

## PLATE CLAMPS

Plate clamps are intended to assist with the lifting of steel plate or other sheet material. In the course of fabrication, plate clamps are typically utilized in pairs, particularly for oversized materials. Plate clamps encompass two key types: vertical plate clamps and horizontal plate clamps, though universal plate lifting clamps are also available which offer a mixture of both lifting varieties. Plate clamps are available in heavy duty models, high grip models, hinged models as well as twin clamp models, all intended for particular forms of lifting. The majority of plate lifting clamps contain teeth on their jaws that bite into the material leaving marks; however, we can supply models without teeth, non-marking plate clamps. These do not leave any marks whatsoever which may be vital in some applications.

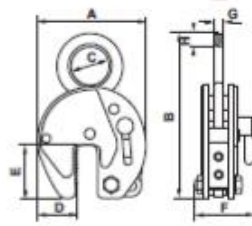
Below is a list of our featured Plate Clamps. Need help deciding on which one would be best suited for your application? Let our industry experts find the right one for you, [contact us](#) today.



# CZ Universal Plate Clamp



- Body of clamp is welded construction
- Can be used to lift plate from horizontal to vertical position and vice versa
- Clamp jaws and pads are manufactured from high tensile steel



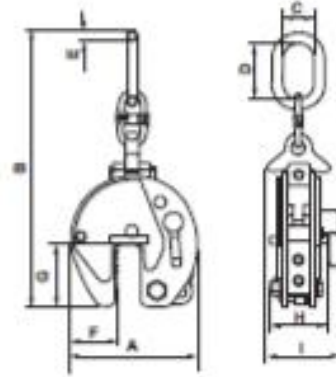
## CZ UNIVERSAL PLATE CLAMP

PRODUCT CODE	WORKING LOAD LIMIT (LBS)		JAW CAPACITY	DIMENSIONS								WEIGHT
				A	B	C	D	E	F	G	H	
	MIN	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)
CZ920.5	120	1,100	0 to 5/8	3.898	7.677	1.142	1.299	1.650	1.969	0.393	0.433	3.3
CZ921.5	350	3,300	0 to 3/4	4.961	8.858	1.969	1.929	2.756	3.228	0.472	0.472	6.6
CZ922	450	4,400	0 to 1-1/4	7.559	12.283	3.150	2.953	3.790	3.937	0.787	0.787	17.6
CZ923	675	6,600	0 to 1-1/4	7.559	12.283	3.150	2.953	3.790	3.937	0.787	1.181	22.0
CZ924	1,100	8,800	0 to 1-1/4	7.756	14.606	3.150	2.677	3.661	5.079	0.787	1.181	26.5
CZ924/L*	1,100	8,800	1-1/8 to 2-3/8	8.976	15.354	3.150	2.677	3.661	5.079	0.787	1.181	39.7
CZ926	1,600	13,200	0 to 2	11.535	19.055	3.504	3.740	5.630	5.079	0.984	1.378	46.3
CZ928	2,150	17,600	0 to 2	11.535	19.370	3.504	3.740	5.630	5.079	0.984	1.654	57.3
CZ928/L*	2,150	17,600	2 to 4	14.252	20.630	3.504	4.488	5.630	5.079	0.984	1.654	70.5
CZ9210	3,350	22,000	0 to 2	11.535	21.457	4.331	3.740	5.630	5.472	0.984	1.772	66.1
CZ9210/L	3,350	22,000	2 to 4	14.252	21.457	4.331	4.488	5.630	5.472	0.984	1.772	81.6
CZ9215	6,650	33,000	0 to 2	14.173	24.134	5.118	4.921	6.378	8.031	1.772	2.165	165.3
CZ9215/L*	6,650	33,000	2 to 4	18.110	26.693	5.118	6.890	6.378	8.031	1.772	2.165	194.0
CZ9220	8,850	44,000	0 to 2-1/2	18.188	29.724	5.118	6.496	8.268	9.252	1.772	2.559	271.2
CZ9220/L*	8,850	44,000	2-1/2 to 5	22.047	31.683	5.118	7.677	8.268	9.252	1.772	2.559	299.8
CZ9230	13,250	66,000	0 to 2-1/2	18.189	28.819	2.362	6.496	8.268	11.614	2.559	-	429.9

## CX Heavy-Duty Hinged Universal Plate Clamp



- Can be used to lift plate from horizontal to vertical position and vice versa
- Vertically racked plates can be turned over due to the in-built lifting eye and link



