.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-1, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-1, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Φ Inlet Cable O.D. (mm)	Φ Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VIII / D M20X1.5	M20X1.5	8-15	12	15
BDM-VIII / D M25X1.5	M25X1.5	11-20	16	15
BDM-VIII / D M32X1.5	M32X1.5	14-27	20	17
BDM-VIII / D M40X1.5	M40X1.5	19-33	26	19
BDM-VIII / D M50X1.5	M50X1.5	22-40	33	19

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Φ Inlet Cable O.D. (mm)	Φ Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VIII / D M63X1.5	M63X1.5	29-50	43.5	20
BDM-VIII / D M75X1.5	M75X1.5	35-63	57	21
BDM-VIII / D M90X1.5	M90X1.5	41-77	72	24
BDM-VIII / D M115X1.5	M115X1.5	61-104	94	26
G Ex eb IIC Gb / Ex tb IIIC Db				

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Φ Inlet Cable O.D. (mm)	Φ Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VIII / D G1/2	G1/2	8-15	12	15
BDM-VIII / D G3/4	G3/4	11-20	16	15
BDM-VIII / D G1	G1	14-27	20	17
BDM-VIII / D G1 1/4	G1 1/4	19-33	26	19
BDM-VIII / D G1 1/2	G1 1/2	22-40	33	19
BDM-VIII / D G2	G2	29-50	43.5	20
BDM-VIII / D G2 1/2	G2 1/2	35-63	57	21
BDM-VIII / D G3	G3	41-77	72	24
BDM-VIII / D G4	G4	61-104	94	26

Model	Thread (G)	Φ Inlet Cable O.D. (mm)	Φ Outlet Cable O.D. (mm)	Thread Length (mm)
NPT Ex db IIC Gb / Ex tb IIIC Db				

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Φ Inlet Cable O.D. (mm)	Φ Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VIII / D NPT1/2	NPT1/2	8-15	12	15
BDM-VIII / D NPT3/4	NPT3/4	11-20	16	15
BDM-VIII / D NPT1	NPT1	14-27	20	17
BDM-VIII / D NPT1 1/4	NPT1 1/4	19-33	26	19
BDM-VIII / D NPT1 1/2	NPT1 1/2	22-40	33	19
BDM-VIII / D NPT2	NPT2	29-50	43.5	20
BDM-VIII / D NPT2 1/2	NPT2 1/2	35-63	57	21
BDM-VIII / D NPT3	NPT3	41-77	72	24
BDM-VIII / D NPT4	NPT4	61-104	94	26

BDM-VIII/G Explosion-Proof Cable Gland

BDM-VIII/G



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres. Suitable for armored cable and cable wiring, and for the clamping and sealing of steel-wire armored, braided-armored and steel-tape armored cables.
Product Characteristics	The silicone rubber sealing ring provides an internal seal for the inner sheath after stripping; the sealed clamping assembly covers a wider range of cable specifications.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP66
Operating Temperature	-60°C to +100°C
Product Material	Brass nickel plated, 304 stainless steel, 316 stainless steel; others available on request
Interface Threads	M metric, NPT pipe and G pipe threads; others available on request
Executive Standards	GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-1, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-1, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Φ Inlet Cable O.D. (mm)	Φ Outlet Cable O.D. (mm)
M20X1.5	8-15	12	15
M25X1.5	11-20	16	15
M32X1.5	14-27	20	17
M40X1.5	19-33	26	19
M50X1.5	22-40	33	19

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Φ Inlet Cable O.D. (mm)	Φ Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VIII / G M63X1.5	M63X1.5	29-50	43.5	20
BDM-VIII / G M75X1.5	M75X1.5	35-63	57	21
BDM-VIII / G M90X1.5	M90X1.5	41-77	72	24
BDM-VIII / G M115X1.5	M115X1.5	61-104	94	26

G Thread Ex eb IIC Gb/Ex tb IIIC Db

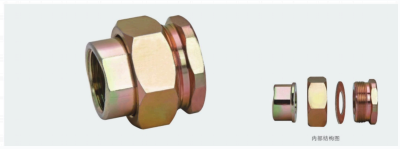
Model	Thread (G)	Φ Inlet Cable O.D. (mm)	Φ Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VIII / G G1/2	G1/2	8-15	12	15
BDM-VIII / G G3/4	G3/4	11-20	16	15
BDM-VIII / G G1	G1	14-27	20	17
BDM-VIII / G G1 1/4	G1 1/4	19-33	26	19
BDM-VIII / G G1 1/2	G1 1/2	22-40	33	19
BDM-VIII / G G2	G2	29-50	43.5	20
BDM-VIII / G G2 1/2	G2 1/2	35-63	57	21
BDM-VIII / G G3	G3	41-77	72	24
BDM-VIII / G G4	G4	61-104	94	26

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Φ Inlet Cable O.D. (mm)	Φ Outlet Cable O.D. (mm)	Thread Length (mm)
BDM-VIII / G NPT1/2	NPT1/2	8-15	12	15
BDM-VIII / G NPT3/4	NPT3/4	11-20	16	15
	NPT1	14-27	20	17
BDM-VIII / G NPT1 1/4	NPT1 1/4	19-33	26	19
BDM-VIII / G NPT1 1/2	NPT1 1/2	22-40	33	19
	NPT2	29-50	43.5	20
BDM-VIII / G NPT2 1/2	NPT2 1/2	35-63	57	21
	NPT3	41-77	72	24
	NPT4	61-104	94	26

BHJ-I.A Explosion-Proof Union - Type A

BHJ-I.A



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Structure	Internal thread at both ends
Product Characteristics	Manufactured from 304 stainless steel. Thread sizes can be specially machined to customer requirements, including NPT, imperial and metric non-standard threads.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Product Material	304 stainless steel
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.A M20X1.5	M20X1.5	16	16	40	15	34/38
BHJ-I.A M25X1.5	M25X1.5	16	16		20	41/46
BHJ-I.A M32X1.5	M32X1.5	20	20	46	25	45/50
BHJ-I.A M40X1.5	M40X1.5	20	20		32	55/60
BHJ-I.A M50X1.5	M50X1.5	20	20	46	38	68/73
BHJ-I.A M63X1.5	M63X1.5	22	22		50	76/83
BHJ-I.A M75X1.5	M75X1.5	22	22	52	65	100/105
BHJ-I.A M90X2	M90X1.5	24	24		76	110/115
BHJ-I.A M115X2	M115X1.5	24	24	56	100	138/140
G Ex eb IIC Gb / Ex tb IIIC Db						

G Thread Ex eb IIC Gb/Ex tb IIIC Db

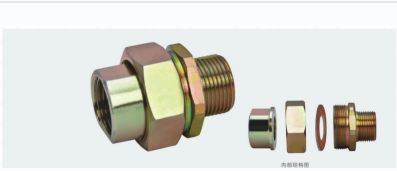
Model	Thread (G)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.A G1/2	G1/2	16	16	40	15	34/38
BHJ-I.A G3/4	G3/4	16	16		20	41/46
BHJ-I.A G1	G1	20	20	46	25	45/50
BHJ-I.A G1 1/4	G1 1/4	20	20		32	55/60
BHJ-I.A G1 1 2	G1/1 2	20	20	46	38	68/73
BHJ-I.A G2	G2	22	22		50	76/83
BHJ-I.A G2 1 2	G2/1 2	22	22	52	65	100/105
BHJ-I.A G3	G3	24	24		76	110/115
BHJ-I.A G4	G4	24	24	56	100	138/140
NPT Ex db IIC Gb / Ex tb IIIC Db						

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.A NPT1/2	NPT1/2	16	16	40	15	34/38
BHJ-I.A NPT3/4	NPT3/4	16	16		20	41/46
BHJ-I.A NPT1	NPT1	20	20	46	25	45/50
BHJ-I.A NPT1 1/4	NPT1 1/4	20	20		32	55/60
BHJ-I.A NPT1 1/2	NPT1 1/2	20	20	46	38	68/73
BHJ-I.A NPT2	NPT2	22	22		50	76/83
BHJ-I.A NPT2 1/2	NPT2 1/2	22	22	52	65	100/105
BHJ-I.A NPT3	NPT3	24	24		76	110/115
BHJ-I.A NPT4	NPT4	24	24	56	100	138/140

BHJ-I Explosion-Proof Union - Type B

BHJ-I.B



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Structure	One end internal thread, one end external thread
Product Characteristics	Manufactured from 304 stainless steel. Thread sizes can be specially machined to customer requirements, including NPT, imperial and metric non-standard threads.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Product Material	304 stainless steel
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.B M20X1.5	M20X1.5	16	16	55	15	34/38
BHJ-I.B M25X1.5	M25X1.5	16	16	56	20	41/46
BHJ-I.B M32X1.5	M32X1.5	20	20	66	25	45/50
BHJ-I.B M40X1.5	M40X1.5	20	20	66	32	55/60
BHJ-I.B M50X1.5	M50X1.5	20	20	66	38	68/73
BHJ-I.B M63X1.5	M63X1.5	22	22	75	50	76/83
BHJ-I.B M75X1.5	M75X1.5	22	22	75	65	100/105
BHJ-I.B M90X2	M90X1.5	24	24	79	76	110/115
BHJ-I.B M115X2	M115X1.5	24	24	81	100	138/140

