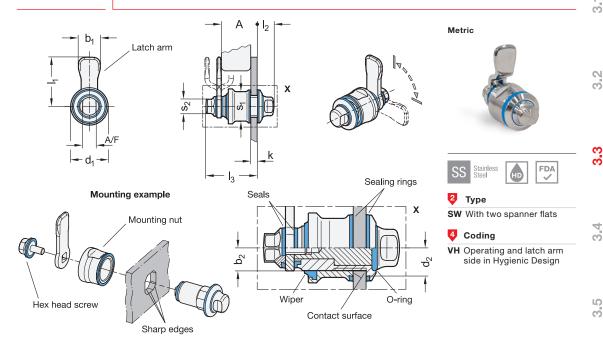
Cam Latches

Stainless Steel AISI 316L, Operating and Latch Arm Side in Hygienic Design





Metric table

U	Dimensions in: millimeters / inches													
d ₁	Latch arm distance A		b ₁	b ₂	d_2	k		I ₁ +1	l ₂	I ₃ ≈	S ₁	S ₂	A/F	
							min.	max.						
22 0.87	24 0.94	30 1.18	36 1.42	14 0.55	7 0.28	9 0.35	1.5 0.06	5 0.20	30 1.18	12.6 0.50	39.5 1.56	19 0.75	11 0.43	9 0.35
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

5 Specification Cam latch housing Stainless steel AISI 316L

Ε

Latch arm Stainless steel AISI 316

Seals

Blue, FDA compliant Operating temperature

- -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

RoHS

Accessory

QVX
QVX
QVX
QVX

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Cam latches GN 1150 are designed for use in hygiene areas and meet strict hygiene requirements 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

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	Page
GN 1150 Cam Latches (Stainless Steel, Operating Side in Hygienic Design)	QVX

Technical Information

IP Protection Classes	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	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)

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