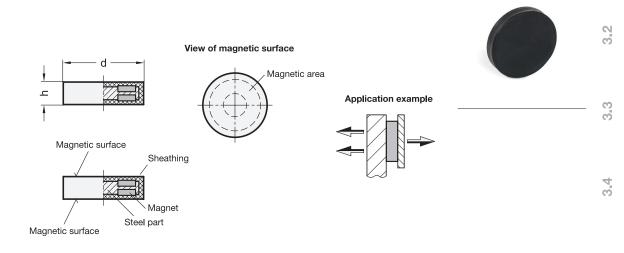
## **Retaining Magnets**

Neodymium-Iron-Boron, Magnetic on Both Sides, with Rubber Jacket





2		
d	h	Nominal magnetic forces in N
12	8	10
18	6	20
22	9	40
31	6	55
43	9	70

	•		•
Magnet			
NdFeB	ND		
Neodymium, iron, boron			
Operating temperature up to 80 °C			
Sheathing			
Thermoplastic elastomer (TPE)			
<ul> <li>Hardness ≈ 80 Shore A</li> </ul>			
• Black			W

## On request

RoHS

Specification

- Other colors
- · Other Shore hardnesses

Retaining magnets GN 51.1 with rubber jacket are used to join parts together. The opposing magnetic surfaces make a fastening hole unnecessary. The side on which the magnet adheres more strongly depends on the material, the material thickness and the surface characteristics of the respective opposing part.

The retaining magnets form a system together with the steel part that strengthens the magnetic force, optimally concentrating the magnetic flux on the rubberized magnetic surfaces.

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	Page	
GN 51.3 Retaining Magnets (with Threaded Stud)	QVX	
GN 51.6 Retaining Magnets (with Internal Thread)	QVX	
GN 51.8 Retaining Magnets (with Countersunk Bore)	QVX	
Technical Information		
More Information on Retaining Magnets	QVX	
Plastic Characteristics	QVX	
Accessory		
GN 70 Holding Disks	QVX	
GN 70.1 Adhesive Disks	QVX	

How to order	1	Material (Magnet)
<b>1 2 3</b> GN 51.1-ND-22-SW	2	d
	3	Color



3.7

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