
CROSS ARM ANCHOR STRAP
INSTRUCTION MANUAL



THESE INSTRUCTIONS APPLY TO ANCHOR STRAPS

RTZ1003000, RTZ1003004, RTZ1003008, RTZ1002012, RTZ8185C,
RTZ8184L, RTZ6166L, RTZ6108L, RTZ1010L, RTZ1212L

General Safety Information

Under Penalty of Law

- This *User Instruction Manual* is not to be removed except by the user of this equipment.
- User Instruction Manuals must always be available to the user.
- Read and understand these instructions before using equipment.
- Do not throw away these instructions.
- This manual must be read and understood in its entirety and used as part of fall protection training program as required by OSHA or any state regularity agency. These instructions are intended to meet the manufacturer instructions as required by ANSI Z 359.18 and OSHA. The user must fully understand the proper equipment use and limitations.

IMPORTANT: The user must read and understand information within this instruction manual before using the equipment. Failure to do so may result in serious injury or death.

Purpose

RITZ SAFETY Cross Arm Anchor Straps are designed as Type T to be used as part of a personal fall arrest system to help limit the forces associated with fall arrest.

Instructions for Use

- Failure to follow all instructions and limitations on the use of this equipment may result in serious personal injury or death.
- Before using a personal fall arrest system, employees shall be trained in accordance with the requirements of OSHA 29 CFR 1910.66 in the safe use of the system and its components.
- Prior to each use, inspect all personal fall arrest system equipment for wear, damage, and other deterioration. Defective components must be removed from service immediately in accordance with the requirements of OSHA 29 CFR 1910.66 and 1926.502.
- Thoroughly evaluate and plan all elements of your fall protection system(s) before using your equipment. Make sure that your system is appropriate for your needs and facility. Also be sure to calculate fall clearance and swing fall clearance.
- Users must have a rescue plan and the means to implement it. This plan must provide prompt employee rescue or assure that employees have the ability to rescue themselves in the event of a fall.
- Store this equipment in a cool, dry, and clean environment that is out of direct sunlight when not in use.
- After a fall occurs, this equipment must be removed from service and destroyed immediately.
- Can only be used for I-beam anchorage with max 14.0" & Min. 3.5".

- Ensure the anchorage connector has been tested in compliance with the requirements of ANSI/ASSE Z359.18. Note that ANSI compliance and testing covers only the hardware and does not extend to the anchorage and substrate to which the anchorage connector is attached.

Limitations for Use

- Cross Arm Anchor Straps must only be used on structures capable of supporting static loads applied in all directions permitted by the fall arrest system of at least 3,600 pounds (16.0 KN) with certification from a qualified person, or 5,000 pounds (22.2 KN) without certification. If unable to determine whether the anchorage meets the manufacturer’s specification ask a competent person to inspect it.
- This equipment is designed to be used in temperatures ranging from -40°F to +130°F (-40°C to +54°C).
- Do not expose this equipment to potentially damaging chemicals or harsh solutions. Contact RITZ SAFETY with any questions.
- Use caution when working near moving machinery, electrical hazards, sharp edges, or abrasive surfaces, as contact may cause equipment failure, personal injury, or death.
- Minors, pregnant women, and anyone with a history of back and/or neck problems should not use this equipment.
- Only one fall protection system or positioning system may be attached to an individual connection point.

WARNING!!! Remove any surface contaminations such as concrete, stucco, roofing material, etc., that could accelerate cutting or abrading of attached components.

- Do not use or install equipment without proper training from a competent person, as defined by OSHA 29 CFR 1926.32(f).
- Only RITZ SAFETY, or entities authorized in writing by RITZ SAFETY, shall make repairs or alterations to the equipment.

