K-STRONG®
UNRIVALED SAFETY.

ASIA PACIFIC



2026-2027



Disclaimer

The information provided in this catalog is based on the technical data that KStrong obtained under laboratory conditions it believes to be reliable. KStrong does not guarantee results and takes no liability or obligation in connection with this information. Since 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 specific end-use conditions, at their discretion and risk. Please ensure that this information is only 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.

KS GROUP

KARAM knowing your needs better

KRATOS SAFETY SOLUTIONS FOR LIFE

KSTRONG UNRIVALED SAFETY.

ASIA PACIFIC

KStrong Asia was established to serve the diverse fall protection safety needs of the Asia Pacific region using local support and knowledge. Headquartered in Singapore, with a fully operational warehouse, KStrong Asia provides direct support across the region through an experienced and dedicated team of over 20 professionals. Developing and creating tailored solutions partnered with extended local channels in languages such as Korean, Vietnamese, Thai, Chinese, Malay and more makes us unique. Offering direct professional support in each country, KStrong Asia ensures better accessibility, compliance, and user engagement thus bringing the globally trusted strength and innovation of the KS Group closer to regional industries and their needs.

ABOUT KS GROUP

The KS Group is a global leader in providing comprehensive Fall Protection and Personal Protective Equipment (PPE) solutions, and is a robust dynamic conglomerate, uniting three powerful Safety Brands: KARAM, KRATOS SAFETY and KStrong. With nearly three decades of dedicated service, we have built a trusted name in the industrial safety sector across the globe.

Brand KARAM operates in India, Africa, and the Middle East; KRATOS SAFETY caters to the European market; and KStrong covers North and South America, Asia Pacific, and Australia. Each brand offers specialized safety solutions that adhere to the highest standards of quality and performance, and are tailored to meet the requirements of the customers in each of their distinct regions. Whether it is delivering products certified to meet local safety standards, addressing region-specific requirements, or providing support in the local language, these brands are committed to offering solutions that are truly customized for the markets they serve.

The mission of KS Group is to save millions of lives working in the Industrial Environment across the globe, serving the needs of customers through the highest standards of quality in product and service, over a foundation of uncompromising values and corporate governance. Quality is the cornerstone of our success, reflected in both manufacturing and service. Our products comply with major global safety standards, including those from Europe, the United States, Canada, Australia and New Zealand, Africa, Brazil, and India.

Our manufacturing excellence, supported by fully vertically integrated facilities spanning over 65 acres in India and South Africa, ensures the production of precise, high-quality, and reliable products. With a portfolio of nearly 3,900 globally certified products, we offer a comprehensive range of Fall protection solutions. Our robust global distribution network, with strategically located warehouses across India, Singapore, South Africa, France, USA, Dubai, Brazil, Australia and New Zealand enables timely delivery to over 140 countries worldwide.

With a strong global presence, an unwavering commitment to safety, and a legacy of excellence, the KS Group continues to protect lives and elevate industry standards worldwide.



CONTENTS

SECTION	PAGE
Operations	01
Mission Vision	02
Certification	03
Understanding Fall Protection	04-23
FALL PROTECTION SYSTEMS	24-173
Harnesses	24-48
Lanyards	49-64
Retractable Fall Arrester Blocks(SRL)	65-89
Temporary Anchorage Line	90-104
Anchorages	105-121
Confined Space	122-131
Rope Access & Rescue	132-153
Connectors	154-163
Load Arrestor and Drop Prevention	164-173
INDEX	174-176



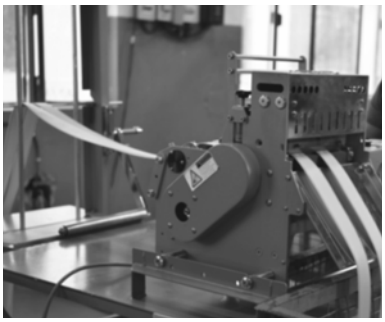
Operations and Testing

KStrong is backed by the largest vertically integrated manufacturing facility in the world, manufacturing all components of its entire product range from basic raw materials, all done in-house. Operations are performed using the best practices such as Six Sigma, Gemba (the real place), KAIZEN (Continuous Improvement), Poka-Yoke (Error Proofing) etc. Along with the sustainability of these practices, the operations are under constant vigilance and are continually improvised each day, involving better processes and technology at every step.

The manufacturing facilities, using best in-class state of the art machinery along with extremely skilled manpower involved in critical operations, produce the highest quality safety equipment from head to toe.



Product Design and Development



Webbing Cutting Machine



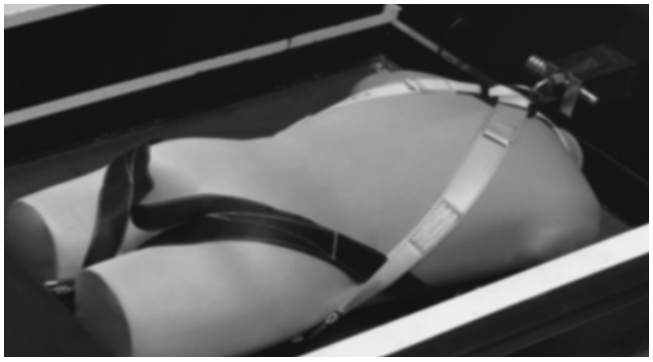
Dynamic Performance Testing



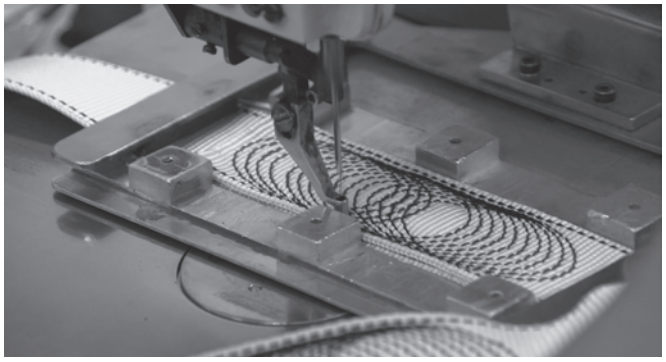
Dynamic Performance Testing



Block Servicing



Harness Static Load Testing



Sewing

MISSION VISION

KStrong Unrivaled Safety

The founders of KStrong have been successfully manufacturing personal protective equipment globally for over 20 years. With the support of a large team of highly experienced research and product development specialists along with global manufacturing facilities, KStrong is poised to become the preeminent brand of choice for personal protective safety products. KStrong takes pride in taking careful measures to ensure all products meet applicable respective government codes and professional standards, such as EN, AS/NZS and ANSI. We look forward to helping your company protect its most valued possession, its workers!

Mission

To protect and improve the lives of workers by offering the most comprehensive line of safety equipment through a national distribution base that provides Unrivaled levels of service and value.

Vision

To become the premier global provider of personal protective safety equipment.

Certification

Quality Management Systems Certification (ISO 9001:2015)
KStrong Quality Management System is Certified as per (ISO 9001:2015) SGS-UK.

Under this certification all processes and systems are stringently monitored to deliver quality product at each stage of manufacturing and service.

















What is Fall Protection?

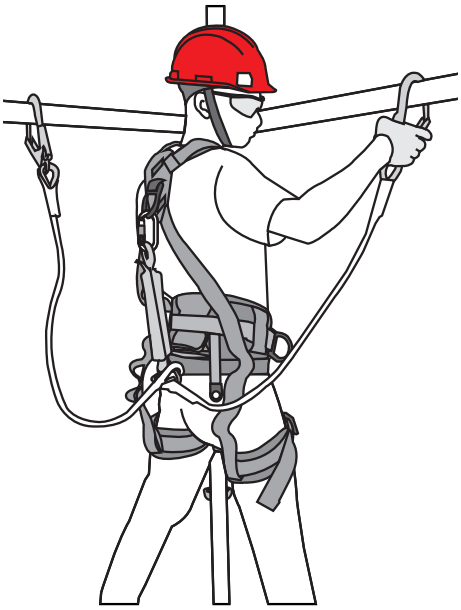
Fall protection is the use of controls designed to protect personnel from falling or in the event they do fall, to stop them without causing severe injury. Typically, fall protection is implemented when working at height, but may be relevant when working near any edge, such as near a pit or hole, or performing work on a steep surface. The fall protection system is designed to restrain or arrest the fall from heights.

