



d	Tolerances		h	Tolerances		Nominal adhesive forces [N]		
	HF	SC / ND		HF	SC / ND	HF Hard ferrite	SC Sm Co	ND Nd Fe B
6	-	±0,1	4,5	-	±0,1	-	5	5
8	-	±0,1	4,5	-	±0,1	-	11	13
10	±0,1	±0,1	4,5	+0,2/-0,1	±0,1	4	20	25
13	±0,1	±0,1	4,5	+0,2/-0,1	±0,1	10	40	60
16	±0,1	±0,1	4,5	+0,2/-0,1	±0,1	18	60	95
20	±0,1	±0,1	6	+0,2/-0,1	±0,1	30	90	140
25	±0,1	±0,1	7	+0,3/-0,1	±0,2	40	150	200
32	±0,1	±0,1	7	+0,3/-0,1	±0,2	80	220	350
40	+0,2/-0,1	-	8	+0,4/-0,1	-	125	-	-
50	+0,2/-0,1	-	10	+0,5/-0,1	-	220	-	-
63	+0,3/-0,1	-	14	+0,5/-0,1	-	350	-	-
80	+0,5/-0,1	-	18	+0,5/-0,1	-	600	-	-
100	+0,5/-0,1	-	22	+0,5/-0,1	-	900	-	-
125	+0,5/-0,1	-	26	+0,5/-0,1	-	1300	-	-

### 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 a shielded magnetic system.  
Fixed in place by gluing or side-mounted thrust bolt (e.g. GN 913.2 grub screw with pointed nose main catalogue 474).  
Further details for retaining magnets  
page 3 et seq.

### How to order

#### Retaining magnet GN 50.1-SC-13

Code No.		
Material		d