Lateral Plungers • with plastic spring and pin

22150.0206

Product Description

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

Material

Spring
• plastic

Pin
• Steel, case-hardened, blackened

Assembly

It is recommended to moisten the body.
Installation by pressing in.
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:
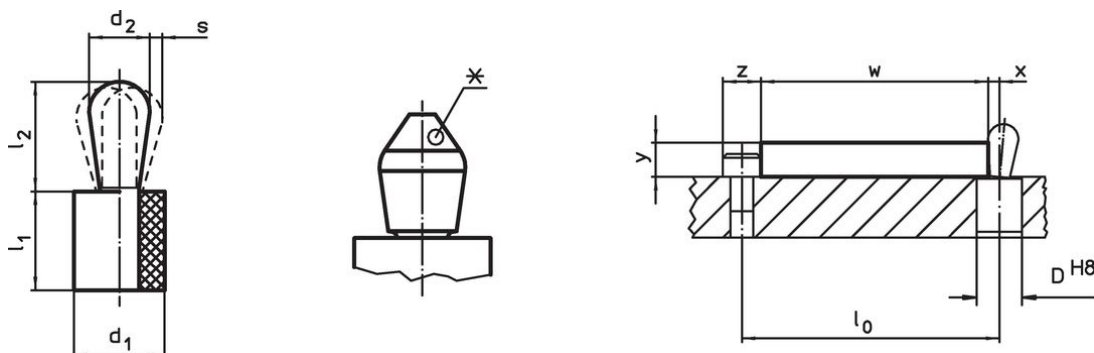y greater than or equal to $l_2 - d_2/2$,
then $x = d_2/2 - s$
or
y smaller than $l_2 - d_2/2$,
then $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0{,}123]$

Characteristic

Version heavy spring load = green spring

Drawing

*some sizes (see chart) have a deviating pin shape

Order information

Dimensions		Spring load	Dimensions		Stroke	Location hole			Art. No.
d_1	d_2	F max. [1] ~	l_1 -1	l_2 ±0.5	s	D H8	max.		
[mm]		[N]	[mm]		[mm]	[mm]	[°C]	[g]	
Pin: Steel/pin from steel, heavy spring load									
10	5	90	9	7.3	0.8	9.9	100	2.1	22150.0206

[1] statistical average value

Accessories

	Dimensions d$_1$ [mm]	[g]	Art. No.
assembly tool			
	10	46	**22150.0842**

Compliance

RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 23.01.2024.

Does not contain Proposition 65 substances

No Proposition 65 substances included.
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.