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

22340.0190



## **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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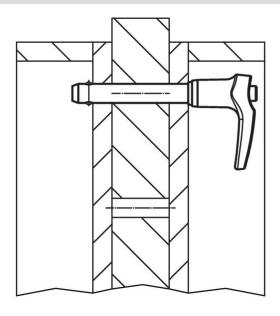
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## **Order information**

_		يد ا	ا ا		Dimension		Location hole H11	min.	l may	I	Shearing resistance,	Art. No.			
<b>d</b> <sub>1</sub> -0.04 -0.08	+0.6	d <sub>2</sub>	d <sub>3</sub>	±1	13	14	15	16	I <sub>7</sub>		111111.	max.		two-shear <sup>1)</sup> min.	
	[mm]										[°C]		[g]	[kN]	
Stainl	Stainless steel Stainless steel														
20	60	24.8	23.4	17	43.1	27.3	67.6	24.7	15.1	20	-30	150	272	244	22340.0190

<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.



www.halderusa.com Page 3 of 3

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