

Push-Pull Clamps

EH 23229.



Product Description

The clamp is suitable for easy and safe positioning of workpieces or components at stops and support points prior to clamping or assembly.
As the push/pull clamp is threaded on both sides it is possible to fix elements that are adapted to the workpiece, e.g. prisms, clamping bolts, self-aligning pads.

Material

Pin

- Steel, blackened

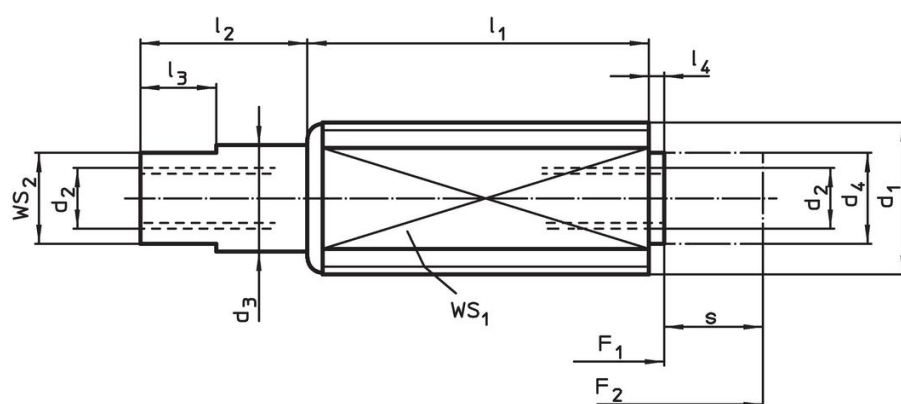
Body

- Steel, zinc-plated

Spring

- Stainless steel 1.4310

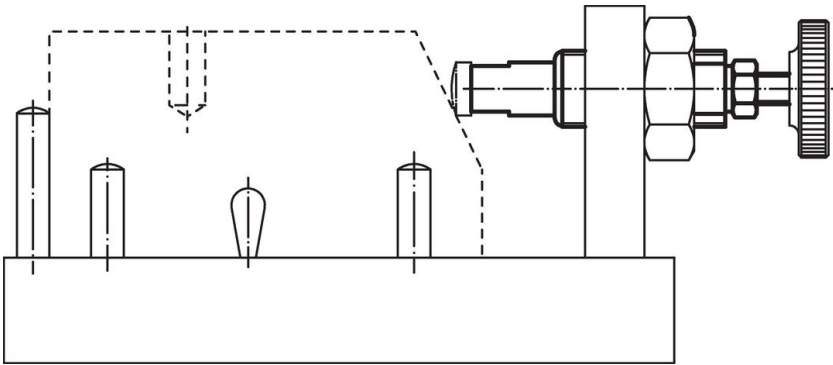
Drawing



Order information

d ₁	d ₂	Dimensions						Stroke s ~ [mm]	WS		Spring load		Art. No.	
		d ₃	d ₄	l ₁	l ₂	l ₃	l ₄		WS ₁	WS ₂	F ₁	F ₂		
		[mm]						[mm]		[N]		[g]		
Light spring load														
M12	M4 x 8	7	6	11.0	4.5	5	1.5	3.5	10	6	5	20	5.1	23229.0005
M12	M4 x 8	7	6	18.5	7.0	5	1.5	6.0	10	6	5	20	8.7	23229.0010
M12	M4 x 8	7	6	26.0	11.0	5	1.5	10.0	10	6	5	20	13.0	23229.0015
Standard spring load														
M12	M4 x 8	7	6	11.0	4.5	5	1.5	3.0	10	6	10	45	5.3	23229.0020
M12	M4 x 8	7	6	18.5	7.0	5	1.5	5.0	10	6	10	45	8.7	23229.0025
M12	M4 x 8	7	6	26.0	11.0	5	1.5	8.0	10	6	10	45	14.0	23229.0030
M18 x 1,5	M6 x 12	11	10	18.0	6.0	6	2.0	4.0	16	9	30	120	22.0	23229.0050
M18 x 1,5	M6 x 12	11	10	31.5	11.5	6	2.0	7.0	16	9	30	120	42.0	23229.0055
M18 x 1,5	M6 x 12	11	10	45.0	16.0	6	2.0	12.5	16	9	60	180	63.0	23229.0060
Heavy spring load														
M12	M4 x 8	7	6	11.0	4.5	5	1.5	3.0	10	6	20	90	5.4	23229.0035
M12	M4 x 8	7	6	18.5	7.0	5	1.5	5.0	10	6	20	90	9.0	23229.0040
M12	M4 x 8	7	6	26.0	11.0	5	1.5	8.0	10	6	20	90	14.0	23229.0045

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.