



2

3

d <sub>-0,2</sub> <sup>0</sup>	Length l ±0,1	Nominal magnetic forces in N	Temperature resistance in °C	Packaging units
3	10	1,1	450	10
3	12	1,3	450	10
4	16	1,9	450	10
4	20	2	450	10
5	20	2,3	450	10
6	15	2,8	350	6
6	24	2,8	450	6
6	30	2,8	450	6
8	25	3,8	450	6
8	32	3,8	450	4
10	20	5	350	6
10	40	7	450	2
12	40	8	450	2
12	48	8	450	2
15	30	10	350	2
15	60	11	450	1
20	40	17	350	1
34	80	61	350	1

## Specification

- Material of the magnet:  
AlNiCo  
Aluminum, nickel, cobalt  
blank
- RoHS

## On request

- special lengths

1

AN

## Information

Raw magnets GN 55.3 are unshielded rod-shaped magnets.

Owing to their vast range of different sizes, they are suitable for virtually universal use. They are mostly attached by pressing in or gluing.

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 adhesion surface. Depending on the air gap between magnet and mating component, individual raw magnets - unlike magnet systems - can have substantially higher magnetic forces.

In the event that no suitable retaining magnets / magnet systems are available, raw magnets may be used in combination with appropriate holding constructions to build up highly specific magnet systems.

see also...

- More information to raw magnets → Page 1380 ff.

### How to order

GN 55.3-AN-10-40

1	Material of the magnet
2	d
3	Length l