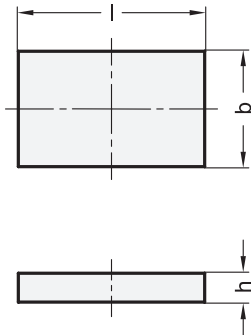


Universal



Universal table

Length l ±0.1	b ±0.1	h ±0.1	Dimensions in: millimeters / inches
7.5 0.295	4 0.157	1.5 0.059	Nominal magnetic forces
7.5 0.295	6 0.236	2 0.079	3.4 N 0.76 lbf
10 0.394	7.5 0.295	2 0.079	5 N 1.12 lbf
12 0.472	9.5 0.374	2.5 0.098	7.5 N 1.69 lbf
16 0.630	12.5 0.492	2.5 0.098	11 N 2.47 lbf
18 0.709	16.5 0.650	4 0.157	15 N 3.37 lbf
26 1.024	20.3 0.799	5 0.197	29 N 6.52 lbf
33 1.299	26.3 1.035	6.5 0.256	51 N 11.47 lbf
			85 N 19.11 lbf

Specification

SmCo

Samarium, cobalt

• Plain finish

• Operating temperature up to 662 °F (350 °C)

RoHS

On request

• Other dimensions

• Zinc or nickel plated finish

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...	Page
GN 55.1 Raw Magnets (Disk-Shaped, with Bore or Countersunk Hole)	QVX
GN 55.2 Raw Magnets (Disk-Shaped, without Hole)	QVX
GN 55.3 Raw Magnets (Rod-Shaped)	QVX

Technical Information	
More Information on Retaining Magnets	QVX

How to order	1	Material
	2	Length l
	3	Width b
	4	Height h
GN 55.4-SC-18- 16.5 -4		