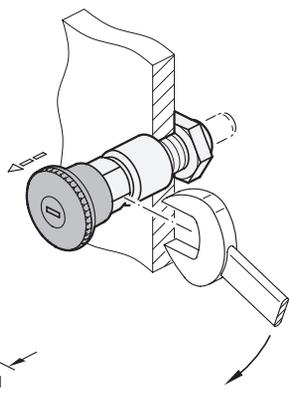


Assembly instruction



ROSTFREI
Inox
Stainless
Steel

- 3 Type**
 - A** front locking
 - AK** front locking, with lock nut
 - E** front and rear locking
 - EK** front and rear locking, with lock nut
- 4 Coding**
 - SC** with key (keyed alike)
 - SU** with key (keyed differently)

Type A / AK

Type E / EK

1 **2**

d ₁ Pin $_{-0.02}^{-0.04}$ Bore H7	l ₁	d ₂	d ₃	d ₄	k	l ₂ ≈	l ₃	A/F	Spring load in N ≈	
									initial	end
8	8	M 16 x 1,5	34	23	21	68,5	26	19	18	33
8	12	M 16 x 1,5	34	23	21	68,5	26	19	11	33
10	12	M 16 x 1,5	34	23	21	68,5	26	19	11	33
12	15	M 20 x 1,5	34	23	21	73	31,5	19	11	33

Specification

- **Stainless Steel** **NI**
 - AISI 303
 - Plunger pin chemically nickel plated
- **Knob**
 - Plastic (Polyamide PA)
 - black, matte
 - temperature resistant up to 80 °C
- **Spring**
 - Stainless Steel AISI 301
- **Lock mechanism**
 - Zinc die casting / Stainless Steel
- **Key (two pieces)**
 - Steel, nickel plated
- **Hexagon nut ISO 8675**
 - Stainless Steel AISI 304 (A2)
- **Load rating information** → Page QVX
- **ISO-Fundamental tolerances** → Page QVX
- **Plastic characteristics** → Page QVX
- **Stainless Steel characteristics** → Page QVX
- **RoHS**

5

Information

Lockable Stainless Steel-Indexing plungers GN 814 are used for applications where unauthorized operation is to be prevented. Types A and AK secure the plunger pin in the front position after locking. Types E and EK additionally secure the plunger pin in the rear position if it is not to protrude temporarily.

The key can be removed in the end positions. Locks with coding SC are keyed alike, allowing each lock to be operated with the same key. Locks with coding SU have different locks with 100 different lock versions and correspondingly numbered keys.

For assembly, the indexing plunger can be screwed in or out via a hexagon socket, which is only accessible when the knob is pulled back. If necessary, lock nuts should be additionally secured against manipulation, e.g. by gluing or welding.

How to order

1	d ₁
2	l ₁
3	Type
4	Coding
5	Material

GN814-8-12-AK-SC-NI

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9