# **Spring Plungers •** headed, with ball and internal hexagon 22030.0942



# **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**

· Stainless steel 1.4305

#### Ball

· Stainless steel, hardened

### **Spring**

Stainless steel

### **Assembly**

Respect dimension I<sub>3</sub> for M 4 / M 5.

Standard spring load: no marking





Standard spring load

Heavy spring load

### More information

#### **Notes**

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

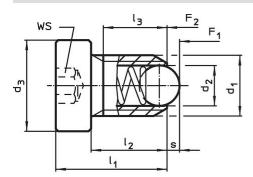
### References

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

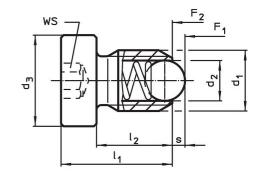
# **Further products**

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

# **Drawing**



Size M4+M5



Size M6-M12

### **Order information**

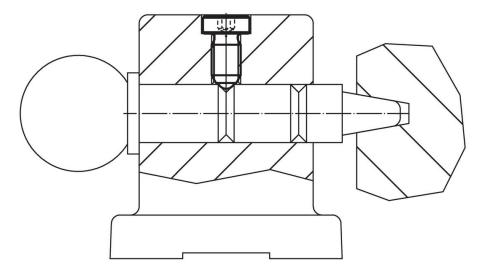
Dimensions					WS Stroke		Spring load <sup>1)</sup>		<b>B</b> :	I	Art. No.
d₁	d <sub>2</sub>	d <sub>3</sub>	I <sub>1</sub>	l <sub>2</sub>		S	F <sub>1</sub>	F <sub>2</sub>	max.		
[mm]					[mm]	[mm]	[N]		[°C]	[g]	
stainless steel, standard spring load											
M6	3.5	10	15	10	3	1	11	18	250	3.9	22030.0942

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

Erwin Halder KG

Page 1 of 2 Published on: 10.8.2024

# **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 27.06.2024.

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.



Page 2 of 2 Published on: 10.8.2024