Part Number	AnchorStrap Material	Length	Wear Pad	Minimum Tensile Strength	Approx. Weight	Standard Regulation
RTZ1003000	Polyester & Steel	3 ft.	3 in.	5,000 lb.	1.12 lb.	ANSI Z359.18-17
RTZ1003004	Polyester & Steel	4 ft.	3 in.	5,000 lb	1.25 lb.	ANSI Z359.18-17
RTZ1003008	Polyester & Steel	8 ft.	3 in.	5,000 lb	1.87 lb.	ANSI Z359.18-17
RTZ1002012	Polyester & Steel	12 ft.	3 in.	5,000 lb.	2.3 lb.	ANSI Z359.18-17

RTZ8185C	Polyester & Steel	4 ft.	2.24 in	5,000 lb.	0.66 lb	ANSI Z359.18-17
RTZ8184L	Polyester	4 ft.	2.24 in	5,000 lb.	0.4 lb	ANSI Z359.18-17
RTZ6166L	Polyester	6 ft.	2.24 in	5,000 lb.	0.51 lb	ANSI Z359.18-17
RTZ6108L	Polyester	8 ft.	2.24 in	5,000 lb.	0.74 lb	ANSI Z359.18-17
RTZ1010L	Polyester	10 ft.	2.24 in	5,000 lb.	0.9 lb	ANSI Z359.18-17
RTZ1212L	Polyester	12 ft.	2.24 in	5,000 lb.	1.07 lb	ANSI Z359.18-17

Connection Compatibility Limitations

All RITZ SAFETY equipment must be coupled to compatible connectors. OSHA 29 CFR 1926.502 prohibits snap hooks from being engaged to certain objects unless two requirements are met:

1. It must be a locking type snap hook.
2. It must be “designed for” making such a connection.
 - a. “Designed for” means that the manufacturer of the snap hook specifically created the snap hook to be used to connect to the equipment in question

The following conditions can result in rollout* when a non-locking snap hook is used. Rollout is a process by which a snap hook or carabiner unintentionally disengages from another connector or object to which it is coupled. Avoid the following connections:

- Direct connection of a snap hook to horizontal lifeline.
- Two (or more) snap hooks connected to one D-ring.
- Two snap hooks connected to each other.
- A snap hook connected back on its integral lanyard.
- A snap hook connected to a webbing loop or webbing lanyard.
- Improper dimensions of the D-ring, rebar, or other connection point in relation to the snap hook dimensions that would allow the snap hook keeper to be depressed by a turning motion of the snap hook.

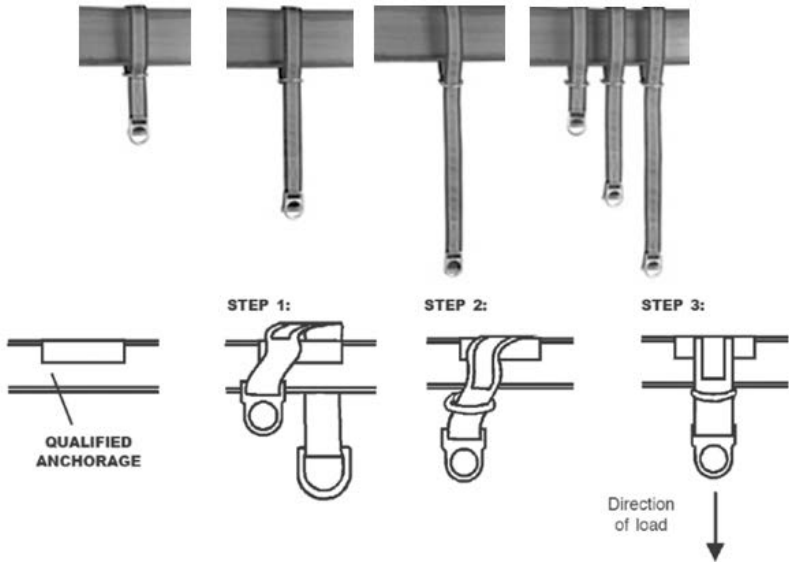


Performance

All RITZ SAFETY Cross Arm Anchor Straps meet the 5,000 lbs tensile strength when statically tested in accordance with the requirements of the ANSI Z359.18-2017 standard.

Installation

- Cross Arm Anchor Straps must be installed on structures capable of meeting the anchorage strength requirements of OSHA 29 CFR 1910.66 and 1926.502.
- Cross Arm Anchor Straps may be installed in basket, saddle, or choker configurations.



