

GN 52.2 Retaining Magnets

Steel, rod-shaped, with tapped hole

Photo



Product description

Information

GN 52.2 retaining magnets are a shielded magnetic assembly.

Mounting options include pressing in, shrinking in, or gluing in.

Specification

Housing
Steel, zinc plated

Materials of the magnet:

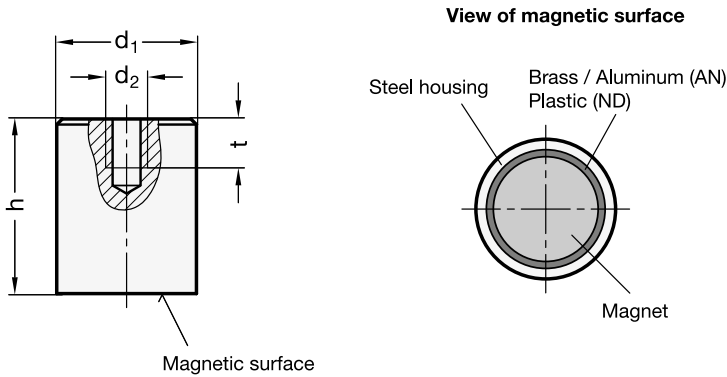
- AlNiCo
Aluminum, nickel, cobalt
temperature resistant up to 450° C
- NdFeB
Neodymium, iron, boron
temperature resistant up to 80° C

AN

ND

RoHS compliant

Technical drawing



Part Options / Table

Metric

d ₁	d ₂	h	t	Nominal magnetic forces in N	
				AN AlNiCo	ND NdFeB
.24	M 3	.79	.20	.45 lbf (2 N)	1.35 lbf (6 N)
.31	M 3	.79	.20	.90 lbf (4 N)	2.70 lbf (12 N)
.39	M 4	.79	.28	1.91 lbf (8.5 N)	5.40 lbf (24 N)
.51	M 4	.79	.28	2.70 lbf (12 N)	13.49 lbf (60 N)
.63	M 4	.79	.28	4.50 lbf (20 N)	20.23 lbf (90 N)
.79	M 6	.98	.35	8.99 lbf (40 N)	30.35 lbf (135 N)
.98	M 6	1.38	.35	13.49 lbf (60 N)	42.71 lbf (190 N)
1.26	M 8	1.57	.47	35.97 lbf (160 N)	76.44 lbf (340 N)
1.57	M 8	1.97	.47	53.95 lbf (240 N)	135 lbf (600 N)
1.97	M 10	2.36	.47	89.92 lbf (400 N)	202 lbf (900 N)
2.48	M 12	2.56	.55	148 lbf (660 N)	292 lbf (1300 N)