

- 3 Type**
- A** with knob, sleeve black, without lock nut
 - AK** with knob, sleeve black, with lock nut
 - AR** with knob, sleeve red, without lock nut
 - ARK** with knob, sleeve red, with lock nut
 - B** with key, sleeve black, without lock nut
 - BK** with key, sleeve black, with lock nut

1 d ₁ Pin <small>$\begin{matrix} 0 \\ -0,05 \\ +0,15 \\ -0,07 \end{matrix}$</small>	2 d ₂	d ₃	d ₄	d ₅	d ₆	l ₁ ≈	l ₂	l ₃	l ₄ ≈	l ₅	A/F	Spring load in N ≈		
												initial	end	
6	8	M 12 x 1,5	16	28	17	-	50	8	20	6	43	14	13	28
8	10	M 16 x 1,5	18	28	17	20	52	10	22	6	48	16	14	38

Specification

- Threaded body
Steel zinc plated, blue passivated
- Plunger pin
Stainless Steel AISI 303
- Spring
Stainless Steel AISI 301
- Knob
Plastic (Polyamide PA)
- black, matt
- not removable
- Sleeve
Plastic (Polyamide PA)
- black, matt or red
- not removable
- Load rating information → Page 1463
- Stainless Steel characteristics → Page 1489
- Plastic characteristics → Page 1483
- RoHS compliant

Accessory

- Keys GN 816-10
Plastic (Polyamide PA)
(Locking plungers Ø 6 and Ø 8
have the same keys)

Information

If not operated, the plunger of the locking plungers GN 816 protrudes. To retract, move against the spring force and hold in the end position by turning by 90°.

The shape of the cam curve secures the plunger against accidental operation.

When operating the button (Type AR / ARK), the visible **red** covering sleeve indicates the locking status: Indexing pin does **not** protrude.

For the execution with operation with key (Type B / BK) a key is required to move the plunger. In this execution, a cover sleeve provides additional security and safety from unauthorized removal of the locking plunger. The cover sleeve also provides additional protection against malfunction caused by dirt.

see also...

- List of indexing plunger types → Page 640 ff.
- St. Steel-Distance bushings GN 609.5 (to limit the thread length) → Page 694
- Positioning bushings GN 412.2 → Page 696
- Flat hexagonal nuts GN 909 → Page 695
- Locking plungers GN 816.1 (Plunger in normal position retracted) → Page 688

How to order	
1	d ₁
2	d ₂
3	Type

GN816-8-M16x1,5-A



3.1

3.2

3.3

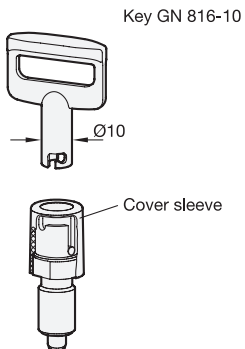
3.4

3.5

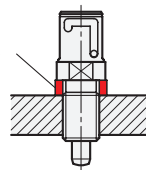
Version with key (Type B / Type BK)

3.6

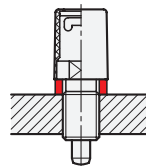
Assembly instruction



Distance
bushing
GN 609.5



Screw in
threaded socket



Clip in
cover sleeve

3.7

3.8

3.9

