



**3 Identification No.**

- 1 Tolerance d =  $\pm 0,2$
- 2 Tolerance d = h6

**2**

d	Material of the magnet AN				Material of the magnet ND				Nominal adhesive forces in N	
	h $\pm 0,2$ Id. No. 1	k* Id. No. 1	h $\pm 0,2$ Id. No. 2	k* Id. No. 2	h $\pm 0,2$ Id. No. 1	k* Id. No. 1	h $\pm 0,2$ Id. No. 2	k* Id. No. 2	AN AlNiCo	ND NdFeB
4	-	-	-	-	20	15	-	-	-	2,5
5	-	-	-	-	20	15	-	-	-	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: blank
- Materials of the magnet:
  - AlNiCo **AN**  
Aluminium, nickel, cobalt  
temperature resistant up to 450 °C
  - NdFeB **ND**  
Neodymium, iron, boron  
temperature resistant up to 80 °C
- RoHS compliant



**Information**

Retaining magnets GN 52.1 are a shielded magnetic system.  
Attachment options include pressing in, shrinking in or gluing in.

see also...

- More information to retaining magnets → Page 1094
- Holding discs GN 70 → New products Page 312
- Adhesive discs GN 70.1 → New products

How to order

**GN 52.1-AN-20-1**

1	Material of the magnet
2	d
3	Identification No. (Tolerance d)