# Threaded Lifting Pins · self-locking

22352.1020







## **Product Description**

Heavy-duty lifting element for quick and easy use, with moveable shackle and locking stud to provide protection against unintentional unlocking. For lifting loads, the threaded lifting pin is inserted into a threaded hole. In contrast to a ringbolt, time-consuming screwing in and out is therefore unnecessary.

All versions are corrosion-protected. The version made of stainless steel is also resistant to corrosion and weathering, so it is also suitable for external use. In addition, the high-strength, precipitation-hardened pin makes extreme loads possible.

#### Material

## Pin part

· Stainless steel 1.4542, precipitationhardened

#### **Press button**

Aluminium, orange, anodised

#### Threaded element

· Stainless steel 1.4542, precipitationhardened

#### Shackle

Stainless steel 1.4571

#### Spring

Stainless Steel

## **Assembly**

Threaded lifting pins can be mounted into a thread that is true to gauge.

### Mounting:

- 1. Press in the button and hold it down.
- 2. Insert the threaded lifting pin.
- 3. Release the button (The button must be back in its original position.).
- 4. Tighten the threaded lifting pin by hand, until it bears compleately on the bearing surface.
- 5. It must be ensured that the threaded segments are engaged in the mounting thread.

### Dismantling:

- 1. Unscrew the threaded lifting pin approx. a quarter of a turn anticlockwise.
- 2. Press in the button and hold it down.
- 3. Remove the threaded lifting pin.
- 4. Release the button.

#### Operation

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

#### More information

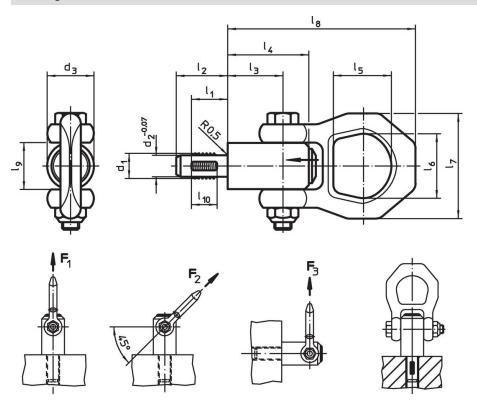
## **Further products**

- · Lifting Pins, self-locking
- Lifting Pins, self-locking, stainless steel
- 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



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# **Drawing**



# **Order information**

Dimensions												Load capacity according to DIN EN 13155			Locating thread		Ĭ	Art. No.	
d <sub>1</sub>	I <sub>1</sub>	<b>d</b> <sub>2</sub> -0.07	d <sub>3</sub>	l <sub>2</sub>	l <sub>3</sub>	I <sub>4</sub>	I <sub>5</sub>	I <sub>6</sub>	I <sub>7</sub>	I <sub>8</sub>	l <sub>9</sub>	I <sub>10</sub>	F <sub>1</sub>	F <sub>2</sub>	F <sub>3</sub>		max.		
[mm]													[kN]		[mm]	[°C]	[g]		
Stainles	Stainless steel																		
M20	22	17.25	30	30	36.5	52	32.6	36	56	114	26	17	10	7.7	5.8	M20	250	519	22352.1020

