

Eccentric Clamping Clamps

EH 23270.



PRODUCT DESCRIPTION

These clamps have a high clamping force for low clamping heights. The body from brass provides a gentle but safe clamping.

Material

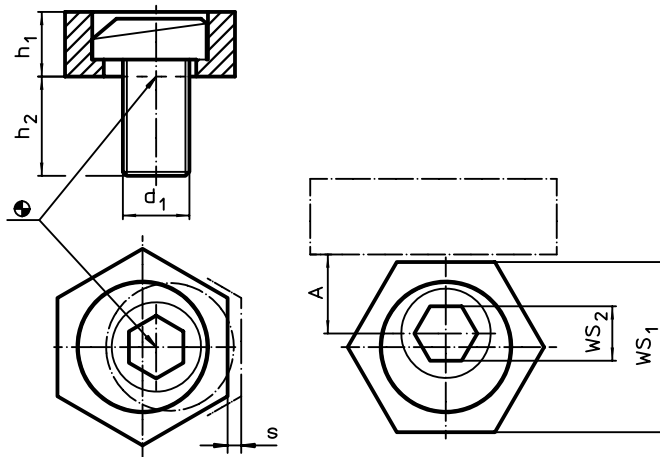
Eccentric screw

- Steel

Body

- Brass

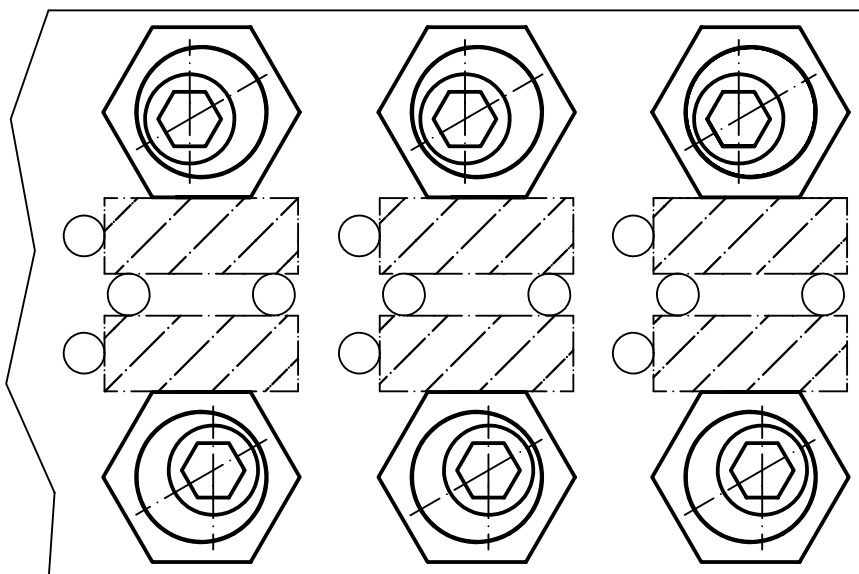
DRAWING



ORDER INFORMATION

d _i	Dimensions			A	WS ₁	WS ₂	Clamping force max.	Tightening torque max.		Art. No.
	h ₁	h ₂	s							
[mm]				[mm]	[mm]	[mm]	[kN]	[Nm]	[g]	
M 4	2.8	9.6	0.75	3.8	7.93	3	0.9	2.5	3.5	23270.0104
M 6	4.8	11.2	1.00	7.8	15.86	4	3.4	10.0	11.0	23270.0106
M 8	4.8	15.0	1.00	10.2	20.60	5	3.6	18.0	20.0	23270.0108
M10	6.3	19.0	1.30	10.2	20.60	7	7.0	26.0	27.0	23270.0110
M12	9.5	22.8	2.00	12.7	25.40	8	9.0	75.0	54.0	23270.0112
M16	12.7	28.5	2.50	15.0	30.13	12	12.0	120.0	108.0	23270.0116

APPLICATION EXAMPLE



Eccentric Clamping Washers

EH 23270.



PRODUCT DESCRIPTION

The eccentric clamping washers are especially suitable for the clamping of raw parts, e.g. cut-off portions, cast iron parts and forgings.

