# Ball Lock Pins • self-locking, with T-Handle

22340.0089



# **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.

# Version with ergonomic grip.

### Material

## Pin part

· Stainless steel 1.4305

Aluminium, black similar to RAL 9005

### Press button

· Stainless steel, black

## **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

Customized design on request.

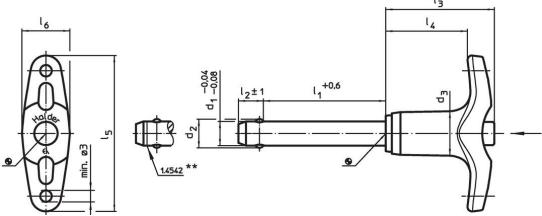
• This product is also available in INCH dimensions.

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
- Ball Lock Pins with T-Handle, single acting comply with NAS / MS17985

# **Drawing**



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\*\* Types from stainless steel 1.4542 with marking.

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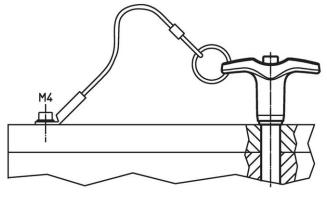
# **Order information**

| Dimensions                              |                                 |                |                |                      |                |                |                |                |             |      | <b>]</b> | 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> | l <sub>2</sub><br>±1 | I <sub>3</sub> | I <sub>4</sub> | I <sub>5</sub> | I <sub>6</sub> | hole<br>H11 | min. | max.     |     | two-shear <sup>1)</sup> min. |            |  |
| [mm]                                    |                                 |                |                |                      |                |                |                |                | [mm]        | [°C] |          | [g] | [kN]                         |            |  |
| Stainle                                 | Stainless steel Stainless steel |                |                |                      |                |                |                |                |             |      |          |     |                              |            |  |
| 20                                      | 50                              | 24.8           | 23.4           | 17                   | 43.1           | 29.8           | 74.8           | 24.7           | 20          | -30  | 150      | 245 | 244                          | 22340.0089 |  |

<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 27.06.2024.

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# 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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