



## Standard Polyamide Cable Glands - Metric Thread

These glands are liquid tight, easy to assemble and offer good strain relief with wide clamping range. The lamellar construction of glands provide an excellent grip on the cable. Cable glands with reduced clamping range are also available on request. They are manufactured according to requirement of DIN EN 62444 / 50262. Mainly used in railways and industrial applications. These Polyamide glands are available in thread size from M 12 to M 63 with clamping range from 3 mm to 44 mm, also available in reduced clamping and long thread options.

### Technical Data

Material	Polyamide 6
Colour	RAL 7001 (Grey), RAL 9005 (Black) RAL 7035 (L.Grey) on request
Temperature Range	-20° C to +100°C Continuous, -30°C to +150°C Intermittent
Protection Class	IP 68-5 Bar, 30 min
Flammability	UL 94 V2
Sealing Ring	CR-Chloroprene Rubber
Attachment Thread	EN 60423

### Accessories

Image	Cat. no.	Description
	Polyamide Locknuts - Metric Thread	In standard industrial applications, installing cable glands directly on enclosure...
	Flat Washers - Metric Thread	Flat washer shields the surface by uniformly distributing load when...
	O Rings - For Metric Thread Cable Glands	O-rings are round sealing elements made up of NBR material...
	Multi-Hole Sealing Inserts	These inserts are used in applications where sealing and strain...
	Polyamide Dome Plug / Protection Tab - Metric / NPT Thread	Dome Plugs made of Polyamide 6 are used in assembly...

### Approvals



## Ordering Information

### Metric Thread

Cat. No. Grey	Size	Thread Diameter D (mm)	Thread Length L (mm)	Spanner Size (mm)	Clamping Range (mm)	Standard Pack (Pieces)
BM-0S	M 12 x 1.5	12	8	15	3 - 6.5	50
BM-EN-01	M 16 x 1.5	16	8	19	4 - 8	50
BM-01	M 16 x 1.5	16	10	22	5 - 10	50
BM-01L	M 16 x 1.5	16	15	22	5 - 10	50
BM-02	M 20 x 1.5	20	10	24	6 - 12	50
BM-02L	M 20 x 1.5	20	15	24	6 - 12	50
BM-03	M 20 x 1.5	20	10	27	10 - 14	50
BM-04	M 20 x 1.5	20	15	27	10 - 14	50
BM-EN-03	M 25 x 1.5	25	8	29	11 - 17	25
BM-05	M 25 x 1.5	25	10	33	13 - 18	25
BM-06	M 25 x 1.5	25	15	33	13 - 18	25
BM-EN-04	M 32 x 1.5	32	10	36	15 - 21	25
BM-07	M 32 x 1.5	32	15	42	18 - 25	20
BM-EN-05	M 40 x 1.5	40	10	46	19 - 28	10
BM-08	M 40 x 1.5	40	18	53	22 - 32	10

**Metric Thread**

Cat. No. Grey	Size	Thread Diameter D (mm)	Thread Length L (mm)	Spanner Size (mm)	Clamping Range (mm)	Standard Pack (Pieces)
BM-09	M 50 x 1.5	50	18	60	30 - 38	10
BM-10	M 63 x 1.5	63	18	65	34 - 44	5
BM-B02	M 75 x 2.0	75	25	75	48 - 55	5

**Metric Thread**

Cat. No. Light Grey	Size	Thread Diameter D (mm)	Thread Length L (mm)	Spanner Size (mm)	Clamping Range (mm)	Standard Pack (Pieces)
BM-15	M 12 x 1.5	12	8	15	3 - 6.5	50
BM-EN-11	M 16 x 1.5	16	8	19	4 - 8	50
BM-11	M 16 x 1.5	16	10	22	5 - 10	50
BM-11L	M 16 x 1.5	16	15	22	5 - 10	50
BM-12	M 20 x 1.5	20	10	24	6 - 12	50
BM-12L	M 20 x 1.5	20	15	24	6 - 12	50
BM-13	M 20 x 1.5	20	10	27	10 - 14	50
BM-14	M 20 x 1.5	20	15	27	10 - 14	50
BM-EN-13	M 25 x 1.5	25	8	29	11 - 17	25
BM-15	M 25 x 1.5	25	10	33	13 - 18	25
BM-16	M 25 x 1.5	25	15	33	13 - 18	25
BM-EN-14	M 32 x 1.5	32	10	36	15 - 21	25
BM-17	M 32 x 1.5	32	15	42	18 - 25	20
BM-EN-15	M 40 x 1.5	40	10	46	19 - 28	10
BM-18	M 40 x 1.5	40	18	53	22 - 32	10
BM-19	M 50 x 1.5	50	18	60	30 - 38	10
BM-20	M 63 x 1.5	63	18	65	34 - 44	5
BM-B22	M 75 x 2.0	75	25	75	48 - 55	5

