



Universal table

Dimensions in: millimeters - inches

² d _{-0.2} ⁰	³ Length l ±0.1	Nominal magnetic forces	Temperature resistance in °F	Packing units
3 0.12	10 0.39	1.1 N 0.25 lbf	842	10
3 0.12	12 0.47	1.3 N 0.29 lbf	842	10
4 0.16	16 0.63	1.9 N 0.43 lbf	842	10
4 0.16	20 0.79	2 N 0.45 lbf	842	10
5 0.20	20 0.79	2.3 N 0.52 lbf	842	10
6 0.24	15 0.59	2.8 N 0.63 lbf	662	5
6 0.24	24 0.94	2.8 N 0.63 lbf	842	5
6 0.24	30 1.18	2.8 N 0.63 lbf	842	5
8 0.31	25 0.98	3.8 N 0.85 lbf	842	5
8 0.31	32 1.26	3.8 N 0.85 lbf	842	5
10 0.39	20 0.79	5 N 1.12 lbf	662	5
10 0.39	40 1.57	7 N 1.57 lbf	842	1
12 0.47	40 1.57	8 N 1.80 lbf	842	1
12 0.47	48 1.89	8 N 1.80 lbf	842	1
15 0.59	30 1.18	10 N 2.25 lbf	662	1
15 0.59	60 2.36	11 N 2.47 lbf	842	1
20 0.79	40 1.57	17 N 3.82 lbf	662	1
34 1.34	80 3.15	61 N 13.71 lbf	662	1

Specification

- Magnet material
AlNiCo
Aluminum, nickel, cobalt
Plain finish



AN

- RoHS compliant

On request

- Special lengths

Information

GN 55.3 raw magnets are unshielded, rod-shaped magnets. They are typically attached by press-fitting or with adhesive.

Due to the large variety of 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.

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.

<p>How to order</p> <p>¹ ² ³</p> <p>GN 55.3-AN-10-40</p>	1	Magnet material
	2	Diameter d
	3	Length l

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