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.B G1/2	G1/2	16	16	55	15	34/38
BHJ-I.B G3/4	G3/4	16	16	56	20	41/46
BHJ-I.B G1	G1	20	20	66	25	45/50
BHJ-I.B G1 1/4	G1 1/4	20	20	66	32	55/60
BHJ-I.B G1 1 2	G1/1 2	20	20	66	38	68/73
BHJ-I.B G2	G2	22	22	75	50	76/83
BHJ-I.B G2 1 2	G2/1 2	22	22	75	65	100/105
BHJ-I.B G3	G3	24	24	79	76	110/115
BHJ-I.B G4	G4	24	24	81	100	138/140
NPT Ex db IIC Gb / Ex tb IIIC Db						

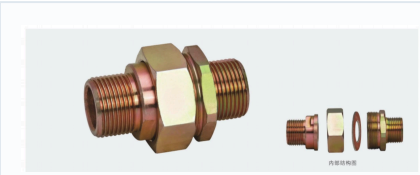
NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.B NPT1/2	NPT1/2	16	16	55	15	34/38

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.B NPT3/4	NPT3/4	16	16	56	20	41/46
BHJ-I.B NPT1	NPT1	20	20	66	25	45/50
BHJ-I.B NPT1 1/4	NPT1 1/4	20	20	66	32	55/60
BHJ-I.B NPT1 1/2	NPT1 1/2	20	20	66	38	68/73
BHJ-I.B NPT2	NPT2	22	22	75	50	76/83
BHJ-I.B NPT2 1/2	NPT2 1/2	22	22	75	65	100/105
BHJ-I.B NPT3	NPT3	24	24	79	76	110/115
BHJ-I.B NPT4	NPT4	24	24	81	100	138/140

BHJ-I Explosion-Proof Union - Type C

BHJ-I.C



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Structure	External thread at both ends
Product Characteristics	Manufactured from 304 stainless steel. Thread sizes can be specially machined to customer requirements, including NPT, imperial and metric non-standard threads.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Product Material	304 stainless steel
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.C M20X1.5	M20X1.5	16	16	64	15	34/38
BHJ-I.C M25X1.5	M25X1.5	16	16	65	20	41/46
BHJ-I.C M32X1.5	M32X1.5	20	20	76	25	45/50
BHJ-I.C M40X1.5	M40X1.5	20	20	76	32	55/60
BHJ-I.C M50X1.5	M50X1.5	20	20	76	38	68/73
BHJ-I.C M63X1.5	M63X1.5	22	22	86	50	76/83
BHJ-I.C M75X1.5	M75X1.5	22	22	86	65	100/105
BHJ-I.C M90X2	M90X1.5	24	24	92	76	110/115
BHJ-I.C M115X2	M115X1.5	24	24	94	100	138/140
G Ex eb IIC Gb / Ex tb IIIC Db						

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.C G1/2	G1/2	16	16	64	15	34/38
BHJ-I.C G3/4	G3/4	16	16	65	20	41/46
BHJ-I.C G1	G1	20	20	76	25	45/50
BHJ-I.C G1 1/4	G1 1/4	20	20	76	32	55/60
BHJ-I.C G1 1 2	G1/1 2	20	20	76	38	68/73
BHJ-I.C G2	G2	22	22	86	50	76/83
BHJ-I.C G2 1 2	G2/1 2	22	22	86	65	100/105
BHJ-I.C G3	G3	24	24	92	76	110/115
BHJ-I.C G4	G4	24	24	94	100	138/140
NPT Ex db IIC Gb / Ex tb IIIC Db						

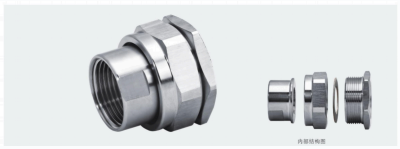
NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.C NPT1/2	NPT1/2	16	16	64	15	34/38

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D. (S)
BHJ-I.C NPT3/4	NPT3/4	16	16	65	20	41/46
BHJ-I.C NPT1	NPT1	20	20	76	25	45/50
BHJ-I.C NPT1 1/4	NPT1 1/4	20	20	76	32	55/60
BHJ-I.C NPT1 1/2	NPT1 1/2	20	20	76	38	68/73
BHJ-I.C NPT2	NPT2	22	22	86	50	76/83
BHJ-I.C NPT2 1/2	NPT2 1/2	22	22	86	65	100/105
BHJ-I.C NPT3	NPT3	24	24	92	76	110/115
BHJ-I.C NPT4	NPT4	24	24	94	100	138/140

BHJ-II Explosion-Proof Union - Type A

BHJ-II.A



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Structure	Internal thread at both ends
Product Characteristics	Manufactured from 304 stainless steel. Thread sizes can be specially machined to customer requirements, including NPT, imperial and metric non-standard threads.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Product Material	304 stainless steel
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D.
BHJ-II.A M20X1.5	M20X1.5	16	16	40	15	34/38
BHJ-II.A M25X1.5	M25X1.5	16	16	40	20	41/46
BHJ-II.A M32X1.5	M32X1.5	20	20	46	25	45/50
BHJ-II.A M40X1.5	M40X1.5	20	20	46	32	55/60
BHJ-II.A M50X1.5	M50X1.5	20	20	46	38	68/73
BHJ-II.A M63X1.5	M63X1.5	22	22	52	50	76/83
BHJ-II.A M75X1.5	M75X1.5	22	22	52	65	100/105
BHJ-II.A M90X2	M90X1.5	24	24	56	76	110/115
BHJ-II.A M115X2	M115X1.5	24	24	56	100	138/140

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D.
BHJ-II.A G1/2	G1/2	16	16	40	15	34/38
BHJ-II.A G3/4	G3/4	16	16	40	20	41/46
BHJ-II.A G1	G1	20	20	46	25	45/50
BHJ-II.A G1 1/4	G1 1/4	20	20	46	32	55/60
BHJ-II.A G1 1 2	G1/1 2	20	20	46	38	68/73
BHJ-II.A G2	G2	22	22	52	50	76/83
BHJ-II.A G2 1 2	G2/1 2	22	22	52	65	100/105
BHJ-II.A G3	G3	24	24	56	76	110/115
BHJ-II.A G4	G4	24	24	56	100	138/140
NPT Ex db IIC Gb / Ex tb IIIC Db						

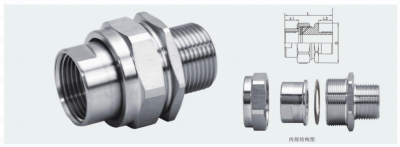
NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D.
BHJ-II.A NPT1/2	NPT1/2	16	16	40	15	34/38

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D.
BHJ-II.A NPT3/4	NPT3/4	16	16	40	20	41/46
BHJ-II.A NPT1	NPT1	20	20	46	25	45/50
BHJ-II.A NPT1 1/4	NPT1 1/4	20	20	46	32	55/60
BHJ-II.A NPT11/2	NPT1 1/2	20	20	46	38	68/73
BHJ-II.A NPT2	NPT2	22	22	52	50	76/83
BHJ-II.A NPT2 1/2	NPT2 1/2	22	22	52	65	100/105
BHJ-II.A NPT3	NPT3	24	24	56	76	110/115
BHJ-II.A NPT4	NPT4	24	24	56	100	138/140

BHJ-II.B Explosion-Proof Union - Type B

BHJ-II.B



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Structure	One end internal thread, one end external thread
Product Characteristics	Manufactured from 304 stainless steel. Thread sizes can be specially machined to customer requirements, including NPT, imperial and metric non-standard threads.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Product Material	304 stainless steel
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIICDb

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D.
BHJ-II.B M20X1.5	M20X1.5	16	16	55	15	34/38
BHJ-II.B M25X1.5	M25X1.5	16	16	56	20	41/46
BHJ-II.B M32X1.5	M32X1.5	20	20	66	25	45/50
BHJ-II.B M40X1.5	M40X1.5	20	20	66	32	55/60
BHJ-II.B M50X1.5	M50X1.5	20	20	66	38	68/73
BHJ-II.B M63X1.5	M63X1.5	22	22	75	50	76/83
BHJ-II.B M75X1.5	M75X1.5	22	22	75	65	100/105
BHJ-II.B M90X2	M90X1.5	24	24	79	76	110/115
BHJ-II.B M115X2	M115X1.5	24	24	81	100	136/140

