# Spring Plungers • long version 22070.0452



#### **Product Description**

To be used for ejecting, as a detent, for applying pressure or as a shock element.

#### **Material**

Pin

• Steel, case-hardened, black

#### Body

· Free cutting steel, blackened

#### Spring

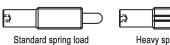
Stainless steel

#### Assembly

Spring plungers can be mounted and removed by means of the slot or internal hexagon. Please use a special assembly tool for mounting with a slot (pin side).

#### Characteristic

Standard spring load: no marking





#### More information

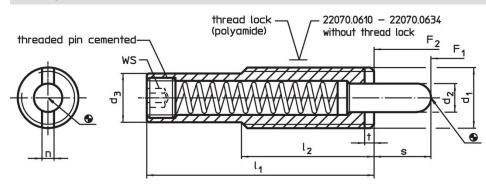
#### Notes

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

#### References

Thread lock: polyamide all-arround coating (for details please refer to the technical appendix).

#### Drawing



#### **Order information**

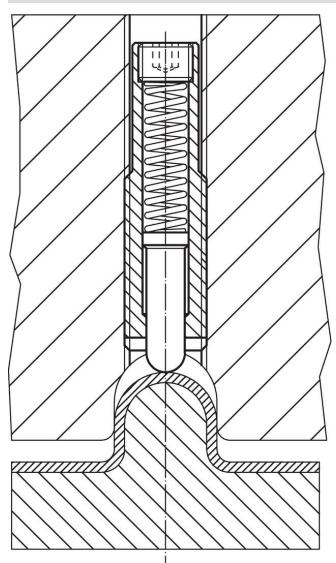
Dimensions							Stroke	WS Spring load <sup>1)</sup>				I	Art. No.	
d <sub>1</sub>	I <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	l <sub>2</sub>	n	t	S		F₁ ~	F <sub>2</sub>	min.	max.		
[mm]							[mm]	[mm]		[N]	[°C	]	[g]	
body from free cutting steel, standard spring load, with thread lock														
M16	118	8	13.4	35	3.2	3	30	6	24	110	-30	90	97	22070.0452

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

#### Accessories

		<b>I</b>	Art. No.							
	d <sub>1</sub>	b	d	I	-					
			[mm]	[g]						
Assembly Tool for mounting via slot (pin sided)										
	M16	80	13.4	95	110	22070.0834				

## 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**

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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.