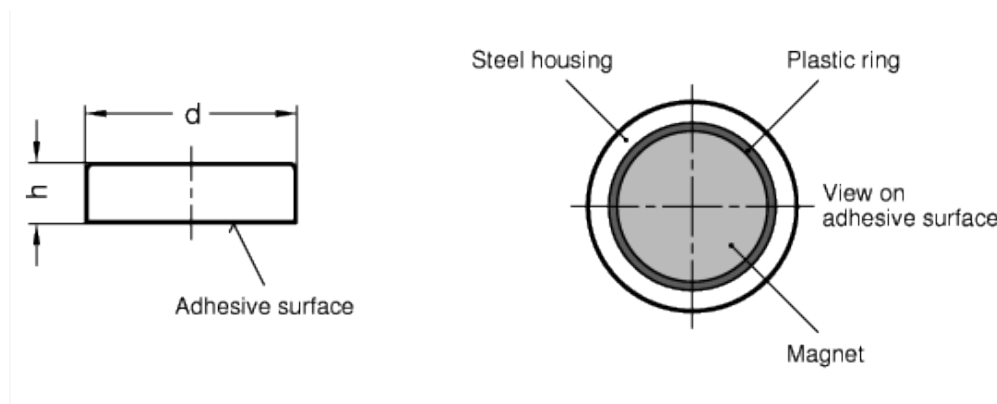


GN 50.1

Retaining magnets



technical informations

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).

Standard Elements	Main dimensions		Nominal adhesive forces	Weight
Description	d	h	in N	g
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



STANDARD MACHINE ELEMENTS WORLDWIDE