User Instructions & Safety Manual



Universal Beam Clamp

Rated Capacities
3 through to 10 tonnes

Note: Operator must read and fully understand the operating instructions before using this product.

Products supplied comply with the essential health & safety requirements of the Machinery Directive 2006/42/EC, the Supply of Machinery (Safety) Regulations 2008 and the Health & Safety at Work etc Act 1974 section 6.

George Taylor & Company maintain a policy of progressive development of products and reserve the right to alter, without notice, the specifications shown within this manual.

www.gtlifting.co.uk

George Taylor & Company Lifting Gear (Midlands) Ltd.
Unit 4, Fryers Road, Walsall WS2 7LZ UK
T +44 (0)1922 490220 **F** +44 (0)1922 490229 **E** office@gtlifting.co.uk

Safety Information

GENERAL

This manual contains important information for the correct installation, oepration and maintenance of Viper Universal Beam Clamps. The use of any clamp presents some risk of personal injury or property injury/damage.

This clamp has been designed not only for vertical use, but also for side load applications where conventional clamps are not suitable. This clamp is highly flexible in application and can be used for lifting, pulling or as a temporary anchor point.

ALWAYS

- Ensure the operator is properly trained to use universal beam clamps.
- Store and handle beam clamps correctly.
- Inspect beam clamps and accessories before use and before placing into storage.
- Ensure the supporting structure is adequate for the full load that will be imposed and suitable for the application.
- Check the clamp is of the correct profile and size, or correctly adjusted, for the beam width and that it seats correctly on the beam flange.
- Ensure the beam clamp is strong enough for the full load that will be imposed and that the beam will not be damaged by localised overloading.

NEVER

- Use beam clamps which are unidentified or uncertified for lifting applications.
- Never replace bolts, shackles etc without consulting the supplier.
- Throw or drop beam clamps.
- Use beam clamps on damaged or distorted beams.
- Force or wedge hooks of lifting appliances into the attachment eye or fitting.
- Obliquely load beam clamps without the authority of the supplier.

STORAGE & HANDLING

Never return damaged beam clamps to storage. They should be dry, clean and protected from corrosion. Where necessary fasteners should be reassembled immediately after removal from the beam.

SAFE USE

The safe use of beam clamps will largely be governed by the requirements for the lifting appliance with which it is to be used but should take the following matters into account:

⚠ CAUTION

Do not use defective beam clamps, lifting appliances or accessories.

Ensure the structure from which the clamp is to be suspended is undamaged and is adequate for the full load that will be imposed. If any doubt exists consult a Competent Person to confirm suitability.

Ensure the clamp is suitable for the application, correct size and profile for the beam and seats correctly. It must not cause localised overloading.

Ensure the lifting appliance is compatible with the clamp and that hooks or other attachments fit freely into the eye of the clamp.

The clamp must be positioned directly over the centre of gravity of the load and the load must not be allowed to swing.

