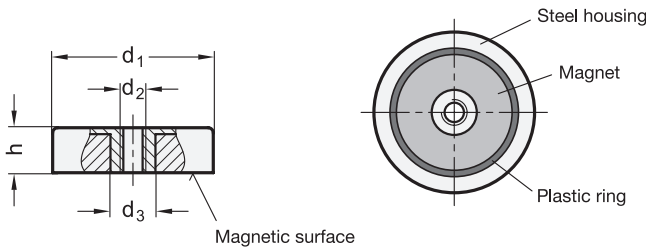




View of magnetic surface



3.1

3.2

3.3

3.4

² d ₁	³ h	⁴ d ₂		d ₃	Nominal magnetic forces in N
25 ±0,1	7 +0,3/-0,2	M 4	-	5,2	36
32 ±0,1	7 +0,3/-0,2	M 4	-	5,2	75
40 +0,2/-0,1	8 +0,4/-0,2	M 4	-	5,2	90
50 +0,2/-0,1	10 +0,5/-0,2	M 6	M 8	12	170
63 +0,3/-0,1	14 +0,5/-0,2	M 8	-	13	290
80 +0,3/-0,1	10 +0,5/-0,2	M 8	-	12	450
80 +0,3/-0,1	18 +0,5/-0,2	M 8	M 10	14,5	550

3.5

3.6

Specification

- Housing
Steel, zinc plated
- Materials of the magnet:
- Hard ferrite
Temperature resistant up to 200 °C
- RoHS

HF

Accessory

- Holding Disks GN 70 → Page 2072
- Adhesive Disks GN 70.1 → Page 2073
- Rubber Caps GN 70.2 → Page 2074

1

Information

Retaining magnets GN 50.4 are combined with a steel housing and a plastic ring into a system that shields and strengthens the magnet for optimal transmission of the magnetic flux onto the magnetic surface.

To avoid negatively impacting the magnetic properties, the fastening screws should be made of a non-magnetic material such as stainless steel, brass or plastic.

see also...

- More Information to Retaining Magnets → Page 2028
- Stainless Steel Retaining Magnets GN 50.45 (with Bore) → Page 2038
- Raw Magnets GN 55.1 (with Bore) → Page 2068
- Retaining Magnets GN 51.5 (with Internal Thread, with Rubber Jacket) → Page 2041

3.7

3.8

3.9

How to order		1	Material of the magnet
¹	²	2	d ₁
³	⁴	3	h
GN 50.4-HF-32-7-M4		4	d ₂