Fall Protection can either be Active or Passive

Active Fall Protection Systems

Fall protection includes systems like body belts, harnesses, lanyards, and their connecting attachments such as SRLs, rope lines, lifelines etc that require some effort by the users to make the protection effective.

The use of either of the above-mentioned systems is only decided when a Risk Assessment has been completed prior to work commencing.



Anchor/ Anchorage Points



The critical problem in all active fall protection - the anchorage point - is the position on an independent structure to which the fall protection device or lanyard is securely attached. Supervisor and users must also access and manage the hazards below and to the side of the anchoring point to ensure that the user does not strike or swing into any obstacles should he or she fall.

Full Body Harness



The full body harness is a key part of an active fall arrest system. The harness distributes the impact forces safely across the users body in the event of a fall whilst ensuring that the user who has fallen, remains suspended in an upright position after the fall has occurred.

Lanyards



A Lanyard is the connecting element in a fall protection system between a Harness and an Anchorage Point. They can be used in Fall Arrest or Restraint depending on the application and the products selected for the task. It allows limited lateral movement on the job. Its length and placement of the anchor determines the amount of free fall a User experiences before the protective device stops the fall.

Retracting Lifeline Devices



These portable, self-contained devices are fixed to an anchorage point above the work area. They act as an automatic taut lanyard. The lifeline rope or cable is attached directly to the worker's body belt or harness. The rope extends out of the device as the distance increases and retracts as the user moves closer. The moment a fall occurs, the locking mechanism is activated to arrest the fall whilst the inbuilt shock absorber reduces the potential shock load. This device is ideal for use on sloping roofs and angular structures, because the rope is never slack and does not interfere with the surface work.

Lifeline



When the user is in constant movement on an elevated horizontal plane, a horizontal lifeline provides continuous anchorage. It is an anchoring cable rigged between two fixed anchorage points on the same level. The line may serve as a mobile fixture to attach Lanyards, Lifelines or Fall Arrest Blocks. The purpose is to limit swing injuries by providing continuous overhead support fixture point as the worker moves horizontally. Temporary Vertical Anchorage Line Systems have uniquely designed Rope Grabs that grab onto the Anchorage Line on which they move, thus arresting the fall immediately.

Fall Arresting Systems (FAS)

The purpose of a Fall Arresting System (FAS) is not only to stop the fall but also to ensure that the energy gained by the body during the fall is distributed so as to prevent the wearer from being injured. A Fall Arresting System is composed of an independent anchorage point, a vertical lifeline (dropline), a fall arrester, a harness (or a belt) and optionally a lanyard and a shock absorber, equipped with all the necessary hardware (snap-hooks, D-rings, etc).

Hardware Connectors



Hardware Connectors consist of Hooks, Karabiners, Anchorage extensions and metal links that connect parts of the Fall Arrest System.

Rescue Systems



The moments following an accidental fall can be critical in preventing worker injuries. Companies should develop, implement, and regularly practice rescue procedures and use specialized rescue equipment which should be available 100% of the working time.

Systems Used In Below-ground Level

Tanks or Confined Spaces



Confined spaces are those, which by design have limited openings for entry and exit. Examples of confined spaces includes storage tanks, process vessels, ship compartments, pits, silos, vats, sewers, boilers, tunnels, vaults and pipelines. For entering and safely exiting the confined space, equipment such as Davits, Tripod and Winches are available.

Passive Fall Protection Systems

Fall protection such as nets, guard rails and Scaffolding generally provide 100% protection for multiple workers.

Fall Protection Roles

User / Contractor

Users / Contractors who are required to perform work at heights shall have a working knowledge of the hazards present in their work area as well as how to use, inspect and care for the personal fall protection systems they are required to use.

Competent Person

Competent Person means a person who has been "trained" and is capable of identifying hazardous or dangerous conditions in the personal fall arrest system or any component thereof, as well as in their application and use with related equipment. Competent Persons may be working at heights instructors, managers, supervisors, 3rd party suppliers or employees.

Employer

Any manager, supervisor, or owner of a company that has employees who are required to perform work at heights.

Fall Protection Responsibilities

User / Contractor

- Work within the boundaries of guardrails and other equipment used as protective barriers.
- Effectively use and care for fall protection equipment in accordance with manufacturer's requirements.
- Completed Working at Height training.
- Have a working at heights assessment and Rescue Plan for all work where the risk of a fall is present.

Competent Person

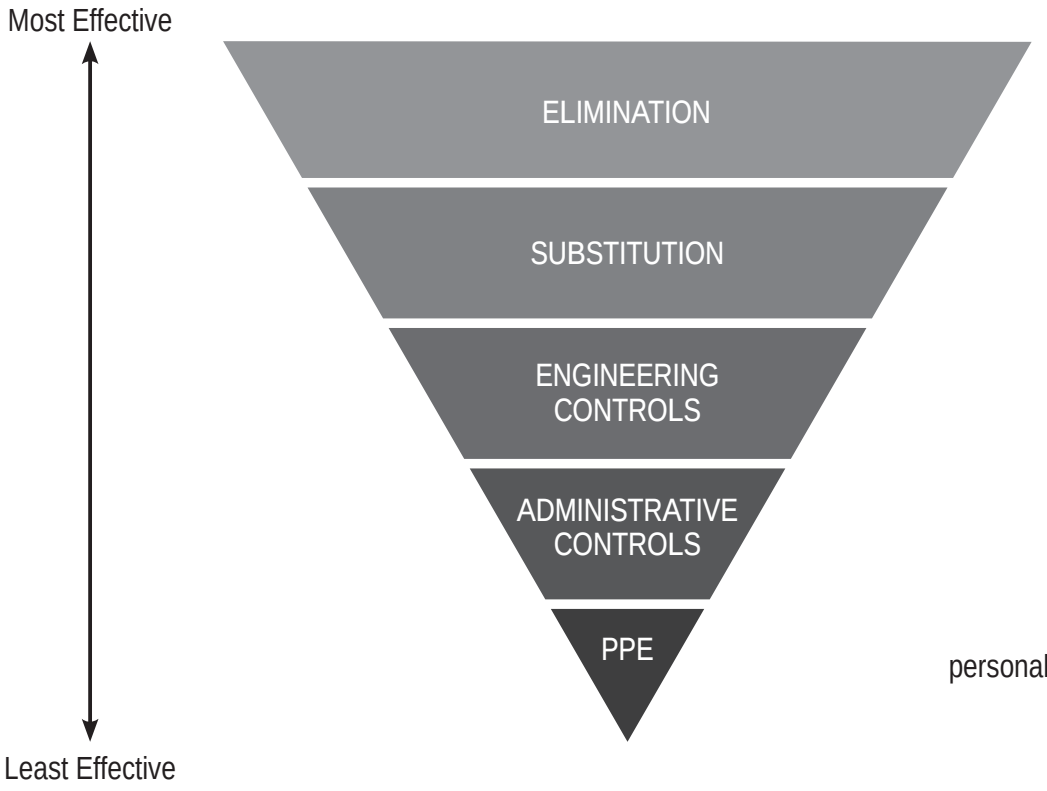
- Ensure that employees performing work at heights meet current training requirements and that employees have the skills necessary for safe performance.
- Develop working at height and rescue plans as needed for employees.
- Recommend suitable fall arrest systems for various work at height situations.
- Perform periodic inspections of fall protection equipment and systems in accordance with manufacturer's or legislative requirements.
- Stop any work that is being performed in an unsafe manner.

