



USER INSTRUCTION MANUAL
IRSQ ROPE TERMINATION ANCHOR

THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODEL:
AFX203050

CE 0598
VG11 Sheet 114

Please read and understand the manufacturer's instructions for each component or part of the complete system. Manufacturer's instructions must be followed for proper use, care, and maintenance of this product. These instructions must be retained and be kept available for the worker's reference at all times. Alterations or misuse of this product, or failure to follow instructions, may result in serious injury or death.

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

1. **INTRODUCTION:** IRSQ Rope Termination Anchor is an ideal choice to terminate 16mm textile rope Lifelines. It is used to integrate an anchorage connector with a Vertical Lifeline System.

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 Rigging Plate.

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. **APPLICATIONS:** In constructions, manufacturing, spray painting, welding, mining, oil and gas, chemical, electric utility, telecommunications, general industry, automotive, scaffolding etc.

- **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. (4.5kN) 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.

4. **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.

5. **COMPONENTS AND SPECIFICATIONS :**

Material: Aluminium Alloy

6. **INSPECTION:**

- Prior to EACH use, inspect the 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 the Anchor from service if defects or damage are found, or if exposed to forces of fall arrest.
- Ensure that applicable work area clear of all obstacles, clear of all obstacles 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.
- At least every 6 months, a Competent Person other than the user must inspect the Anchor. Inspection done by a Competent Person MUST be recorded in inspection log in 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.

7. PRECAUTIONS:

- Ensure the Medical condition of the user does not affect his safety in normal and emergency use.
- The equipment shall only be used by a person trained and competent in its safe use.
- A rescue plan shall be in place to deal with any emergencies that could arise during the work.
- It is essential to verify free space required beneath the user at work place before each occasion of use so that in case of a fall there will be no collision with ground or other obstacle in the fall path.
- 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.

8. PRE-USE CHECK : Prior to use, plan your system-

- Ensure all personal fall arrest system 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.

9. INSTALLATION OF RIGGING PLATE: Rope Termination Anchor may be connected to a compatible vertical lifeline (VLL) or rope lanyard in two different manners.

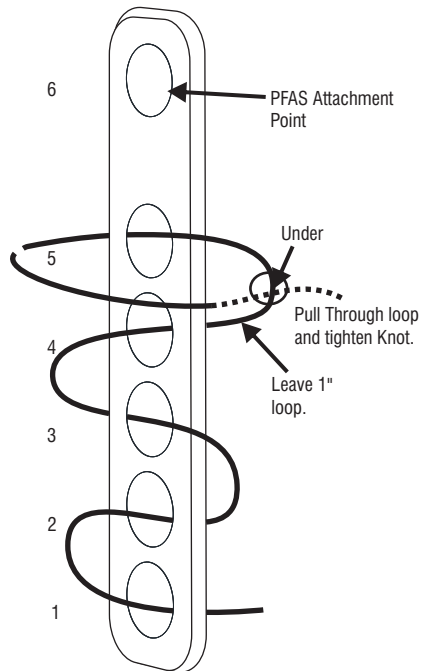
- Compatible rope may be threaded through 1st hole to 5th hole. The 6th hole then functions as an anchorage connector.

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 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" 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.

10. ANCHORAGE STRENGTH: Ensure that the strength of the anchorage member used is greater than 3000lbs. (12kN).**11. LIMITATIONS:**

- Rope Termination Anchor should be personal property of it's user.
- Equipment shall not be used outside its limitation, or for any purpose other than that for which it is intended.
- 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 manufacturer's procedures.



