

LOCKD CLIPS

Tweezle O

Instructions Manual

CE 0408

UIAA 130:2021 PPE-R/11.114

EU 2016/425

Ident Ring for LockD Clips Communicating Safety System

Subject to Technical Changes

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1. Brief Description

1.1. Intended Use

The Tweezle O is an anchor O-ring with an integrated ident mark to lock the securing system LockD Clips. It is intended to be used as a safe anchor point in fall-prone situations in ropes courses and other climbing venues, such as with self-retracting lifelines, rolling elements, Tarzan swings, etc.

To minimize loading on the LockD Clips during a fall, a shortcut connection between the anchor point and user's PPE can be used.



All other uses are considered improper. The manufacturer will not be liable for any use other than stated. The user bears the sole responsibility.

1.2. Function

The ident mark serves to lock the securing system LockD Clips.

1.3. Use

Anchor point O-ring for the LockD Clips fall protection equipment and other climbing securing system.



Risk of serious injury or death - Examine and test before each use.

2. Assembly of the Tweezle O

2.1. Before Installation

Anchoring equipment may only be installed by qualified persons.

Brief user instructions in the shape of a pictogram should be plainly visible where the Tweezle O is to be used. Ensure that the safety lines, safety devices, and take-off platforms have sufficient load capacity for their intended use.

Ensure that both children and adults can reach the Tweezle O easily. Install a footstep to facilitate reach if necessary. Excessive bending or reaching of the LockD Clips to reach the Tweezle O should be avoided.

Avoid confusing or frustrating users so they are not tempted to trick or manipulate the system, such as leading users to complicated labyrinths, dead ends, etc.

2.2. Visual and Functional Inspection

Ensure that the Tweezle O is undamaged before mounting.

Test the function of the Tweezle O on the LockD Clips securing system.

2.3. Proper Mounting Methods (examples)

The Tweezle O must only be mounted to a designated load approved/tested anchor point. It must be securely mounted so that it cannot be removed without the use of a tool.

The Tweezle O may move, as long as it provides safety and fall protection in all positions.