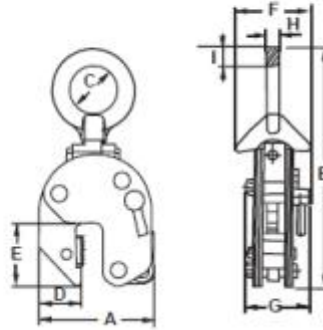
## CX HEAVY-DUTY HINGED UNIVERSAL PLATE CLAMP

PRODUCT CODE	WORKING LOAD LIMIT (LBS)		JAW CAPACITY	DIMENSIONS									WEIGHT
				A	B	C	D	E	F	G	H	I	
	MIN	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)
CX3	1,100	6,600	0 to 1-1/4	7.756	20.276	2.638	5.433	0.748	2.677	3.661	3.189	4.331	26.5
CX6	2,650	13,200	0 to 2	11.496	29.016	3.740	6.929	1.102	3.740	5.630	5.394	7.402	83.8
CX6/L*	2,650	13,200	2 to 4	14.449	30.906	3.858	7.087	1.102	4.528	5.630	5.315	7.402	105.8
CX8*	3,550	17,600	0 to 2	11.496	29.016	3.858	6.929	1.102	3.740	5.630	5.354	8.268	86.0
CX8/L*	3,550	17,600	2 to 4	14.449	30.906	3.858	7.087	1.102	4.528	5.630	5.354	8.268	112.4
CX10*	4,400	22,000	0 to 2	14.173	35.551	4.331	7.677	1.299	4.921	6.378	6.693	8.78	134.5
CX10/L*	4,400	22,000	2 to 4	17.559	36.260	4.409	7.677	1.299	6.614	6.378	6.693	8.78	167.5

## CY Hinged Universal Plate Clamp



- Hinged hook ring enabling the clamp to be used at any angle
- Fitted with a cam operated closing mechanism that can be replaced with a chain pull open/close mechanism
- Fitted with hardened serrated teeth jaws and pads that are suitable for gripping steel

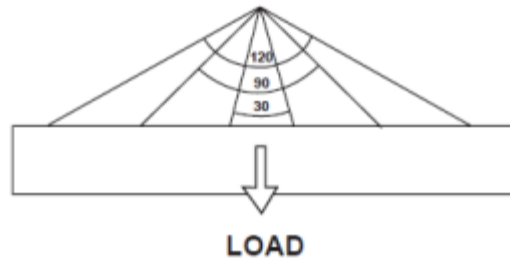


## CY HINGED UNIVERSAL PLATE CLAMP

PRODUCT CODE	WORKING LOAD LIMIT (LBS)	JAW CAPACITY	DIMENSIONS									
			A	B	C	D	E	F	G	H	I	
<b>Imperial</b>												
	MIN	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)
CY1	450	2,200	0 to 3/4	4.961	10.630	1.969	1.929	2.756	3.740	2.480	0.472	0.906
CY2	900	4,400	0 to 1-1/4	7.559	15.039	3.150	2.953	3.780	5.197	3.622	0.787	1.181
CY3	1,350	6,600	0 to 1-1/4	7.559	15.039	3.150	2.953	3.780	5.197	3.622	0.787	1.181

### Safe loads for two clamps

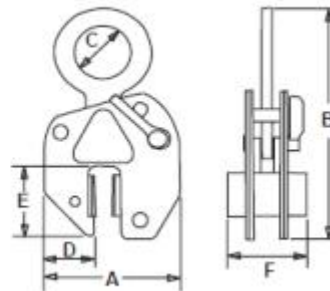
ANGLE	PRODUCT CODE		
	CY1	CY2	CY3
<b>Imperial</b>			
DEGREES	(LBS)	(LBS)	(LBS)
0 to 30	4400	8800	13200
30-90	2200	4400	6600
90-120	1100	2200	3300



## LJ Gentle Grip Clamp



- Designed to lift plates without marking or damaging the surface finish
- Particularly suitable for lifting thin gauge steel plate, aluminum and stainless steel



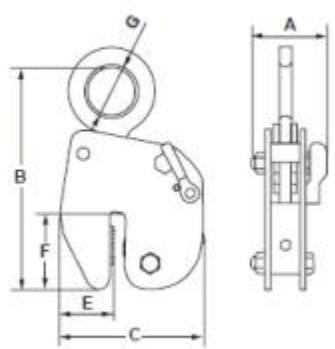
## LJ GENTLE GRIP CLAMP

PRODUCT CODE	WORKING LOAD LIMIT (LBS)	JAW CAPACITY	DIMENSIONS						WEIGHT	
			A	B	C	D	E	F		
<b>Imperial</b>										
	MIN	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)	
LJ0.5	60	1,100	0 to 3/8	5.000	7.874	2.165	2.047	2.717	2.992	7.7
LJ1.5	400	3,300	0 to 3/4	8.465	13.583	3.346	2.953	5.315	4.646	26.5

