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Index Plungers • with hexagon collar, short
EH 22120.



Product Description

Index plungers are used in indexing bores and serve for secure locking and precise positioning. Components can be reliably positioned or released without the use of additional tools. This enables fast, repeatable positioning and ensures a high level of process reliability.
Index plungers are used wherever components need to be positioned or locked quickly, safely and precisely. Typical applications include mechanical and plant engineering, fixture and tool construction, as well as assembly and production technology. They also ensure smooth operation in transport and packaging systems.
This version of the index plunger is designed with compact dimensions.

Material

Body
- Free cutting steel, blackened
- Stainless steel 1.4305

Locking pin
- Steel, hardened
- Stainless steel 1.4305, nickel-plated

Knob
- Thermoplastic PA 6, black, dull

Assembly

The screw length can be adapted by distance collars (EH 22120.).

Operation

When using the locking version, the knob is pulled-out, turned 90° and secured by a notched catch (when locking pin should not overhang).

More information

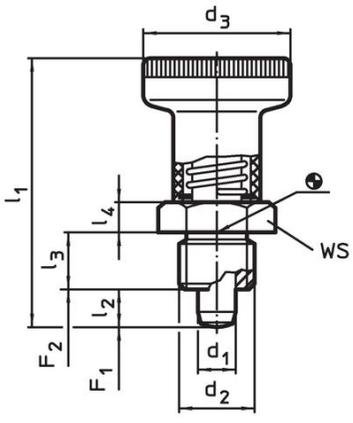
Notes

Knob not removable.
Lock nuts have to be purchased separately.

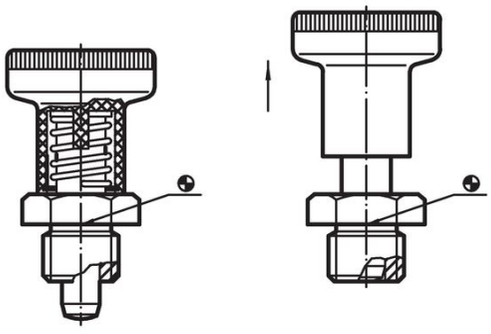
Further products

- Locating Bushings, for index bolts and index plungers
- Distance Collars, for index plungers
- Lock nuts ISO 8675 (DIN 439), for index bolts and index plungers

Drawing



picture 1



picture 2 with locking

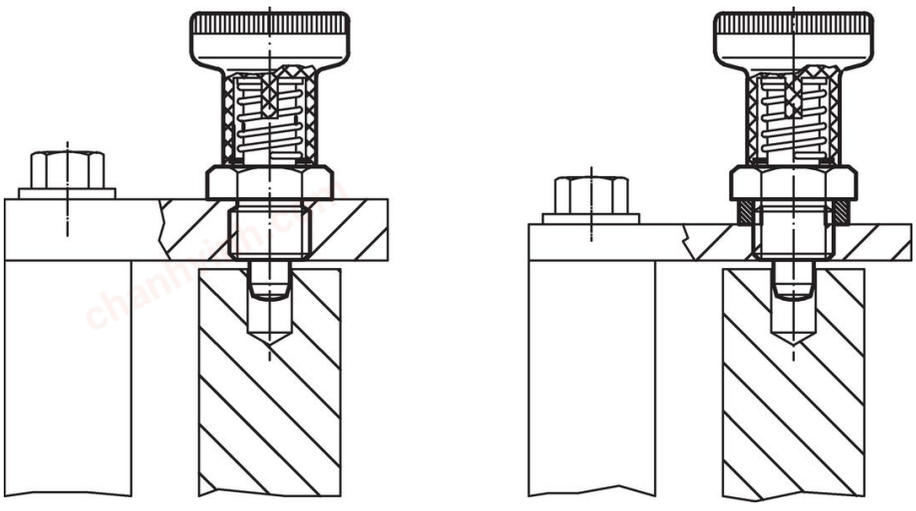
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Order information

Dimensions							WS	Spring load[1]					Art. No.
d_1 -0.02 -0.05	d_2	d_3	l_1 ~	l_2 min.	l_3 -0.15	l_4		F_1 ~	F_2 ~	min.	max.		
[mm]							[mm]	[N]		[°C]		[g]	
without locking – picture 1, Free cutting steel													
6	M12 x 1,5	25	45	6	10	5	17	7	19	-30	80	35	22120.0226
8	M16 x 1,5	31	54	8	12	6	19	14	24	-30	80	62	22120.0228
with locking – picture 2, Free cutting steel													
6	M12 x 1,5	25	45	6	10	5	17	7	19	-30	80	35	22120.0236
8	M16 x 1,5	31	54	8	12	6	19	14	24	-30	80	60	22120.0238
without locking – picture 1, Stainless steel													
6	M12 x 1,5	25	45	6	10	5	17	7	19	-30	80	35	22120.0246
8	M16 x 1,5	31	54	8	12	6	19	14	24	-30	80	61	22120.0248
with locking – picture 2, Stainless steel													
6	M12 x 1,5	25	45	6	10	5	17	7	19	-30	80	34	22120.0256
8	M16 x 1,5	31	54	8	12	6	19	14	24	-30	80	60	22120.0258

[1] statistical average value

Application example



Compliance

For detailed compliance information please select the desired article number.