Lateral Plungers · smooth, without seal 22150.0030



Product Description

To be used for positioning and applying pressure, e.g. during painting and sandblasting.

Material

Body

Aluminium AI

Spring

· Stainless steel

Pin

• Steel, case-hardened, zinc-plated by galvanization

Assembly

Installation by pressing in. Formula for calculating the center distance for the mounting hole: $I_0 = z/2 + w + x$, I_0 = center distance, y = workpiece height, w = workpiece length, x = coordinate dimension, s = stroke, z = stop diameter Calculation dimension x: y greater than or equal to I_2 - $d_2/2$, then $x = d_2/2 - s$ (value x for this case see table) or y smaller than $I_2 - d_2/2$, then $x = d_2/2 - s - [(I_2 - d_2/2 - y) * 0,123]$

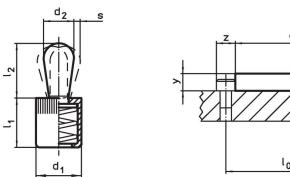
Characteristic

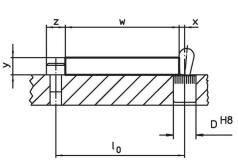
Version light spring load = spring from stainless steel

More information

- **Further products**
- · Eccentric Mounting Bushings, for lateral plungers, smooth

Drawing





Order information

Dimensions		Spring load	Dimensions		Stroke	Location hole	x ²⁾		Ĭ	Art. No.	
d1	d ₂	F max. ¹⁾ ~	Ι ₁ -1	Ι ₂ ±0.5	S	D H8		max.			
[mm]		[N]	[m	m]	[mm]	[mm]	[mm]	[°C]	[g]		
Pin: Steel/pin from steel, light spring load											
12	8	50	13.5	13.6	1.3	12	2.7	250	6.8	22150.0030	

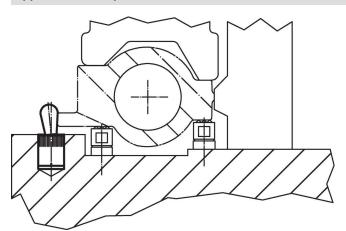
1) statistical average value

²⁾ If the workpiece height (y) is less than I2-d2/2, the coordinate dimension (x) must be calculated.

Accessories

	Dimensions d ₁	Ă	Art. No.						
	[mm]	[9]							
assembly tool									
	12	86	22150.0832						

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.