Training

- Employers are responsible for providing training to any employee who may be exposed to fall hazards. Training will enable an employee to recognize and reduce fall hazards.
- Training must be conducted by a Competent or Qualified Person.
- Trainer and trainees must not be exposed to fall hazards during the training course.

Inspection

The program administrator shall set inspection criteria for the equipment. Such criteria shall equal or exceed the most restrictive of the criteria established by this standard or the manufacturer's user instructions. Keep inspection criteria current in relationship to changing patterns or conditions of use.

Evidence of defects in or damage to hardware elements including cracks, sharp edges, deformation, corrosion, chemical attack, excessive heating, alteration, and excessive wear.

To Inspect Webbing: Bend a portion of the webbing 6-8 inches into an upside down 'U' shape and inspect entire length for tears, cuts, fraying, abrasion, discoloration, burns, holes, mold, pulled or broken stitches, or other signs of wear and damage. Sewn terminations should be secure, complete, and not visibly damaged.

If inspection reveals any defect, inadequate maintenance, or unsafe condition, remove from service immediately.

Any equipment that has been subjected to the forces of arresting a fall must be removed from service immediately. Additionally, clearly mark or tag the equipment not for use.

Note: Only manufacturer, or entities authorized in writing by the manufacturer, may make repairs to the product. Otherwise, equipment must not be altered in any way.

Frequency

All equipment must be inspected prior to each use according to the manufacturer's instructions. Annual inspections must also be performed by an OSHA defined Competent Person other than the user. All equipment should be inspected by a Qualified Person on a regular basis.

All equipment must be free of corrosion, chemical damage, alteration, excessive heating, or extreme wear.

All markings must be legible and attached to the equipment.

The Cross Body Anchor Strap should be inspected at least twice a year (every 6 months) by a competent person (other than the user) for any damage. Inspection results should be recorded in the table below. If inspection yields evidence of damage, the anchor strap should be replaced immediately

Cleaning and Maintenance

Cross Arm Anchor Straps can be wiped down with a solution of mild detergent and clean water. Rinse with a water-dampened, clean cloth to remove detergent.

Tag equipment in need of maintenance as not usable until maintenance is performed.

Store equipment in a manner as to preclude damage from environmental factors such as heat, light, excessive moisture, oil, chemicals and their vapors or other degrading elements.

Product Labels



**3 ft Cross Arm & Anchor Strap,
Type T**

MODEL #: RTZ1003000

COMPLIES WITH:

OSHA 1910, OSHA 1926 Subpart M,
ANSI Z359.18-2017 &
ANSI A10.32-2012 Regulations

MIN. BREAKING STRENGTH: 5000LBS

SERVICE TEMP: -40°F ~ +130°F

DATE OF MFG: 09/2023

MATERIAL: Polyester & Steel

BATCH #: 100000 SERIAL #: 00001

CAPACITY RANGE: 130-310 lbs

Including all tools or up to 420 lbs. If used in combination with equipment explicitly certified for such use. All PFAS equipment must be selected & deemed compatible with Concrete Anchor Strap by a competent person. Only make compatible connections. Refer to instructions for proper connection methods.

WARNING: MAXIMUM 1 connection per anchor. Avoid contact with hazards, including but not limited to, heat, chemicals, electricity, and sharp or abrasive edges & surfaces.

MADE IN CHINA | DO NOT REMOVE LABEL

WARNING!

**If equipment fails inspection
IMMEDIATELY REMOVE FROM SERVICE**

User must inspect prior to EACH use.
Competent person must complete formal inspection every 6 months and initial grid.

Date of First Use _____
(Please Complete)

Product lifetime is 5 years from Date of First Use, or, if not recorded, from Date of Manufacture, as long as equipment passes pre-use and competent person inspections.

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INSPECTION RECORD

SERIAL NUMBER:	
MODEL NUMBER:	
DATE PURCHASED:	DATE OF FIRST USE:

[illegible]