**HG**



- Can be used on hot rolled structural steel plates
- Can be used to lift stainless steel plates or plates with harden surfaces due to cold rolling
- Lift plates from horizontal to vertical positions and vice versa through 180°
- Clamp has serrated teeth and will mark plate



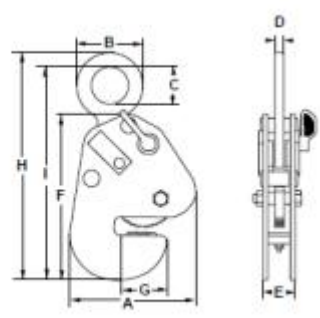
**HG**

PRODUCT CODE	WORKING LOAD LIMIT (LBS)		JAW CAPACITY	DIMENSIONS							WEIGHT
				A	B	C	D	E	F	G	
<b>Imperial</b>											
	MIN	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)
HG0.5	100	1,100	0 to 3/8	1.654	9.055	5.827	0.394	2.165	3.110	1.969	11.0
HG1	150	2,000	0 to 5/8	3.661	11.698	8.268	0.630	2.638	4.488	2.638	26.5
HG2	450	4,400	0 to 3/4	4.331	16.378	12.008	0.787	4.016	6.260	3.150	48.5
HG3*	700	6,600	0 to 3/4	4.331	16.378	12.008	0.787	4.016	6.260	3.150	59.5
HG4*	900	8,800	0 to 3/4	4.724	13.189	12.008	0.787	4.016	6.260	3.150	70.5

**CG Girder Turning Clamps**



- Can be used on Beams, Fabrications, Channels, RSJ's
- Can lift and turn beams up to 90°
- Fitted with a cam/spring operated safety lock
- Long lengths of beam should use 2 clamps



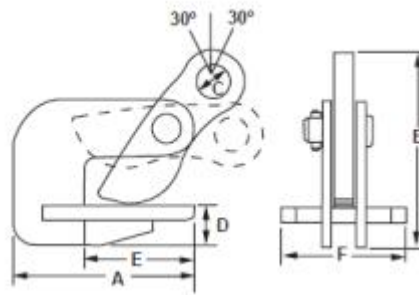
**CG GIRDER TURNING CLAMPS**

PRODUCT CODE	WORKING LOAD LIMIT (LBS)		JAW CAPACITY	DIMENSIONS									WEIGHT
				A	B	C	D	E	F	G	H	I	
<b>Imperial</b>													
	MIN	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)	
CG 1	250	2,200	0 to 5/8	8.307	3.543	1.969	0.512	1.693	10.354	2.520	13.780	13.2	
CG 2	450	4,400	0 to 1-1/4	11.417	5.512	3.150	0.787	2.362	12.480	3.937	18.307	30.9	
CG 4	900	8,800	0 to 1-1/4	11.417	6.339	3.504	0.787	3.031	12.835	4.252	20.591	41.9	
CG 6	1,350	13,200	7/16 to 2	13.268	6.732	3.504	0.984	4.055	14.764	5.709	21.693	81.6	

## THK Horizontal



- Designed to lift and transport structural steel beams in horizontal position
- Supplied with reverse jaw to insure grip increase as load is applied
- Long beams should be lifted using 2 clamps attached to opposite beam flanges



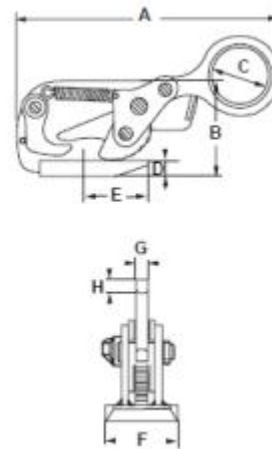
## THK HORIZONTAL

PRODUCT CODE	WORKING LOAD LIMIT (LBS)		JAW CAPACITY	DIMENSIONS							WEIGHT
				A	B	C	D	E	F		
<b>Imperial</b>											
	MIN	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)	
THK0.75	90	1,600	0 to 1	4.625	5.375	0.750	1.000	2.875	3.125	6.6	
THK1.5	200	3,300	0 to 1-3/8	5.375	6.625	1.000	1.250	3.125	3.500	13.2	
THK4.5*	500	9,900	0 to 1-3/4	8.625	8.625	1.750	4.000	4.375	4.375	35.3	
THK6.0*	700	13,200	0 to 2-3/8	8.375	10.500	1.375	1.875	4.875	4.375	50.7	
THK9	1,000	19,800	0 to 2-3/8	8.750	11.375	1.625	2.250	4.500	5.500	77.2	

