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

22380.0640



# **Product Description**

For fixing and clamping of two parts or play-free application to the counterpart. Clamping range infinitely variable by hand via nut/lock nut.

All versions are corrosion resistant. When using stainless steel 1.4542: high-strength, hardened, abrasion resistant pin with high load capacity.

#### **Material**

## Pin part

 Stainless steel 1.4542, precipitationhardened

#### Lock nut

· Thermoplastic, black

## **Spring**

· Stainless steel

## Adjusting nut

· Thermoplastic, silver

# **Operation**

The balls are unlocked by pressing the button.

#### Characteristic

Types from stainless steel 1.4542 with marking below the balls.

## More information

#### **Notes**

Customized design on request.

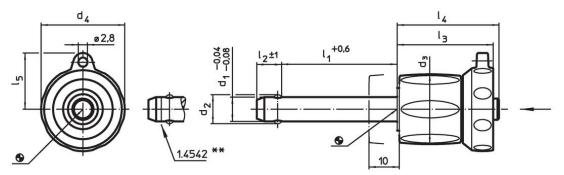
#### **Accessories**

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

# **Drawing**



Erwin Halder KG

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

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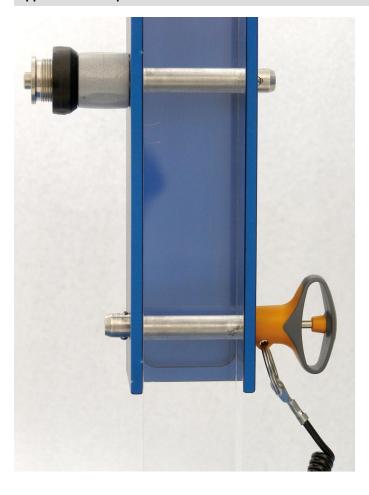
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# **Order information**

Dimensions											I	Shearing resistance,	Art. No.
<b>d</b> <sub>1</sub> -0.04 -0.08	l <sub>1</sub> +0.6	d <sub>2</sub>	d₃	d₄	l₂ ±1	l <sub>3</sub>	I <sub>4</sub>	l <sub>5</sub>	hole H11	min. max.		two-shear <sup>1)</sup> min.	
[mm]									[mm]	[°C]	[g]	[kN]	
Stainless steel													
12	40 – 50	14.5	29	34.6	10.6	36.7	39.5	21.8	12	-30 80	142	144	22380.0640

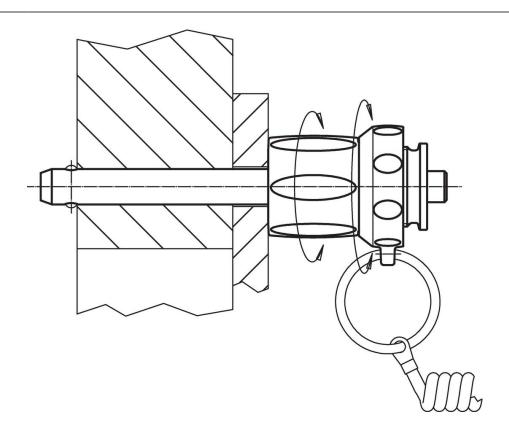
<sup>1)</sup> Shearing resistance similar to DIN 50141

# **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 27.06.2024.

## 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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