

Metric



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

Dimensions in: millimeters / inches														
b ₁	l ₁	b ₂	d ₁ <small>-0.02 Pin -0.04 Bore H8</small>	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	1.2 0.05	22 0.87	2 0.08	15 N 3.37 lbf	31 N 6.97 lbf
9 0.35	8.5 0.33	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	1.2 0.05	24 0.94	2 0.08	19 N 4.27 lbf	34 N 7.64 lbf

Specification

Guide	Stainless steel AISI 303	NI
Plunger pin	Stainless steel AISI 431, hardened	
Knob	Plastic, Polyamide (PA) • Black, matte finish • Not removable	
Set screw DIN 916	Stainless steel AISI 304	
Spring	Stainless steel	
Hex nut ISO 8675	Stainless steel AISI 304	

Technical Information	Page
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

Accessory	
GN 609.5 Spacer Bushings	QVX

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 moving in the direction of the chamfered pin, the plunger pin passes over grooves and edges, as the chamfered pin moves the plunger pin into the guide. The plunger pin automatically latches into place when moved toward the latching surface. The latching can be released by pulling the knob.

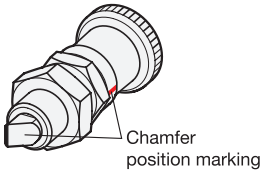
Indexing plunger latch mechanisms with lock-out (type C / CK) are used for applications when the plunger pin is temporarily not to engage. In that case, the knob is retracted and afterwards turned by 90°. A notch keeps the plunger in this position.

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.

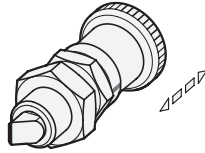
see also...	Page
List of Indexing Plunger Types	QVX
GN 817 Indexing Plungers (without Chamfered Pin)	QVX
GN 617 Indexing Plungers (without Chamfered Pin)	QVX

How to order	
1	Width b₁
2	Length l₁
3	Thread d₂
4	Type
5	Material
GN 824-8-7.5-M16x1.5-CK-NI	

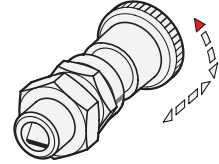
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3.9
3.10



Type B / BK

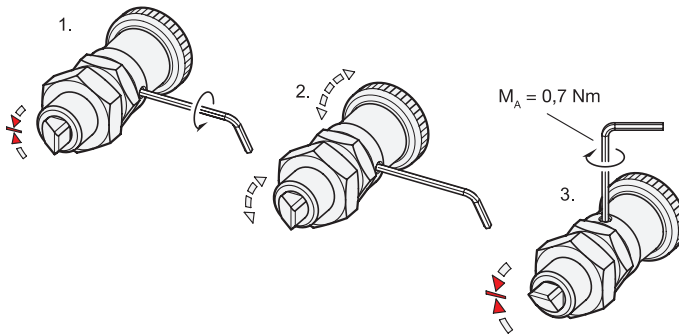


Type C / CK



Plunger pin retracted,
knob turned 90°

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