## THS



- Spring lever for locking into place
- Can be used in single or 2 leg slings
- Use lifting beams for longer plates
- Do not use with endless or 3 or 4 leg slings
- Do not exceed 60° angle when lifting
- Do not lift plates with a temperature of 120° C (250°F) or higher
- Do not use to lift stainless steel, lead or copper



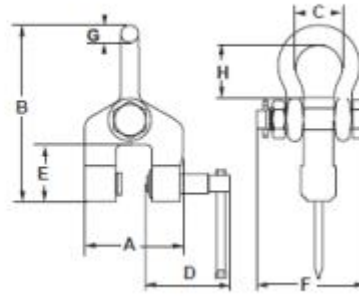
## THS

PRODUCT CODE	WLL (LBS)	JAW CAPACITY	DIMENSIONS								WEIGHT
			A	B	C	D	E	F	G	H	
<b>Imperial</b>											
	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)	
THS0.75	1,600	0 to 3/4	10.039	3.819	1.969	0.591	2.756	3.150	0.472	0.591	6.6
THS1.5	3,300	0 to 1-3/8	13.189	4.724	2.756	0.787	3.150	3.543	0.591	0.669	13.2
THS3	9,900	0 to 1-3/4	17.717	7.717	3.543	2.323	4.331	4.331	0.787	1.181	37.5

## TSH



- Offer the best means of holding and securing loads
- High force screw threads
- Hardened steel jaws
- Swivel jaws increases grip if plate moves
- Not recommended for lifting applications



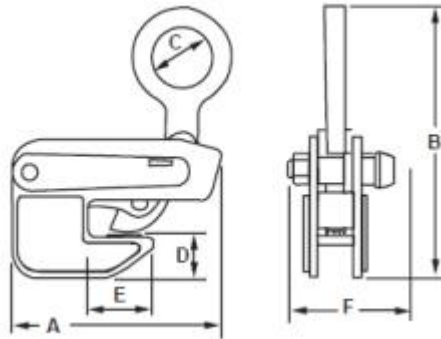
## TSH

PRODUCT CODE	WLL (LBS)	JAW CAPACITY	DIMENSIONS								WEIGHT
			A	B	C	D	E	F	G	H	
<b>Imperial</b>											
	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)
TSH1.5	3,300	0 to 1-1/4	5.118	10.039	2.559	4.528	2.953	5.000	1.024	3.701	15.4
TSH3	6,600	0 to 2	6.693	11.417	2.913	4.921	3.346	5.669	1.181	4.646	24.3
TSH5	11,000	0 to 3-1/8	10.039	18.504	5.118	6.890	5.315	9.449	1.969	6.89	59.5

## TTG Horizontal Girder Clamp



- Designed to lift and transport structural steel beams in horizontal position
- Fitted with a Camlok spring operated safety lock and is operated by pulling the lock upwards
- Long beams should be lifted using 2 clamps attached to opposite beam flanges



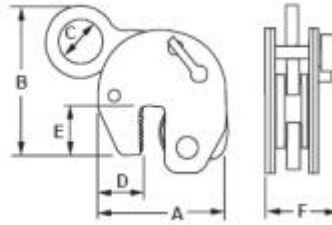
## TTG HORIZONTAL GIRDER CLAMP

PRODUCT CODE	WORKING LOAD LIMIT (LBS)	PLATE	DIMENSIONS						WEIGHT	
			A	B	C	D	E	F		
<b>Imperial</b>										
	MIN	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)	
TTG1.5	200	3,300	0 to 1-1/8	9.000	10.875	3.750	1.750	2.750	4.000	12.1
TTG3	350	6,600	0 to 1-3/8	11.125	11.625	3.125	2.125	2.875	4.500	24.3
TTG4.5*	1,000	9,900	0 to 1-1/2	12.375	13.250	3.500	2.375	3.000	4.625	32.0
TTG7.5*	1,650	16,500	0 to 1-3/4	14.500	15.000	4.375	2.500	3.625	6.625	61.7

## TTR Girder Clamp



- Designed to lift and transport structural steel beams in horizontal position
- Clamp designed with the hook as near as possible to the center of gravity of the beam
- Long beams should be lifted using 2 clamps attached to opposite beam flanges



