

GN 52.4 Retaining Magnets

Steel, rod-shaped, with threaded stud

Photo



Product description

Information

GN 52.4 magnets are a shielded magnetic assembly.

Specification

Housing
Steel, zinc plated

Materials of the magnet:

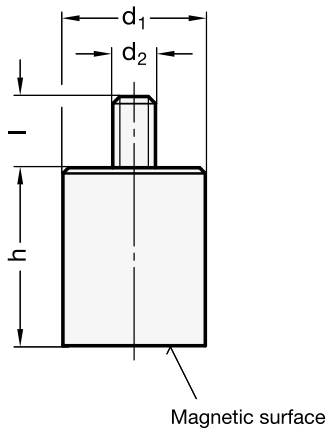
- AINiCo
Aluminum, nickel, cobalt
temperature resistant up to 450° C
- NdFeB
Neodymium, iron, boron
temperature resistant up to 80° C

AN

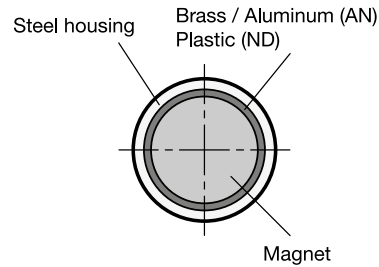
ND

RoHS compliant

Technical drawing



View of magnetic surface



Part Options / Table

Type

E with threaded stud

Metric

d ₁	d ₂	h	Length l	Nominal magnetic forces in N	
				AN AINiCo	ND NdFeB
.24	M 3	.79	.28	.45 lbf (2 N)	1.35 lbf (6 N)
.31	M 3	.79	.28	.90 lbf (4 N)	2.70 lbf (12 N)
.39	M 4	.79	.31	1.91 lbf (8.5 N)	5.40 lbf (24 N)
.51	M 4	.79	.31	2.70 lbf (12 N)	13.49 lbf (60 N)
.63	M 4	.79	.39	4.50 lbf (20 N)	20.23 lbf (90 N)
.79	M 6	.98	.39	8.99 lbf (40 N)	30.35 lbf (135 N)
.98	M 6	1.38	.39	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	.59	53.95 lbf (240 N)	157 lbf (700 N)
1.97	M 10	2.36	.59	89.92 lbf (400 N)	225 lbf (1000 N)
2.48	M 12	2.56	.79	148 lbf (660 N)	382 lbf (1700 N)