Lateral Plungers · with thread, with seal 22150.0456



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, zinc-plated by galvanization

Pin

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

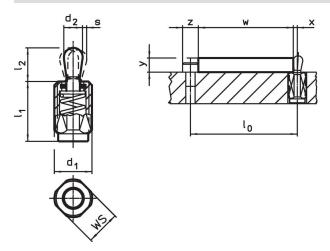
Assembly

	Lateral plungers are installed by screwing in by means of a mounting tool. Formula for calculating the center distance for the mounting hole: $l_0 = z/2 + w + x$, $l_0 = center distance$, y = workpiece height, w = 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 $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$
	then $\mathbf{x} = \mathbf{u}_2/2 - \mathbf{S} - [(\mathbf{u}_2 - \mathbf{u}_2/2 - \mathbf{y})^{-1} \mathbf{U}, 123]$

Characteristic

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

Drawing



Order information

Dimensions					Stroke	ws		Ĩ	Art. No.
d ₁	l ₁	Spring load	d ₂	I ₂	S		max.	_	
	-2	F max. ¹⁾ ~							
[mm]		[N]	[m	im]	[mm]	[mm]	[°C]	[g]	
Pin: Steel/Heavy spring load									
M18 x 1,5	31.5	200	10	16	1.6	16	110	29	22150.0456

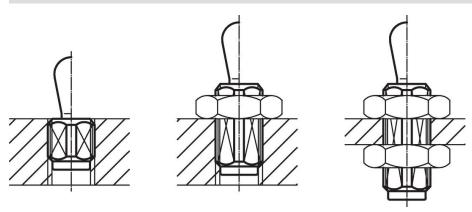
1) statistical average value

Art. No.

Accessories Dimensions d1

	[mm]	[g]	
assembly tool			
	M18 x 1,5	137	22150.0822

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.