

Locking distance		l_1	w
Nominal size	A min.		Adjustable range
A1	18	52	5
A2	23	57	5

Specification

- Housing
Zinc die casting
- Corrosion-resistant
ZNDG Pass. nano®-coating
- Anthracite colored
- Setting sleeve
Steel
Powder coated
Black, matte textured finish
- Operating button / Slide
Plastic (Polyamide PA)
Black, matte finish
- Push button
Plastic (Polyamide PA)
Light gray
- Hex nut
Steel
Zinc plated, blue passivated
- *Plastic Characteristics* → Page 2158
- RoHS

Information

Snap locks GN 315 are characterised by a radial, spring-loaded slide causing the locking action.

When closing the door, the locking action sets in automatically. The bevelled slide is first pushed back via an appropriately arranged lug and then moved into the locking position by the pressure spring.

The door is unlocked via the push button.

To operate the door, these snap locks are fitted with an operating button.

see also...

- *Snap Locks GN 315.1 (without Operating Button)* → Page 1254
- *Spring-Bolt Door Latches GN 449* → Page 1256

How to order

GN 315-A1

1 Locking distance



3.1

3.2

3.3

3.4

Construction and assembly instruction

3.5

These snap locks can be used to latch a door, cover or hatch but not to clamp it.

This is why it is important to position the locking distance A (door + door frame thickness) with great accuracy and precision.

3.6

For snap locks GN 315, the locking distance can be set continuously via the setting sleeve adjustable via a precision thread. This makes installation a great deal easier.

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

3.7

The snap lock is inserted through the hole from the front. The mounting nut is then simply pushed onto the slide from the back side and screwed into place.

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

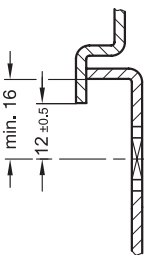
3.8

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

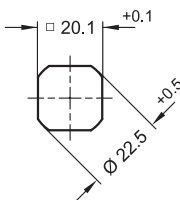
For small series and steel sheets below 2 mm thickness, the sheet metal punch GN 123 are the tool of choice → Page 1267.

3.9

Hole distance



Installation hole for punching or laser machining



Installation hole for drilling or milling