**Metric Thread**

Cat. No. Black	Size	Thread Diameter D (mm)	Thread Length L (mm)	Spanner Size (mm)	Clamping Range (mm)	Standard Pack (Pieces)
BM-25	M 12 x 1.5	12	8	15	3 - 6.5	50
BM-EN-21	M 16 x 1.5	16	8	19	4 - 8	50
BM-21	M 16 x 1.5	16	10	22	5 - 10	50
BM-21L	M 16 x 1.5	16	15	22	5 - 10	50
BM-22	M 20 x 1.5	20	10	24	6 - 12	50
BM-22L	M 20 x 1.5	20	15	24	6 - 12	50
BM-23	M 20 x 1.5	20	10	27	10 - 14	50
BM-24	M 20 x 1.5	20	15	27	10 - 14	50
BM-EN-23	M 25 x 1.5	25	8	29	11 - 17	25
BM-25	M 25 x 1.5	25	10	33	13 - 18	25
BM-26	M 25 x 1.5	25	15	33	13 - 18	25
BM-EN-24	M 32 x 1.5	32	10	36	15 - 21	25
BM-27	M 32 x 1.5	32	15	42	18 - 25	20
BM-EN-25	M 40 x 1.5	40	10	46	19 - 28	10
BM-28	M 40 x 1.5	40	18	53	22 - 32	10
BM-29	M 50 x 1.5	50	18	60	30 - 38	10
BM-30	M 63 x 1.5	63	18	65	34 - 44	5
BM-B22	M 75 x 2.0	75	25	75	48 - 55	5

**Cable Glands with Reduced Clamping Range**

Cat. No. Grey	Size	Thread Diameter D (mm)	Thread Length L (mm)	Spanner Size (mm)	Clamping Range (mm)	Standard Pack (Pieces)
BI-05	M 12 x 1.5	12	8	15	2 - 5	50
BI-01	M 16 x 1.5	16	10	22	3 - 7	50
BI-01L	M 16 x 1.5	16	15	22	3 - 7	50
BI-02	M 20 x 1.5	20	10	24	5 - 9	50
BI-02L	M 20 x 1.5	20	15	24	5 - 9	50
BI-03	M 20 x 1.5	20	10	27	7 - 12	50
BI-04	M 20 x 1.5	20	15	27	7 - 12	50
BI-05	M 25 x 1.5	25	10	33	9 - 16	25
BI-06	M 25 x 1.5	25	15	33	9 - 16	25
BI-07	M 32 x 1.5	32	15	42	12 - 20	20
BI-08	M 40 x 1.5	40	18	53	20 - 26	10
BI-09	M 50 x 1.5	50	18	60	25 - 31	10
BI-10	M 63 x 1.5	63	18	65	29 - 35	5

**Cable Glands with Reduced Clamping Range**

Cat. No. Light Grey	Size	Thread Diameter D (mm)	Thread Length L (mm)	Spanner Size (mm)	Clamping Range (mm)	Standard Pack (Pieces)
BI-15	M 12 x 1.5	12	8	15	2 - 5	50
BI-11	M 16 x 1.5	16	10	22	3 - 7	50
BI-11L	M 16 x 1.5	16	15	22	3 - 7	50
BI-12	M 20 x 1.5	20	10	24	5 - 9	50
BI-12L	M 20 x 1.5	20	15	24	5 - 9	50
BI-13	M 20 x 1.5	20	10	27	7 - 12	50
BI-14	M 20 x 1.5	20	15	27	7 - 12	50
BI-15	M 25 x 1.5	25	10	33	9 - 16	25
BI-16	M 25 x 1.5	25	15	33	9 - 16	25
BI-17	M 32 x 1.5	32	15	42	12 - 20	20
BI-18	M 40 x 1.5	40	18	53	20 - 26	10
BI-19	M 50 x 1.5	50	18	60	25 - 31	10
BI-20	M 63 x 1.5	63	18	65	29 - 35	5

**Cable Glands with Reduced Clamping Range**

Cat. No. Black	Size	Thread Diameter D (mm)	Thread Length L (mm)	Spanner Size (mm)	Clamping Range (mm)	Standard Pack (Pieces)
BI-25	M 12 x 1.5	12	8	15	2 - 5	50
BI-21	M 16 x 1.5	16	10	22	3 - 7	50
BI-21L	M 16 x 1.5	16	15	22	3 - 7	50
BI-22	M 20 x 1.5	20	10	24	5 - 9	50
BI-22L	M 20 x 1.5	20	15	24	5 - 9	50
BI-23	M 20 x 1.5	20	10	27	7 - 12	50
BI-24	M 20 x 1.5	20	15	27	7 - 12	50
BI-25	M 25 x 1.5	25	10	33	9 - 16	25
BI-26	M 25 x 1.5	25	15	33	9 - 16	25
BI-27	M 32 x 1.5	32	15	42	12 - 20	20
BI-28	M 40 x 1.5	40	18	53	20 - 26	10
BI-29	M 50 x 1.5	50	18	60	25 - 31	10
BI-30	M 63 x 1.5	63	18	65	29 - 35	5