# **Lateral Plungers** • with thread, without seal, with female thread 22150.1312



## **Product Description**

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

#### **Material**

## Body

Steel, zinc-plated

#### Threaded washer

· Steel, blackened

#### Spring

• Steel, zinc-plated by galvanization

#### Assembly

Formula for calculating the center distance for the mounting hole:  $l_0 = z/2 + w + x$ ,  $l_0$  = center distance, y = workpiece height, w = workpiece length, x = stroke, z = stop diameter Calculation dimension x for workpieces: x = d\_2/2 - s

Lateral plungers are installed by screwing in by means of a mounting tool.

#### Characteristic

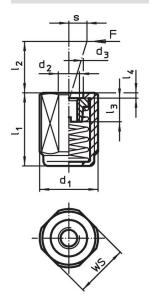
Version heavy spring load = spring from steel, zinc-plated by galvanization

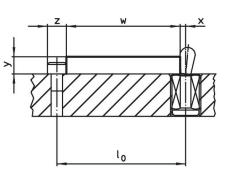
#### More information

#### Notes

Individual set screws can be screwed in the plate with threaded hole.

### Drawing





## **Order information**

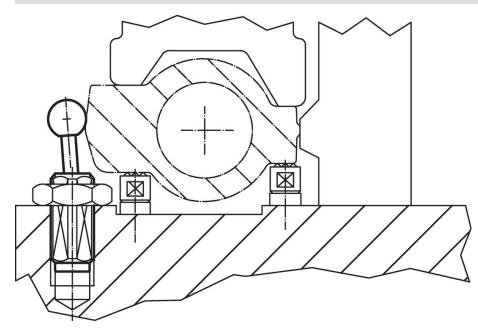
Dime	ensions	Spring load			Dimension	S		Stroke	WS		<b>I</b>	Art. No.
d <sub>1</sub>	Ι <sub>1</sub> -2	F max. <sup>1)</sup> ~	d <sub>2</sub>	d <sub>3</sub>	l <sub>2</sub>	I <sub>3</sub>	I <sub>4</sub>	S		max.	-	
[mm]		[N]			[mm]			[mm]	[mm]	[°C]	[g]	
Heavy spring load												
M12	11.5	100	M4	6.1	6.7	4.5	1.5	0.8	10	250	3.7	22150.1312

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

# Accessories

	Dimensions d <sub>1</sub>	Ă	Art. No.
	[mm]	[9]	
assembly tool			
)	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 27.06.2024.

#### **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.