Employer

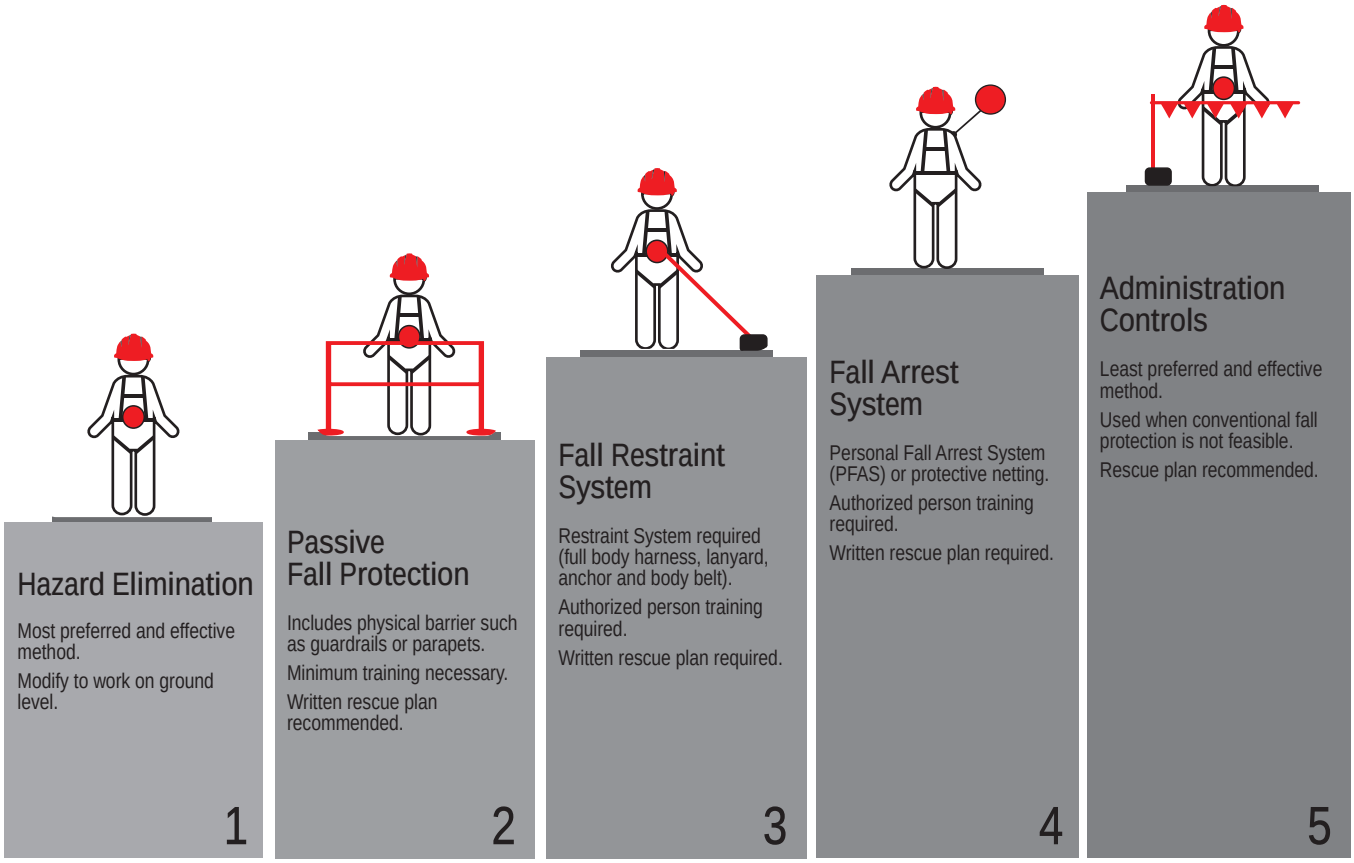
- Provide Safe working environment through collective protection.
- First, the employer must set a policy, which is clearly communicated to employees and enforced during applicable operations, that addresses these points:
    - Worker Qualification: Is the employee qualified to perform work at height / elevated conditions?
    - Are the workers who are placed in the elevated work positions trained in the Fall protection system to be used?
    - Appoint a competent person to ensure safe work at height.

Selection of Equipment	Is equipment being used as required to perform the job safely? Is the equipment purchased for the job certified to the appropriate standards?
Installation of Equipment	Has equipment been installed according to acceptable standards, regulations, and manufacturer's recommendations?
Equipment Maintenance and Inspection	Can the equipment be maintained as recommended, and will employees inspect their personal system components daily before use.
Rescue Procedures	Has the plan been developed to rescue any employee who has experienced a fall and either awaits rescue while suspended in the Harness or is seriously injured because of not using safety equipment?
Job Safety Analysis (JSA)	Has a job procedure been developed and implemented for working in an elevated situation or near any edge, such as a pit or hole? The analysis of elevated work tasks is intended to determine the most suitable match between required worker mobility and the capabilities of the fall protection system. The company policy establishes what is to be done. An appropriate system and its components must be selected. A variety of equipment is available to help employers set up an effective fall protection program. Generally, it includes Body Support mechanisms, Climbing protection systems, Vertical Lifeline Systems, Horizontal Lifeline Systems, Confined Entry and Retrieval Systems, and Controlled Descent Emergency Escape Systems. However, the proper selection and purchase of safety equipment alone does not constitute a fall protection program. The employer is responsible for selecting the most suitable Fall protection equipment for the application recommended. They can refer to the Manufacturers literature, instructions and information provided on the label. Equipment not recommended for use should never be used for application stated.
Provide Training	Ensure that employees performing work at heights meet current training requirements and have the skills necessary to perform the work competently. Understand the scope and hazards associated with the work to be performed. Ensure that the hierarchy of controls is applied when evaluating work at heights.

Hierarchy of Control



Hierarchy of Fall protection



Calculating Fall Clearance

Shock Absorbing Lanyard

Fall clearance is the distance required to prevent workers from hitting the ground or lower level, in case of a fall.

Here is how to calculate fall clearance:

Required Distance = Lanyard Length + Deceleration Distance + Height where work is happening + Safety Factor

Correct calculation ensures that the operator's fall arrest system will activate so they are not injured by coming into contact with any obstructions below.

RD = FFD + DD + C

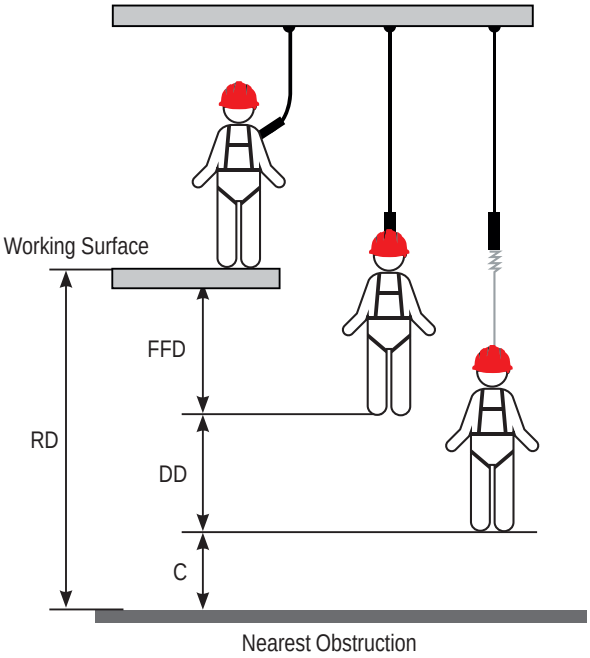
RD = Required Distance
Working surface to Nearest Obstruction

