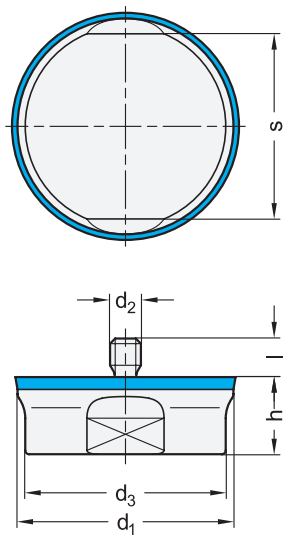
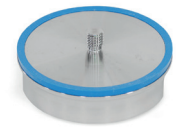
Holding Disks

Stainless Steel, with Threaded Stud, Hygienic Design



Metric



SS Stainless Steel | HD | FDA

3 Type

A Flat locating surface

Metric table

Dimensions in: millimeters / inches

1 d_1	2 d_2	d_3	d_4	h	Length l	s
28 1.10	M 4	26 1.02	24 0.94	10 0.39	5 0.20	24 0.94
42 1.65	M 5	40 1.57	38 1.50	11 0.43	5 0.20	38 1.50

Specification

Disk

Stainless steel AISI 318LN

Matte finish (Ra < 0.8 µm) **MT**

Sealing ring

- H-NBR **H**
  Operating temperature
  -13 °F to +302 °F (-25 °C to +150 °C)
- EPDM **E**
  Operating temperature
  -40 °F to +248 °F (-40 °C to +120 °C)
- FKM **F**
  Operating temperature
  +23 °F to +392 °F (-5 °C to +200 °C)
- FDA compliant material
- Blue
- Hardness 85 ±5 Shore A

RoHS

Holding disks GN 7080 are used as counterparts for retaining magnets when these are used in combination 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
GN 5080 Retaining Magnets (Hygienic Design)	QVX
GN 5090 Retaining Magnets (Hygienic Design)	QVX
GN 70 Magnet Holding Disks (Steel / Stainless Steel)	QVX

Technical Information

Assembly Instructions	QVX
Product Family Hygienic Design	QVX
Plastic Characteristics	QVX

Accessory

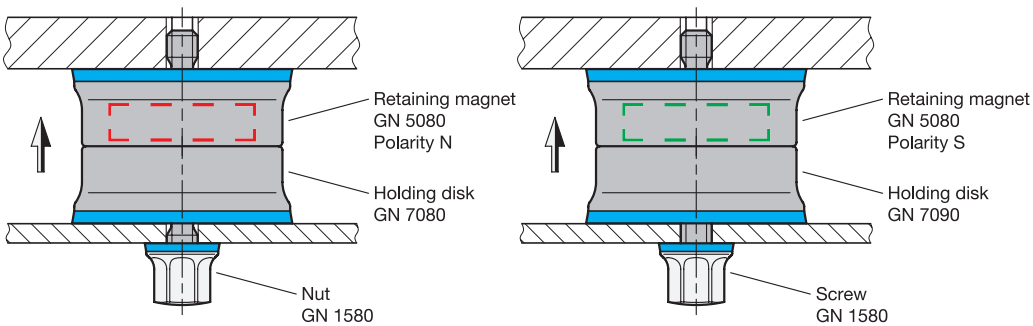
GN 7600 Sealing Rings	QVX
GN 1580 Nuts	QVX

How to order

1 2 3 4 5
GN 7080-28-M4-A-MT-E

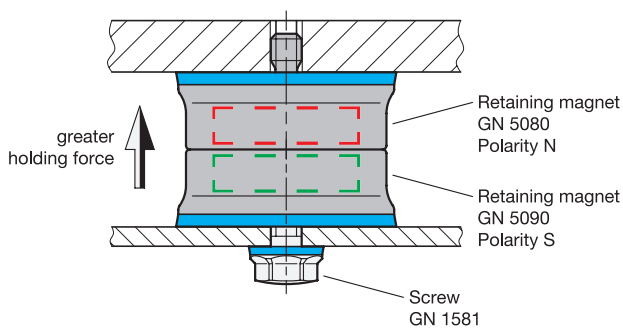
1	**Diameter d_1**
2	**Thread d_2**
3	**Type**
4	**Finish**
5	**Sealing ring material**

Retaining magnet with holding disks



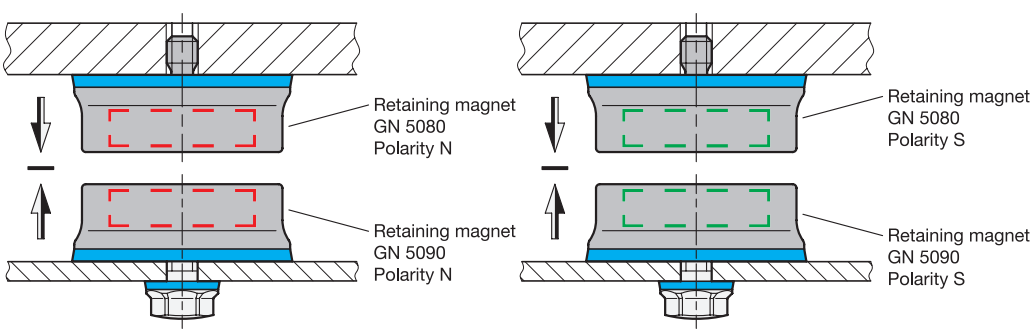
A normal holding force is achieved by combining retaining magnets with holding disks.
Retaining magnets with north or south poles on the holding surface can be used equally.

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.