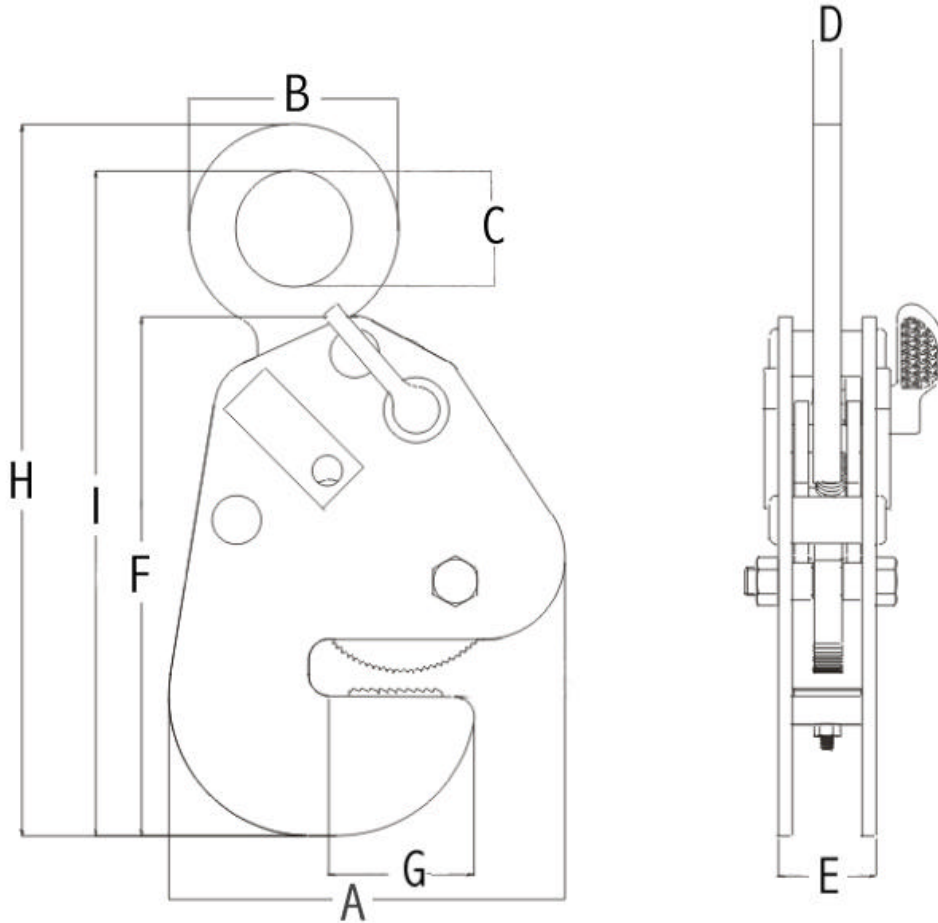


DESCRIPTION

Camlok series of CG general purpose clamps can be used on rolled steel joists, beams, fabrications and RSJ's up to a surface hardness of 300 Brinell. This clamp can lift and turn girders through 90° and has been designed to meet the requirements of the heavy steel industry. It incorporates a positive lock onto one of the uppermost edges, which will allow the beam to be set down with the web or flange vertical. For longer girders, fabrications and welded structures two clamps and a lifting beam may be required.

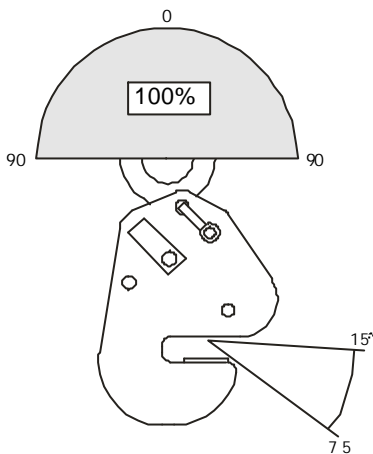
DIAGRAM



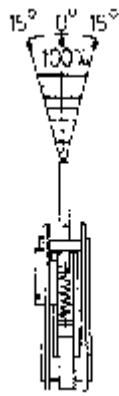
TABLE

MODEL	WLL Tons	Plate mm Z	Weight kg	A	B	C	D	E	F	G	H	I
CG 1	1	0 - 16	6	211	90	50	13	43	263	64	350	337
CG 2	2	0 - 32	17	290	140	80	20	60	317	100	465	435
CG 4	4	0 - 32	24	290	161	89	20	77	326	108	523	482
CG 6	6	12 - 50	37	337	171	89	25	103	375	145	551	524
CG 8	8	12 - 50	40	337	203	102	25	103	375	145	545	514

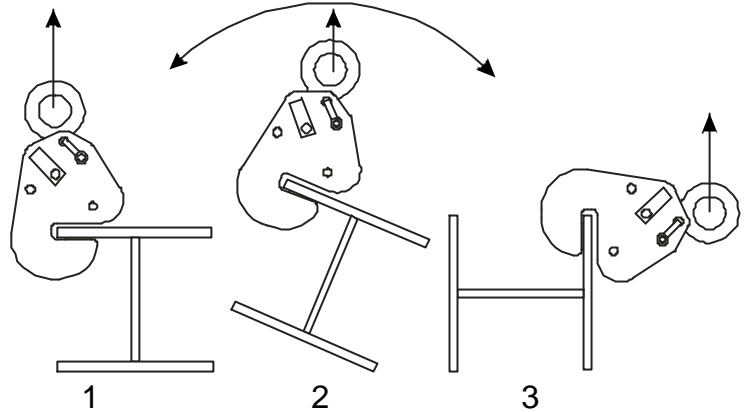
Load Diagram



The angle of the mouth of the clamp must be between 15 & 75 degrees when the load is suspended



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



RESTRICTIONS

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 beams 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.

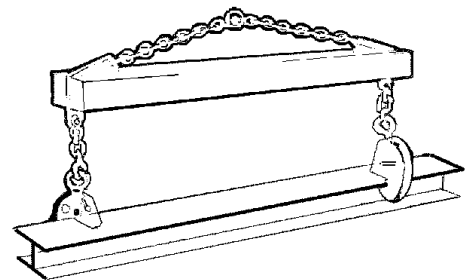
FOR SHORT BEAMS

A single clamp can be used



FOR LONG BEAM

2 clamps and a lifting beam must be used



OPTIONS

By offering options such as size and lifting capacity, jaw size and the replacement of the cam mechanism with a chain pull lock the CG girder clamp can cover a wide variety of applications.

