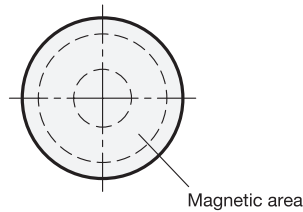


View of magnetic surface



**Metric table**

2

Dimensions in: millimeters - inches

d <sub>1</sub>	d <sub>2</sub> Thread	h	t <sub>1</sub>	t <sub>2</sub>	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

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

<p>How to order</p> <p><b>GN 51.5-ND-88-SW</b></p>	1	Magnet material
	2	Diameter d <sub>1</sub>
	3	Color