



- 2 Type**
SW With two spanner flats
- 4 Coding**
VH Operating and latch arm side in Hygienic Design

Metric table

Dimensions in: millimeters - inches

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

see also...

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

How to order	
1	Diameter d ₁
2	Type
3	Latch arm distance A
4	Coding
5	Material (Sealing ring / O-ring)

GN 1150-30-SW-22-VH-E

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10