

Retaining magnets

disc-shaped, without thread

SPECIFICATION

Housing

Steel, zinc plated

Materials of the magnet:

Hard ferrite **HF**

temperature resistant up to 200 °C

SmCo **SC**

Samarium, cobalt

temperature resistant up to 200 °C

NdFeB **ND**

Neodymium, iron, boron

temperature resistant up to 80 °C

INFORMATION

Retaining magnets GN 50.1 are combined with a steel housing and a plastic ring 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 side clamping, e.g. with a grub screw GN 913.2 (see page 920).

- More information to retaining magnets (see page 2022)

ACCESSORY

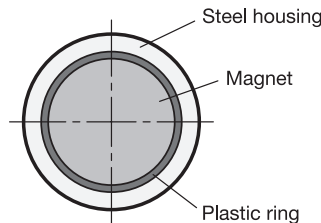
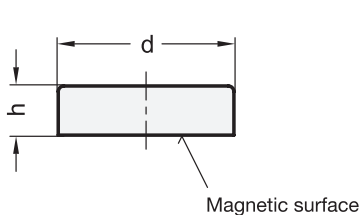
- Holding discs GN 70 (see page 2052)

- Adhesive discs GN 70.1 (see page 2052)

- Rubber caps GN 70.2 (see page)



View of magnetic surface



GN 50.1

Description	d	h	Nominal magnetic forces in N	⚖️
GN 50.1-HF-10-4.5	10 ±0.1	4.5 +0.2/-0.1	4	2
GN 50.1-HF-13-4.5	13 ±0.1	4.5 +0.2/-0.1	10	3
GN 50.1-HF-16-4.5	16 ±0.1	4.5 +0.2/-0.1	18	5
GN 50.1-HF-20-6	20 ±0.1	6 +0.2/-0.1	30	9
GN 50.1-HF-25-7	25 ±0.1	7 +0.3/-0.2	40	17
GN 50.1-HF-32-7	32 ±0.1	7 +0.3/-0.2	80	29
GN 50.1-HF-36-7.7	36 +0.2/-0.1	7.7 +0.3/-0.2	100	39
GN 50.1-HF-40-8	40 +0.2/-0.1	8 +0.4/-0.2	125	54
GN 50.1-HF-47-9	47 +0.2/-0.1	9 +0.5/-0.2	180	60
GN 50.1-HF-50-10	50 +0.2/-0.1	10 +0.5/-0.2	220	102
GN 50.1-HF-57-10.5	57 +0.2/-0.1	10.5 +0.5/-0.2	280	158
GN 50.1-HF-63-14	63 +0.3/-0.1	14 +0.5/-0.2	350	226
GN 50.1-HF-80-18	80 +0.5/-0.1	18 +0.5/-0.2	600	468
GN 50.1-HF-100-22	100 +0.5/-0.1	22 +0.5/-0.2	900	915
GN 50.1-HF-125-26	125 +0.5/-0.1	26 +0.5/-0.2	1300	1680

GN 50.1

Description	d	h	Nominal magnetic forces in N	⚖️
GN 50.1-SC-8-4.5	8 ±0.1	4.5 ±0.1	11	2
GN 50.1-SC-10-4.5	10 ±0.1	4.5 ±0.1	20	3
GN 50.1-SC-13-4.5	13 ±0.1	4.5 ±0.1	40	4
GN 50.1-SC-16-4.5	16 ±0.1	4.5 ±0.1	60	7
GN 50.1-SC-20-6	20 ±0.1	6 ±0.1	90	14
GN 50.1-SC-25-7	25 ±0.1	7 ±0.2	150	26
GN 50.1-SC-32-7	32 ±0.1	7 ±0.2	220	42
GN 50.1-ND-6-4.5	6 ±0.1	4.5 ±0.1	5	1
GN 50.1-ND-8-4.5	8 ±0.1	4.5 ±0.1	13	2
GN 50.1-ND-10-4.5	10 ±0.1	4.5 ±0.1	25	3
GN 50.1-ND-13-4.5	13 ±0.1	4.5 ±0.1	60	4
GN 50.1-ND-16-4.5	16 ±0.1	4.5 ±0.1	95	6
GN 50.1-ND-20-3.5	20 ±0.1	3.5 ±0.1	110	8
GN 50.1-ND-20-6	20 ±0.1	6 ±0.1	140	14
GN 50.1-ND-25-7	25 ±0.1	7 ±0.2	200	26
GN 50.1-ND-32-7	32 ±0.1	7 ±0.2	350	41