G Thread Ex ebIIC Gb/Ex tb IIICDb

Model	Thread (G)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D.
BHJ-II.B G1/2	G1/2	16	16	55	15	34/38
BHJ-II.B G3/4	G3/4	16	16	56	20	41/46
BHJ-II.B G1	G1	20	20	66	25	45/50
BHJ-II.B G11/4	G11/4	20	20	66	32	55/60
BHJ-II.B G11/2	G11/2	20	20	66	38	68/73
BHJ-II.B G2	G2	22	22	75	50	76/83
BHJ-II.B G21/2	G21/2	22	22	75	65	100/105
BHJ-II.B G3	G3	24	24	79	76	110/115
BHJ-II.B G4	G4	24	24	81	100	138/140
NPT Ex db IIC Gb / Ex tb IIIC Db						

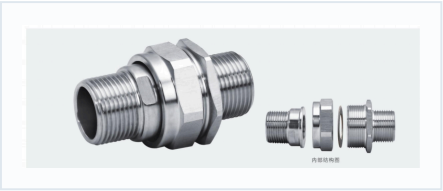
NPT Thread Ex db IIC Gb/Extb IIIC Db

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D.
BHJ-II.B NPT1/2	NPT1/2	16	16	55	15	34/38

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (B)	Spanner Flats / Max O.D.
BHJ-II.B NPT3/4	NPT3/4	16	16	56	20	41/46
BHJ-II.B NPT1	NPT1	20	20	66	25	45/50
BHJ-II.B NPT11/4	NPT11/4	20	20	66	32	55/60
BHJ-II.B NPT11/2	NPT11/2	20	20	66	38	68/73
BHJ-II.B NPT2	NPT2	22	22	75	50	76/83
BHJ-II.B NPT21/2	NPT21/2	22	22	75	65	100/105
BHJ-II.B NPT3	NPT3	24	24	79	76	110/115
BHJ-II.B NPT4	NPT4	24	24	81	100	138/140

BHJ-II.C Explosion-Proof Union - Type C

BHJ-II.C



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Structure	External thread at both ends
Product Characteristics	Manufactured from 304 stainless steel. Thread sizes can be specially machined to customer requirements, including NPT, imperial and metric non-standard threads.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Product Material	304 stainless steel
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (M)	Spanner Flats / Max O.D. (RC)
BHJ-II.C M20X1.5	M20X1.5	16	16	64	15	34/38
BHJ-II.C M25X1.5	M25X1.5	16	16	65	20	41/46
BHJ-II.C M32X1.5	M32X1.5	20	20	76	25	45/50
BHJ-II.C M40X1.5	M40X1.5	20	20	76	32	55/60
BHJ-II.C M50X1.5	M50X1.5	20	20	76	38	68/73
BHJ-II.C M63X1.5	M63X1.5	22	22	86	50	76/83
BHJ-II.C M75X1.5	M75X1.5	22	22	86	65	100/105
BHJ-II.C M90X2	M90X1.5	24	24	92	76	110/115
BHJ-II.C M115X2	M115X1.5	24	24	94	100	136/140

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (M)	Spanner Flats / Max O.D. (RC)
BHJ-II.C G1/2	G1/2	16	16	64	15	34/38
BHJ-II.C G3/4	G3/4	16	16	65	20	41/46
BHJ-II.C G1	G1	20	20	76	25	45/50
BHJ-II.C G1 1/4	G1 1/4	20	20	76	32	55/60
BHJ-II.C G1 1/2	G1 1/2	20	20	76	38	68/73
BHJ-II.C G2	G2	22	22	86	50	76/83
BHJ-II.C G2 1/2	G2 1/2	22	22	86	65	100/105
BHJ-II.C G3	G3	24	24	92	76	110/115
BHJ-II.C G4	G4	24	24	94	100	138/140
NPT Ex db IIC Gb / Ex tb I IIC Db						

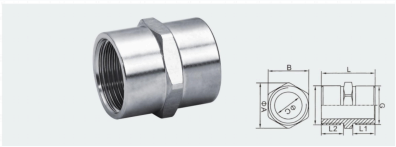
NPT Thread Ex db IIC Gb/Ex tb I IC Db

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (M)	Spanner Flats / Max O.D. (RC)
BHJ-II.C NPT1/2	NPT1/2	16	16	64	15	34/38

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (M)	Spanner Flats / Max O.D. (RC)
BHJ-II.C NPT3/4	NPT3/4	16	16	65	20	41/46
BHJ-II.C NPT1	NPT1	20	20	76	25	45/50
BHJ-II.C NPT1 1/4	NPT1 1/4	20	20	76	32	55/60
BHJ-II.C NPT1 1/2	NPT1 1/2	20	20	76	38	68/73
BHJ-II.C NPT2	NPT2	22	22	86	50	76/83
BHJ-II.C NPT2 1/2	NPT2 1/2	22	22	86	65	100/105
BHJ-II.C NPT3	NPT3	24	24	92	76	110/115
BHJ-II.C NPT4	NPT4	24	24	94	100	138/140

BGJ Explosion-Proof Conduit Union - Type A

BGJ.A



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Structure	Internal thread at both ends
Product Characteristics	Manufactured from high-quality carbon steel. Thread sizes can be specially machined to customer requirements, including NPT, imperial and metric non-standard threads.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Product Material	Carbon steel (standard) or stainless steel (optional)
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. Φ (mm)	I.D. Φ (C)
BHJ-II.A M20X1.5	M20X1.5			36	27	26
BHJ-II.A M25X1.5	M25X1.5			36	32	31
BHJ-II.A M32X1.5	M32X1.5			42	38	37
BHJ-II.A M40X1.5	M40X1.5			48	47	46
BHJ-II.A M50X1.5	M50X1.5			48	55	54
BHJ-II.A M63X1.5	M63X1.5			54	66	64
BHJ-II.A M75X1.5	M75X1.5			54	83	82
BHJ-II.A M90X2	M90X1.5			60	95	94
BHJ-II.A M115X2	M115X1.5			60	122	121
G Ex eb IIC Gb / Ex tb IIIC Db						

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. Φ (mm)	I.D. Φ (C)
BHJ-II.A G1/2	G1/2			36	27	26
BHJ-II.A G3/4	G3/4			36	32	31
BHJ-II.A G1	G1			42	38	37
BHJ-II.A G1 1/4	G1 1/4			48	47	46
BHJ-II.A G1 1/2	G1 1/2			48	55	54
BHJ-II.A G2	G2			54	66	64
BHJ-II.A G2 1/2	G2 1/2			54	83	82
BHJ-II.A G3	G3			60	95	94
BHJ-II.A G4	G4			60	122	121
NPT Ex db IIC Gb / Ex tb IIIC Db						

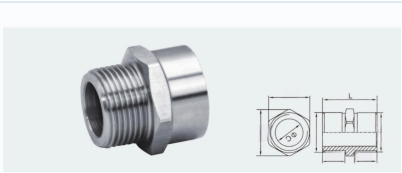
NPT Thread Ex db IC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. Φ (mm)	I.D. Φ (C)
BHJ-II.A NPT1/2	NPT1/2			36	27	26

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. Φ (mm)	I.D. Φ (C)
BHJ-II.A NPT3/4	NPT3/4			36	32	31
BHJ-II.A NPT1	NPT1			42	38	37
BHJ-II.A NPT1 1/4	NPT1 1/4			48	47	46
BHJ-II.A NPT11/2	NPT1 1/2			48	55	54
BHJ-II.A NPT2	NPT2			54	66	64
BHJ-II.A NPT2 1/2	NPT2 1/2			54	83	82
BHJ-II.A NPT3	NPT3			60	95	94
BHJ-II.A NPT4	NPT4			60	122	121

BGJ Explosion-Proof Conduit Union - Type B

BGJ.B



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Structure	One end internal thread, one end external thread
Product Characteristics	Manufactured from high-quality carbon steel. Thread sizes can be specially machined to customer requirements, including NPT, imperial and metric non-standard threads.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Product Material	Carbon steel (standard) or stainless steel (optional)
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (D)	I.D. Φ (C)
BHJ-II M20X1.5	M20X1.5	18	18	40	30	14
BHJ-II M25X1.5	M25X1.5	18	18	40	36	18
BHJ-II M32X1.5	M32X1.5	20	22	48	42	25

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (D)	I.D. Φ (C)
BHJ-II M40X1.5	M40X1.5	20	22	48	52	32
BHJ-II M50X1.5	M50X1.5	20	22	48	60	38
BHJ-II M63X1.5	M63X1.5	22	26	54	70	50
BHJ-II M75X1.5	M75X1.5	22	26	54	88	65
BHJ-II M90X2	M90X1.5	24	30	60	100	75
BHJ-II M115X2	M115X1.5	24	30	60	127	100
G Ex eb IIC Gb / Ex tb IIC Db						

