# 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:  $I_0 = z/2 + w + x$ , I<sub>0</sub> = 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 =  $d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$ 

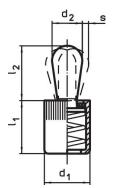
#### Characteristic

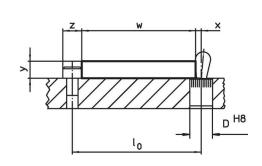
Version heavy spring load = spring from steel, zinc-plated by galvanization

#### More information

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

### Drawing





## Order information

Dimens d <sub>1</sub>	sions d <sub>2</sub>	Spring load F max. <sup>1)</sup>	Dimer I <sub>1</sub> -2	nsions I <sub>2</sub> ±0.5	Stroke s	Location hole D H8	<b>x</b> <sup>2)</sup>	) 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		

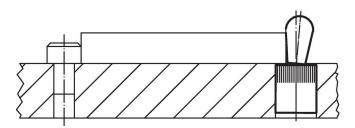
<sup>1)</sup> statistical average value

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

### Accessories

	Dimensions	<b>H</b>	Art. No.						
	d <sub>1</sub>	_							
	[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.