



- 4 Type**
- A** With 1 tapped hole
  - B** With 2 tapped holes

**Metric table**

Dimensions in: millimeters - inches

1 b	2 l <sub>1</sub>	3 d <sub>1</sub>	d <sub>2</sub>	h <sub>1</sub>	h <sub>2</sub>	l <sub>2</sub>	t	Nominal magnetic forces	
								Type A	Type B
31 1.22	43 1.69	M 4	10 0.39	6 0.24	1 0.04	25 0.98	4.5 0.18	105 N 23.60 lbf	146 N 32.82 lbf
45 1.77	59 2.32	M 5	10 0.39	8.5 0.33	6.2 0.24	27 1.06	9 0.35	240 N 53.95 lbf	240 N 53.95 lbf
45 1.77	74 2.91	M 5	10 0.39	8.5 0.33	6.2 0.24	36 1.42	9 0.35	360 N 80.93 lbf	360 N 80.93 lbf
45 1.77	110 4.33	M 6	10 0.39	8.5 0.33	6.2 0.24	68 2.68	9 0.35	530 N 119 lbf	530 N 119 lbf

**Specification**

- Magnet material  
NdFeB  
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 57.1 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 57.2 (Rectangular-Shaped, with Tapped Hole) → page 2013
- Retaining Magnets GN 51.5 (Disk-Shaped, with Tapped Hole) → page 2006
- Retaining Magnets GN 50.4 (Disk-Shaped, with Tapped Hole) → page 2002
- Retaining Magnets GN 52.5 (Rod-Shaped, 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 style="font-size: 2em; font-weight: bold;">GN 57.1-31-43-M4-A-WS</p>	1	Width b
	2	Length l <sub>1</sub>
	3	Thread d <sub>1</sub>
	4	Type
	5	Color