



Universal table

² Length l	³ b	⁴ h ±0.1	Dimensions in: millimeters - inches
12 ±0.3 0.472 +0.012	10.5 ±0.2 0.413 ±0.008	7 0.276	Nominal magnetic forces 4 N 0.90 lbf
25 ±0.3 0.984 +0.012	9 ±0.2 0.354 ±0.038	5 0.197	5 N 1.12 lbf
30 ±0.5 1.181 ±0.020	10 ±0.3 0.394 ±0.012	6 0.236	7 N 1.57 lbf
40 ±1 1.575 ±0.039	10 ±0.3 0.394 ±0.012	4 0.157	6.5 N 1.46 lbf
40 ±0.2 1.575 ±0.008	18 ±0.2 0.709 ±0.008	6 0.236	11 N 2.47 lbf
43 -0.5 1.693 -0.020	10 ±0.2 0.394 ±0.008	3.8 0.150	6 N 1.35 lbf
45 ±0.5 1.772 ±0.020	12 ±0.3 0.472 ±0.012	6 0.236	10 N 2.25 lbf
49.5 ±0.5 1.949 ±0.020	9.3 ±0.3 0.366 ±0.012	4.9 0.193	10 N 2.25 lbf
75.5 ±1.5 2.972 ±0.059	14 ±0.1 0.551 ±0.004	9.8 0.386	28 N 6.29 lbf

Specification

- Magnet material
Hart ferrite **HF**
- Plain finish
- Temperature resistant up to 482 °F (250 °C)
- **RoHS compliant**

On request

- Other dimensions

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*

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

GN 55.4-HF-49.5-9.3-4.9