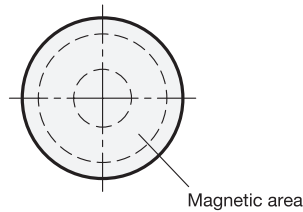


View of magnetic surface



Metric table

2

Dimensions in: millimeters - inches

| d ₁ | d ₂ Thread | h | t ₁ | t ₂ | Nominal magnetic forces |
|----------------|--------------------------|-------------|----------------|----------------|-------------------------|
| 18 0.71 | M 4 | 6 0.24 | 3.5 0.14 | 0.8 0.03 | 25 N 5.62 lbf |
| 22 0.87 | M 4 | 6 0.24 | 4.5 0.18 | 0.8 0.03 | 38 N 8.54 lbf |
| 31 1.22 | M 5 | 6 0.24 | 4.5 0.18 | 0.8 0.03 | 89 N 20.01 lbf |
| 43 1.69 | M 4 | 6 0.24 | 4 0.16 | 0.8 0.03 | 100 N 22.48 lbf |
| 57 2.24 | M 5 | 7.5 0.30 | 4.5 0.18 | 1.2 0.05 | 200 N 44.96 lbf |
| 66 2.60 | M 6 | 8.5 0.33 | 6 0.24 | 1.8 0.07 | 250 N 56.20 lbf |
| 88 3.46 | M 6 | 8.5 0.33 | 6 0.24 | 1.8 0.07 | 550 N 124 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 51.5 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 onto 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 50.4 (with Tapped Hole) → page 2002
- Retaining Magnets GN 52.5 (with Threaded Stud) → page 2023

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 51.5-ND-88-SW