

## Retaining Magnets

**Disk-Shaped, with Countersunk Bore, with Rubber Jacket**

### SPECIFICATION

Steel part  
Zinc plated  
Material of the magnet  
NdFeB **ND**  
Neodymium, iron, boron  
Temperature resistant up to 80 °C  
Rubber jacket  
Elastomer (TPE)  
≈ 80 Shore A  
Black **SW**  
White **WS**

### INFORMATION

The retaining magnets GN 51.8 with rubber jacket form a system together with the steel part that shields and strengthens the magnet, optimally concentrating the magnetic flux on the rubberized magnetic surface.

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

### ACCESSORY

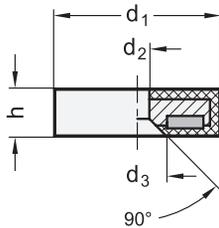
- Holding Disks GN 70 (see page 2051)
- Adhesive Disks GN 70.1 (see page 2051)

### ON REQUEST

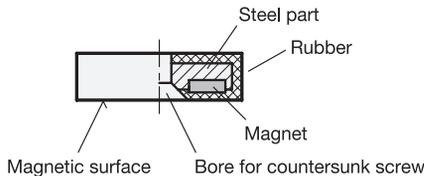
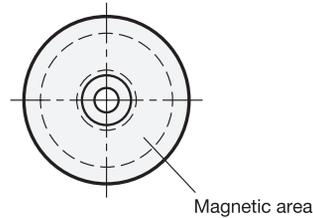
- Other colors
- Other shore hardnesses

### TECHNICAL INFORMATION

- Elastomer characteristics (see page A32)



View of magnetic surface



### GN 51.8

Description	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	h	Nominal magnetic forces in N	⚖️
GN 51.8-ND-12-SW	12	3.4	6.4	7	10	3
GN 51.8-ND-12-WS	12	3.4	6.4	7	10	3
GN 51.8-ND-43-SW	43	7.5	12.5	6	100	27
GN 51.8-ND-43-WS	43	7.5	12.5	6	100	27
GN 51.8-ND-88-SW	88	6.5	12.5	8.5	550	182
GN 51.8-ND-88-WS	88	6.5	12.5	8.5	550	182