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Index Plungers • with rapid locking head

EH 22122.



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 index plunger is equipped with a rapid locking head.

Material

Body
- Steel, blackened
- Stainless steel 1.4305

Press button
- Thermoplastic POM, red

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

Knob
- Thermoplastic PA 6, black-grey, matt

Assembly

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

Operation

The locking pin is drawn in and locked by pulling the knob. The projecting red press button indicates the locking position (locking pin drawn in). Pushing the red press button causes the locking pin to jump back into the locking position.

More information

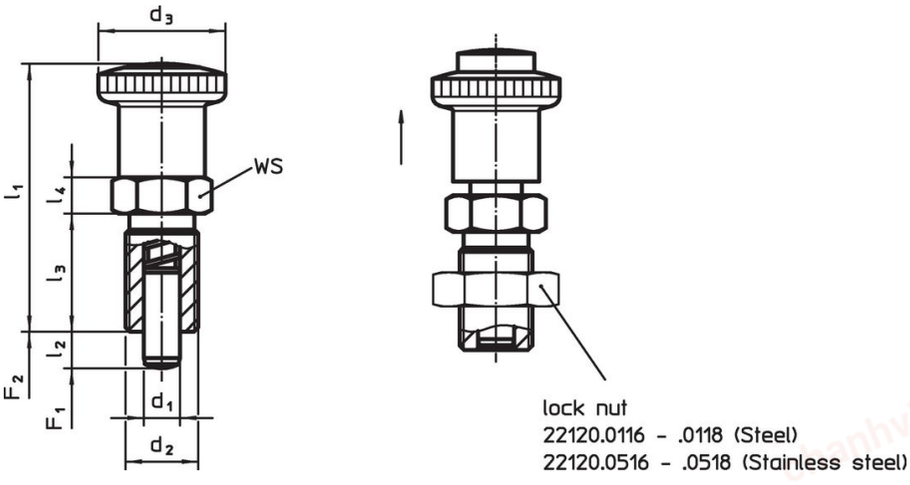
Notes

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
- Mounting Blocks, for index bolts and index plungers
- Lock nuts ISO 8675 (DIN 439), for index bolts and index plungers

Drawing



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Order information

Dimensions							WS	Spring load[1]					Art. No.
d_1 -0.02 -0.04	d_2	l_2 min.	d_3	l_1 ~	l_3	l_4		F_1 ~	F_2 ~	min.	max.		
[mm]							[mm]	[N]		[°C]		[g]	
Steel													
6	**M12 x 1,5**	**6**	30	53.5	22	6	19	6.5	19	-30	80	49	22122.0205
6	**M12 x 1,5**	**9**	30	53.5	22	6	19	6.0	25	-30	80	49	22122.0210
8	**M16 x 1,5**	**8**	30	59.5	26	8	19	8.5	26	-30	80	75	22122.0215
8	**M16 x 1,5**	**12**	30	59.5	26	8	19	8.5	28	-30	80	78	22122.0220
10	**M16 x 1,5**	**12**	30	59.5	26	8	19	9.5	38	-30	80	79	22122.0225
Stainless steel													
6	**M12 x 1,5**	**6**	30	53.5	22	6	19	6.5	19	-30	80	48	22122.0305
6	**M12 x 1,5**	**9**	30	53.5	22	6	19	6.0	25	-30	80	50	22122.0310
8	**M16 x 1,5**	**8**	30	59.5	26	8	19	8.5	26	-30	80	75	22122.0315
8	**M16 x 1,5**	**12**	30	59.5	26	8	19	8.5	28	-30	80	78	22122.0320
10	**M16 x 1,5**	**12**	30	59.5	26	8	19	9.5	38	-30	80	79	22122.0325

[1] statistical average value

Compliance

For detailed compliance information please select the desired article number.