



Metric table

Dimensions in: millimeters - inches

d ₁ Pin -0.02 Bore H7	l ₁	b ₁	b ₂	d ₂ -0.02 -0.1	d ₃	d ₄	d ₅	k	l ₂	l ₃ -0.15	l ₄	l ₅ Stroke	Spring load ≈		Axial load
													Initial	End	
6 .24	6 .24	40 1.57	18 .71	10 .39	25 .98	4.3 .17	8.3 .33	30 1.18	37 1.46	2.5 .10	4.5 .18	6 .24	9 N 2.02 lbf	25 N 5.62 lbf	400 N 89.92 lbf
6 .24	14 .55	40 1.57	18 .71	10 .39	25 .98	4.3 .17	8.3 .33	30 1.18	45 1.77	2.5 .10	4.5 .18	6 .24	9 N 2.02 lbf	25 N 5.62 lbf	400 N 89.92 lbf
8 .31	8 .31	46 1.81	20 .79	12 .47	31 1.22	5.3 .21	10.4 .41	34 1.34	44 1.73	2.5 .10	5.5 .22	8 .31	13 N 2.92 lbf	26 N 5.85 lbf	500 N 112 lbf
8 .31	18 .71	46 1.81	20 .79	12 .47	31 1.22	5.3 .21	10.4 .41	34 1.34	54 2.13	2.5 .10	5.5 .22	8 .31	13 N 2.92 lbf	26 N 5.85 lbf	500 N 112 lbf

Specification

- Mounting plate
Zinc die-cast
Zinc plated, blue passivated finish
- Knob
Plastic
Technopolymer (Polyamide PA)
- Temperature resistant up to 230 °F (110 °C)
- Black, matte finish
- Not removable
- **GN 608.1**
- Plunger pin
Steel, hardened
- Single components
Steel
- **GN 608.6**
- Plunger pin
Stainless steel
European Standard No. 1.4305 (AISI 303)
Chemically nickel plated
- Single components
Stainless steel
- RoHS compliant

Information

GN 608.1 and GN 608.6 indexing plungers are used in applications that require surface mounting, and the plunger pin needs to stay in its retracted position.

To achieve this, the knob is rotated by 90 degrees after being retracted. A notch keeps the plunger in the retracted position.

These series have been expanded with additional plunger pin lengths to widen the application opportunities. Please note that for these longer pin lengths (d₁ = 6 mm, l₁ = 14 mm / d₁ = 8 mm, l₁ = 18 mm), the pin does not fully retract.

see also...

- List of Indexing Plunger Types
- Locating Bushings GN 412.2 / GN 412.4
- Locating Bushings with Cone GN 412.3 / GN 412.5
- Indexing Plungers GN 817.1 (Lock-Out / Non Lock-Out)
- Mini Indexing Plungers GN 822.8 (Lock-Out / Non Lock-Out)

How to order (Steel plunger pin)	1	Pin diameter d ₁
	2	Length l ₁
GN 608.1-8-8		

How to order (Stainless steel plunger pin)	1	Pin diameter d ₁
	2	Length l ₁
GN 608.6-6-14		