Industrial Rigging & Supply | 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

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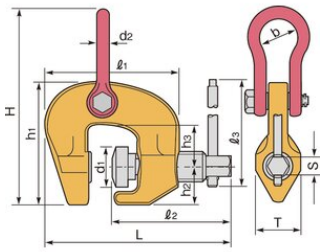
Blueprint



Technical data

Part code	WLL (metric) tonnes	Jaw width in	b in	d1 in	d2 in	h1 in	h2 in	h3 in	H in	L min. in	l1 in	l2 mm in	l3 in	T in	S in	Weight lb
502100031001270	0.3	1.97-3.94	0.67	1.02	0.39	3.58	0.63	1.38	6.1	7.72	6.93	4.57	2.95	1.26	0.55	2.87
502100050281270	0.5	0-1.1	0.67	1.02	0.39	2.99	0.63	1.04	4.45	4.84	4.09	3.5	2.36	1.18	0.55	1.76
502100100301270	1	0-1.18	1.5	1.65	0.47	5.04	1.5	1.77	8.03	6.89	5.83	4.96	7.48	1.81	0.83	7.05
502100101001270	1	1.97-3.94	1.77	1.65	0.63	7.48	1.5	3.46	10.75	10.16	8.86	6.02	7.48	1.81	0.83	13.23
502100150321270	1.5	0-1.26	1.77	1.65	0.63	5.63	1.54	2.05	9.02	7.36	6.06	5.31	7.48	1.81	0.83	8.82
502100300501270	3	0-1.97	1.97	1.93	0.75	6.5	1.77	2.36	10.43	8.82	7.48	6.5	9.45	2.13	0.83	13.23
502100300751270	3	0.98-2.95	1.97	1.93	0.75	7.52	1.77	2.99	11.46	9.84	8.46	6.5	9.45	2.13	0.83	17.2
502100600751270	6	0-2.95	3.15	2.48	1.24	8.43	2.13	2.99	14.37	11.46	10.04	8.46	9.45	2.72	0.83	39.68

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