# 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  $x = d_2/2 - s - [(I_2 - d_2/2 - y) * 0,123]$ 

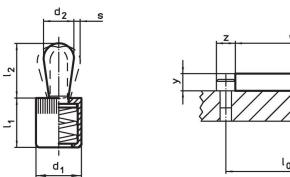
#### Characteristic

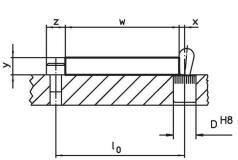
Version light spring load = spring from stainless steel

# More information

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

#### Drawing





### **Order information**

Dimensions		Spring load	Dimensions		Stroke	Location hole	<b>x</b> <sup>2)</sup>		Ĭ	Art. No.	
d1	d <sub>2</sub>	F max. <sup>1)</sup> ~	Ι <sub>1</sub> -1	Ι <sub>2</sub> ±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	

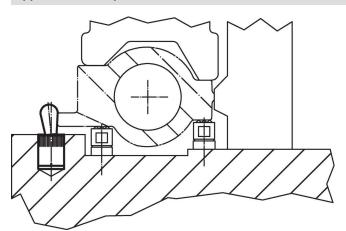
1) statistical average value

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

### Accessories

	Dimensions d <sub>1</sub>	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.