



Metric table

Dimensions in: millimeters - inches

d ₁ Pin -0.02 -0.05 Bore H7	b	d ₂	d ₃	e ≈	l ₁	l ₂ ±0.5	l ₃ -0.15	l ₄	l ₅	A/F	Spring load ≈		Stainless steel		Axial load
											Steel Initial	End	Initial	End	
6 0.24	4 0.16	M 12 x 1.5	25 0.98	19.6 0.77	45 1.77	6 0.24	10 0.39	5 0.20	3 0.12	17 0.67	11 N 2.47 lbf	28 N 6.29 lbf	9 N 2.02 lbf	25 N 5.62 lbf	400 N 89.92 lbf
8 0.31	4.5 0.18	M 16 x 1.5	31 1.22	21.9 0.86	54 2.13	8 0.31	12 0.47	6 0.24	3 0.12	19 0.75	15 N 3.37 lbf	29 N 6.52 lbf	13 N 2.92 lbf	26 N 5.85 lbf	500 N 112 lbf

Specification

- Threaded body
 - Steel, blackened finish **ST**
 - Plunger pin hardened
 - Stainless steel AISI 303 **NI**
 - Plunger pin chemically nickel plated
- Knob
 - Plastic
 - Technopolymer (Polyamide PA)
 - Temperature resistant up to 230 °F (110 °C)
 - Black, matte finish
 - Not removable
- Lock nut
 - Thin hex nut GN 909 / GN 909.5
 - page 995
 - Steel, blackened finish
 - Stainless steel AISI 303
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

GN 607.1 short indexing plungers with lock-out are used for applications where 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.

The extremely thin GN 909 / GN 909.5 lock nuts increase the mounting options.

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
- Spacer Bushings GN 609.5 (to Limit the Thread Length) → page 994

How to order	
GN 607.1-6-A-ST	1 Pin diameter d ₁
	2 Type
	3 Material

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10