

WARNING

DO NOT EXCEED WORKING LOAD LIMIT.
USE ONLY G80 & G100 COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

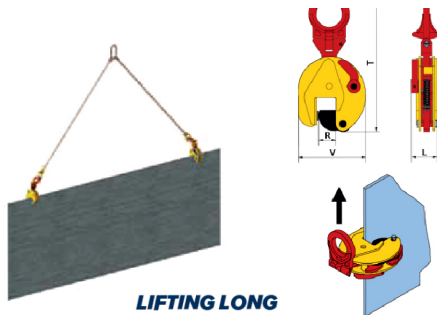


CD SERIES VERTICAL CLAMP

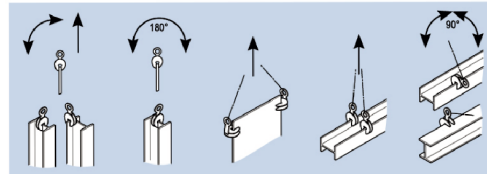
WORKING LOAD LIMIT (WLL) 500-30000KGS

- For lifting and transporting steel plates and structures from all positions (horizontal, vertical and sidelong).
- Articulated lifting shackle.
- CD lifting clamps are equipped with a pre-tension mechanism ensuring the clamp does not slip when lifting force is applied and when load is being lowered.
- The clamp is locked in closed as well as in open position.
- Minimum W.L.L. is 10 % of the maximum W.L.L.

NB: The plate surface of the material must have a hardness level below HRC30/Brinell 300



LIFTING LONG PLATES WITH A 2 LEGGED CHAIN SLING



Model	Jaw Opening [mm]	Load Capacity [kg]	T [mm]	U [mm]	V [mm]	L [mm]	Net Weight [kg]
CD0.5T	0~15	500	205	30	105	48	2
CD1T	0~20	1000	300	50	145	66	5
CD2T	0~25	2000	385	68	175	75	8
CD3.2T	0~30	3200	430	75	215	102	15
CD5T	0~50	5000	500	88	232	112	23
CD8T	0~45	8000	600	88	290	125	37
CD12T	50~90	12000	700	90	420	128	50
CD16T	60~100	16000	710	100	445	128	65
CD20T	0~80	20000	948	100	563	140	160
CD30T	10~90	30000	944	100	568	142	167



CDE SERIES VERTICAL CLAMP

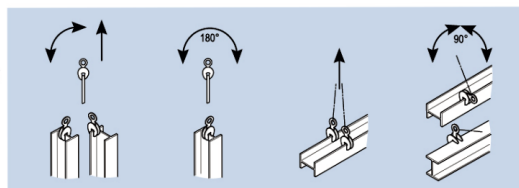
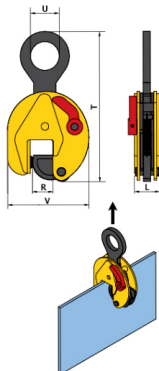
WORKING LOAD LIMIT (WLL) 500-30000KGS

- For vertical lifting and transporting of steel plates and structures.
- CDE lifting clamps are equipped with a pre-tension mechanism ensuring the clamp does not slip when lifting force is applied and when load is being lowered.
- The clamp is locked in closed as well as in open position.
- Minimum W.L.L. is 10 % of the maximum W.L.L.

NB: The plate surface of the material must have a hardness level below HRC30/Brinell 300



TURNING THE PLATE FROM HORIZONTAL TO VERTICAL & VICE VERSA.



Model	Jaw Opening [mm]	Load Capacity [kg]	T [mm]	U [mm]	V [mm]	L [mm]	Net Weight [kg]
CDE0.5T	0~15	500	205	30	105	48	1.75
CDE1T	0~20	1000	210	35	102	55	2
CDE2T	0~20	2000	270	40	140	75	5.1
CDE3.2T	0~30	3200	425	75	215	102	13.6
CDE5T	0~50	5000	480	80	232	112	19.5
CDE8T	0~45	8000	600	88	290	125	34
CDE12T	50~90	12000	700	90	420	128	50
CDE16T	60~100	16000	710	100	445	128	65
CDE20T	0~80	20000	948	100	563	140	160
CDE30T	10~90	30000	944	100	568	142	167




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THK SERIES HORIZONTAL CLAMP

Working load limit (wll) 500-10000KGS

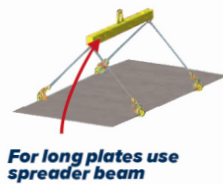
The model THK is a horizontal lifting clamp intended to be used in pairs. Sets of pairs, or in a tripod arrangement for transporting steel plates horizontal. Horizontal lifting clamp for handling inherently stacked bundles of sheets and steel plates.

