



Universal table

Dimensions in: millimeters - inches

² Length l ±0.1	³ b ±0.1	⁴ h ±0.1	Nominal magnetic forces
7.5 0.295	4 0.157	1.5 0.059	5 N 1.12 lbf
7.5 0.295	6 0.236	2 0.079	8 N 1.80 lbf
10 0.394	5 0.197	1.8 0.071	6 N 1.35 lbf
10 0.394	7.5 0.295	2 0.098	11 N 2.47 lbf
12 0.472	9.5 0.374	2.5 0.098	17 N 3.82 lbf
16 0.630	12.5 0.492	2.5 0.098	24 N 5.40 lbf
18 0.709	16.5 0.650	3 0.118	30 N 6.74 lbf
18 0.709	16.5 0.650	4 0.157	50 N 11.24 lbf
20 0.787	10 0.394	5 0.157	50 N 11.24 lbf

² Length l ±0.1	³ b ±0.1	⁴ h ±0.1	Nominal magnetic forces
22.7 0.894	5.7 0.224	7 0.276	36 N 8.09 lbf
25 0.984	10 0.394	2 0.079	28 N 6.29 lbf
26 1.024	20.3 0.799	5 0.197	77 N 17.31 lbf
26 1.024	26 1.024	3.8 0.150	60 N 13.49 lbf
33 1.299	26.3 1.035	6.5 0.256	125 N 28.10 lbf
37.5 1.476	10 0.394	5 0.197	77 N 17.31 lbf
40 1.575	18 0.709	6 0.236	115 N 25.85 lbf
40 1.575	18 0.709	12 0.472	240 N 53.95 lbf
49.5 1.949	9.3 0.366	4.9 0.193	87 N 19.56 lbf

Specification

- Magnet materials
NdFeB
Neodymium, iron, boron
- Nickel plated
- Temperature resistant up to 176 °F (80 °C)
- RoHS compliant



ND

On request

- Other dimensions and shape
- Temperature resistant up to 428 °F (220 °C)
- With adhesive pad
- Zinc or gold plated finish

Information

Raw magnets GN 55.4 are rectangular-shaped unshielded magnets. They can be fastened using adhesives, overcoats or by mechanical clamping. If no suitable retaining magnets or magnet systems are available, raw magnets may be used in combination with appropriate holding constructions to build up highly specific magnet systems.

When used without air gap, individual raw magnets always have lower magnetic forces than a magnet system in which shielding and magnetic return enormously intensify the force acting at the magnetic surface. Depending on the air gap between magnet and mating component, individual raw magnets, unlike magnet systems, can have substantially higher retaining forces.

see also...

- More Information on Retaining Magnets → page QVX
- Raw Magnets GN 55.1 (Disk-Shaped, without Hole) → page XYZ
- Raw Magnets GN 55.2 (Disk-Shaped, without Hole) → page XYZ
- Raw Magnets GN 55.3 (Rod-Shaped, without Hole) → page XYZ

How to order	
¹	Magnet material
²	Length l
³	Width b
⁴	Height h

GN 55.4-ND-37.5-10-5

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

