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Clamping Nuts • self-locking
EH 25030.



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

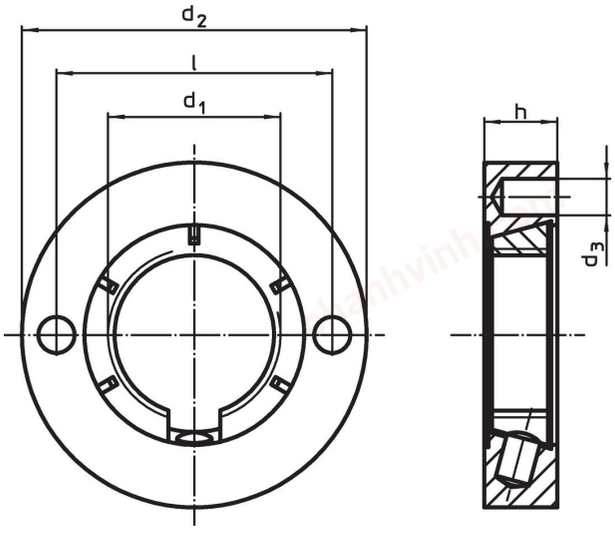
The clamping nut consists of an outer ring and an inner ring forming a single unit. The outer ring features a tapered bore, while the slotted inner ring has a tapered outer surface and an internal thread. When the clamping nut is tightened using a face wrench, the two tapered surfaces move against each other. As a result, the slotted inner ring contracts like a collet. The nut clamps against the thread flanks so securely that it does not loosen even under reverse shaft rotation.

More information

Notes

Further dimensions on request.

Drawing



Order information

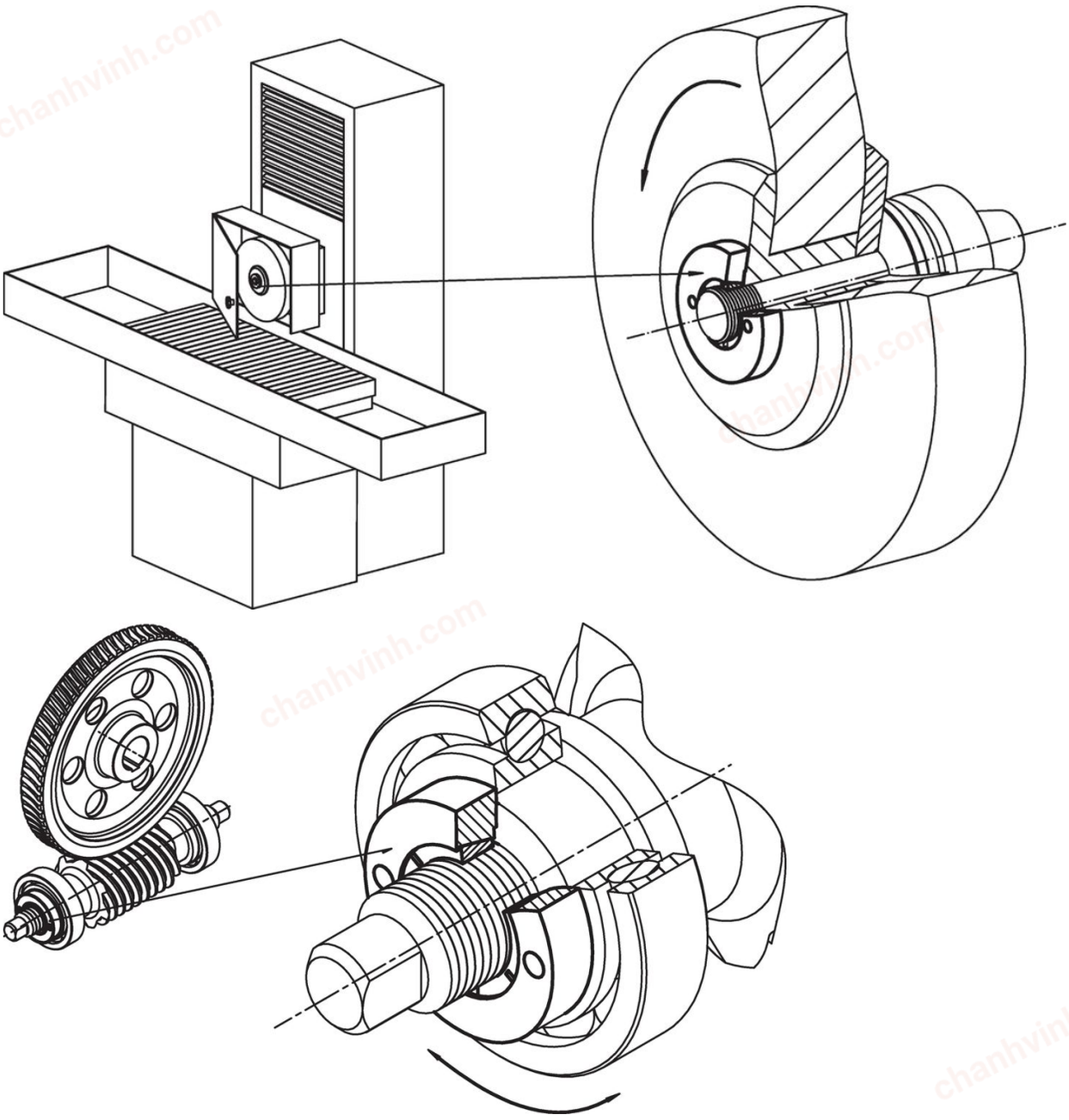
Dimensions [mm]						Art. No.
d_1	d_2	d_3	h	l	[g]	
M20 x 1,5	**40**	4.1	8.5	32	58	25030.0020
M20 x 1,5	**50**	4.1	8.5	32	103	25030.0021

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Accessories

	[g]	Art. No.
Adjustable Face Wrench, offset		
	112	25030.0022

Application example



Compliance

For detailed compliance information please select the desired article number.