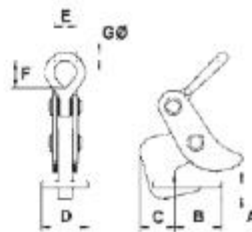
## TTR GIRDER CLAMP

PRODUCT CODE	WORKING LOAD LIMIT (LBS)	FLANGE	DIMENSIONS							WEIGHT
			A	B	C	D	E	F		
<b>Imperial</b>										
	MIN	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)
TTR0.75	90	1,600	1/4 to 5/8	5.375	7.500	2.000	1.750	2.375	3.500	7.7
TTR1.5	350	3,300	1/4 to 1	7.500	10.625	2.625	2.625	3.000	4.875	22.0
TTR3	700	6,600	1/4 to 1	8.250	9.875	3.500	2.625	3.375	5.000	26.5

## CH Heavy Duty Horizontal Plate Clamp



- Used in pairs the CH clamp is designed for loading process machines and to lift and transport sheet steel plate in horizontal position
- Standard smooth jaw can be replaced with serrated hardened steel teeth by request
- Designed to be used with 2 legged slings only



## CH HEAVY DUTY HORIZONTAL PLATE CLAMP

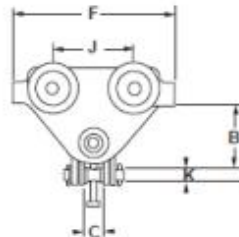
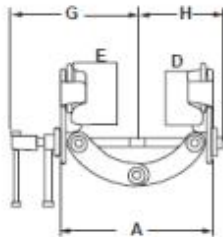
PRODUCT CODE	WLL (LBS)	JAW CAPACITY	DIMENSIONS							WEIGHT
			A	B	C	D	E	F	G	
<b>Imperial</b>										
	MAX	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(LBS)
CH1	2,200	1/4 to 1-1/4	0.591	3.228	2.362	3.937	1.260	1.732	0.512	13.2
CH2	4,400	1/4 to 1-1/4	1.181	3.228	2.362	3.937	1.969	2.874	0.709	24.3
CH2/L	4,400	3/4 to 2	1.181	3.228	2.362	3.937	1.969	2.874	0.709	26.5
CH4	8,800	1/4 to 1-1/4	1.575	4.409	3.150	3.937	2.520	3.622	0.984	37.5
CH4/L	8,800	2 to 4	1.575	4.409	3.150	3.937	2.520	3.622	0.984	50.7
CH6	13,200	1/4 to 3	2.165	6.772	3.937	5.118	3.543	5.118	1.378	101.4
CH6/L	13,200	2 to 5	2.165	6.772	3.937	5.118	3.543	5.118	1.378	123.5
CH8	17,600	1/4 to 3	2.165	6.772	4.134	5.118	3.543	5.118	1.378	116.8
CH8/L	17,600	2 to 5	2.165	6.772	4.134	5.118	3.543	5.118	1.378	132.3
CH10	22,000	1/4 to 4	2.559	8.465	4.724	5.906	4.488	5.118	1.378	209.4
CH10/L	22,000	2 to 6	2.559	8.465	4.724	5.906	4.488	5.118	1.378	238.1
HHS*	17,600	1/4 to 2	2.165	6.614	4.134	5.118	4.134	5.118	3.543	46.3
HHS/L	17,600	2 to 4	2.165	6.614	4.134	5.118	3.543	4.488	1.378	61.7



**CTP**



- Adjustable to fit various flange widths
- Pre lubricated ball bearings on each unit
- Easily attaches Hoist, Pulleys and Slings



**CTP**

PRODUCT CODE	WLL	JAW CAPACITY	MIN CURVE	DIMENSIONS (INCHES)											WEIGHT	
				A		B		C	D	E	F	G	H	J		K
<b>Imperial</b>																
	(LBS)	(IN)	RADIUS (IN)	MIN	MAX	MIN	MAX								(LBS)	
CTP1	2,200	2-3/8 to 5-7/8	0.035	3.740	7.283	3.228	4.291	1.024	2.598	2.874	6.299	6.024	4.134	2.953	0.866	4.9
CTP2	4,400	3 to 7-7/8	0.045	4.921	9.843	4.173	6.102	1.654	3.543	3.937	10.236	8.071	5.472	5.118	0.787	21.8
CTP3	8,800	3 to 7-7/8	0.055	5.315	10.236	5.039	6.732	1.969	4.331	4.921	12.205	8.661	6.102	5.906	0.866	38.6