Spring Plungers • with ball and slot - INCH
2B050.0310

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)

Ball
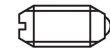• Stainless steel, hardened

Spring
• Stainless steel

Characteristic

Light spring load: marked with one line

Light spring load   Standard spring load   Heavy spring load

More information

Notes

Special types 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

Drawing

Order information

Dimensions					Stroke s	Spring load[1]		🌡		📦	Art. No.
d₁		Thread	d₂	l		F₁ ~	F₂ ~	min.	max.		
	[in]			[in]	[in]	[lb]		[°F]		[oz]	
stainless steel, light spring load, With thread lock											
#10-32	0.19	2A-UNF	3/32	33/64	0.025	0.9	1.5	-22	194	0.048	**2B050.0310**

[1] statistical average value

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 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.