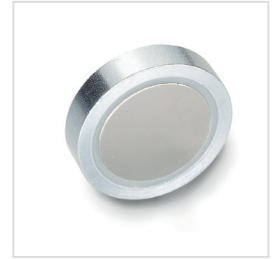
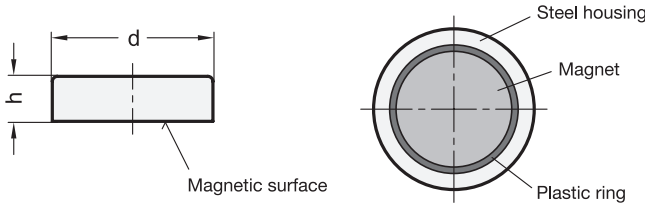


View of magnetic surface



d	Tolerances		h	Tolerances		Nominal magnetic forces in N		
	HF	SC / ND		HF	SC / ND	HF	SC	ND
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	3,5	-	±0,1	-	-	110
20	±0,1	±0,1	6	+0,2/-0,1	±0,1	30	90	140
25	±0,1	±0,1	7	+0,3/-0,2	±0,2	40	150	200
32	±0,1	±0,1	7	+0,3/-0,2	±0,2	80	220	350
36	+0,2/-0,1	-	7,7	+0,3/-0,2	-	100	-	-
40	+0,2/-0,1	-	8	+0,4/-0,2	-	125	-	-
47	+0,2/-0,1	-	9	+0,5/-0,2	-	180	-	-
50	+0,2/-0,1	-	10	+0,5/-0,2	-	220	-	-
57	+0,2/-0,1	-	10,5	+0,5/-0,2	-	280	-	-
63	+0,3/-0,1	-	14	+0,5/-0,2	-	350	-	-
80	+0,3/-0,1	-	18	+0,5/-0,2	-	600	-	-
100	+0,5/-0,1	-	22	+0,5/-0,2	-	900	-	-
125	+0,5/-0,1	-	26	+0,5/-0,2	-	1300	-	-

**Specification**

- Housing  
Steel, zinc plated
- Materials of the magnet:
  - Hard ferrite  
Temperature resistant up to 200 °C
  - SmCo  
Samarium, cobalt  
Temperature resistant up to 200 °C
  - NdFeB  
Neodymium, iron, boron  
Temperature resistant up to 80 °C

• RoHS

**Accessory**

- Holding Disks GN 70 → Page 2072
- Adhesive Disks GN 70.1 → Page 2073
- Rubber Caps GN 70.2 → Page 2074

**Information**

Retaining magnets GN 50.1 are combined with the steel housing and the plastic ring into a system that shields and strengthens the magnet for optimal transmission of the magnetic flux onto the magnetic surface.

The retaining magnets are easy to fasten securely by side clamping, e.g. with a grub screw GN 913.2.

see also...

- *More Information to Retaining Magnets* → Page 2028
- *Retaining Magnets GN 52.1 (without Thread)* → Page 2056
- *Raw Magnets GN 55.2 (without Bore)* → Page 2069

How to order

**GN 50.1-SC-13-4,5**

1	Material of the magnet
2	d
3	h