

Retaining magnets

disc-shaped, with bore or female thread

SPECIFICATION

Housing

Steel, zinc plated

Materials of the magnet:

Hard ferrite **HF**

temperature resistant up to 200 °C

NdFeB **ND**

Neodymium, iron, boron

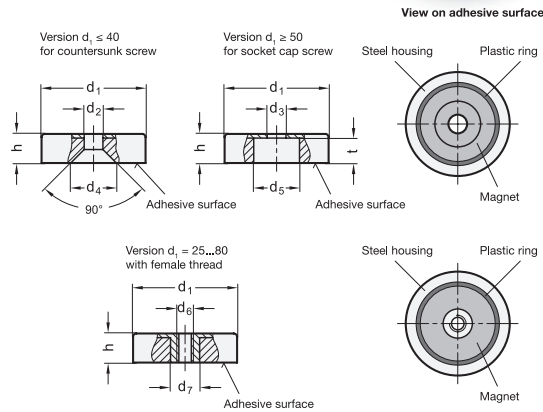
temperature resistant up to 80 °C

INFORMATION

Retaining magnets GN 50.4 are a shielded magnetic system.

To ensure that the magnetic properties (adhesive forces) are not impaired, the fixing screws must be made of **non-magnetic** material (magnetic not conductive).

- More information to retaining magnets (see page 2022)



GN 50.4

Description	d1	d2	d3	d4	d5	d6	d7	t	h	Nominal adhesive forces in N	⚖️
GN 50.4-HF-16	16 ±0.1	3.5	-	7.5	-	-	-	-	4.5 +0.2/-0.1	14	4
GN 50.4-HF-20	20 ±0.1	4.1	-	10.5	-	-	-	-	6 +0.2/-0.1	27	9
GN 50.4-HF-25	25 ±0.1	5.5	-	12	-	-	-	-	7 +0.3/-0.2	36	17
GN 50.4-HF-32	32 ±0.1	5.5	-	12	-	-	-	-	7 +0.3/-0.1	72	27
GN 50.4-HF-40	40 +0.2/-0.1	5.5	-	13.5	-	-	-	-	8 +0.4/-0.1	90	52
GN 50.4-HF-50	50 +0.2/-0.1	-	8.5 ±0.2	-	22	-	-	8.5	10 +0.5/-0.1	180	84
GN 50.4-HF-63	63 +0.3/-0.1	-	6.5 ±0.2	-	24	-	-	12	14 +0.5/-0.1	290	197
GN 50.4-HF-80	80 +0.5/-0.1	-	6.5 ±0.2	-	11.5	-	-	15	18 +0.5/-0.1	540	458
GN 50.4-HF-100	100 +0.5/-0.1	-	10.5 ±0.2	-	34	-	-	18	22 +0.5/-0.1	680	815
GN 50.4-ND-16	16 ±0.1	3.5	-	6.6	-	-	-	-	4.5 +0.2/-0.1	75	6
GN 50.4-ND-20	20 ±0.1	4.5	-	9	-	-	-	-	6 +0.2/-0.1	105	13
GN 50.4-ND-25	25 ±0.1	4.5	-	9	-	-	-	-	7 +0.3/-0.2	160	20
GN 50.4-ND-32	32 ±0.1	5.5	-	11	-	-	-	-	7 +0.3/-0.1	310	39
GN 50.4-ND-40	40 +0.2/-0.1	5.5	-	10.6	-	-	-	-	8 +0.4/-0.1	500	73
GN 50.4-HF-25-M4	25 ±0.1	-	-	-	-	M 4	5.2	-	7 +0.3/-0.2	36	17
GN 50.4-HF-32-M4	32 ±0.1	-	-	-	-	M 4	5.2	-	7 +0.3/-0.1	72	29
GN 50.4-HF-40-M4	40 +0.2/-0.1	-	-	-	-	M 4	5.2	-	8 +0.4/-0.1	90	54
GN 50.4-HF-50-M6	50 +0.2/-0.1	-	-	-	-	M 6	12	-	10 +0.5/-0.1	180	96
GN 50.4-HF-50-M8	50 +0.2/-0.1	-	-	-	-	M 8	12	-	10 +0.5/-0.1	180	92
GN 50.4-HF-63-M8	63 +0.3/-0.1	-	-	-	-	M 8	13	-	14 +0.5/-0.1	290	209
GN 50.4-HF-80-M8	80 +0.5/-0.1	-	-	-	-	M 8	14.5	-	18 +0.5/-0.1	540	479
GN 50.4-HF-80-M10	80 +0.5/-0.1	-	-	-	-	M 10	14.5	-	18 +0.5/-0.1	540	382

