# Lifting Pins · self-locking 22350.0645



#### **Product Description**

Heavy-duty lifting element for quick and easy use, with moveable shackle and locking stud to provide protection against unintentional unlocking. Special lifting devices, e.g. threads for ring bolts, are no longer required on the workpiece. All versions are corrosion-resistant.

#### **Material**

### Pin part

• Heat-treated steel, tempered, manganese phosphated

#### Press button

Aluminium, red anodised

#### Shackle

- Heat-treated steel, tempered, manganese
  phosphated
- Spring
- Stainless Steel

#### Assembly

Simple H11 boreholes are sufficient.

#### Mounting:

- 1. Press in the button and hold it down
- 2. Insert the lifting pin
- 3. Release the button (The button must be back in its original position)

### Dismantling:

- 1. Press in the button and hold it down.
- 2. Remove the lifting pin.
- 3. Release the button.

#### Operation

Each lifting pin contains an instruction manual with an EC Declaration of Conformity.

#### More information

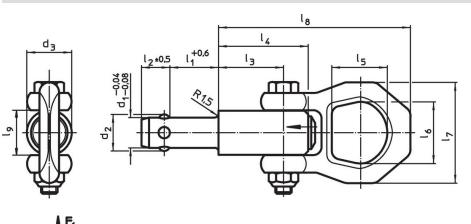
#### Accessories

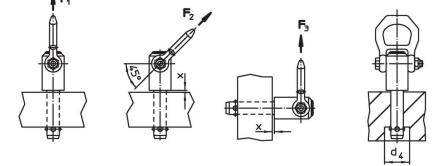
As accessories, we offer matching locating bushings for  $d_1$  = 8, 10, 12, 16 and 20

#### **Further products**

- Lifting Pins, self-locking, stainless steel
- Locating Bushings, for lifting pins
- · Locating Bushings, plain, for lifting pins
- Locating Bushings with Seal, plain, for lifting pins
- · Threaded Lifting Pins, self-locking
- Threaded Lifting Pins, self-locking, for centre holes according to DIN 332
- Threaded Lifting Pins, self-locking, with rotatable shackle
- Threaded Lifting Pins, self-locking INCH
- Threaded Lifting Pins, self-locking, with rotatable shackle - INCH

## Drawing





## Order information

| Dimensions                              |      |                |                |                   |                   |                |                |                |                |                |                |      | Load capacity<br>according to<br>DIN EN 13155 |     |                | X    |      | Location<br>hole<br>H11 | max. | Ĭ   | Art. No.   |
|---|------|----------------|----------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|------|---|-----|----------------|------|------|-------------------------|------|-----|------------|
| <b>d</b> <sub>1</sub><br>-0.04<br>-0.08 |      | d <sub>2</sub> | d <sub>3</sub> | <b>d₄</b><br>min. | <b>l₂</b><br>±0.5 | I <sub>3</sub> | I <sub>4</sub> | I <sub>5</sub> | I <sub>6</sub> | I <sub>7</sub> | I <sub>8</sub> | lg   | F <sub>1</sub>                                | F₂  | F <sub>3</sub> | min. | max. |                         |      |     |            |
|   | [mm] |                |                |                   |                   |                |                |                |                |                |                |      |   |     | [kN]           |      |      | [mm]                    | [°C] | [g] |            |
| 16                                      | 75   | 18.6           | 25             | 19.2              | 15.1              | 31             | 44.5           | 27             | 30             | 49             | 92.8           | 21.5 | 4.8   | 4.5 | 4.1            | 1.5  | 40   | 16                      | 250  | 467 | 22350.0645 |

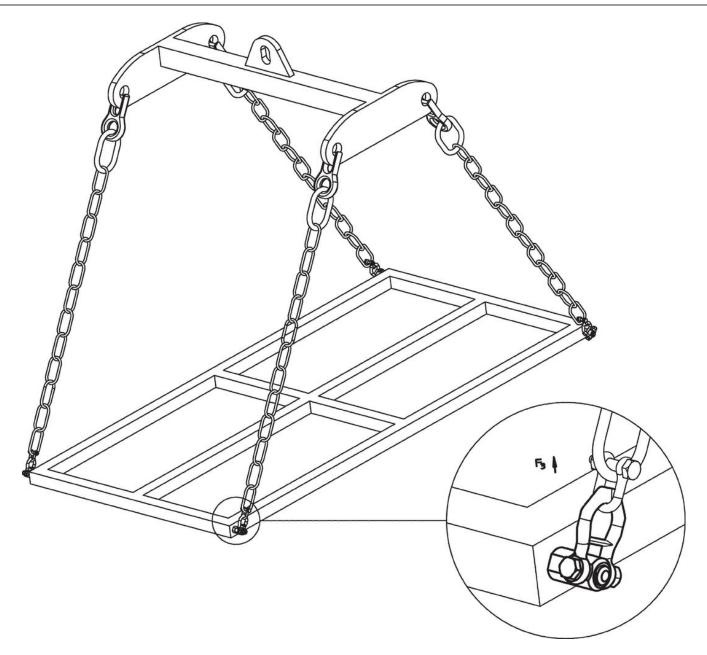
## Application example

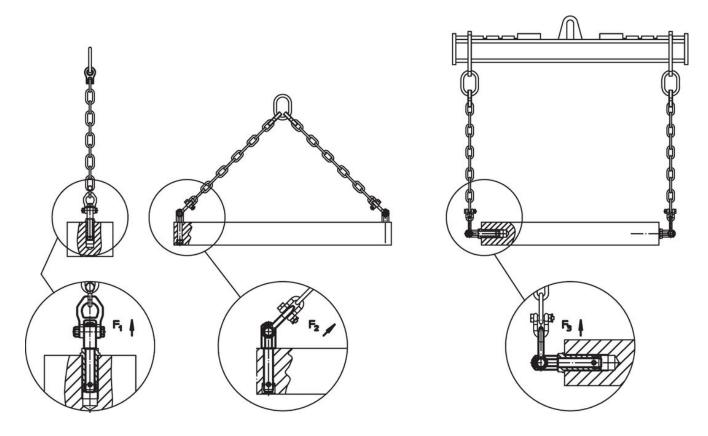












## Compliance

### **RoHS compliant**

Contains lead - compliant according to exceptions 6a / 6b / 6c.

#### Contains SVHC substances >0,1% w/w Contains lead - SVHC list [REACH] as of 27.06.2024.

#### **Contains Proposition 65 substances**

Lead can cause cancer and reproductive harm from exposure 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.