FFD = Free Fall Distance
2.0m Maximum allowed

DD = Energy Absorber Deceleration Distance
+ D-Ring Slide and Harness Stretch

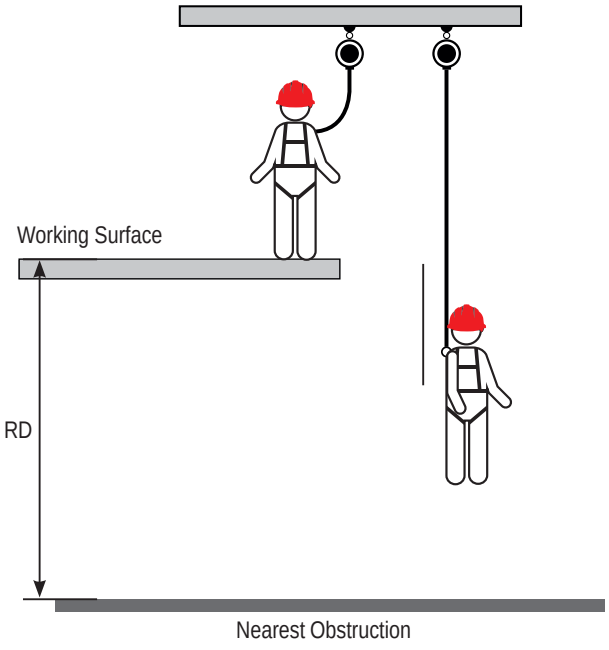
C = Clearance to Obstruction During Fall Arrest
(1.0m minimum safety factor required)

FFD	Extension
600mm	300mm
1000mm	500mm
1500mm	600mm
2000mm	900mm

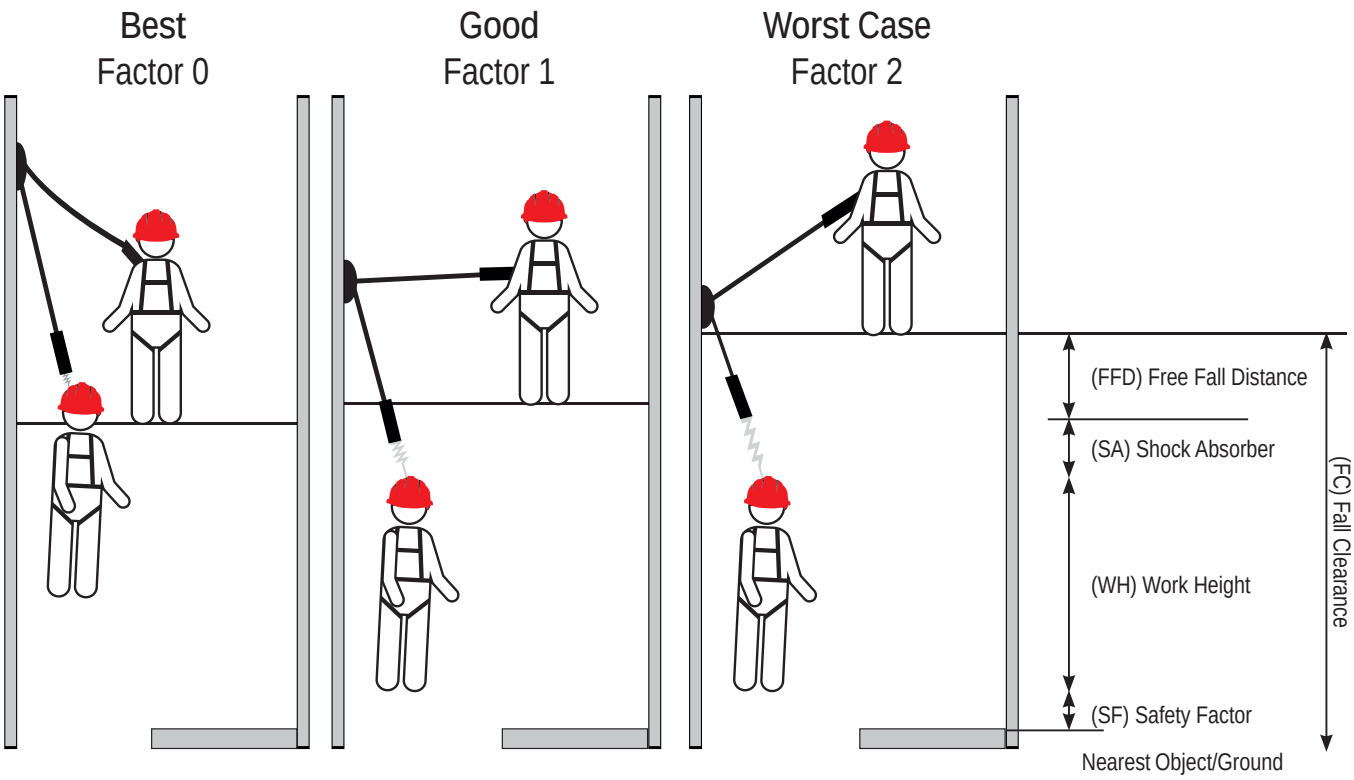


Self Retracting Lifeline

RD = Required Distance is 2.4m
Required distance below working surface to Nearest Obstruction



Understanding Fall Factors



Fall Factor 0

Indicates that you have reduced as much free fall distance as possible by attaching your lanyard above you.

Fall Factor 1

Indicates your anchor point is at the same level as your attachment point on the harness. This means that you will potentially fall the full length of your lanyard (2m on a 2m lanyard).

Fall Factor 2

Is the worst case scenario, where you are anchored at your feet. This means you will fall up to twice the length of your lanyard. A total of 6.75m clearance would be required when using a 2m Lanyard.

Definitions of Fall Protection Systems

A system designed to control and protect users from falling or in the event they do fall, to stop them without causing severe injury is called a Fall Protection System. This system is an assembly of components intended to protect the user against falls from a height, constituted of:

- A body holding device – A full body harness, sitting harness, work positioning belt, rescue harness, rescue loop.
- An anchor device which can be connected to a reliable anchorage point.
- A connecting Element – A lanyard, fall arrestor, Self retracting Life line that connects the harness to the anchor.

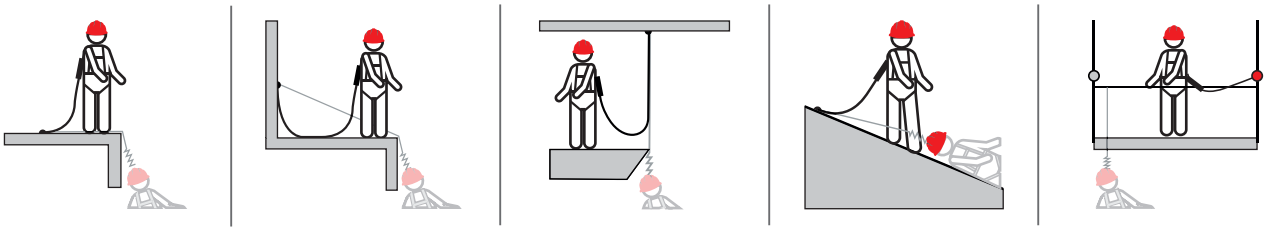
Fall Arrest

A Fall Arrest System is one that is designed to stop the free fall of a user and limit the maximum arresting forces imposed on the user to 6kN or less. Free Fall is described as a fall or the arrest of a fall where the fall distance before the fall-arrest system begins to take any loading, in excess of 600mm either vertically or on a slope which is not possible to walk without the assistance of a handrail or hand line.

Requirements

- Full-body harness lanyard or fall-arrest device which will limit free fall to 2.0m max.
- 12kN ultimate strength anchorage or equivalent horizontal lifeline or rail.

