

Latches with safety function

Operation with operating elements / with socket key, not lockable

SPECIFICATION

Operation with operating elements

Types

- Type **RG**: Operation with knurled knob GN 7336 (see page 280)
- Type **KG**: Operation with wing knob
- Type **HG**: Operation with lever

Lock housing
Zinc die casting

Locating ring
plastic coated
black, RAL 9005, textured finish **SW**

All other parts
Steel zinc plated, blue passivated

Operating handles
Plastic (Polyamide PA)
black, matt

Cover cap
Plastic (Polyamide PA)
light grey

Operation with socket key

Types

- Type **DK**: Operation with triangular spindle (DK7)
- Type **VK7**: Operation with square spindle A/F7
- Type **VK8**: Operation with square spindle A/F8

Lock housing
Zinc die casting

Locating ring
plastic coated
black, RAL 9005, textured finish **SW**

All other parts
Steel zinc plated, blue passivated

INFORMATION

Latches GN 115.9 have a **push-to-turn** safety function. In the two end positions the spindle is locked in place by the latch. The device can be turned 90° only when the operating element is pressed down, which releases the safety pin from the locked position. This feature protects the latch reliably from moving on its own or as the result of vibrations.

The beveled edges on the latch make closing the door easy. Latches with different cranks cover a latch distance A from 4 to 32 mm.

Latches GN 115.9 are supplied with loosely enclosed latch.

TECHNICAL INFORMATION

- List of latch types (see page 1456)
- Plastic characteristics (see page A2)

ACCESSORY

- Socket keys GN 119.2 (see page 1530)
- Protective caps GN 120 (see page A2)
- Operating handles GN 120.1 (see page 1487)



CONSTRUCTION AND ASSEMBLY INSTRUCTIONS

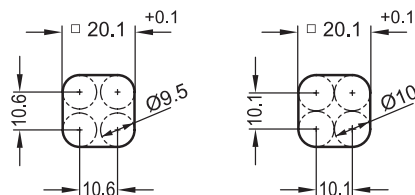
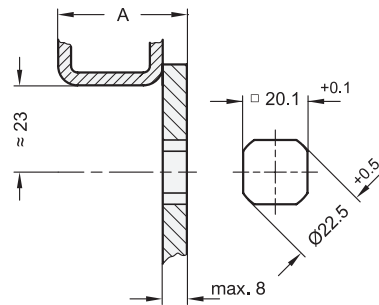
For installation, set a bore diameter in the door as shown in the outline drawing.

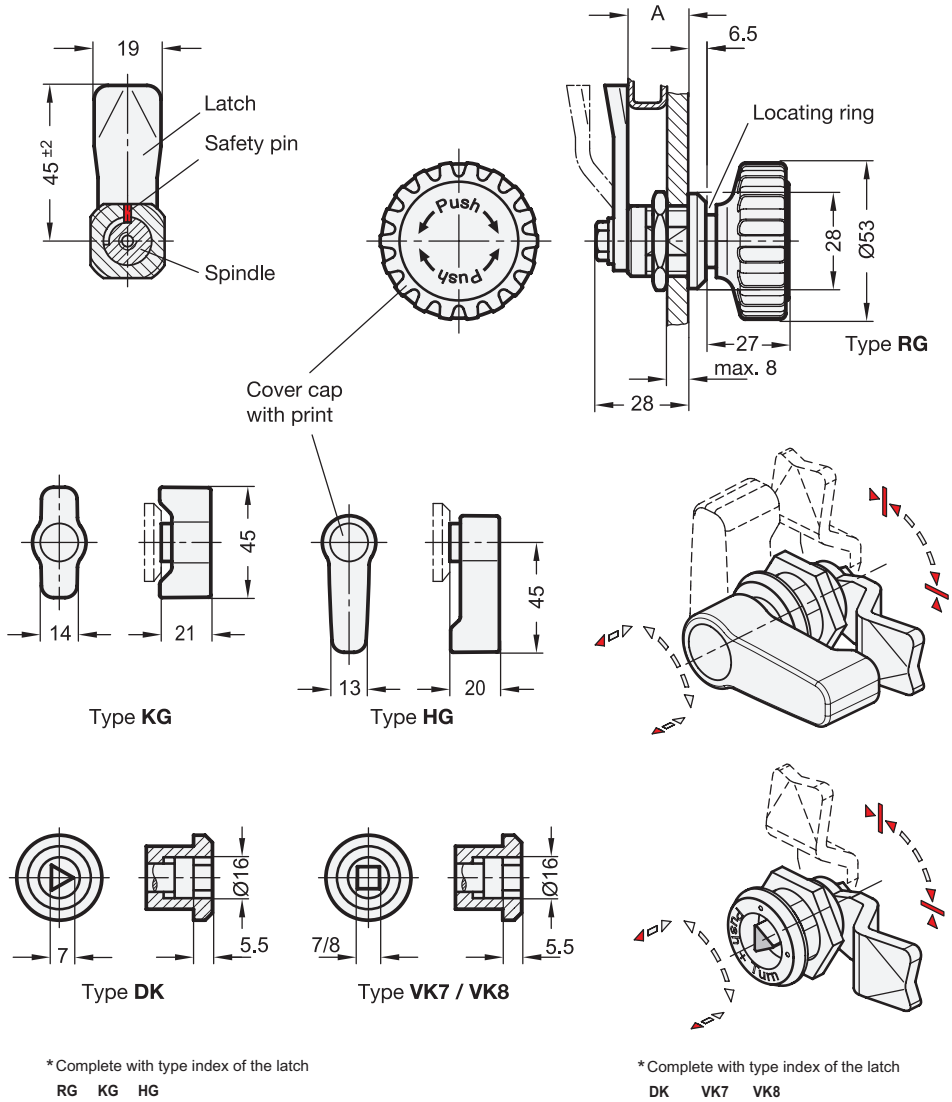
Once assembled, the latch is pushed through the bore diameter from the front. The hexagon nut can then be pushed over the latch from the back and bolted in place.

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

For small series and steel sheets below 2 mm thickness, the sheet metal punches GN 123 (see page 1493) are the tool of choice.

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





GN 115.9 - Operation with operating elements

Description	Latch distance A	⚖️
GN 115.9-*-4-SW	4	112
GN 115.9-*-6-SW	6	112
GN 115.9-*-8-SW	8	113
GN 115.9-*-10-SW	10	114
GN 115.9-*-13-SW	13	114
GN 115.9-*-14-SW	14	114
GN 115.9-*-16-SW	16	115
GN 115.9-*-18-SW	18	115
GN 115.9-*-20-SW	20	116
GN 115.9-*-22-SW	22	116
GN 115.9-*-24-SW	24	116
GN 115.9-*-26-SW	26	117
GN 115.9-*-28-SW	28	117
GN 115.9-*-30-SW	30	118
GN 115.9-*-32-SW	32	120

Weight type RG

GN 115.9 - Operation with socket key

Description	Latch distance A	⚖️
GN 115.9-*-4-SW	4	50
GN 115.9-*-6-SW	6	57
GN 115.9-*-8-SW	8	70
GN 115.9-*-10-SW	10	70
GN 115.9-*-13-SW	13	70
GN 115.9-*-14-SW	14	70
GN 115.9-*-16-SW	16	70
GN 115.9-*-18-SW	18	70
GN 115.9-*-20-SW	20	70
GN 115.9-*-22-SW	22	80
GN 115.9-*-24-SW	24	80
GN 115.9-*-26-SW	26	80
GN 115.9-*-28-SW	28	80
GN 115.9-*-30-SW	30	80
GN 115.9-*-32-SW	32	80

Weight type DK