



2

3

d -0,2	Length l	Nominal magnetic forces in N	Packaging units
3	10 ±0,1	1,1	10
3	12 ±0,1	1,3	10
4	16 ±0,1	1,9	10
4	20 ±0,1	2	10
5	20 ±0,1	2,3	10
6	15 ±0,1	2,8	10
6	24 ±0,1	2,8	10
6	30 ±0,1	2,8	10
8	25 ±0,1	3,8	5
8	32 ±0,1	3,8	5
10	20 ±0,1	5	5
10	40 ±0,1	7	5
12	40 ±0,1	8	1
12	48 ±0,1	8	1
15	30 ±0,1	10	1
15	60 ±0,1	11	1
20	40 ±0,2	17	1
20	80 ±0,2	38	1
34	80 ±0,2	61	1

## Specification

- AlNiCo  
Aluminum, nickel, cobalt
  - Plain
  - Temperature resistant up to 450 °C
- RoHS

## On request

- Other dimensions

1

AN

## Information

Raw magnets GN 55.3 are rod-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 2028

### How to order

GN 55.3-AN-10-40

1	Material of the magnet
2	d
3	Length l