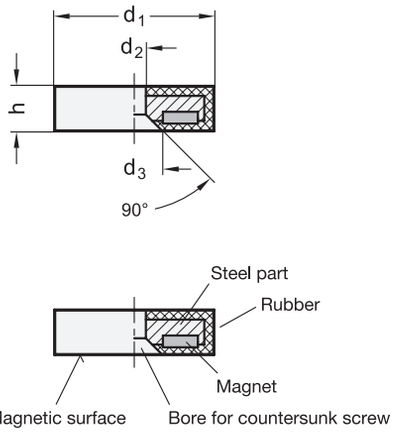
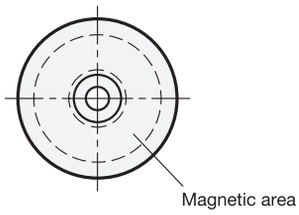
GN 51.8 | Retaining Magnets

Neodymium, Iron, Boron (NdFeB), with Countersunk Hole, with Rubber Jacket

JW WINCO® A Ganter Company



View of magnetic surface



Metric

Metric table

Dimensions in: millimeters - *inches*

d_1	d_2	d_3	h	Nominal magnetic forces
12 *0.47*	3.4 *0.13*	6.4 *0.25*	7 *0.28*	10 N *4.45 lbf*
43 *1.69*	7.5 *0.30*	12.5 *0.49*	6 *0.24*	100 N *22.48 lbf*
88 *3.46*	6.5 *0.26*	12.5 *0.49*	8.5 *0.33*	550 N *124 lbf*

Specification

- Magnet material
  NdFeB **ND**
  Neodymium, iron, boron
  Temperature resistant up to 176 °F (80 °C)
- Steel part
  Zinc plated
- Rubber jacket
  Elastomer (TPE) ≈ 80 shore A
  - Black ● **SW**
  - White ○ **WS**
- *Plastic Characteristics* → *page 2135*
- RoHS compliant

Accessory

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

On request

- Other colors
- Other shore hardnesses

Information

GN 51.8 retaining magnets with rubber jacket, in combination with the steel part, form a system that shields and strengthens the magnet and concentrates the magnetic flux optimally onto the rubberized magnetic surface.

The rubber protects sensitive surfaces from being damaged by the magnet and also has a high coefficient of friction, resulting in high lateral displacement forces.

see also...

- *More Information on Retaining Magnets* → *page 1990*
- *Retaining Magnets GN 51.4 (with Plain Hole)* → *page 2007*
- *Pot Magnets GN 58 (with Countersunk Hole)* → *page 2005*
- *Retaining Magnets GN 50.4 (with Plain Hole)* → *page 2000*

How to order

GN 51.8-ND-88-WS

1	**Magnet material**
2	**Diameter d_1**
3	**Color**