G Thread Exeb IIC Gb/Ex tb IC Db

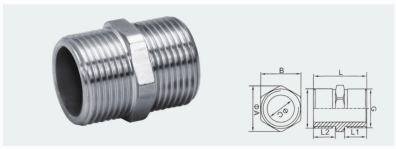
Model	Thread (G)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (D)	I.D. Φ (C)
BHJ-II G1/2	G1/2	18	18	40	30	14
BHJ-II G3/4	G3/4	18	18	40	36	18
BHJ-II G1	G1	20	22	48	42	25
BHJ-II G1 1/4	G1 1/4	20	22	48	52	32
BHJ-II G1 1/2	G1 1/2	20	22	48	60	38
BHJ-II G2	G2	22	26	54	70	50
BHJ-II G2 1/2	G2 1/2	22	26	54	88	65
BHJ-II G3	G3	24	30	60	100	75
BHJ-II G4	G4	24	30	60	127	100
NPT Ex db IIC Gb / Ex tb IIIC Db						

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (D)	I.D. Φ (C)
BHJ-II NPT1/2	Th d AG NPT1/2	18	18	40	30	14
BHJ-II NPT3/4	NPT3/4	18	18	40	36	18
BHJ-II NPT1	NPT1	20	22	48	42	25
BHJ-II NPT1 1/4	NPT1 1/4	20	22	48	52	32
BHJ-II NPT11/2	NPT1 1/2	20	22	48	60	38
BHJ-II NPT2	NPT2	22	26	54	70	50
BHJ-II NPT2 1/2	NPT2 1/2	22	26	54	88	65
BHJ-II NPT3	NPT3	24	30	60	100	75
BHJ-II NPT4	NPT4	24	30	60	127	100

BGJ Explosion-Proof Conduit Union - Type C

BGJ.C



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Structure	External thread at both ends
Product Characteristics	Manufactured from high-quality carbon steel. Thread sizes can be specially machined to customer requirements, including NPT, imperial and metric non-standard threads.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Product Material	Carbon steel (standard) or stainless steel (optional)
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. Φ (mm)	Spanner Flats (S)
BHJ-II M20X1.5	M20X1.5	16.5	16.5	40	22	14
BHJ-II M25X1.5	M25X1.5	16.5	16.5	40	27	18
BHJ-II M32X1.5	M32X1.5	20	20	48	35	24
BHJ-II M40X1.5	M40X1.5	20	20	48	45	32
BHJ-II M50X1.5	M50X1.5	20	20	48	52	38
BHJ-II M63X1.5	M63X1.5	22	22	54	62	50

G Thread Exeb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. Φ (mm)	Spanner Flats (S)
BHJ-II G1/2	G1/2	16.5	16.5	40	22	14
BHJ-II G3/4	G3/4	16.5	16.5	40	27	18
BHJ-II G1	G1	20	20	48	35	24
BHJ-II G1 1/4	G1 1/4	20	20	48	45	32
BHJ-II G1 1/2	G1 1/2	20	20	48	52	38
BHJ-II G2	G2	22	22	54	62	50
BHJ-II G2 1/2	G2 1/2	22	22	54	80	65
BHJ-II G3	G3	25	25	60	93	75
BHJ-II G4	G4	25	25	60	120	100
NPT Ex db IIC Gb / Ex tb IIIC Db						

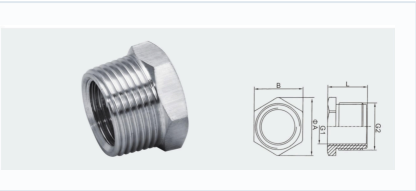
NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. Φ (mm)	Spanner Flats (S)
BHJ-II NPT1/2	NPT1/2	16.5	16.5	40	22	14
BHJ-II NPT3/4	NPT3/4	16.5	16.5	40	27	18
BHJ-II NPT1	NPT1	20	20	48	35	24
BHJ-II NPT1 1/4	NPT1 1/4	20	20	48	45	32

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. Φ (mm)	Spanner Flats (S)
BHJ-II NPT1 1/2	NPT1 1/2	20	20	48	52	38
BHJ-II NPT2	NPT2	22	22	54	62	50
BHJ-II NPT2 1/2	NPT2 1/2	22	22	54	80	65
BHJ-II NPT3	NPT3	25	25	60	93	75
BHJ-II NPT4	NPT4	25	25	60	120	100

BGJ Explosion-Proof Conduit Union - Type D

BGJ.D



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Structure	Reducing union
Product Characteristics	Manufactured from high-quality carbon steel. Thread sizes can be specially machined to customer requirements, including NPT, imperial and metric non-standard threads.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Product Material	Carbon steel (standard) or stainless steel (optional)
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Metric Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (M)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (R)	Bore Φ / Max O.D. (mm)
BHJ-II M20X1.5	M20X1.5	16.5	16.5	40	22	14
BHJ-II M25X1.5	M25X1.5	16.5	16.5	40	27	18
BHJ-II M32X1.5	M32X1.5	20	20	48	35	24
BHJ-II M40X1.5	M40X1.5	20	20	48	45	32
BHJ-II M50X1.5	M50X1.5	20	20	48	52	38
BHJ-II M63X1.5	M63X1.5	22	22	54	62	50
BHJ-II M75X1.5	M75X1.5	22	22	54	80	65

G Thread Ex eb IIC Gb/Ex tb IIIC Db

Model	Thread (G)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (R)	Bore Φ / Max O.D. (mm)
BHJ-II G1/2	G1/2	16.5	16.5	40	22	14
BHJ-II G3/4	G3/4	16.5	16.5	40	27	18
BHJ-II G1	G1	20	20	48	35	24
BHJ-II G11/4	G1 1/4	20	20	48	45	32
BHJ-II G11/2	G1 1/2	20	20	48	52	38
BHJ-II G2	G2	22	22	54	62	50
BHJ-II G21/2	G2 1/2	22	22	54	80	65
BHJ-II G3	G3	25	25	60	93	75
BHJ-II G4	G4	25	25	60	120	100
NPT Ex db IIC Gb / Ex tb IIIC Db						

NPT Thread Ex db IIC Gb/Ex tb IIIC Db

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (R)	Bore Φ / Max O.D. (mm)
BHJ-II NPT1/2	NPT1/2	16.5	16.5	40	22	14
BHJ-II NPT3/4	NPT3/4	16.5	16.5	40	27	18
BHJ-II NPT1	NPT1	20	20	48	35	24

Model	Thread (NPT)	Thread Length L1 (mm)	Thread Length L2 (mm)	Length (L)	Max O.D. (R)	Bore Φ / Max O.D. (mm)
BHJ-II NPT11/4	NPT11/4	20	20	48	45	32
BHJ-II NPT11/2	NPT11/2	20	20	48	52	38
BHJ-II NPT2	NPT2	22	22	54	62	50
BHJ-II NPT21/2	NPT21/2	22	22	54	80	65
BHJ-II NPT3	NPT3	25	25	60	93	75
BHJ-II NPT4	NPT4	25	25	60	120	100

NGd Explosion-Proof Flexible Conduit

NGd



Scope of Application	Suitable for hazardous areas such as petroleum extraction, oil refining, chemical and military industries. Applicable to Zone 1 and Zone 2 explosive gas atmospheres; Zone 20, 21 and 22 combustible dust atmospheres; and IIA, IIB and IIC explosive gas atmospheres.
Product Characteristics	The explosion-proof flexible conduit consists of a union and a connecting pipe; the connecting pipe is made of an inner tube and an outer sheath. The union is made of stainless steel or surface-treated high-quality carbon steel; the inner tube is made of corrugated or metal hose with good corrosion resistance. Flame retardant, corrosion resistant, water resistant, ageing resistant, highly flexible, robust and reliable. Thread sizes can be specially machined on request (NPT, imperial and metric). Standard lengths are 500 mm, 700 mm and 1000 mm; other lengths are available on request. Three material options are available.
Explosion-Proof Marking	Ex db IIC Gb / Ex eb IIC Gb / Ex tb IIIC Db
Protection Class	IP65
Interface Threads	M metric, NPT pipe and G pipe threads
Executive Standards	GB3836.1, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-7, IEC61241-0, IEC61241-1, EN60079-0, EN60079-7, EN61241-0, EN61241-1

Model	Thread (M)	Thread (NPT)	Thread (G)	Pipe O.D. I (mm)	Pipe O.D. II (mm)	Pipe O.D. III (mm)	Length L I (mm)	Length L II (mm)	Length L III (mm)	Min. Bending Radius (mm)
NGd-□-□x500□	M20x1.5	NPT1/2	G1/2"	13	14	14	500	500	500	80
NGd-□-□x700□	M20x1.5	NPT1/2	G1/2"	13	14	14	700	700	700	80
NGd-□-□x1000□	M20x1.5	NPT1/2	G1/2"	13	14	14	1000	1000	1000	80
NGd-□-□x500□	M25x1.5	NPT3/4	G3/4"	19	17	17	500	500	500	110
NGd-□-□x700□	M25x1.5	NPT3/4	G3/4"	19	17	17	700	700	700	110
NGd-□-□x1000□	M25X1.5	NPT3/4	G3/4"	19	17	17	1000	1000	1000	110
NGd-□-□x500□	M32x1.5	NPT1	G1"	23	23	23	500	500	500	146
NGd-□-□x700□	M32x1.5	NPT1	G1"	23	23	23	700	700	700	145
NGd-□-□x1000□	M32x1.5	NPT1	G1"	23	23	23	1000	1000	1000	145
NGd-□-□x500□	M40x1.5	NPT11/4	G11/4"	28	30	30	500	500	500	180
NGd-□-□x700□	M40x1.5	NPT11/4	G11/4"	28	30	30	700	700	700	180
NGd-□-□x1000□	M40x1.5	NPT11/4	G11/4"	28	30	30	1000	1000	1000	180
NGd-□-□x500□	M50x1.5	NPT11/2	G11/2"	32	35	35	500	500	500	210
NGd-□-□x700□	M50x1.5	NPT11/2	G11/2"	32	35	35	700	700	700	210
NGd-□-□x1000□	M50x1.5	NPT11/2	G11/2"	32	35	35	1000	1000	1000	210
NGd-□-□x500□	M63x1.5	NPT2	G2"	40	47	47	500	500	500	250

