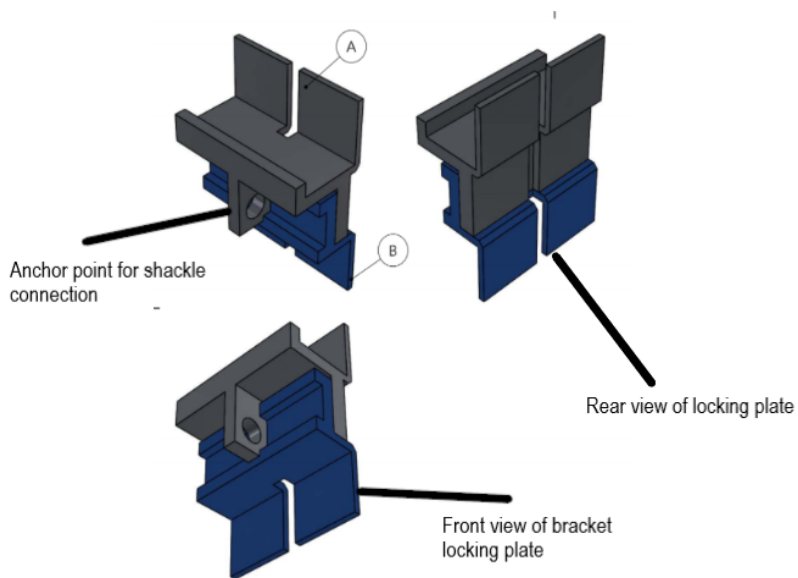




## QAB Technical information and instructions

### Nomenclature

The QAB lifting bracket is manufactured from solid aluminium billet and is a 2 part system. A & B



ACCESS SYSTEM  
COMPONENT DATA SHEET:  
TITLE: LIFTING BRACKET ASSEMBLY  
PARTS NOS: QAB/LB/0043A +  
QAB/LB/0043B  
MATERIAL: ALUMINIUM 6082-T651  
OVERALL SIZE: 130mm x 164.5mm  
x 69.5mm  
WEIGHT: 1.019 Kg  
SWL: 500 Kg  
FINISH: ALUMINIUM MACHINED  
TOLERANCE CLASS: IT13

These instructions explain how to correctly use your equipment. Only certain techniques and uses are described. The warning symbols inform you of some potential dangers related to the use of your equipment, but it is impossible to describe them all. Check [QAB systems.com](http://QABsystems.com) for updates and additional information. You are responsible for heeding each warning and using your equipment correctly. Any misuse of this equipment will create additional dangers. Contact [QABsystems.com](http://QABsystems.com) if you have any doubts or difficulty understanding these instructions.



QAB Technical information and instructions

## 1 Field of application

Lifting accessory for attaching welded mesh (**358 variety ONLY**)

This equipment can be used for lifting and is rated to a safe working load (SWL) of 500Kg. This product must not be pushed beyond its limits, nor be used for any purpose other than that for which it is designed. **It is classified as a lifting accessory and falls under the requirements of LOLER (UK Regulations).**

### Responsibility WARNING

Activities involving the use of this equipment are inherently dangerous. You are responsible for your own actions, decisions and safety.

Before using this equipment, you must: -

Read and understand all Instructions for Use. -

Get specific training in its proper use. -

Become acquainted with its capabilities and limitations. -

Understand and accept the risks involved.

Failure to heed any of these warnings may result in severe injury or death and damage to infrastructure.

This product must only be used by competent and responsible persons, or those placed under the direct and visual control of a competent and responsible person. You are responsible for your actions, your decisions and your safety and you assume the consequences of same.

If you are not able, or not in a position to assume this responsibility, or if you do not fully understand the Instructions for Use, do not use this equipment.

## 2. Nomenclature

(A) Anchorage plate (B) Locking plate ( C ) Shackle attachment hole

Materials: aluminum 6082-T651

## 3. Inspection, points to verify

Your safety depends upon the integrity of your equipment. QAB recommends a detailed inspection by a competent person at least once every 6 months (depending on current regulations in your country (UK LOLER REGS) and after any exceptional event, such as an arrested fall or if the product itself falls a distance onto a hard surface.

Warning: your intensity of use may cause you to inspect your lifting bracket more frequently. Follow the procedures described in the instructions for use.



