Lifting Solutions Group
Axel Johnson International

Lifting Screw Cam Clamp

Product information



Universal clamp for lifting of a large variety of different shaped steel, ranging from steel plates and structured steel to curved and spherical shaped steels.
This omni-directional clamp can lift, hang, turn over, and pull steel structures.
This clamp is equipped with a screw cam(spherical universal designed), which provides an extra powerful clamping force on the work piece at no load and even when vibrations occur during operation.
When the clamp is under a load, the cam will tilt in accordance with the weight of the load. This tilting of the cam will increase the clamping force and cause the teeth of the cam and pad to bite harder into the work piece.

... *Read more*

Material: Special alloy steel
Marking: CE-marked, Type, serial number, WLL, Jaw opening.
Temperature range: -20°C up to +150°C
Note: Tighten the screw to the sufficient values (over 5 N m for SCC 0.3W and SCC 0.5 and over 35 N m for SCC 1 to SCC 6)

Safety factor: 5:1

Certex Lifting
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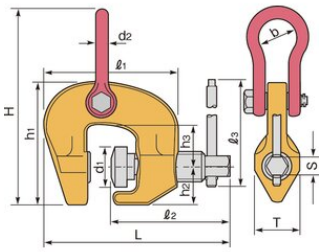
Blueprint



Technical data

Part Code	WLL ton	Jaw width mm	b mm	d1 mm	d2 mm	h1 mm	h2 mm	h3 mm	H mm	L min. mm mm	l1 mm	l2 mm mm	l3 mm	T mm	S mm	Weight (kg)
502100031001270	0.3	50-100	17	26	10	91	16	35	155	196	176	116	75	32	14	1.3
502100050281270	0.5	0-28	17	26	10	76	16	26.5	113	123	104	89	60	30	14	0.8
502100100301270	1	0-30	38	42	12	128	38	45	204	175	148	126	190	46	21	3.2
502100101001270	1	50-100	45	42	16	190	38	88	273	258	225	153	190	46	21	6
502100150321270	1.5	0-32	45	42	16	143	39	52	229	187	154	135	190	46	21	4
502100300501270	3	0-50	50	49	19	165	45	60	265	224	190	165	240	54	21	6
502100300751270	3	25-75	50	49	19	191	45	76	291	250	215	165	240	54	21	7.8
502100600751270	6	0-75	80	63	31.5	214	54	76	365	291	255	215	240	69	21	18

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