# Lateral Plungers • with plastic spring and pin

22150.0219



# **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<sub>0</sub> = 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  $x = d_2/2 - s$ 

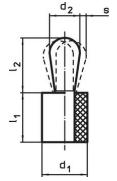
y smaller than  $l_2$  -  $d_2/2$ ,

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

### Characteristic

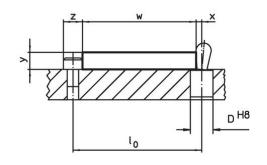
Version light spring load = blue spring

## **Drawing**





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# **Order information**

Dimensio d₁	ns d <sub>2</sub>	Spring load F max. 1)	Dimer I <sub>1</sub> -1	l <sub>2</sub> ±0.5	Stroke s	Location hole D H8	max.	ă	Art. No.		
[mm]		~ [N]	[m	m]	[mm]	[mm]	[°C]	[9]			
Pin: Stainless steel/pin from stainless steel, light spring load											
10	5	30	9	7.3	0.8	9.9	100	2.1	22150.0219		

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

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

# Accessories

assembly tool	Dimensions d <sub>1</sub> [mm]	[e]	Art. No.
	10	46	22150.0842

# 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 23.01.2024.

### 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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