

Safe Use Instructions

Quick Ground Release Shackle – Euro 4

Suggested Safe Use Instructions for Euro 4 Quick Release Shackle

The method of equipment safe use described is only a suggestion, the ultimate safety and responsibility of using the ground protection equipment stays with the company and/or responsible persons using it.

| Type | Sheet Type | WLL | Weight |
|-------------------|---------------------------|----------------|---------------|
| Euro 4 QRS | Std/L8/KD4/KD6/SEI | 4.0 ton | 18kg |

Part 1

Inspection of the QRS before use.

- (1) Immediately after the QRS has been delivered make sure you are happy that it is in good working order, and you have a dated examination report of thorough examination. This exam report is to be kept safe by the competent person responsible for the safe use of the item.
- (2) Check the locking pin works correctly when pulled back by the wire rope and ring. Any damage to the locking mechanism or pin must be reported immediately. Do not use the QRS if you consider it not safe to use. You will be charged for damage when it has been returned if there is any, as well as cleaning, if it is returned with excess mud, soil or dirt, on it.
- (3) Always check the Quick Release Shackle each and every time before use.

Depot contact numbers:

Bristol Depot: (0117) 982 8236
Cardiff Depot: (01443) 844713
Reading Depot: (0118 958 1078

Part 2

Using the QRS

- (1) It is always best practice to use a suitable single leg drop chain with swivel locking hook to attach between the QRS and the machine that is lifting it. It allows the QRS to turn when pitching the sheets.

WARNING

Shock loads can be more than twice the static load, and can cause very serious damage to the chain you are using – which could also include the chain failing, causing death or serious injury to the operator and the people around the excavation.

- (2) The easiest way to attach the QRS to the trench sheet, is to slide the sheet you are going to lift out of the pile, pull the pin release wire rope and metal ring out, slide the QRS onto the end of the sheet, lining up the pin with the hole at the end of the sheet, push the locking pin back into the BODY of the QRS, which will lock the pin firmly in place.
- (3) You are then ready to lift the trench sheet away and place it in the excavation.
- (4) When the trench sheet is placed in the excavation, and is secure, you are then ready to use the wire release rope to disengage the pin from the sheet by pulling the O ring at the end of the wire rope on the QRS.
- (5) You repeat this procedure for every other trench sheet you need to put in the excavation.

Part 3

Safety Information

- (1) This Quick Release Shackle is only to be used for placing Trench Sheets.
It is NOT to be used for pulling.
- (2) When the trench sheets have been pulled from the excavation they can be lifted away using the sheet extractor or vibrating hammer.
- (3) It is always best practice to clean the sheets of any excess mud or soil before re-stacking them in piles of no more than 20no Standard – 15no KD4, and 10no KD6/SEI sheets.
- (4) Ensure the piles are put in a place where they can be easily reached by our collection staff.

The trench sheets will only be collected by our transport department if they are taken out of the ground, and stacked in manageable piles.

We would like to draw your attention to HSE legislation on safe lifting practices, and current working at height legislation.

If you or any of your staff require training on how to use the item described above safely, the contact details are provided below.

If you require any further technical information on our equipment, please contact:

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