# Ball Lock Pins · self-locking, with combination handle, precipitation-hardened



# **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.

Ergonomic grip, different colour combinations available. The grip design provides protection of unintentional unlocking.

#### Material

#### Pin part

· Stainless steel 1.4542, precipitationhardened

#### Handle

• Thermoplastic PA 6 black / black

· 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**

Customized design on request.

#### References

Stainless steel 1.4305, see EH 22370.

#### **Accessories**

Can easily be fitted with retaining cable EH 22400.

#### **Further products**

- · Ball Lock Pins, self-locking, with combination handle
- 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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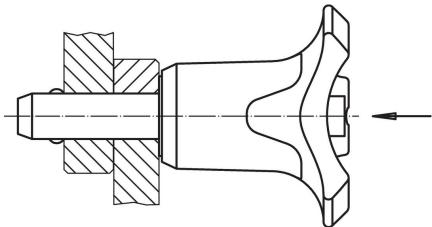
# **Order information**

Dimensions								Location	Shearing			I	Art. No.	
<b>d</b> <sub>1</sub> -0.04 -0.08	l <sub>1</sub> +0.6	d <sub>2</sub>	d <sub>3</sub>	d₄	l <sub>2</sub> ±1	l <sub>3</sub>	l <sub>4</sub>	hole H11	resistance, two-shear <sup>1)</sup> min.	ear <sup>1)</sup> min.	max.			
[mm]								[mm]	[kN]	[°C]		[g]		
Handle	Handle colour: black													
16	35	19	47.6	25.2	14	39.7	16.7	16	257	-30	80	140	22380.0887	

<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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