# **Spring Plungers** • with ball and slot - INCH 2B050.0280



# **Product Description**

To be used for positioning, indexing, locking, latching as well as for other similar pressure applications.

Spring plungers can be used for locating or for applying pressure, as a detent or for ejection.

#### **Material**

#### **Body**

· Free cutting steel, blackened

· Stainless steel, hardened

## **Spring**

· Stainless steel

#### Characteristic

Heavy spring load: marked with two lines



More information





#### Notes

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

· This product is manufactured in INCH dimensions.

#### References

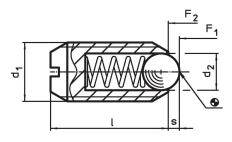
A conversion table can be found in the technical data following these product information pages.

Thread lock: polyamide spot coating (for details please refer to the technical appendix). Calculation of indexing resistance, please refer to appendix - Technical Data -

### **Further products**

- · Spring Plungers, with ball and slot
- · Locators, with bore hole, for spring plungers
- · Locators, smooth, for spring plungers

## **Drawing**



# **Order information**

	Stroke	Spring load <sup>1)</sup>				I	Art. No.					
d <sub>1</sub>		Thread	d <sub>2</sub>	l I	S	F <sub>1</sub>	F <sub>2</sub>	min.	max.			
[in]			[in]		[in]	[lb]		[°F]		[oz]		
free cutting steel, heavy spring load, With thread lock												
1/2-13	1/2	0.5	2A-UNC	9/32	3/4	0.072	6	24	-22	194	0.398	2B050.0280

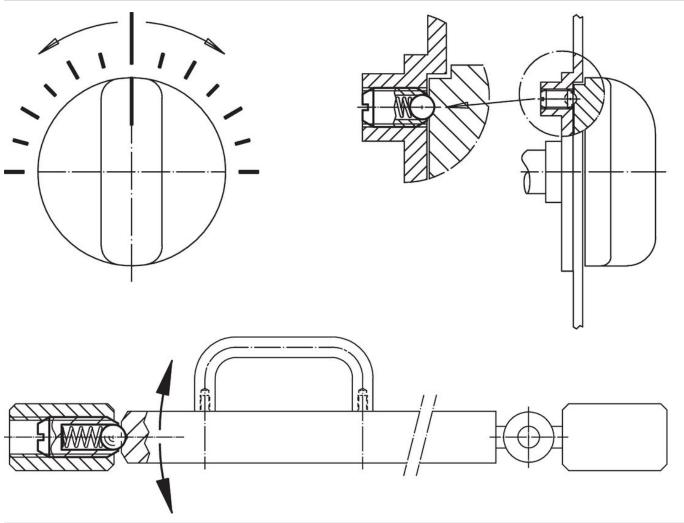
<sup>1)</sup> statistical average value

Erwin Halder KG

www.halder.com Page 1 of 2

Published on: 10.8.2024

# **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.



Page 2 of 2 Published on: 10.8.2024