



- B-21, Bhan Nagar, Queens Road, Jaipur-302021
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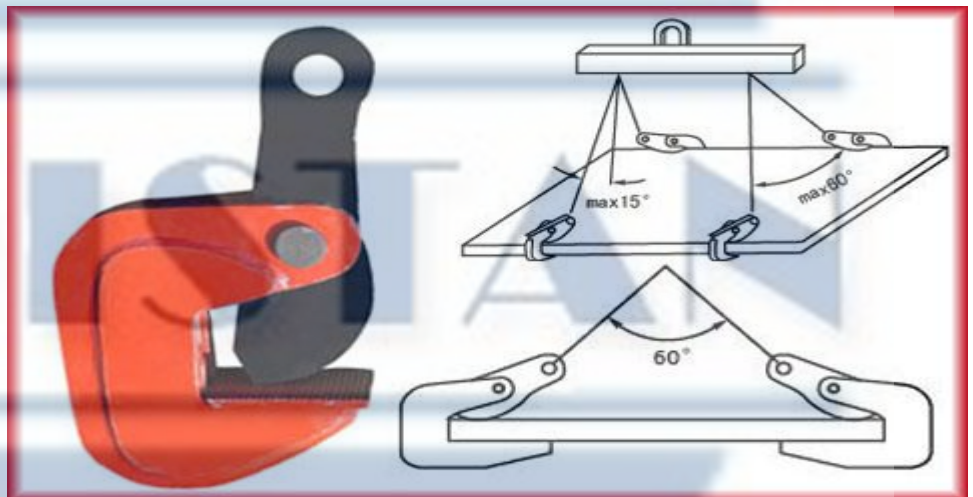
Plate Lifting Clamp



TM

A. Horizontal Plate Lifting Clamp; Horizontal Plate Lifting Clamps are used for lifting and transporting single steel plate. The working load limit is the maximum load that the clamps are authorized to support when used in pairs with a lift angle 60 deg. In lifting operation, four clamps must always be used. When the steel plate is too long, use an equalizing beam to prevent overloading the clamps.

Working Load Limit (Ton)	Steel Plate Thickness (mm)	Weight
		(Kg)
1	0-30	3.5
2	0-40	5
3	0-45	6
5	0-55	7.5
10	0-125	28
16	50-150	50



Features:

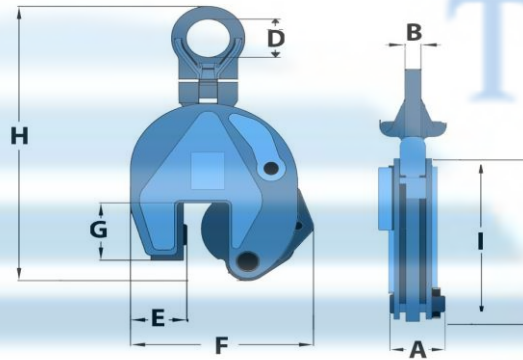
- Capacity – Working Load Limit is 1 to 16 Ton.
- Application: Used for Horizontal Lifting of Steel Plate. Avoid to lifting and transporting multiple plates, used only for single plate lifting.
- Material: Low carbon alloy steel.
- Load Range: 1 ton to 16 tons.
- Two pieces of clamp is used for the testing but four pieces are recommended for lifting operations.
- Tested Load: 2 times WLL-Proof Load, 4 times WLL - Minimum Breaking Point.





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B. Vertical Plate Lifting Clamp; Vertical plate lifting clamps are made of high-tensile steel, excellent in hardness and strength. These clamps have hardened steel jaws for grip. These are used for lifting, handling steel sheets, plates etc in vertical position. They can be used to lift plate from the horizontal to vertical position and vice versa through 180°.



Working Load Limit (Ton)	Steel Plate Thickness (mm)	A	B	D	E	F	G	H	I	Opening (mm)	Weight (Kg/Pc)
		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		
1	0-20	59	12	45	32	122	73	277.5	155	50	3.5
2	0-30	61	16	55	45	165	90	340	190	55	5.0
3	0-40	72	16	60	55	195	110	374	227	70	6.0
5	0-50	82	20	70	70	250	135	458	275	90	7.5
8	0-60	100	25	80	80	345	175	568	370	130	40
10	0-80	100	27	85	93	388	179	601	375	150	45
16	50-150	107	41	100	115	455	200	650	410	160	50

Features:

- Capacity - Load Range is 1 ton to 16 tons.
- The vertical steel plate lifting clamp can be used solely or in pairs.
- Multi plates must not be lifted.
- Avoid snatch or shock loading up the locklever to tighten lockspring when it is under loading and Down the locklever to loose lockspring, then unload.
- Tested load: For 1t, 2t, 3t, 5t, 2 times WLL = Proof Load, 4 Times WLL = Minimum Breaking Strength and For 8t, 12t & 16t, 1.5 times WLL = Proof Load, 3 times WLL = Minimum Breaking Strength.

