# Lateral Plungers • smooth, with seal - INCH

2B150.0121



### **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

· 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  $x = d_2/2 - s$ 

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

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

### Characteristic

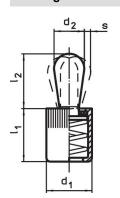
Version standard spring load = spring from steel, blackened

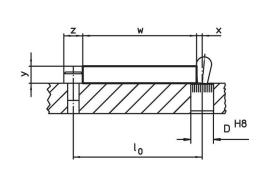
#### More information

#### **Further products**

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

## **Drawing**





Erwin Halder KG

## **Order information**

Dimensions		Spring load	Dimensions		Stroke	Location	<u>N</u>	-	Art. No.		
d₁	d <sub>2</sub>	F max. <sup>1)</sup> ~	l₁ -0.08	l <sub>2</sub>	s	hole D H8	max.	_			
[in]		[lb]	[in]		[in]	[in]	[°F]	[oz]			
Pin: Steel/Standard spring load											
7/16	0.197	11.2	0.43	0.236	0.06	7/16	230	0.117	2B150.0121		

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

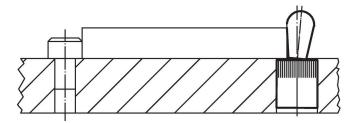
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## **Accessories**

	Dimensions	<b>=</b>	Art. No.					
	d₁	_						
	[in]	[oz]						
assembly tool								
	7/16	1.749	22150.0831					

## **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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