



2 Type
A Without lock nut
AK With lock nut

Metric table

Dimensions in: millimeters - inches

d ₁ Pin Pin $_{-0.02}^{-0.05}$ Bore H7	d ₂ Thread	d ₃	e	l ₁	l ₂	l ₃	l ₄	l ₅	A/F	w ₁	w ₂	Spring load ≈	
												Initial	End
6 .24	M 12 x 1.5	19 .75	15 .59	6 .24	38 1.50	20 .79	44.5 1.75	9 .35	13 .51	3 .12	9 .35	8.5 N 1.91 lbf	25 N 5.62 lbf
8 .31	M 16 x 1.5	25 .98	19 .75	8 .31	46 1.81	26 1.02	54.5 2.15	11 .43	17 .67	3 .12	11 .43	18 N 4.05 lbf	44 N 9.89 lbf

Specification

- Threaded body
Steel
- Nitrided
- Blackened finish
- Knob
Plastic
Technopolymer (Polyamide PA)
- Temperature resistant up to 194 °F (90 °C)
- Black, matte finish
- Lock nut
Steel, blackened finish
DIN 439 B / ISO 8675
- RoHS compliant

Information

The plunger pin of the GN 514 locking indexing plunger is moved by means of a spring-operated so-called cardioid mechanism.

This mechanism means that the plunger pin is both extended and retracted alone by pressing the operating button (PUSH-PUSH locking mechanism).

Please note that the plunger pin cannot absorb any axial forces and that it retracts virtually by spring action; the plunger pin must therefore remain free and easy to move.

Installation can also be done by using a spacer bushing instead of the lock nut.

see also...

- List of Indexing Plunger Types
- Spacer Bushings GN 609.5 (to Limit the Thread Length)
- Locating Bushings GN 412.2 / GN 412.4
- Thin Hexagon Nuts GN 909 / GN 909.5

<p>How to order</p> <p>GN 514-8-A</p>	1 Pin diameter d ₁
	2 Type