Spring Plungers • headed, with ball and internal hexagon 22030.1080



Product Description

Spring plungers can be used for locating or for applying pressure, as a detent or for ejection. Precise screwing depth due to head.

Material

Body

· Free cutting steel, blackened

· Ball-bearing steel, hardened

Spring

Stainless steel

Assembly

Respect dimension I₃ for M 4 / M 5.

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.

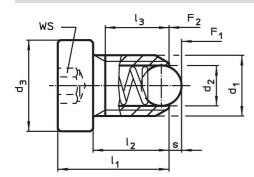
References

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

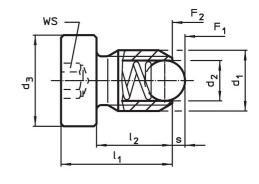
Further products

- · Locators, with bore hole, for spring plungers
- · Locators, smooth, for spring plungers

Drawing



Size M4+M5



Size M6-M12

Order information

Dimensions						WS Stroke		Spring load ¹⁾		I	Art. No.
d ₁	d ₂	d ₃	I ₁	l ₂		S	F ₁	F ₂	max.		
[mm]					[mm]	[mm]		[N]	[°C]	[9]	
free cutting steel, heavy spring load											
M8	4.5	13	18	12.5	4	1.5	36	60.5	250	7.8	22030.1080

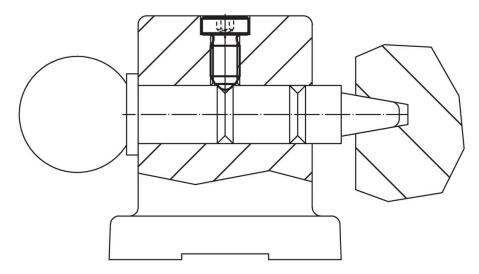
¹⁾ statistical average value

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Page 1 of 2 Published on: 10.8.2024

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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 27.06.2024.

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.



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Page 2 of 2 Published on: 10.8.2024

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