Model	Thread (M)	Thread (NPT)	Thread (G)	Pipe O.D. I (mm)	Pipe O.D. II (mm)	Pipe O.D. III (mm)	Length L I (mm)	Length L II (mm)	Length L III (mm)	Min. Bending Radius (mm)
NGd-□-□x700□	M63x1.5	NPT2	G2"	40	47	47	700	700	700	250
NGd-□-□x1000□	M63x1.5	NPT2	G2"	40	47	47	1000	1000	1000	250
NGd-□-□x700□	M75x1.5	NPT21/2	G21/2"	-	59	59	700	700	700	350
NGd-□-□x1000□	M75x1.5	NPT21/2	G21/2"	-	59	59	1000	1000	1000	350
NGd-□-□x700□	M90x2	NPT3	G3"	-	72	72	700	700	700	400
NGd-□-□x1000□	M90x2	NPT3	G3"	-	72	72	1000	1000	1000	400
NGd-□-□x700□	M115x2	NPT4	G4"	-	97	97	700	700	700	500
NGd-□-□x1000□	M115x2	NPT4	G4"	-	97	97	1000	1000	1000	500

Metal Hose Cable Gland

RG



Thread Specification	Pipe thread G, metric thread M and DIN PG thread
Product Material	Nickel-plated copper (symbol Cu) / stainless steel (SS) / carbon steel (Cs)
Construction	Parts A, C and F are made of high-quality brass; parts B, E and H are made of nitrile rubber (NBR); part G is made of steel sheet
Protection Degree	IP68
Operating Temperature	-40°C to +100°C, short-term up to +120°C
Features	• 1. Attractive appearance, compact structure and high strength. • 2. Interlocking hose jacket and clamping nut design for easy assembly and excellent tensile strength. • 3. Resistant to water, dust, salt, weak acid and alkali, alcohol, oil and common solvents. • 4. In addition to the standard sizes listed below, other sizes and thread standards are available on request.
Selection Example	RG.-M20x1.5(8-12)-Cu
Meaning	Metal hose cable gland M20x1.5, cable range 8-12 mm. (Simplified) M20-12: default pitch 1.5 mm; material may be omitted.

Material	Code
Stainless steel	SS
Nickel Plated Copper	Cu
Carbon steel	Cs

Metric Thread (M)

Thread Size	Model	Cable Range Φ (mm)	Compatible Conduit - Metric	Compatible Conduit - Imperial	Thread O.D. (mm)	Thread Length (mm)
M16X1.5	RG.M16-10	6-10	Φ10	1/4"	16	8
M20X1.5	RG.M20-12	8-12	Φ13	3/8"	20	8
M20X1.5	RG.M20-12	8-12	Φ16	1/2"	20	11
M25X1.5	RG.M25-14	10-14	Φ20	3/4"	25	14
M32X1.5	RG.M32-22	15-22	Φ25	1	32	15
M40X1.5	RG.M40-25	18-25	Φ32	1 1/4"	40	15
M50X1.5	RG.M50-32	26-32	Φ38	1 1/2"	50	16
M63X1.5	RG.M63-44	37-44	Φ51	2"	63	18

PG Thread

Thread Size	Model	Cable Range Φ (mm)	Compatible Conduit - Metric	Compatible Conduit - Imperial	Thread O.D. (mm)	Thread Length (mm)
PG29	RG.PG9-22	18-25	Φ25	1	37	15
PG29	RG.PG9-25	18-25	Φ32	1 1/4"	37	15
PG36	RG.PG9-32	26-32	Φ38	1 1/2"	47	16
PG48	RG.PG9-44	37-44	Φ51	2"	59.3	16
PG9	RG.PG9-8	4-8	Φ10	1/4"	15.2	8
PG11	RG.PG9-10	6-10	Φ13	3/8"	18.6	9
PG13.5	RG.PG9-12	8-12	Φ16	1/2"	20.4	11
PG21	RG.PG9-18	13-18	Φ20	3/4"	28.3	14

G Thread

Thread Size	Model	Cable Range Φ (mm)	Compatible Conduit - Metric	Compatible Conduit - Imperial	Thread O.D. (mm)	Thread Length (mm)
G3/8	RG.G3/8-8	4-8	Φ10	1/4"	16.5	8
G3/8"	RG.G3/8-10	6-10	Φ13	3/8"	16.5	8
G1/2"	RG.G1/2-12	8-12	Φ16	1/2"	21.3	11
G3/4"	RG.G3/4-18	13-18	Φ20	3/4"	26.6	14
G1"	RG.G1-22	15-22	Φ25	1	33.4	15
G1 1/4"	RG.G1 1/4-28	22-28	Φ32	1 1/4"	42.1	15
G1 1/2"	RG.G1 1/2-32	26-32	Φ38	1 1/2"	47.8	15
G2	RG.G2-44	37-44	Φ51	2"	59.6	16

DPJ End-Type Hose Connector

DPJ



Material	Nickel-plated brass / stainless steel 304 / 316L
Protective Ring	TPE
Sealing	Modified rubber
Hose Ferrule	Galvanized steel sheet / stainless steel 304
Protection Degree	IP66
Temperature Range	-40°C to +105°C. The hose specification and thread size must be stated, e.g. DPJ-15-G1/2" = 15 mm hose, G1/2" thread.

Compatible Conduit - Metric	Compatible Conduit - Imperial	Inch Thread	Thread Length (mm)	Metric Thread	PG Thread	Spanner Size Y (mm)
6Φ	3/16"	G1/4"	7	M12 / M14	PG7	18/16
8Φ	5/16"	G3/8"	7	M14 / M16	PG9	24/22
10Φ	1/4"	G3/8"	7	M16	PG9	24/22
12 (13)Φ	3/8"	G3/8"	10	M18 / M20	PG11 / PG13.5	26
15 (16)Φ	1/2"	G1/2"	12	M20 / M22 / M24	PG13.5 / PG16	30
20(19)Φ	3/4"	G3/4"	12	M25 / M27 / M30	PG21	35
25Φ	1"	G1"	14	M32 / M33 / M36	PG29	43
32Φ	1-1/4"	G1-1/4"	14	M36 / M40 / M42 / M48	PG29	52
38 (40)Φ	1-1/2"	G1-1/2"	16	M48 / M50	PG36 / PG42	60
51(50)Φ	2"	G2"	16	M60 / M63 / M64 / M72	PG48	75
64(70)Φ	2-1/2"	G2-1/2"	24	M76		89/87
75(80)Φ	3"	G3"	25	M88		102/97
100Φ	4"	G4"	25	M114		133/128
125Φ	5"	G5"	25	M140		158
150Φ	6"	G6"	25	M164		183

Locking Metal Hose Joint

RG-L



External Metal	Nickel-plated brass / stainless steel 304 / 316L
Sealing	Modified rubber
Core Sleeve	PA6
Ferrule	Galvanized steel / stainless steel
Sealing Ring	TPE
Protection Degree	IP65
Temperature	-40°C to +100°C, short-term up to +120°C

