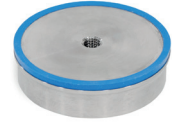


Metric



**3 Type**

**A** Flat locating surface

Metric table

Dimensions in: millimeters / inches

<b>1</b> $d_1$	<b>2</b> $d_2$	$d_3$	$d_4$	$h$	$t$
28 1.10	M 4	26 1.02	24 0.94	10 0.39	5 0.20
42 1.65	M 5	40 1.57	38 1.50	11 0.43	6 0.24

**Specification**

<b>Disk</b>	
Stainless steel AISI 318LN	
Matte finish (Ra < 0.8 μm)	<b>MT</b>
<b>Sealing ring</b>	
• H-NBR	<b>H</b>
Operating temperature -13 °F to +302 °F (-25 °C to +150 °C)	
• EPDM	<b>E</b>
Operating temperature -40 °F to +248 °F (-40 °C to +120 °C)	
• FKM	<b>F</b>
Operating temperature +23 °F to +392 °F (-5 °C to +200 °C)	
• FDA compliant material	
• Blue	
• Hardness 85 ±5 Shore A	

RoHS

**Accessory**

<b>GN 7600</b> Sealing Rings	QVX
<b>GN 1580</b> Hex Head Screws	QVX
<b>GN 1581</b> Hex Head Screws	QVX

Holding disks GN 7090 are used as counterparts for retaining magnets when these are used in connection with non-magnetic materials or when the holding force needs to be increased due to thin material.

They are intended for use in hygiene areas. The sealed screw-on surface enables mounting without dead spaces; the impervious geometry in combination with the high quality finish prevents dirt from accumulating and facilitates cleaning.

The holding disks can also be used in particularly aggressive environments thanks to the material used.

see also...	Page
Product Family Hygienic Design	QVX
Assembly Instructions	QVX
<b>GN 5080</b> Retaining Magnets (With Threaded Stud, Hygienic Design)	QVX
<b>GN 5090</b> Retaining Magnets (With Tapped Hole, Hygienic Design)	QVX
<b>GN 70</b> Magnet Holding Disks (Steel / Stainless Steel)	QVX

**Technical Information**

Assembly Instructions	QVX
Product Family Hygienic Design	QVX
Plastic Characteristics	QVX

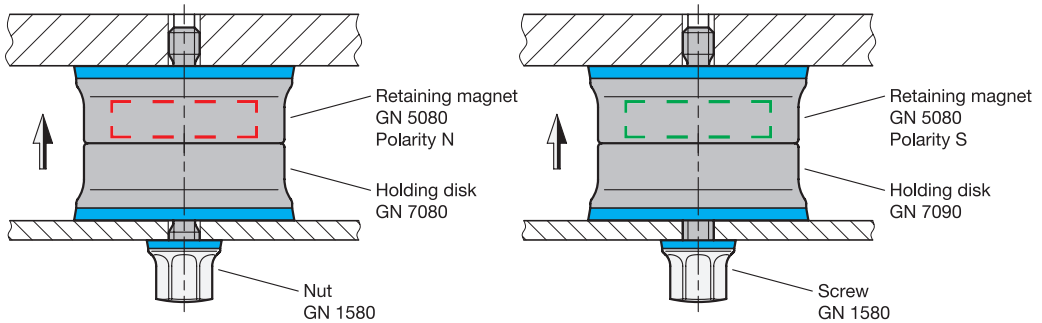
How to order

<b>1</b>	Diameter $d_1$
<b>2</b>	Thread $d_2$
<b>3</b>	Type
<b>4</b>	Finish
<b>5</b>	Sealing ring material

**GN 7090-42-M5-A-MT-E**

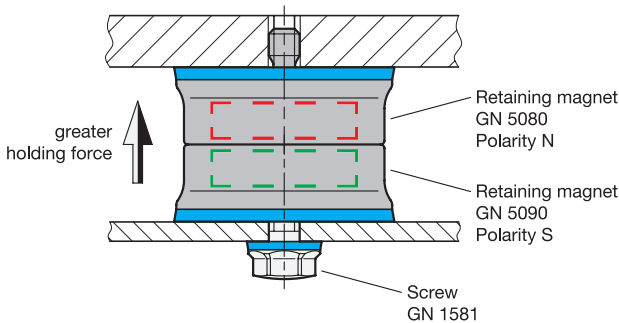
3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10

### Retaining magnet with holding disks



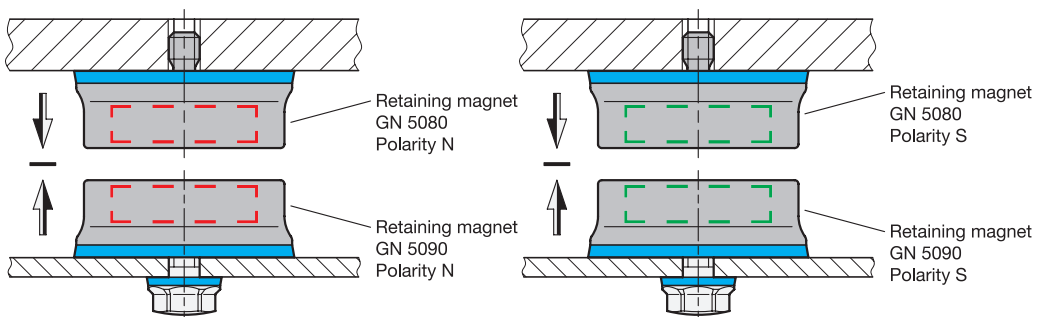
A normal holding force is achieved by combining retaining magnets with holding disks. Retaining magnets with north or south poles on the holding surface can be used equally.

### Two retaining magnets with opposite polarity



If two retaining magnets with opposite polarity are combined, an increased holding force is achieved.

### Two retaining magnets with the same polarity



Combining two retaining magnets with the same polarity creates a repelling force.