Lateral Plungers • smooth, with seal 22150.0141



Product Description

To be used for positioning and applying pressure, e.g. during painting and sandblasting. Sealed against chips and dirt.

Material

Seal • CR

Body

Aluminium Al

Spring

Steel, blackened

Pin

Steel, case-hardened, zinc-plated by galvanization

Assembly

Installation by pressing in. Formula for calculating the center distance for the mounting hole: $I_0 = z/2 + w + x$, I₀ = 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 $x = d_2/2 - s$ or y smaller than $I_2 - d_2/2$, then $x = d_2/2 - s - [(I_2 - d_2/2 - y) * 0,123]$

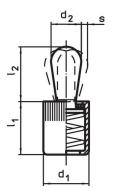
Characteristic

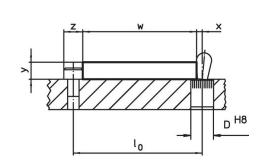
Version standard spring load = spring from steel, blackened

More information

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

Drawing





Order information

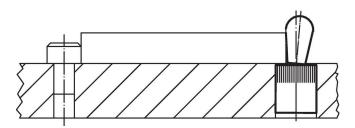
Dimens	ensions Spring lo		Dimensions		Stroke	Location hole		Ĩ.	Art. No.		
d1	d ₂	F max. ¹⁾ ~	Ι ₁ -2	Ι 2 ±0.5	S	D H8	max.				
[mm] [N		[N]	[mm]		[mm]	[mm]	[°C]	[g]			
Pin: Steel/pin from steel, standard spring load											
16	10	150	18.5	16.4	3.2	16	110	15	22150.0141		

1) statistical average value

Accessories

	Dimensions d ₁	Ĭ	Art. No.
assembly tool	[mm]	[9]	
	16	105	22150.0833

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 23.01.2024.

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.