# **Indexing Plungers**

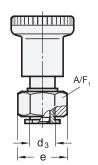
Indexing rib

Hex A/F,

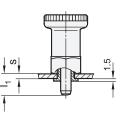
for Installation in Thin Walled Equipment, with Rest Position



Plunger pin retracted



Assembly instruction





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<b>d<sub>1</sub></b> Pin -0,02 Bore H7	I <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	е	l <sub>2</sub>	I <sub>3</sub>	I <sub>4</sub> Stroke	<b>s</b> Clamping distance	A/F <sub>1</sub>	A/F <sub>2</sub>	Spring Io	oad in N ≈ End	Axial load
6	8,5	25	10	19,5	34	10	6	1 3	17	14	10	24	400
6	10,5	25	10	19,5	34	10	6	3 5	17	14	10	24	400
8	10	31	12	22	40	12	7,5	1 5	19	16	13	23	500
8	12	31	12	22	40	12	7,5	3 5	19	16	13	23	500

## Specification

- Guide Steel Zinc plated, blue passivated
- Plunger pin
   Stainless steel AISI 303
   Chemically nickel plated
- Chemically nickel plated

  Knob
- Plastic (Polyamide PA)
  - Black, matte finish
  - Not removable
- Load Rating Information → Page 2132
- ISO Fundamental Tolerances → Page 2151
- Plastic Characteristics → Page 2158
- Stainless Steel Characteristics → Page 2166
- RoHS

## Accessory

 Double Ring Spanner GN 607.9-SW14-SW16 as mounting tool



#### Information

ST

Indexing plungers GN 607.3 have been developed for installation in thin walled equipment.

It has to be taken into consideration that, depending on the mounting plate thickness ,s', the protruding plunger length , $l_1$ ' and the position of the hexagon nut on its centre bushing, the plunger nose might not always be fully retractable.

For design reasons the positional accuracy of this indexing plunger is not as precise as plunger GN 607.

Indexing plungers with rest position are used for such applications where the plunger pin has 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 this position.

### see also...

- List of Indexing Plunger Types → Page 884 ff.
- Positioning Bushings GN 412.2 / GN 412.4 → Page 954
- Positioning Bushings with Ramping Cone GN 412.3 / GN 412.5

→ Page 955

How to order	1	d <sub>1</sub>
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GN 607.3-8-10-ST	3	Material