Lateral Plungers · smooth, with seal

22150.0141

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
- Aluminium Al

Spring
- Steel, blackened

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

Assembly

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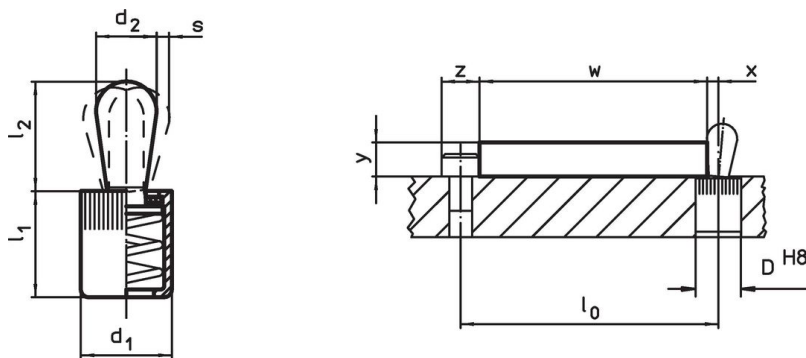
Characteristic

Version standard spring load = spring from steel, blackened

More information

Further products

- Eccentric Mounting Bushings, for lateral plungers, smooth

Drawing

Order information

Dimensions		Spring load F max. [1] ~ [N]	Dimensions		Stroke s [mm]	Location hole D H8 [mm]	max. [°C]	[g]	Art. No.
d_1 [mm]	d_2 [mm]		l_1 -2 [mm]	l_2 ±0.5 [mm]					
Pin: Steel/pin from steel, standard spring load									
16	10	150	18.5	16.4	3.2	16	110	15	22150.0141

[1] statistical average value

Accessories

	Dimensions d$_1$ [mm]	[g]	Art. No.
assembly tool			
	16	105	**22150.0833**

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.