Lateral Plungers • smooth, with seal 22150.0142



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 AI

Spring

Steel, zinc-plated by galvanization

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 = $d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$

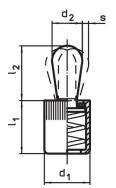
Characteristic

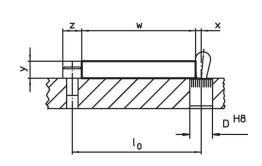
Version heavy spring load = spring from steel, zinc-plated by galvanization

More information

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

Drawing





Order information

Dimens d ₁	sions d ₂	Spring load F max. ¹⁾	Dimer I ₁ -2	nsions I ₂ ±0.5	Stroke s	Location hole D H8	x ²⁾) max.	Ĭ.	Art. No.		
[mn	n]	~ [N]	_	m]	[mm]	[mm]	[mm]	[°C]	[g]			
Pin: Steel/pin from steel, heavy spring load												
16	10	200	18.5	16.4	1.6	16	3.1	110	16	22150.0142		

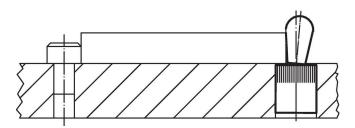
¹⁾ statistical average value

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

Accessories

	Dimensions	H	Art. No.						
	d ₁	_							
	[mm]	[9]							
assembly tool									
	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.