Ball Lock Pins · self-locking, with adjustable handle
22380.0592

Product Description

For fixing and clamping of two parts or play-free application to the counterpart. Clamping range infinitely variable by hand via nut/lock nut.
All versions are corrosion resistant. When using stainless steel 1.4542: high-strength, hardened, abrasion resistant pin with high load capacity.

Material

Pin part
• Stainless steel 1.4542, precipitation-hardened

Lock nut
• Thermoplastic, black

Spring
• Stainless steel

Adjusting nut
• Thermoplastic, silver

Operation

The balls are unlocked by pressing the button.

Characteristic

Types from stainless steel 1.4542 with marking below the balls.

More information

Notes

Special types on request.

Accessories

Can easily be fitted with retaining cable EH 22400.

Further products

• Locating Bushings, for ball lock pins and socket pins
• Locating Bushings, with flange, for ball lock pins and socket pins
• Retaining Cables
• Positioning Bushings, with collar, DIN 172 A
• Positioning Bushings, without collar, DIN 179 A

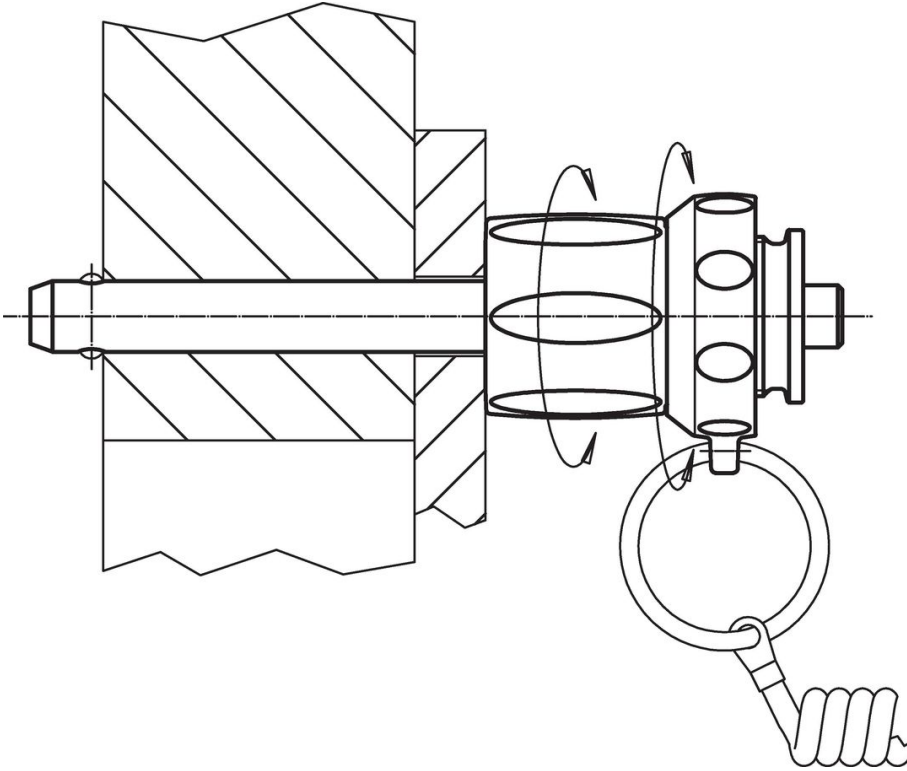## Drawing

** Types from stainless steel 1.4542 with marking.

Order information

Dimensions									Location hole H11	🌡️		⚖️	Shearing resistance, two-shear[1] min.	Art. No.
d_1 -0.04 -0.08	l_1 +0.6	d_2	d_3	d_4	l_2 ±1	l_3	l_4	l_5		min.	max.			
[mm]									[mm]	[°C]		[g]	[kN]	
Stainless steel														
5	**0 – 10**	5.5	17.6	23.6	6	25.7	26.2	15.9	5	-30	80	24	24	**22380.0592**

[1] Shearing resistance similar to DIN 50141

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.