# Threaded Lifting Pins • self-locking, for centre holes according to DIN 332

**Product Description** 



This threaded lifting pin is used when there is a threaded hole with a counterbore according to DIN 332.

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

 Heat-treated steel, tempered, manganese phosphated

#### Press button

· Aluminium, orange, anodised

#### Threaded element

 Stainless steel 1.4542, precipitationhardened

#### **Shackle**

 Heat-treated steel, tempered, manganese phosphated

## **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.
- It must be ensured that the threaded segments are engaged in the mounting thread.

## Dismantling:

- 1. Unscrew the threaded lifting pin approx. a guarter 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**

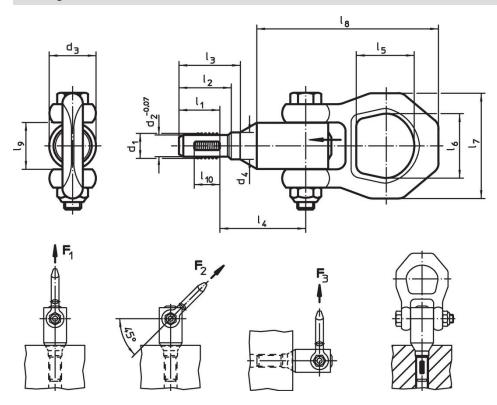
- · Lifting Pins, self-locking
- Lifting Pins, self-locking, stainless steel
- Threaded Lifting Pins, self-locking
- Threaded Lifting Pins, self-locking, with rotatable shackle
- Threaded Lifting Pins, self-locking INCH
- Threaded Lifting Pins, self-locking, with rotatable shackle - INCH





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# **Drawing**



# **Order information**

Dimensions													Load capacity according to DIN EN 13155			Locating thread	<u>I</u>	Ĭ	Art. No.	
d <sub>1</sub>	I <sub>1</sub>	<b>d</b> <sub>2</sub> -0.07	d <sub>3</sub>	d <sub>4</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]	
Heat-t	Heat-treated steel																			
M20	25	17.75	30	20.7	31.8	39.1	53.7	32.6	36	56	109.2	30	17	16.6	7.7	5.8	M20	250	554	22352.2020

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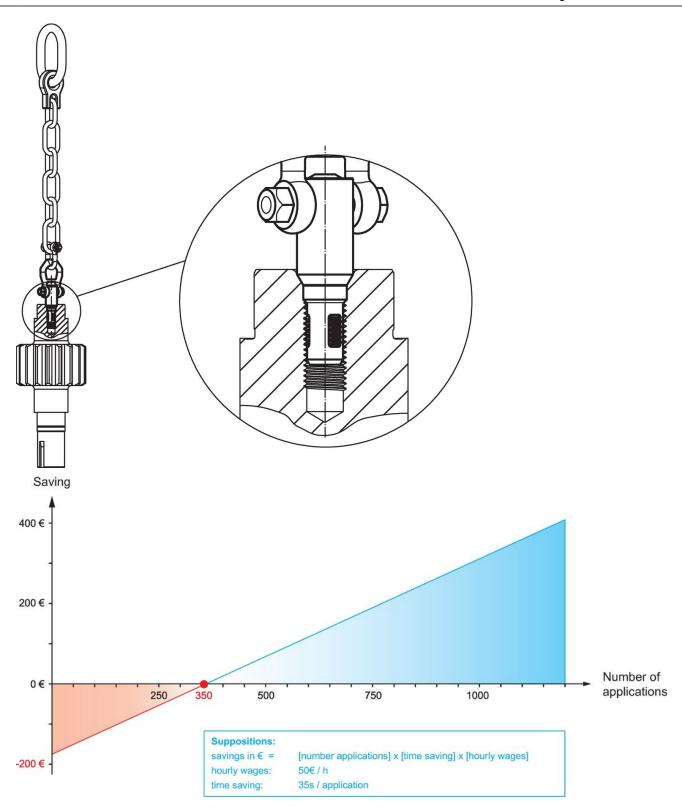
# **Application example**





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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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