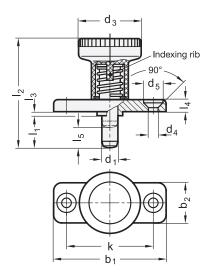
### **GN 608.6**

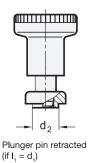
Stainless Steel Plunger Pin

# **Indexing Plungers**

Lock-Out, Plate Mount









Dimensions in: millimeters - inches

# Metric table

U	2

•	•														
<b>d</b> <sub>1</sub> Pin <sup>-0.02</sup> <sub>-0.05</sub>	I <sub>1</sub>	b <sub>1</sub>	b <sub>2</sub>	<b>d</b> <sub>2</sub> <sup>-0.02</sup> <sub>-0.1</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	k	l <sub>2</sub>	<b>I</b> <sub>3</sub> -0.15	14	l <sub>5</sub> Stroke	Spring load ≈		Axial load
Bore H7													Initial	End	
6	6	40	18	10	25	4.3	8.3	30	37	2.5	4.5	6	9 N	25 N	400 N
.24	.24	1.57	.71	.39	.98	.17	.33	1.18	1.46	.10	.18	.24	2.02 lbf	5.62 lbf	89.92 lbf
6	14	40	18	10	25	4.3	8.3	30	45	2.5	4.5	6	9 N	25 N	400 N
.24	.55	1.57	.71	.39	.98	.17	.33	1.18	1.77	.10	.18	.24	2.02 lbf	5.62 lbf	89.92 lbf
8	8	46	20	12	31	5.3	10.4	34	44	2.5	5.5	8	13 N	26 N	500 N
.31	.31	1.81	.79	.47	1.22	.21	.41	1.34	1.73	.10	.22	.31	2.92 lbf	5.85 lbf	112 lbf
8	18	46	20	12	31	5.3	10.4	34	54	2.5	5.5	8	13 N	26 N	500 N

## **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.

2.92 lbf

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 ( $d_1 = 6 \text{ mm}$ ,  $l_1 = 14 \text{ mm}$  /  $d_1 = 8 \text{ mm}$ ,  $I_1 = 18$  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 <sub>1</sub>			
GN 608.1-8-8	2	Length I <sub>1</sub>			
How to order (Stainless steel plunger pin)	1	Pin diameter d₁			
GN 608.6-6-14	2	Length I <sub>1</sub>			