

## Hook-Type Latches

Zinc Die Casting, Operating with Socket Key,  
Not Lockable

### SPECIFICATION

#### Types

- Type **DK**: With triangle
- Type **VK7**: With square
- Type **VK8**: With square
- Type **SCH**: With slot
- Type **VDE**: With double bit

#### Version of the hook

- **H1**: Pivoting radius  $R=28$

#### Identification no.

- No. **1**: Without latch bracket
- No. **2**: With latch bracket

#### Lock housing

Zinc die casting

#### Housing collar

- Chrome plated **CR**
- Powder coated  
Black, RAL 9005, textured finish **SW**

#### Other parts

Steel  
Zinc plated, blue passivated

#### Protection class IP 65



### INFORMATION

Hook-type latches GN 115.8-WSK-NL-ZD with hook and catch 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.

The hook-type latches GN 115.8-WSK-NL-ZD are supplied with loosely enclosed hook.

### ACCESSORY

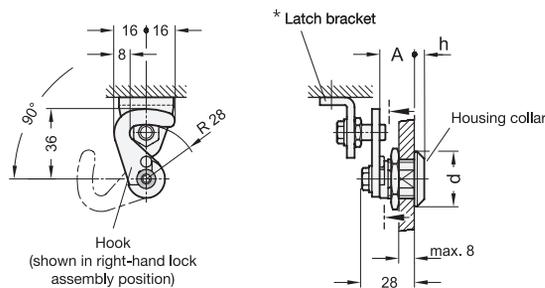
- GN 119.2 Socket Keys (see page 1530)
- GN 120 Protective Caps (see page 1486)
- GN 120.1 Opening Handles (see page 1487)

### ON REQUEST

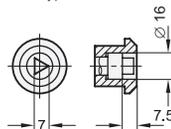
- Hook-type latches with other hook distance A
- Hook with other pivoting radius R

### TECHNICAL INFORMATION

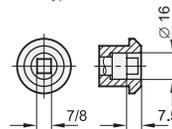
- Construction and assembly instructions (see page )
- Overview Latch Types (see page 1456)
- IP Protection Classes (see page A23)



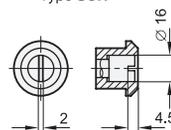
Type **DK**



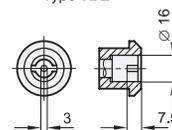
Type **VK7 / VK8**

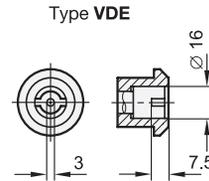
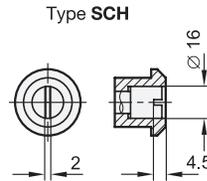
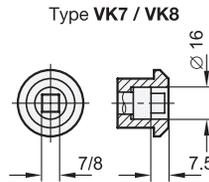
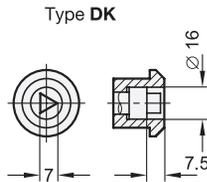
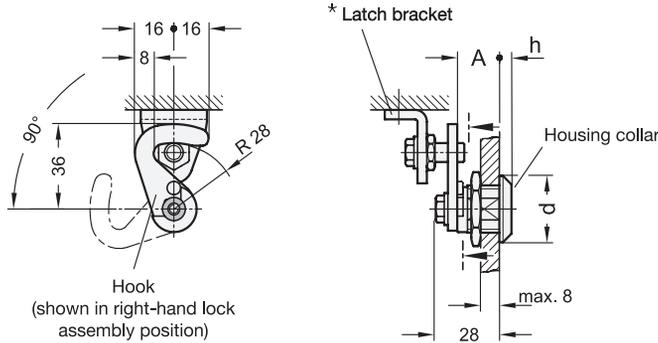


Type **SCH**



Type **VDE**





GN 115.8-WSK-NL-ZD-DK

Description	Hook distance A	d	h	△
GN 115.8-DK-18-H1-CR-1	18	28	4	72
GN 115.8-DK-18-H1-CR-2	18	28	4	112
GN 115.8-DK-18-H1-SW-1	18	28	4	72
GN 115.8-DK-18-H1-SW-2	18	28	4	112

