



**Metric table**

Dimensions in: millimeters - inches

d <sub>1</sub> Pin Pin $-0.02$ $-0.05$ Bore H7	b	d <sub>2</sub>	d <sub>3</sub>	e ≈	l <sub>1</sub>	l <sub>2</sub> ±0.5	l <sub>3</sub> -0.15	l <sub>4</sub>	l <sub>5</sub>	A/F	Spring load ≈				Axial load
											Steel Initial	End	Stainless steel 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
  - Plunger pin hardened
  - Thin hex nut GN 909
  - Stainless steel AISI 303
  - Plunger pin chemically nickel plated
  - Thin hex nut GN 909.5
- 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 short indexing plungers are standard units used for a wide range of indexing applications where the threaded body needs to be reduced to a minimum.  
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	1 Pin diameter d <sub>1</sub>
<b>GN 607-8-AK-ST</b>	2 Type
	3 Material