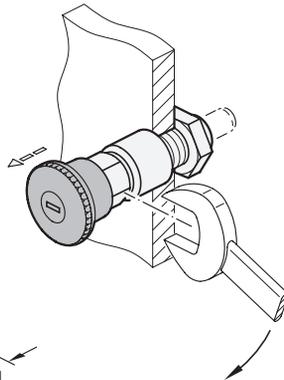


**Assembly instruction**



- 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

d <sub>1</sub> Pin $_{-0.02}^{-0.04}$ Bore H7	l <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	k	l <sub>2</sub> ≈	l <sub>3</sub>	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 AISI 303 **NI**
- Plunger pin chemically nickel plated
- Knob  
Plastic (Polyamide PA)  
- Black, matte finish  
- Temperature resistant up to 80 °C
- Pressure spring  
Stainless steel AISI 301
- Lock mechanism  
Zinc die casting / Stainless steel
- Key (two pieces)  
Steel, nickel plated
- Hex nut ISO 8675  
Stainless steel AISI 304
- *Load Rating Information* → Page 2132
- *ISO Fundamental Tolerances* → Page 2151
- *Plastic Characteristics* → Page 2158
- *Stainless Steel Characteristics* → Page 2166
- RoHS

**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 68 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 <sub>1</sub>
2	l <sub>1</sub>
3	Type
4	Coding
5	Material

1 2 3 4 5  
**GN814-8-12-AK-SC-NI**