

Retaining Magnets

Neodymium-Iron-Boron, with Countersunk Hole, with Rubber Jacket

SPECIFICATION

Types

- Type **A**: With 1 countersunk hole
- Type **B**: With 2 countersunk holes

Magnet

NdFeB

Neodymium, iron, boron

Operating temperature up to 80 °C

Steel part

Zinc plated

Rubber jacket

Thermoplastic elastomer (TPE)

• Black **SW**

• White **WS**

• Hardness ≈ 80 Shore A



INFORMATION

The retaining magnets GN 57.4 with rubber jacket form a system together with the steel part that shields and strengthens the magnet, optimally concentrating the magnetic flux on the rubberized magnetic surface.

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

ON REQUEST

- Other colors
- Other Shore hardness

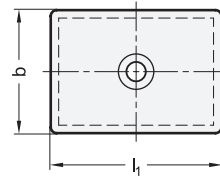
TECHNICAL INFORMATION

- More Information on Retaining Magnets (see page 2022)
- Plastic Characteristics (see page A2)

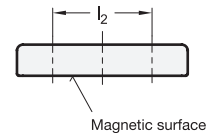
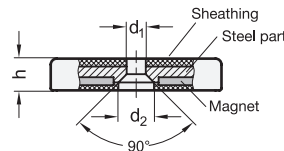
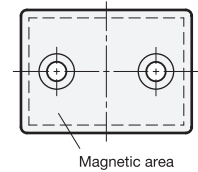
ACCESSORY

- GN 70 Holding Disks (see page 2051)
- GN 70.1 Adhesive Disks (see page 2051)

Type A



Type B



* Complete with

SW
Black

WS
White

GN 57.4-A

Description	b	l ₁	d ₁	d ₂	h	Nominal magnetic forces in N	⚖️
GN 57.4-22.5-35-A-*	22.5	35	4.3	8	6	75	22
GN 57.4-22.5-55-A-*	22.5	55	4.3	8	6	120	33
GN 57.4-22.5-75-A-*	22.5	75	4.3	8	6	195	46
GN 57.4-45-59-A-*	45	59	5.5	12	8.5	240	81
GN 57.4-45-74-A-*	45	74	6.5	12	8.5	360	104
GN 57.4-45-110-A-*	45	110	6.5	12	8.5	530	157

GN 57.4-B

Description	b	l ₁	d ₁	d ₂	h	l ₂	Nominal magnetic forces in N	⚖️
GN 57.4-22.5-35-B-*	22.5	35	4.3	8	6	17	75	22
GN 57.4-22.5-55-B-*	22.5	55	4.3	9	6	30	120	33
GN 57.4-22.5-75-B-*	22.5	75	4.3	8	6	50	195	46
GN 57.4-45-59-B-*	45	59	5.5	12	8.5	27	240	81
GN 57.4-45-74-B-*	45	74	6.5	12	8.5	36	360	104
GN 57.4-45-110-B-*	45	110	6.5	12	8.5	68	530	157

Weight SW