# **Lateral Plungers** • with plastic spring and pin 22150.0242



## **Product Description**

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

#### **Material**

# Spring

- plastic
- Pin
- Thermoplastic POM, white

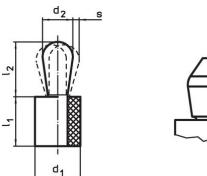
#### Assembly

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  $I_2 - d_2/2$ , then  $x = d_2/2 - s$ or y smaller than  $I_2 - d_2/2$ , then x =  $d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$ 

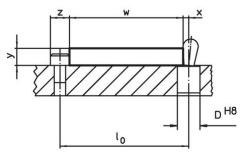
## Characteristic

Version standard spring load = red spring

## Drawing







\*some sizes (see chart) have a deviating pin shape

## **Order information**

Dimens d <sub>1</sub>	d2	Spring load F max. <sup>1)</sup>	Ι <sub>1</sub> -1	ensions l <sub>2</sub> ±0.5	Stroke s	Location hole D H8	x <sup>2)</sup>	max.	Ĭ.	Art. No.		
[mm]		[N]		mm]	[mm]	[mm]	[mm]	[°C]	[g]			
Pin: Thermoplastic/pin from thermoplastic, standard spring load												
16	10	80	16	16.9	0.8	15.9	3.4	80	4.9	22150.0242		

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

 $^{2)}$  If the workpiece height (y) is less than I2-d2/2, the coordinate dimension (x) must be calculated.

## Accessories

	Dimensions d <sub>1</sub>	ň	Art. No.
	[mm]	[9]	
assembly tool			1
	16	145	22150.0844

# 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/

#### mps.//www.r oowarnings.ca.gc

# 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.