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Index Plungers • with hexagon collar and locking
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.

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

The knob is pulled-out, turned 90° and secured by an internal detent groove (when locking pin should not overhang).

More information

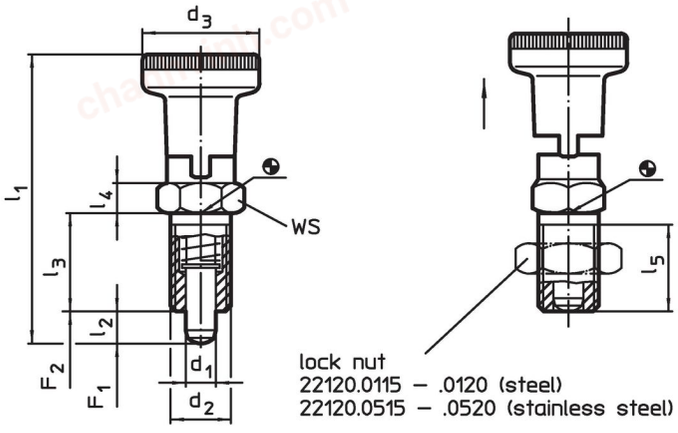
Notes

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

Further products

- Mounting Blocks, for index bolts and index plungers, die-cast
- 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



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	l_4	l_5 min.		F_1 ~	F_2 ~	min.	max.		
[mm]								[mm]	[N]		[°C]		[g]	
Free cutting steel														
5	M10 x 1	21	51.0	5	17	5	15	12	6.0	14	-30	80	21	22120.0205
6	M12 x 1,5	25	61.0	6	20	6	17	14	6.5	19	-30	80	36	22120.0206
8	M16 x 1,5	31	75.5	7	26	8	23	19	11.5	28	-30	80	79	22120.0208
10	M20 x 1,5	31	91.0	10	33	10	30	22	28.0	54	-30	80	134	22120.0210

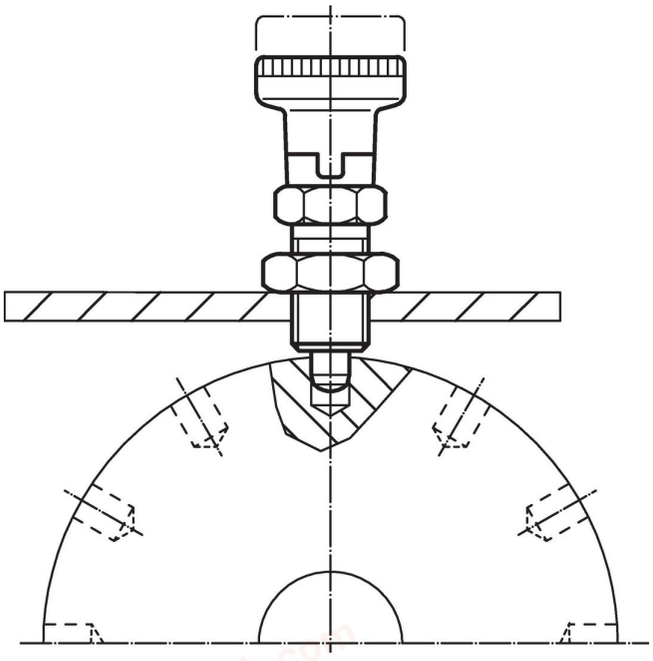
[1] statistical average value

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Stainless steel														
5	M10 x 1	21	51.0	5	17	5	15	12	6.0	14	-30	80	22	22120.0605
6	M12 x 1,5	25	61.0	6	20	6	17	14	6.5	19	-30	80	36	22120.0606
8	M16 x 1,5	31	75.5	7	26	8	23	19	11.5	28	-30	80	79	22120.0608
10	M20 x 1,5	31	91.0	10	33	10	30	22	28.0	54	-30	80	134	22120.0610

[1] statistical average value

Application example



Compliance

For detailed compliance information please select the desired article number.