GN 51.9

RoHS

Retaining magnets

for cable and line assembly

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

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.

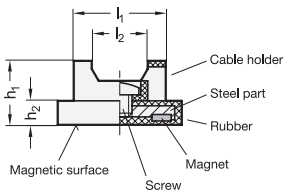
- More information to retaining magnets (see page 2022)

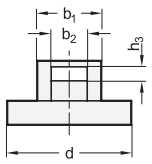
ACCESSORY

- Holding discs GN 70 (see page 2052)
- Adhesive discs GN 70.1 (see page 2052)

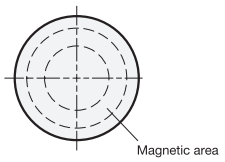
TECHNICAL INFORMATION

- Elastomer characteristics (see page A32)

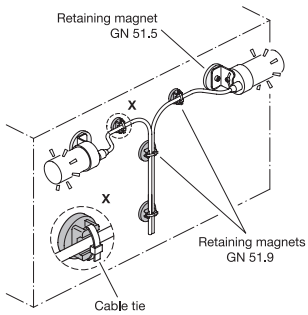




View of magnetic surface



Application example



GN 51.9

Description	d	h1	b1	b2	h2	h3	l1	l2	Nominal magnetic forces in N	⚖
GN 51.9-ND-18-13-SW	18	13	10	5	6	2.5	15	9	25	7
GN 51.9-ND-22-16-SW	22	16	16	9	6	3.5	23	14	38	12
GN 51.9-ND-31-16-SW	31	16	16	9	6	3.5	23	14	89	26
GN 51.9-ND-43-16-SW	43	16	16	9	6	3.5	23	14	100	30