# Lateral Plungers • smooth, with seal 22150.0180



#### **Product Description**

To be used for positioning and applying pressure, e.g. during painting and sandblasting. Sealed against chips and dirt.

#### Material

Seal • CR

BodyAluminium Al

Spring

Stainless steel

Pin

· Thermoplastic POM, white

#### Assembly

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

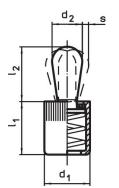
#### Characteristic

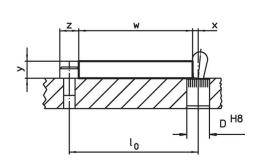
Version light spring load = spring from stainless steel

# More information

- **Further products**
- Eccentric Mounting Bushings, for lateral plungers, smooth

### Drawing





## Order information

Dimensions		Spring load	Dimensions		Stroke	Location hole	<b>x</b> <sup>2)</sup>		Ĩ	Art. No.		
d1	d2	F max. <sup>1)</sup> ~	Ι <sub>1</sub> -2	<b>Ι</b> 2 ±0.5	s	D H8		max.	_			
[mn	[mm]		[mm]		[mm]	[mm]	[mm]	[°C]	[g]			
Pin: Thermoplastic/pin from thermoplastic, light spring load												
16	10	100	18.5	16.4	1.6	16	3.1	80	7.3	22150.0180		

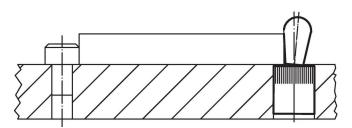
<sup>1)</sup> statistical average value

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

### Accessories

	Dimensions	<b>H</b>	Art. No.						
	d <sub>1</sub>	_							
	[mm]	[9]							
assembly tool									
	16	105	22150.0833						

### **Application example**



## 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.