The lifting clamps are fastened to suitable slings and attached at three or more points on the load being handled.

The THK has a larger jaw opening.

With long load s, we recommend using a spreader beam.

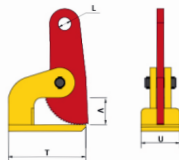
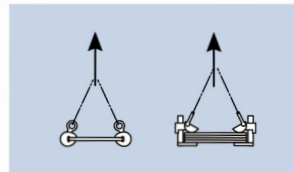
Nb: the plate surface of the material must have a Hardness level below HRC30/Brinell 300



For long plates use spreader beam



For short plates up to 1500mm


LIFTING LONG PLATES WITH A 2 LEGGED CHAIN SLING


Model	Jaw Opening [mm]	Load Capacity [kg/pair]	T [mm]	U [mm]	V [mm]	L [mm]	Net Weight [kg]
THKS0.5T	0~35	500	165	60	43	25	3.1
THKS1T	0~60	1000	180	80	68	25	6
THKS1.5T	0~60	1500	180	80	68	25	6.5
THKS2T	0~60	2000	180	80	68	25	7.5
THKS3T	0~60	3000	220	90	80	30	10
THKS4T	0~60	4000	220	90	70	30	11.5
THKS5T	0~60	5000	220	110	74	30	15.5
THKS10T	0~60	10000	220	130	78	40	23
THK1T	0~100	500	180	80	120	25	7
THK1.5T	0~100	1500	180	80	120	25	7.5
THK2T	0~100	2000	180	80	120	30	9.5
THK3T	0~100	3000	220	90	120	30	12
THK4T	0~100	4000	220	90	120	30	14.5
THK5T	0~100	5000	220	110	123	45	20
THK10T	0~100	10000	220	125	120	45	28



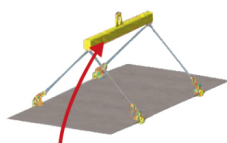
PDB SERIES HORIZONTAL CLAMP

WORKING LOAD LIMIT (WLL) 500-30000KGS

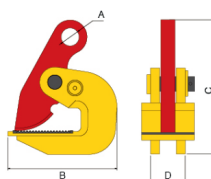
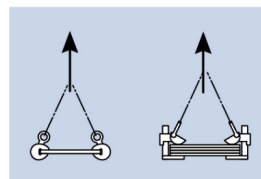
The PDB horizontal plate clamps are suitable for lifting and transport of steel plates, construction and profiled bar in horizontal position, manufactured from high quality carbon steel, avoid snatch or shock load.

The screw jaw of the body can be changed, also have a safety button.

NB: The top angle between the chain / rope legs must not exceed 45 degree from vertical



For long plates use spreader beam



Model	Jaw Opening [mm]	Load Capacity [kg/pair]	A [mm]	B [mm]	C [mm]	D [mm]	Weight [kg]
PDB0.8T	0~25	800	22	125	165	40	2.5
PDB1T	0~30	1000	25	148	205	40	3.5
PDB1.6T	0~30	1600	30	148	205	45	4
PDB2T	0~40	2000	30	172	245	47	5
PDB3.2T	0~45	3200	30	180	245	50	6
PDB4T	0~50	4000	30	170	260	52	6.5
PDB5T	0~55	5000	30	180	260	56	7.5
PDB6T	0~65	6000	37	210	308	62	10.5
PDB6BT	0~130	6000	37	316	310	62	22
PDB8T	0~100	8000	55	282	400	65	22
PDB10T	0~125	10000	55	325	500	75	33



WARNING

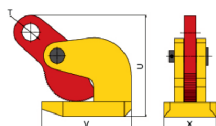
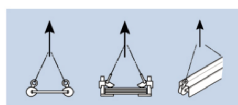
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TUFF PRO TDL SERIES HORIZONTAL CLAMP

WORKING LOAD LIMIT (WLL) 1000-6000KGS

The TDL horizontal plate clamps share the same basic design features as the TCH range of clamps but have a reversed jaw design. This acts as an additional safety feature specifically for use with thin sheets which may have a tendency to deflect or sag or flex. The TDL clamps are particularly suited to thin plate with a surface hardness less than 300 HRC32 Rockwell C.

