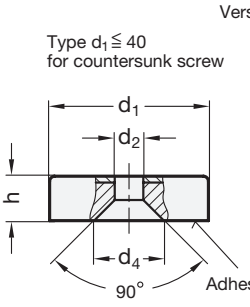
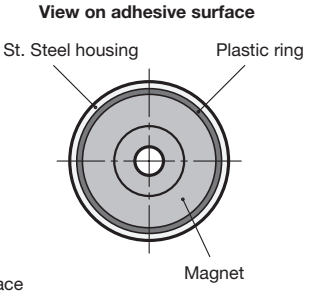
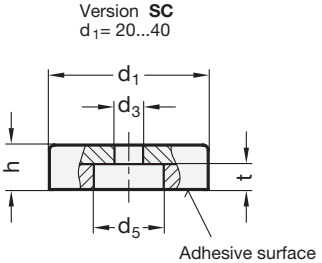
GN 50.45 Stainless Steel-Retaining magnets

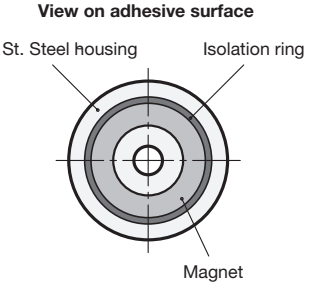
disc-shaped, with bore





Inox Stainless Steel





2

d_1	Material of the magnet **HF**						Material of the magnet **SC**				Nominal adhesive forces in N	
	d_2	d_3	d_4	d_5	h	t	d_3	d_5	h	t	**HF** Hard ferrite	**SC** SmCo
20 ±0,1	4,1	-	10	-	6 +0,2/-0,1	-	4,5	8	6 ±0,1	3,5	22	60
25 ±0,1	5,5	-	11,5	-	7 +0,3/-0,2	-	4,5	8	7 ±0,2	4	29	80
32 ±0,1	5,5	-	11,5	-	7 +0,3/-0,2	-	5,5	11	7 ±0,2	4	58	200
40 +0,2/-0,1	5,5	-	11,5	-	8 +0,4/-0,2	-	5,5	10,5	8 ±0,2	4	72	420
50 +0,2/-0,1	-	8,5	-	22	10 +0,5/-0,2	8,5	-	-	-	-	145	-
63 +0,3/-0,1	-	6,5	-	24	14 +0,5/-0,2	12	-	-	-	-	230	-

Specification

1

- Housing
  Stainless Steel
- Materials of the magnet:
  - Hard ferrite **HF**
    temperature resistant up to 220 °C
  - SmCo **SC**
    Samarium, cobalt
    temperature resistant up to 350 °C
- RoHS compliant

Information

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.

see also...
- *More information to retaining magnets → Page 1094*

On request

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

How to order		
GN 50.45-HF-50 (1 2)	1	**Material of the magnet**
	2	d_1