# Lateral Plungers • smooth, without seal

# 22150.0032



# **Product Description**

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

#### Material

#### Body

Aluminium Al

#### **Spring**

· Steel, zinc-plated by galvanization

#### 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

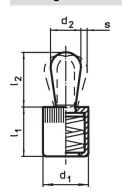
Version heavy spring load = spring from steel, zinc-plated by galvanization

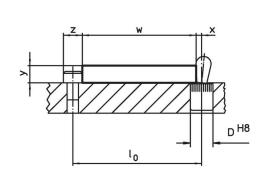
## More information

#### **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> -1	<b>l₂</b> ±0.5	s	<b>D</b> H8	max.	_			
[mm]		[N]	[m	m]	[mm]	[mm]	[°C]	[g]			
Pin: Steel/pin from steel, heavy spring load											
12	8	150	13.5	13.6	2.6	12	250	7.8	22150.0032		

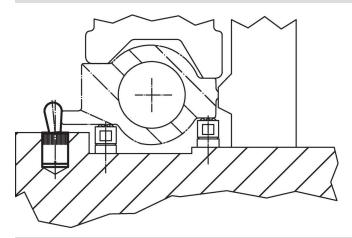
<sup>1)</sup> statistical average value

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## **Accessories**

assembly tool	Dimensions d <sub>1</sub> [mm]	[9]	Art. No.
	12	86	22150.0832

# **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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