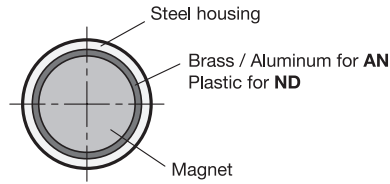


View of magnetic surface



4 Type
E With threaded stud

Metric table

Dimensions in: millimeters - inches

d ₁ ±0.1	d ₂	h ±0.2	Length l	A/F	Nominal magnetic forces	
					AN	ND
6 0.24	M 3	20 0.79	7 0.28	1.5	2 N 0.45 lbf	6 N 1.35 lbf
8 0.31	M 3	20 0.79	7 0.28	1.5	4 N 0.90 lbf	12 N 2.70 lbf
10 0.39	M 4	20 0.79	8 0.31	2	8.5 N 1.91 lbf	24 N 5.40 lbf
13 0.51	M 4	20 0.79	8 0.31	2	12 N 2.70 lbf	60 N 13.49 lbf
16 0.63	M 4	20 0.79	10 0.39	2	20 N 4.50 lbf	90 N 20.23 lbf
20 0.79	M 6	25 0.98	10 0.39	3	40 N 8.99 lbf	135 N 30.35 lbf
25 0.98	M 6	35 1.38	10 0.39	3	60 N 13.49 lbf	190 N 42.71 lbf
32 1.26	M 8	40 1.57	12 0.47	4	160 N 35.97 lbf	340 N 76.44 lbf
40 1.57	M 8	50 1.97	15 0.59	4	240 N 53.95 lbf	700 N 157 lbf
50 1.97	M 10	60 2.36	15 0.59	5	400 N 89.92 lbf	1000 N 225 lbf
63 2.48	M 12	65 2.56	20 0.79	6	660 N 148 lbf	1700 N 382 lbf

Specification

- Magnet materials
 - AlNiCo
Aluminum, nickel, cobalt
Temperature resistant up to 842 °F (450 °C)
 - NdFeB
Neodymium, iron, boron
Temperature resistant up to 176 °F (80 °C)
- Housing
Steel, zinc plated
- RoHS compliant



Information

GN 52.4 retaining magnets, in combination with the steel housing and the insulation made of brass / aluminum or plastic, form a system that shields and strengthens the magnet for optimal transmission of the magnetic flux onto the magnetic surface.

see also...

- More Information on Retaining Magnets → page 1990
- Retaining Magnets GN 52.5 (with Threaded Stud) → page 2023
- Retaining Magnets GN 52.1 (without Hole) → page 2019
- Retaining Magnets GN 54.1 (without Hole) → page 2017
- Retaining Magnets GN 52.2 (with Tapped Blind Hole) → page 2020

Accessory

- Magnet holding disks GN 70 → page 2029
- Self-adhesive disks GN 70.1 → page 2030
- Rubber caps GN 70.2 → page 2031

How to order	1 Magnet material
GN 52.4-ND-20-M6-E	2 Diameter d ₁
	3 Thread d ₂
	4 Type