



$d_1$	Tolerances		Material of the magnet <b>HF</b>			Material of the magnet <b>ND</b>			Nominal adhesive forces in N	
	HF	ND	$d_2$	h	Length l	$d_2$	h	Length l	HF Hard ferrite	ND NdFeB
10	$\pm 0,1$	$\pm 0,1$	M 3	4,5 +0,2/-0,1	7	M 4	4,5 $\pm 0,1$	8	4	25
13	$\pm 0,1$	$\pm 0,1$	M 3	4,5 +0,2/-0,1	7	M 5	4,5 $\pm 0,1$	8	10	60
16	$\pm 0,1$	$\pm 0,1$	M 3	4,5 +0,2/-0,1	7	M 6	4,5 $\pm 0,1$	8	18	95
20	$\pm 0,1$	$\pm 0,1$	M 3	6 +0,2/-0,1	7	M 6	6 $\pm 0,1$	10	30	140
25	$\pm 0,1$	$\pm 0,1$	M 4	7 +0,3/-0,1	8	M 6	7 $\pm 0,1$	10	40	200
32	$\pm 0,1$	$\pm 0,1$	M 4	7 +0,3/-0,1	8	M 6	7 $\pm 0,1$	10	80	350
47	+0,2/-0,1	-	M 6	9 +0,5/-0,1	8	-	-	-	180	-
63	+0,3/-0,1	-	M 6	14 +0,5/-0,1	15	-	-	-	350	-

**Specification**

- Housing / threaded stud  
Steel, zinc plated
- Materials of the magnet:
  - Hard ferrite **HF**  
temperature resistant up to 200 °C
  - NdFeB **ND**  
Neodymium, iron, boron  
temperature resistant up to 80 °C
- RoHS compliant

**Information**

Retaining magnets GN 50.3 are a shielded magnetic system.

see also...

- More information to retaining magnets → Page 1094

How to order

**GN50.3-ND-16-M6**

1	Material of the magnet
2	$d_1$
3	$d_2$