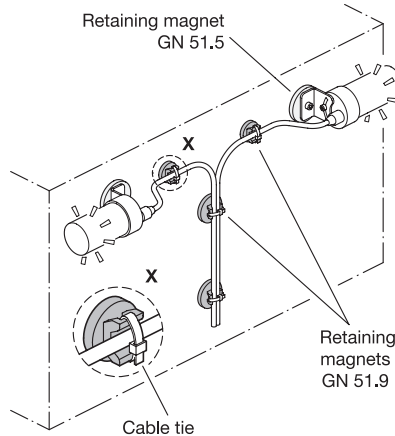
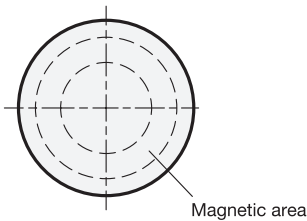


**Application example**



**View of magnetic surface**



Retaining magnets GN 51.9

Cable tie

d	h <sub>1</sub>	b <sub>1</sub>	b <sub>2</sub>	h <sub>2</sub>	h <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	Nominal magnetic forces in N
18	13	10	5	6	2,5	15	9	25
22	16	15	9	6	3,5	22	14	38
31	16	15	9	6	3,5	22	14	89
43	16	15	9	6	3,5	22	14	100

**Specification**

- Steel part  
Zinc plated
- Cable holder  
Plastic
- Screw  
Steel, 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**
- *Plastic Characteristics* → Page 2158
- **RoHS**

**Accessory**

- Holding Disks GN 70 → Page 2072
- Adhesive Disks GN 70.1 → Page 2073

**Information**

The retaining magnets GN 51.9 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.

Lines and hoses that must be frequently repositioned or removed entirely for maintenance or cleaning can be easily and securely fastened to the cable holder with cable ties.

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

see also...

- *More Information to Retaining Magnets* → Page 2028
- *Retaining Magnets GN 50.6 (with Hook / with Eyelet)* → Page 2033
- *Magnets GN 51.7 (with Ball Knob / with Key Ring)* → Page 2065

**How to order**

1	Material of the magnet
2	d
3	h <sub>1</sub>
4	Color

**GN 51.9-ND-31-16-SW**

