



SS Stainless Steel

Metric table

Dimensions in: millimeters - inches

² d ₁	³ h	⁴ d ₂	d ₃	Length l	t	Nominal magnetic forces
25 ±0.1 0.98 ±0.004	7 ^{+0.3} / _{-0.2} 0.28 ^{+0.012} / _{-0.008}	M 5	8 0.31	9 0.35	8.25 0.32	32 N 7.19 lbf
32 ±0.1 1.26 ±0.004	7 ^{+0.3} / _{-0.2} 0.28 ^{+0.012} / _{-0.008}	M 5	8 0.31	9 0.35	9 0.35	64 N 14.39 lbf
40 ^{+0.2} / _{-0.1} 1.57 ^{+0.008} / _{-0.004}	8 ^{+0.3} / _{-0.2} 0.31 ^{+0.012} / _{-0.008}	M 5	8 0.31	8.5 0.33	9 0.35	100 N 22.48 lbf
50 ^{+0.2} / _{-0.1} 1.97 ^{+0.008} / _{-0.004}	10 ^{+0.4} / _{-0.2} 0.39 ^{+0.016} / _{-0.008}	M 5	8 0.31	8.5 0.33	9 0.35	175 N 39.34 lbf
63 ^{+0.3} / _{-0.1} 2.48 ^{+0.012} / _{-0.004}	14 ^{+0.5} / _{-0.2} 0.55 ^{+0.02} / _{-0.008}	M 5	8 0.31	8 0.31	9 0.35	280 N 62.95 lbf

Specification

- Magnet material
Hard ferrite **HF**
Temperature resistant up to 428 °F (220 °C)

- Housing
Stainless steel
- RoHS compliant

Accessory

- Magnet holding disks GN 70 → page 2029
- Self-adhesive disks GN 70.1 → page 2030
- Rubber caps GN 70.2 → page 2031

Information

Retaining magnets GN 50.25, in combination with the stainless steel housing and the plastic ring, form a system that shields and strengthens the magnet for optimal transmission of the magnetic flux onto the magnetic surface.

see also...

- More Information on Retaining Magnets → page 1990
- Retaining Magnets GN 50.45 (Stainless Steel, with Plain Hole) → page 2003
- Retaining Magnets GN 52.5 (Stainless Steel, with Threaded Stud) → page 2023
- Retaining Magnets GN 51.2 (Steel, with Tapped Blind Hole) → page 2009

<p>How to order</p> <p>¹ ² ³ ⁴</p> <p>GN 50.25-HF-63-14-M5</p>	1 Magnet material
	2 Diameter d ₁
	3 Height h
	4 Thread d ₂