Model	Specification	Cable Range (mm)	Thread Length GL (mm)	Spanner Size (mm)	Compatible Conduit (Nominal I.D.)
SJRG-PG7	ΦPG7-6	3-5.5	6	18/17/14	Φ6
SJRG-PG9	ΦPG9-8	4-7	7	20/19/17	Φ8
SJRG-PG11	ΦPG11-10	5-9	7	24/23/20	Φ10
SJRG-PG13.5	ΦPG13.5-12	6-11	7	26/26/22	Φ12
SJRG-PG16	ΦPG16-15	8-14	7	30/30/24	Φ15
SJRG-PG21	ΦPG21-20	13-18	8	36/34/30	Φ20
SJRG-PG29	ΦPG29-25	15-22	8	45/45/40	Φ25
SJRG-PG36	ΦPG36-32	22-30	9	55/52/50	Φ32
SJRG-PG42	ΦPG42-38	30-35	9	60/58/58	Φ38
SJRG-PG48	ΦPG48-51	37-44	10	75/75/65	Φ51
SJRG-M12	ΦM12*1.5-6	3-5.5	6	1817/14	Φ6
SJRG-M16	ΦM16*15-8	4-7	7	20/19/18	Φ8
SJRG-M18	ΦM18*15-10	5-9	7	24/23/20	Φ10
SJRG-M20	ΦM20*1.5 12	6-11	7	26/26/20	Φ12
SJRG-M20	ΦM20*1.5-15	6-12	7	30/28/24	Φ15
SJRG-M22	ΦM22*1.5-15	8-14	7	30/30/24	Φ15
SJRG-M24	ΦM24*1.5-15	8-14	7	30/30/27	Φ15
SJRG-M25	ΦM25*15-15	8-14	7	30/30/28	Φ15
SJRG-M25	ΦM25*1.5-20	13-18	7	36/34/30	Φ20
SJRG-M32	M32*15*020	13-18	8	36/34/36	Φ25
SJRG-M32	ΦM32*1.5-25	15-22	8	45/40/36	Φ25
SJRG-M36	ΦM36*2-25	15-22	8	45/45/40	Φ25
SJRG-M40	ΦM40*15-32	22-30	9	55/52/45	Φ32
SJRG-M40	ΦM40*15-38	22-30	9	60/58/50	Φ38
SJRG-M48	ΦM48*15-32	22-32	9	55/52/55	Φ38
SJRG-M50	ΦM50*15-38	30-35	9	60/58/55	Φ38
SJRG-M50-51	ΦM50*15-51	30-35	9	75/75/75	Φ51
SJRG-M56	ΦM56*2-38	30-38	9	60/58/60	Φ38
SJRG-M60	ΦM60*15-51	37-44	10	75/75/70	Φ51
SJRG-M63	ΦM63*15-51	37-44	10	75/75/70	Φ51

90 Degree Flexible Conduit Connector

RG-90



External Metal	Nickel-plated brass / SS304 / 316L
Sealing Ring	TPE Sealing: Modified rubber Seal PA6 Ferrule: Galvanized steel / Stainless steel Protection degree: IP66
Temperature	-40°C to 100°C 90° connectors are primarily used for connecting SPR-AS hoses. 45° connectors are primarily used for connecting SPR-PVC-AS, SPR-PU-AS, and metal hoses.

90° L (mm)	45° * (mm)	Thread Size	Hose Size	Φ (mm)	GL (mm)	D (mm)	Spanner Size (mm)
6.5	6.5	M12 / M14 / M16	AD10	19	8	33	17
10	8.5	M14 / M16 / M18	AD14	24	9	43	21
12.5	11.5	M18 / M20 / M22	AD17 / AD19	28	10	55	25
16.5	15.5	M20 / M22 / M25 / M27	AD21	32.5	10	56	29
21.5	20.5	M25 / M27 / M30 / M32	AD27	39	14	73	34
29.5	27.5	M32 / M36 / M40 / M42	AD36	48	14	90	43
38	36.5	M40 / M42 / M48 / M50	AD45	58	14	105	55
6.5	6.5	G1/4" / G3/8"	AD10	19	8	33	17
10	8.5	G3/8"	AD14	24	9	43	21
12.5	11.5	G3/8" / G1/2"	AD17 / AD19	28	10	55	25
16.5	15.5	G1/2" / G3/4"	AD21	32.5	10	56	29
21.5	20.5	G3/4"	AD27	39	14	73	34
29.5	27.5	G1" G1-1/4"	AD36	48	14	90	43
38	36.5	G1-1/4" G1-1/2"	AD45	58	14	105	55
6.5	6.5	PG7 / PG9	AD10	19	8	33	17
10	8.5	PG9 / PG11	AD14	24	9	43	21
12.5	11.5	PG11 / PG13.5	AD17 / AD19	28	10	55	25
16.5	15.5	PG13.5 / PG16	AD21	32.5	10	56	29
21.5	20.5	PG16 / PG21	AD27	39	14	73	34
29.5	27.5	PG21 / PG29	AD36	48	14	90	43
38	36.5	PG29 / PG36	AD45	58	14	105	55

Corrugated Conduit



Material	PA6 nylon / PE / PP polyethylene
Color	Grey (RAL 7037), black (RAL 9005)
Operating Temperature	PA6: -40°C to +125°C, short-term +140°C; PE: -50°C to +80°C, short-term +100°C; PP: -30°C to +110°C, short-term +110°C
Flame Retardant Rating	Standard corrugated conduit FV-2; flame-retardant corrugated conduit FV-0
Product Structure	Open type and closed type
Characteristics	Excellent flexibility and resistance to twisting and bending; able to carry heavy loads; resistant to acid, lubricating oil and coolant; glossy surface, abrasion resistant.
Load-bearing Capacity	Withstands repeated foot traffic without cracking or deformation, recovering immediately without damage.
Applications	Machinery manufacturing, electrical insulation protection, lighting equipment, automotive, aviation equipment, metro, rail and automation control.
Usage	Insert the cable into the conduit, then fit the matching conduit connector.

Size	Size	Size	Size	Size	Size
AD7		FP-PA-7	Φ70	Φ4.5	200
AD10	G1/4	FP-PA-10	Φ10	Φ6.5	100
AD13	G5/16	FP-PA-13	Φ13	Φ10	100
AD15.8	G3/8	FP-PA-15.8	Φ15.8	Φ12	100
AD18.5		FP-PA-18.5	Φ18.5	Φ14.3	100
AD21.2	G1/2	FP-PA-21.2	Φ212	Φ17	100
AD25		FP-PA-25	Φ25	Φ20	50
AD28.5	G3/4	FP-PA-28.5	Φ28.5	Φ23	50
AD34.5	G1	FP-PA-34.5	Φ34.5	Φ29	50
AD42.5	G11/4	FP-PA-42.5	Φ42.5	Φ36	50
AD54.5	G2	FP-PA-54.5	Φ54.5	Φ48	25
AD67.2		FP-PA-67.2	Φ672	Φ56	20
AD80		FP-PA-80	Φ80	Φ69	20
AD106		FP-PA-106	Φ106	Φ91	20

Push-In Conduit Connector

QC



Thread Specification	Metric, PG, G (PF) and NPT threads
Product Material	PA66
Operating Temperature	-40°C to +100°C static, short-term up to +120°C; -20°C to +80°C dynamic, short-term up to +100°C
Color	Black, light grey; other colors available on request

Compatible Conduit	Item No.	Thread Size	Thread O.D. (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)	Compatible Conduit	Item No.	Thread Size	Thread O.D. (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
AD 10	N-MQ10-AD10	M10X1.5	10	8.5	50	AD 25	N-MQ25-AD25	M25x1.5	25	13	50
	N-MQ12-AD10	M12X1.5	12	8.5	50		N-FQ21-AD25	G1/2	28.3	13	50
	N-PQ7-AD10	PG7	12.5	8.5	50		N-FQ26-AD25	G3/4	26.441	12.5	50
	N-FQ13-AD10	G1/4"	13.157	8.5	50	AD 28.5	N-MQ25-AD28.5	M25X1.5	25	13	20
AD 13	N-MQ12-AD13	M12X1.5	12	10	50		N-MQ27-AD28.5	M27X1.5	27	13	20
	N-MQ16-AD13	M16X1.5	16	10	50		N-MQ30-AD28.5	M30X1.5	30	13	20
	N-MQ18-AD13	M18X1.5	18	10	50		N-MQ32-AD28.5	M32X1.5	32	13	20
	N-PQ9-AD13	PG9	15.2	10	50		N-PQ21-AD28.5	PG21	28.3	13	20
	N-FQ17-AD13	G3/8	16.662	10	50		N-FQ26-AD28.5	G3/4	26.441	13	20
AD 15.8	N-MQ16-AD15.8	M16X1.5	16	10	50	AD 34.5	N-MQ32-AD34.5	M32X1.5	32	14	10
	N-MQ18-AD15.8	M18X1.5	18	12.5	50		N-MQ36-AD34.5	M36X1.5	36	14	10
	N-MQ20-AD15.8	M20X1.5	20	12.5	50		N-MQ40-AD34.5	M40X1.5	40	14	10
	N-PQ11-AD15.8	PG11	18.8	12.5	50		N-PQ29-AD34.5	PG29	37	14	10
	N-PQ13.5-AD15.8	PG13.5	20.4	12.5	50		N-FQ33-AD34.5	G1	33.2	14	10
	N-FQ21-AD15.8	G1/2	20.955	12.5	50		N-MQ40-AD42.5	M40X1.5	40	15	8
AD 18.5	N-MQ20-AD18.5	M20X1.5	20	12.5	50	AD 42.5	N-MQ48-AD42.5	M48X1.5	48	15	8
	N-MQ22-AD18.5	M22X1.5	22	12.5	50		N-PQ36-AD42.5	PG36	47	15	8
	N-PQ13.5-AD18.5	PG13.5	20.4	12.5	50		N-FQ42-AD42.5	G11/4	41.9	15	8
	N-FQ21-AD18.5	G1/2	20.955	12.5	50	AD 54.5	N-MQ50-AD54.5	M50X15	50	16	5
AD 21.2	N-MQ20-AD21.2	M20x1.5	20	13	50		N-MQ63-AD54.5	M63X15	63	16	5
	N-MQ24-AD21.2	M24x1.5	24	13	50		N-PQ42-AD545	PG42	54	16	5

