



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

**Metric table**

Dimensions in: millimeters - inches

I <sub>1</sub>	d <sub>1</sub>		b <sub>1</sub>	b <sub>2</sub>	d <sub>2</sub>	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	l <sub>2</sub>	l <sub>3</sub>	m
	Type A / B	Type D									
70 2.76	M 5	5.5	50 1.97	43.5 1.71	12 0.47	13 0.51	8 0.31	6 0.24	61.5 2.42	20.5 0.81	27.5 1.08

  

I <sub>1</sub>	Nominal magnetic forces F <sub>H1</sub> (No air gap)						Nominal magnetic forces F <sub>H2</sub> (6 mm air gap)					
	HF			ND			HF			ND		
	Type A	Type B	Type D	Type A	Type B	Type D	Type A	Type B	Type D	Type A	Type B	Type D
70 2.76	45 N 10.12 lbf	45 N 10.12 lbf	45 N 10.12 lbf	290 N 65.19 lbf	290 N 65.19 lbf	290 N 65.19 lbf	16 N 3.60 lbf	11 N 2.47 lbf	14 N 3.15 lbf	68 N 15.29 lbf	72 N 16.19 lbf	70 N 15.74 lbf

**Specification**

- Magnet materials
  - Hard ferrite **HF**  
Temperature resistant up to 392 °F (200 °C)
  - NdFeB **ND**  
Neodymium, iron, boron  
Temperature resistant up to 176 °F (80 °C)
- Steel part  
Zinc plated
- Rubber jacket  
Elastomer (TPE)  
≈ 50 shore A (Magnetic surface)  
≈ 90 shore A (Mounting surface)  
Black **SW**
- Plastic Characteristics → page 2135
- RoHS compliant

**Information**

GN 57.2 retaining magnets with rubber jacket, in combination with the steel part, form a particularly strong system that shields the magnet, increases the depth of its effect and concentrates the magnetic flux optimally on the rubberized magnetic surfaces. This makes these magnets particularly suitable for use on surfaces that are coated with thick layers of paint or have round or uneven shapes.

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

How to order	
1	Magnet material
2	Length I <sub>1</sub>
3	Bore d <sub>1</sub> (Thread d <sub>1</sub> )
4	Type
5	Color

**GN 57.2-HF-70-5.5-D-SW**

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10