# GN 515

## Latches

Zinc Die Casting, with Extended Housing, with Operating Elements, Lockable



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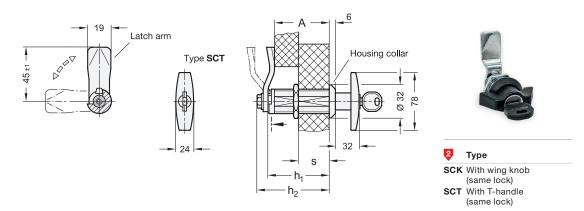
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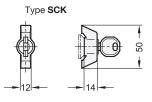
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| 3              | 4                    |    |    |    |    |    |    |    |    |    |                |               |    |
|----------------|----------------------|----|----|----|----|----|----|----|----|----|----------------|---------------|----|
| h <sub>1</sub> | Latch arm distance A |    |    |    |    |    |    |    |    |    | h <sub>2</sub> | <b>s</b> max. |    |
| 30             | 16                   | 20 | 25 | 28 | 32 | 36 | 40 | 44 | 48 | 52 | 57             | 40            | 20 |
| 30             | 18                   | 22 | 26 | 30 | 34 | 38 | 42 | 46 | 50 | 54 | 62             | 40            | 20 |
| 40             | 26                   | 30 | 35 | 38 | 42 | 46 | 50 | 54 | 58 | 62 | 67             | 50            | 30 |
| 40             | 28                   | 32 | 36 | 40 | 44 | 48 | 52 | 56 | 60 | 64 | 72             | 50            | 30 |
| 50             | 36                   | 40 | 45 | 48 | 52 | 56 | 60 | 64 | 68 | 72 | 77             | 60            | 40 |
| 50             | 38                   | 42 | 46 | 50 | 54 | 58 | 62 | 66 | 70 | 74 | 82             | 60            | 40 |
| 60             | 46                   | 50 | 55 | 58 | 62 | 66 | 70 | 74 | 78 | 82 | 87             | 70            | 50 |
| 60             | 48                   | 52 | 56 | 60 | 64 | 68 | 72 | 76 | 80 | 84 | 92             | 70            | 50 |

| Specification   | Ų  | 5    |
|---|----|------|
| Lock housing<br>Zinc die casting  | ZD |      |
| Housing collar<br>Powder coated<br>Black, RAL 9005, textured finish       |    | • sw |
| <b>Operating elements</b><br>Plastic, Polyamide PA<br>Black, matte finish |    |      |
| Key<br>Nickel silver with plastic hand piece                              |    |      |
| Other parts<br>Steel, zinc plated, blue passivated                        |    |      |
| Protection class IP65   |    |      |
| RoHS  |    |      |
| Accessory   |    | Page |
| GN 120.2 Protective Guide Plates  |    | QVX  |

QVX

GN 123 Sheet Metal Punches

Lockable latches GN 515 are identical to standard latches GN 115 except for the extended housing. They are operated with a rotation limited to 90°, which moves the latch arm into the locked position behind the frame. The bevels of the latch arm ease the closing of the door.

By installing latch arms with different bend profiles, the latch distance A can be varied from 16 to 92 mm depending on the housing height  $h_1$ , while the extended housing is suitable for a door thickness s up to 50 mm.

The latches each come with 2 keys and loosely enclosed latch arm. The key can be removed in both end positions. The lock is standard, so that every lock can be opened with the same key.

| Technical Information                  | Page |
|--|------|
| Construction and Assembly Instructions | QVX  |
| IP Protection Classes                  | QVX  |
| Plastic Characteristics                | QVX  |

|   |                        |   |                      | _ |  |
|---|------------------------|---|----------------------|---|--|
|   | How to order           | 1 | Material             |   |  |
|   |                        | 2 | Туре                 | G |  |
|   |                        | 3 | h <sub>1</sub>       |   |  |
|   |                        | 4 | Latch arm distance A |   |  |
| 0 | GN 515-ZD-SCK-40-38-SW | 5 | Finish               |   |  |

3.3 Hinging, Latching, Locking of Doors and Covers

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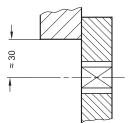
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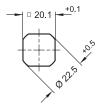


## **Construction and Assembly Instructions**

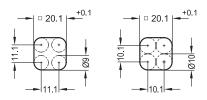
#### Hole distance



Installation hole for punching or laser machining



### Installation hole for drilling or milling

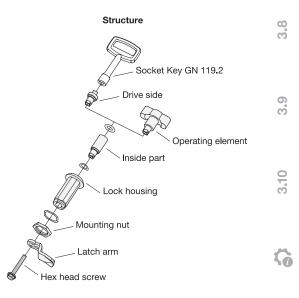


For installation, set a hole in the door, cover or hatch as shown in the outline drawing.

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

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

When mounting the latches, care should be taken to ensure that the internal parts of the latch do not fall out of the housing when removing or mounting the hex head screw.



3.3 Hinging, Latching, Locking of Doors and Covers