# Lateral Plungers • smooth, with seal

22150.0131



### **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

#### Din

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  $l_2$  -  $d_2/2$ ,

then  $x = d_2/2 - s$ 

or

y smaller than  $l_2$  -  $d_2/2$ ,

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

### Characteristic

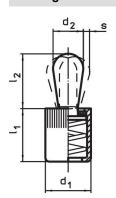
Version standard spring load = spring from steel, blackened

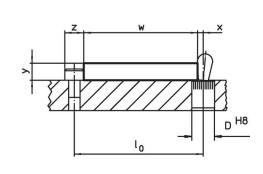
#### More information

#### **Further products**

• Eccentric Mounting Bushings, for lateral plungers, smooth

### **Drawing**





### **Order information**

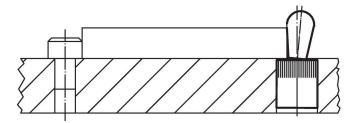
Dimensions		Spring load	Dimensions		Stroke	Location hole	<b>1</b> :	I	Art. No.		
d₁	d <sub>2</sub>	F max. <sup>1)</sup>	l <sub>1</sub> -2	l₂ ±0.5	s	H8	max.				
[mm]		[N]	[mm]		[mm]	[mm]	[°C]	[g]			
Pin: Steel/pin from steel, standard spring load											
12	8	100	14.5	13.2	2.6	12	110	7.5	22150.0131		

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

### **Accessories**

	Dimensions d <sub>1</sub> [mm]	[9]	Art. No.						
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 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.



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