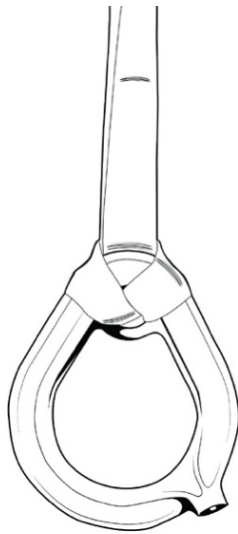


Figure 1: Tweezle O mounted with girth hitch on lanyard

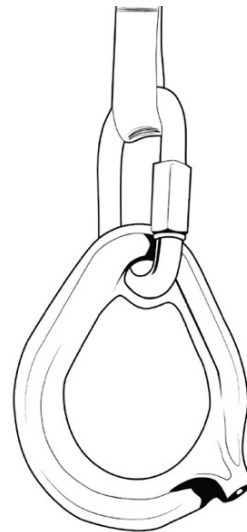


Figure 2: Tweezle O mounted with rated maillon

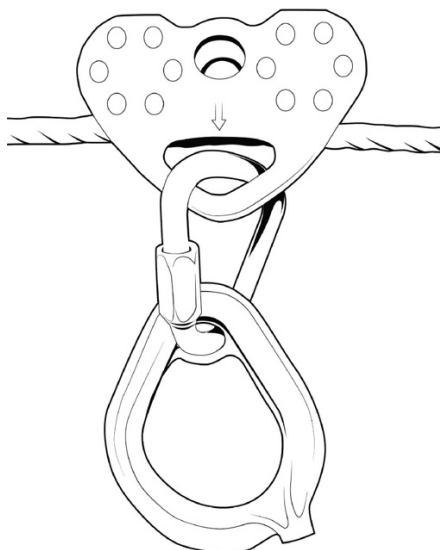


Figure 3: Tweezle O securely mounted on a trolley

2.4. Improper Mounting Methods (examples)

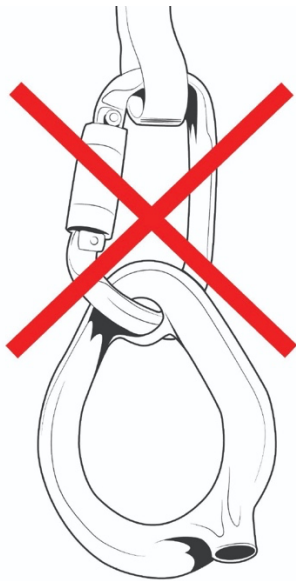


Figure 4: DANGER: Tweezle O improperly mounted on carabiner

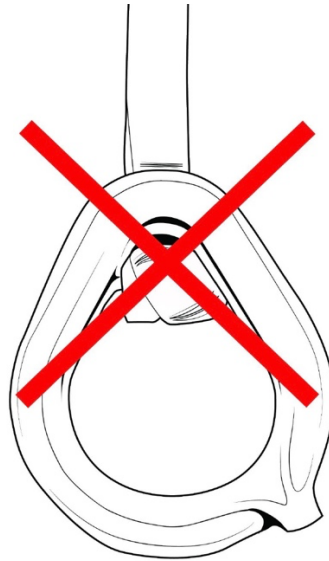


Figure 5: DANGER: Tweezle O not properly connected

3. Use of the Tweezle O

3.1. Use without shortcut

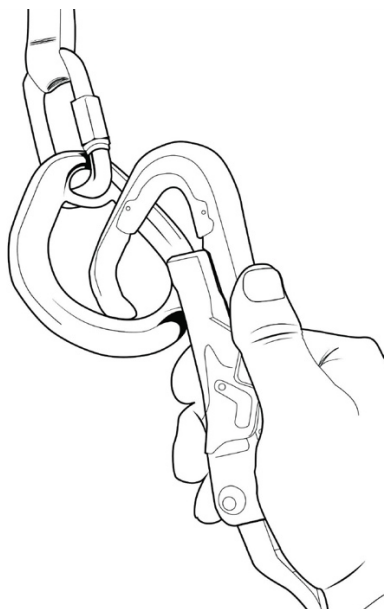


Figure 6: Clip the unlocked carabiner of the LockD Clips system onto the Tweezle O

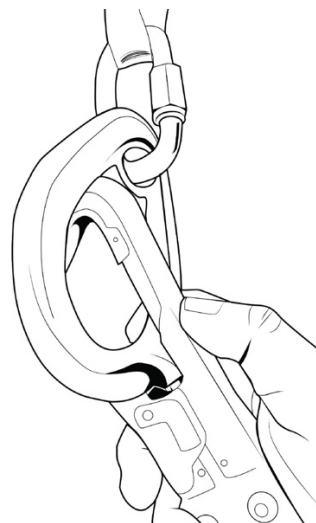


Figure 7: TweeZle the unlocked carabiner to lock it on the Tweezle O

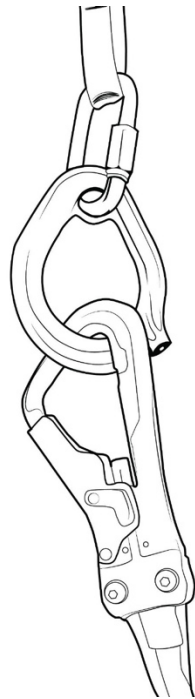


Figure 8: Locked carabiner on Tweezle O

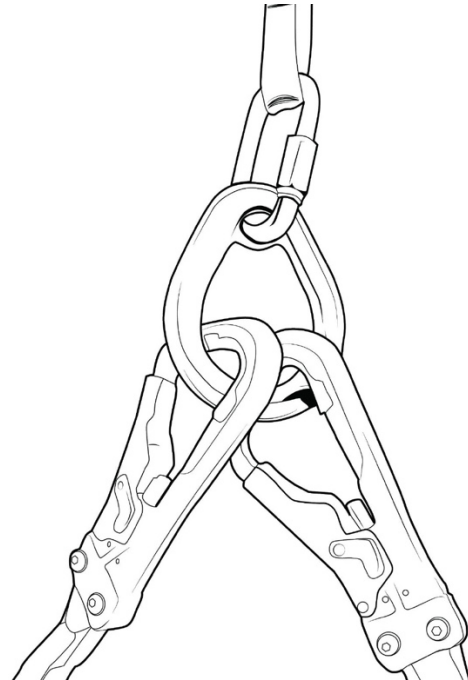


Figure 9: Optionally clip the other carabiner of the LockD Clips on the Tweezle O