Compatible Conduit	Item No.	Thread Size	Thread O.D. (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)	Compatible Conduit	Item No.	Thread Size	Thread O.D. (mm)	Thread Length L1 (mm)	Thread Length L2 (mm)
	N-MQ25-AD21.2	M25x1.5	25	13	50		N-PQ48-AD54.5	PG48	59.3	16	5
	N-PQ16-AD21.2	PG16	22.5	13	50		N-FQ48-AD54.5	G11/2	48	16	5
	N-FQ21-AD21.2	G1/2	20.955	13	50		N-FQ60-AD54.5	G2"	60	16	5

90 Degree Conduit Connector

QC-90



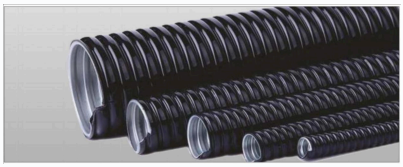
Thread Specification	Metric, PG, G (PF) and NPT threads
Product Material	PA66
Operating Temperature	-40°C to +100°C static, short-term up to +120°C; -20°C to +80°C dynamic, short-term up to +100°C
Color	Black, light grey; other colors available on request

Compatible Conduit	Item No.	Thread Size	Thread Length L1 (mm)	Thread Length L2 (mm)	Compatible Conduit	Item No.	Thread Size	Thread Length L1 (mm)	Thread Length L2 (mm)
AD10	NR-MQ10-AD10	M10x1.5	10	50	AD25	NR-MQ25-AD25	M25x1.5	13	50
	NR-MQ12-AD10	M12x1.5	10	50		NR-PQ21-AD25	PG21	13	20
	NR-PQ7-AD10	PG7	10	50		NR-FQ26-AD25	G3/4	13	50
	NR-FQ13-AD10	G1/4	10	50	AD28.5	NR-MQ25-AD28.5	M25x1.5	13	20
AD13	NR-MQ13-AD13	M16x1.5	10	50		NR-MQ27-AD28.5	M27x1.5	13	20
	NR-MQ18-AD13	M18x1.5	10	50		NR-MQ30-AD28.5	M30x1.5	13	20
	NR-MQ20-AD13	M20x1.5	10	50	AD28.5	NR-PQ21-AD28.5	PG21	13	20
	NR-PQ9-AD13	PG9	10	50		NR-FQ26-AD28.5	G3/4	13	20
	NR-FQ17-AD13	G3/8	10	50	AD34.5	NR-MQ32-AD34.5	M32x1.5	14	10
AD15.8	NR-MQ16-AD15.8	M16x1.5	10	50		NR-MQ32-AD34.5	M36x1.5	14	10
	NR-MQ18-AD15.8	M18x1.5	10	50		NR-MQ40-AD34.5	M40x1.5	14	10
	NR-MQ20-AD15.8	M20x1.5	10	50		NR-PQ29-AD34.5	PG29	14	10
	NR-PQ11-AD15.8	PG11	10	50		NR-FQ33-AD34.5	G1	14	10
	NR-FQ21-AD15.8	G1/2	10	50	AD42.5	NR-MQ40-AD42.5	M40x1.5	15	8
AD18.5	NR-MQ20-AD18.5	M20x1.5	11.5	50		NR-MQ48-AD42.5	M48x1.5	15	8
	NR-PQ13.5-AD18.5	PG13.5	11	50		NR-PQ36-AD42.5	PG36	15	8
	NR-FQ21-AD18.5	G1/2	11	50		NR-FQ42-AD42.5	G11/4	15	8
AD21.2	NR-MQ20-AD21.2	M20x1.5	13	50	AD54.5	NR-MQ50-AD54.5	M50x1.5	16	5
	NR-MQ24-AD21.2	M24x1.5	13	50		NR-MQ63-AD54.5	M63x1.5	16	5
	NR-MQ25-AD21.2	M25x1.5	13	50		NR-PQ42-AD54.5	PG42	16	5
	NR-PQ16-AD21.2	PG16	13	50		NR-PQ48-AD54.5	PG48	16	5

Compatible Conduit	Item No.	Thread Size	Thread Length L1 (mm)	Thread Length L2 (mm)	Compatible Conduit	Item No.	Thread Size	Thread Length L1 (mm)	Thread Length L2 (mm)
	NR-FQ21-AD21.2	G1/2	13	50		NR-FQ48-AD54.5	G11/2	16	5
						NR-FQ60-AD54.5	G2	16	5

Plastic-Coated Metal Conduit

PMC



Product Material	Inner layer of high-grade hot-dip galvanized steel strip; outer layer of PVC
Features	UV resistant, anti-ageing, flame retardant and environmentally friendly

Size	Inch	Item No.	O.D. min (mm)	O.D. max (mm)	Natural Bending (mm)	Max Axial Pull (N)	Packaging Unit (m)
Φ6	3/16	ΦPCFP-6	8.25	8.75	40	335	100
Φ8	1/4	ΦPCHP-8	10.3	10.9	45	470	100
Φ10	5/16	ΦPCFP-10	12.7	13.3	55	590	100
Φ12	3/8	ΦPCFP-12	15.15	15.85	60	710	100
Φ13	3/8	ΦPCFP-13	16.15	16.85	65	765	100
Φ15	1/2	ΦPCFP-15	18.15	18.85	80	885	100
Φ16	1/2	ΦPCFP-16	19.15	19.85	85	940	100
Φ19	3/4	ΦPCFP-19	22.1	22.9	95	1120	50
Φ20	3/4	ΦPCFP-20	23.4	23.9	100	1180	50
Φ25	1	ΦPCFP-25	28.05	28.95	120	1450	50
Φ32	11/4	ΦPCFP-32	36.5	37.5	150	1885	25
Φ38	11/2	ΦPCFP-38	42.9	44. 1	180	2240	25
Φ51	2	ΦPCFP-51	57	59	220	3000	20
Φ64	21/2	ΦPCFP-64	69.5	72.5	310	3770	10
Φ75	3	ΦPCFP-75	80	84	350	4400	10
Φ100	4	ΦPCFP-100	106	112	410	470	10
Φ125	5	ΦPCFP-125	131	139	480	5100	5
Φ150	6	ΦPCFP-150	158	168	550	5600	5

Breathing Valve

BV



Material	Stainless steel / nickel-plated brass
Protection Degree	IP68 when used with a suitable O-ring within the specified cable range; watertight to a depth of 3-5 m.

Model	Thread Size	Air Permeability	Thread O.D. (mm)	Thread Length (mm)	Total Length (mm)	Spanner Size (mm)
TQF-M5	M5x0.8	94ML / Min	5	6	9.5	10
TQF-M6	M6x1.0	94ML / Min	6	6	15	10
TQF-M8	M8x1.0	147ML / Min	8	7	16	12
TQF-M12	M12x1.5	288ML / Min	12	7	19	14
TQF-M16	M16x1.5	1375ML / Min	16	7	21	18
TQF-M20	M20x1.5	2150ML / Min	20	7	21	22

Metal Screw Cap

CP



Product Material	Nickel-plated brass
Material & Finish	Mainly nickel-plated brass or stainless steel, combining strength with corrosion resistance (operating temperature -40°C to +100°C, short-term up to +120°C).
Installation	• 1. Fits equipment with standard Metric, G (PF) and PG threaded holes; tighten with a screwdriver. • 2. Matches the opening of the equipment and is secured together with a brass lock nut and a waterproof rubber washer. • 3. Types: metric (M series) and DIN (PG series) threads; round or hexagonal; some are supplied with a waterproof rubber gasket (IP68 when fitted).
Application	Suitable for cable glands and similar equipment. Tightened with a screwdriver or spanner to seal spare or unused openings and protect internal components.

