



2 Type

- A Sealing ring rubber NBR (Perbunan)
- B Sealing ring rubber FPM (Viton®)



d ₁			d ₂ h14	d ₃	l ₁	l ₂	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
 - Tensile strength class 5.8
 - ultrasonically and tensile tested
 - zinc plated, nano-passivated (silver / yellowish)
- Type **A**
 - temperature resistant up to **100 °C**
 - Sealing ring rubber NBR (Perbunan)
- Type **B**
 - temperature resistant up to **180 °C**
 - Sealing ring rubber FPM (Viton®)
 - Identification by not black finish of the seal
- *Strength values of screws* → Page 1481
- *ISO-Fundamental tolerances* → Page 1479
- *Elastomer characteristics* → Page 1483
- RoHS

Information

The dimensions of the threaded plugs GN 749 comply with DIN 908, but deviating from the latter is the elastic sealing ring (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 908 (Steel, zinc plated)* → Page 1117

How to order

GN 749-G¹/₄-A²

1 d₁

2 Type