



Metric table

Dimensions in: millimeters - inches

d ₁	Tolerances		d ₂ Thread	h ±0.2	t	Nominal magnetic forces
	Finish ZB	Finish RT				
12.5 0.49	±0.1	±0.2	M 4	16 0.63	6 0.24	20 N 4.50 lbf
17 0.67	±0.1	±0.2	M 6	16 0.63	5 0.20	26 N 5.85 lbf
21 0.83	±0.1	±0.2	M 6	19 0.75	7 0.28	40 N 8.99 lbf
27 1.06	±0.1	±0.2	M 6	25 0.98	8 0.31	65 N 14.61 lbf
35 1.38	±0.1	±0.2	M 6	30 1.18	9 0.35	150 N 33.72 lbf

Specification

- Housing: Steel
- Magnet material: AN (AlNiCo, Aluminum, nickel, cobalt)
- Finish:
 - Zinc plated (ZB): Temperature resistant up to 662 °F (350 °C)
 - Red painted (RT): Temperature resistant up to 356 °F (180 °C)
- RoHS compliant

Information

GN 52.3 retaining magnets, in combination with the zinc plated or red painted steel housing and the insulation made of brass / aluminum, form a system that shields and strengthens the magnet for optimal transmission of the magnetic flux onto the magnetic surface.

For easier handling and to avoid demagnetization, a zinc plated iron sheet protects the magnetic surface during storage and transport.

see also...

- More Information on Retaining Magnets → page 1990
- Pot Magnets GN 58 (with Countersunk Hole) → page 2005
- Retaining Magnets GN 52.1 (without Hole) → page 2019
- Button Magnets GN 60 (with Plain Hole) → www.jwwinco.com
- Raw Magnets GN 55.3 (without Hole) → www.jwwinco.com

Accessory

- Magnet holding disks GN 70 → page 2029
- Self-adhesive disks GN 70.1 → page 2030

How to order	1 Magnet material
GN 52.3-AN-35-RT	2 Diameter d ₁
	3 Finish

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10