

Ritz

FALL PROTECTION

USER INSTRUCTION MANUAL

Rope Termination Anchor



This instruction manual
applies to the following model:

RTZW1000



ANSI Z359.1-2007
ANSI A10.32-2012
VG11 Sheet 114

BKLRT 07-03

Ritz
FALL PROTECTION

EU-ARC04-191218-V1

Do not skip this instruction manual. Read the instruction manual carefully before using the equipment. Failure to do so, may cause serious injury or death.

Manufacturer	:	Ritz Fall Protection 1-800-451-3077 and RitzSafety.com
Certification Body	:	SATRA Technology Europe Ltd, Bracetown Business Park, Clonee, Dublin D15 YN2P Ireland (Notified Body 2777)
Ongoing Assessment Body	:	SGS United Kingdom Ltd., Unit 202B, Worle Parkway, Weston-super-Mare, BS22 6WA, UNITED KINGDOM. (Notified Body 0120)

Note: The user is advised to keep the user instructions document for the life of the product.

1. **INTRODUCTION:** Thank you for purchasing this Ritz Safety Rope Termination Anchor. This manual must be read and understood in its entirety, and used as part of an employee training program as required by OSHA or any applicable state agency.

This and any other included instructions must be made available to the user of the equipment. The user must understand how to safely and effectively use the Rope Termination Anchor and all fall safety equipment used in combination with the Rope Termination Anchor.
2. **APPLICABLE SAFETY STANDARDS:** When used according to instruction specifications, this product meets or exceeds all applicable OSHA 1926 Subpart M, OSHA 1910, ANSI Z359.1-2007, ANSI A10.32-2012 and VG11 Sheet 114 standards for fall protection. Applicable standards and regulations depend on the type of work being done, and also might include state-specific regulations. Consult regulatory agencies for more information on personal fall arrest systems and associated components.
3. **WORKER CLASSIFICATIONS:**
 - **Qualified Person:** A person with an accredited degree or certification and with extensive experience or sufficient professional standing, who is considered proficient in planning and reviewing the conformity of fall protection and rescue systems.
 - **Competent Person:** A highly trained and experienced person who is ASSIGNED BY THE EMPLOYER to be responsible for all elements of a fall safety program, including, but not limited to, its regulation, management, and application. A person who is proficient in identifying existing and predictable fall hazards, and who has the authority to stop work in order to eliminate hazards.
 - **Authorized Person:** A person who is assigned by their employer to work around or be subjected to potential or existing fall hazards. It is the responsibility of a Qualified or Competent Person to supervise the job site and ensure all applicable safety regulations are complied with components and specifications.
4. **IMPORTANT BEFORE INSTALLATION AND USE** Prior to use, plan your system:
 - Ensure all Personal Fall Arrest System (PFAS) equipment is selected and deemed compatible by a Competent Person.
 - Eliminate or minimize all risk of swing fall.
 - Determine desired location for Rope Termination Anchor; ensure location is free of debris, rot, decay, cracking, and hazardous materials.
 - Installation, set-up, and use of Rope Termination Anchor system must be done under the supervision of a Qualified Person.
5. **INSTALLATION OF Rope Termination Anchor:** Rope Termination Anchor may be connected to a compatible vertical lifeline (VLL) or rope lanyard in following manner.
 - Compatible rope may be threaded through 1st hole to 5th hole. The 6th hole then functions as an anchorage connector.

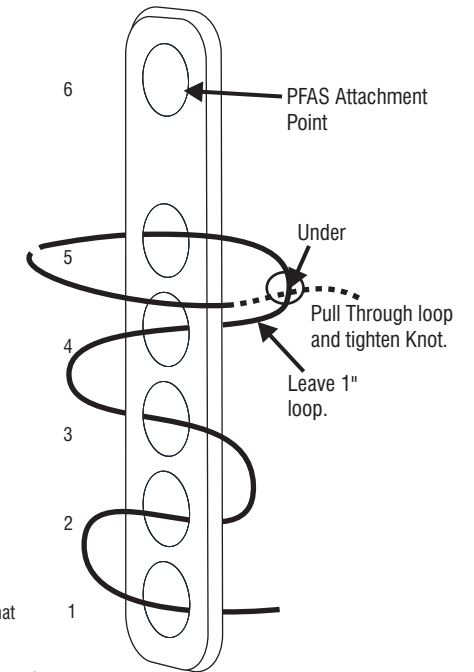
LIFESPAN: The estimated product lifespan is 10 years from the date of manufacturing. The following factors can reduce the lifespan of the product: intense use, contact with chemical substances, especially aggressive environment, extreme temperature exposure, UV exposure, abrasion, cuts, violent impacts, bad use or maintenance.

DISCLAIMERS: This information on the product is based upon technical data that Ritz Safety obtained under laboratory conditions and believes to be reliable. Ritz Safety does not guarantee results and takes no liability or obligation in connection with this information. As conditions of end use are beyond our control, it is the user's responsibility to determine the hazard levels and the use of proper personal protective equipment. Persons having technical expertise should undertake evaluation under their own specific end-use conditions, at their own discretion and risk. Please ensure that this information is only used to check that the product selected is suitable for the intended use. Any product that is damaged, torn, worn or punctured should be discontinued from usage immediately.

