



USER INSTRUCTIONS

Ground Stake Linking Strap

Code

LPP0024

lyon.co.uk/user-instructions



For more detailed user information and to download a PDF copy of these instructions follow the link above or scan the QR code with your smart phone

Lyon Equipment Limited
Units 3-7, Tebay Business Park,
Old Tebay,
Penrith,
Cumbria, United Kingdom,
CA10 3SS

Tel: +44 (0) 15396 24040

Email: info@lyon.co.uk

Web: lyon.co.uk

© Lyon Equipment 2017



Downloaded from lyon.co.uk

UI_LPP0024_17219

Quality Assurance

Quality management system assessed and certified as meeting the requirements of ISO 9001.

WARNING

Practical training in the use of ground anchor systems is essential before use. Please contact Lyon Equipment if you require training.

This information must be read and kept in conjunction with the Lyon General User Instructions supplied with this product.

Use

The Ground Stake Linking Strap is intended to be used to link suitable ground anchor stakes together to create a ground anchor system.

Ground Stake Linking Straps are not personal protective equipment (PPE) or Lifting Equipment.

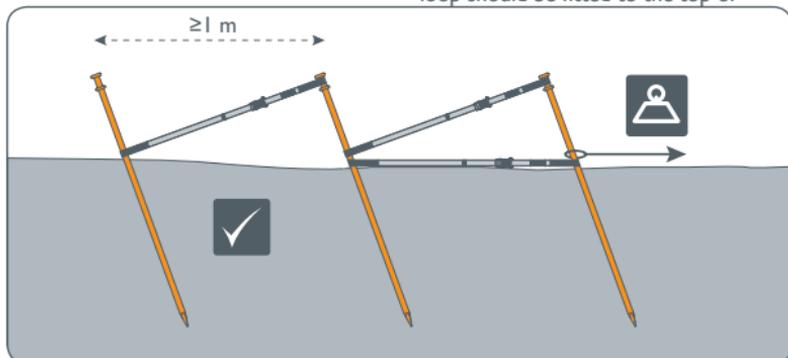
Lyon Equipment supplies two types of ground anchor stake: the individual T-Stake Ground Anchor and the individual Ground Anchor Stake.

Always refer to the User Instructions supplied with the ground anchor stakes and ensure the Ground Stake Linking Strap is compatible with the ground anchor stake.

Connect ground anchor stakes together using the Ground Stake Linking Strap as shown in the images.

Install a Ground Stake Linking Strap over the first and second ground anchor stakes so that it sits flat on the ground between the first and second ground anchor stakes. The fixed loop should be placed over the first ground anchor stake, and the adjustable loop should be placed over the second ground anchor stake. If required, the fixed loop may be wrapped around the first ground anchor stake to hold it in place more securely. Do not wrap the adjustable loop around the second ground anchor stake as this prevents adjustment of the Ground Stake Linking Strap.

Use a second Ground Stake Linking Strap at an angle to join the first and second ground anchor stakes. The fixed loop should be fitted to the top of



the first ground anchor stake, and the adjustable loop positioned at the base of the second ground anchor stake. Repeat for each subsequent ground anchor stake.

Ensure the wear protection sleeves on all Ground Anchor Stake Linking Straps are correctly located to prevent webbing coming into contact with ground anchor stakes.

Tighten the Ground Stake Linking Strap by hand, ensuring that the Ground Stake Linking Strap has sufficient tension to prevent movement of the ground anchor stakes. Do not over-tension as this may reduce the holding power of the ground anchor system. Each Ground Stake Linking Strap should be equally tensioned to maximise load-bearing ability.

Do not allow moving ropes to come into contact with Ground Stake Linking Straps.

Do not allow the Ground Stake Linking Strap to interfere with the operation of any device attached to the ground anchor system.

During use it is essential to regularly check that the ground anchor system is holding the load applied, it is still correctly positioned and the Ground Stake Linking Straps maintain the tension between the ground anchor stakes.

Ground Stake Linking Straps must only be loaded in line with their placement position.

Inspection

Ground Stake Linking Straps should be subject to:

- Pre-use checks
- Thorough inspections – every 6 months recommended
- Interim inspections (as appropriate)

Check all metal items for any signs of wear, corrosion, deformity or defect.

