



- 4 Type**
- A** With 1 internal thread
  - B** With 2 internal threads
  - D** With 2 bores

<b>2</b>	<b>3</b>	$l_1$	$d_1$	$b_1$	$b_2$	$d_2$	$h_1$	$h_2$	$h_3$	$l_2$	$l_3$	$m$	
		70	Type A / B M 5	Type D 5,5	50	43,5	12	13	8	6	61,5	20,5	27,5

$l_1$	Nominal magnetic forces $F_{H1}$ in N (no air gap)						Nominal magnetic forces $F_{H2}$ in N (6 mm air gap)					
	HF		ND		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	45	45	45	290	290	290	16	11	14	68	72	70

**Specification**

- Steel part  
Zinc plated
- Materials of the magnet:
  - Hard ferrite **HF**  
Temperature resistant up to 200 °C
  - NdFeB **ND**  
Neodymium, iron, boron  
Temperature resistant up to 80 °C
- Rubber jacket  
Elastomer (TPE)  
≈ 50 Shore A (Magnetic surface)  
≈ 90 Shore A (Mounting surface)  
Black ● **SW**
- *Elastomer Characteristics* → Page 2158
- RoHS

**Information**

The retaining magnets GN 57.2 with rubber jacket form a system together with the steel part that is especially strong, shielding the magnet, increasing the depth of its effect and optimally concentrating the magnetic flux on the rubberized magnetic surfaces. This makes these magnets particularly well suited for use on surfaces that may have thick coats of paint or feature rounded or uneven shapes.

The rubber protects sensitive surfaces from being damaged by the magnet and also delivers a high friction coefficient, resulting in high lateral displacement forces.

see also...

• *More Information to Retaining Magnets* → Page 2028

How to order	
<b>1</b>	Material of the magnet
<b>2</b>	$l_1$
<b>3</b>	$d_1$
<b>4</b>	Type
<b>5</b>	Color

**GN 57.2-HF-70-5,5-D-SW**