

Cable Glands

**Brass / Stainless Steel,
Metric Thread / PG Thread / NPT Thread**

SPECIFICATION

Housing

- Brass, nickel-plated **MS**
- Stainless steel **AISI 303 NI**

Seal insert

Chloroprene rubber (CR)

Clamping insert

Plastic, polyamide (PA)

O-ring

Acrylonitrile butadiene rubber (NBR)

Operating temperature -40 °C to +100 °C

Protection class IP 68

INFORMATION

Cable glands GN 62444 are used to feed cables or wires into enclosures, relieve strain, and seal them. Within the specified clamping range, the sealing and clamping effect increases with the cable diameter.

The cable glands can be screwed into an existing internal thread or mounted in a through hole using a mounting nut.

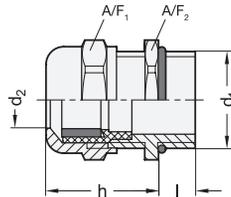
They include an O-ring for sealing against the enclosure.

ACCESSORY

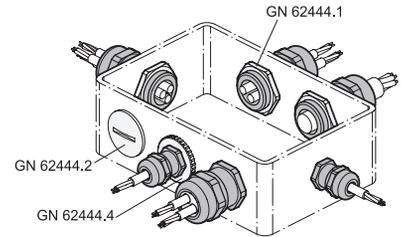
- GN 62444.1 Mounting Nuts (see page), (metric and PG thread)
- GN 62444.2 Threaded Plugs (see page), (metric and PG thread)
- GN 62444.4 Reducers (see page), (metric thread)

TECHNICAL INFORMATION

- IP Protection Classes (see page A23)
- Plastic Characteristics (see page A2)
- Stainless Steel Characteristics (see page A26)

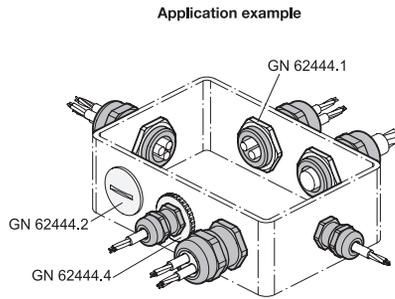
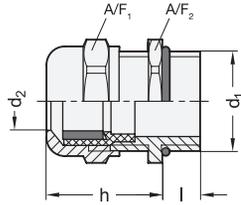


Application example



GN 62444-M-MS (Metric Thread)

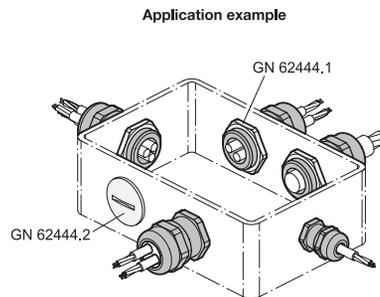
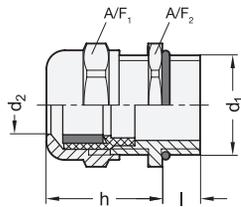
Description	d ₁	d ₂	d ₂ Clamping range Ø	h max.	Length l	A/F ₁	A/F ₂	Recommended tightening torque in Nm A/F ₁	Recommended tightening torque in Nm A/F ₂	⚖
GN 62444-M12x1,5-6-MS	M 12 x 1.5	6	3...6	22	6	14	14	2	1	13
GN 62444-M16x1,5-8-MS	M 16 x 1.5	8	4...8	23	7	17	18	2.5	2.5	20
GN 62444-M16x1,5-10-MS	M 16 x 1.5	10	5...10	28.5	7	20	20	2.5	2.5	26
GN 62444-M20x1,5-12-MS	M 20 x 1.5	12	6...12	26.5	8	22	22	4	3.5	29
GN 62444-M25x1,5-14-MS	M 25 x 1.5	14	10...14	27.7	8	24	27	5.5	3.5	47
GN 62444-M25x1,5-17-MS	M 25 x 1.5	17	11...17	32.5	8	27	27	5.5	3.5	49
GN 62444-M32x1,5-18-MS	M 32 x 1.5	18	13...18	33	9	30	34	9	3.5	80
GN 62444-M32x1,5-21-MS	M 32 x 1.5	21	15...21	36	8	34	34	6	5	85
GN 62444-M40x1,5-25-MS	M 40 x 1.5	25	18...25	38	9	40	43	10	5	154
GN 62444-M40x1,5-28-MS	M 40 x 1.5	28	19...28	43.5	9	43	43	11	5	154
GN 62444-M50x1,5-32-MS	M 50 x 1.5	32	22...32	48	9	50	55	20	5	290
GN 62444-M50x1,5-38-MS	M 50 x 1.5	38	27...38	55	9	58	58	20	8	293
GN 62444-M63x1,5-44-MS	M 63 x 1.5	44	34...44	53	14	64	68	20	12	425



GN 62444-M-NI (Metric Thread)

