# Lateral Plungers • with plastic spring and pin

22150.0227



## **Product Description**

To be used for positioning and applying pressure, e.g. during painting and sandblasting.

#### Material

#### Spring

· plastic

#### Pin

· Stainless steel

#### **Assembly**

It is recommended to moisten the body.

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  $x = d_2/2 - s$ 

(value x for this case see table)

or

y smaller than  $l_2 - d_2/2$ ,

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

#### Characteristic

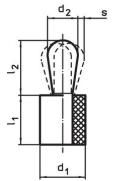
Version heavy spring load = green spring

#### More information

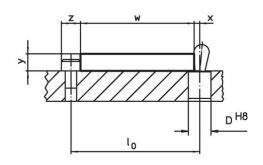
#### **Notes**

This is a discontinued article.

### **Drawing**







### **Order information**

Dimensi	ons	Spring load	Dim	ensions	Stroke	Location hole	<b>x</b> <sup>2)</sup>		I	Art. No.		
d₁	d <sub>2</sub>	F max. <sup>1)</sup> ~	l₁ -1	<b>l<sub>2</sub></b> ±0.5	s	<b>D</b> H8		max.	_			
[mm]	I	[N]	[1	mm]	[mm]	[mm]	[mm]	[°C]	[g]			
Pin: Stainless steel/pin from stainless steel, heavy spring load												
12	8	100	13	13.2	0.6	11.9	2.7	100	6.8	22150.0227		

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

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<sup>\*</sup>some sizes (see chart) have a deviating pin shape

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

### Accessories

assembly tool	Dimensions d <sub>1</sub> [mm]	[9]	Art. No.
	12	96	22150.0843

### Compliance

### **RoHS** compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

#### Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 27.06.2024.

#### Does not contain Proposition 65 substances

No Proposition 65 substances included. 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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Published on: 7.9.2024