# Ball Lock Pins · self-locking, with standard handle

# 22380.0045



# **Product Description**

For quick fastening, locking, adjusting, changing and securing. Quickly and easily unlockable for frequently repeated connections.

All versions are corrosion resistant. When using stainless steel 1.4542: high-strength, hardened, abrasion resistant pin with high load capacity. Compact design with standard handle.

#### Material

## Pin part

· Stainless steel 1.4542, precipitationhardened

# Spring

· Stainless steel

## **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.

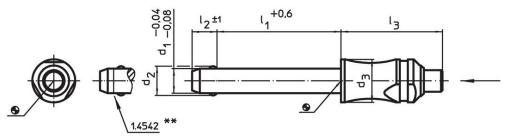
#### **Accessories**

Can easily be fitted with retaining cable EH 22400.

### **Further products**

- · Ball Lock Pins, self-locking, with standard handle, titanium
- 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**



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## **Order information**

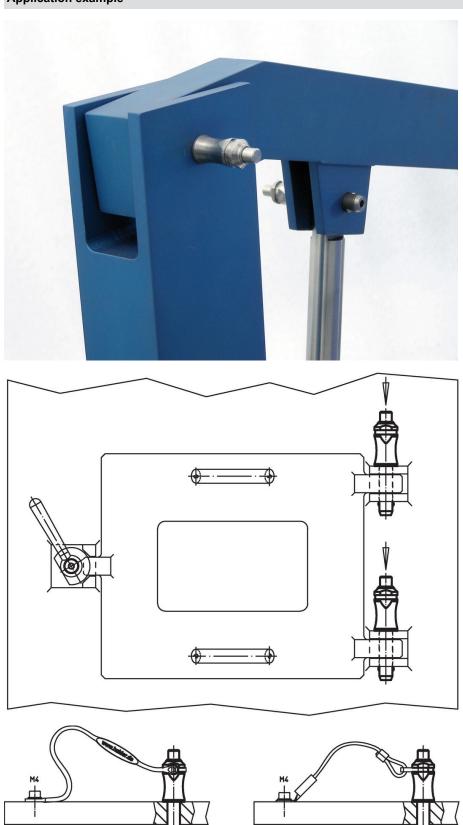
Dimensions						Location hole		I	Shearing resistance,	Art. No.
<b>d</b> <sub>1</sub> -0.04 -0.08	l₁ +0.6	d <sub>2</sub>	d <sub>3</sub>	l <sub>2</sub> ±1	l <sub>3</sub>	пп	max.		two-shear <sup>1)</sup> min.	
[mm]						[mm]	[°C]	[g]	[kN]	
Stainless steel										
10	25	12	14	9.6	33.1	10	250	42	100	22380.0045

<sup>1)</sup> Shearing resistance similar to DIN 50141

Page 1 of 3 Published on: 10.8.2024

<sup>\*\*</sup> Types from stainless steel 1.4542 with marking

# **Application example**





Page 2 of 3 Published on: 10.8.2024

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# 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 27.06.2024.

## 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.



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Page 3 of 3 Published on: 10.8.2024

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