Spring Plungers · long

22070.0512

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

Heavy spring load: marked with two lines

Standard spring load   Heavy spring load

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).
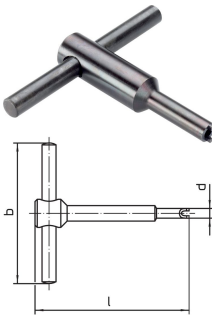
Drawing

threaded pin cemented

thread lock (polyamide)

22070.0610 – 22070.0634 without thread lock

Order information

Dimensions							Stroke s	WS	Spring load[1]					Art. No.
d_1	d_2	d_3	l_1	l_2	n	t			F_1 ~	F_2 ~	min.	max.		
[mm]							[mm]	[mm]	[N]		[°C]		[g]	
body from free cutting steel, heavy spring load, with thread lock														
M12	5.5	9.5	**43**	35	2.7	2	**10**	4	7	46	-30	90	23	**22070.0512**

[1] statistical average value

Accessories

	Dimensions					Art. No.
	d_1	b	d	l	🔩	
			[mm]		[g]	
Assembly Tool for mounting via slot (pin sided)						
	M12	80	9.5	75	88	**22070.0832**

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 23.01.2024.

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.