



Metric table

Dimensions in: millimeters - inches

d ₁		d ₂	d ₃	h	Nominal magnetic forces
Nominal dimension	Actual dimension				
19 0.75	19.1 ±0.5 0.75 ±0.02	3.7 0.15	8.7 0.34	7.5 ±0.3 0.30 ±0.01	30 N 6.74 lbf
29 1.14	28.6 ±1 1.13 ±0.04	4.8 0.19	10.5 0.41	8.5 ±0.5 0.33 ±0.02	40 N 8.99 lbf
38 1.50	38.1 ±1 1.50 ±0.04	4.8 0.19	10.5 0.41	10.5 ±0.3 0.41 ±0.01	80 N 17.98 lbf

Specification

- Housing: Steel
- Magnet material: **AN**
AlNiCo
Aluminium, nickel, cobalt
- Finish:
 - Zinc plated: **ZB**
Temperature resistant up to 392 °F (200 °C)
 - Red painted: **RT**
Temperature resistant up to 356 °F (180 °C)
- RoHS compliant

Accessory

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

Information

GN 58 pot magnets, in combination with the 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.

To ensure that the magnetic properties are not negatively impaired, the mounting screws should be made of a non-magnetic material, such as stainless steel, brass or plastic.

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
- Retaining Magnets GN 52.3 (with Tapped Hole) → page 2021
- Button Magnets GN 60 (with Plain Hole) → www.jwwinco.com
- Retaining Magnets GN 50.4 (with Plain Hole) → page 2000
- Raw Magnets GN 55.1 (with Plain Hole) → page 2027

How to order	
GN 58-AN-38-ZB	1 Magnet material
	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