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Clamps • with soft face, similar to DIN 6314
EH 23190.



Product Description

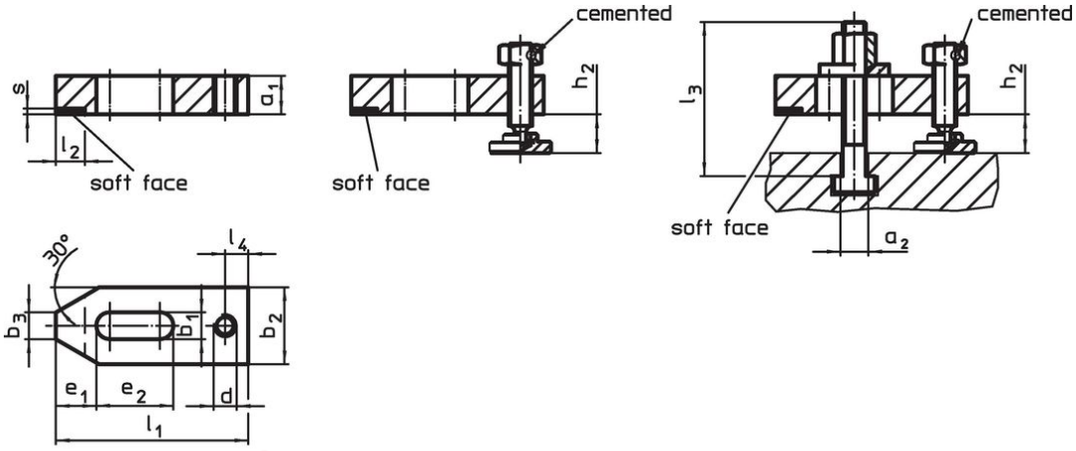
This clamp (clamping claw) according to DIN 6314 with soft face is mainly used in mechanical clamping technology for clamping delicate workpieces.
The soft face protects the workpiece from damage. With the combination of nut DIN 6330 B (EH 23070.)/conical seat DIN 6319 G (EH 23050.) on the clamping bolt and thrust pad DIN 6311 (EH 22560. removable) on the adjusting screw compensates for the lack of parallelity. The clamp can be used either way (soft or hard clamping surface).

Material

Soft face
- Brass, brazed

Clamp
- Heat-treated steel, blackened

Drawing



picture 1 picture 2 picture 3

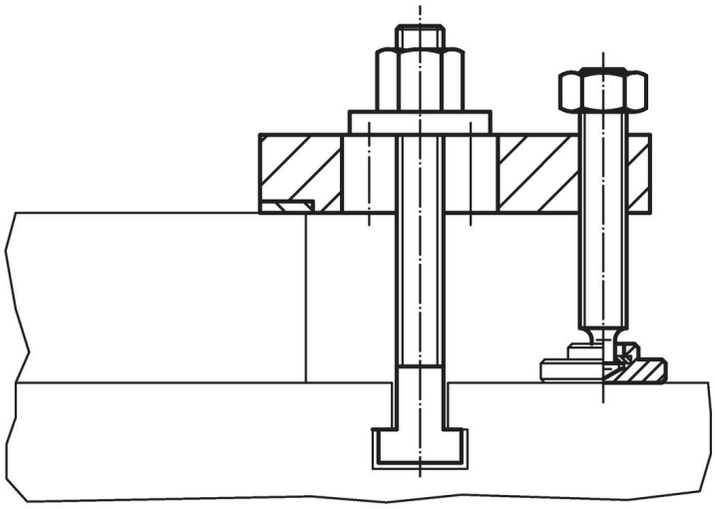
Order information

Nominal dimension b_1 [mm]	Dimensions [mm]												T-slot size [mm]	Clamping height [mm]			Art. No.
	a_1	l_3	a_2	b_2	b_3	d	e_1	e_2	l_1	l_2 ±1	l_4	s		h_2 min.	h_2 max.		
without accessories – picture 1																	
9	**12**	–	–	25	10	M 8	13	22	60	10	8	2	–	–	–	110.0 g	23190.0010
11	**15**	–	–	30	12	M10	15	30	80	12	10	2	–	–	–	221.0 g	23190.0020
14	**20**	–	–	40	14	M12	21	40	100	15	12	3-0.5	–	–	–	483.0 g	23190.0030
18	**25**	–	–	50	18	M16	26	45	125	20	16	3-0.5	–	–	–	956.0 g	23190.0040
only with adjusting screw – picture 2																	
9	**12**	–	–	25	10	M 8	13	22	60	10	8	2	–	8	23	150.0 g	23190.0011
9	**12**	–	–	25	10	M 8	13	22	60	10	8	2	–	8	43	160.0 g	23190.0012
11	**15**	–	–	30	12	M10	15	30	80	12	10	2	–	10	38	295.0 g	23190.0021
11	**15**	–	–	30	12	M10	15	30	80	12	10	2	–	10	58	310.0 g	23190.0022
14	**20**	–	–	40	14	M12	21	40	100	15	12	3-0.5	–	10	31	590.0 g	23190.0031
14	**20**	–	–	40	14	M12	21	40	100	15	12	3-0.5	–	10	71	620.0 g	23190.0032
18	**25**	–	–	50	18	M16	26	45	125	20	16	3-0.5	–	12	42	1.2 kg	23190.0041
18	**25**	–	–	50	18	M16	26	45	125	20	16	3-0.5	–	12	87	1.2 kg	23190.0042
with adjusting screw and clamping bolt – picture 3																	
9	**12**	**50**	7.6	25	10	M 8	13	22	60	10	8	2	8	8	16	200.0 g	23190.0015
9	**12**	**80**	7.6	25	10	M 8	13	22	60	10	8	2	8	8	43	220.0 g	23190.0016
11	**15**	**65**	9.6	30	12	M10	15	30	80	12	10	2	10	10	22	385.0 g	23190.0025
11	**15**	**100**	9.6	30	12	M10	15	30	80	12	10	2	10	10	58	420.0 g	23190.0026
14	**20**	**80**	11.6	40	14	M12	21	40	100	15	12	3-0.5	12	10	28	740.0 g	23190.0035

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Nominal dimension b_1 [mm]	Dimensions [mm]												T-slot size [mm]	Clamping height [mm]			Art. No.
	a_1	l_3	a_2	b_2	b_3	d	e_1	e_2	l_1	l_2 ±1	l_4	s		h_2 min.	h_2 max.		
14	**20**	**125**	11.6	40	14	M12	21	40	100	15	12	3-0.5	12	10	71	805.0 g	23190.0036
14	**20**	**80**	13.6	40	14	M12	21	40	100	15	12	3-0.5	14	10	26	755.0 g	23190.0037
14	**20**	**125**	13.6	40	14	M12	21	40	100	15	12	3-0.5	14	10	71	820.0 g	23190.0038
18	**25**	**100**	15.6	50	18	M16	26	45	125	20	16	3-0.5	16	12	31	1.5 kg	23190.0045
18	**25**	**160**	15.6	50	18	M16	26	45	125	20	16	3-0.5	16	12	87	1.6 kg	23190.0046
18	**25**	**100**	17.6	50	18	M16	26	45	125	20	16	3-0.5	18	12	32	1.5 kg	23190.0047
18	**25**	**160**	17.6	50	18	M16	26	45	125	20	16	3-0.5	18	12	87	1.7 kg	23190.0048

Application example



Compliance

For detailed compliance information please select the desired article number.