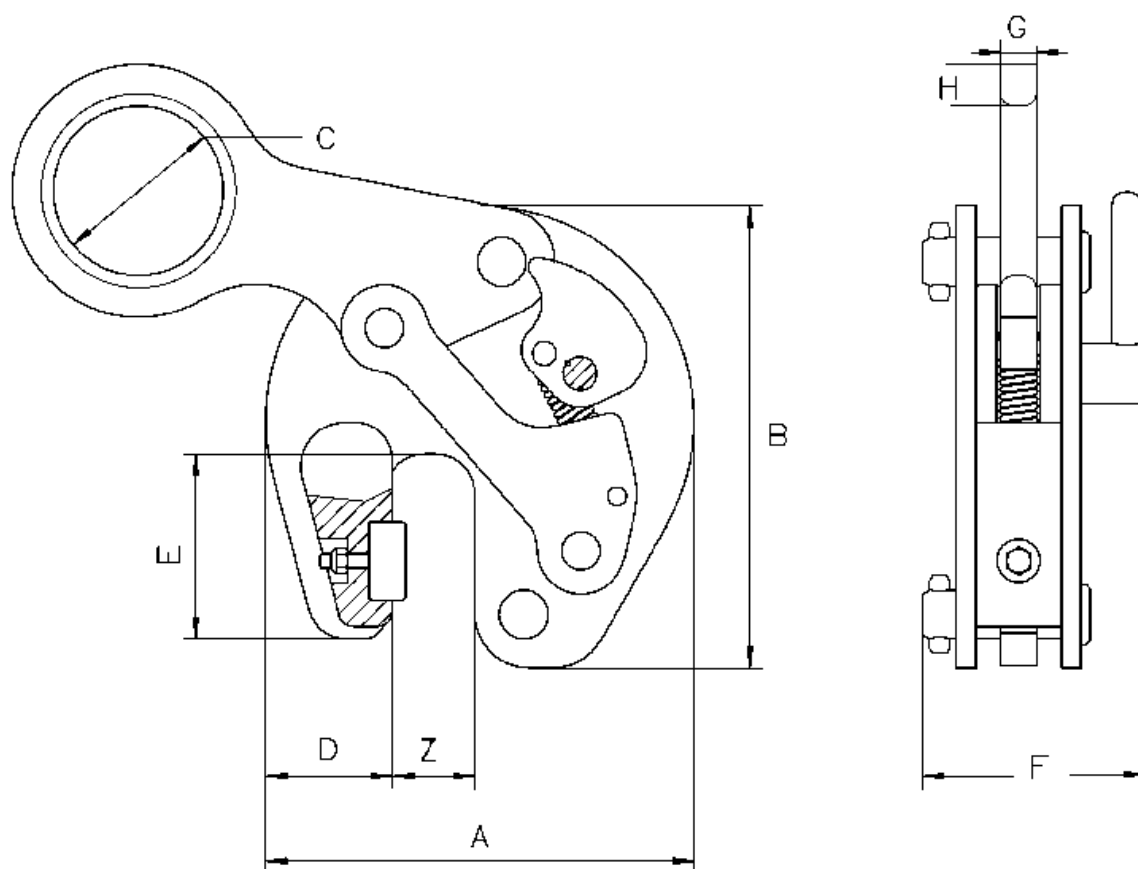


DESCRIPTION

The TTR series of clamps can be used on girders and RSJ's up to a surface hardness of 300 Brinell. This range of clamps has been developed for handling structural beams with the flanges in a vertical position, or "H" position. Girders can be lifted and stacked horizontally. The hooking is designed to be as near to the centre of gravity as possible, resulting in an almost horizontal lift.

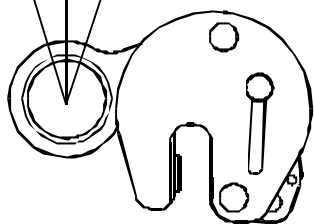
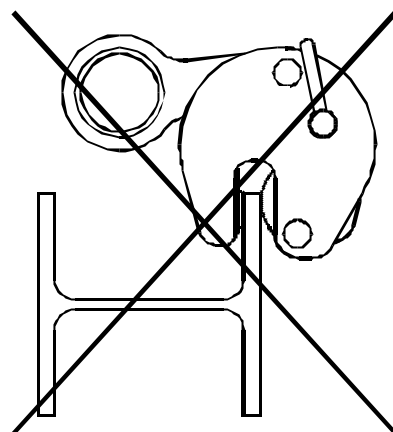
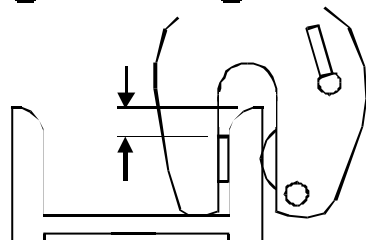
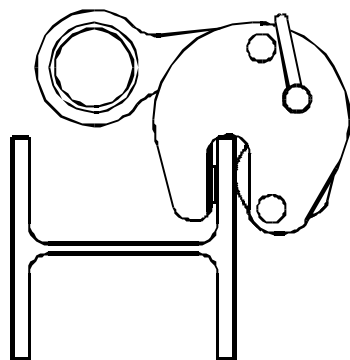
DIAGRAM



TABLE

MODEL	WLL Tons	Flange mm Z	Weight kg	A	B	C	D	E	F	G	H
TTR 0,75	0,75	5 - 16	3	132	145	50	43	65	85	12	16
TTR 1,5	1,5	5 - 25	8	175	190	71	57	77	100	16	18
TTR 3,0	3,0	5 - 28	13	193	208	80	63	81	120	19	20

45° 100% 45°

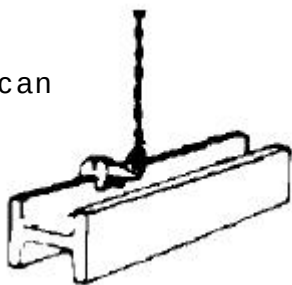
Load Diagram
with sling vertical

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.

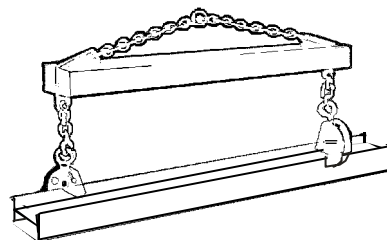
FOR SHORT BEAMS

A single clamp can be used



FOR LONG BEAM

2 clamps and a lifting beam must be used



OPTIONS

By offering various sizes and lifting capacities the TTR girder clamp is a versatile tool for transporting girders and joists. The clamp is fitted with a cam operated locking mechanism