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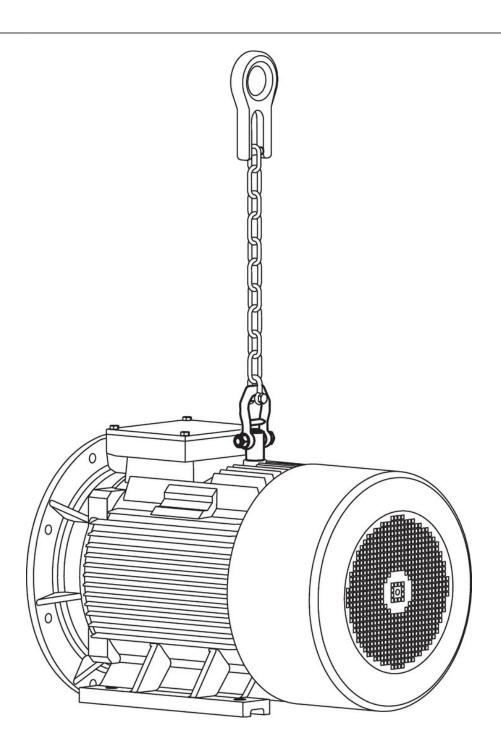
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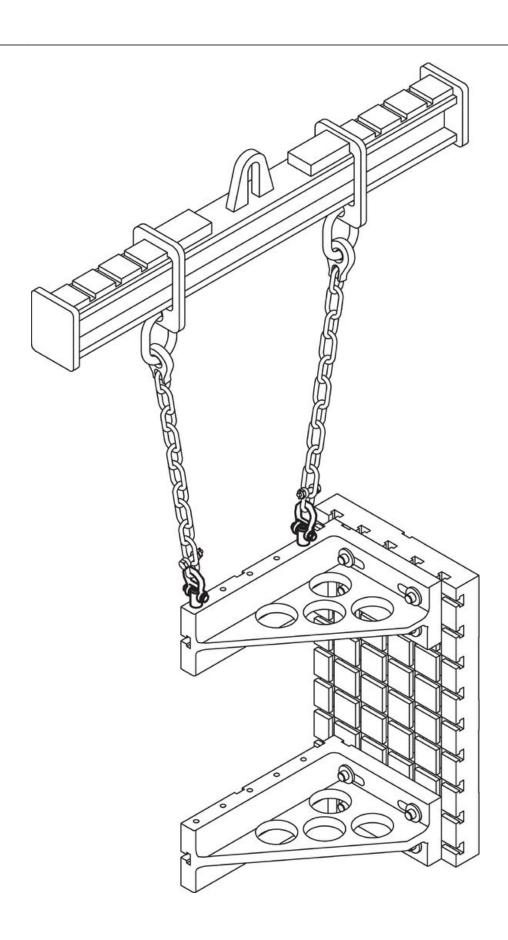
# **Application example**

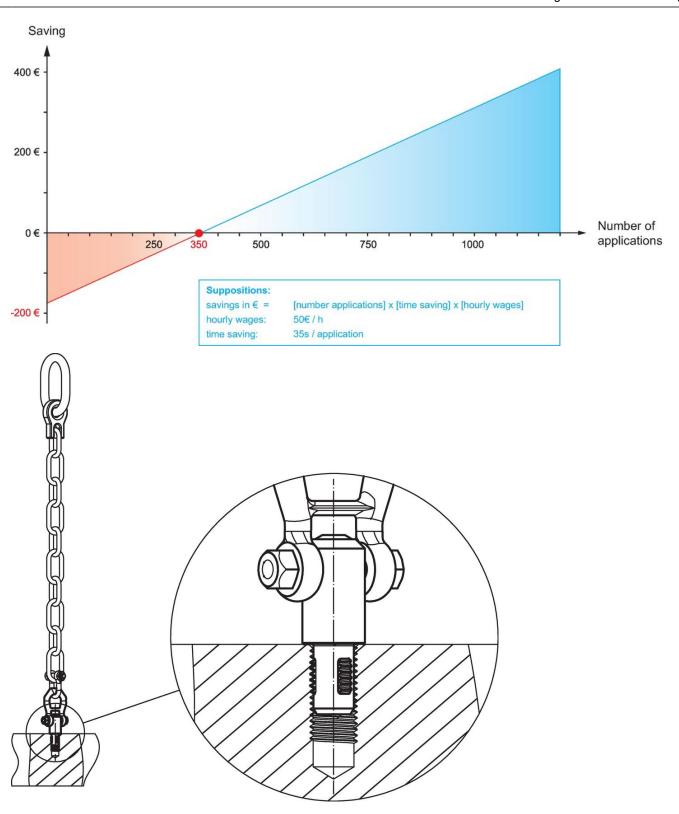






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# Compliance

# 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 23.01.2024.

### **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.



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