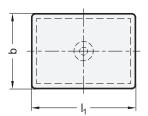
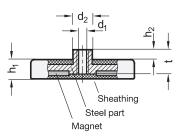
# **Retaining Magnets**

Neodymium-Iron-Boron (NdFeB), with Internal Thread, with Rubber Jacket

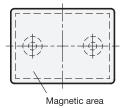


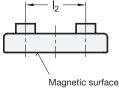






Type B







3.2

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3.6



With 1 internal thread With 2 internal threads

		_	
Magnetic surface			

4	<b>Q</b>							
$l_1$ $d_1$ $d_2$ $h_1$ $h_2$ $l_2$	t	Nominal m	Nominal magnetic forces in N					
						Type A	Туре В	
35	M 4	8	6	5	17	6	93	93
55	M 4	8	6	5	30	6	140	140
75	M 4	8	6	5	50	6	205	205
43	M 4	10	6	1	25	4,5	105	146
59	M 5	10	8,5	6,2	27	9	240	240
74	M 5	10	8,5	6,2	36	9	360	360
110	M 6	10	8,5	6,2	68	9	530	530
	35 55 75 43 59 74	I1 d1   35 M 4   55 M 4   75 M 4   43 M 4   59 M 5   74 M 5	I1 d1 d2   35 M 4 8   55 M 4 8   75 M 4 8   43 M 4 10   59 M 5 10   74 M 5 10	I1     d1     d2     h1       35     M 4     8     6       55     M 4     8     6       75     M 4     8     6       43     M 4     10     6       59     M 5     10     8,5       74     M 5     10     8,5	I1     d1     d2     h1     h2       35     M 4     8     6     5       55     M 4     8     6     5       75     M 4     8     6     5       43     M 4     10     6     1       59     M 5     10     8,5     6,2       74     M 5     10     8,5     6,2	I1     d1     d2     h1     h2     I2       35     M 4     8     6     5     17       55     M 4     8     6     5     30       75     M 4     8     6     5     50       43     M 4     10     6     1     25       59     M 5     10     8,5     6,2     27       74     M 5     10     8,5     6,2     36	I1     d1     d2     h1     h2     I2     t       35     M4     8     6     5     17     6       55     M4     8     6     5     30     6       75     M4     8     6     5     50     6       43     M4     10     6     1     25     4,5       59     M5     10     8,5     6,2     27     9       74     M5     10     8,5     6,2     36     9	I1     d1     d2     h1     h2     I2     t     Nominal m Type A       35     M 4     8     6     5     17     6     93       55     M 4     8     6     5     30     6     140       75     M 4     8     6     5     50     6     205       43     M 4     10     6     1     25     4,5     105       59     M 5     10     8,5     6,2     27     9     240       74     M 5     10     8,5     6,2     36     9     360

### Specification

# Magnet

NdFeB

Neodymium, iron, boron

Operating temperature up to 80 °C

#### Steel part

Zinc plated

#### Sheathing

Thermoplastic polyurethane (TPE)

- Black
- White  $\circ$  ws
- Hardness ≈ 80 Shore A

## **RoHS**

#### On request

- Other colors
- · Other Shore hardnesses

The retaining magnets GN 57.1 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.

see also	Page
GN 57.2 Retaining Magnets (Rectangular-shaped, with Internal Thread)	QVX
GN 51.5 Retaining Magnets (Disc-shaped, with Internal Thread)	QVX
GN 50.4 Retaining Magnets (Disc-shaped, with Internal Thread)	QVX
GN 52.5 Retaining Magnets (Rod-shaped, with Threaded Stud)	QVX

#### **Technical Information**

More Information on Retaining Magnets	QVX
Plastic Characteristics	QVX

#### Accessory

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GN 70 Holding Disks	QVX
GN 70.1 Adhesive Disks	QVX

How to order		b
	2	I <sub>1</sub>
		d <sub>1</sub>
GN 57.1-31-43-M4-A-WS	4	Туре
	5	Color