Material

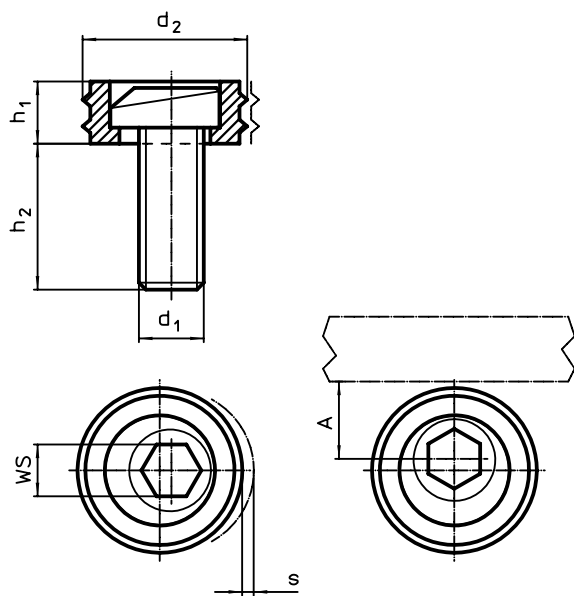
Eccentric screw

- Steel

Body

- Steel, case-hardened

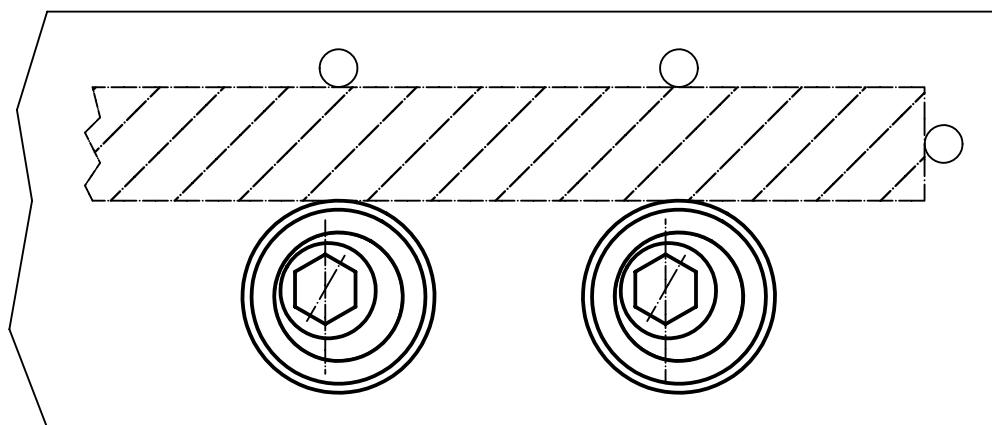
DRAWING



ORDER INFORMATION

d ₁	d ₂	Dimensions			A	WS	Clamping force max.	Tightening torque max.		Art. No.
		h ₁	h ₂	s						
		[mm]			[mm]	[mm]	[kN]	[Nm]	[g]	
M10	20.6	6.4	16.0	1.6	10.3	7	9.0	26	23	23270.0210
M12	25.4	9.6	22.5	2.0	12.7	8	17.8	88	41	23270.0212
M16	30.1	12.7	26.8	2.5	15.0	12	26.7	135	92	23270.0216

APPLICATION EXAMPLE



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

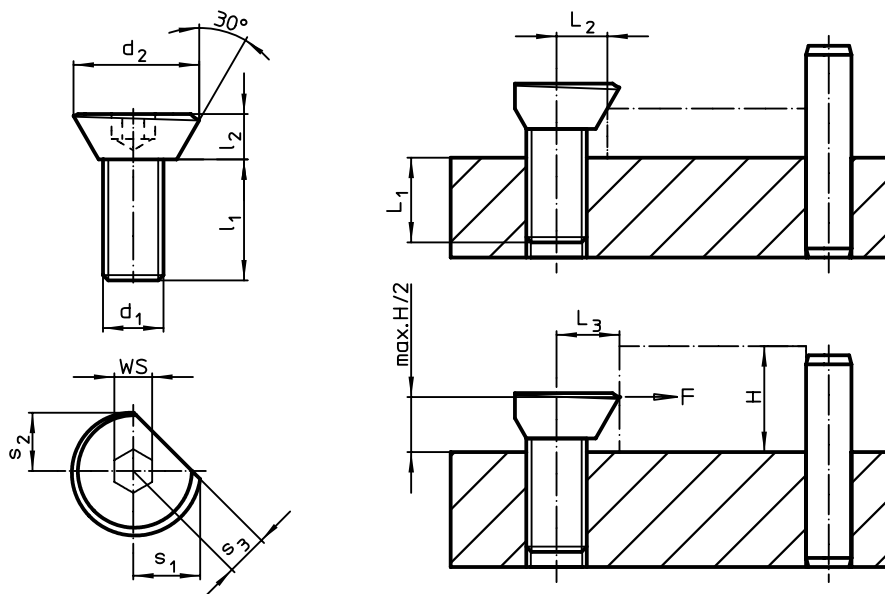
1. Manufacture a thread with the corresponding distance L_2 / L_3 to the workpiece.
2. Screw in the eccentric clamp at the necessary height and set it relative to the workpiece with its flat side.

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

APPLICATION EXAMPLE

