



SS Stainless Steel

Metric table

Dimensions in: millimeters - inches

² d ₁ ±0.2	³ d ₂	h ±0.2	Length l	A/F	Nominal magnetic forces
10 0.394	M 4	14 0.551	6 0.24	8 0.31	9.5 N 2.14 lbf
13 0.512	M 6	16 0.630	10 0.39	11 0.43	15 N 3.37 lbf
16 0.630	M 8	18 0.709	12 0.47	13 0.51	23 N 5.17 lbf
20 0.787	M 10	20 0.787	14 0.55	17 0.67	46 N 10.34 lbf
25 0.984	M 10	20 0.787	14 0.55	21 0.83	95 N 21.36 lbf

Specification

- Magnet material
NdFeB **ND**
Neodymium, iron, boron
Temperature resistant up to 176 °F (80 °C)
- Housing
Stainless steel
- Rubber
Elastomer (TPE)
≈ 80 shore A
Black
- Plastic Characteristics → page 2135
- RoHS compliant

Information

Retaining magnets GN 52.5, in combination with the stainless steel housing, form a system that shields and strengthens the magnet and concentrates the magnetic flux optimally on the rubberized magnetic surface.

The rubber protects sensitive surfaces from being damaged by the magnet and also has a high coefficient of friction, resulting in high lateral displacement forces.

see also...

- More Information on Retaining Magnets → page 1990
- Retaining Magnets GN 52.6 (Stainless Steel, with Tapped Blind Hole) → page QVX
- Retaining Magnets GN 52.2 (with Tapped Blind Hole) → page 2020
- Retaining Magnets GN 54.1 (without Hole) → page 2017
- 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

How to order	
¹ ² ³ GN 52.5-ND-13-M6	1 Magnet material
	2 Diameter d₁
	3 Thread d₂

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10