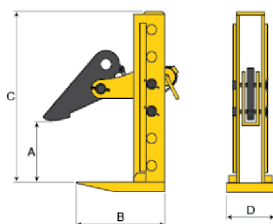
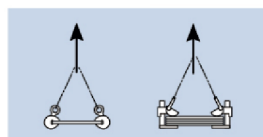
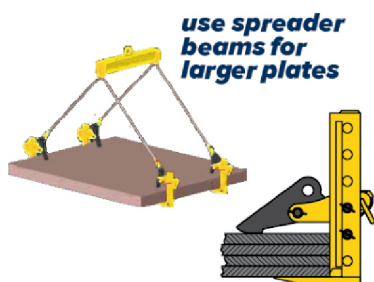


Model	Jaw Opening [mm]	Load Capacity [kg/pair]	V [mm]	T [mm]	X [mm]	U [mm]	Weight [kg]
TDL1T	0~15	1000	140	22.5	65	167	2.5
TDL2T	0~35	2000	150	30	87	170	6.8
TDL4T	0~50	4000	235	40	130	304	18
TDL6T	0~50	6000	235	40	130	304	18

TUFF PRO PDK SERIES HORIZONTAL CLAMP

WORKING LOAD LIMIT (WLL) 3000-15000KGS

The PDK horizontal plate clamps offer superb flexibility because of the large adjustable jaw opening. The jaw is adjusted using a simple ratchet mechanism. These clamps are to be used in pairs and are especially suited to the transportation of large plate bundles.



Model	Jaw Opening [mm]	Load Capacity [kg/pair]	A [mm]	B [mm]	C [mm]	D [mm]	Weight [kg]
PDK3T	0~180	3000	300	102	270	158	19
PDK4.5T	0~240	4500	420	120	280	158	26
PDK6T	0~240	6000	450	123	300	175	40
PDK8T	0~240	8000	515	128	310	200	51
PDK15T	0~240	15000	565	138	324	235	72

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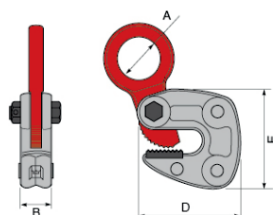
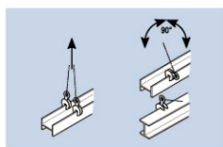
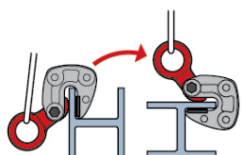
TUFF PRO LC SERIES HORIZONTAL CLAMP

WORKING LOAD LIMIT (WLL) 1000-3000KGS

Compact, lightweight, easy to use clamp for the horizontal lifting shaped structured steel.

- When the sling wire slackens due to the load coming to rest on the floor, the spring loaded initial clamping force will prevent the clamp from detaching from the work piece. It is no necessary to hold the clamp after set it onto the works piece.
- The main body and parts are made from die-forged special alloy steels, which are optimally tempered for maximum strength and durability.

Turning-over of structured steel



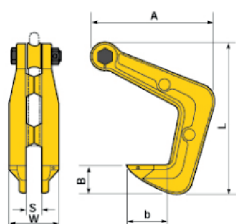
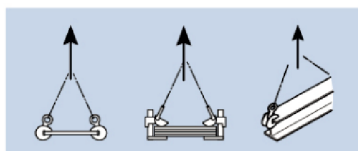
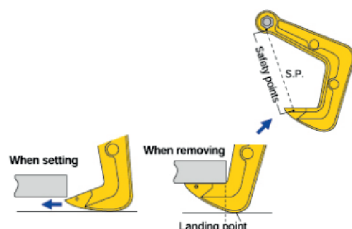
Model	Jaw Opening [mm]	Load Capacity [kg]	A [mm]	B [mm]	D [mm]	E [mm]	Weight [kg]
LC1T	1~13	1000	45	31	108	105	2
LC2T	3~22	2000	58	42	145	135	4.5
LC3T	12~35	3000	42	52	180	175	8.9

TUFF PRO QS SERIES LIFTING CLAMP

WORKING LOAD LIMIT (WLL) 3000-5000KGS

Hook for lifting and handling of steel plates and various steel structures.

- The roller at the head of the hook will not damage the sling rope.
- The sharp hook point is effective when inserting into a small clearance.
- The landing point is at the back of the hook. This unique design makes it extremely simple to remove the hook from the work piece.
- The body is made of die-forged special alloy steels, which is optimally tempered for maximum strength and durability.