Typical Application



Limited Free Fall

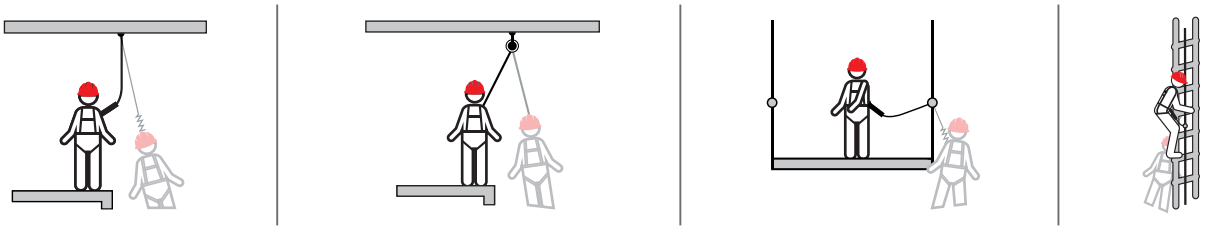
A combination of anchorage placement and Lanyard length which will permit only a limited free fall (<600mm).

Requirements

- Full-body harness lanyard or fall-arrest device that will limit free-fall 600mm max.
- 12kN ultimate strength anchorage or equivalent horizontal lifeline or rail.

Typical Application

Any situation where the use of either a short lanyard or a fall-arrest device (or both where applicable) will limit any free fall to 600 mm.



Restraint Technique

A combination of anchorage placement and lanyard length adjustment which will not physically permit the operator to reach a fall risk position unless the lanyard is incorrectly adjusted. Control on a person's movement by use of a Fall-arrest system, which entails connection to an anchorage using an adjustable lanyard or other components that can be adjusted for length as necessary to physically prevent the person from reaching a position at which there is a risk of a free or limited free fall.

Requirements

Where any possible fall will only be a limited free fall (<600 mm):

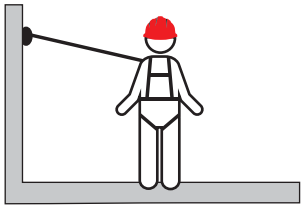
- A lower-body harness.
- Anchorage with ultimate strength 12kN.

All other cases:

- A full-body harness.
- Anchorage with ultimate strength 12kN.

Typical Application

Any situation where access to the work can be achieved entirely on a working surface with secure footing and without exposure to a fall provided that the equipment is correctly adjusted.



Total Restraint

A system where no fall is possible.

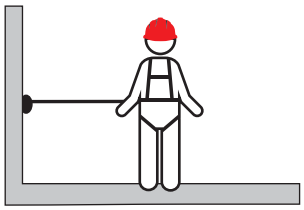
Requirements

Full Body Harness

Adjustable Lanyard to prevent the user from reaching areas or positions where the risk of a fall from a height exists. (Lanyards without shock absorbers are allowed).

Typical Application

Total Restraint is defined as the control on a person's movement by means of a connection to an anchorage in such a way that it will physically prevent the person from reaching any position at which there is risk of a fall, either over an edge, through a surface or due to a failed movable platform.



Work Positioning

A Work Positioning System is one that is designed to hold and sustain the user at a work location and limit the free fall to 600mm maximum. A work positioning system MUST not be used for fall arrest.

A Restrained Fall is the use of equipment such as a harness and adjustable lanyard which can be adjusted by the user to maintain a restraint condition in different situations as the distance from anchorage to a potential fall zone varies. It assumes that the level of user training and competence is adequate to counter the additional risk factor.

Requirements

Full-body or lower-body harness and pole strap.

Typical Application

Working on a pole where no more than 600mm maximum free fall is possible.



Rope Access / Working in Suspension

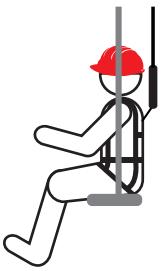
A Suspension System is designed to suspend and support the user while being transported (raised up or down) vertically and does not allow free fall. After a fall in a full body harness, the user may be suspended in a position that they can not recover themselves from, like over the edge of a platform. The rescuers will setup the rescue kit, attach the rescue system to the victim and detach them from their fall arrest device, raise or lower them to safety.

Requirements

- Full-body harness with two fall arrest attachment points, a primary attachment for suspension along with a secondary backup system. The use of a podium seat may be required for longer periods of suspension work, The ventral (waist) attachment points on the harness are best for suspension. Suitable anchor points rated to 12kN or a tripod or davit system.
- 12kN anchor point will be required if a fall greater than 600mm may occur.

Typical Application

- Confined space work where you may be required to be lowered or lifted out of a tank.
- Window Cleaning
- Painting



Rescue and Evacuation

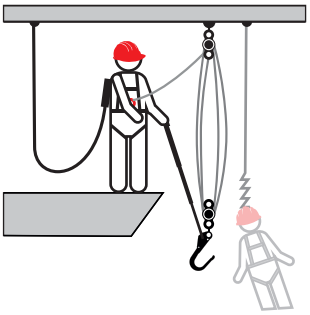
A Rescue system is designed to raise or lower a user to safety in the event of an emergency. No free fall should be possible.

Requirements

A full body harness, a suitable anchorage point to ensure the rescuer is safe. A rescue system that can either raise or lower the rescued user to safety. A backup fall arrest system for the rescuer, suitable anchor points rated to 15 kN.

Typical Application

Rescuing a worker who has taken a fall who cannot climb to safety.



Understand Your Work Application

Work Application

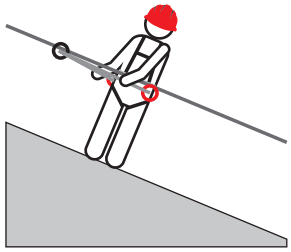
Before working at height a full risk assessment and job safety Analysis shall be completed to understand the proper use and limitations of PPE equipment.

Equipment Used: PPE Products, Harness, Connector, Anchor.

Be Aware of The Following Safety Point

Roof Work

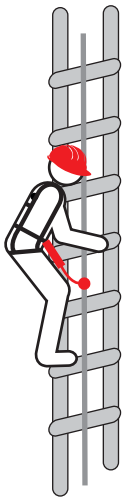
- Ensure anchor points are correctly installed, fitted and are suitability rated and certified.
- When using rope & rope grabs always ensure the rope line is taut from both anchor points.
- Shock absorber connection shall be between harness frontal or rear attachments and rope grab via karabiner.
- Make sure you utilize the rear or frontal Fall arrest attachment points of your harness while working at all times.
- All fall arrest attachment points on a harness are marked with “A”.
- If there are no anchor points present you should use an appropriate anchorage system to a suitable structure ensuring the structure can support a fall arrest situation.



Equipment Used: Full body harness with rear or frontal Fall arrest attachment points, Approved rope & rope adjuster with shock absorber pack. Temporary metal roof anchor or Anchorage sling.

Ladder Work

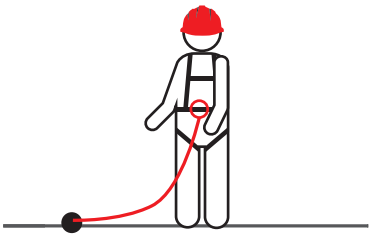
- For fixed ladder safety lines ensure it has been certified, maintained, and operating safely before use.
- With mobile ladders ensure the ladder has been secured properly with certified ladder brackets.
- Use certified anchor systems such as anchor strap, fixed anchor point or temporary anchor point.
- Ensure safety rope line is correctly tied off and rope grab is fixed to frontal connection points of harness with karabiner.
- Always use a full body harness and twin lanyard with shock absorber for ladder work.



Equipment Used: Full body harness with rear or frontal Fall arrest attachment points, Twin lanyard with shock absorber. Approved rope & rope adjuster, Anchorage sling, certified ladder.