3.2. Use with shortcut

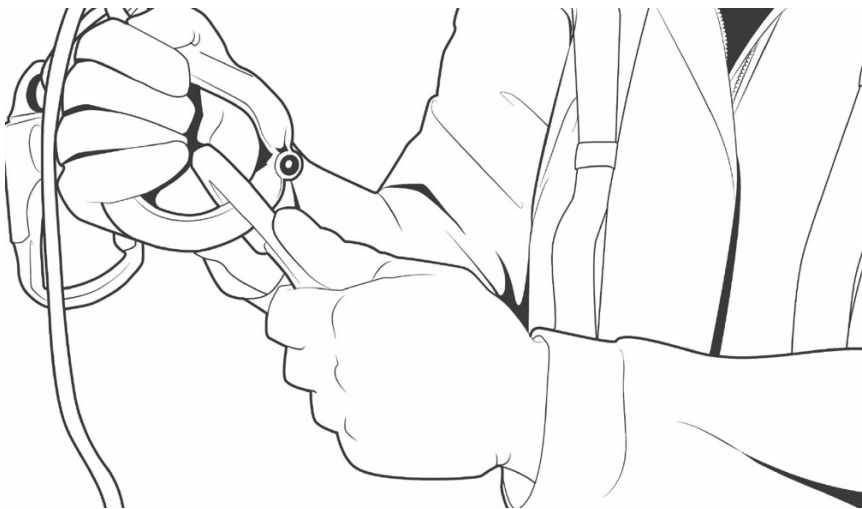


Figure 10: Clip the unlocked carabiner of the LockD Clips system onto the Tweezle O

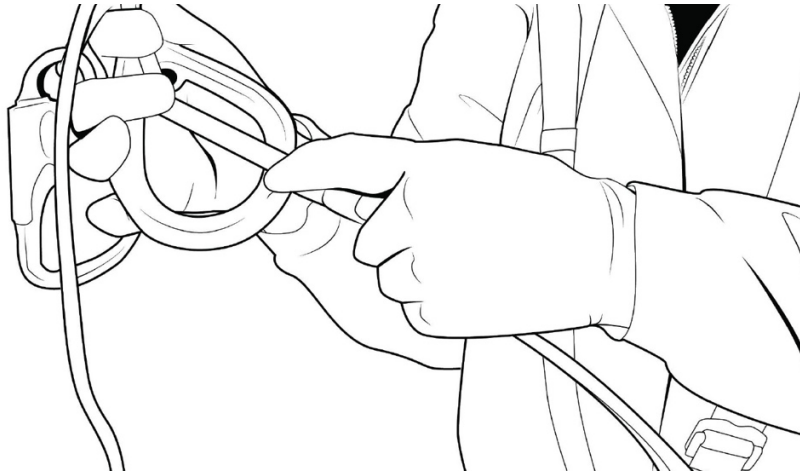


Figure 11: Tweezle the unlocked carabiner to lock it on the Tweezle O

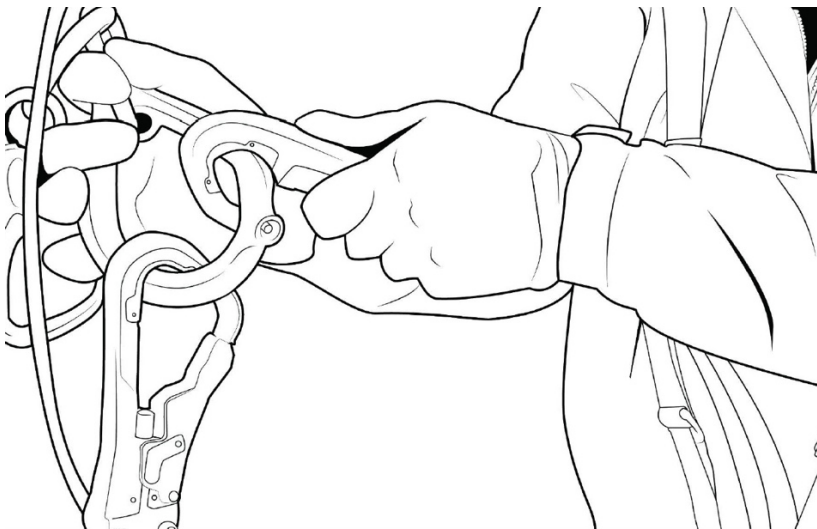


Figure 12: Optionally clip the other carabiner of the LockD Clips on the Tweezle O

