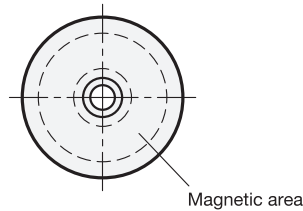


View of magnetic surface



Metric table

2

Dimensions in: millimeters - inches

d ₁	d ₂	d ₃	t	h	Nominal magnetic forces
18 0.71	3 0.12	8.2 0.32	3.5 0.14	6 0.24	25 N 5.62 lbf
22 0.87	4 0.16	8.2 0.32	3.5 0.14	6 0.24	38 N 8.54 lbf
31 1.22	6 0.24	9 0.35	3.5 0.14	6 0.24	89 N 20.01 lbf
57 2.24	8 0.31	25.3 1.00	3.3 0.13	7.5 0.30	200 N 44.96 lbf
66 2.60	5.5 0.22	22 0.87	3.2 0.13	8.5 0.33	250 N 56.20 lbf

Specification

1

3

- Magnet material
NdFeB **ND**
Neodymium, iron, boron
Temperature resistant up to 176 °F (80 °C)
- Steel part
Zinc plated
- Rubber jacket
Elastomer (TPE) ≈ 80 shore A
- Black **● SW**
- White **○ WS**
- Plastic Characteristics → page 2135
- RoHS compliant

Information

GN 51.4 retaining magnets with rubber jacket, in combination with the steel part, 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 51.3 (with Threaded Stud) → page 2010
- Retaining Magnets GN 57.1 (with Tapped Hole) → page 2012
- Retaining Magnets GN 50.4 (with Plain Hole) → page 2000
- Raw Magnets GN 55.1 (with Plain or Countersunk Hole) → page 2027

Accessory

- Magnet holding disks GN 70 → page 2029
- Self-adhesive disks GN 70.1 → page 2030

On request

- Other colors
- Other shore hardnesses

How to order	
1	Magnet material
2	Diameter d ₁
3	Color

GN 51.4-ND-31-WS

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10