

## 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

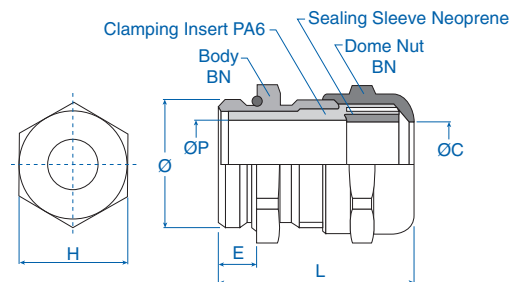
| Thread Size | H mm | E mm | L mm | ØC mm | ØP mm | ØThread mm |
|-------------|------|------|------|-------|-------|------------|
| PG7         | 14   | 5    | 25   | 6     | 6.6   | 12.5       |
| PG9         | 17   | 6    | 29   | 9.7   | 10    | 15.2       |
| PG11        | 20   | 6    | 30   | 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.