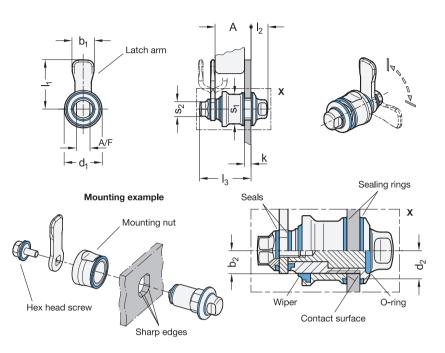
3.1

3.5

3.6











SW With two spanner flats



VH Operating and latch arm side in Hygienic Design

Dimensions in: millimeters - inches

Metric table

*	·														
d ₁	Latch arm distance A			b ₁	b ₂	d ₂	k		I ₁ ^{±1} -1	l ₂	I ₃ ≈	s ₁	S ₂	A/F	
						min.	max.								
30	22	33	44	20	10	13	1.5	6	45	15.3	47	27	13	13	
1.18	0.87	1.30	1.73	0.79	0.39	0.51	0.06	0.24	1.77	0.60	1.85	1.06	0.51	0.51	

Specification

- · Cam latch housing Stainless steel AISI 316L
- Latch arm Stainless steel AISI 316
- Seals Blue, FDA compliant Temperature resistant -40 °F to 230 °F (-40 °C to 110 °C)
- Sealing rings / O-ring **EPDM** Hardness 85 ±5 shore A (Sealing rings) Hardness 70 ±5 shore A (O-ring)
- Other seals / wipers TPU, hardness 95 ±5 shore A
- · Other parts Stainless steel AISI 316L
- All moving parts lubricated with a special, FDA compliant grease
- Protection class IP 66
- IP Protections Classes → page QVX
- Plastic Characteristics → page QVX
- Stainless Steel Characteristics → page QVX
- RoHS compliant

Accessory

- Sealing rings GN 7600 → page QVX
- Wipers GN 7607 → page QVX
- Socket Keys GN 1151 → page QVX

Information

GN 1150 cam latches are designed for use in hygiene areas and meet strict hygiene requirements (full hygiene) on the operating and latch arm side due to the special mounting nuts as well as the optimized latch arm and hex head screw. The locking mechanism is protected by multiple seals. At the same time, the high surface quality ($Ra < 0.8 \mu m$) and dead-space-free mounting prevent dirt from adhering and

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 22 to 44 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.

• Cam Latches GN 1150 (Stainless Steel, Operating Side in Hygienic Design) → page QVX

How to order	1	Diameter d ₁
	2	Туре
	3	Latch arm distance A
1 2 3 4 5	4	Coding
GN 1150-30-SW-22-VH-E	5	Material (Sealing ring / O-ring)

G