# **Positioning Clamping Pins** 23111.0022



# **Product Description**

The positioning clamping pin allows fast clamping, fastening, adjusting, changing and securing of workpieces, plates, fixture systems etc.

#### **Material**

· Heat-treated steel, tempered, blackened

#### Operation

By tightening the clamping screws, the positioning clamping pin is centered and clamped with four balls in the locating bush. The clamping screw can be operated manually via a removable handle (Art.-Nr. 23111.0900/.0902) or via an hex. key.

#### More information

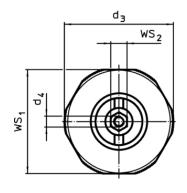
#### **Accessories**

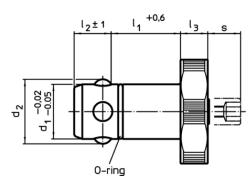
Suitable bushings are available.

#### **Further products**

- · Manual Handles, for positioning clamping
- Bushings, for positioning clamping pins
- Locating Bushings, for positioning clamping pins, for press fit
- Locating Bushings, for positioning clamping pins, for screw fit

## **Drawing**





## **Order information**

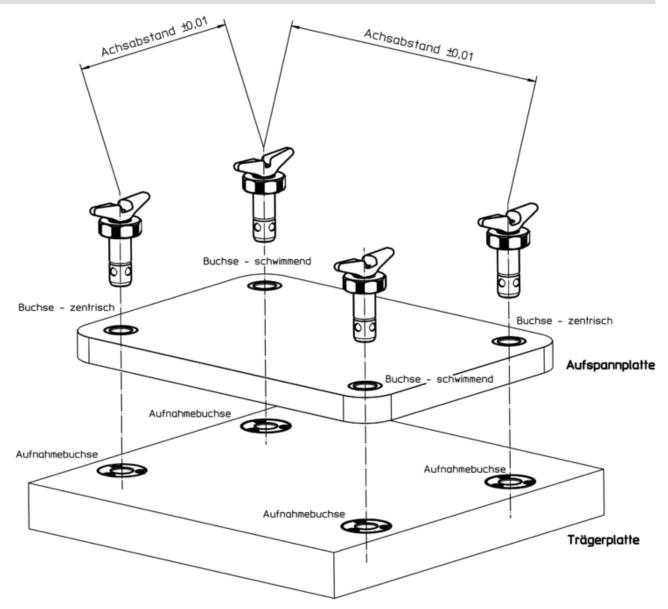
Dimensions								For base	WS₁	WS <sub>2</sub>	Holding force	I	Art. No.	
d <sub>1</sub>	l <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d₄	l <sub>2</sub>	l <sub>3</sub>	s	plates				_		
-0,02 -0,05	+0,6				±1		~	±0,05						
[mm]								[mm]	[mm]	[mm]	[kN]	[g]		
Heat-trea	Heat-treated steel													
20	30	23,6	40	M4	13,6	10	9	25	38	6	6	185	23111.0022	



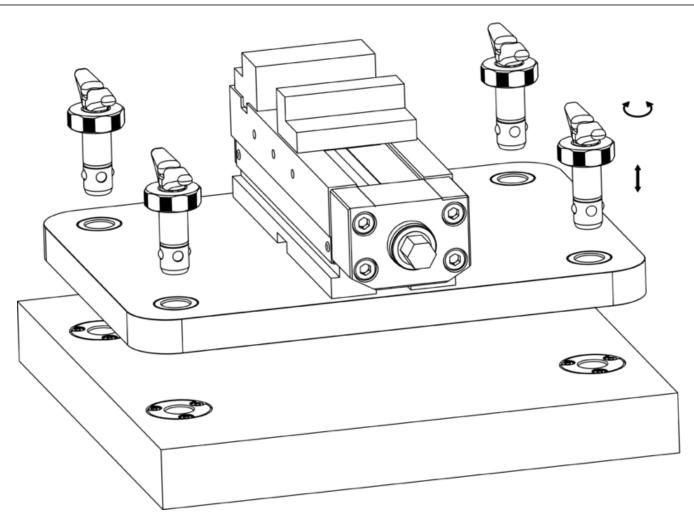
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# **Application example**



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