

Retaining magnets

rod-shaped, without bore, with / without fit tolerance

SPECIFICATION

Identification No.

- No. 1: Tolerance $d = \pm 0.1$
- No. 2: Tolerance $d = h6$

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

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

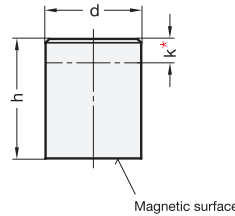


INFORMATION

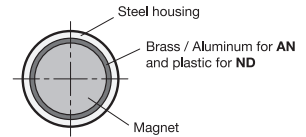
Retaining magnets GN 52.1 are combined with a steel housing and insulation of brass/aluminum or plastic into a system that shields and strengthens the magnet for optimal transmission of the magnetic flux onto the magnetic surface.

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

- More information to retaining magnets (see page 2022)



View of magnetic surface



GN 52.1

Description	d	h ±0.2	k*	Nominal magnetic forces in N	⚖️
GN 52.1-AN-6-1	6	20	12	2	5
GN 52.1-AN-8-1	8	20	11	4	8
GN 52.1-AN-10-1	10	20	10	8.5	12
GN 52.1-AN-13-1	13	20	8	12	19
GN 52.1-AN-16-1	16	20	6	20	60
GN 52.1-AN-20-1	20	25	5	40	58
GN 52.1-AN-25-1	25	35	13	60	125
GN 52.1-AN-32-1	32	40	9	160	220
GN 52.1-AN-40-1	40	50	10	240	440
GN 52.1-AN-50-1	50	60	10	400	813
GN 52.1-AN-63-1	63	65	10	660	1306
GN 52.1-AN-6-2	6	10	2	2	2
GN 52.1-AN-8-2	8	12	3	4	5
GN 52.1-AN-10-2	10	16	6	8.5	10
GN 52.1-AN-13-2	13	18	6	12	18
GN 52.1-AN-16-2	16	20	6	20	30
GN 52.1-AN-20-2	20	25	5	40	57
GN 52.1-AN-25-2	25	30	7	60	106
GN 52.1-AN-32-2	32	35	4	160	187
GN 52.1-AN-40-2	40	45	5	240	390
GN 52.1-AN-50-2	50	50	-	400	639
GN 52.1-AN-63-2	63	60	5	660	1175

GN 52.1

Description	d	h ±0.2	k*	Nominal magnetic forces in N	⚖️
GN 52.1-ND-4-1	4	20	15	2.5	2
GN 52.1-ND-5-1	5	20	15	4.5	4
GN 52.1-ND-6-1	6	20	15	6	5
GN 52.1-ND-8-1	8	20	15	12	8
GN 52.1-ND-10-1	10	20	15	24	12
GN 52.1-ND-13-1	13	20	15	60	21
GN 52.1-ND-16-1	16	20	15	90	31
GN 52.1-ND-20-1	20	25	18	135	61
GN 52.1-ND-25-1	25	35	27	190	133
GN 52.1-ND-32-1	32	40	32	340	249
GN 52.1-ND-4-2	4	10	7	2.5	1
GN 52.1-ND-5-2	5	10	6	4.5	2
GN 52.1-ND-6-2	6	10	5	6	4
GN 52.1-ND-8-2	8	12	7	12	7
GN 52.1-ND-10-2	10	16	11	24	10
GN 52.1-ND-13-2	13	18	13	60	18
GN 52.1-ND-16-2	16	20	15	90	31
GN 52.1-ND-20-2	20	25	18	135	60
GN 52.1-ND-25-2	25	30	22	190	115
GN 52.1-ND-32-2	32	35	27	340	218