



## 2 Type

- A** Seal, rubber  
NBR (Perbunan®)
- B** Seal, rubber  
FPM (Viton®)



d <sub>1</sub>			d <sub>2</sub> h14	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	s	Max. permissible operating pressure in bar	Recommended tightening torque in Nm
M 8 x 1	-	-	12	9,9	8	4	4	400	8
M 10 x 1	-	G 1/8	14	11,9	8	4	5	400	12
M 12 x 1,5	-	-	17	14,4	12	5	6	400	25
M 14 x 1,5	-	G 1/4	19	16,5	12	5	6	400	30
M 16 x 1,5	-	G 3/8	22	18,9	12	5	8	400	50
M 18 x 1,5	-	-	24	20,9	12	5	8	400	60
M 20 x 1,5	-	-	26	22,9	14	5	10	400	70
M 22 x 1,5	-	-	27	24,3	14	5	10	400	80
-	-	G 1/2	27	23,9	14	5	10	400	80
M 24 x 1,5	-	-	30	26,9	14	5	12	400	95
M 26 x 1,5	M 27 x 2	G 3/4	32	29,2	16	5	12	400	120
M 30 x 1,5	-	-	37	32,7	16	6,5	17	400	190
-	M 33 x 2	G 1	40	35,7	16	6,5	17	400	225
-	M 42 x 2	G 1 1/4	50	45,8	16	6,5	22	315	360
-	M 48 x 2	G 1 1/2	55	50,7	16	6,5	24	315	400

## Specification

- Steel
  - Property class 5.8
  - Ultrasonically and tensile tested
  - Zinc plated, nano-passivated (silver / yellowish)
- Type **A**
  - Temperature resistant up to **100 °C**
  - Seal, rubber NBR (Perbunan®)
- Type **B**
  - Temperature resistant up to **180 °C**
  - Seal, rubber FPM (Viton®)
  - Identification by not black finish of the seal
- *ISO Fundamental Tolerances* → Page 2151
- *Elastomer Characteristics* → Page 2158
- RoHS

## Information

The dimensions of the threaded plugs GN 749 largely comply with DIN 908, and the outer diameter  $d_2$  is adapted to the threaded holes of pipe fittings as per DIN 3852. In deviation from the DIN specification, however, they feature an elastic seal (rubber). This sealing ring is retained in a radial undercut in the mating face which prevents it from dropping out and in particular it does not extrude when the plug is tightened.

The details relating to the permissible operating pressure are non-binding recommended values and rule out any liability. They constitute no general warranty of quality and condition. The user must determine from case to case whether a product is suitable for the intended use.

see also...

- *Threaded Plugs GN 746 (Plastic)* → Page 1598

How to order

GN 749-G<sup>1</sup>/<sub>4</sub>-A<sup>2</sup>

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