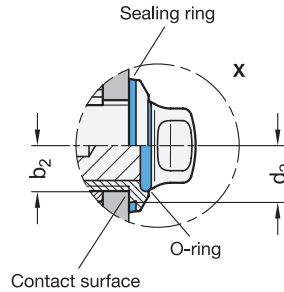
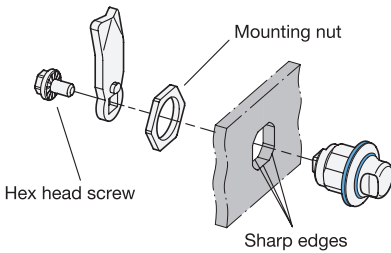


**Mounting example**



- 2 Type**  
SW With two spanner flats
- 4 Coding**  
FH Operating side in Hygienic Design (front hygiene)

**1** **3**

| d <sub>1</sub> | Latch arm distance A |      |      |    |    |    |    |    | b <sub>1</sub> | b <sub>2</sub> | d <sub>2</sub> | k    |      | l <sub>1</sub> ± | l <sub>2</sub> | l <sub>3</sub> ≈ | s  | A/F |    |
|----------------|----------------------|------|------|----|----|----|----|----|----------------|----------------|----------------|------|------|------------------|----------------|------------------|----|-----|----|
|                | 7,5                  | 13,5 | 19,5 | -  | -  | -  | -  | -  |                |                |                | min. | max. |                  |                |                  |    |     |    |
| 22             | 7,5                  | 13,5 | 19,5 | -  | -  | -  | -  | -  | 12             | 7              | 9              | 1,5  | 5    | 24               | 12,6           | 21               | 8  | 9   |    |
| 30             | 6                    | 10   | 14   | 18 | 20 | 22 | 24 | 26 | 28             | 19             | 10             | 13   | 1,5  | 6                | 45             | 15,3             | 29 | 10  | 13 |

**Specification**

- Lock housing  
Stainless steel AISI 316L
- Latch arm  
Stainless steel  
- AISI 304 for d<sub>1</sub> = 22  
- AISI 316L for d<sub>1</sub> = 30
- Sealing ring / O-ring  
EPDM **E**  
- Blue, FDA compliant  
- Temperature resistant -40 °C to +120 °C  
- Hardness 85 ±5 Shore A (Sealing ring)  
- Hardness 70 ±5 Shore A (O-ring)
- Other parts  
Stainless steel AISI 316L
- All moving parts lubricated with FDA compliant special grease
- Protection class IP 66
- IP Protection Classes → Page 2153
- Plastic Characteristics → Page 2158
- Stainless Steel Characteristics → Page 2166
- RoHS

**Accessory**

- Sealing Rings GN 7600 → Page 1596
- Socket keys GN 1151 → Page XYZ

**5**

**Information**

Latches GN 1150 are intended for use in hygienic areas and meet hygiene requirements on the operating side (front hygiene). The locking mechanism is protected by two seals. At the same time, the high surface quality (Ra < 0.8 µm) and dead-space-free mounting prevent dirt from adhering and facilitate cleaning.

The latches create a secure closure by rotating a maximum of 90°, which positions the latch arm in the locked position behind the frame. Slanted surfaces on the latch arm ensure smooth positioning. Latch arms are available with different bend angles to cover a latch arm distance A from 6 to 28 mm.

The mounting holes in the housing must be at a right angle, free of burrs and without a chamfer. This ensures that the sealing rings will function properly. Latches GN 1150 are supplied with loosely enclosed latch arm.

see also...

- Latches GN 1150 (Stainless Steel, Full Hygiene, Hygienic Design) → Page XYZ

**How to order**

|          |                                  |
|----------|----------------------------------|
| <b>1</b> | d <sub>1</sub>                   |
| <b>2</b> | Type                             |
| <b>3</b> | Latch arm distance A             |
| <b>4</b> | Coding                           |
| <b>5</b> | Material (Sealing ring / O-ring) |

**GN 1150-22-SW-7,5-FH-E**