

Raw Magnets

Rod-Shaped

SPECIFICATION

AlNiCo **AN**

Aluminum, nickel, cobalt

Plain

Temperature resistant up to 450 °C

INFORMATION

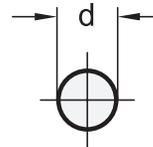
Raw magnets GN 55.3 are rod-shaped unshielded magnets. They can be fastened using adhesives, overcoats or by mechanical clamping. If no suitable retaining magnets or magnet systems are available, raw magnets may be used in combination with appropriate holding constructions to build up highly specific 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.

- More Information on Retaining Magnets (see page 2022)

ON REQUEST

- Other dimensions



GN 55.3

Description	d -0.2	l	Nominal magnetic forces in N	⚖️
GN 55.3-AN-3-10	3	10 ±0.1	1.1	1
GN 55.3-AN-3-12	3	12 ±0.1	1.3	2
GN 55.3-AN-4-16	4	16 ±0.1	1.9	3
GN 55.3-AN-4-20	4	20 ±0.1	2	4
GN 55.3-AN-5-20	5	20 ±0.1	2.3	5
GN 55.3-AN-6-15	6	15 ±0.1	2.8	6
GN 55.3-AN-6-24	6	24 ±0.1	2.8	7
GN 55.3-AN-6-30	6	30 ±0.1	2.8	8
GN 55.3-AN-8-25	8	25 ±0.1	3.8	10
GN 55.3-AN-8-32	8	32 ±0.1	3.8	11
GN 55.3-AN-10-20	10	20 ±0.1	5	13
GN 55.3-AN-10-40	10	40 ±0.1	7	15
GN 55.3-AN-12-40	12	40 ±0.1	8	16
GN 55.3-AN-12-48	12	48 ±0.1	8	26
GN 55.3-AN-15-30	15	30 ±0.1	10	27
GN 55.3-AN-15-60	15	60 ±0.1	11	30
GN 55.3-AN-20-40	20	40 ±0.2	17	100
GN 55.3-AN-20-80	20	80 ±0.2	38	120
GN 55.3-AN-34-80	34	80 ±0.2	61	555