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Lateral Plungers • smooth, without seal, with female thread

EH 22150.



Product Description

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

Material

Body
- Aluminium Al

Threaded washer
- Steel, blackened

Spring
- Stainless steel
- Steel, blackened
- Steel, zinc-plated by galvanization

Assembly

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 = stroke,
z = stop diameter
Calculation dimension x for workpieces:
$x = d_2/2 - s$
Installation by pressing in.

Characteristic

Version light spring load = spring from stainless steel
Version standard spring load = spring from steel, blackened
Version heavy spring load = spring from steel, zinc-plated by galvanization

More information

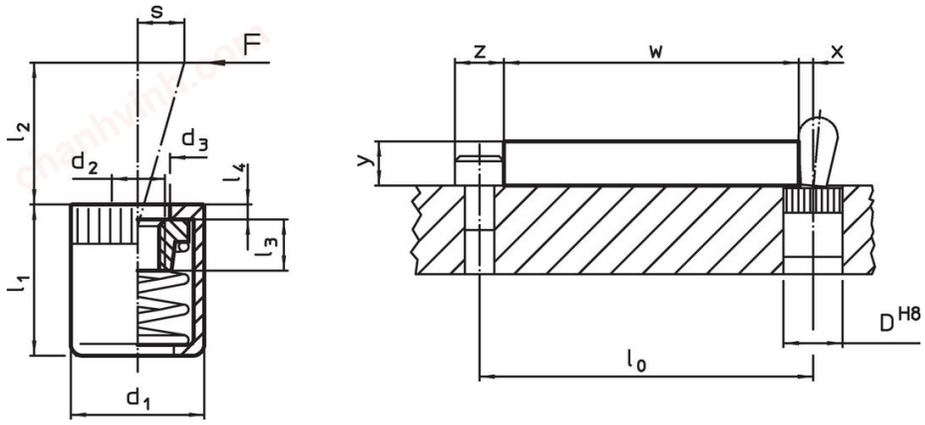
Notes

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

Further products

- Eccentric Mounting Bushings, for lateral plungers, smooth

Drawing



Order information

Dimensions d_1 [mm]	Dimensions d_2 [mm]	Spring load F max. 1) ~ [N]	Dimensions d_3 [mm]	Dimensions l_1 -1 [mm]	Dimensions l_2 [mm]	Dimensions l_3 [mm]	Dimensions l_4 [mm]	Stroke s [mm]	Location hole D H8 [mm]	max. [°C]	[g]	Art. No.
Light spring load												
10	**M4**	**20**	6.3	11	6.7	4.5	1.2	0.8	10	250	1.8	22150.1020
10	**M4**	**40**	6.3	11	10.7	4.5	1.2	1.0	10	250	1.9	22150.1025
16	**M6**	**100**	10.2	18	16.7	7.5	1.7	1.6	16	250	9.4	22150.1040

1) statistical average value

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Dimensions d_1 [mm]	Dimensions d_2 [mm]	Spring load F max. 1) ~ [N]	Dimensions d_3 [mm]	Dimensions l_1 -1 [mm]	Dimensions l_2 [mm]	Dimensions l_3 [mm]	Dimensions l_4 [mm]	Stroke s [mm]	Location hole D H8 [mm]	max. [°C]	[g]	Art. No.
Standard spring load												
10	**M4**	**50**	6.3	11	6.7	4.5	1.2	0.8	10	250	2.1	22150.1021
10	**M4**	**75**	6.3	11	10.7	4.5	1.2	1.0	10	250	2.1	22150.1026
16	**M6**	**150**	10.2	18	16.7	7.5	1.7	1.6	16	250	9.4	22150.1041
Heavy spring load												
10	**M4**	**100**	6.3	11	6.7	4.5	1.2	0.8	10	250	2.3	22150.1022
10	**M4**	**100**	6.3	11	10.7	4.5	1.2	1.0	10	250	2.5	22150.1027
16	**M6**	**200**	10.2	18	16.7	7.5	1.7	1.6	16	250	9.3	22150.1042

1) statistical average value

Accessories

	Dimensions d_1 [mm]	[g]	Art. No.
assembly tool			
	**10**	49	22150.0831
	16	105	22150.0833

Compliance

For detailed compliance information please select the desired article number.