# Ball Lock Pins • self-locking, with T-Handle

22340.0097



# **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

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

Special types on request.

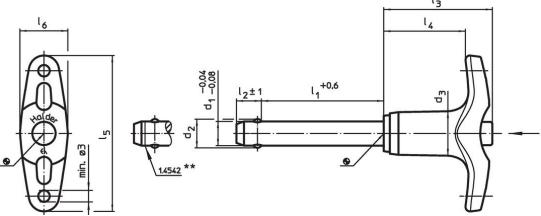
· This product is also available in INCH dimensions.

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
- Ball Lock Pins with T-Handle, single acting comply with NAS / MS17985

# **Drawing**



Erwin Halder KG

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

Page 1 of 2 Published on: 10.8.2024

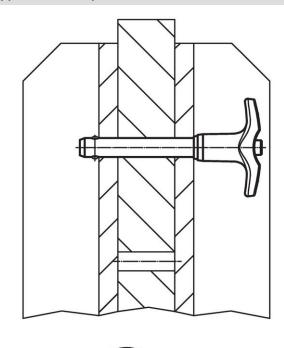
www.halder.com

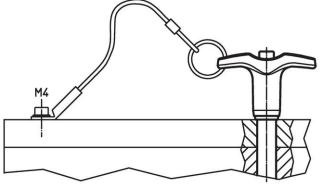
# **Order information**

Dimensions									Location hole	(		I	Shearing resistance,	Art. No.	
<b>d</b> <sub>1</sub> -0.04 -0.08	l₁ +0.6	d <sub>2</sub>	d <sub>3</sub>	l <sub>2</sub> ±1	l <sub>3</sub>	I <sub>4</sub>	l <sub>5</sub>	I <sub>6</sub>	H11	min.	max.		two-shear <sup>1)</sup> min.		
[mm]									[mm]	[°C]		[g]	[kN]		
Stainle	Stainless steel														
20	130	24.8	23.4	17	43.1	29.8	74.8	24.7	20	-30	150	436	244	22340.0097	

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

# **Application example**





# 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.

Erwin Halder KG

# 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.



Page 2 of 2 Published on: 10.8.2024