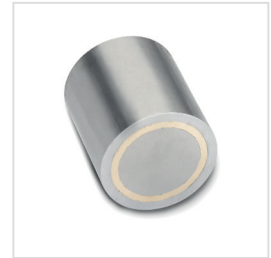
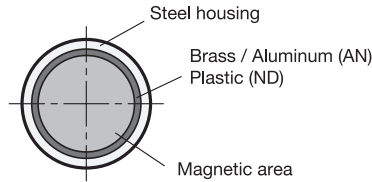


Magnetic surface

View of magnetic surface



3 Identification no.

- 1 Tolerance d = ±0,1
- 2 Tolerance d = h6

2

d	Material of the magnet AN				Material of the magnet ND				Nominal magnetic forces in N	
	h ±0,2 ld. no. 1	k* ld. no. 1	h ±0,2 ld. no. 2	k* ld. no. 2	h ±0,2 ld. no. 1	k* ld. no. 1	h ±0,2 ld. no. 2	k* ld. no. 2	AN AlNiCo	ND NdFeB
4	-	-	-	-	20	15	10	7	-	2,5
5	-	-	-	-	20	15	10	6	-	4,5
6	20	12	10	2	20	15	10	5	2	6
8	20	11	12	3	20	15	12	7	4	12
10	20	10	16	6	20	15	16	11	8,5	24
13	20	8	18	6	20	15	18	13	12	60
16	20	6	20	6	20	15	20	15	20	90
20	25	5	25	5	25	18	25	18	40	135
25	35	13	30	7	35	27	30	22	60	190
32	40	9	35	4	40	32	35	27	160	340
40	50	10	45	5	-	-	-	-	240	-
50	60	10	50	-	-	-	-	-	400	-
63	65	10	60	5	-	-	-	-	660	-

* k is the maximum dimension by which the retaining magnet can be shortened without losing its properties.

Specification

- Housing
Steel
- Identification no. 1: Zinc plated
- Identification no. 2: Plain
- Materials of the magnet:
 - AlNiCo **AN**
Aluminum, nickel, cobalt
Temperature resistant up to 450 °C
 - NdFeB **ND**
Neodymium, iron, boron
Temperature resistant up to 80 °C
- RoHS

Accessory

- Holding Disks GN 70 → Page 2072
- Adhesive Disks GN 70.1 → Page 2073
- Rubber Caps GN 70.2 → Page 2074

Information

Retaining magnets GN 52.1 are combined with a steel housing and insulation of brass / aluminum or plastic into a system that shields and strengthens the magnet for optimal transmission of the magnetic flux onto the magnetic surface.

The retaining magnets are easy to fasten securely by pressing, shrinking or gluing.

see also...

- More Information to Retaining Magnets → Page 2028
- Retaining Magnets GN 54.1 (without Bore) → Page 2054
- Retaining Magnets GN 52.2 (with Internal Thread) → Page 2057
- Retaining Magnets GN 52.4 (with Threaded Stud) → Page 2060

How to order

GN 52.1-AN-20-1

1	Material of the magnet
2	d
3	Identification no.