Lateral Plungers • with thread, without seal

22150.0356

Product Description

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

Material

Body
- Steel, zinc-plated by galvanization

Spring
- Steel, zinc-plated by galvanization

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

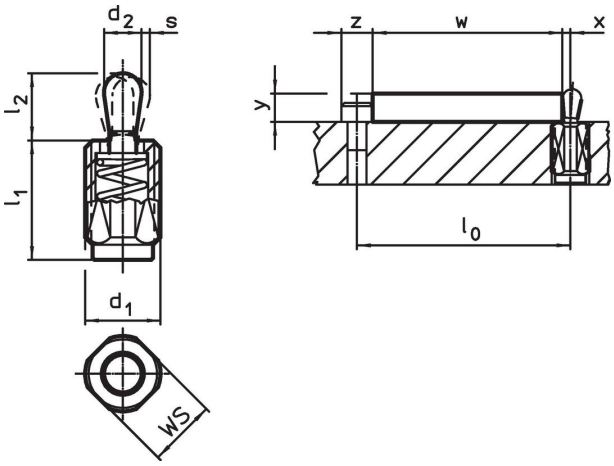
Assembly

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 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 $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0{,}123]$

Characteristic

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

Drawing



Order information

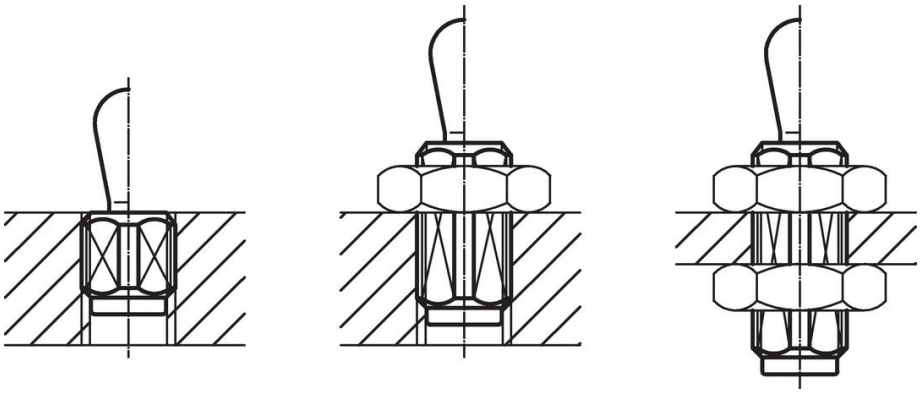
Dimensions					Stroke	WS	max.		Art. No.
d_1	l_1 -2	Spring load F max. [1] ~	d_2	l_2	s				
[mm]		[N]	[mm]		[mm]	[mm]	[°C]	[g]	
Pin: Steel/Heavy spring load									
M18 x 1,5	**31.5**	**200**	10	16.9	3.2	16	250	30	22150.0356

[1] statistical average value

Accessories

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