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Lateral Plungers • with thread, 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
- Steel, zinc-plated

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:
$x = d_2/2 - s$
Lateral plungers are installed by screwing in by means of a mounting tool.

Characteristic

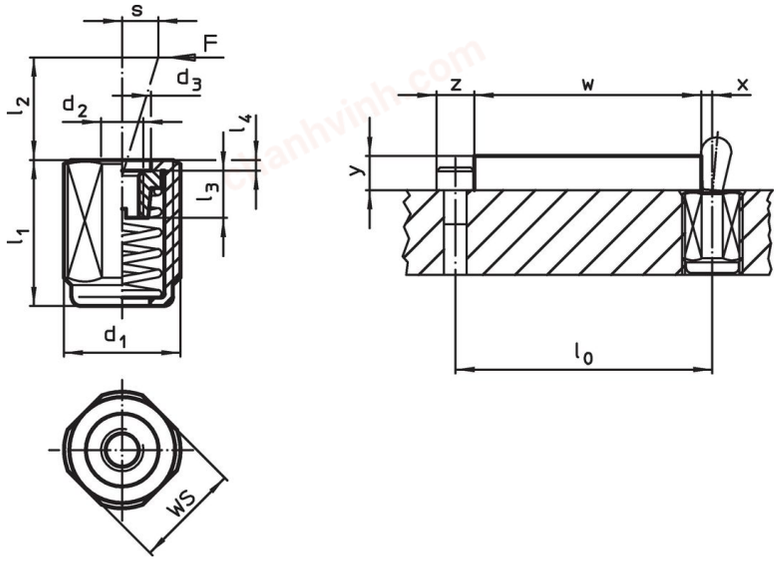
Version light spring load = spring from stainless steel
Version standard spring load = spring from steel, blackened
Version heavy spring load = spring from steel, zinc-plated by galvanization

More information

Notes

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

Drawing



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Order information

Dimensions d_1 [mm]	l_1 -2	Spring load F max. [1] ~ [N]	d_2	d_3	l_2	l_3	l_4	Stroke s [mm]	WS [mm]	max. [°C]	[g]	Art. No.
Light spring load												
M12	**11.5**	**20**	M4	6.1	6.7	4.5	1.5	0.8	10	250	3.2	22150.1310
M12	**19.0**	**20**	M4	6.1	6.7	4.5	1.5	0.8	10	250	5.1	22150.1314
M12	**26.5**	**20**	M4	6.1	6.7	4.5	1.5	0.8	10	250	6.9	22150.1318
M12	**11.5**	**40**	M4	6.1	10.7	4.5	1.5	1.0	10	250	3.3	22150.1330
M12	**19.0**	**40**	M4	6.1	10.7	4.5	1.5	1.0	10	250	5.2	22150.1334
M12	**26.5**	**40**	M4	6.1	10.7	4.5	1.5	1.0	10	250	6.9	22150.1338
M18 x 1,5	**18.0**	**100**	M6	10.1	16.7	7.5	1.5	1.6	16	250	15.0	22150.1350
M18 x 1,5	**31.5**	**100**	M6	10.1	16.7	7.5	1.5	1.6	16	250	23.0	22150.1354
M18 x 1,5	**45.0**	**100**	M6	10.1	16.7	7.5	1.5	1.6	16	250	32.0	22150.1358
Standard spring load												
M12	**11.5**	**50**	M4	6.1	6.7	4.5	1.5	0.8	10	250	3.5	22150.1311
M12	**19.0**	**50**	M4	6.1	6.7	4.5	1.5	0.8	10	250	5.6	22150.1315
M12	**26.5**	**50**	M4	6.1	6.7	4.5	1.5	0.8	10	250	7.5	22150.1319
M12	**11.5**	**75**	M4	6.1	10.7	4.5	1.5	1.0	10	250	3.5	22150.1331
M12	**19.0**	**75**	M4	6.1	10.7	4.5	1.5	1.0	10	250	5.6	22150.1335
M12	**26.5**	**75**	M4	6.1	10.7	4.5	1.5	1.0	10	250	7.7	22150.1339
M18 x 1,5	**18.0**	**150**	M6	10.1	16.7	7.5	1.5	1.6	16	250	15.0	22150.1351
M18 x 1,5	**31.5**	**150**	M6	10.1	16.7	7.5	1.5	1.6	16	250	23.0	22150.1355
M18 x 1,5	**45.0**	**150**	M6	10.1	16.7	7.5	1.5	1.6	16	250	32.0	22150.1359
Heavy spring load												
M12	**11.5**	**100**	M4	6.1	6.7	4.5	1.5	0.8	10	250	3.7	22150.1312
M12	**19.0**	**100**	M4	6.1	6.7	4.5	1.5	0.8	10	250	6.0	22150.1316
M12	**26.5**	**100**	M4	6.1	6.7	4.5	1.5	0.8	10	250	8.2	22150.1320
M12	**11.5**	**100**	M4	6.1	10.7	4.5	1.5	1.0	10	250	3.9	22150.1332
M12	**19.0**	**100**	M4	6.1	10.7	4.5	1.5	1.0	10	250	6.5	22150.1336
M12	**26.5**	**100**	M4	6.1	10.7	4.5	1.5	1.0	10	250	8.6	22150.1340
M18 x 1,5	**18.0**	**200**	M6	10.1	16.7	7.5	1.5	1.6	16	250	14.0	22150.1352
M18 x 1,5	**31.5**	**200**	M6	10.1	16.7	7.5	1.5	1.6	16	250	24.0	22150.1356
M18 x 1,5	**45.0**	**200**	M6	10.1	16.7	7.5	1.5	1.6	16	250	34.0	22150.1360

