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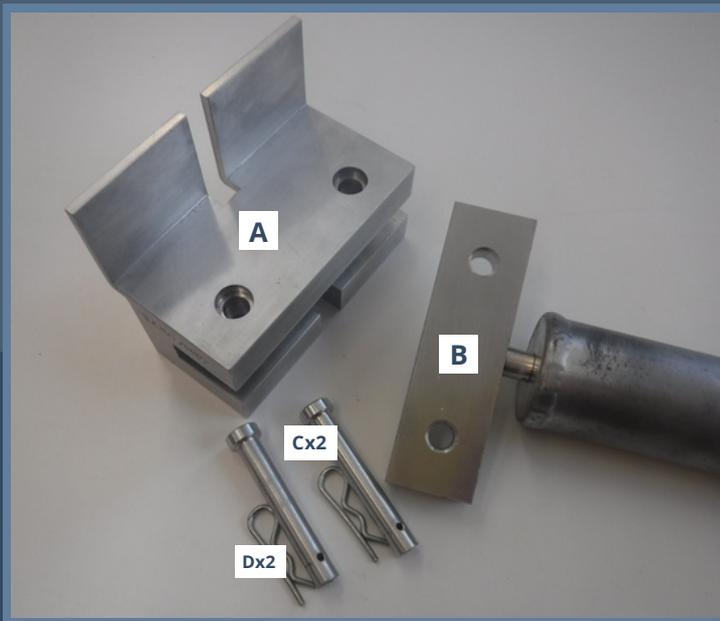
QAB 90° BRACKET FOR ALLOY ACCESS LADDER

TECHNICAL INFORMATION & INSTRUCTIONS

NOMENCLATURE

The QAB 90° Bracket for alloy access ladder is manufactured from a solid aluminium billet and hollow tube. It consists of 6 components, (A&B) secured by 2 alloy pins and 2 cotter pins (C&D), Support post (E) and QAB Alloy ladder (F).

- A** Fence attachment bracket
- B** Ladder attachment spade
- C** Alloy pins
- D** Cotter pins
- E** Support post
- F** QAB alloy ladder



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 if you have any doubts or difficulty understanding these instructions.



1 FIELD OF APPLICATION

QAB 90° Bracket for alloy access ladder for attaching aluminium access ladders to welded mesh (358 variety ONLY). This equipment can be used for personal access and is rated to a safe working load (SWL) of 120Kg. This product must not be pushed beyond its limits, nor be used for any purpose other than that for which it is designed.

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) ladder attachment spade (C) Securing pins (D) Cotter pins (E) Aluminium adjustable pole (F) Alloy QAB ladder with adjustable feet.

Materials: aluminum 6082-T651

3 INSPECTION, POINTS TO VERIFY

Your safety depends upon the integrity of your equipment. Pre-use inspection of the bracket and associated ladders should take place before use. QAB recommends a detailed inspection by a competent person at least once every 6 months (depending on current regulations in your country and after any exceptional event, overloading or if the product itself is subject to damage).



WARNING

YOUR INTENSITY OF USE MAY CAUSE YOU TO INSPECT YOUR LADDER SYSTEM MORE FREQUENTLY. FOLLOW THE PROCEDURES DESCRIBED IN THE INSTRUCTIONS FOR USE.

Record the results of your inspection on a ladder inspection 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 spade (B) 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 bearing surfaces to ensure no deformation and that the pins 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).

5 INSTALLATION AND STRENGTH

The bracket is designed to be used with the QAB ladder system with 358 welded mesh panels.

FORESEEABLE MISUSE

THE BRACKET IS DESIGNED TO ATTACH QAB LADDER SYSTEMS



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DO NOT USE WITHOUT A SUPPORT LEG DO NOT USE WITH PART "A" INVERTED

PART A, B, C, D, E & F MUST BE USED TOGETHER, SOLE USE OF PART "A" ALONE WILL NOT PROVIDE SUFFICIENT ATTACHMENT TO ATTACH LADDERS

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.

6 CARE AND MAINTENANCE

After use care- ensure any dirt or foreign objects are removed from the bracket system with warm soapy water and then dried. 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.



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SYSTEM PLACEMENT

The QAB 90° Bracket for alloy access ladder is manufactured from a solid aluminium billet and hollow tube. It consists of 6 components, (A&B) secured by 2 alloy pins and 2 cotter pins (C&D), Support post (E) and QAB Alloy ladder (F).

1

Offer part A, to the fence, ensuring it is located either side of a vertical wire and at a suitable height to give the ladder the correct angle (4:1 or 75°).



2

Part B of the bracket must be inserted directly into part A in order that the male and female parts align correctly. As per the below images.



3

Once the parts are aligned, place the 2 locating pins into the bracket from above.



4

Secure the pins in place by inserting the 2 cotter pins



5

Attach the upright alloy tube to ensure the ladder attachment bracket is horizontal and the foot is on firm ground. Tighten the butterfly nut firmly.



6

Attach the ladder to the horizontal bar ensuring the clips seat correctly.



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7

Ensure the feet are secure on the ground using the screw in and out facility on the foot.



 **PLEASE NOTE**

When climbing the ladder, ensure you maintain 3 points of contact.

**IF YOU INTEND TO USE BOTH HANDS TO PERFORM
MAINTENANCE ON SYSTEMS ON THE FENCE IT IS
STRONGLY RECOMMENDED THAT A QAB FALL
RESTRAINT BRACKET AND ASSOCIATED HARNESS AND
FALL ARREST SYSTEM ARE UTILISED.**

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