

# GN 50.5 Retaining Magnets

## Steel, disc-shaped, with tapped hole

Photo



Product description

### Information

GN 50.5 retaining magnets are a shielded magnetic system. For diameter  $d_1 \geq 50$  the magnetic surface is covered with a plastic cap.

To ensure that the magnetic forces are not impaired, the mounting screws must be made of **non-magnetic** material.

### Specification

Housing  
Steel, zinc plated

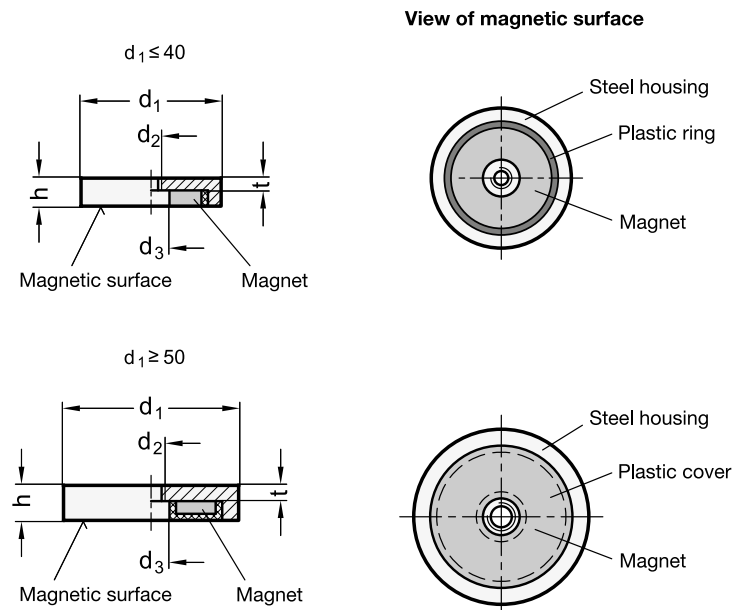
Material of the magnet  
NdFeB  
Neodymium, iron, boron  
temperature resistant up to 80° C

ND

Plastic cap  
Technopolymer (Polyamide PA)

RoHS compliant

Technical drawing



Part Options / Table

### Metric

$d_1 \pm 0.004$	$d_2$	$d_3$	$h \pm 0.008$	$t$	Nominal magnetic forces in N
1.26	M 5	.22	.28	.12	74.19 lbf (330 N)
1.57	M 5	.41	.31	.24	112 lbf (500 N)
1.97	M 8	.41	.39	.22	180 lbf (800 N)
2.48	M 10	.46	.55	.33	247 lbf (1100 N)
2.95	M 10	.51	.59	.33	393 lbf (1750 N)