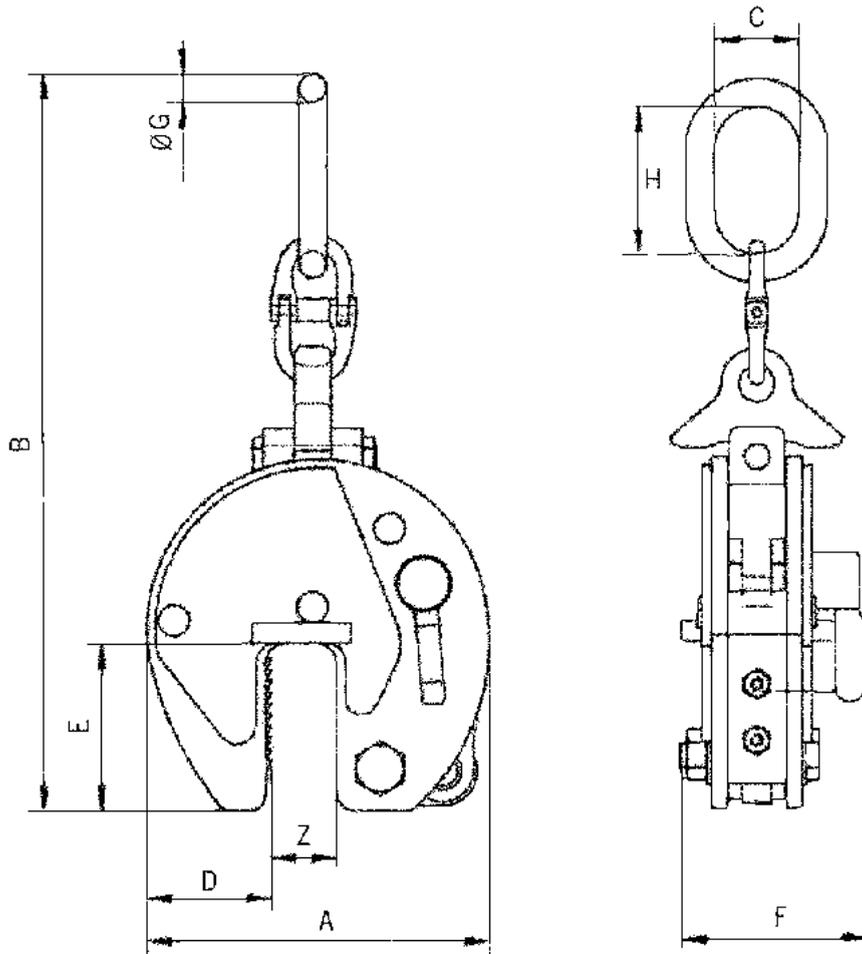


DESCRIPTION

The Camlok CX series of plate lifting clamps can be used for all structural steel plates up to a surface hardness of 300 Brinell. It has been designed especially for the handling of plate at any angle, thus permitting the lifting and handling of awkward shaped plate and fabrications. Single plates can be lifted from the horizontal to the vertical position and vice versa. Vertically racked plates can be turned over due to the in-built lifting eye and link.

DIAGRAM



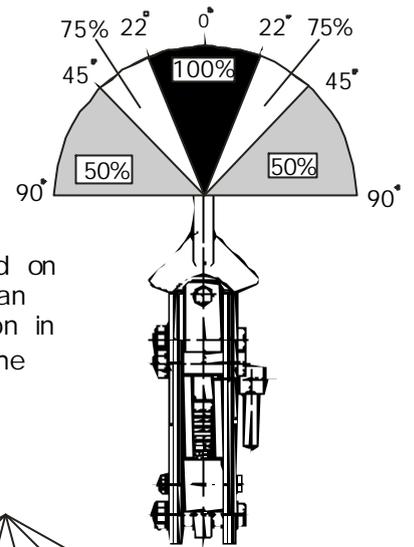
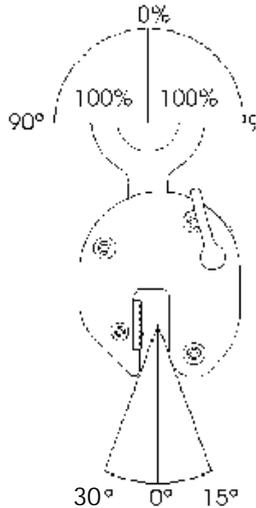
TABLE

