

SS Stainless Steel

- 4 Type**
- B** Non lock-out, without lock nut
 - BK** Non lock-out, with lock nut
 - C** Lock-out, without lock nut
 - CK** Lock-out, with lock nut

Metric table

1 b ₁	2 l ₁	b ₂	3 d ₁ Pin -0.02 Bore H8	d ₂	d ₃	k	l ₂	l ₃	l ₄	l ₅	A/F ₁	A/F ₂	Spring load ≈	
													Initial	End
5 0.20	5 0.20	2.5 0.10	7 0.2756	M 12 x 1.5	23 0.91	20 0.79	51.3 2.02	20 0.79	11.3 0.44	1 0.04	17 0.67	2 0.08	9 N 2.02 lbf	18 N 4.05 lbf
6 0.24	6 0.24	3 0.12	8 0.3150	M 16 x 1.5	28 1.10	24 0.94	61.5 2.42	24 0.94	13.5 0.53	1.2 0.05	22 0.87	2 0.08	13 N 2.92 lbf	23 N 5.17 lbf
8 0.31	7.5 0.30	4 0.16	10 0.3937	M 16 x 1.5	28 1.10	24 0.94	61.5 2.42	24 0.94	13.5 0.53	1 0.04	22 0.87	2 0.08	15 N 3.37 lbf	31 N 6.97 lbf
9 0.35	8.5 0.34	4.5 0.18	12 0.4724	M 20 x 1.5	33 1.30	28 1.10	72.8 2.87	30 1.18	14.8 0.58	1 0.04	24 0.94	2 0.08	19 N 4.27 lbf	34 N 7.64 lbf

Dimensions in: millimeters - inches

Specification

- Threaded body
Stainless steel AISI 303 **NI**
- Plunger pin
Stainless steel AISI 431, hardened
- Knob
Plastic
Technopolymer (Polyamide PA)
- Black, matte finish
- Not removable
- Set screw DIN 916
Stainless steel AISI 304
- Spring
Stainless steel AISI 301
- Hex nut ISO 8675
Stainless steel AISI 304
- ISO Fundamental Tolerances → page XYZ
- Plastic Characteristics → page XYZ
- Stainless Steel Characteristics → page XYZ
- RoHS compliant

Accessory

- Spacer bushings GN 609.5 → page XYZ

Information

Indexing plungers GN 824 have a plunger pin with square cross-section, a latching surface on one side and a chamfer on the other. When the object to be secured moves towards the chamfer, the plunger pin is pushed back into the guide, allowing grooves and edges to pass over the pin. The latching can be released by pulling the knob.

Indexing plunger latch mechanisms with lock-out (type C / CK) are used for applications when the plunger pin is temporarily not to engage. In that case, the knob is retracted and afterwards turned by 90°. A notch keeps the plunger in this position.

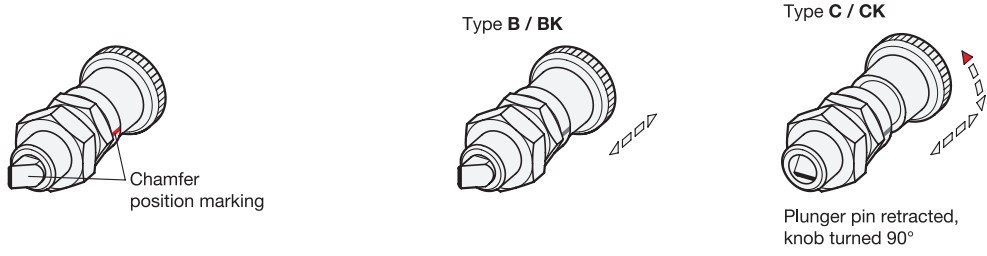
When the set screw is not tightened, the orientation of the bevel can be freely adjusted over a range of 360°. This can be identified by the marking on the indexing plunger guide.

see also...

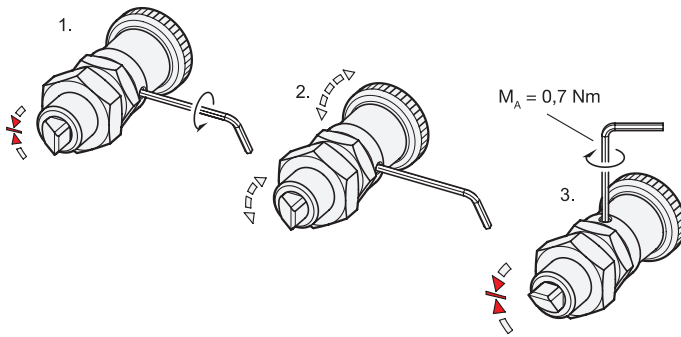
- List of Indexing Plunger Types → page XYZ
- Indexing Plunger GN 817 (without Chamfered Pin) → page XYZ
- Indexing Plunger GN 617 (without Chamfered Pin) → page XYZ

How to order	
1	Width b ₁
2	Length l ₁
3	Thread d ₂
4	Type
5	Material

GN 824-8-7.5-M16x1.5-CK-NI



Assembly Instruction



The position of the latching surface can be freely adjusted by 360°.

Installation steps:

1. Loosen the set screw with a hex key.
2. Turn the knob to move the latching surface in the desired position.
3. Tighten the set screw with a hex key.

Application Examples

