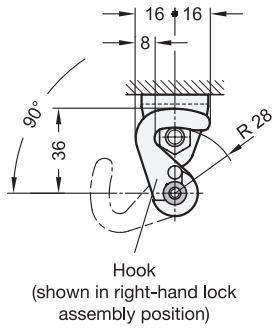
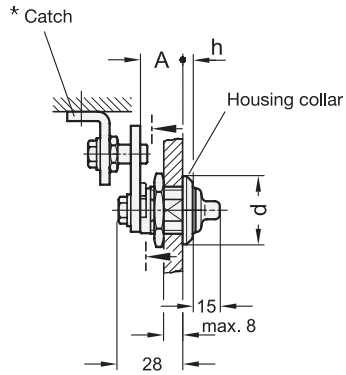
# Cam Latches with Hook

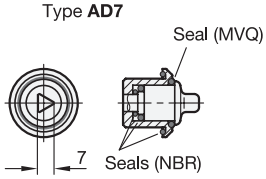
Stainless Steel, Operation with Socket Key, Protection Class IP 69k



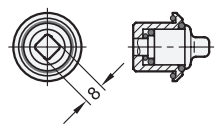


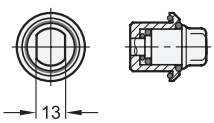

Type **AD7**




Type **AV8**




Type **AZ13**




**Metric**

SS Stainless Steel

**1 Type**

| | |
|---|---|
| **AD7** | With three exterior flats |
| **AV8** | With four exterior flats |
| **AZ13** | With two exterior flats |

**3 Hook version**

**H1** Pivoting radius R=28mm

**5 Identification no.**

| | |
|---|---|
| **1** | Without latch bracket |
| **2** | With latch bracket |

## Metric table

2

Dimensions in: millimeters / inches

| Hook distance **A** | **d** | **h** |
|---|---|---|
| 18<br>0.71 | 28<br>1.10 | 4<br>0.16 |

* Dimensions of the latch bracket, see page XYZ

### Specification

4

**Cam latch housing**
Stainless steel AISI 303 **N**

**Other parts**
Stainless steel AISI 304

**Seals**
- Acrylonitrile butadiene rubber (NBR)
- Silicone rubber (MVQ)
- Operating temperature
  -22 °F to +212 °F (-30 °C to +100 °C)

**Protection class** IP 69k

RoHS

### On request

- Cam latches with other hook distance A
- Hook with other pivoting radius R

| Accessory | Page |
|---|---|
| **GN 119.2** Socket Keys (for Type AD7 / AD8) | QVX |
| **GN 1151** Socket Keys (for Type AZ13) | QVX |
| **GN 120** Protective Caps | QVX |
| **GN 120.1** Finger Grip Opening Handles | QVX |

Cam latches with hook GN 115.8 with hook and latch bracket are mainly used for sliding doors and flaps. The locking action is in radial direction to the axis of rotation, resulting in a wide variety of different uses.
Thanks to multiple seals, the parts have the highest protection rating of IP 69k. The latches also satisfy the basic hygiene requirements according to DIN 1672-2 and DIN 14159.
The latches GN 115.8 are supplied with loosely enclosed hook.

| see also... | Page |
|---|---|
| **GN 115.8** Cam Latches with Hook (Stainless Steel, Operation with Socket Key) | QVX |
| **GN 115.8** Cam Latches with Hook (Stainless Steel, with Operating Elements) | QVX |

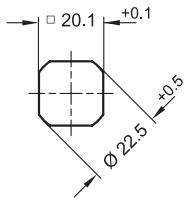
| Technical Information | |
|---|---|
| Construction and Assembly Instructions | QVX |
| List of Cam Latch / Cam Lock Types | QVX |
| IP Protection Classes | QVX |
| Plastic Characteristics | QVX |
| Stainless Steel Characteristics | QVX |

### How to order

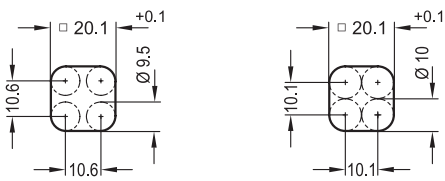
1 2 3 4 5
**GN 115.8-AD7-18-H1-N-2**

| | |
|---|---|
| 1 | **Type** |
| 2 | **Hook distance A** |
| 3 | **Hook version** |
| 4 | **Material** |
| 5 | **Identification no.** |

**Installation hole for punching or laser machining**



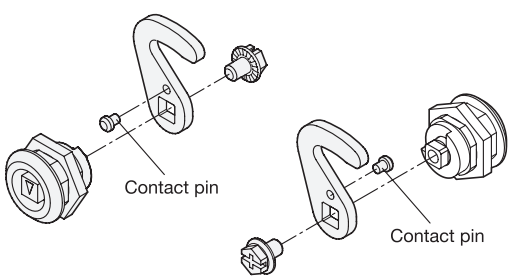

**Installation hole for drilling or milling**




## Construction and Assembly Instructions

For installation of the cam latch, create a bore in the door, cover or hatch as shown in the outline drawing.
The installation bore in the door leaf is usually generated by punching or laser machining during a mass production run.
The installation bore can also be created by drilling or milling as shown in the outline drawings.
For small production runs and steel sheets below 2 mm thickness, GN 123 sheet metal punches are the tool of choice.
The hook can only be attached to the latch after installing the lock housing in the door leaf.
The bolt diameter may be shifted by ± 5 mm, making it easier to adapt the latching mechanism to the installation site.
When latched, the bolt is ideally positioned at the level of the axis of rotation as shown. A sideways offset of as much as 4 mm does not impair the proper function.
The angle of rotation of the hook is normally limited to 90°. Depending on the mounting of the contact pin which is supplied unassembled, the latching action is effected by turning left or right. Without the contact pin, the hook can be rotated by 360°.

**Assembly latch and hook**




**Dimensions of the latch bracket**