



1 Type

Operation with

- SG** star knob
- DK** triangular spindle (DK7)
- VK7** square spindle A/F7
- VK8** square spindle A/F8
- VDE** double bit

Metric table



Dimensions in: millimeters - inches

Clamping range A1 - A9 (Door + frame thickness)								
A 1 (l = 35) (l = 1.38)	A 2 (l = 40) (l = 1.57)	A 3 (l = 45) (l = 1.77)	A 4 (l = 50) (l = 1.97)	A 5 (l = 55) (l = 2.17)	A 6 (l = 60) (l = 2.36)	A 7 (l = 65) (l = 2.56)	A 8 (l = 70) (l = 2.76)	A 9 (l = 75) (l = 2.95)
17 - 25 0.67 - 0.98	22 - 30 0.87 - 1.18	27 - 35 1.06 - 1.38	32 - 40 1.26 - 1.57	37 - 45 1.46 - 1.77	42 - 50 1.65 - 1.97	47 - 55 1.85 - 2.17	52 - 60 2.05 - 2.36	57 - 65 2.24 - 2.56

Specification

- Cam latch housing / operating bolt
Zinc die-cast, chrome plated finish
- Latch arm
Steel sheet metal, zinc plated, blue passivated finish
- Spacer
Aluminum
- Star knob EN 5337.2
Plastic
Technopolymer (Polypropylene PP)
Black, matte finish
- **RoHS compliant**

Information

GN 119 door cam latches have a large draw-in range of up to 10 mm. Securing the cam latch is achieved by turning the knob clockwise.

The socket key latches the latch arm and provides security from accidentally opening but does not lock the arm in place.

A socket key is not included.

see also...

- *List of Cam Latch Types*
- *Door Cam Latches GN 119 (Stainless Steel)*
- *Door Cam Latches GN 117*
- *Door Cam Latches EN 118*
- *Door Cam Latches GN 119.3 (with Cabinet "U" Handle)*

Accessory

- Socket keys GN 119.2
- Protective caps GN 120
- Opening handles GN 120.1

<p>How to order</p> <p>GN 119-VK8-A3</p>	1 Type
	2 Clamping range A



Cam Latches GN 119 (Stainless Steel) → page QVX

Construction and assembly instructions

By turning the cam latch clockwise, the stepped latch arm moves up behind the door frame and pulls the door in.

The large draw-in range of 10 mm allows these latches to be used successfully on doors with sealing strips. When selecting clamping range A, the width of the door seal might have to be taken into consideration.

To fit the latch, the door will have to be provided with a hole as per sketch shown at a distance from the door frame to hole center of 23 mm.

The cam latch housing with the preassembled operating bolt is inserted into the hole from the front and held in position with the hexagon nut. The spacer and the cam latch arm are then installed from the backside and assembled together with the hexagon nut.

The installation bore in the door leaf is usually generated by punching or laser machining during a mass production run.

For small production runs and steel sheets below 2 mm thickness, GN 123 sheet metal punches are the tool of choice → page QVX

The installation bore can also be created by drilling / milling as shown in the outline drawings.

