

Retaining Magnets

**Samarium-Cobalt (SmCo),
Housing Stainless Steel, with Threaded Stud**

SPECIFICATION

Material of the magnet
SmCo **SC**
Samarium, cobalt
Temperature resistant up to 350 °C
Housing
Stainless steel AISI 316L



INFORMATION

Retaining magnets GN 50.8 are combined with the stainless steel housing into a system that shields and strengthens the magnet for optimal transmission of the magnetic flux onto the magnetic surface.

Because the stainless steel housing is tightly welded, the retaining magnets are suited for use in corrosive environments.

Thanks to the high temperature resistance, the magnets can even be used on oven doors, for example.

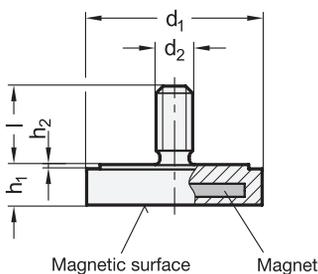
- More Information on Retaining Magnets (see page 2022)

ACCESSORY

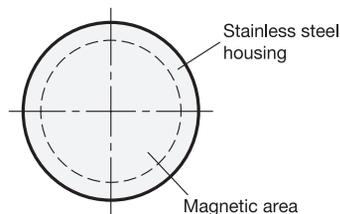
- Holding Disks GN 70 (see page 2051)
- Adhesive Disks GN 70.1 (see page 2051)
- Rubber Caps GN 70.2 (see page)

TECHNICAL INFORMATION

- Stainless Steel Characteristics (see page A26)



View of magnetic surface



GN 50.8

STAINLESS STEEL

Description	$d_1 \pm 0.2$	d_2	$h_1 \pm 0.2$	h_2	l	Nominal magnetic forces in N	⚖
GN 50.8-SC-16-M6	16	M 6	7	0.2	8	6.5	12
GN 50.8-SC-20-M6	20	M 6	7.5	0.2	10	20	20
GN 50.8-SC-25-M6	25	M 6	7.5	0.3	10	30	30
GN 50.8-SC-32-M6	32	M 6	8	0.3	10	77	51