Check the cam lock buckles for significant deformity, sharp edges and/or cracks. Sharp edges and burrs may be removed with emery cloth.

Check that the cam lock buckles function correctly and that the nuts and bolts are securely fastened.

Webbing should be checked for cuts, abrasion, burn marks, and signs of fading which may indicate UV damage. Check stitching for broken, cut or worn threads.

The checks should be undertaken in good light. Any item showing any defect should be withdrawn from service immediately.

It is recommended that the Ground Stake Linking Strap is marked with the date of the next or last inspection.

Chemicals

Avoid all contact with chemical reagents that could affect the performance of the Ground Stake Linking Straps, e.g. acids, caustic substances and oxidising agents. If the Ground Stake Linking Strap comes into contact with any chemicals, remove

it from service and contact Lyon
Equipment for advice.

Materials

The webbing is polyamide

The thread is polyamide

The cam lock buckles are steel /
aluminium alloy.

Obsolescence

Ground Stake Linking Straps have a
maximum lifetime of 10 years.

Marking

Marking, if required, can be made on the
label with an indelible laundry marker.

Markings

	Manufacturer's logo
	Refer to user instructions
idN	Individual serial number will be in the format YYDDD I2345. The first two digits give the year of manufacture, the next three digits the day of the year from 001 to 365 and the five digits after is the number in the series
LPP0024	Product code

End of document.



General user instructions

Lyon Equipment Limited
Units 3-7, Tebay Business Park,
Old Tebay,
Penrith,
Cumbria, United Kingdom,
CA10 3SS

Tel: +44 (0) 15396 24040
Email: info@lyon.co.uk
Web: lyon.co.uk

© Lyon Equipment 2014-2015

lyon.co.uk/user-i-instructions

For more detailed user
information and to
download a PDF copy
of these instructions
follow the link above or
scan the QR code with
your smart phone



Downloaded from lyon.co.uk

UI_GENSCA6_13233

WARNING

Make sure that you have read and understood these instructions before using this equipment. These user instructions are to be read and kept along with any other user information provided.

Activities at height are hazardous and may lead to injury or death. It is the user's responsibility, at all times, to ensure that they understand the correct use of any equipment supplied by or through Lyon Equipment, use it only for the purposes for which it is designed, and practice proper safety procedures including having a rescue plan in case of emergency.

This product must not be used outside its limitations, or for any purpose other than those described in the user instructions. Misuses forbidden in these instructions are examples only; many other misuses may exist which could lead to injury or death.

Please note, the information in these user instructions is not exhaustive, and is not a substitute for comprehensive instruction and training by a competent person.

Lyon Equipment is not responsible for any consequences, whether direct, indirect or accidental, resulting from the use of its products. If you are unsure about the correct use of this product, please contact us.

Who can use this equipment

This equipment should only be used by trained, competent and responsible persons, or the user should be under the direct supervision of a trained, competent and responsible person.

Activities at height should not be undertaken by persons affected by alcohol or drug dependence, diabetes, epilepsy, fits, blackouts, fear of heights, vertigo / dizziness / difficulty with balance, heart disease / chest pain, high or low blood pressure, impaired limb function, obesity, psychiatric illness, musculoskeletal issues, e.g. a bad back.

General instructions for use

Equipment must be checked before each use, to ensure it is serviceable and operates correctly. Checks should also be carried out during use. In addition, a thorough inspection by a competent inspector should be carried out in strict accordance with these user instructions, and a record kept of these inspections.

This product may be used with any compatible item of Personal Protective Equipment (PPE) which conforms to the European Union Directive 89/686/EEC, keeping in mind the limitations of each item in the safety chain. It should be noted that a full body harness is the only type of harness which may be used in a fall arrest system.

The anchor device or anchor point is of primary importance and should be unquestionably reliable. It should be strong enough to withstand the

foreseeable maximum load that could be applied e.g. in the event of a fall.

When selecting an anchor, the anticipated directions of loading and potential loads should be taken into account.

Anchors should be selected and positioned to allow work to be carried out in such a way as to minimise the potential for a fall and potential fall distance, for example by keeping the anchor point / device above the user.

Anchors should not have sharp or rough edges which could damage equipment (use edge protection if necessary).

