# Clamping Nuts ⋅ self-locking

25030.0021



### **Product Description**

Clamping nuts are used for rotating parts, especially for reversible shafts, for example for fixing the grinding wheel. The compact construction ensures a safe function and allows quick installation using a face wrench.

Compared with other backup methods, the clamping nut has the following advantages:

- Self-locking (even with changing direction of rotation of the shaft)
- · Easy installation / dismantling
- · Also for repetitive clamping operations

#### Material

· Heat-treated steel, blackened

#### **Assembly**

The clamping nut consists of an outer and inner ring, which form a unit.

The outer ring has a conical bore, the slotted inner ring has a conical outer surface and a female thread.

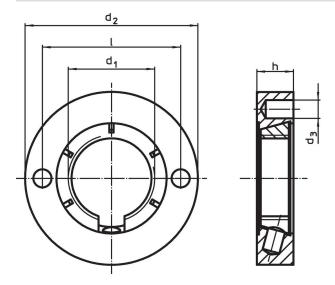
When tightening the clamping nut using a face pin wrench, the two conical surfaces move against each other. As a result, the slotted inner ring narrows like a collet. The nut clamps itself on the flanks of the thread so much, that they do not detach even with opposite axis rotation.

#### More information

#### **Notes**

Further dimensions on request.

### **Drawing**



### **Order information**

Dimensions					ă.	Art. No.
d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	h	1	_	
[mm]						
M20 x 1,5	50	4.1	8.5	32	104	25030.0021

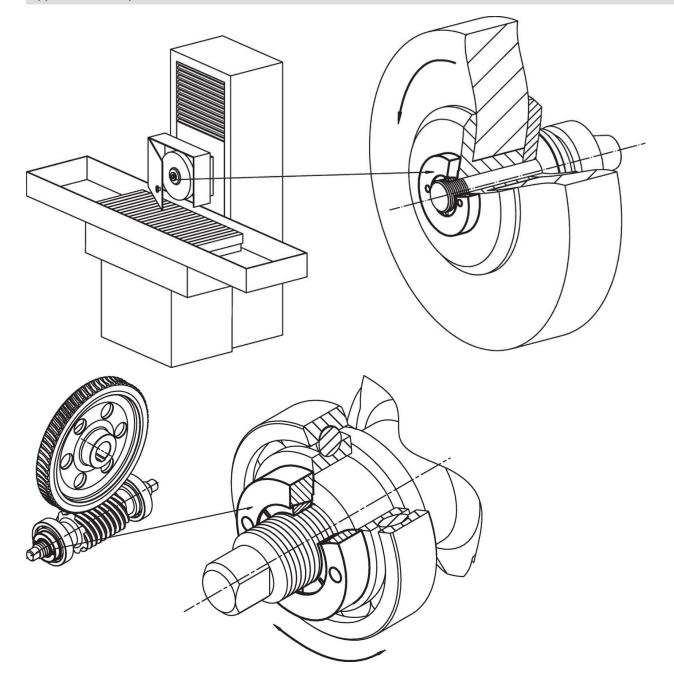


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### Accessories

adjustable face wrench, c	[g]	Art. No.
	112	25030.0022

## **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 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.



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