# **Spring Plungers** • smooth, with collar and ball 22080.0206



## **Product Description**

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

#### Material

#### Body

Brass

#### Ball

· Stainless steel, hardened

#### **Spring**

Stainless steel

#### **Assembly**

A tolerance of H7 is recommended for the locating hole of d<sub>1</sub>.

#### Characteristic

Standard spring load: no marking







Light spring load

Standard spring load

#### More information

#### **Notes**

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

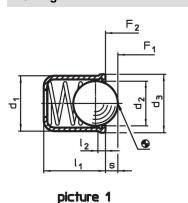
#### References

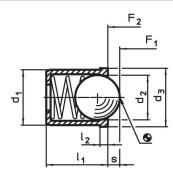
Calculation of indexing resistance, please refer to appendix - Technical Data -Version with higher spring forces see "EH 22080. Spring Plungers, smooth, long, with

# collar and ball". **Further products**

- · Spring Plungers, with collar and ball, front slot
- Spring Plungers, smooth, long, with collar and ball
- Spring Plungers, smooth, with collar and ball, self-clamping
- Locators, with bore hole, for spring plungers
- Locators, smooth, for spring plungers
- Holders, for spring plungers

## **Drawing**





picture 2



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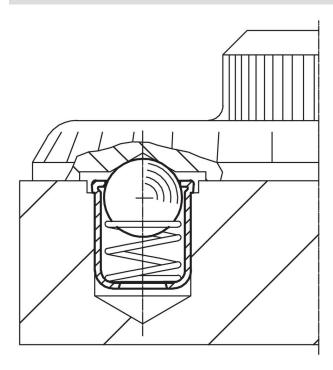
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## **Order information**

Dimensions					Stroke	Spring load <sup>1)</sup>			Location hole	Ĭ	Art. No.
<b>d</b> ₁ +0.1	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.	H7		
[mm]					[mm]		[N]	[°C]	[mm]	[g]	
body from brass, ball from stainless steel, standard spring load – picture 2											
6	5	6.5	7	1	1.6	6	11.5	250	6	1.2	22080.0206

<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 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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