EQUIPMENT RECORD				
Product				
Model & type/Identification		Trade Name	Identification number	
Manufacturer		Address	Tel, fax, email into use	
Year of manufacture		Purchase Date	Date first put into use	
Other relevant information (e.g. document number)				
PERIODIC EXAMINATION AND REPAIR HISTORY				
Date	Reason for entry (periodic examination or repair)	Defects noted, repairs carried out and other relevant information	Name and signature of competent person	Periodic examination next due date

• Rope Threading:

- Pass the attachment end of the rope through hole 1, and pull the rope through the hole.
- Insert the attachment end rope through hole 2 and pull through without making any slack.
- Continue by pulling attachment rope end through hole 3 and pull through so that there is no slack.
- Thread the rope end through hole 4 and pull through so there is no slack.
- Thread rope end through hole 5 and pull through. Leave a 1" diameter loop of slack.
- Now position the rope end around to back of Rope Termination Anchor and insert through 1 inch diameter loop.
- Firmly pull the rope end until loop tightens to form a knot. Ensure there is no rope slack over entire length of Rope Termination Anchor.



Rope Threading: 1

6. ADVISE & INFORMATION:

- It is essential that the user be medically fit to use this device in both normal and emergency situations.
- A rescue plan shall be in place to deal with any emergencies that could arise during work.
- It is prohibited to make any alterations or additions to the equipment without the manufacturer's prior written consent, and any repair shall only be carried out in accordance with manufacturers procedures.
- Equipment shall not be used outside its limitation, or for any purpose other than that for which it is intended.
- Rope Termination Anchors are personal property of the user.
- It is essential for safety that equipment is withdrawn from use immediately if ever subjected to a fall arrest. Do not use again until confirmed in writing by a competent person that it is acceptable to do so.
- Ensure that the strength of the anchorage member used is greater than 5,000lbs.(22.2 kN).

7. MATERIAL : Aluminium

8. MAINTENANCE, CLEANING, AND STORAGE :

- If the Rope Termination Anchor fails inspection in any way, remove it from service immediately and get a new one.
- Cleaning after use is important for maintaining the safety and longevity of Rope Termination Anchor.
- Remove all dirt, corrosives, and contaminants from Rope Termination Anchor Rope Anchor before and after each use.
- If Rope Termination Anchor cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean Rope Termination Anchor with corrosive substances.
- When not in use, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other degrading elements.

9. INSPECTION:

- **KEEP INSTRUCTIONS AVAILABLE FOR REFERENCE.** Record Date of First Use. Prior to EACH use, inspect Rope Termination Anchor for deficiencies, including, but not limited to, corrosion, deformation, pits, burrs, rough surfaces, sharp edges, cracking, rust, paint buildup, excessive heating, alteration, broken stitching, fraying, bird-caging, and missing or illegible labels. IMMEDIATELY remove Rope Termination Anchor Rope Anchor from service if defects or damage are found, or if exposed to forces of a fall arrest.
- Ensure that applicable work area is free of all damage, including, but not limited to, debris, rot, rust, decay, cracking, and hazardous materials. Ensure that selected work area will support the application-specific minimum loads set forth in this instruction manual. Work area MUST be stable.
- At least at an interval of every 6 months, a Competent Person other than the user must inspect Rope Termination Anchor. Competent inspections MUST be recorded in inspection log found on page 5 of this instruction manual and on equipment inspection grid label. The Competent Person must sign their initials in the box corresponding to the month and year the inspection took place.
- During inspection, consider all applications and hazards to which the Rope Termination Anchor has been subjected.

WARNING: Use of equipment in unintended applications may result in serious injury or death. Maximum 1 attachment per connection point.

- **Restraint:** Rope Termination Anchor may be used in restraint applications. Restraint systems prevent workers from reaching the leading edge of a fall hazard. Always account for fully deployed length of lanyard/SRL. Structure must withstand loads applied in the directions permitted by the system of at least 1,000 lbs. No free fall is permitted. Restraint systems may only be used on surfaces with slopes up to 4/12 (vertical/ horizontal). Applicable D-rings: Dorsal, Chest, Side, Shoulder.

- **NEVER for simultaneous use in fall arrest and restraint.**

10. LIMITATIONS:

- **Fall Clearance:** There must be sufficient clearance below the anchorage connector to arrest a fall to eliminate the possibility of the user from striking the ground or an obstruction. When calculating fall clearance, account for a MINIMUM 3 ft safety factor, deceleration distance, user height, length of lanyard/SRL, and all other applicable factors.
- **Swing Falls:** Prior to installation or use, make considerations for eliminating or minimizing all swing fall hazards. Swing falls occur when the anchor is not directly above the location where a fall occurs. Always work as close to in line with the anchor point as possible. Swing falls significantly increase the likelihood of serious injury or death in the event of a fall.
- **Compatibility:** When making connections with Rope Termination Anchor, eliminate all possibility of roll-out. Roll-out occurs when interference between a hook and the attachment point causes the hook gate to unintentionally open and release. All connections must be selected and deemed compatible with Rope Termination Anchor Rope Anchors by a Competent Person. All connector gates must be self-closing and self-locking, and withstand minimum loads of 3,600 lbs. (16 kN).

11. **EQUIPMENT RECORD:** If equipment fails inspection, IMMEDIATELY REMOVE FROM SERVICE. User must inspect prior to EACH use. Competent Person other than user must complete formal inspection at least every 6 months.

12. **PERSON INSPECTIONS:** This inspection log must be specific to one Rope Termination Anchor. Separate inspection logs must be used for each Rope Termination Anchor Rope Anchor. All inspection records must be made visible and available to all users at all times.

The Rope Anchor is marked with :

- Identification of the manufacturer.
- Part number.
- Batch No / Year of Manufacture.
- Read the manufacturer's instruction before use.
- Minimum Breaking Strength.
- Direction of insertion of rope in to the rope anchor.
- The ANSI mark showing that the product meets the requirements of the ANSI Z359.1-2007, ANSI A10.32-2012 and VG11 Sheet 114.

