

Spring Push Plungers · with mounting flange, horizontal EH 22170.

Product Description



The spring push plungers are used for simple and secure positioning of workpieces or components on stops and support points.

The spring push plunger is designed with a thrust pad that can be rotated 4 x 90° depending on the application.

Below h_2 , a pull-down effect is created when the thrust pad is installed in the appropriate position.

Material

Body

- Zinc die-cast, plastic coated, black, similar to RAL 9005, matt structure

Thrust Pad

- Stainless steel 1.4542
- Thermoplastic POM, black

Screw

- Stainless steel A2
- Steel, zinc-nickel coated by galvanization

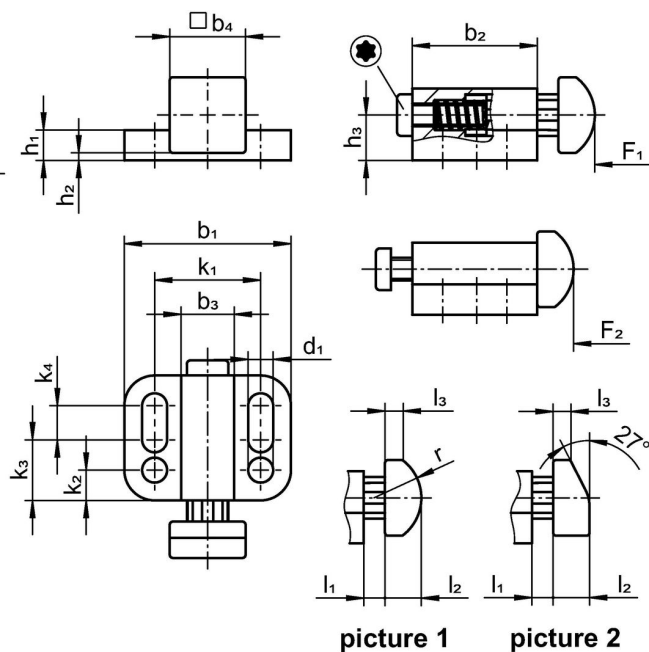
Spring

- Stainless steel 1.4310

Assembly

Assembly by means of washers ISO 7092.

Drawing





picture 1

picture 2

Order information

Dimensions																Stroke s	Spring load ¹⁾ F ₁ F ₂	Spring load ¹⁾ F ₁ F ₂	Art. No.		
b ₁	d ₁	b ₂	b ₃	b ₄	h ₁	h ₂	h ₃	k ₁	k ₂	k ₃	k ₄	l ₁	l ₂	l ₃	r	[mm]				[N]	[g]
plunger rounded, smooth, standard spring load – picture 1, Stainless steel																					
22	3.3	16.5	7.0	10	4	1	6	14	4.0	8	4.5	2.8	4.8	2.4	6.25	2.8	10	8	11	12	22170.0005
32	5.4	27.5	10.0	16	5	1	9	21	5.5	12	10.0	5.0	7.0	3.1	10.00	5.0	20	8	19	39	22170.0010
39	6.5	35.0	14.5	22	6	1	12	27	6.5	15	13.5	8.2	10.0	4.7	13.75	8.2	30	17	33	93	22170.0015

¹⁾ statistical average value

Dimensions																Stroke s ~ [mm]		Spring load ¹⁾		 [g]	Art. No.
b ₁	d ₁	b ₂	b ₃	b ₄	h ₁	h ₂ +0.5	h ₃	k ₁	k ₂	k ₃	k ₄	l ₁ ~	l ₂	l ₃ ~	r			F ₁	F ₂		
[mm]																[mm]		[N]		[g]	
plunger rounded, heavy spring load – picture 1, Stainless steel																					
22	3.3	16.5	7.0	10	4	1	6	14	4.0	8	4.5	2.8	4.8	2.4	6.25	2.8	10	11	20	13	22170.1005
32	5.4	27.5	10.0	16	5	1	9	21	5.5	12	10.0	5.0	7.0	3.1	10.00	5.0	20	19	45	40	22170.1010
39	6.5	35.0	14.5	22	6	1	12	27	6.5	15	13.5	8.2	10.0	4.7	13.75	8.2	30	27	75	96	22170.1015
plunger wedge-shaped, smooth, standard spring load – picture 2, Stainless steel																					
22	3.3	16.5	7.0	10	4	1	6	14	4.0	8	4.5	2.8	4.8	2.4	–	2.8	10	8	11	12	22170.0105
32	5.4	27.5	10.0	16	5	1	9	21	5.5	12	10.0	5.0	7.0	3.1	–	5.0	20	8	19	39	22170.0110
39	6.5	35.0	14.5	22	6	1	12	27	6.5	15	13.5	8.2	10.0	4.7	–	8.2	30	17	33	93	22170.0115
plunger wedge-shaped, smooth, heavy spring load – picture 2, Stainless steel																					
22	3.3	16.5	7.0	10	4	1	6	14	4.0	8	4.5	2.8	4.8	2.4	–	2.8	10	11	20	13	22170.1105
32	5.4	27.5	10.0	16	5	1	9	21	5.5	12	10.0	5.0	7.0	3.1	–	5.0	20	19	45	40	22170.1110
39	6.5	35.0	14.5	22	6	1	12	27	6.5	15	13.5	8.2	10.0	4.7	–	8.2	30	27	75	94	22170.1115
plunger rounded, standard spring load – picture 1, Thermoplastic POM, black																					
22	3.3	16.5	7.0	10	4	1	6	14	4.0	8	4.5	2.8	4.8	2.4	6.25	2.8	10	8	11	11	22170.0505
32	5.4	27.5	10.0	16	5	1	9	21	5.5	12	10.0	5.0	7.0	3.1	10.00	5.0	20	8	19	32	22170.0510
39	6.5	35.0	14.5	22	6	1	12	27	6.5	15	13.5	8.2	10.0	4.7	13.75	8.2	30	17	33	69	22170.0515
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22	3.3	16.5	7.0	10	4	1	6	14	4.0	8	4.5	2.8	4.8	2.4	6.25	2.8	10	11	20	12	22170.1505
32	5.4	27.5	10.0	16	5	1	9	21	5.5	12	10.0	5.0	7.0	3.1	10.00	5.0	20	19	45	32	22170.1510
39	6.5	35.0	14.5	22	6	1	12	27	6.5	15	13.5	8.2	10.0	4.7	13.75	8.2	30	27	75	71	22170.1515
plunger wedge-shaped, standard spring load – picture 2, Thermoplastic POM, black																					
22	3.3	16.5	7.0	10	4	1	6	14	4.0	8	4.5	2.8	4.8	2.4	–	2.8	10	8	11	13	22170.0605
32	5.4	27.5	10.0	16	5	1	9	21	5.5	12	10.0	5.0	7.0	3.1	–	5.0	20	8	19	32	22170.0610
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39	6.5	35.0	14.5	22	6	1	12	27	6.5	15	13.5	8.2	10.0	4.7	–	8.2	30	27	75	71	22170.1615

¹⁾ statistical average value

Compliance

RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 27.06.2024.

Does not contain Proposition 65 substances

No Proposition 65 substances included.

<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.