



**Universal table**

Dimensions in: millimeters - inches

d ±0.1	h ±0.1	Nominal magnetic forces		Packaging units	
		SC	ND	SC	ND
4 0.16	3 0.12	2.5 N 0.56 lbf	4 N 0.90 lbf	20	20
5 0.20	3 0.12	3.5 N 0.79 lbf	5 N 1.12 lbf	20	20
6 0.24	3 0.12	4 N 0.90 lbf	7.5 N 1.69 lbf	20	20
8 0.31	3 0.12	8 N 1.80 lbf	13 N 2.92 lbf	20	20
10 0.39	3 0.12	10 N 2.25 lbf	15 N 3.37 lbf	20	20
12 0.47	3 0.12	11 N 2.47 lbf	20 N 4.50 lbf	10	20
15 0.59	3 0.12	16 N 3.60 lbf	28 N 6.29 lbf	10	20
18 0.71	3 0.12	25 N 5.62 lbf	35 N 7.87 lbf	10	10
20* 0.79	3 0.12	-	42 N 9.44 lbf	-	10
24 0.94	3 0.12	36 N 8.09 lbf	55 N 12.36 lbf	5	10

\*Only available in material ND

**Specification**

- Magnet materials
  - SmCo  
Samarium, cobalt  
Plain finish  
Temperature resistant up to 392 °F (200 °C)
  - NdFeB  
Neodymium, iron, boron  
Nickel plated  
Temperature resistant up to 176 °F (80 °C)

• RoHS compliant

**On request**

- Further sizes
- Made of hard ferrite (HF)



**Information**

GN 55.2 raw magnets are unshielded, disk-shaped magnets. They are typically attached with adhesive.

SC

Due to the large variety of magnet materials and sizes, they are suitable for various applications. When used without an air gap, individual raw magnets always have lower magnetic forces than magnet assemblies in which shielding and magnetic return enormously increase the force on the magnetic surface. Depending on the air gap between magnet and counterpart, individual raw magnets can have significantly higher magnetic forces in contrast to magnet assemblies.

ND

In case no suitable retaining magnets or magnet assemblies are available, raw magnets may be used in combination with an appropriate holding construction to build up specific magnet assemblies.

see also...

- More Information on Retaining Magnets → page 1990

How to order

**GN 55.2-ND-24-3**

1	Magnet material
2	Diameter d
3	Height h