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Eccentric Clamps

EH 23271.



Product Description

The eccentric clamp allows clamping with pull-down effect on different workpiece forms at low height.

Material

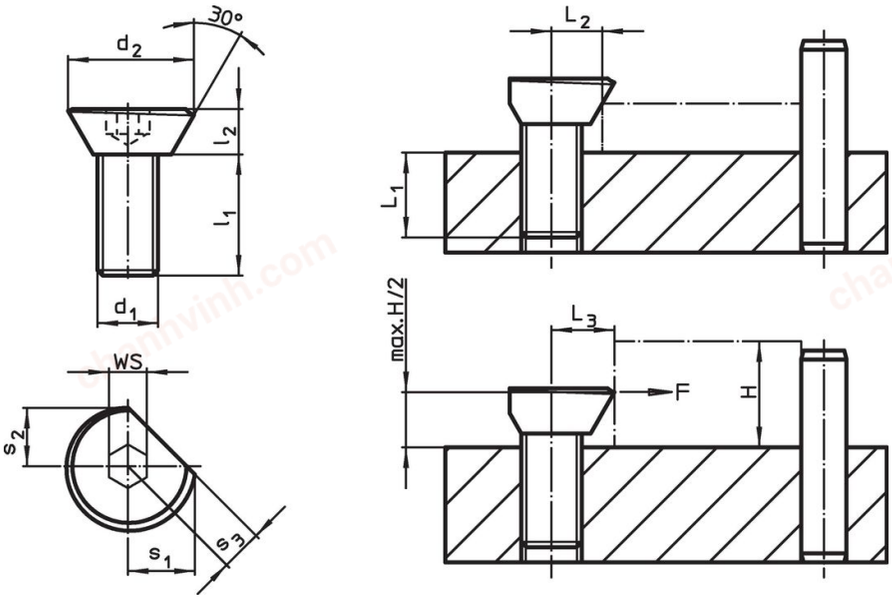
- Case-hardened steel, case-hardened and blue zinc-plated

Assembly

1. Manufacture a thread with the corresponding distance L_2 / L_3 to the workpiece.
2. Screw in the eccentric clamp at the necessary height and set it relative to the workpiece with its flat side.
3. Insert the workpiece and tighten the clamping pin using the internal hexagon. The proper tension is achieved after approx. 1/3 turn.

The threaded hole must be lubricated on a regular basis.
The rotational movement during tightening must always be completed towards the stops in order to prevent the workpiece from turning away from the stops.

Drawing

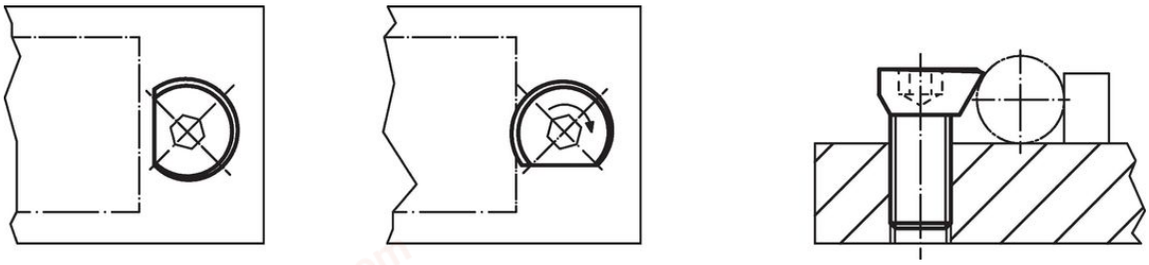


Order information

Dimensions							L_1	L_2	L_3 ±0.2	WS	Clamping force max.	Tightening torque max.		Art. No.
d_1	d_2	l_1	l_2	s_1	s_2	s_3								
[mm]							[mm]	[mm]	[mm]	[mm]	[kN]	[Nm]	[g]	
M 3	6.7	6	2	3.5	2.9	2.2	3	3.0	3.2	2.0	0.05	1.0	0.6	23271.0003
M 4	8.7	8	3	4.6	4.0	3.0	4	3.5	4.2	2.5	0.09	1.5	1.4	23271.0004
M 5	10.9	10	4	5.7	5.0	3.5	5	4.2	5.2	3.0	0.10	2.0	2.8	23271.0005
M 6	13.5	12	5	7.1	6.1	4.5	6	5.4	6.4	4.0	0.30	4.5	4.9	23271.0006
M 8	16.9	16	6	8.9	7.7	5.5	8	6.6	8.0	5.0	2.70	20.0	11.0	23271.0008
M10	20.9	20	7	11.1	9.4	6.5	10	8.3	9.8	6.0	4.00	30.0	20.0	23271.0010
M12	26.1	24	9	13.5	11.6	8.0	12	10.1	12.0	8.0	5.40	44.0	35.0	23271.0012

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Application example



Compliance

RoHS-compliant
Contains lead – Compliant with Exemption 6(a)-I.

Contains SVHC substances >0,1% w/w
Contains lead - SVHC list [REACH] as of 04.02.2026.

SCIP-code
7ff45b38-4433-4b97-8a33-002b2bb2b194

Contains Proposition 65 substances

Lead can lead to cancer, developmental disorders, and reproductive damage in men and to reproductive damage in women from exposure. 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.

POP-compliant
Contains no persistent organic pollutants – Stockholm Convention [POP] as of September 2025.

PFAS-compliant
Contains no per- and polyfluoroalkyl substances (PFAS).

TSCA-compliant
Agent concentration in this product does not exceed the specified threshold.