

**Material:**

- Body: Nickel-plated brass
- Seal: Neoprene
- Clamping insert: Polyamide 6
- Sealing ring for outer thread: Nitril

**Technical properties:**

- Seal rings included for PG and Metric sizes
- Maximum strain relief through clamp range
- Gas tight and watertight



**PG Thread\***

Outer thread	Clamping range mm	Cat. No.	Std. Pk.
PG 7	1.5-5	4220351	50
PG 7	2.5-6.5	4220307	50
PG 9	2.5-7	4220352	50
PG 9	4-9.5	4220309	50
PG 11	3-8.5	4220353	50
PG 11	6-11.5	4220311	50
PG 13.5	4-10	4220354	50
PG 13.5	7-13	4220313	50
PG 16	5-12	4220355	50
PG 16	8-15	4220316	50
PG 21	8-16	4220356	20
PG 21	11-19	4220321	20
PG 29	11-21	4220357	20
PG 29	16-26	4220329	20
PG 36	16-28	4220358	10
PG 36	22-34.5	4220336	10
PG 42	22-34	4220359	5
PG 42	27-40	4220342	5
PG 48	28-40	4220360	5
PG 48	35-48	4220348	5



**Temperature Range**  
-25 to 100°C  
(-13 to 212°F)

**Dimensions**

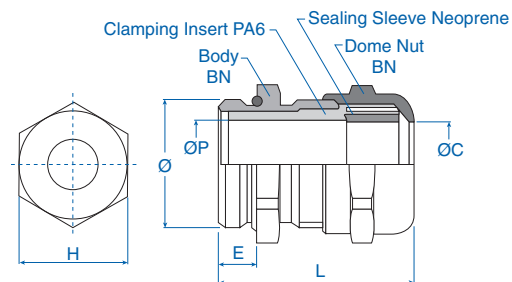
Thread Size	H mm	E mm	L mm	ØC mm	ØP mm	ØThread mm
PG7	14	5	25	6	6.6	12.5
PG9	17	6	29	9.7	10	15.2
PG11	20	6	30	11.7	12	18.6
PG13.5	22	6.5	32.5	13.2	13.5	20.4
PG16	24	6.5	34	15.2	15.5	22.5
PG21	30	7	35	19.5	19.5	28.3
PG29	40	8	38	26	26.5	37
PG36	50	9	42	34.5	35	47
PG42	58	10	47	40.5	41	54
PG48	65	10	54	48.5	50	59.3
NPT 3/8"	18	15	38	9.7	10	17.1
NPT 1/2"	23	20	46	13.2	13.5	21.2
NPT 3/4"	28	20	48	16.2	16.5	26.7
NPT 1"	36	25	55	21.5	22	33.3
M12x1.5	14	5	25	6.6	6.6	12
M16x1.5	17	5	28	9.7	10	16
M20x1.5	22	6	32	13.2	13.5	20
M25x1.5	27	7	35	16.2	16.5	25
M32x1.5	34	8	38	21.5	22	32
M40x1.5	42	8	41	27.5	28	40
M50x1.5	55	9	46	35.5	36	50
M63x1.5	65	10	54	48.5	50	63

**NPT Thread**

Outer thread	Clamping range mm	Cat. No.	Std. Pk.
NPT 3/8"	2.5-7	4220810	50
NPT 3/8"	4-9.5	4220800	50
NPT 1/2"	4-10	4220811	50
NPT 1/2"	7-13	4220801	50
NPT 3/4"	5-13	4220812	20
NPT 3/4"	8-16	4220802	20
NPT 1"	7-17	4220813	5
NPT 1"	11-21	4220803	5

**Metric Thread\***

Outer thread	Clamping range mm	Cat. No.	Std. Pk.
M 12 x 1.5	1.5-5	4220712	100
M 12 x 1.5	2.5-6.5	4220612	100
M 16 x 1.5	2.5-7	4220716	50
M 16 x 1.5	4-9.5	4220616	50
M 20 x 1.5	4-10	4220720	50
M 20 x 1.5	7-13	4220620	50
M 25 x 1.5	5-13	4220725	25
M 25 x 1.5	8-16	4220625	25
M 32 x 1.5	7-17	4220732	20
M 32 x 1.5	11-21	4220632	20
M 40 x 1.5	10-22	4220740	10
M 40 x 1.5	15-27	4220640	10
M 50 x 1.5	17-29	4220750	5
M 50 x 1.5	22-35	4220650	5
M 63 x 1.5	28-40	4220763	5
M 63 x 1.5	35-48	4220663	5



**This is one of our most popular series and is usually kept in stock.**

\* Extended thread available consult Altech

Locknuts sold separately, see page 25.