MODEL	WLL Tons	Plate mm Z	Weight kg	A	B	C	D	E	F	G	H
CX1	1,5	0 - 20	5	140	399	63	48	70	83	12,5	125
CX1L	1,5	20 - 40	7	160	399	63	48	70	83	12,5	125
CX3	3	0 - 32	12	197	515	67	68	93	110	19	138
CX3L	3	30 - 60	15	227	515	67	68	93	110	19	138
CX6	6,0	0 - 50	38	292	739	88	95	143	140	25	175
CX6L	6,0	50 - 100	48	342	785	88	95	143	140	25	175
CX8	8,0	0 - 50	39	292	739	88	95	143	150	25	175
CX8L	8,0	50 - 100	51	342	785	88	95	143	150	25	175
CX10	10,0	0 - 50	61	360	903	110	125	162	165	32	216
CX10L	10,0	50 - 100	76	410	921	110	175	162	165	32	216

Load Diagram with slings vertical

Loads weighing the maximum W.L.L may be lifted and turned through 180 degrees in the plane of the clamp

Load must hang no more than shown in diagram when suspended by the clamp only.

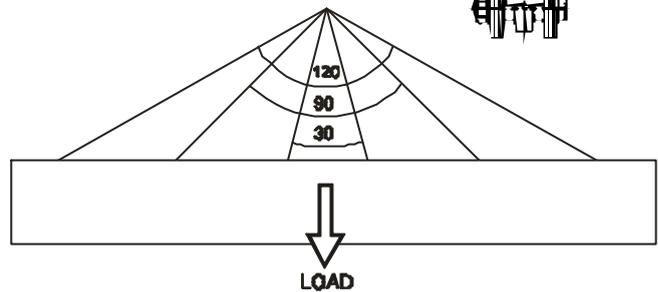


The clamp can be used on edge and side loads can be lifted with a reduction in the W.L.L. as shown in the diagrams.

Safe loads for two clamps

ANGLE	CX1	CX3	CX6
0-30	3000kg	6000kg	12000kg
30-90	1500kg	3000kg	6000kg
90-120	750kg	1500kg	3000kg

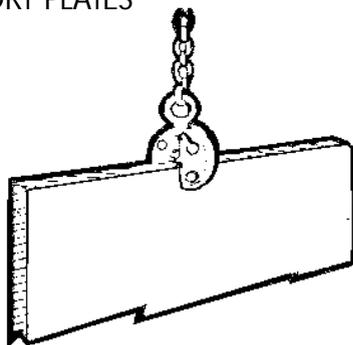
There is a reduction in the WLL when used with a 2 leg sling as shown in the table



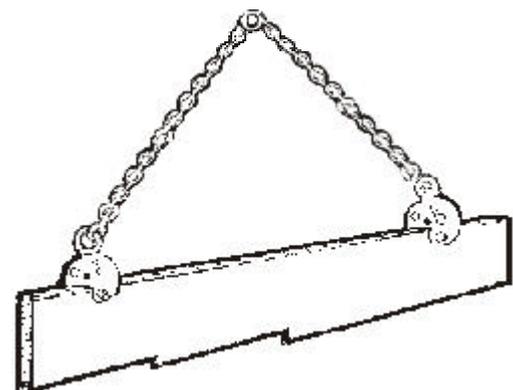
RESTRICTIONS

The clamp is not suitable for steel over 300 Brinell, stainless steel, lead, certain grades of copper and materials over 120° surface temperature. The working load limit of the clamp should be as close as possible to the actual load to be lifted. This ensures that the clamp is working at maximum efficiency. Loads below 20% of the working load limit should be avoided extra care must be taken when lifting plates in the lower 20% of the rated jaw capacity. Excessive wear and a reduction in working life can be caused if a clamp is continuously used to lift the same thickness material.

FOR SHORT PLATES



FOR LONG PLATES



OPTIONS

The standard CX clamps are fitted with a cam operated closing mechanism that can if preferred be replaced with a chain pull open/close mechanism for remote operation. They can be supplied with narrow or large throat capacity and with a swivel or an insulated swivel system, which allows welding to be undertaken whilst the material is still attached to the crane.