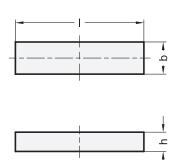
# **Raw Magnets**

Hard Ferrite, Unshielded, without Hole







#### **Universal table**

2	3	₫	Dimensions in: millimeters - inches
Length I	b	<b>h</b> ±0.1	Nominal magnetic forces
12 ±0.3	10.5 ±0.2	7	4 N
0.472 +0.012	0.413 ±0.008	0.276	0.90 lbf
25 ±0.3	9 ±0.2	5	5 N
0.984 +0.012	0.354 ±0.038	0.197	1.12 lbf
30 ±0.5	10 ±0.3	6	7 N
1.181 ±0.020	0.394 ±0.012	0.236	1.57 lbf
40 ±1	10 ±0.3	4	6.5 N
1.575 ±0.039	0.394 ±0.012	0.157	1.46 lbf
40 ±0.2	18 ±0.2	6	11 N
1.575 ±0.008	0.709 ±0.008	0.236	2.47 lbf
43 -0.5	10 ±0.2	3.8	6 N
1.693 -0.020	0.394 ±0.008	<i>0.150</i>	1.35 lbf
45 ±0.5	12 ±0.3	6	10 N
1.772 ±0.020	0.472 ±0.012	0.236	2.25 lbf
49.5 ±0.5	9.3 ±0.3	4.9	10 N
1.949 ±0.020	0.366 ±0.012	<i>0.</i> 193	2.25 lbf
75.5 ±1.5	14 ±0.1	9.8	28 N
2.972 ±0.059	0.551 ±0.004	<i>0.</i> 386	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.

More Information on Retaining Magnets → page QVX

How to order	1 Magnet material
	2 Length I
0 0 0 0	3 Width b
GN 55.4-HF-49.5-9.3-4.9	4 Height h