

GN 50.1

Retaining magnets

• Specification

Disc shaped, without thread
Housing steel, zinc-plated

• Materials of the magnet

- Hard ferrite **HF**, temperature resistant up to 200° C
- Samarium, cobalt SmCo **SC**, temperature resistant up to 200° C
- Neodymium, iron, boron NdFeB **ND**, temperature resistant up to 80° C

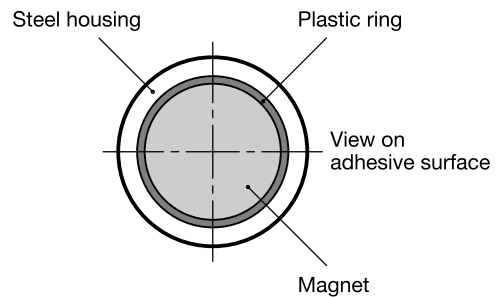
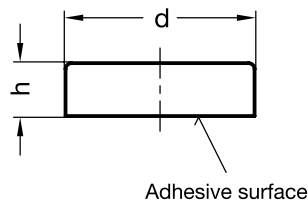


Features and applications

Retaining magnets GN 50.1 are a shielded magnetic system.

Fixed in place by gluing or side-mounted thrust bolt
(e.g. GN 913.2 grub screw with pointed nose).

Further details for retaining magnets see page 3 to 5.



Standard Elements Description	Main dimensions		Nominal adhesive forces in N	△△ g
	d	h		
GN 50.1-HF-10	10 +0.1/-0.1	4,5 +0.2/-0.1	4	2
GN 50.1-HF-13	13 +0.1/-0.1	4.5 +0.2/-0.1	10	3
GN 50.1-HF-16	16 +0.1/-0.1	4,5 +0.2/-0.1	18	5
GN 50.1-HF-20	20 +0.1/-0.1	6 +0.2/-0.1	30	10
GN 50.1-HF-25	25 +0.1/-0.1	7 +0.3/-0.1	40	18
GN 50.1-HF-32	32 +0.1/-0.1	7 +0.3/-0.1	80	29
GN 50.1-HF-40	40 +0.2/-0.1	8 +0.4/-0.1	125	55
GN 50.1-HF-50	50 +0.2/-0.1	10 +0.5/-0.1	220	102
GN 50.1-HF-63	63 +0.3/-0.1	14 +0.5/-0.1	350	226
GN 50.1-HF-80	80 +0.5/-0.1	18 +0.5/-0.1	600	468
GN 50.1-HF-100	100 +0.5/-0.1	22 +0.5/-0.1	900	915
GN 50.1-HF-125	125 +0.5/-0.1	26 +0.5/-0.1	1300	1680
GN 50.1-SC-6	6 +0.1/-0.1	4.5 +0.1/-0.1	5	1
GN 50.1-SC-8	8 +0.1/-0.1	4.5 +0.1/-0.1	11	2
GN 50.1-SC-10	10 +0.1/-0.1	4.5 +0.1/-0.1	20	3
GN 50.1-SC-13	13 +0.1/-0.1	4.5 +0.1/-0.1	40	4
GN 50.1-SC-16	16 +0.1/-0.1	4.5 +0.1/-0.1	60	7
GN 50.1-SC-20	20 +0.1/-0.1	6 +0.1/-0.1	90	14
GN 50.1-SC-25	25 +0.1/-0.1	7 +0.2/-0.2	150	26
GN 50.1-SC-32	32 +0.1/-0.1	7 +0.2/-0.2	220	42
GN 50.1-ND-6	6 +0.1/-0.1	4.5 +0.1/-0.1	5	1
GN 50.1-ND-8	8 +0.1/-0.1	4.5 +0.1/-0.1	13	2
GN 50.1-ND-10	10 +0.1/-0.1	4.5 +0.1/-0.1	25	2.5
GN 50.1-ND-13	13 +0.1/-0.1	4.5 +0.1/-0.1	60	4
GN 50.1-ND-16	16 +0.1/-0.1	4.5 +0.1/-0.1	95	6
GN 50.1-ND-20	20 +0.1/-0.1	6 +0.1/-0.1	140	14
GN 50.1-ND-25	25 +0.1/-0.1	7 +0.2/-0.2	200	25
GN 50.1-ND-32	32 +0.1/-0.1	7 +0.2/-0.2	350	41