



2 Type

- A** NBR rubber seal (Perbunan[®])
- B** FPM rubber seal (Viton[®])

Specification

- Body
Steel
 - Property class 5.8
 - Ultrasonically and tensile tested
 - Zinc plated, nano-passivated finish (silver / yellowish)
- Type **A**
 - Temperature resistant up to 212 °F (100 °C)
 - Seal
Rubber NBR (Perbunan[®])
- Type **B**
 - Temperature resistant up to 356 °F (180 °C)
 - Seal
Rubber FPM (Viton[®])
Identification by non-black coloring
- *ISO Fundamental Tolerances* → page 2129
- *Elastomer Characteristics* → page 2135
- **RoHS compliant**

Information

The seal of GN 749 threaded plugs is embedded in a radial recess, and thus cannot be lost or squeezed out during tightening.

The information about the operating pressure are non-binding guide 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 EN 746 (Plastic)* → www.jwwinco.com

How to order GN 749-G3/4-A	1	Pipe thread d_1 (Fine thread d_1)
	2	Type

Metric table



Dimensions in: millimeters - inches

d ₁		Pipe thread	d ₂ h14	d ₃	l ₁	l ₂	s	Max. permissible operating pressure in bar	Recommended tightening torque in Nm
Fine thread									
M 8 x 1	-	-	12 <i>0.47</i>	9.9 <i>0.39</i>	8 <i>0.31</i>	4 <i>0.16</i>	4 <i>0.16</i>	400	8
M 10 x 1	-	G 1/8	14 <i>0.55</i>	11.9 <i>0.47</i>	8 <i>0.31</i>	4 <i>0.16</i>	5 <i>0.20</i>	400	12
M 12 x 1.5	-	-	17 <i>0.67</i>	14.4 <i>0.57</i>	12 <i>0.47</i>	5 <i>0.20</i>	6 <i>0.24</i>	400	25
M 14 x 1.5	-	G 1/4	19 <i>0.75</i>	16.5 <i>0.65</i>	12 <i>0.47</i>	5 <i>0.20</i>	6 <i>0.24</i>	400	30
M 16 x 1.5	-	G 3/8	22 <i>0.87</i>	18.9 <i>0.74</i>	12 <i>0.47</i>	5 <i>0.20</i>	8 <i>0.31</i>	400	50
M 18 x 1.5	-	-	24 <i>0.94</i>	20.9 <i>0.82</i>	12 <i>0.47</i>	5 <i>0.20</i>	8 <i>0.31</i>	400	60
M 20 x 1.5	-	-	26 <i>1.02</i>	22.9 <i>0.90</i>	14 <i>0.55</i>	5 <i>0.20</i>	10 <i>0.39</i>	400	70
M 22 x 1.5	-	-	27 <i>1.06</i>	24.3 <i>0.96</i>	14 <i>0.55</i>	5 <i>0.20</i>	10 <i>0.39</i>	400	80
-	-	G 1/2	27 <i>1.06</i>	23.9 <i>0.94</i>	14 <i>0.55</i>	5 <i>0.20</i>	10 <i>0.39</i>	400	80
M 24 x 1.5	-	-	30 <i>1.18</i>	26.9 <i>1.06</i>	14 <i>0.55</i>	5 <i>0.20</i>	12 <i>0.47</i>	400	95
M 26 x 1.5	M 27 x 2	G 3/4	32 <i>1.26</i>	29.2 <i>1.15</i>	16 <i>0.63</i>	5 <i>0.20</i>	12 <i>0.47</i>	400	120
M 30 x 1.5	-	-	37 <i>1.46</i>	32.7 <i>1.29</i>	16 <i>0.63</i>	6.5 <i>0.26</i>	17 <i>0.67</i>	400	190
-	M 33 x 2	G 1	40 <i>1.57</i>	35.7 <i>1.41</i>	16 <i>0.63</i>	6.5 <i>0.26</i>	17 <i>0.67</i>	400	225
-	M 42 x 2	G 1 1/4	50 <i>1.97</i>	45.8 <i>1.80</i>	16 <i>0.63</i>	6.5 <i>0.26</i>	22 <i>0.87</i>	315	360
-	M 48 x 2	G 1 1/2	55 <i>2.17</i>	50.7 <i>2.00</i>	16 <i>0.63</i>	6.5 <i>0.26</i>	24 <i>0.94</i>	315	400

3.1

3.2

3.3

3.4

3.5

3.6

3.7

3.8

3.9

3.10

