Lateral Plungers • with thread, with seal, with female thread



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

Threaded washer

· Steel, blackened

Spring

· Steel, zinc-plated by galvanization

Assembly

Formula for calculating the center distance for the mounting hole:

 $I_0 = z/2 + w + x$

 I_0 = center distance,

y = workpiece height,

w = workpiece length,

x = stroke,

z = stop diameter

Calculation dimension x for workpieces:

 $x = d_2/2 - s$

Lateral plungers are installed by screwing in by means of a mounting tool.

Characteristic

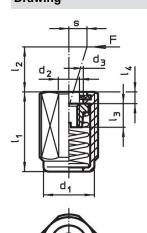
Version heavy spring load = spring from steel, zinc-plated by galvanization

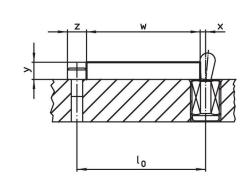
More information

Notes

Individual set screws can be screwed in the plate with threaded hole.

Drawing







Erwin Halder KG www.halder.com Page 1 of 2 Published on: 20.4.2024

Order information

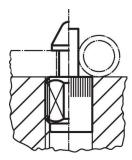
Dimensions		Spring load	Dimensions					Stroke	ws		I	Art. No.
d ₁	l ₁ -2	F max. ¹⁾ ~	d ₂	d ₃	l ₂	l ₃	I ₄	s		max.	-	
[mm]		[N]			[mm]			[mm]	[mm]	[°C]	[g]	
Heavy spring load												
M18 x 1,5	31.5	200	M6	10.1	16	7.5	2.3	1.6	16	110	23	22150.1456

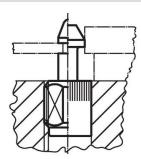
¹⁾ statistical average value

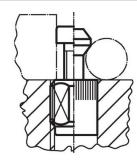
Accessories

assembly tool	Dimensions d ₁ [mm]	[9]	Art. No.
1 0	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.



www.halder.com Page 2 of 2
Published on: 20.4.2024