On each occasion of use, verify the free space required beneath the user in order to avoid an impact. Always try to place protection so that any fall will be stopped before the user hits the ground or any other obstruction. Remember to allow for rope stretch and slippage in the belay device or rope ascender / descender. In a fall arrest situation, the user must be protected from dynamic forces of greater than 6 kN in the event of a fall, e.g. by use of a fall arrest system incorporating an EN 355 energy absorber.

Maintaining your equipment

Wash in clean water not exceeding 30°C with pure soap and rinse in clean cold water. Do not use chemical products, solvents or detergents – these should be regarded as harmful.

Due to the difficulties in effectively disinfecting equipment, we recommend

that any contaminated equipment should be withdrawn from use and disposed of in a suitable manner.

Equipment must be clean and dry before storing. Always allow to dry naturally, away from direct heat. Equipment should be stored in a cool, dry, well-ventilated area, away from excessive heat, high humidity, sharp edges, corrosives, sunlight or other sources of ultraviolet light (UV) and other possible causes of damage.

During transport, this product should be protected from abrasion, mechanical damage, chemical contamination, UV and heat.

Textiles

Always keep textile items at temperatures between -30°C and +50°C.

Metal items

Always keep metal items at temperatures between -20°C and +60°C.

No alterations, additions or repairs may be made to this product without the manufacturer's prior written consent; if done, the repair must be carried out by a competent person for repair authorised by Lyon Equipment to make the repair, and in accordance with specified procedures.

These instructions must be strictly adhered to.

Inspection

A thorough inspection should be carried out at least every 6 months by a competent inspector in accordance with these user instructions. A record of these checks should be kept with the product along with these user instructions. In addition, interim inspections should be carried out where products are used intensively, or in particularly harsh environments where damage is more likely to occur, or where legislation or the type of equipment make it necessary.

Pre-use and thorough inspections are essential because the user's level of protection depends on the continuing correct performance of this product.

PPE (Personal Protective Equipment) inspection training is available from Lyon Equipment.

Lifetime, and when to withdraw your equipment from use

Withdraw your equipment from use if any one of the following applies:

- It shows sign of wear and tear / damage that may affect performance
- Markings on the product are no longer legible
- You suspect it may have been exposed to chemical contamination or extreme temperatures
- It fails a periodic examination
- It has been used to arrest a fall or has been excessively loaded

- It is more than 10 years after the date of manufacture (textile items or items with textile components). Metal items have a potentially indefinite lifespan if stored correctly.
- If you have any reason to doubt that it is safe to use.

It is the responsibility of the competent inspector to decide whether the equipment should be put back into use, or permanently withdrawn from use. Equipment permanently withdrawn from use must be destroyed, and should be recycled where facilities exist.

Certain environmental elements will considerably accelerate wear: salt, sand, dust, snow, ice, moisture, chemicals, sunlight (UV radiation) – list not exhaustive.

Warning: the safe working life of this product may be as short as its first use in extreme circumstances.

If in doubt, do not hesitate to scrap this product.

Guarantee

In the event of any defect in materials or workmanship please return the product to the dealer, distributor or manufacturer within 3 years of purchase for inspection. We will replace or repair as required. This guarantee does not cover normal wear and tear or accidental damage.

Note to resellers

If the product is re-sold outside the UK and Ireland, but within the EU, the reseller is responsible for providing instructions for use, maintenance, periodic examination and for repair in the language of the country in which the product is to be used.

If you require the Intrastat commodity code / customs tariff code or NATO stock number (where applicable) for this product, please contact us via lyon.co.uk

Inspection records

A record must be kept for each component, subsystem and system, including name and contact details of the manufacturer or supplier, product description, serial number, year of manufacture, date of purchase, date of first use, any other relevant information, and history of periodic examinations and repairs, the name and signature of the competent inspector and the next due date for inspection. An example of a suitable equipment record is shown on this user instruction and can also be downloaded at lyon.co.uk

Local jurisdiction may dictate that extra information be recorded in the inspection record – check your country's legal requirements. Some products may have features which need special monitoring during periodic inspections, e.g. wear indicators, in which case this information should also be recorded on the inspection record.

This page deliberately left blank

Explanation of symbols

	Refer to user instructions
	Permitted use
	Caution
	Danger of death
	Telephone number
	Anchor point
	Rope diameter
	Cable
	SWL (Safe Working Load)