Model	Jaw Opening [mm]	Load Capacity [kg]	L [mm]	A [mm]	B [mm]	b [mm]	S [mm]	W [mm]	Weight [kg]
QS3T	0~95	3000	264	215	49	73	65	125	7.8
QS5T	0~125	5000	342	279	60	96	85	160	16.5

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TUFF PRO TPH SERIES PIPE LIFTING CLAMP

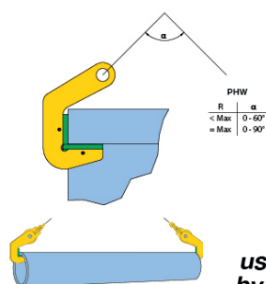
WORKING LOAD LIMIT (WLL) 1500-18000KGS

The TPH pipe plate clamps for horizontal lifting and transporting of steel and concrete pipes.

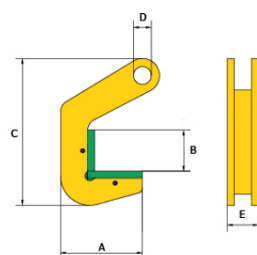
Compact shape and relatively low unit weight with a high lifting W.L.L.

The surface is equipped with "special" plastic.

Plastic cover replacement parts are available and easy to change.



use pairs
by shackles

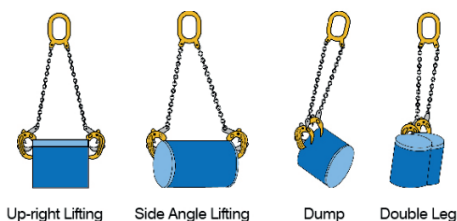


Model	Jaw Opening [mm]	Load Capacity [kg/pair]	A [mm]	B [mm]	D [mm]	E [mm]	Weight [kg]
TPH1.5T	40	1500	127	40	27	35	1.5
TPH3T	40	3000	142	40	27	35	3
TPH4T	50	4000	144	50	30	40	4
TPH6T	50	6000	152	50	30	40	5
TPH8T	70	8000	155	70	30	42	6.7
TPH12T	70	12000	175	70	33	46	10
TPH16T	70	16000	175	70	40	56	13
TPH18T	70	18000	145	70	52	68	15

TUFF PRO SL1 SERIES DRUM CLAMP

WORKING LOAD LIMIT (WLL) 500KGS

- For safe lifting and transporting of steel (oil) drums
- With automatic locking mechanism
- The SL steel drum clamps can be used single or per pair as well
- Avoid snatch or shock loading.
- Clamps firmly on 2-leg Grade 80 chain ling
- This clamp is extremely light weight and very quick and easy to use.



Model	WLL [tonnes]	Jaw Opening [mm]	Weight [kg]
SL1	1.0	0-25	3.6




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TUFF PRO SLBC-66 SERIES BEAM CLAMP

Safe Working Load : 1000 - 20, 000 kgs.

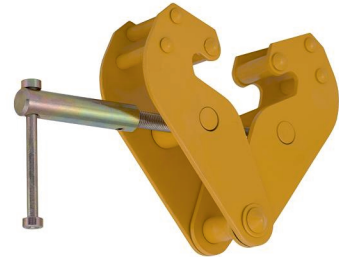
I- Beam (Girder) Clamp can be fixed permanently as well as can be moved easily by unscrewing and screwing for use at the desired points. The clamp serves a variety of applications by quickly creating various stopper points for installing Cranes, Hoists, Chain Pulley Blocks, Deflection Pulleys, Sheave Blocks etc.

The spindle mechanism enables equal & opposite movement of Locking jaws. The clamp jaws are specially designed to secure firm seat on I-Beam flange.

IMPORTANT FEATURES :

- Lower construction height due to integrated traverse.
- Reduced Stress on I-Beam flange due to specially designed clamp jaws.
- Adjustable for a wide range of I-Beam widths & Profiles (INP, IPE & IPB)
- Strong Industrial Design.
- Clamp corresponds to standard specification for vertical load pick-up.
- Each equipment is serially numbered, tested by a competent authority 50% overload & is given Test Certificate.

