# 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

### **Body**

Aluminium Al

## **Spring**

· Stainless steel

#### Pin

· Thermoplastic POM, white

## **Assembly**

Installation by pressing in.

Formula for calculating the center distance for the mounting hole:

 $I_0 = z/2 + w + x$ 

 $I_0$  = 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  $x = d_2/2 - s$ 

or

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

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

## Characteristic

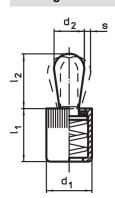
Version light spring load = spring from stainless steel

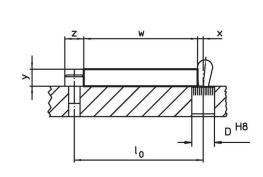
#### More information

#### **Further products**

• Eccentric Mounting Bushings, for lateral plungers, smooth

## **Drawing**





## **Order information**

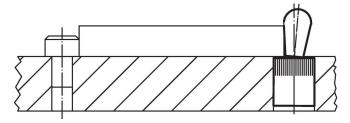
Dimensions		Spring load	Dimensions		Stroke	Location hole		I	Art. No.		
d <sub>1</sub>	d <sub>2</sub>	F max. <sup>1)</sup> ~	I <sub>1</sub> -2	l₂ ±0.5	S	<b>D</b> H8	max.	_			
[mm]		[N]	[mm]		[mm]	[mm]	[°C]	[g]			
Pin: Thermoplastic/pin from thermoplastic, light spring load											
16	10	100	18.5	16.4	3.2	16	80	7.3	22150.0180		

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

## **Accessories**

	Dimensions	<b>=</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.

Halder France SAS

#### 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.



www.halder.fr Page 2 of 2

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