# Spring Plungers ⋅ long 22070.0616



# **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

· Heat-treated steel, tempered, blackened

#### **Spring**

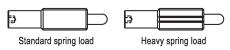
Stainless steel

#### **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

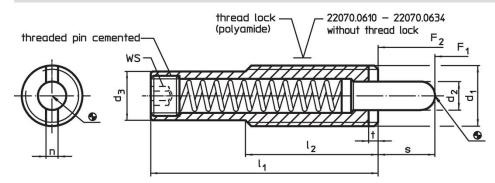
#### **Notes**

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**



Erwin Halder KG

### **Order information**

Dimensions							Stroke	ws	Spring	load <sup>1)</sup>		I	Art. No.
d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	I <sub>1</sub>	l <sub>2</sub>	n	t	S		F <sub>1</sub>	F <sub>2</sub>	max.		
[mm]							[mm]	[mm]	[N		[°C]	[g]	
body from heat treated steel, standard spring load, without locking													
M16	7.3	13.4	200	35	3.2	3	41	8	16	80	250	149	22070.0616

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

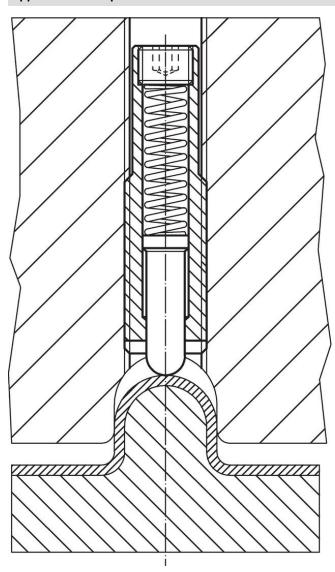
www.halder.com Page 1 of 3

Published on: 3.2.2024

# Accessories

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

# **Application example**



www.halder.com

# 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 23.01.2024.

#### 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.



Erwin Halder KG

www.halder.com Page 3 of 3

Published on: 3.2.2024