

GN 738

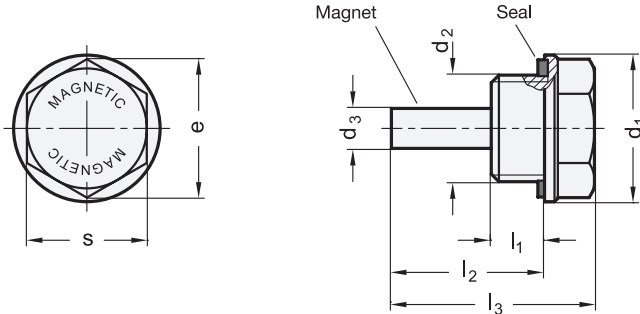
Resistant up to 212 °F

GN 738.1

Resistant up to 356 °F

Magnetic Threaded Plugs

Aluminum, Magnet Material AlNiCo



Metric table

Dimensions in: millimeters - inches

d ₁	d ₂		d ₃	e ≈	l ₁	l ₂	l ₃	s		
	Pipe thread	Fine thread								
19 0.75	G 1/4	M 14 x 1.5	-	6 0.24	17.3 0.68	8 0.31	23 0.91	30.5 1.20	15 0.59	
22 0.87	G 3/8	M 16 x 1.5	-	6 0.24	20.8 0.82	8 0.31	23 0.91	30.5 1.20	18 0.71	
26 1.02	G 1/2	M 20 x 1.5	-	6 0.24	24.3 0.96	8.5 0.33	23.5 0.93	31 1.22	21 0.83	
32 1.26	G 3/4	M 26 x 1.5	M 27 x 1.5	6 0.24	31.3 1.23	9 0.35	24 0.94	32 1.26	27 1.06	
40 1.57	G 1	M 33 x 1.5	-	6 0.24	37 1.46	11 0.43	26 1.02	34.5 1.36	32 1.26	
50 1.97	G 1 1/4	M 40 x 1.5	M 42 x 1.5	M 42 x 2	6 0.24	47.3 1.86	12 0.47	27 1.06	37 1.46	41 1.61
60 2.36	G 1 1/2	-	-	6 0.24	57.7 2.27	13 0.51	28 1.10	37 1.46	50 1.97	

Specification

- Body
Aluminum
- Fine turned, plain finish
- Anodized finish, black
- Magnet
Alloy: AlNiCo
- **GN 738**
- Temperature resistant up to 212 °F (100 °C)
- Seal
Acrylonitrile butadiene rubber (NBR)
Black
- **GN 738.1**
- Temperature resistant up to 356 °F (180 °C)
- Seal
Fluorine rubber (FPM / FKM)
Brown
- Magnet Characteristics → page 1990
- Plastic Characteristics → page 2135
- RoHS compliant

Information

With the permanent magnet used, GN 738 and GN 738.1 magnetic threaded plugs attract iron particles that float in the fluid.

To prevent breakage and demagnetization, the round magnets are supplied with a plastic spacer and protection sleeve, which has to be removed prior to installing the plugs.

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

How to order (212 °F, black anodized finish)	1 Diameter d ₁
1 2 3 GN 738-22-G3/8-ES	2 Pipe thread d ₂ (Fine thread d ₂)
	3 Finish
How to order (356 °F, plain finish)	1 Diameter d ₁
1 2 GN 738.1-32-M26X1.5	2 Fine thread d ₂ (Pipe thread d ₂)

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10