GN 50.25 | Retaining Magnets

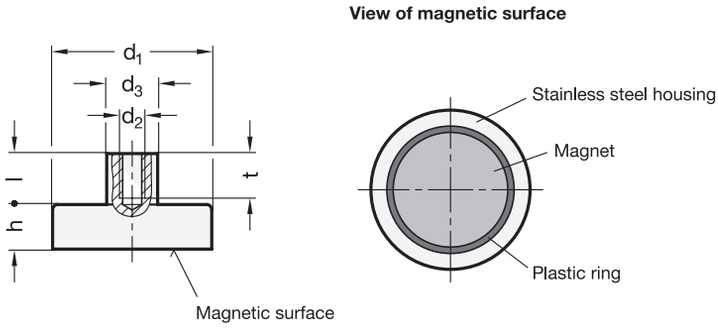
Stainless Steel, Disk-Shaped, with Tapped Blind Hole

JW WINCO® A Ganter Company

Metric



SS Stainless Steel



Metric table

Dimensions in: millimeters - *inches*

2 d_1	3 h	4 d_2 Thread	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

1

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

How to order

1 2 3 4

GN 50.25-HF-63-14-M5

1	**Magnet material**
2	**Diameter d_1**
3	**Height h**
4	**Thread d_2**