SLBC-66



BEAM	
CAPACITY	FLANGE WIDTH
1	3" - 7"
2	3" - 7"
3	3" - 12"
5	4" - 13"
10	4" - 13"
15	5" - 16"
20	5" - 16"

TUFF PRO SLPC-67 PIPE CLAMP

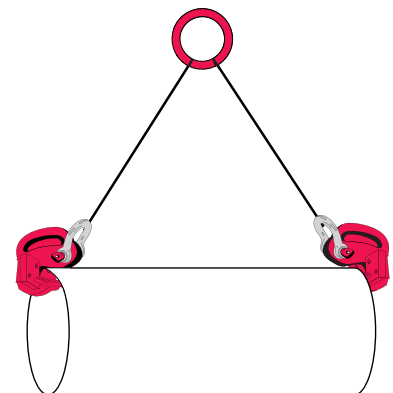


SLPC-67

Local Pipe Lifting Clamps



CAPACITY		Shackle size	Plate Size
EACH	PAIR		
1.5	3	16x19	16
2.5	5	16x19	25
4	8	19x22	28
5	10	19x22	32
7.5	15	25x28	35
10	20	28x32	45



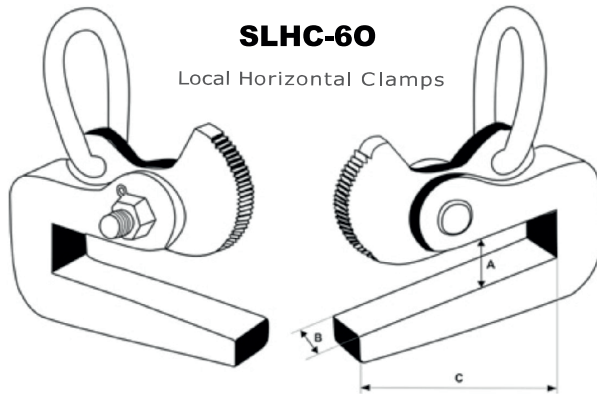
Specifications given are indicative and are subject to change.

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Horizontal Plate Lifting Clamp



SLHC-60

Local Horizontal Clamps

Horizontal Plate Clamps are designed for flat or horizontal lifting and are generally used in pairs. The gripping cam of hardened steel, prevents the clamp from slipping on the load. The cams are available either with serrated teeth or smooth faced, as requested.

WARNING :

1. Do not exceed working load limit.
2. Inspect clamp before each lift.
3. Do not lift more than one plate or sheet at a time.
4. Position clamp to balanced load.
5. Insert plate or unit to full depth of throat opening.
6. Lift slowly and smoothly. Do not jerk load.
7. Stand clear of load when lifting.
8. Do not use a damaged clamp.
9. Read manufacturer's instructions before Using clamps

HORIZONTAL PLATE LITING CLAMPS WITH HARDENED JAWS							
CAPACITY IN TONS		JAW OPENING A	PLATE ADMIT C	BODY DIA B	CAM DIA	RING SIZE d X D	WEIGHT PER PAIR KGS
PAIR	EACH						
1	0.5	50	150	40	16	16 X 75	12
2	1	60	170	45	16	20 X 85	13.5
3	1.5	70	200	55	20	22 X 95	26.5
5	2.5	85	260	65	25	25 X 95	40
10	5	95	300	90	32	32 X 135	78
20	10	150	400	120	40	45 X 200	160

Dimension x can be altered as per customer's requirement

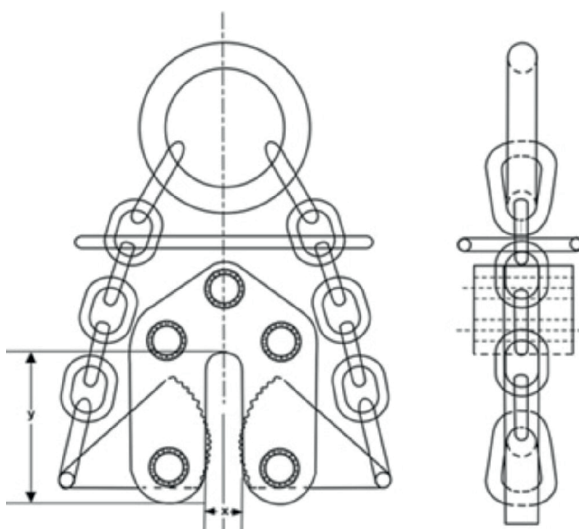
Specifications given are indicative and are subject to change.

Vertical Plate Lifting Clamp



SLVC-60

Local Vertical Plate Lifting Clamps



Lifting Capacity (Tons)	Plate Admit x (mm)	Throat Depth y (mm)
1	0-28	105
2	0-30	105
3	0-45	128
5	0-45	128
7	0-80	185
10	0-80	185

Specifications given are indicative and are subject to change.

Dimension x can be altered as per customer's requirement