Construction & Maintenance

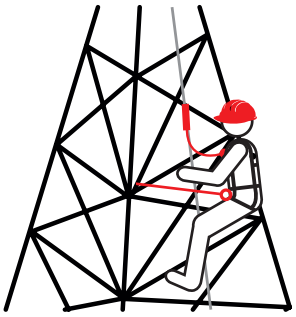
- Ensure anchor points are correctly installed, fitted and are suitability rated and certified.
- When using rope & rope grabs always ensure the rope line is taut from both anchor points.
- Ensure fall arrest systems have been regularly serviced and in good working condition.
- Use single lanyard or twin elasticated lanyards with shock absorber.
- Make sure you utilize rear or frontal Fall arrest attachment points of your harness whilst working at heights.
- With static lines ensure the system is certified and in good condition and working order.



Equipment Used: Full body harness with rear or frontal Fall arrest attachment points, Single or Twin lanyard with shock absorber, Suitable Inertia reels, Anchorage sling, suitable anchor.

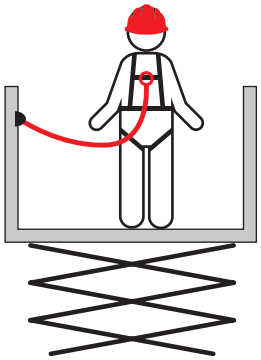
Tower Work

- Ensure anchor points are correctly installed, fitted and are suitability rated and certified.
- When using rope & rope grabs always ensure the rope line is taut from the anchor points.
- Ensure fall arrest equipment has been regularly serviced and in good working condition.
- Make sure you utilize rear Fall arrest attachment point harness with twin lanyard and belay loops with pole strap of your harness whilst working at heights.
- With permanent ladder systems ensure the structure is certified and in good condition and working order.



Equipment Used: Full body Tower workers harness, Twin tie back lanyard with shock absorber, work positioning lanyard ,approved rope adjuster, Adjustable pole straps ,anchorage sling, Temporary horizontal lifelines and Self retracting Life lines.

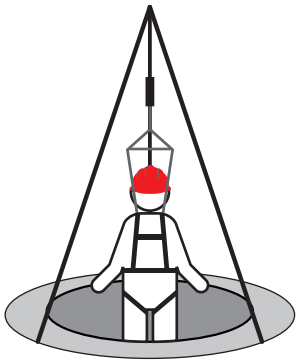
Elevated Work Platforms



- Ensure anchor points and elevated work platforms are correctly installed, fitted and are suitability rated and certified.
- Ensure fall arrest equipment has been regularly inspected, serviced and in good working condition.
- Make sure you utilize rear Fall arrest attachment points of your harness with either webbing, adjustable or elastic single lanyard of your harness whilst working at heights.

Equipment Used: Full body harness with rear or frontal Fall arrest attachment points, Single lanyard with shock absorber.

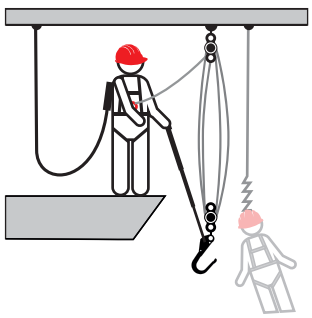
Confined Space & Rescue



- Ensure confined space and / or rescue equipment is being regularly inspected, serviced and in good working condition
- Ensure tripod or davit system are correctly installed, fitted and are suitability rated and certified.
- Prior to use, inspect the Confined Space Harness, Type 3 Rescue retreival SRL, Inertia reel and Rescue winch to ensure they are in good working condition.
- Make sure you utilize the rescue loops for rescue operation of the Confined Space harness
- With spreader bar the arm straps should be utilized.

Equipment Used: Full body Confined Space harness with rear Fall arrest attachment points and shoulder confined space loops, Type 3 Rescue Device, Winch, Confined space spreader bar, Tripod or Davit arm.

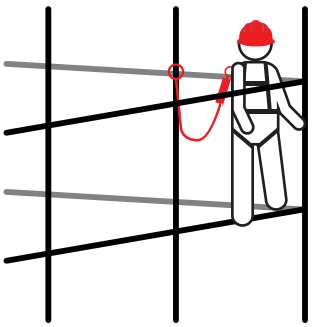
Rescue & Evacuation



- Ensure you have a suitable rescue plan before commencing work at heights.
- Select a rescue kit suitable for the environment the rescue may be required for. (Length, do you need to lift or lower)
- Ensure fall arrest equipment has been regularly inspected, serviced and in good working condition.
- Make sure you utilise front rear or frontal Fall arrest attachment points of a harness to attach the rescue recovery system to give you full control and view of rescue.

Equipment Used: Full body harness with rear or frontal Fall arrest attachment points, Shock absorbing lanyard, rescue kits and a rescue pole, Suitable anchor point.

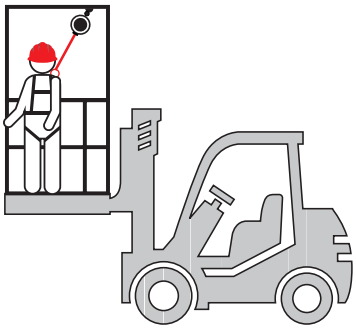
Scaffolding



- Ensure when connecting to the structure, the anchor point (Scaffold structure) could support a 15 kN load.
- Ensure fall arrest equipment has been regularly serviced and in good working condition.
- Make sure you utilise rear Fall arrest attachment points of your harness with twin lanyard and scaffold hooks whilst working at heights.
- Twin retractable units attached to the back dee of the harness may be more suitable in lower scaffolding builds due to the reduced fall factor.

Equipment Used: Full body harness rear or frontal Fall arrest attachment points, Twin shock absorbing lanyard or twin retractable lanyard with scaffold hooks.

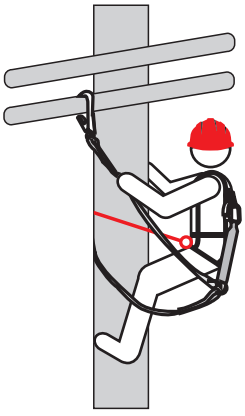
Warehousing



- Ensure anchor points on elevation cage are correctly installed, fitted and are suitability rated and certified.
- Ensure fall arrest equipment has been regularly inspected, serviced and in good working condition.
- Make sure you utilise rear fall arrest attachment point with retractable webbing lanyard to reduce the fall factor to the shortest possible length while giving you maximum range of movement.

Equipment Used: Full body harness with rear or frontal Fall arrest attachment points, Retractable Lanyard, Accessible anchor point or anchor sling.

