# Lateral Plungers • with thread, with seal, with female thread

22150.1414



## **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

### Threaded washer

· Steel, blackened

#### **Spring**

Stainless steel

### **Assembly**

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 = 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

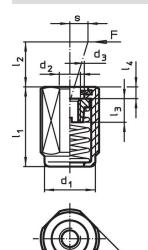
Version light spring load = spring from stainless steel

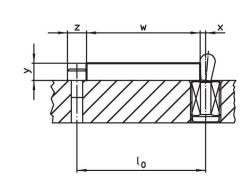
#### More information

#### **Notes**

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

## **Drawing**







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### **Order information**

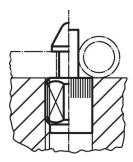
Dimensions Spring load		Dimensions					Stroke	ws	<u>N</u>	I	Art. No.	
d₁	l₁ -2	F max. <sup>1)</sup> ~	d <sub>2</sub>	d <sub>3</sub>	l <sub>2</sub>	l <sub>3</sub>	I <sub>4</sub>	s		max.	_	
[mm]		[N]			[mm]	I	l	[mm]	[mm]	[°C]	[g]	
Light spring load												
M12	19	20	M4	6.1	6	4.5	2	0.8	10	110	4.9	22150.1414

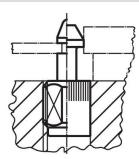
<sup>1)</sup> statistical average value

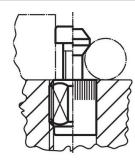
# Accessories

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



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