# **Spring Plungers •** headed, with ball and internal hexagon 22030.1050



## **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

· Ball-bearing steel, hardened

### Spring

Stainless steel

## Assembly

Respect dimension  $I_3$  for M 4 / M 5.

#### Characteristic

Heavy spring load: marked with two lines





Standard spring load

Heavy spring load

## More information

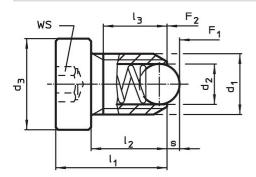
#### Notes

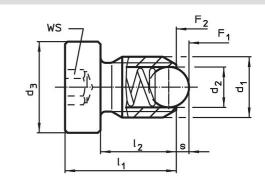
Special types on request. Spring plungers are specially tested for spring range and forces.

# References

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

## Drawing





# Size M4+M5

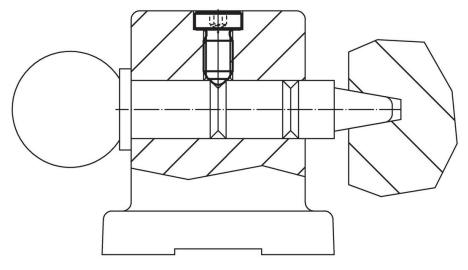
Size M6-M12

# **Order information**

Dimensions						ws	Stroke	Spring	g load <sup>1)</sup>	<b>B</b>	Ĭ	Art. No.
d <sub>1</sub>	d2	d <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub> min.		S	F <sub>1</sub>	F <sub>2</sub>	max.		
[mm]						[mm]	[mm]	[N]		[°C]	[g]	
free cutting steel, reinforced spring load												
M5	3	8	14	10	8.2	2.5	0.9	15	22	250	2.3	22030.1050

<sup>1)</sup> statistical average value

# **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.