Applications:

- Vertical Lifting of Steel Plate.
- One piece of clamp is used for the testing and one or two pieces are recommended for lifting operation.

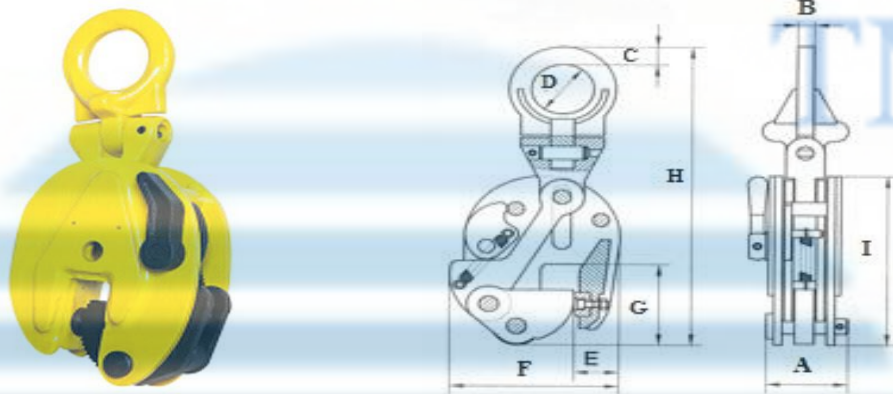




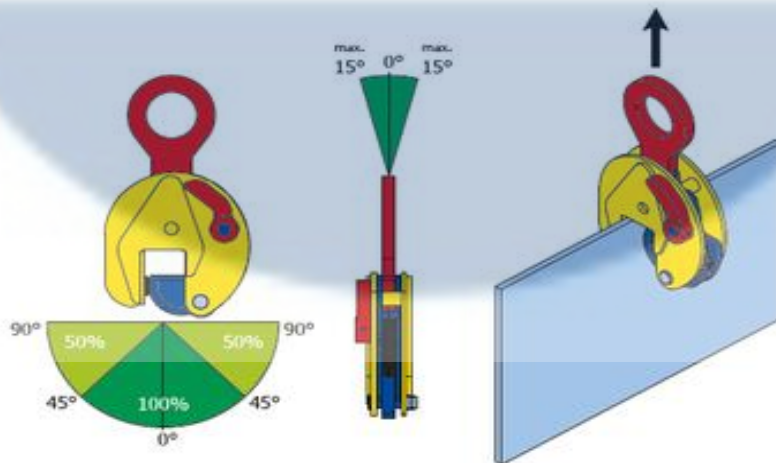
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C. Universal Plate Lifting Clamp; Universal Plate Lifting Clamps are used for lifting, turning, moving or vertical transfer of sheet, plates, or fabrications from horizontal to vertical and down to horizontal (180°) as needed. The hinged hoisting eye allows for the clamp to place and lift the load from any direction, or with a multiple leg sling without side-loading the clamp.



Load Limit (Tons)	Steel Plate Thickness (mm)	A	B	C	D	E	F	G	H	I	Opening (mm)	Weight (Kg/Pc)
		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		
1	0-20	59	12	16	45	32	122	73	277.5	155	50	3.7
2	0-25	61	16	23	55	45	165	90	340	190	55	6.3
3	0-25	72	16	28	60	55	195	110	374	227	70	10.5
5	0-30	82	20	33	70	70	250	135	458	275	90	19.3
8	0-45	100	25	40	80	80	345	175	568	370	130	40
10	0-70	100	27	43	85	93	388	179	601	375	150	48





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Features;

- Load Range: 1 ton to 10 tons.
- Universal hoisting eye.
- It is applicable in lifting steel plates and many more objects.
- One piece of clamp is used for testing but one or two pieces are recommended for lifting operation.
- Suitable for lifting, turning 180° and vertical transfer of steel plates.
- Tested load is 2 times of working load.
- The handle is facility, the way of hoisting is broader.
- Jaw opening capacity is 50-150 mm.

Precautions:

- Proper instruction for the personnel is of vital importance.
- Temperature: The standard lifting clamps may be used with temperatures that lie between 100 °C (212 °F) and -40 °C (-40 °F).
- There are restrictions for operation in special atmospheres (e.g. high humidity, explosive, saline, acid, alkaline).
- Ensure that all attachments between lifting eye and crane are properly fitted, secured and coupled.
- For each lift only one plate may be transported or lifted.
- Pivot(s) and cam-segment may not be placed on sloping or conical surfaces.

