Precision Index Plungers · with cylindrical pin
22130.0020

Product Description

Precision index plungers together with bushings are a perfect combination for quick positioning and mounting.
The precise tolerance of both, the precision index plunger and the bushing, guarantees a high repeatability of these two elements.

Material

Pin
• Case-hardened steel, case-hardened, blackened and ground

Bushing
• Case-hardened steel, case-hardened, blackened and ground

Body
• Case-hardened steel, case-hardened, blackened and ground

Ball knob
• Thermoplastic, greyish black

Assembly

For precise adjustment, the grip ball and plunger should be glued grease-free after assembly. Detailed assembly instructions can be downloaded as a PDF file under "Documents".
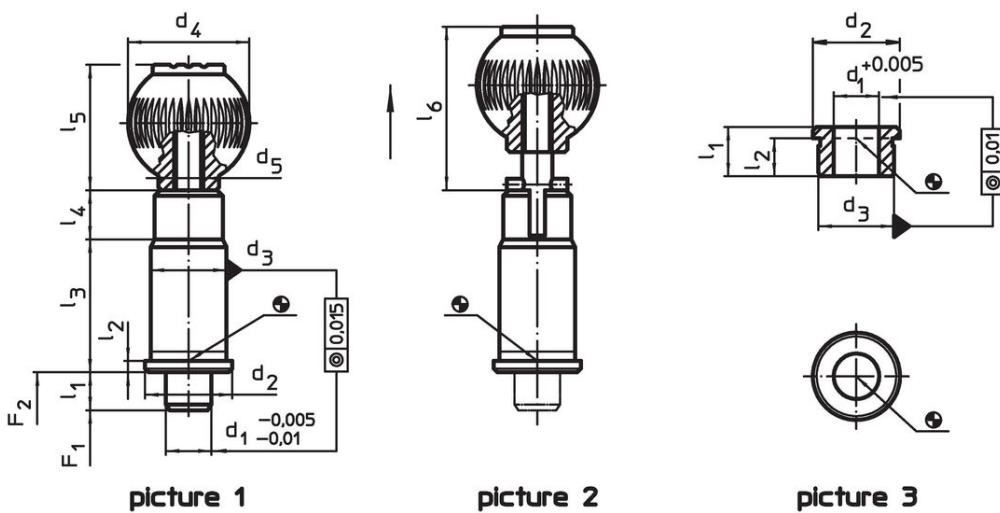
Operation

When using locking index plungers the knob is pulled out and turned 90°.

More information

Notes
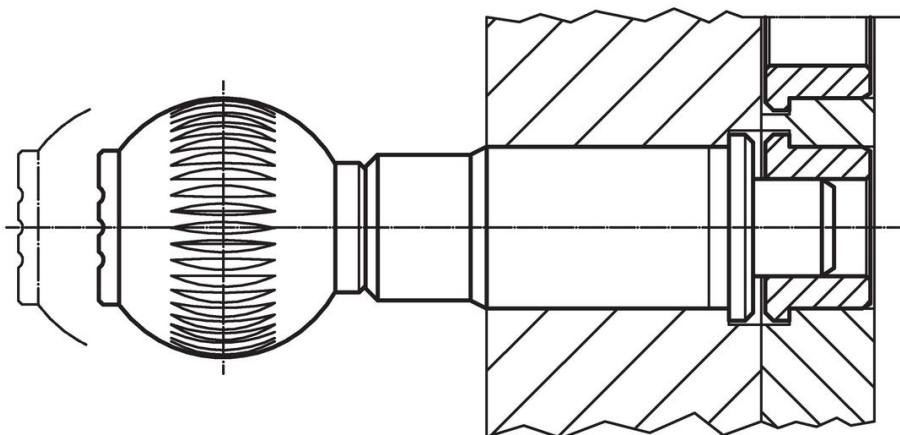
Bushings must be ordered separately.

Drawing

picture 1   picture 2   picture 3

HALDER

Order information

d₁ -0.005 -0.01	d₂	d₃ n6	d₄	d₅	l₁ min.	l₂	l₃	l₄	l₅	F₁ ~	F₂ ~		Art. No.
					Dimensions					**Spring load[1]**			
					[mm]					[N]		[g]	
without locking – picture 1													
20	33	30	40	M10	10	3	50	13	41.5	36	63	350	**22130.0020**

[1] statistical average value

Accessories

	d₁ +0.005	d₂	d₃ n6	l₁ min.	l₂		Art. No.
			Dimensions				
			[mm]			[g]	
socket for precision index plungers, cylindrical – picture 3							
	20	33	30	16	13.0	51	**22130.0094**

Application example

Compliance

RoHS compliant
Contains lead - compliant according to exceptions 6a / 6b / 6c.

Contains SVHC substances >0,1% w/w
Contains lead - SVHC list [REACH] as of 27.06.2024.

Contains Proposition 65 substances

⚠️

Lead can cause cancer and reproductive harm from exposure
https://www.P65Warnings.ca.gov/

Free from Conflict Minerals
This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.