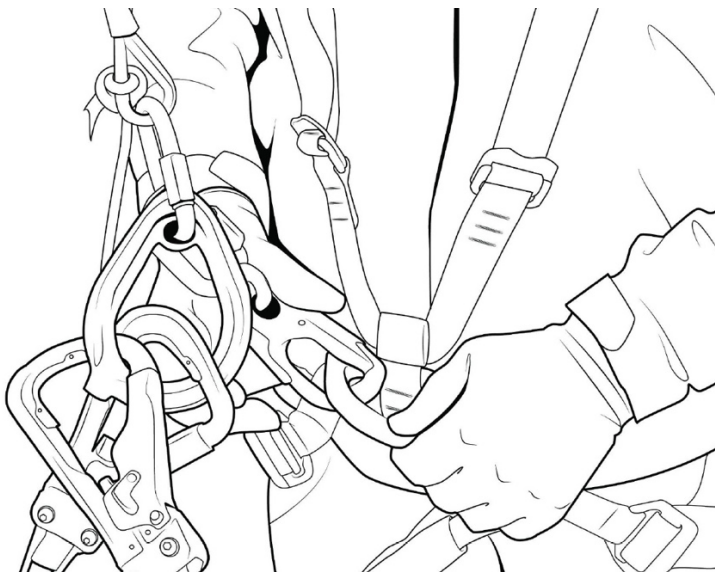


Figure 13: Connect shortcut to PPE attachment point

4. Cleaning and Storage

4.1. Cleaning

Remove dust and debris with a dry cloth. If moisture is required for more thorough cleaning, the metal parts can be cleaned with a damp cloth, and if needed with mild dishwashing detergent, or dry-steamed with a commercial dry-steaming machine. Avoid using running water or spray detergents.

Prevent immersing in water or water entering and/or accumulating in the indent locking point of the Tweezle O, or any part of the communication system. Always clean away from the opening of the indent locking point.

4.2. Storage

Cleaning and lubricating should be done before any long-term storage. Store in a cool and dry environment, away from light and heat sources. Care should be taken to protect Tweezle O from coming into contact with any acidic or dangerous chemicals.

5. Other Safety Principles



Risk of serious injury or death if the safety instructions are not followed as prescribed.

- Always examine before use.
- Stop use of Tweezle O if any cracks or defects are detected or observed.
- All safety devices may only be installed and used by qualified and trained individuals, who are aware of the dangers associated with their use.
- Accessories from other manufacturers may only be used with the approval of the manufacturer and must not affect the functionality and safety of any other safety system.
- Appropriate clothes and shoes must be worn, keeping safety in mind in all situations in mind.
- PPE should be used according to manufacturer's instructions and directions, keeping clothing layers.
- Safety equipment should only be used by a competent individual.
- Fall arrest devices/systems require specific installation and use procedures and height clearances. Prior to use, make sure all procedures and instructions are adhered to.
- Determine possible fall clearances per jurisdictional regulations and equipment manufacturer operations manual.
- Protect life safety lines, PPE, and all accessories from fire and heat, from sharp edges and objects, sparks of any kind, and chemical compounds.
- Follow all insurance requirements and local employees ordinances and safety procedures.
- Trees as structural support structures are "living bodies" and will require care and maintenance. If left unchecked, their growth can cause changes and distortions on the life safety lines. Check their integrity after storms, floods, and hurricanes.

- An emergency action plan (rescue and evacuation plan) must be in place and practiced by the operation. Specific rescue plans and first aid should be in place in case of emergencies. The manufacturer can provide guidance to creating emergency action plans and provide staff training.

6. Supplemental Information

6.1. Conforming Standards

Conforms with:	UIAA 130:2021 PPE-R/11.114
Product certification according to:	EU 2016/425
Testing and production approvals by:	TÜV Austria Services GmbH CE0408 Deutschstraße 10 Austria 1230 Wien
Type examination certificate number:	2447 2205-PSA22-069-Z

6.2. Declaration of conformity

The manufacturer hereby declares that the new PPE described is in compliance with the provisions of Directive 89/686/EEC, is identical to the PPE that was the subject of the EC Type Examination Certificate issued by the procedure set out in Article 11 Letter A / Letter B of the Directive 89/686/EEC and is subject to the control of the notified body.