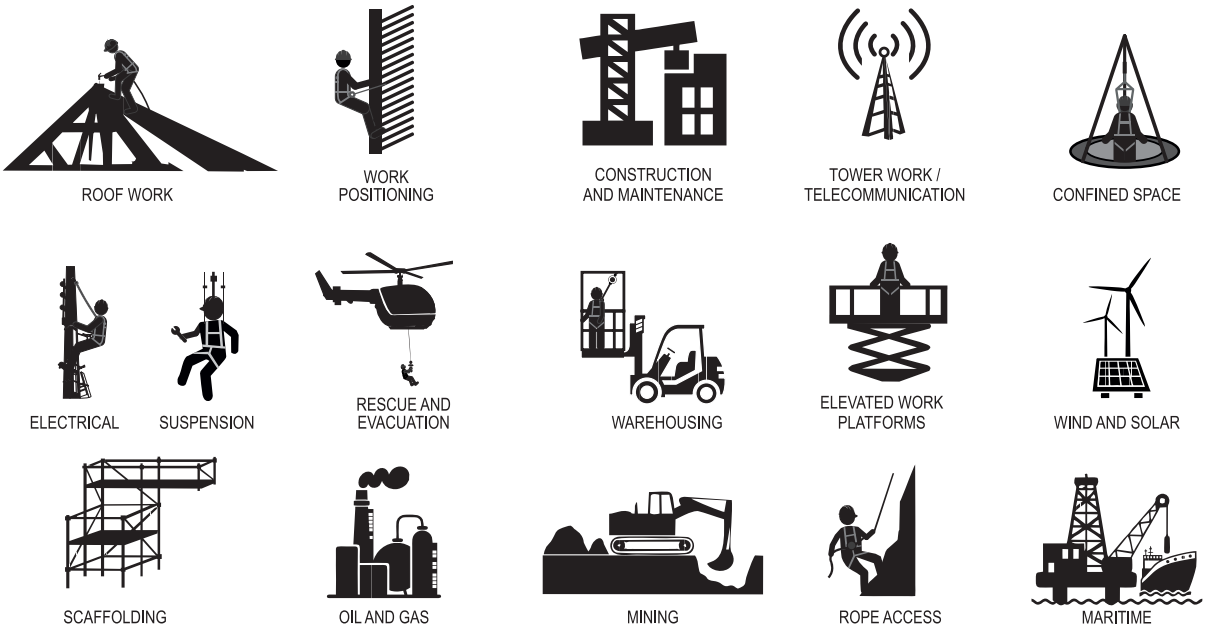
Utilities



- Ensure when connecting to the cross arm of the pole it is able to sustain the force of a limited fall (12kN).
- Ensure fall arrest equipment has been regularly serviced and in good working condition.
- Make sure you utilise rear or frontal Fall arrest attachment points of your harness with shock absorbing lanyard and pole strap attachments with pole strap on your harness whilst working at heights.
- Always ensure you are connected, the use of two pole straps will allow for the transition from below to above the cross arm beam while maintaining one connection at all times.

Equipment Used: Full body harness with rear or frontal Fall arrest attachment points, Pole strap attachment points, pole strap and secondary fall arrest lanyard.

PPE Applicable in Industries



Height Safety Training & Consultation

KStrong offers a range of courses designed for those who work at heights or may find themselves needed to access a roof or other raised area as well as working in confined space areas. Our training covers all levels from beginners with height safety and elevated work platform courses through to more advanced confined space training.

Our experienced and professional team can provide advice for facility and building managers, contractors, and maintenance technicians regarding all aspects of working safely at heights and height safety systems.

With the ability to conduct site visits, we can ensure your business can be prepared to respond to all related Height Safety activities.

Instructions For Periodic Examinations

- As per EN 365 of PPE Regulation 2016, It is necessary to carry out regular periodic examinations. The safety of the users depends upon the continued efficiency and durability of the equipment.
- The personal protective equipment shall be examined at least every 12 months.
- The periodic examination can only be carried out by the manufacturer or his authorized representative.
- The comments should be included in the check card of the equipment. After the periodic examination, the next due date for periodic examination will be determined.
- During periodic inspection it is necessary to check the legibility of the equipment marking.
- To check metals for sharp edge, burs, corrosion, bent profile distortion and opening & closing or such mechanisms for which that is intended for.
- To check webbings/ropes for breakage, untwisting, frayed, burn, paint, excessive dust or soiling, cut, exposure to chemical or any such elements which can harm the webbing/ropes or can result in compromised performance of the entire system or the device in which it is used.
- Shall be discarded as per procedures given under point instructions for disposal.
- The required annual examinations will validate the correct functioning of the equipment. It is compulsory that the equipment is examined by the manufacturer or his authorized representative at least once a year.
- In case that it has been used to arrest a fall, the equipment must be withdrawn from use.

Removal of Equipment from service

- 12 monthly service and/or periodical inspection is due.
- It has been involved in a fall.
- Labels have been removed, are missing or illegible.
- Excessive abrasive wear (furry or frayed surfaces) has occurred.
- Broken fibres, tears, cuts, snags and splinters are present, weld burns are present.
- Deterioration or stretching has occurred.
- Loss of resilience, discolouration or visible damage is experienced.
- Parts and mechanisms are not moving freely or are corroded.
- There is reduction in cross-section of rope area or webbing.
- There is excessive contamination not removed by approved cleaning methods.

Instructions For Maintenance

Cleaning:

The personal protective equipment must be cleaned without causing adverse effect on the materials used in the manufacture of the equipment. For textile (webbing and ropes) and plastic parts wipe with cotton cloth or a soft brush. Do not use any abrasive material.

For intensive cleaning wash the harness at a temperature not more than 40^0 Celsius using a neutral detergent, then dry in shade.

Metallic parts incorporated in the harness should be wiped with a wet cloth. When the equipment becomes wet, either from being in use or when due to cleaning, it shall be allowed to dry naturally, and shall be kept away from direct heat.

Storage:

Personal protective equipment should be stored loosely packed, in a dry and well ventilated place, protected from direct light, UV degradation, dust, sharp edges, extreme temperature and aggressive substances. Try to store PPE in original packaging.

Repair:

Any repair shall only be carried out by equipment manufacturer or his authorized representative following manufacturer's procedures.

Segregate the equipment in three different crates for placing components in them respectively as- Textile, Metal and Plastic.

COMPASS™ KStrong Asia Compass App

Complying with EN 365 of PPE Regulation 2016, which indicates the need to have Competent Authorities inspect the Fall Protection Equipment at least once annually, Compass focuses on responsible after-sales services which include Inspection and revalidation of Personal Protective Equipment (PPE), Service and Repair of Retractable Fall Arrestor Blocks and Inspection, Repair and Revalidation of Fixed Line Systems (FLS) on an annual basis.

Maintains competent and vigorous after sale service establishments throughout Asia.



KStrong Unrivaled Safety

Lanyards – Self-Retracting Lifelines – Connectors – Anchors – Confined Space – Rescue Retrieval Equipment – Engineered Vertical and Horizontal Lifeline Systems

Fall protection products are lifesaving devices, and the mere procurement for your workforce does not guarantee complete safety. After making an investment in your fall protection equipment, it is critical that the end user is properly trained on its inspection and use, and is aware of the periodic maintenance process that requires that all personal protective equipment (PPE) be inspected in accordance to the requirements of employers, governmental codes and Standards such as EN and ANSI.

Chart a Course to Safety

The KStrong Compass™is the fall protection industry's first "free at your fingertips" mobile application for fall protection equipment asset management. KStrong Compass™ is a cloud-based software app which relieves the user from a mountain of paper records. The unique AIR system (Automated Inspection Reminder system) reminds a user of a pending competent person inspection that is required to minimize accidents that may happen due to equipment that has not been properly inspected.



The KStrong Compass™ user management system allows equipment to be issued to individuals, thus ensuring accountability towards the upkeep of the equipment. The mobile app provides each user vital information on Daily inspections and periodic maintenance and helps in increasing the life of the equipment. By using KStrong Compass™ it allows companies to manage their PPE investment.

Key Benefit for All Company Risk Management and Safety Directors

During the one-time registration process, the user will be given the option of entering a second email address designated by their employer. Once the user registers or inspects a product the nominated person will receive a notification via email. Management and Safety Officers can then access their KStrong Dashboard on their phone or computer to view the inspection status of all items registered to date in real time.



How to Identify a Product

Identifying a product through labels throughout its service life is difficult. The labels get damaged often making them difficult to read or become missing altogether over time. KStrong Compass™ has the unique ability to read QR codes, RFID tags, and can even directly scan product labels. Thus, identifying a product and its user is a click away.



What Does An End-User Need to Start Using KStrong Compass™ Asia?

To download the app, an iOS or ANDROID user can simply open the camera on their phone or device and scan the QR code, RFID tag, or Label included with every KStrong product, register when prompted, and user is now ready to see that products critical data including:

Date of Manufacture – Serial Number – Batch Number – Pre use **inspection tips and actions steps – User Manual – Specification Sheet** – Declaration of Conformity (DoC) – Date of last Competent Person inspection and future inspection reminder setting options – Product Pictures, Videos, PowerPoints, and more

Download on the App Store

GET IT ON Google Play

ABCD's of Fall Protection

To ensure you are working safely at heights you will need the following ABCD's of Fall protection to operate a Safe fall protection system.

