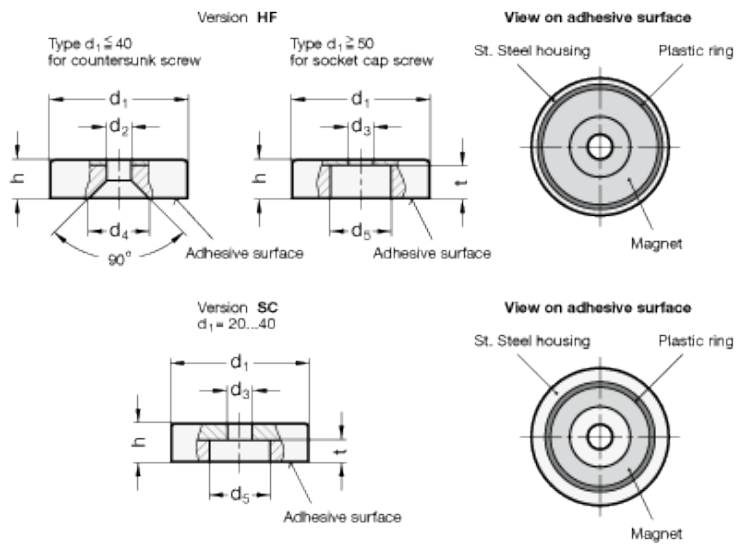


GN 50.45

Retaining magnets



INOX
Stainless Steel



technical informations

Specification

Disc-shaped, with bore
Housing Stainless steel

Material of the magnet

- Version HF: Hard ferrite, temperature resistant up to 220 °C.
- Version SC: Samarium, Cobalt SmCO, temperature resistant up to 350 °C.

Accessories on request

Raw magnets in ring shape in hard ferrite (HF).

Features and applications

Stainless Steel-Retaining magnets GN 50.45 are a shielded magnetic system.

Owing to the lower magnetic conductivity of the stainless steel housing, the adhesive forces are lower than in steel.

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

Standard Elements	Main dimensions							Nominal adhesive forces in N	Weight
Description	d ₁	d ₂	d ₃	d ₄	d ₅	h	t		g
GN 50.45-HF-20	20 _{+0.1/-0.1}	4.1	-	10	-	6 _{±0.1}	-	22	9
GN 50.45-HF-25	25 _{+0.1/-0.1}	5.5	-	11.5	-	7 _{±0.2}	-	29	17
GN 50.45-HF-32	32 _{+0.1/-0.1}	5.5	-	11.5	-	7 _{±0.2}	-	58	27
GN 50.45-HF-40	40 _{+0.2/-0.1}	5.5	-	11.5	-	8 _{±0.2}	-	72	52
GN 50.45-HF-50	50 _{+0.2/-0.1}	-	8.5	-	22	10 _{+0.5/-0.2}	8.5	145	85
GN 50.45-HF-63	63 _{+0.3/-0.1}	-	6.5	-	24	14 _{+0.5/-0.2}	12	230	195
GN 50.45-SC-20	20 _{±0.1}	-	4.5	-	8	6 _{±0.1}	3.5	60	13
GN 50.45-SC-25	25 _{±0.1}	-	4.5	-	8	7 _{±0.2}	4	80	24
GN 50.45-SC-32	32 _{±0.1}	-	5.5	-	11	7 _{±0.2}	4	200	39
GN 50.45-SC-40	40 _{+0.2/-0.1}	-	5.5	-	10.5	8 _{±0.2}	4	420	85



STANDARD MACHINE ELEMENTS WORLDWIDE