Lateral Plungers• with plastic spring and pin
22150.0231

Product Description

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

Material

Spring
• Plastic

Pin
• Thermoplastic POM, white

Assembly

Moistening the body allows for easier installation.
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:
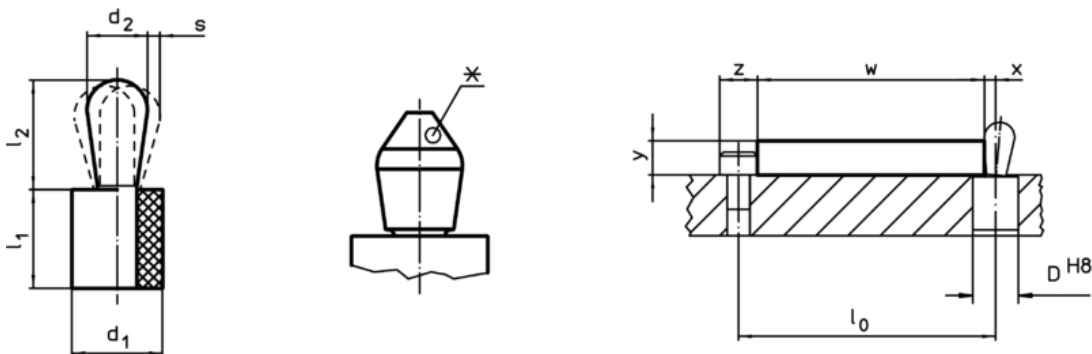y greater than or equal to $l_2 - d_2/2$, then $x = d_2/2 - s$
or
y smaller than $l_2 - d_2/2$, then $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$

Characteristic

Standard spring load = red spring

Drawing

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

Order information

Dimensions		Spring load	Dimensions		Stroke	Location hole	max.		Art. No.[2]
d_1	d_2	F max.[1] ~	l_1 -1	l_2 ±0,5	s	D H8			
[mm]		[N]	[mm]		[mm]	[mm]	[°C]	[g]	
Pin: Thermoplastic/standard spring load									
6	3	20	7	3,7	0,4	5,9	80	0,27	**22150.0231**

[1] statistical average value

[2] deviating pin shape (see drawing)

Accessories

	Dimensions d₁ [mm]	[g]	Art. No.
assembly tool			
	6	23	**22150.0840**