

## Retaining magnets

rectangular-shaped, with rubber jacket

### SPECIFICATION

#### Types

- Type **A**: with 1 female thread
- Type **B**: with 2 female threads
- Type **D**: with 2 bores

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**



### 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.

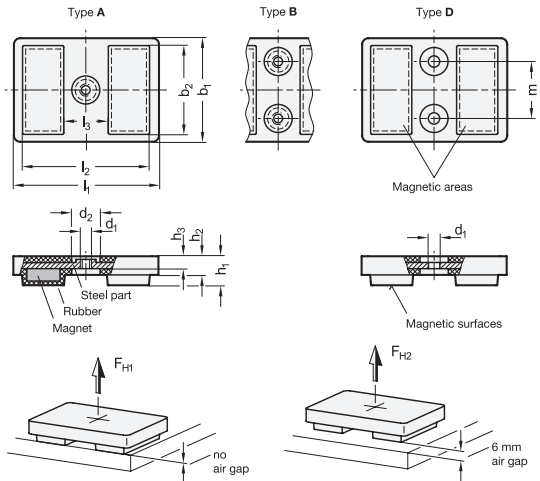
This makes these magnets particularly well suited for use on surfaces that may have thick coats of paint or feature rounded or uneven shapes.

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

- More information to retaining magnets (see page 2022)

### TECHNICAL INFORMATION

- Elastomer characteristics (see page A32)



### GN 57.2-A

Description	l1	d1	b1	b2	d2	h1	h2	h3	l2	l3	m	Nominal magnetic forces		△
												FH1 n N (no air gap)	FH2 in N (6 mm air gap)	
GN 57.2-HF-70-M5-A-SW	70	M 5	50	43.5	12	13	8	6	61.5	20.5	27.5	45	16	125
GN 57.2-ND-70-M5-A-SW	70	M 5	50	43.5	12	13	8	6	61.5	20.5	27.5	290	68	149

### GN 57.2-B

Description	l1	d1	b1	b2	d2	h1	h2	h3	l2	l3	m	Nominal magnetic forces		△
												FH1 n N (no air gap)	FH2 in N (6 mm air gap)	
GN 57.2-HF-70-M5-B-SW	70	M 5	50	43.5	12	13	8	6	61.5	20.5	27.5	45	11	125
GN 57.2-ND-70-M5-B-SW	70	M 5	50	43.5	12	13	8	6	61.5	20.5	27.5	290	72	149

### GN 57.2-D

Description	l1	d1	b1	b2	d2	h1	h2	h3	l2	l3	m	Nominal magnetic forces		△
												FH1 n N (no air gap)	FH2 in N (6 mm air gap)	
GN 57.2-HF-70-5.5-D-SW	70	5.5	50	43.5	12	13	8	6	61.5	20.5	45	14	125	
GN 57.2-ND-70-5.5-D-SW	70	5.5	50	43.5	12	13	8	6	61.5	20.5	290	70	149	