# **Positioning Clamping Pins**

23111.0032



# **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

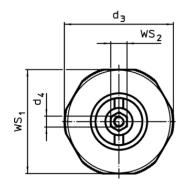
#### **Accessories**

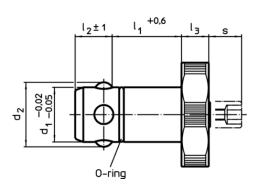
Suitable bushings are available.

#### **Further products**

- Manual Handles, for positioning clamping pins
- 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**

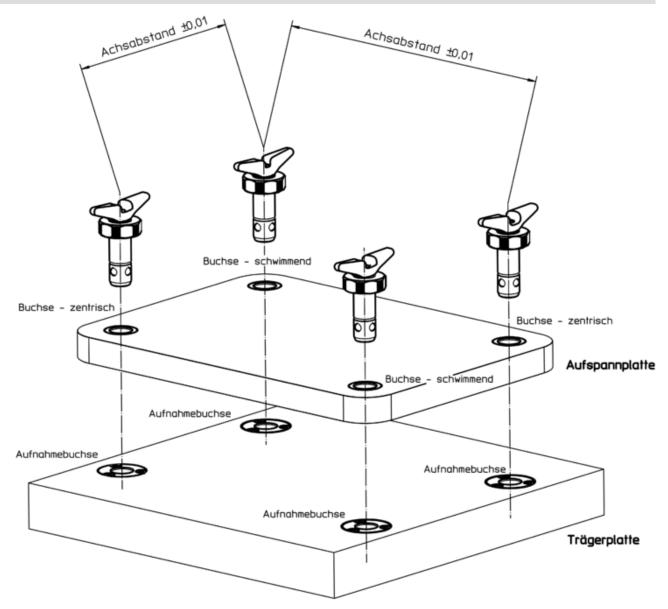
Dimensions								For base	WS <sub>1</sub>	WS <sub>2</sub>	Holding force	I	Art. No.	
d <sub>1</sub>	I <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	l <sub>2</sub>	I <sub>3</sub>	s	plates				_		
-0,02	+0,6				±1		~	±0,05						
-0,05														
[mm]								[mm]	[mm]	[mm]	[kN]	[g]		
Heat-trea	Heat-treated steel													
30	30	34,6	55	M4	18,6	10	9	25	53	10	10	400	23111.0032	



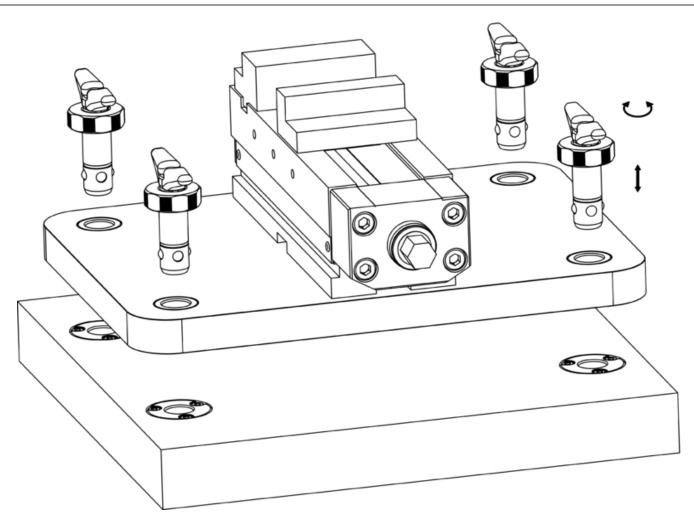
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# **Application example**



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