



**Metric table**

Dimensions in: millimeters - inches

d <sub>1</sub>	Tolerances		d <sub>2</sub>	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**

- Magnet material  
AlNiCo  
Aluminum, nickel, cobalt **AN**
- Housing  
Steel
- 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
<b>GN 52.3-AN-35-RT</b>	2 Diameter d <sub>1</sub>
	3 Finish

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10