GN 50.3

Retaining magnets
disc-shaped, with threaded stud

SPECIFICATION

Housing / threaded stud
Steel, zinc plated

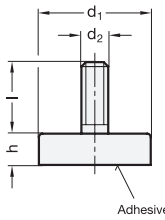
Materials of the magnet:

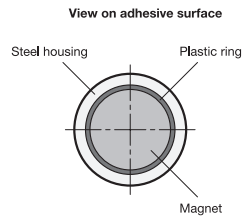
Hard ferrite **HF**
temperature resistant up to 200 °C

NdFeB **ND**
Neodymium, iron, boron
temperature resistant up to 80 °C

INFORMATION

Retaining magnets GN 50.3 are a shielded magnetic system.
- More information to retaining magnets (see page 2022)





GN 50.3

Description	d1	d2	h	l	Nominal adhesive forces in N
GN 50.3-HF-10-M3	10 ±0.1	M 3	4.5 +0.2/-0.1	7	4	2
GN 50.3-HF-13-M3	13 ±0.1	M 3	4.5 +0.2/-0.1	7	10	3
GN 50.3-HF-16-M3	16 ±0.1	M 3	4.5 +0.2/-0.1	7	18	5
GN 50.3-HF-20-M3	20 ±0.1	M 3	6 +0.2/-0.1	7	30	10
GN 50.3-HF-25-M4	25 ±0.1	M 4	7 +0.3/-0.1	8	40	19
GN 50.3-HF-32-M4	32 ±0.1	M 4	7 +0.3/-0.1	8	80	30
GN 50.3-HF-47-M6	47 +0.2/-0.1	M 6	9 +0.5/-0.1	8	180	85
GN 50.3-HF-63-M6	63 +0.3/-0.1	M 6	14 +0.5/-0.1	15	350	233
GN 50.3-ND-10-M4	10 ±0.1	M 4	4.5 ±0.1	8	25	3
GN 50.3-ND-13-M5	13 ±0.1	M 5	4.5 ±0.1	8	60	5
GN 50.3-ND-16-M6	16 ±0.1	M 6	4.5 ±0.1	8	95	7
GN 50.3-ND-20-M6	20 ±0.1	M 6	6 ±0.1	10	140	15
GN 50.3-ND-25-M6	25 ±0.1	M 6	7 ±0.1	10	200	27
GN 50.3-ND-32-M6	32 ±0.1	M 6	7 ±0.1	10	350	42

GN 50.25

Stainless Steel-Retaining magnets
disc-shaped, with female thread

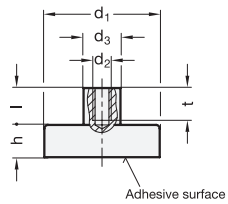
SPECIFICATION

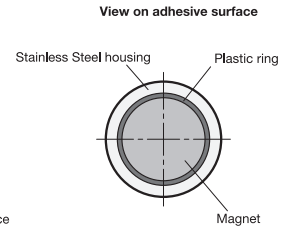
Housing / threaded bushing
Stainless Steel

Material of the magnet:
Hard ferrite **HF**
temperature resistant up to 220 °C

INFORMATION

Stainless Steel-Retaining magnets GN 50.25 are a shielded magnetic system.
Owing to the lower magnetic conductivity of the stainless steel housing, the adhesive forces are lower than in steel.
- More information to retaining magnets (see page 2022)





GN 50.25 **STAINLESS STEEL**

Description	d1	d2	d3	h	l	t	Nominal adhesive forces in N
GN 50.25-HF-25-7-M5	25 ±0.1	M 5	8	7 +0.3/-0.1	9	8.25	32	20
GN 50.25-HF-32-7-M5	32 ±0.1	M 5	8	7 +0.3/-0.1	9	9	64	31
GN 50.25-HF-40-8-M5	40 +0.2/-0.1	M 5	8	8 +0.3/-0.1	8.5	9	100	56
GN 50.25-HF-50-10-M5	50 +0.2/-0.1	M 5	8	10 +0.4/-0.1	8.5	9	175	105
GN 50.25-HF-63-14-M5	63 +0.3/-0.1	M 5	8	14 +0.5/-0.1	8	9	280	228