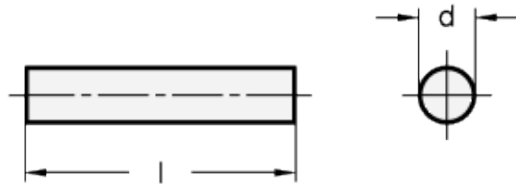


# GN 55.3

Raw magnets



## technical informations

### Materials of the magnet

Aluminium, nickel, cobalt AlNiCo AN.

### Accessories on request

Special lengths.

### Features and applications

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 adhesive 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 adhesive 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.

Standard Elements	Main dimensions		Nominal adhesive forces in N	Temperature resistance	Packaging units	Weight
	d <sub>0/-0.2</sub>	l <sub>±0.1</sub>				g
GN 55.3-3-10-AN	3	10	1.1	450	10	1
GN 55.3-3-12-AN	3	12	1.3	450	10	1
GN 55.3-4-16-AN	4	16	1.9	450	10	1

GN 55.3-4-20-AN	4	20	2	450	10	2
GN 55.3-5-20-AN	5	20	2.3	450	10	3
GN 55.3-6-15-AN	6	15	2.8	350	5	3
GN 55.3-6-24-AN	6	24	2.8	450	5	4
GN 55.3-6-30-AN	6	30	2.8	450	5	6
GN 55.3-8-25-AN	8	25	3.8	450	5	9
GN 55.3-8-32-AN	8	32	3.8	450	5	11
GN 55.3-10-20-AN	10	20	5	350	5	11
GN 55.3-10-40-AN	10	40	7	450	1	23
GN 55.3-12-40-AN	12	40	8	450	1	33
GN 55.3-12-48-AN	12	48	8	450	1	39
GN 55.3-15-30-AN	15	30	10	350	1	39
GN 55.3-15-60-AN	15	60	11	450	1	76
GN 55.3-20-40-AN	20	40	17	350	1	92
GN 55.3-34-80-AN	34	80	61	350	1	527



STANDARD MACHINE ELEMENTS WORLDWIDE