



Universal table

Dimensions in: millimeters - inches

² d ±0.1	³ h ±0.1	Nominal magnetic forces
4 0.157	3 0.118	2.5 N 0.56 lbf
5 0.197	3 0.118	3.5 N 0.79 lbf
6 0.236	3 0.118	4 N 0.90 lbf
7 0.276	3 0.118	6 N 1.35 lbf
8 0.315	3 0.118	8 N 1.80 lbf
10 0.394	3 0.118	10 N 2.25 lbf
12 0.472	3 0.118	11 N 2.47 lbf
15 0.591	3 0.118	18 N 4.05 lbf
15 0.591	4 0.157	22 N 4.95 lbf
18 0.709	3 0.118	25 N 5.62 lbf
20 0.787	4 0.157	32 N 7.19 lbf
24 0.945	3 0.118	30 N 6.74 lbf
25 0.984	4 0.157	41 N 9.22 lbf

Specification

- Magnet material
SmCo **SC**
Samarium, cobalt
- Plain finish
- Temperature resistant up to 662 °F (350 °C)
- RoHS compliant

On request

- Other dimensions
- Zinc or nickel plated finish

Information

Raw magnets GN 55.2 are disk-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 1990

How to order ¹ ² ³ GN 55.2-SC-20-4	1 Magnet material
	2 Diameter d
	3 Height h