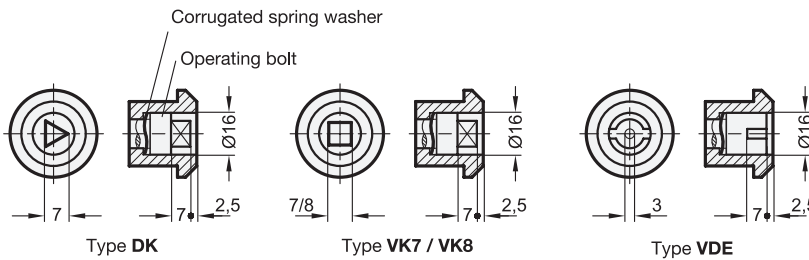


1 Type

Operation with

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



2

Clamping range **A1...A9** (Door + frame thickness)

A 1 (l = 35)	A 2 (l = 40)	A 3 (l = 45)	A 4 (l = 50)	A 5 (l = 55)	A 6 (l = 60)	A 7 (l = 65)	A 8 (l = 70)	A 9 (l = 75)
17 - 25	22 - 30	27 - 35	32 - 40	37 - 45	42 - 50	47 - 55	52 - 60	57 - 65

Specification

- Lock housing / operating bolt
Zinc die casting, chrome plated
- Cam latch
Sheet Steel zinc plated, blue passivated
- Distance piece
Aluminum
- Star knobs GN 5337.2
Plastic (Polypropylene PP)
black, matte
- *Plastic characteristics* → Page 1483
- **RoHS**

Accessory

- Socket keys GN 119.2 → Page 940
- Protective caps GN 120 → Page 942
- Opening handles GN 120.1 → Page 943

Information

Latches GN 119 have a pulling-in range of 10 mm. Locking is achieved by turning the latch clockwise.

see also...

- *List of latch types* → Page 892 ff.
- *Stainless Steel-Latches GN 119* → Page 926
- *Latches GN 117* → Page 922
- *Latches with cabinet „U“ handle GN 119.3 (with cam latch)* → Page 928

How to order

GN 119-VK8-A3

1	Type
2	Clamping range A



3.1

3.2

3.3

3.4

3.5

Construction and assembly instructions

3.6

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

3.7

The large pulling-in range of the cam (10 mm) allows these locks to be used successfully on doors with sealing strips. When selecting clamping range „A“ the thickness of the door seal might have to be taken into consideration.

To fit the lock, 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.

3.8

The lock housing with the preassembled operating bolt is fitted into the hole from the front and held in position with the hexagon nut. The distance piece and the cam latch are then fitted at the rear and fixed with the hexagon nut.

In volume production, the **mounting borehole** in the door leaf is usually made by punching or laser machining.

3.9

For small series and steel sheets below 2 mm thickness, the sheet metal punches GN 123 are the tool of choice → [Page 941](#).

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