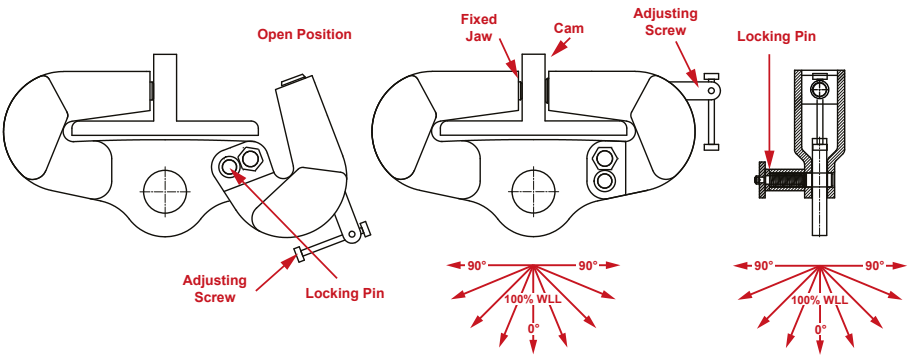
INSPECTION & MAINTENANCE

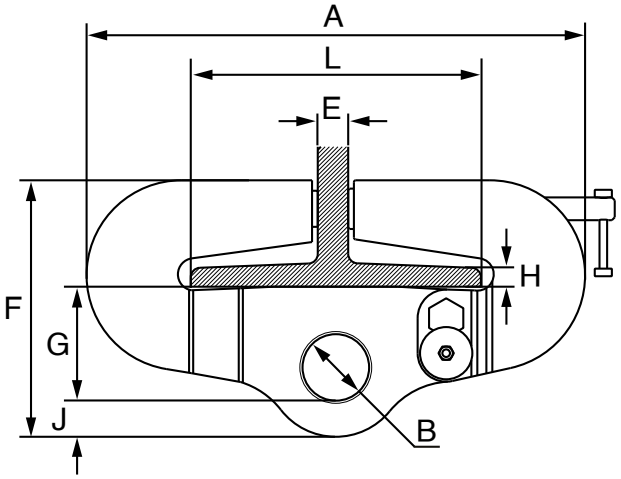
Beam clamps should be cleaned and any moving parts lubricated at appropriate intervals.

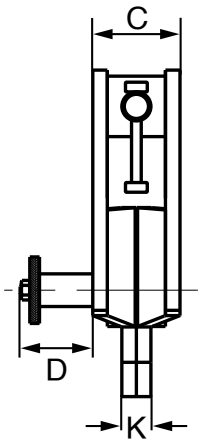
Regularly inspect the beam clamp, in the event of the following defects, remove the beam clamp from service and to a Competent Person for thorough examination:

- Wear.
- Damage, Distortion or Cracks
- Insecure Bolts etc.
- Corrosion.
- Illegible Markings.

Specifications

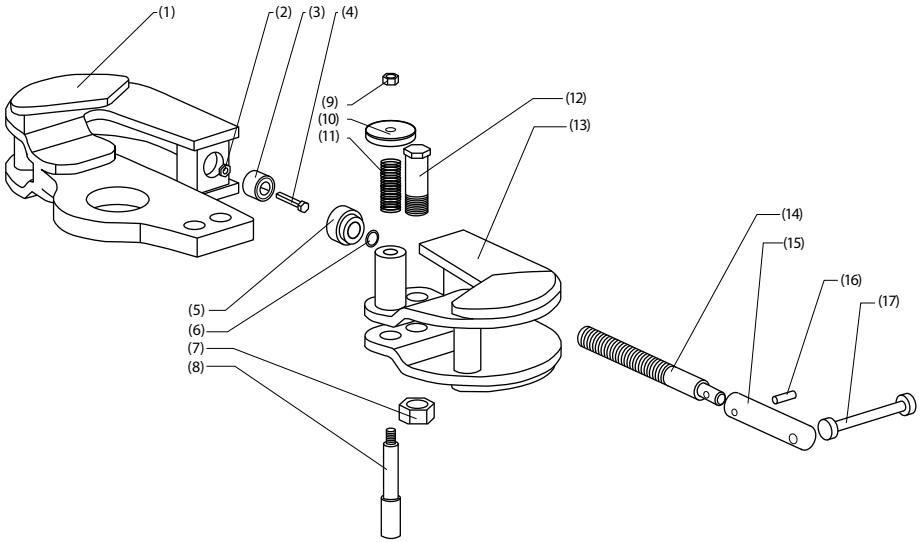






Product Code	W.L.L. kgs	Beam Range mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	K mm	Weight kgs
VUBC3	3,000	125 - 204	387	60	70	57	32	235	100	25	28	20	12.5
VUBC5	5,000	125 - 305	527	70	74	60	32	270	120	25	38	24	20.5
VUBC10	10,000	125 - 305	527	70	74	60	32	278	120	25	38	24	24.5

Spare Parts Breakdown



Part No.	Part Name
1.	Fixed body
2.	Nut M6
3.	Round Plate
4.	Bolt
5.	Ball Head Plate
6.	Snap Ring
7.	Nut M20
8.	Active Pin
9.	Nut M8

Part No.	Part Name
10.	Pulling Plate
11.	Pressure Spring
12.	Hanger Shaft
13.	Active Part
14.	Screw Rod
15.	Handle Sleeve
16.	Spring Pin
17.	Handle

www.gtlifting.co.uk

George Taylor & Company Lifting Gear (Midlands) Ltd.
Unit 4, Fryers Road, Walsall WS2 7LZ UK
T +44 (0)1922 490220 **F** +44 (0)1922 490229 **E** office@gtlifting.co.uk