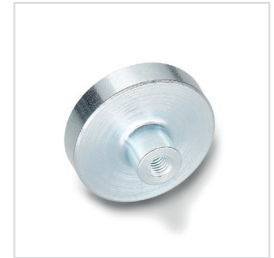
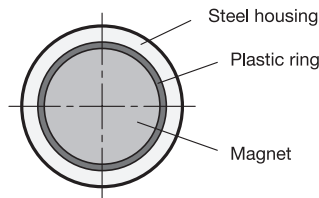
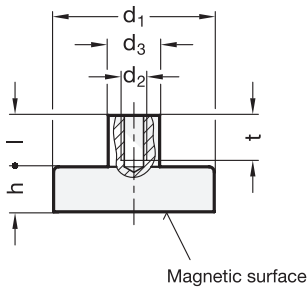


View of magnetic surface



2

3

3

d <sub>1</sub>	Tolerances		Material of the magnet <b>HF</b>						Materials of the magnet <b>SC / ND</b>					Nominal magnetic forces in N		
	HF	SC / ND	d <sub>2</sub>	d <sub>3</sub>	h	l	t	d <sub>2</sub>	d <sub>3</sub>	h	l	t	HF	SC	ND	
6	-	±0,1	-	-	-	-	-	M 3	6 ±0,1	4,5 ±0,1	7	6	-	5	5	
8	-	±0,1	-	-	-	-	-	M 3	6 ±0,1	4,5 ±0,1	7	6	-	11	13	
10	±0,1	±0,1	M 3	6 ±0,1	4,5 +0,2/-0,1	7	5	M 3	6 ±0,1	4,5 ±0,1	7	6	4	20	25	
13	±0,1	±0,1	M 3	6 ±0,1	4,5 +0,2/-0,1	7	5	M 3	6 ±0,1	4,5 ±0,1	7	6	10	40	60	
16	±0,1	±0,1	M 3	6 ±0,1	4,5 +0,2/-0,1	7	5	M 4	6 ±0,1	4,5 ±0,1	7	6	18	60	95	
20	±0,1	±0,1	M 3	6 ±0,1	6 +0,2/-0,1	7	5	M 4	8 ±0,2	6 ±0,1	7	7	30	90	140	
25	±0,1	±0,1	M 4	8 ±0,2	7 +0,3/-0,1	8	7	M 4	8 ±0,2	7 ±0,2	7	7	40	150	200	
32	±0,1	±0,1	M 4	8 ±0,2	7 +0,3/-0,1	8	7	M 5	10 ±0,2	7 ±0,2	8,5	8	80	220	350	
40	+0,2/-0,1	-	M 5	10 ±0,2	8 +0,4/-0,1	10	9	-	-	-	-	-	125	-	-	
50	+0,2/-0,1	-	M 6	12 ±0,2	10 +0,5/-0,1	12	11	-	-	-	-	-	220	-	-	
63	+0,3/-0,1	-	M 8	15 ±0,2	14 +0,5/-0,1	16	14	-	-	-	-	-	350	-	-	
80	+0,5/-0,1	-	M 10	20 ±0,2	18 +0,5/-0,1	16	15	-	-	-	-	-	600	-	-	
100	+0,5/-0,1	-	M 12	22 ±0,2	22 +0,5/-0,1	21	18	-	-	-	-	-	900	-	-	
125	+0,5/-0,1	-	M 14	25 ±0,2	26 +0,5/-0,1	24	20	-	-	-	-	-	1300	-	-	

**Specification**

- Housing / threaded bushing  
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

1

**Information**

Retaining magnets GN 50.2 are a shielded magnetic system.

see also...

- More information to retaining magnets → Page 1380 ff.
- Holding discs GN 70 → Page 1414
- Magnetic discs GN 70.1 → Page 1415

How to order

**GN 50.2-HF-20-M3**

1	Material of the magnet
2	d <sub>1</sub>
3	d <sub>2</sub>