



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 0.24	6 0.24	40 1.57	18 0.71	10 0.39	25 0.98	4.3 0.17	8.3 0.33	30 1.18	37 1.46	2.5 0.10	4.5 0.18	6 0.24	9 N 2.02 lbf	25 N 5.62 lbf	400 N 89.92 lbf
6 0.24	14 0.55	40 1.57	18 0.71	10 0.39	25 0.98	4.3 0.17	8.3 0.33	30 1.18	45 1.77	2.5 0.10	4.5 0.18	6 0.24	9 N 2.02 lbf	25 N 5.62 lbf	400 N 89.92 lbf
8 0.31	8 0.31	46 1.81	20 0.79	12 0.47	31 1.22	5.3 0.21	10.4 0.41	34 1.34	44 1.73	2.5 0.10	5.5 0.22	8 0.31	13 N 2.92 lbf	26 N 5.85 lbf	500 N 112 lbf
8 0.31	18 0.71	46 1.81	20 0.79	12 0.47	31 1.22	5.3 0.21	10.4 0.41	34 1.34	54 2.13	2.5 0.10	5.5 0.22	8 0.31	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**
- Plunger pin
Steel, hardened
- Single components
Steel
- **GN 608.5**
- Plunger pin
Stainless steel AISI 303
Chemically nickel plated
- Single components
Stainless steel
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

- GN 608 and GN 608.5 indexing plungers are used in applications that require surface mounting. 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 → page 915
 - Locating Bushings GN 412.2 / GN 412.4 → page 996
 - Locating Bushings with Tapered Flange GN 412.3 / GN 412.5 → page 997
 - Indexing Plungers GN 817.1 (Lock-Out / Non Lock-Out) → page 947
 - Mini Indexing Plungers GN 822.8 (Lock-Out / Non Lock-Out) → page 972

How to order (Steel plunger pin) 1 2 GN 608-8-18	1 Pin diameter d ₁
	2 Length l ₁
How to order (Stainless steel plunger pin) 1 2 GN 608.5-6-14	1 Pin diameter d ₁
	2 Length l ₁