6.3. Sales and Translations

Distributors and dealers must ensure that the instructions for use are supplied in the language of the respective country of destination if German or English are not sufficient. The translation must be authorized/approved by the manufacturer.

6.4. Regular Checks

- Carry out visual and functional tests before each use. Remove from service immediately if excessively worn (10% wear or more) or cracks or nicks are detected.
- Check PPE, anchors, cable/rope terminations, and all mechanical devices regularly, and additionally by a qualified inspector at least once a year, documenting the results on the test card.
- Wear is to be expected and will depend on amount and frequencies of use. Inspections must be performed accordingly and the Tweezle O removed from use if excessively worn.

6.5. Life of Product

- Maximum service life for metal products will vary according to use, location, and other external factors but must not exceed 10 years.
- Service life is reduced if the materials have been exposed to damaging heat, temperatures, undue stress including excessive falls, damage due to impact, abrasion, cuts, and chemical agents. Each of the influencing factors above can differently affect

life span depending on the intensity, duration of influence and their combination. The influences can occur during use as well as during transport or storage. The decision to remove an item from service will have to be made by a qualified person trained in the corresponding technical field. Intensive use and/or extreme operating conditions such as use on sharp edges, chemical influences, etc. lead to a reduced service life. The operator must ensure compliance.

- Document the first use of any product to facilitate compliance with its operating requirements and maintenance.
- Using the test card included in this manual may aid documentation requirements of course inspectors.

7. Annual Inspections by Qualified Individuals

7.1. Inspection Criteria

The periodic inspection of life safety devices must be performed by a qualified inspector per jurisdictional standards of the region of use.

7.2. Inspection Procedures

- Familiarize yourself fully with the instructions manual before performing any inspections.
- When re-inspecting, reference previous inspections.
- The inspection report template should not be considered as encompassing all the criteria of an inspection. Additional criteria should be noted elsewhere if needed.
- Each template may be used for inputting information for up to 4 Tweezle O units.

The following 1-4 rating system is recommended for imputing inspection results:

Legend / Inspection Information

1 No detectable wear Great	2 Minimal wear Good	3 More than minimal wear but under 1mm worn Adequate	4 Excessive: 1mm or more worn <u>Needs Replacement</u>
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In case of a 3 or 4 rating, provide further information on the back of the form.

A "4" rating requires the Tweezle O unit to be immediately taken out of service, separated, and marked for replacement.



Tweezle O cannot be repaired and must be replaced if excessively worn or damaged. If in doubt, remove from use and contact the manufacturer or a manufacturer's representative.

Inspection reports must be kept within reach of the operator and inspector, preferably in a folder with the instructions manual.

8. Inspection Report Template

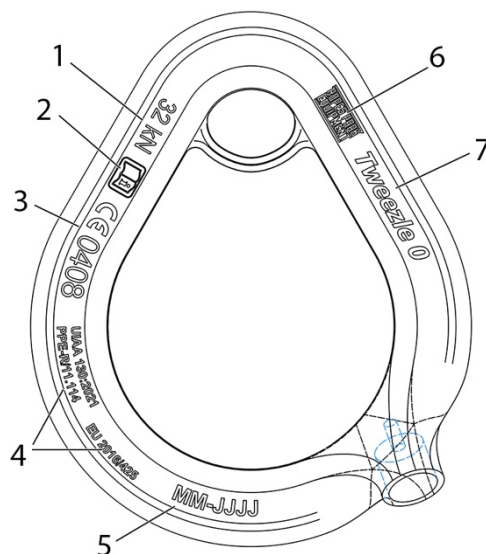
See next page.

Inspection Report Template

Please refer to the instructions for use.

Name of inspector		Inspection Date:		
Operating manual available?	Discard by date (10 years from date of purchase)		Sheet #	
Batch Number (4 digits)				
Location on course (identification of element)				
Mounting method (reference to methods in operating manual)				
Abrasion (maximum up to 1mm)				
Other damage Note: Immediately remove Tweezle O from service if any cracks or nicks are found				
Corrosion				
Function				
Comment				
Photos for verification (number/number)				
Passed for continued use				
Inspector's Signature				

9. Product Markings and Labels



- 1 Breaking load
- 2 Reference to user manual
- 3 CE TÜV Austria
- 4 relevant standards
- 5 Month of production
- 6 Producer
- 7 Product name

10. Your partner and direct contact for any questions



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Your partner and direct contact for all questions: