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

22340.0133



## **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

#### Handle

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

### **Notes**

Special types on request.

This product is also available in INCH dimensions.

#### 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
- Ball Lock Pins with L-handle, single acting comply with NAS / MS17986

## **Drawing**



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

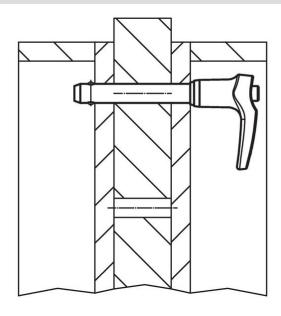
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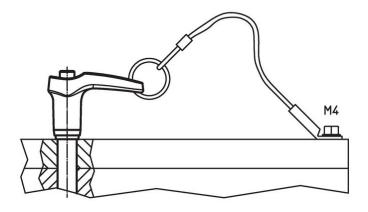
## **Order information**

| <b>d</b> ₁<br>-0.04<br>-0.08 |                 | d <sub>2</sub> | d <sub>3</sub> | l <sub>2</sub><br>±1 | Dimension<br>I₃ | s<br>l <sub>4</sub> | I <sub>5</sub> | I <sub>6</sub> | l <sub>7</sub> | Location hole<br>H11 | min. | max. | Ĭ   | Shearing<br>resistance,<br>two-shear <sup>1)</sup><br>min. | Art. No.   |
|------------------------------|-----------------|----------------|----------------|----------------------|-----------------|---------------------|----------------|----------------|----------------|----------------------|------|------|-----|--|------------|
|                              | [mm]            |                |                |                      |                 |                     |                |                |                |                      | [°C] |      | [g] | [kN]   |            |
| Stai                         | Stainless steel |                |                |                      |                 |                     |                |                |                |                      |      |      |     |  |            |
| 8                            | 15              | 9.5            | 14.7           | 8.2                  | 35.8            | 24.4                | 49.7           | 15.8           | 9.9            | 8                    | -30  | 150  | 36  | 38   | 22340.0133 |

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

# **Application example**





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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 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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