Lateral Plungers• with thread, with seal

22150.0430

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
• Stainless steel

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:
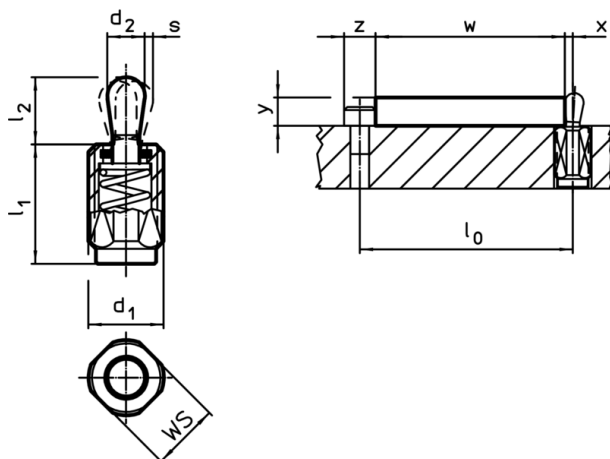y greater than or equal to $l_2 - d_2/2$, then $x = d_2/2 - s$
or
y smaller than $l_2 - d_2/2$, then $x = d_2/2 - s - [(l_2 - d_2/2 - y) * 0,123]$

Characteristic

Light spring load = spring from stainless steel

Drawing

Order information

Dimensions					Stroke s	WS	max.		Art. No.
d₁	l₁ -2	Spring load F max.[1] ~	d₂	l₂					
[mm]		[N]	[mm]		[mm]	[mm]	[°C]	[g]	
Pin: Steel/light spring load									
M12	11,5	40	6	10	1	10	110	4,7	22150.0430

[1] statistical average value

Accessories

Dimensions d$_1$ [mm]	⬛ [g]	Art. No.
assembly tool		
M12	76	22150.0820

Application example