

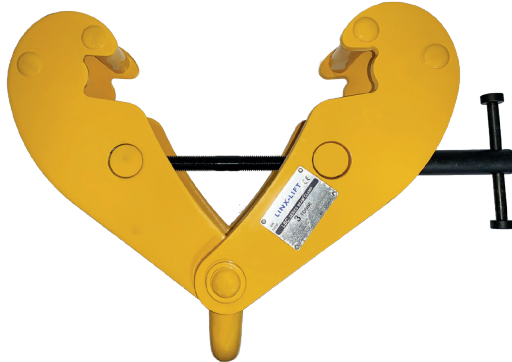


January 2021

USER MANUAL

LBC SERIES BEAM CLAMP

(EN 13155)



WARNING!

This equipment should not be installed, operated or maintained by any person who has not read and understood all the contents of this manual. Failure to read and comply with the contents of this manual may result in serious bodily injury or death and/or damage to property.

1. GENERAL

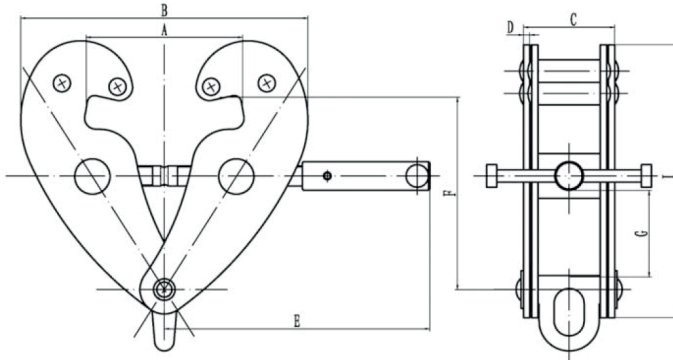
This user manual provides important information for all personnel involved with the safe installation, operation and proper maintenance of this product.

When using beam clamps there are different kinds of risks that you may encounter which could result in personal injury or damage to property. It is therefore imperative that anyone involved in the installation, maintenance or operation of the beam clamp is familiar with the contents of this user manual and follows the guidance set out in it.

2. SAFE OPERATION INSTRUCTIONS

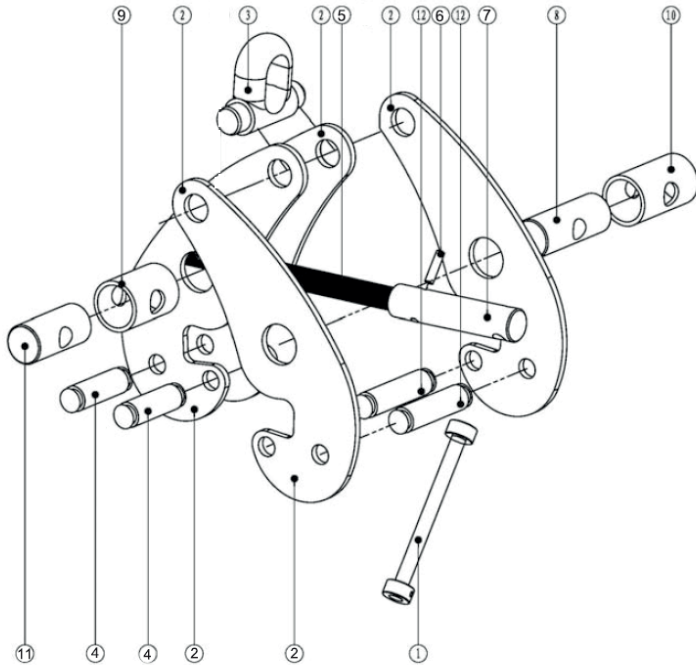
1. The beam clamp should be inspected for wear or damage prior to assembly and installation.
2. NEVER use a beam clamp that is found to be defective in any way.
3. Only ever attach a hoist with a rated capacity equal to or less than the capacity of the beam clamp.
4. Ensure that the beam clamp is situated correctly over the centre of gravity of the item being lifted.
5. Do not subject the beam clamp so side loading.
6. Never lift a load over people!
7. Do not swing a suspended load.
8. Always ensure that that the beam clamp is properly tightened and that the lifting appliance is fitted correctly to the eye of the beam clamp.
9. Do not modify the beam clamp in any way.

3. TECHNICAL SPECIFICATION



Model	LBC-1T	LBC-2T	LBC-3T	LBC-5T	LBC-10T	
Capacity (t)	1	2	3	5	10	
Beam flange width (mm)	75-230	75-230	80-320	90-310	90-320	
Dimensions (mm)	A max	270	270	350	350	365
	B min	185	185	225	225	255
	B max	370	370	500	500	510
	C	80	85	117	125	158
	D	5	6	8	10	12
	E	220	220	265	265	280
	F min	90	90	140	140	170
	F max	165	165	225	225	235
G min	25	25	45	45	50	
Weight (kg)	3.8	5	9	11	18.6	

4. EXPLODED VIEW DRAWING



1	Handle	5	Screw mandrel
2	Side plate	6	Socket head cap screw
3	Shackle	7	Lever handle link cover
4	Stay		

5. INSTALLATION

1. Measure the width of the beam flange and open up the beam clamp accordingly.
2. Place the beam clamp on to the beam flange and turn the threaded load bar using the handle to reduce the width until it clamps tightly on the beam.

6. MAINTENANCE

1. Check the general condition of the beam clamp prior to use.
2. In the event that any defective parts are found, remove the beam clamp from service immediately.
3. Defective parts should be replaced with genuine items only.

