



Locking distance A1 continuously adjustable	b max. door thickness	l₁	l₂
18 (min.)	10,5	26,5	34
23 (max.)	15,5	31,5	29

Locking distance A2 continuously adjustable	b max. door thickness	l₁	l₂
23 (min.)	15,5	31,5	34
28 (max.)	20,5	36,5	29

Specification

- Housing
Zinc die casting
- corrosion-resistant
ZNDG Pass. nano®-coating
- anthracite coloured
- Setting sleeve
Steel
- plastic coated black,
matt textured finish
- Operating button / slide
Plastic (Polyamide PA)
- black, matt finish
- Push button
Plastic (Polyamide PA)
- light grey
- Hexagon nut
Steel zinc plated, blue passivated
- Plastic characteristics → Page 1141
- RoHS compliant

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 874

How to order	
GN315-A1	1 Locking distance



2.1
2.2
2.3
2.4
2.5

Construction and assembly instruction

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

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

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 bore diameter in the door as shown in the outline drawing opposite.

The snap lock is pushed through the bore diameter from the front and mounted from the back with a hexagon nut.

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 are the tool of choice → Page 876.

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

2.6
2.7
2.8
2.9

