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

22370.0644



# **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 1.4305

#### 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.

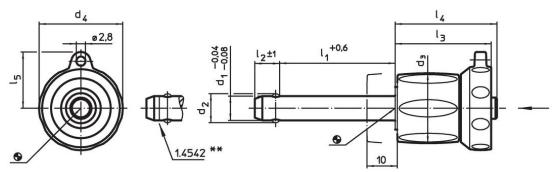
#### Accessories

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.

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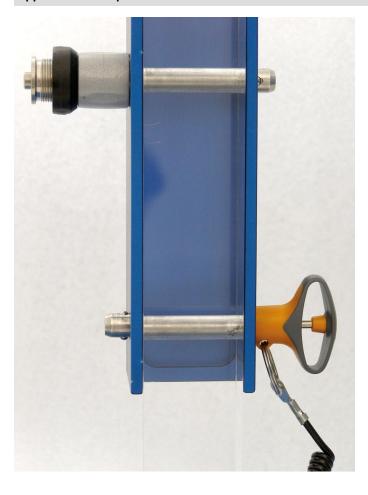
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# **Order information**

| Dimensions                              |                                 |                |                |      |          |                |                |                |             |      |      | I   | Shearing resistance,         | Art. No.   |  |
|---|---------------------------------|----------------|----------------|------|----------|----------------|----------------|----------------|-------------|------|------|-----|------------------------------|------------|--|
| <b>d</b> <sub>1</sub><br>-0.04<br>-0.08 | l <sub>1</sub><br>+0.6          | d <sub>2</sub> | d <sub>3</sub> | d₄   | l₂<br>±1 | l <sub>3</sub> | I <sub>4</sub> | I <sub>5</sub> | hole<br>H11 | min. | max. |     | two-shear <sup>1)</sup> min. |            |  |
| [mm]                                    |                                 |                |                |      |          |                |                |                | [mm]        | [°C] |      | [g] | [kN]                         |            |  |
| Stainle                                 | Stainless steel Stainless steel |                |                |      |          |                |                |                |             |      |      |     |                              |            |  |
| 12                                      | 60 – 70                         | 14.5           | 29             | 34.6 | 10.6     | 36.7           | 39.5           | 21.8           | 12          | -30  | 80   | 159 | 87                           | 22370.0644 |  |

<sup>1)</sup> 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.



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