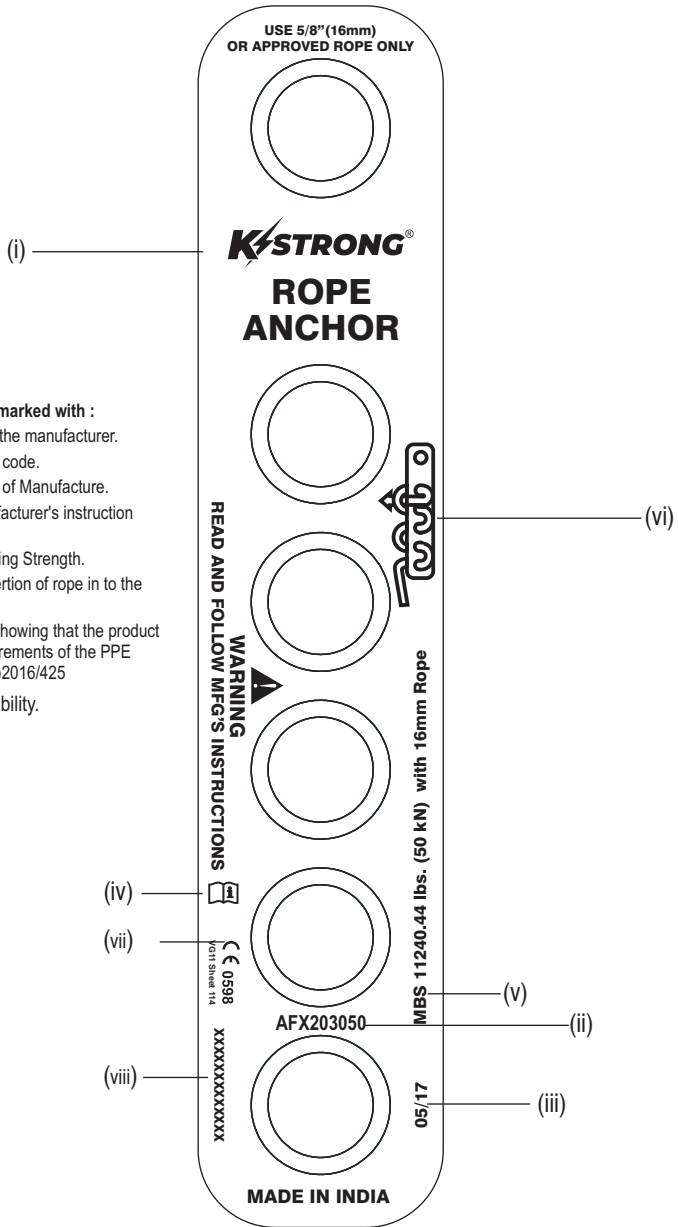
Following factors must be considered before using this product :-

- **Fall Clearance:** There must be sufficient clearance below the anchorage connector to arrest a fall before to eliminate the possibility of the user from striking the ground or an obstruction. When calculating fall clearance, account for a MINIMUM 3' 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 as possible to be in line with the anchor point.
 - 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 by a Competent Person. All connector gates must be self-closing and self-locking, and withstand minimum loads of 3,600 lbs.(16 kN). See the following for examples of compatible/incompatible connections.
 - To optimize protection, in some instance it may be necessary to use the anchor with suitable PPE such as: boots/gloves/helmet and ear protection. In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application.
12. **REPAIR:** If the product becomes damaged, it will NOT provide the optimum level of protection, and therefore should be immediately removed from service. It needs to be inspected to see if it is replaced or repaired. Never use the damaged product. Repair is only permitted by the manufacturer or a nominated repair centre or individual approved by the manufacturer.
13. **WITHDRAWAL FROM USE :** If the system has been used to arrest a fall, it should be removed from service and returned to the manufacturer or a competent repair centre for servicing and re test.
14. **MAINTENANCE, CLEANING, AND STORAGE :**
- If the Rope Termination Anchor fails inspection in any way, immediately remove it from service, and contact KStrong for all maintenance and repair needs at: www.kstrong.com.
 - 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 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.
15. **WARNING:**
- The equipment should only be used by a competent person or a person who has been trained in its use.
 - It is prohibited to make any alterations or additions to the equipment without the manufacturer prior written consent, and any repair shall only be carried out in accordance with manufacturer's procedures.
 - Use of equipment in unintended applications may result in serious injury or death. Maximum 1 attachment per connection point.
 - NEVER for simultaneous use in Fall Arrest and Restraint.

MARKING

The Rope Anchor is marked with :

- (i) Identification of the manufacturer.
- (ii) Type or product code.
- (iii) Batch No / Year of Manufacture.
- (iv) Read the manufacturer's instruction before use.
- (v) Minimum Breaking Strength.
- (vi) Direction of insertion of rope in to the rope anchor.
- (vii) The 'CE' mark showing that the product meets the requirements of the PPE Regulation (EU)2016/425
- (viii) UID for traceability.



LIFESPAN: The estimated product Lifespan is 10 years from the date of manufacture. The following factors can reduce the Lifespan of the product: intense use, contact with chemical substances, specially aggressive environments, extreme temperature exposure, UV exposure, abrasions, cuts, violent impacts, bad use or maintenance.

DISCLAIMER: Prior to use, the end user must read and understand the manufacturer's instructions supplied with this product at the time of shipment and seek training from their employer's trained personnel on the proper usage of the product. Manufacturer is not liable or responsible for any loss, damage or injury caused or incurred by any person on grounds of improper usage or installation of this product.

EQUIPMENT RECORD				
Product				
Model & type/Identification		Trade Name		Identification number
Manufacturer		Address		Tel, email into use
Year of manufacture		Purchase Date		Date first put into use
Other relevant information (eg. 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

Certification Body :

SATRA Technology Europe Ltd, Bracetown Business Park, Clonee, Dublin D15 YN2P Ireland (Notified Body 2777)

Ongoing Assessment Body:

SGS Fimko Oy, Takomotie 8, FI-00380 Helsinki, Finland (Notified Body 0598)

For EU Declaration, please visit <https://kstrong.com/asia/eu-declaration-form/>



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USA	South America	ASIA
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