# Lateral Plungers • smooth, without seal

22150.0041



# **Product Description**

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

#### **Material**

#### Body

Aluminium Al

### Spring

· Steel, blackened

#### Pin

Steel, case-hardened, zinc-plated by galvanization

### **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

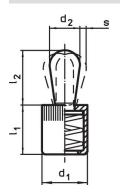
Version standard spring load = spring from steel, blackened

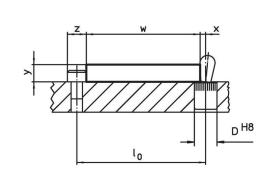
# More information

### **Further products**

• Eccentric Mounting Bushings, for lateral plungers, smooth

# Drawing





# Order information

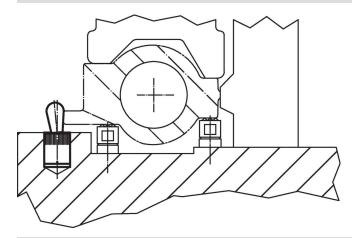
Dimens	ions	Spring load	Dim	ensions Stroke Location hole		I	Art. No.				
d <sub>1</sub>	d <sub>2</sub>	F max. <sup>1)</sup>	I₁ -1	l <sub>2</sub> ±0.5	5	<b>D</b> H8	max.	_			
[mm]		[N]	[mm]		[mm]	[mm]	[°C]	[g]			
Pin: Steel/pin from steel, standard spring load											
16	10	150	18	16.7	3.2	16	250	15	22150.0041		

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

### **Accessories**

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

# **Application example**



# Compliance

# **RoHS** compliant

Contains lead - compliant according to exceptions 6a / 6b / 6c.

# Contains SVHC substances >0,1% w/w

Contains lead - SVHC list [REACH] as of 23.01.2024.

### **Contains Proposition 65 substances**



Lead can cause cancer and reproductive harm from exposure https://www.P65Warnings.ca.gov/

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# **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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