



2 Type
A With knob
G With threaded stem

Metric table

Dimensions in: millimeters - inches

| d ₁ Pin -0.02 -0.05 Bore G7 | d ₂ h9 | d ₃ | d ₄ Thread | l ₁ ≈ | l ₂ | l ₃ | l ₄ | l ₅ | Spring load ≈ | |
|--|-------------------|----------------|--------------------------|------------------|----------------|----------------|----------------|----------------|------------------|------------------|
| | | | | | | | | | Initial | End |
| 5 0.20 | 12 0.47 | 21 0.83 | M 5 | 45 1.77 | 5 0.20 | 22 0.87 | 6 0.24 | 4.5 0.18 | 7 N 1.57 lbf | 17 N 3.82 lbf |
| 6 0.24 | 14 0.55 | 25 0.98 | M 6 | 54.5 2.15 | 6 0.24 | 26 1.02 | 10 0.39 | 8 0.31 | 9 N 2.02 lbf | 24 N 5.40 lbf |
| 8 0.31 | 18 0.71 | 31 1.22 | M 8 | 69 2.72 | 8 0.31 | 34 1.34 | 12 0.47 | 10 0.39 | 11 N 2.47 lbf | 30 N 6.74 lbf |

Specification

- Body
Steel
- Weldable
- Blackened finish
- Plunger pin
Steel, hardened
- Knob
Plastic
Technopolymer (Polyamide PA)
- Temperature resistant up to 230 °F (110 °C)
- Black, matte finish
- Not removable
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- Plastic Characteristics → page 2135
- RoHS compliant

Information

GN 618 indexing plungers without thread are for applications where welding or resin bonding is favored. Type G with threaded stem is for applications where a special knob or attachment is required, or for such cases where the spindle is linked directly to an operating mechanism.

see also...

- List of Indexing Plunger Types → page 915
- Locating Bushings GN 412.2 → page 996

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|---|---|-----------------------------|
| <p>How to order</p> <p>GN618-8-A</p> | 1 | Pin diameter d ₁ |
| | 2 | Type |