

- 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 Bore	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	M 12 x 1,5	16	28	17	-	51,5	8	20	6	43	14	12	27
8	M 16 x 1,5	18	28	17	20	54,5	10	22	6	48	16	12	35

Specification

- Threaded body
Steel zinc plated, blue passivated
- Plunger pin
Stainless steel AISI 303
- Pressure spring
Stainless steel AISI 301
- Knob
Plastic (Polyamide PA)
- Black, matte finish
- Not removable
- Sleeve
Plastic (Polyamide PA)
- Black, matte or red finish
- Not removable
- Load Rating Information → Page 2132
- Plastic Characteristics → Page 2158
- Stainless Steel Characteristics → Page 2166
- RoHS

Accessory

- Key GN 816.1-10
Plastic (Polyamide PA)
(All locking plungers have the same keys)

Information

If not operated, the plunger of the locking plungers GN 816.1 is retracted. To move out, 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 884 ff.
- Distance Bushings GN 609.5 (to Limit the Thread Length) → Page 952
- Thin Hex Nuts GN 909 / GN 909.5 → Page 953
- Positioning Bushings GN 412.2 / GN 412.4 → Page 954
- Locking Plungers GN 816 (Plunger Pin in Normal Position Protruded) → Page 944

How to order	1 d ₁
GN816.1-6-M12x1,5-B	2 d ₂
	3 Type



3.1

3.2

3.3

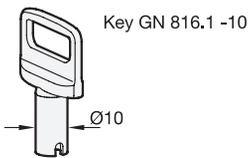
3.4

3.5

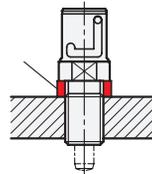
Version with key (Type B / Type BK)

3.6

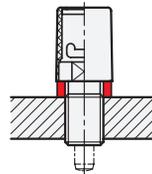
Assembly instruction



Distance bushing GN 609.5



Screw in threaded socket



Clip in cover sleeve

3.7

3.8

3.9