## QAB Technical information and instructions

Record the results of your inspection on a LOLER form: type, model, manufacturer contact info, serial number or individual number, dates: manufacture, purchase, first use, next periodic inspection; problems, comments, inspector's name and signature.

It is recommended that you mark the next inspection date on your product.

Before each use check the condition of the shackle aperture (absence of deformation, cracks, marks, wear, corrosion...). If you are unable to examine the device due to wear, discontinue use of the product. Check the condition of the locking plates ensure no deformation in the locking plates, and that the shackle can be properly held in position.

During use It is important to regularly monitor the condition of the product and its connections to the other equipment in the system. Make sure that all items of equipment are correctly positioned with respect to each other.

### **4. Compatibility**

Verify that this product is compatible with the other elements of the system in your application (compatible = good functional interaction). Lifting equipment used with your bracket must meet current standards in your country (e.g.lifting slings ISO 18264:2016 (en) Textile slings).

### **5. Installation and strength**

Lifting brackets are designed to be used in pairs whilst lifting 358 welded mesh panels. Although the SWL of 500kg is of sufficient strength to lift panels alone it is advisable to have 2 points of contact on the load.

**Foreseeable misuse-** the bracket is designed to lift individual welded mesh fence panels upto 500kg..

**DO NOT USE FOR LIFTING PACKS OF FENCING.**

**PART A & B MUST BE USED TOGETHER, SOLE USE OF PART "A" ALONE WILL NOT PROVIDE SUFFICIENT ATTACHMENT TO THE LOAD**

**Misuse of this product may result in physical harm, always use within the manufacturer's guidelines and instructions. The condition of the mesh MUST always be taken into consideration prior to using this system.**

Prior to use the bracket must be inspected to ensure it is free from damage, deformation and cracks that may affect its performance.

The Lifting and Tensioning Bracket is designed and rated to be utilised as a lifting point to lift and assist with tensioning 358 welded mesh products. 500Kg SWL.



## QAB Technical information and instructions

### 6. Care and maintenance

After use care- ensure any dirt or foreign objects are removed from the bracket system with warm soapy water and dry. If used near any chemical substances, consult the MSDS (material safety data sheet) for effects on aluminium.

If used in a marine environment, ensure all salt residue is washed off after use.

If the bracket is subject to shock loading or overloading, ensure it is thoroughly inspected afterwards. If in doubt consult the manufacturer or perform controlled disposal.

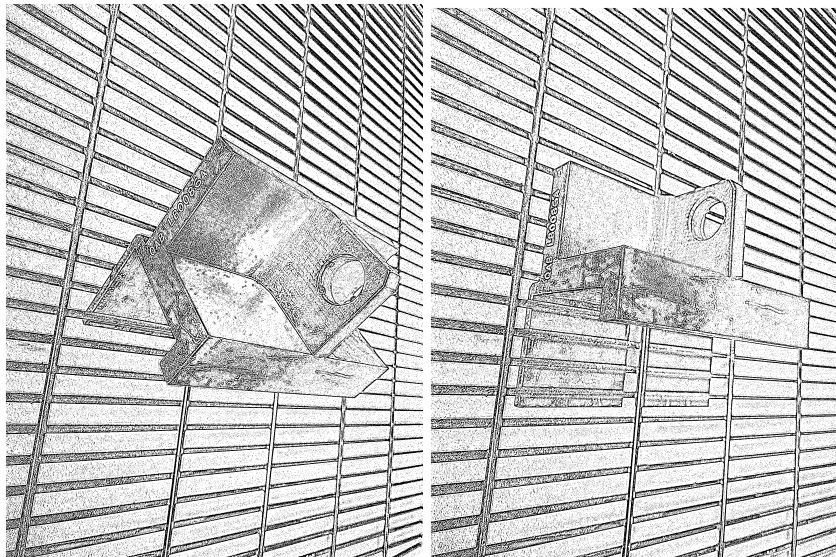
Avoid excessive heat (+50°C) DO NOT ALTER OR WELD THIS ITEM.

Any misuse of the item will be the sole responsibility of the user.

