# **Spring Plungers** • with ball and slot - INCH 2B050.0378



## **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**

• Stainless steel 1.4305 (ASTM-A-582)

· Stainless steel, hardened

### **Spring**

· Stainless steel

#### Characteristic

Heavy spring load: marked with two lines







## Light spring load

#### More information

#### Notes

Customized design on request. Spring plungers are specially tested for spring range and forces.

· This product is manufactured in INCH dimensions.

#### References

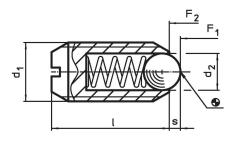
A conversion table can be found in the technical data following these product information pages.

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**

| Dimensions   |     |       |        |                |      | Stroke | Spring load <sup>1)</sup> |                |      |      | Ĭ     | Art. No.   |
|--|-----|-------|--------|----------------|------|--------|---------------------------|----------------|------|------|-------|------------|
| d <sub>1</sub>                                       |     |       | Thread | d <sub>2</sub> | ı    | S      | F <sub>1</sub>            | F <sub>2</sub> | min. | max. |       |            |
| [in]   |     |       | [in]   |                | [in] | [lb]   |                           | [°F]           |      | [oz] |       |            |
| stainless steel, heavy spring load, With thread lock |     |       |        |                |      |        |                           |                |      |      |       |            |
| 3/8-16   | 3/8 | 0.375 | 2A-UNC | 3/16           | 5/8  | 0.048  | 7.5                       | 15.1           | -22  | 194  | 0.198 | 2B050.0378 |

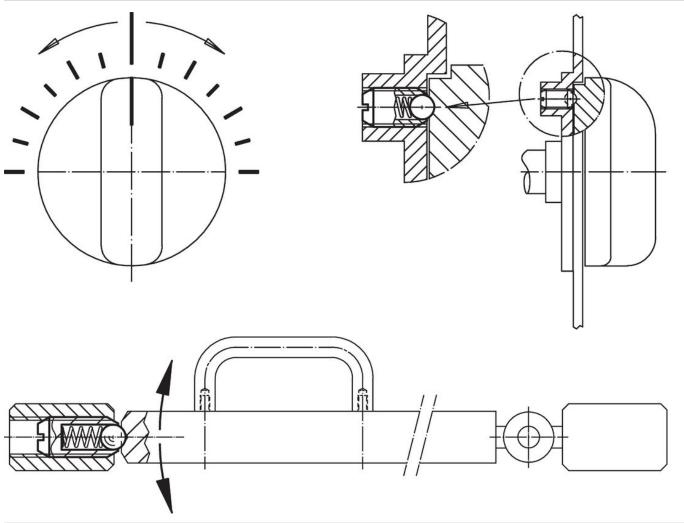
<sup>1)</sup> statistical average value

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Published on: 13.11.2024

## **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.

## 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.



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