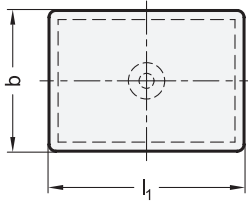
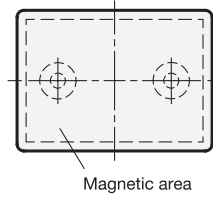


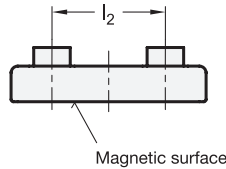
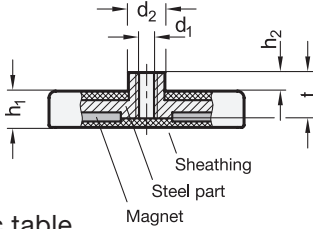
Type A



Type B



Metric



4 Type

- A With 1 tapped hole
- B With 2 tapped holes

Metric table

Dimensions in: millimeters / inches

b	l ₁	d ₁	d ₂	h ₁	h ₂	l ₂	t	Nominal magnetic forces	
								Type A	Type B
22.5 0.89	35 1.38	M 4	8 0.31	6 0.24	5 0.20	17 0.67	6 0.24	93 N 20.91 lbf	93 N 20.91 lbf
22.5 0.89	55 2.17	M 4	8 0.31	6 0.24	5 0.20	30 1.18	6 0.24	140 N 31.47 lbf	140 N 31.47 lbf
22.5 0.89	75 2.95	M 4	8 0.31	6 0.24	5 0.20	50 1.97	6 0.24	205 N 46.09 lbf	205 N 46.09 lbf
31 1.22	43 1.69	M 4	10 0.39	6 0.24	1 0.04	25 0.98	4.5 0.18	105 N 23.60 lbf	146 N 32.82 lbf
45 1.77	59 2.32	M 5	10 0.39	8.5 0.33	6.2 0.24	27 1.06	9 0.35	240 N 53.95 lbf	240 N 53.95 lbf
45 1.77	74 2.91	M 5	10 0.39	8.5 0.33	6.2 0.24	36 1.42	9 0.35	360 N 80.93 lbf	360 N 80.93 lbf
45 1.77	110 4.33	M 6	10 0.39	8.5 0.33	6.2 0.24	68 2.68	9 0.35	530 N 119 lbf	530 N 119 lbf

Specification

Magnet material

NdFeB
Neodymium, iron, boron
Operating temperature up to 176 °F (80 °C)

Steel part

Zinc plated

Sheathing

Thermoplastic polyurethane (TPE)

- Black ● SW
- White ○ WS
- Hardness ≈ 80 Shore A

RoHS

On request

- Other colors
- Other Shore hardnesses

Accessory

- GN 70 Magnet Holding Disks QVX
- GN 70.1 Self-Adhesive Disks QVX

Retaining magnets GN 57.1 with rubber jacket, in combination with the steel part, form a system that shields and strengthens the magnet and concentrates the magnetic flux optimally onto the rubberized magnetic surface.

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...

- GN 57.2 Retaining Magnets (Rectangular-Shaped, with Tapped Hole) QVX
- GN 51.5 Retaining Magnets (Disk-Shaped, with Tapped Hole) QVX
- GN 50.4 Retaining Magnets (Disk-Shaped, with Tapped Hole) QVX
- GN 52.5 Retaining Magnets (Rod-Shaped, with Threaded Stud) QVX

Technical Information

- More Information on Retaining Magnets QVX
- Plastic Characteristics QVX

How to order

1	Width b
2	Length l ₁
3	Thread d ₁
4	Type
5	Color

GN 57.1-31-43-M4-A-SW

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10