# **Lateral Plungers** • with thread, with seal 22150.0431



## **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

• Steel, zinc-plated by galvanization

## Spring

Steel, blackened

#### Pin

• Steel, case-hardened, zinc-plated by galvanization

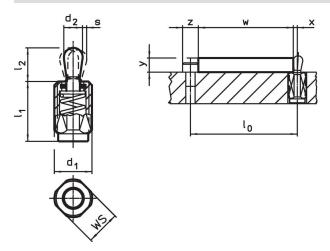
# Assembly

Lateral plungers are installed by screwing in by means of a mounting tool. 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  $I_2 - d_2/2$ , 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 = spring from steel, blackened

# Drawing



# Order information

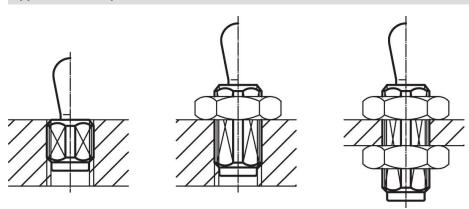
Dimensions					Stroke	WS		<b>I</b>	Art. No.		
d1	l <sub>1</sub> -2	Spring load F max. <sup>1)</sup>	d₂	I2	S		max.	-			
[mm]		[N]	1	[mm]	[mm]	[mm]	[°C]	[g]			
Pin: Steel/Standard spring load											
M12	11.5	75	6	10	1	10	110	4.8	22150.0431		

1) statistical average value

# Accessories

	Dimensions	<b>H</b>	Art. No.					
	d <sub>1</sub>	-						
	[mm]	[9]						
assembly tool								
1 0	M12	76	22150.0820					

# **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/

# 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.