**These brackets are considered lifting accessories and as such fall within the requirements of the LOLER (UK) regulations for testing and inspection**

### Bracket placement

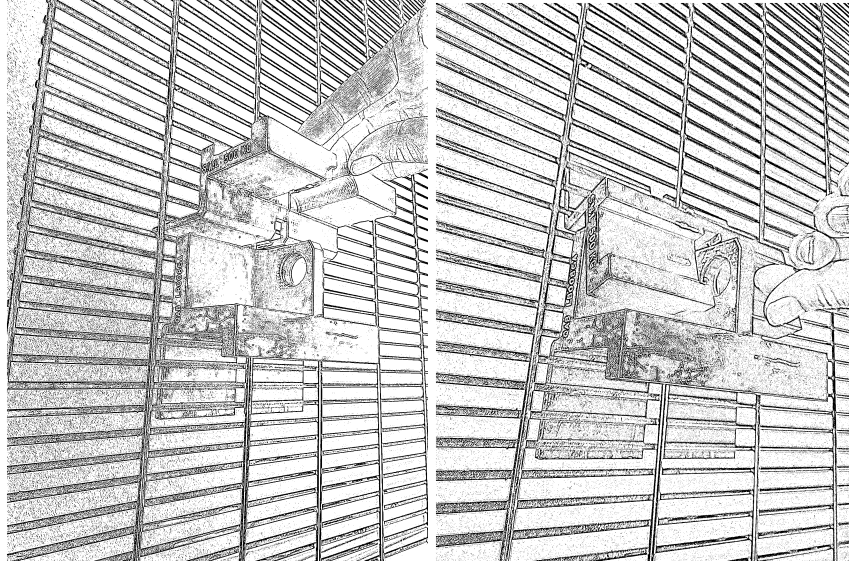
1. Offer the male part, identified by the anchorage hole in the flange of the bracket to the fence, ensuring it is located either side of a vertical wire.



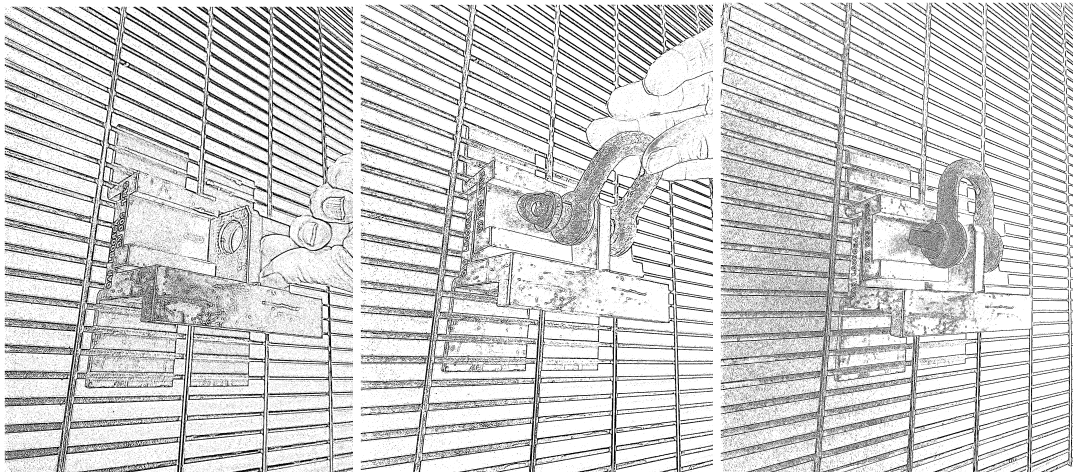


## QAB Technical information and instructions

2. The second part of the bracket must be inserted directly above the first part in order that the male and female parts align correctly. As per the below images.



3. Once the parts are aligned, place the U shackle on the anchorage hole and secure with the pin ensuring that the U shackle can swivel freely.



Two brackets may be used on opposite sides of a fence panel to lift the panel as straight as possible with the use of “tag lines” to control the panel.

Two brackets can be used as a tensioning aid when inserted on adjacent panels. The Brackets may be joined together with a ratchet strap and tensioned accordingly, taking care not to over-tension and damage the panel.



QAB Technical information and instructions

**Rated under EN795 the bracket can be used as an anchorage for personal fall protective equipment. However “best practice” dictates that lifting and PFPE should be kept separate.**

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