GN 115.8-WSK-NL-ZD-VK7

Description	Hook distance A	d	h	△
GN 115.8-VK7-18-H1-CR-1	18	28	4	72
GN 115.8-VK7-18-H1-CR-2	18	28	4	120
GN 115.8-VK7-18-H1-SW-1	18	28	4	72
GN 115.8-VK7-18-H1-SW-2	18	28	4	120

GN 115.8-WSK-NL-ZD-VK8

Description	Hook distance A	d	h	△
GN 115.8-VK8-18-H1-CR-1	18	28	4	73
GN 115.8-VK8-18-H1-CR-2	18	28	4	117
GN 115.8-VK8-18-H1-SW-1	18	28	4	73
GN 115.8-VK8-18-H1-SW-2	18	28	4	117

\* Dimensions of the latch bracket

GN 115.8-WSK-NL-ZD-SCH

Description	Hook distance A	d	h	△
GN 115.8-SCH-18-H1-CR-1	18	28	4	78
GN 115.8-SCH-18-H1-CR-2	18	28	4	119
GN 115.8-SCH-18-H1-SW-1	18	28	4	78
GN 115.8-SCH-18-H1-SW-2	18	28	4	119

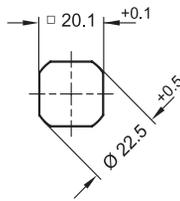
GN 115.8-WSK-NL-ZD-VDE

Description	Hook distance A	d	h	△
GN 115.8-VDE-18-H1-CR-1	18	28	4	74
GN 115.8-VDE-18-H1-CR-2	18	28	4	100
GN 115.8-VDE-18-H1-SW-1	18	28	4	74
GN 115.8-VDE-18-H1-SW-2	18	28	4	100

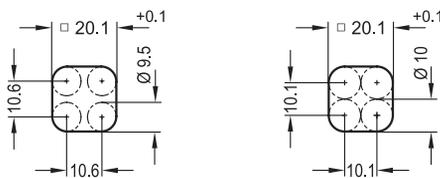
\* Dimensions of the latch bracket



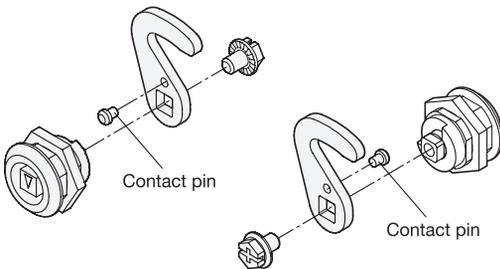
Installation hole for punching or laser machining



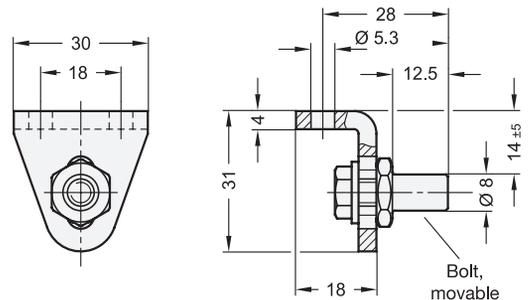
Installation hole for drilling or milling



Assembly latch and hook



Dimensions of the latch bracket



Construction and assembly instructions

For installation, set a hole in the door, cover or hatch as shown in the outline drawing.

The required installation bore in the door leaf, is usually generated by punching or laser machining in series production.

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

For small series and steel sheets below 2 mm thickness, the sheet metal punch GN 123 (see page 1493) 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 of the latch bracket can be shifted vertically within a slot by  $\pm 5$  mm, making it easier to adjust the latch during installation.

Ideally, the bolt should be in the plane of the rotational axis when locked, 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 supplied loose, the locking action is effected by turning left or right.

Without the contact pin, the hook can be rotated by 360°.