# Lateral Plungers • smooth, with seal - INCH

2B150.0111



### **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:

 $I_0 = z/2 + w + x$ 

 $I_0$  = 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

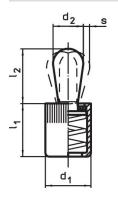
Version standard spring load = spring from steel, blackened

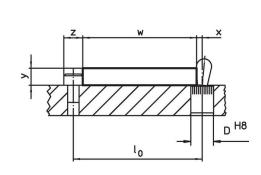
#### More information

#### **Further products**

• Eccentric Mounting Bushings, for lateral plungers, smooth - INCH

### **Drawing**





## Order information

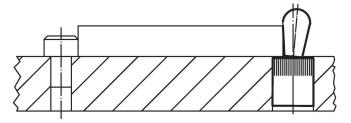
Dimensions		Spring load	Dimensions		Stroke	Location	<u>N</u>	1	Art. No.		
d₁	d <sub>2</sub>	F max. <sup>1)</sup> ~	l <sub>1</sub> -0.08	l <sub>2</sub>	S	hole D H8	max.	_			
[in]		[lb]	[in]		[in]	[in]	[°F]	[oz]			
Pin: Steel/Standard spring load											
1/4	0.118	4.5	0.275	0.157	0.04	1/4	230	0.024	2B150.0111		

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

## Accessories

assembly tool	Dimensions d <sub>1</sub> [in]	[oz]	Art. No.
	1/4	0.678	22150.0830

## **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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