Lateral Plungers • with thread, with seal, with female thread
22150.1412

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
- 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

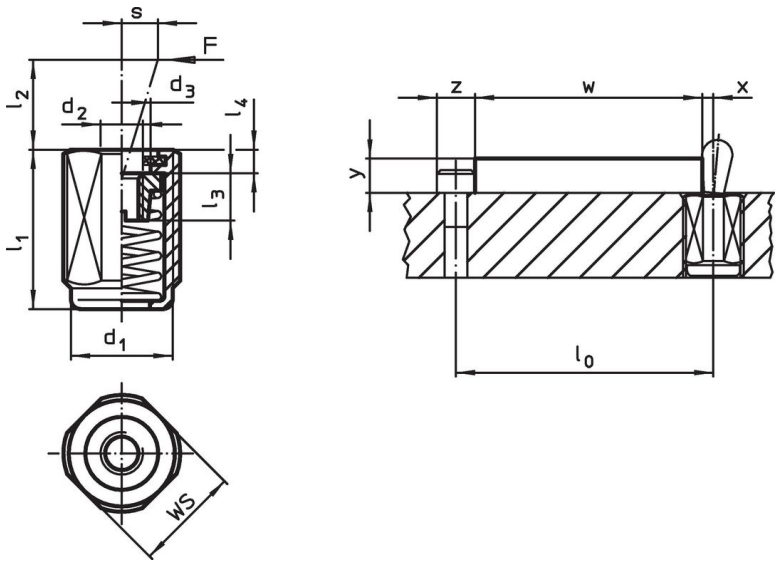
Version heavy spring load = spring from steel, zinc-plated by galvanization

More information

Notes

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

Drawing



Order information

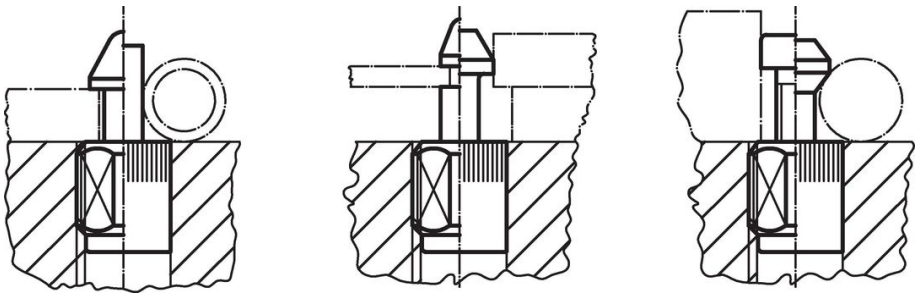
Dimensions		Spring load	Dimensions					Stroke	WS			Art. No.
d_1	l_1 -2	F max. [1] ~	d_2	d_3	l_2	l_3	l_4	s		max.		
[mm]		[N]	[mm]					[mm]	[mm]	[°C]	[g]	
Heavy spring load												
M12	**11.5**	**100**	M4	6.1	6	4.5	2	0.8	10	110	3.5	22150.1412

[1] statistical average value

Accessories

	Dimensions d_1 [mm]	[g]	Art. No.
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 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.