Metric Thread (M Series)

Thread Size	Model	Thread Length GL(A) (mm)	Height H (mm)	Spanner Size B (mm)
M8X1	CP.M8-7	5	8	12
M10X1.5	CP.M10-5	5	8	12
M12X1.5	CP.M12-6	6	9	14
M16X1.5	CP.M16-6	6	9	18
M18X1.5	CP.M18-6	6	9	20
M20X1.5	CP.M20-6.5	6.5	9.5	22
M22X1.5	CP.M22-6.5	6.5	9.5	24
M24X1.5	CP.M24-6.5	6.5	9.5	27
M25X1.5	CP.M25-6.5	6.5	9.5	27
M30X1.5	CP.M30-7	7	11	32
M32X1.5	CP.M32-7.5	7.5	11.5	35
M36X1.5	CP.M36-8	8	12	40
M40X1.5	CP.M40-8	8	13	45
M47X1.5	CP.M47-9	9	15	50
M50X1.5	CP.M50-9	9	15	55
M54X1.5	CP.M54-10	10	16	57
M60X1.5	CP.M60-10	10	16	64
M63X1.5	CP.M63-10	10	16	68
M72X1.5	CP.M72-10	10	16	78

DIN PG Thread (PG Series)

Thread Size	Model	Thread Length GL(A) (mm)	Height H (mm)	Spanner Size B (mm)
PG7	CP.PG7-6	6	9	14
PG9	CP.PG9-6	6	9	17
PG11	CP.PG11-6	6	9	20
PG13.5	CP.PG13.5-6.5	6.5	9.5	22
PG16	CP.PG16-6.5	6.5	9.5	24
PG19	CP.PG19-7	7	11	27
PG21	CP.PG21-7	7	11	30

Thread Size	Model	Thread Length GL(A) (mm)	Height H (mm)	Spanner Size B (mm)
PG29	CP.PG29-8	8	12	40
PG36	CP.PG36-9	9	15	50
PG42	CP.PG42-10	10	16	57

Metal Reducer

RG-R



Material	High-quality nickel-plated brass
Product Use	Allows free conversion between different thread outside diameters. Custom thread lengths and conversions between other thread types can be produced to customer requirements.

Model	External Thread	Internal Thread	Thread Length (mm)	Height (mm)	Spanner Size (mm)
JSH.M16M-M12F	M16X1.5	M12X1.5	6	9	18
JSH.M20M-M16F	M20X1.5	M16X1.5	7	10	24
JSH.M25M-M20F	M25X1.5	M20X1.5	8	11.5	30
JSH.M32M-M25F	M32X1.5	M25X1.5	9	13.5	35
JSH.M32M-M20F	M32X1.5	M20X1.5	9	13.5	35
JSH.M40M-M32F	M40X1.5	M32X1.5	9	12.5	45
JSH.M50M-M40F	M50X1.5	M40X1.5	10	14	55
JSH.M50M-M32F	M50X1.5	M32X1.5	10	14	55
JSH.M63M-M50F	M63X1.5	M50X1.5	11	16	65
JSH.PG9M-PG7F	PG9	PG7	6	9	18
JSH.PG11M-PG9F	PG11	PG9	6.5	9.5	20
JSH.PG13.5M-PG11F	PG13.5	PG11	6.5	9.5	22
JSH.PG16M-PG13.5F	PG16	PG13.5	6.5	9.5	24
JSH.PG21M-PG16F	PG21	PG16	8	11.5	30
JSH.PG29M-PG21F	PG29	PG21	9	12.5	40
JSH.PG36M-PG29F	PG36	PG29	9	12.5	50
JSH.PG42M-PG36F	PG42	PG36	10	14	57
JSH.PG48M-PG42F	PG48	PG42	10	14	64
JSH.PG63M-PG48F	PG63	PG48	10	14	78
JSH.G3/4M-G1/2F	G3/4	G1/2	75	10.5	30
JSH.G1M-G3/4F	G1	G3/4	75	10.5	40
JSH.G11/2M-G11/4F	G11/2	G11/4	8	12	50
JSH.G2M-G11/2F	G2	G11/2	8	12	57
JSH.G21/2M-G2F	G2-1/2	G2	8	12	84
JSH.G3M-G21/2F	G3	G2-1/2	8	12	96

Metal Enlarger

RG-E



Material	High-quality nickel-plated brass
Ambient Temperature	-40°C to +100°C, short-term up to +120°C
Characteristics	Converts a smaller thread to a larger thread.
Application	An enlarger is used when the existing tapped hole is too small for a given gland. It provides a means of connection between cable entry devices and equipment having a dissimilar thread.
Accessories	Lock nut, sealing washer. Customization accepted.

Item No.	External Thread	Internal Thread	Thread Length (mm)	Height (mm)	Spanner Size (mm)
KZH.M16M-M12F	M12X15	M16X1.5	6	10.5	18
KZH.M20M-M16F	M16X1.5	M20X1.5	6.5	10.5	24
KZH.M25M-M20F	M20X1.5	M25X1.5	7.5	11.5	27
KZH.M32M-M25F	M20X1.5	M32X1.5	8	12	35
KZH.M32M-M20F	M25X1.5	M32X1.5	8	12	35
KZH.M40M-M32F	M32x1.5	M40X1.5	9	13	43
KZH.M50M-M40F	M32X1.5	M50X1.5	10	16	55
KZH.M50M-M32F	M40X1.5	M50X1.5	10	17	55
KZH.M63M-M50F	M50X15	M63X15	10	17	70
KZH.PG9M-PG7F	PG7	PG9	6	10.5	18
KZH.PG11M-PG9F	PG9	PG11	6.5	10.5	20
KZH.PG13.5M-PG11F	PG11	PG13.5	6.5	10.5	22
KZH.PG16M-PG13.5F	PG13.5	PG16	6.5	11	24
KZH.PG21M-PG16F	PG16	PG21	7.5	11	30
KZH.PG29M-PG21F	PG21	PG29	8	11	39
KZH.PG36M-PG29F	PG29	PG36	9	13	50
KZH.PG42M-PG36F	PG36	PG42	10	15	57
KZH.PG48M-PG42F	PG42	PG48	10	16	64
KZH.G3/4M-G1/2F	G1/2	G3/4	6.5	10.5	30
KZH.G1M-G3/4F	G3/4	G1	7.5	13	40
KZH.G11/4M-G1F	G1	G1-1/4	8	13	50

Brass Lock Nut

MBL



Material	High-quality nickel-plated brass
Usage	Used together with cable glands, screw caps and reducers.

Thread Size	Item No.	Thickness (mm)	Spanner Size (mm)	Thread Size	Item No.	Thickness (mm)	Spanner Size (mm)
M8x1.25	MBL8	3.0	11	PG7	PBL7	3.0	14
M10x1.5	MBL10	3.0	14	PG9	PBL9	3.0	17
M12x1.5	MBL12	3.0	14	PG11	PBL11	3.0	20
M14x1.5	MBL14	3.0	17	PG3.5	PBL13	3.0	22
M16x1.5	MBL16	3.0	18	PG16	PBL16	3.0	24
M18x1.5	MBL18	3.0	20	PG19	PBL19	3.5	27
M20x1.5	MBL20	3.0	22	PG21	PBL21	4.0	30
M22x1.5	MBL22	3.0	24	PG25	PBL25	4.0	35
M24x1.5	MBL24	3.5	27	PG29	PBL29	4.0	40
M25x1.5	MBL25	3.5	27	PG36	PBL36	5.5	50
M27x1.5	MBL27	4.0	30	PG42	PBL42	6.0	57
M28x1.5	MBL28	4.0	30	PG48	PBL48	6.5	64
M30x1.5	MBL30	4.0	32	PG63	PBL63	8.5	77
M32x1.5	MBL32	4.0	35	G1/4	GBL1/4	3.0	14
M33x1.5	MBL33	4.0	35	G3/8	GBL3/8	3.0	18
M36x1.5	MBL36	4.0	40	G1/2	GBL1/2	3.0	22
M37x1.5	MBL37	4.0	40	G3/4	GBL3/4	4.0	30
M40x1.5	MBL40	4.5	45	G1	GBL1	4.0	40
M42x1.5	MBL42	5.0	45	G11/4	GBL11/4	5.5	50
M47x1.5	MBL47	5.5	50	G11/2	GBL1 1/2	5.5	57
M48X1.5	MBL48	5.5	50	G2	GBL2	6.0	64
M50x1.5	MBL50	5.5	55	G21/2	GBL2 1/2	8.5	77
M54x1.5	MBL54	5.5	57	G3	GBL3	9.0	94
M56x1.5	MBL56	5.5	59	NPT1/4	NBL1/4	3.0	14
M60x1.5	MBL60	6.0	68	NPT3/8	NBL3/8	3.0	18
M63x1.5	MBL63	6.0	68	NPTI / 2	NBL1/2	3.0	22
M64x2	MBL64	6.0	68	NPT3/4	NBL3/4	4.0	30
M72X2	MBL72	8.5	77	NPT1	NBL1	4.0	40
M75x2	MBL75	8.5	77	NPT11/4	NBL11/4	5.5	50
M80x2	MBL80	9.0	90	NPT11/2	NBL11/2	5.5	57
M88X2	MBL88	9.0	94	NPT2	NBL2	6.0	64
M100X2	MBL100	9.0	110	NPT2 1/2	NBL21/2	8.5	77
				NPT3	NBL3	9.0	94

XINGWEI ELECTRIC

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ORDERING INFORMATION

When placing an order, please state the product model, thread standard and size, cable range and material. Example: **XW-BT-M20*1.5(6-12)-Cu**.

Custom thread lengths, materials and special threads (NPT, imperial, metric) are available on request.

STANDARDS

CE · RoHS · REACH · GB3836 · IEC60079 · EN60079

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