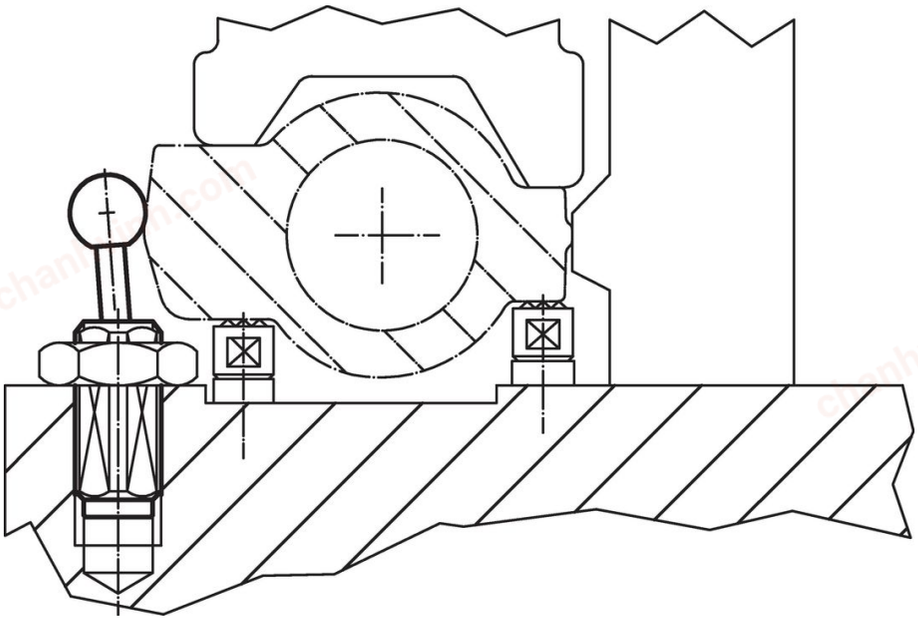
[1] statistical average value

Accessories

	Dimensions d_1 [mm]	[g]	Art. No.
assembly tool			
	**M12**	76	22150.0820
	M18 x 1,5	137	22150.0822

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Application example



Compliance

For detailed compliance information please select the desired article number.

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