Spring Plungers • with moveable ball and internal hexagon 22031.0256



Product Description

Spring plungers can be used for locating or for applying pressure, as a detent or for ejection. The running of the ball minimises wear on the counterpart, this also results in a positive locking behaviour depending on the counterpart.

Another advantage of the plastic ball is the electric insulation.

Material

Body

• Stainless steel 1.4305

Bearing

plastic

Ball

· Stainless steel, hardened

Spring

Stainless steel

Characteristic

Heavy spring load: marked with two lines





Standard spring load

Heavy spring load

More information

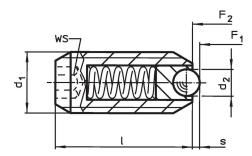
Notes

Special types on request. Spring plungers are specially tested for spring range and forces.

References

Thread lock on request, please refer to appendix - Technical Data -Calculation of indexing resistance, please refer to appendix - Technical Data -

Drawing



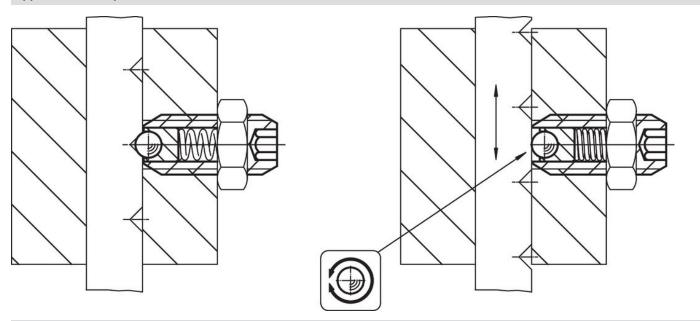
Order information

Dimensions			ws		Spring load ¹⁾				Ĭ	Art. No.
d ₁	d ₂	I		S	F ₁	F ₂ ~	min.	max.		
[mm]			f	[1	[N]		[°C]		[a]	
	<u>[mmj</u>		[mm]	[mm]		[N]	['0]		[9]	
stainless steel		oad	<u>[mmj</u>	lmmi		[N]	[6]		[8]	

¹⁾ statistical average value

Erwin Halder KG www.halder.com Page 1 of 2 Published on: 3.2.2024

Application example



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 23.01.2024.

Erwin Halder KG

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.



www.halder.com Page 2 of 2

Published on: 3.2.2024