GN 51.3

RoHS

Retaining magnets

disc-shaped, with threaded stud, 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 with rubber jacket GN 51.3 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.

- More information to retaining magnets (see page 2022)

TECHNICAL INFORMATION

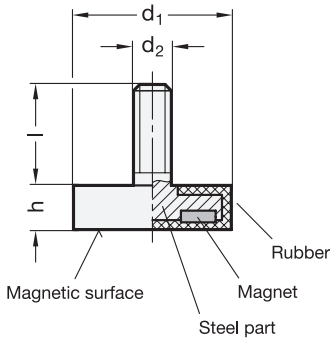
- Elastomer characteristics (see page A32)

ACCESSORY

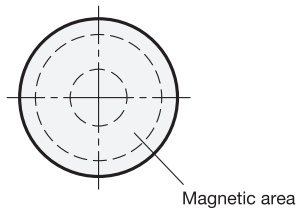
- Holding discs GN 70 (see page 2051)
- Adhesive discs GN 70.1 (see page 2051)

ON REQUEST

- other colors
- other shore hardness



View of magnetic surface



GN 51.3

Description	d1	d2	h	l	Nominal magnetic forces in N	⚖
GN 51.3-ND-12-M4-SW	12	M 4	7	8.5	13	5
GN 51.3-ND-12-M4-WS	12	M 4	7	8.5	13	5
GN 51.3-ND-18-M4-SW	18	M 4	6	6	37	8
GN 51.3-ND-18-M4-WS	18	M 4	6	6	37	8
GN 51.3-ND-22-M4-SW	22	M 4	6	6.5	58	13
GN 51.3-ND-22-M4-WS	22	M 4	6	6.5	58	13
GN 51.3-ND-31-M6-SW	31	M 6	6	11	89	24
GN 51.3-ND-31-M6-WS	31	M 6	6	11	89	24
GN 51.3-ND-43-M4-SW	43	M 4	6	6	100	30
GN 51.3-ND-43-M4-WS	43	M 4	6	6	100	30
GN 51.3-ND-43-M6-SW	43	M 6	6	15	100	32
GN 51.3-ND-43-M6-WS	43	M 6	6	15	100	32
GN 51.3-ND-57-M6-SW	57	M 6	7.5	15	200	83
GN 51.3-ND-57-M6-WS	57	M 6	7.5	15	200	83
GN 51.3-ND-66-M8-SW	66	M 8	8.5	15	250	120
GN 51.3-ND-66-M8-WS	66	M 8	8.5	15	250	120
GN 51.3-ND-88-M8-SW	88	M 8	8.5	15	550	193
GN 51.3-ND-88-M8-WS	88	M 8	8.5	15	550	193