STAINLESS STEEL

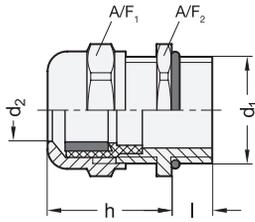
Description	d ₁	d ₂	d ₂ Clamping range Ø	h max.	Length l	A/F ₁	A/F ₂	Recommended tightening torque in Nm A/F ₁	Recommended tightening torque in Nm A/F ₂	⚖️
GN 62444-M12x1,5-6-NI	M 12 x 1.5	6	3...6	22	6	14	14	5.5	3	10
GN 62444-M16x1,5-8-NI	M 16 x 1.5	8	4...8	23	7	17	19	6.5	4	17
GN 62444-M16x1,5-10-NI	M 16 x 1.5	10	5...10	28.5	7	22	22	8	4	30
GN 62444-M20x1,5-12-NI	M 20 x 1.5	12	6...12	24	8	22	22	8	5.5	24
GN 62444-M25x1,5-14-NI	M 25 x 1.5	14	10...14	27.5	8	24	27	11	6	41
GN 62444-M25x1,5-17-NI	M 25 x 1.5	17	11...17	32.5	8	27	27	14	6	52
GN 62444-M32x1,5-18-NI	M 32 x 1.5	18	13...18	32.5	9	30	36	17	6	78
GN 62444-M32x1,5-21-NI	M 32 x 1.5	21	15...21	36	8	36	36	15	6	86
GN 62444-M40x1,5-25-NI	M 40 x 1.5	25	18...25	40.6	9	41	46	30	12	135
GN 62444-M40x1,5-28-NI	M 40 x 1.5	28	19...28	43.5	9	46	46	17	12	159
GN 62444-M50x1,5-32-NI	M 50 x 1.5	32	22...32	47	9	50	55	42	18	250
GN 62444-M50x1,5-38-NI	M 50 x 1.5	38	27...38	51	9	60	60	30	18	300
GN 62444-M63x1,5-44-NI	M 63 x 1.5	44	34...44	52	14	65	70	55	25	417



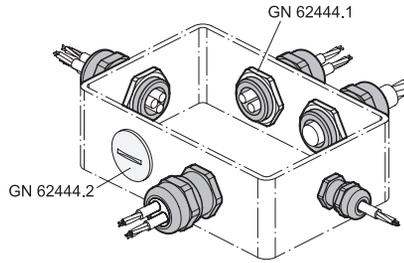
GN 62444-PG-MS (PG Thread)

Description	d ₁	d ₂	d ₂ Clamping range Ø	h max.	Length l	A/F ₁	A/F ₂	Recommended tightening torque in Nm A/F ₁	Recommended tightening torque in Nm A/F ₂	⚖️
GN 62444-PG7-6-MS	PG 7	6	3...6	22	6	14	14	5	3	13
GN 62444-PG9-8-MS	PG 9	8	4...8	23.5	6	17	17	6	4	17
GN 62444-PG11-10-MS	PG 11	10	5...10	26	6	20	20	7	5	25
GN 62444-PG13,5-12-MS	PG 13.5	12	6...12	24.5	6.5	22	22	8	5.5	31
GN 62444-PG16-14-MS	PG 16	14	10...14	28	6.5	24	24	11	7	35
GN 62444-PG21-18-MS	PG 21	18	13...18	32.5	7.2	30	30	17	10	63
GN 62444-PG29-25-MS	PG 29	25	18...25	38.5	8	40	40	30	15	131
GN 62444-PG36-32-MS	PG 36	32	22...32	48	9	50	50	42	20	225
GN 62444-PG48-44-MS	PG 48	44	34...44	53	14	64	64	50	35	363





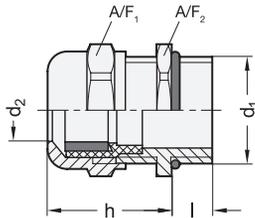
Application example



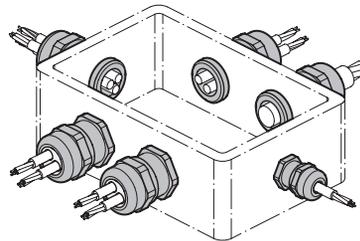
GN 62444-PG-NI (PG Thread)

STAINLESS STEEL

Description	d ₁	d ₂	d ₂ Clamping range ∅	h max.	Length l	A/F ₁	A/F ₂	Recommended tightening torque in Nm A/F ₁	Recommended tightening torque in Nm A/F ₂	⚖
GN 62444-PG7-6-NI	PG 7	6	3..6	22	6	14	14	5	3	11
GN 62444-PG9-8-NI	PG 9	8	4..8	23	6	17	19	6	4	18
GN 62444-PG11-10-NI	PG 11	10	5..10	25.5	6	22	22	7	5	33
GN 62444-PG13,5-12-NI	PG 13,5	12	6..12	24	6,5	22	22	8	5,5	33
GN 62444-PG16-14-NI	PG 16	14	10..14	27,5	6,5	24	24	11	7	30
GN 62444-PG21-18-NI	PG 21	18	13..18	32,5	7,2	30	30	17	10	53
GN 62444-PG29-25-NI	PG 29	25	18..25	38,5	8	41	41	30	15	134
GN 62444-PG36-32-NI	PG 36	32	22..32	46	9	50	50	42	20	246
GN 62444-PG48-44-NI	PG 48	44	34..44	49,5	14	65	65	50	35	357



Application example



GN 62444-NPT-MS (NPT Thread)

Description	d ₁	d ₂	d ₂ Clamping range ∅	h max.	Length l	A/F ₁	A/F ₂	Recommended tightening torque in Nm A/F ₁	Recommended tightening torque in Nm A/F ₂	⚖
GN 62444-NPT3/8-8-MS	NPT 3/8	8	4..8	23	11,5	17	19	6,5	3	17
GN 62444-NPT1/2-12-MS	NPT 1/2	12	6..12	25,5	13	22	22	17	5,5	29
GN 62444-NPT1/2-14-MS	NPT 1/2	14	10..14	28	13	24	24	11	5,5	42
GN 62444-NPT3/4-18-MS	NPT 3/4	18	13..18	35,5	13	30	30	17	6	63