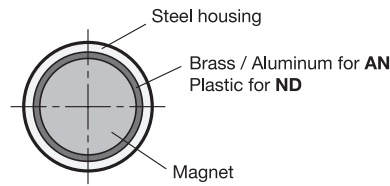


View of magnetic surface



Metric table

Dimensions in: millimeters - inches

d ₁ ±0.1	d ₂	h ±0.2	t min.	Nominal magnetic forces	
				AN	ND
6 0.24	M 3	20 0.79	5 0.20	2 N 0.45 lbf	6 N 1.35 lbf
8 0.31	M 3	20 0.79	5 0.20	4 N 0.90 lbf	12 N 2.70 lbf
10 0.39	M 4	20 0.79	7 0.28	8.5 N 1.91 lbf	24 N 5.40 lbf
13 0.51	M 4	20 0.79	7 0.28	12 N 2.70 lbf	60 N 13.49 lbf
16 0.63	M 4	20 0.79	5 0.20	20 N 4.50 lbf	90 N 20.23 lbf
20 0.79	M 6	25 0.98	7 0.28	40 N 8.99 lbf	135 N 30.35 lbf
25 0.98	M 6	35 1.38	9 0.35	60 N 13.49 lbf	190 N 42.71 lbf
32 1.26	M 8	40 1.57	9 0.35	160 N 35.97 lbf	340 N 76.44 lbf
40 1.57	M 8	50 1.97	12 0.47	240 N 53.95 lbf	700 N 157 lbf
50 1.97	M 10	60 2.36	12 0.47	400 N 89.92 lbf	1000 N 225 lbf
63 2.48	M 12	65 2.56	14 0.55	660 N 148 lbf	1700 N 382 lbf

Specification

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

Information

GN 52.2 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 54.1 (without Hole)* → page 2017
- *Retaining Magnets GN 52.4 (with Threaded Stud)* → page 2022
- *Retaining Magnets GN 52.3 (with Tapped Blind Hole)* → page 2021

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 GN 52.2-ND-16	1	Magnet material
	2	Diameter d ₁