

## Holding Disks

**Stainless Steel, with Internal Thread, Hygienic Design**

### SPECIFICATION

#### Type

- Type **A**: Flat locating surface

Stainless steel AISI 318LN

Matte finish ( $Ra < 0.8 \mu m$ ) **MT**

Sealing ring

- H-NBR **H**

Temperature resistant  $-25 \text{ }^\circ\text{C}$  to  $+150 \text{ }^\circ\text{C}$

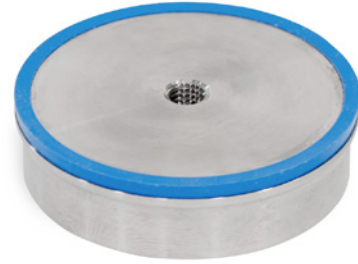
- EPDM **E**

Temperature resistant  $-40 \text{ }^\circ\text{C}$  to  $+120 \text{ }^\circ\text{C}$

- Blue

- Hardness  $85 \pm 5$  Shore A

- FDA compliant



### INFORMATION

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.

### ACCESSORY

- Sealing Rings GN 7600 (see page )

- Screws GN 1580 (see page )

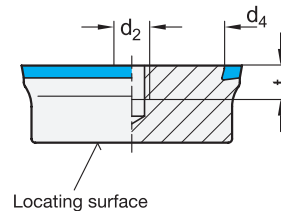
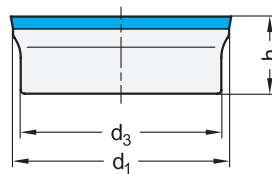
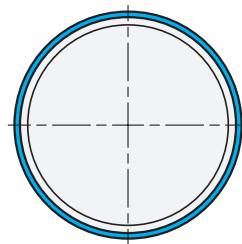
- Screws GN 1581 (see page )

### ON REQUEST

- With FKM sealing ring (fluoro-elastomer) **F**

### TECHNICAL INFORMATION

- Plastic Characteristics (see page A2)



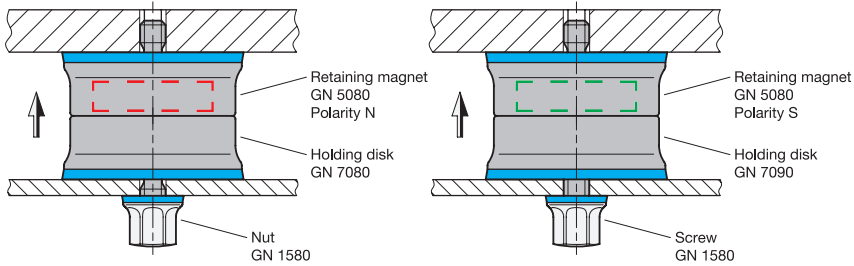
### GN 7090

**STAINLESS STEEL**

Description	d1	d2	d3	d4	h	t	⚖
GN 7090-28-M4-A-MT-H	28	M 4	26	24	10	5	41
GN 7090-28-M4-A-MT-E	28	M 4	26	24	10	5	41
GN 7090-42-M5-A-MT-H	42	M 5	40	38	11	6	107
GN 7090-42-M5-A-MT-E	42	M 5	40	38	11	6	107

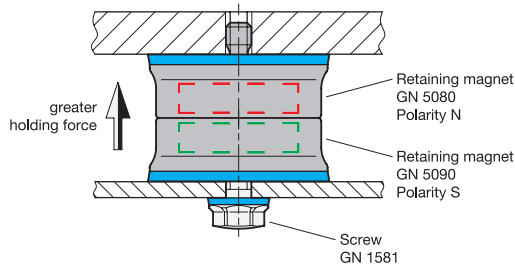
Assembly Instructions GN 5080 / GN 5090 / GN 7080 / GN 7090

Retaining magnet with holding disks



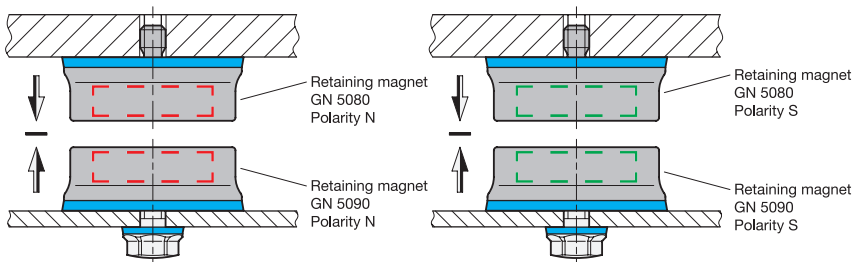
A normal holding force is achieved by combining retaining magnets with holding disks. Retaining magnets with north or south poles on the holding surface can be used equally.

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.



Magnets 18