

GN 50.3 Retaining Magnets

Steel, disc-shaped, with threaded stud

Photo



Product description

Information

GN 50.3 retaining magnets are a shielded magnetic system.

Specification

Housing / threaded stud
Steel, zinc plated

Materials of the magnet:

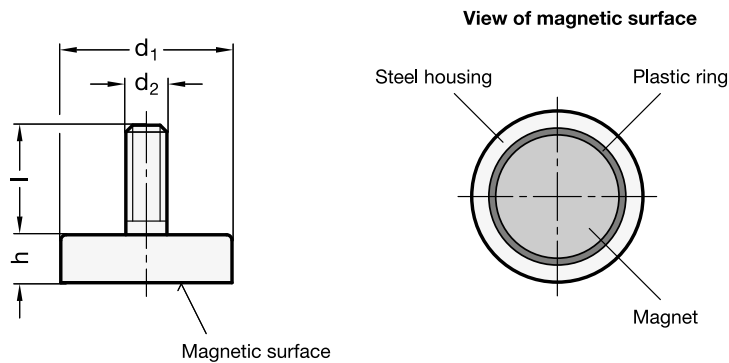
- Hard ferrite
temperature resistant up to 200° C
- NdFeB
Neodymium, iron, boron
temperature resistant up to 80° C

HF

ND

RoHS compliant

Technical drawing



Part Options / Table

Metric

d ₁	Tolerances		HF d ₂	h	h ₋₁	Length l	ND d ₂	h	Length l	Nominal magnetic forces in N		
	HF	ND								HF Hard ferrite	ND NdFeB	
.39	±0,1	±0,1	M 3	.18	+0,2/-0,1	.28	M 4	.18	±0,1	.31	.90 lbf (4 N)	5.62 lbf (25 N)
.51	±0,1	±0,1	M 3	.18	+0,2/-0,1	.28	M 5	.18	±0,1	.31	2.25 lbf (10 N)	13.49 lbf (60 N)
.63	±0,1	±0,1	M 3	.18	+0,2/-0,1	.28	M 6	.18	±0,1	.31	4.05 lbf (18 N)	21.36 lbf (95 N)
.79	±0,1	±0,1	M 3	.24	+0,2/-0,1	.28	M 6	.24	±0,1	.39	6.74 lbf (30 N)	31.47 lbf (140 N)
.98	±0,1	±0,1	M 4	.28	+0,3/-0,1	.31	M 6	.28	±0,1	.39	8.99 lbf (40 N)	44.96 lbf (200 N)
1.26	±0,1	±0,1	M 4	.28	+0,3/-0,1	.31	M 6	.28	±0,1	.39	17.98 lbf (80 N)	78.68 lbf (350 N)
1.85	+0,2/-0,1	-	M 6	.35	+0,5/-0,1	.31	-	-	-	-	40.47 lbf (180 N)	-
2.48	+0,3/-0,1	-	M 6	.55	+0,5/-0,1	.59	-	-	-	-	78.68 lbf (350 N)	-