



**SS** Stainless Steel

Dimensions in: millimeters - inches

<b>d<sub>1</sub> ±0.2</b>	<b>d<sub>2</sub></b>	<b>h<sub>1</sub> ±0.2</b>	<b>h<sub>2</sub></b>	<b>Length l</b>	<b>Nominal magnetic forces</b>
16 0.630	M 6	7 0.276	0.2 0.01	8 0.31	6.5 N 1.46 lbf
20 0.787	M 6	7.5 0.295	0.2 0.01	10 0.39	20 N 4.50 lbf
25 0.984	M 6	7.5 0.295	0.3 0.01	10 0.39	30 N 6.74 lbf
32 1.260	M 6	8 0.315	0.3 0.01	10 0.39	77 N 17.31 lbf

**Specification**

- Magnet material  
SmCo **SC**  
Samarium, cobalt  
Temperature resistant up to 662 °F (350 °C)
- Housing  
Stainless steel AISI 316L
- *Stainless Steel Characteristics* → page QVX
- **RoHS**

**Accessory**

- Magnet holding disks GN 70 → page QVX
- Self-adhesive disks GN 70.1 → page QVX
- Rubber caps GN 70.2 → page QVX

**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.

**see also...**

- *More Information on Retaining Magnets* → page QVX
- *Retaining Magnets GN 50.3 (with Threaded Stud)* → page QVX
- *Retaining Magnets GN 51.3 (with Threaded Stud)* → page QVX
- *Retaining Magnets GN 52.5 (Housing Stainless Steel, with Threaded Stud)* → page QVX

<b>How to order</b>	<b>1 Magnet material</b>
<b>GN 50.8-SC-16-M6</b>	<b>2 Diameter d<sub>1</sub></b>
	<b>3 Thread d<sub>2</sub></b>