Anchorage: An Anchor is a devise that completes the fall arrest system when it secures the user to a structure either fixed or mobile.

Types of Anchors: Horizontal Lifelines, Fixed Anchors, Beam Anchors and Anchor Straps.

Body Support: The full body Harness is the main point of contact between the user and the shock absorbing attachment via the attachment points on the harness.

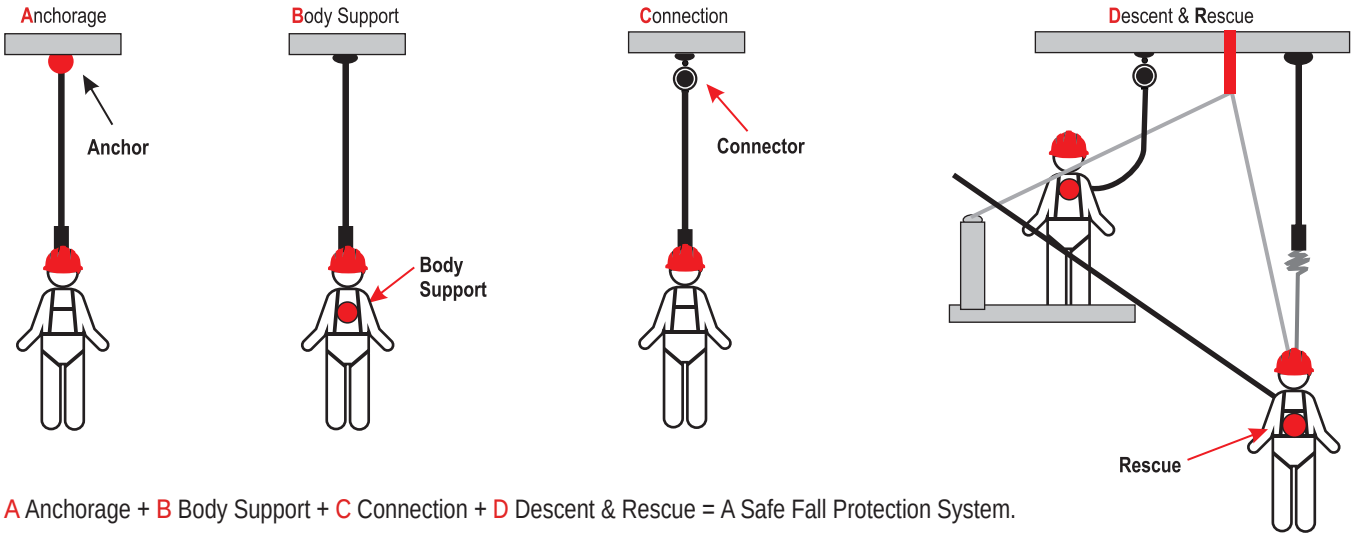
Types of Harnesses: Rescue, Construction & Tower.

Connecting Device: The device which connects a Full Body Harness to an Anchor and is the connecting element to the system.

Types of Attachments: Shock Absorbing Lanyards, Restraint Lanyards, Rope Lines & Fall Arrest Blocks (SRL's).

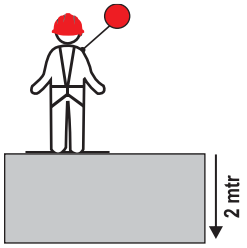
Descent & Rescue: In the event of a fall there must be a system or Rescue Plan in place to allow the user to descend or ascend safely or be rescued without endangering the user or other colleagues.

Types of Rescue: Rope Rescue Kits, Tripods and Davits Systems.

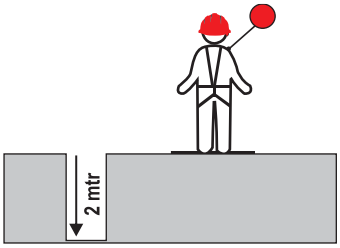


A Anchorage + B Body Support + C Connection + D Descent & Rescue = A Safe Fall Protection System.

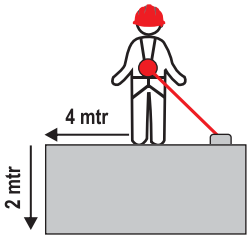
When to use Fall Protection



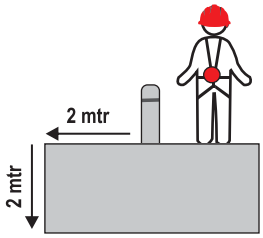
Fall Protection Equipment should be used when the worker is working above 2 mtr.



Fall Protection Equipment should be used when the worker is working near an edge of open pit / hole.

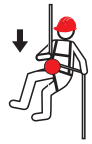


If unable to use Fall arrest System, then you should be using a Restraint system as a minimum.

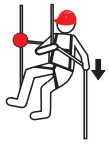


Use a physical Barrier (Passive protection) when working near an edge if possible

Standards



EN 341
PPE against Falls from a Height
Descender Devices



EN 353-1,2
PPE against Falls from a Height
Guided Fall Arresters



EN 354
PPE against Falls from a Height Equipment
Lanyards



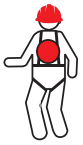
EN 355
PPE against Falls from a Height
Energy Absorbers



EN 358
PPE for
Work Positioning



EN 360
PPE against Falls from a Height
Retractable Fall Arrester Blocks



EN 361
PPE against Falls from a Height
Full body Harnesses



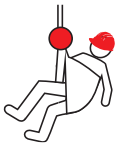
EN 813
PPE against Falls from a Height
Sit Harness



EN 15151
Mountaineering equipment
Breaking Devices



EN 1496
Rescue Equipment
Rescue Lift System



EN 1497/ EN 1498
Rescue Equipment
Rescue Harnesses



EN 1891
PPE against Falls from a Height
Kernmantle Ropes



EN 892
PPE against Falls from a Height
Stretchable Ropes



EN 12277
Mountaineering Harness



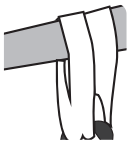
EN 12841
Rope Access System



EN 567
Mountaineering Rope Clamps



EN 362
PPE against Falls from a Height
Connectors



EN 795/ EN 795/A1
PPE against Falls from a Height
Anchor Devices



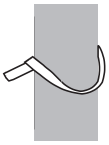
EN 12278
Pulley



EN 12492
Mountaineering Helmet



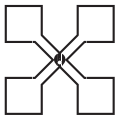
EN 397
Industrial Safety Helemt



EN 566
Slings



EN 795 Type B
Stationary Anchor Points While In Use, And With The Need For A Structural Anchor



EN 795 Type E
Performance Relies Solely on Mass and Friction



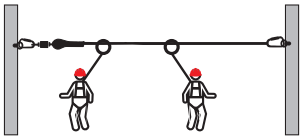
EN 795 Type A
Stationary Anchor Points While In Use, And With The Need For A Structural Anchor



EN 795 Type C
Flexible Anchor Line



EN 795 Type D
Rigid Anchor Line



TS 16415
Anchors for more than 1 users



FULL BODY HARNESS

What is a Full Body Harness?

The full body harness is a key part of an active fall arrest system. The harness distributes the impact forces safely across the user's body in the event of a fall whilst ensuring that the user who has fallen, remains suspended in an upright position after the fall has occurred. It also provides freedom of movement sufficient to allow the user to effectively perform his or her job safely.

Inspecting a Harness

When working at height your Harness should be inspected before use. This action is an essential part of your personal safety. It is your responsibility to ensure that your Personal Protection Equipment undergo periodic inspection as per EN365 of PPE Directives. With Personal Protection Equipment that has been subjected to harsh conditions inspection intervals shall be performed more frequently even if the set life expectancy of the product still has a long expiry date.

We also recommend the inspection, or any service work be recorded on the Equipment Record sheet located at the rear of User Instruction Manual. Please keep the Equipment Record in a safe place. All harnesses are equipped with Compass Inspection software.

Inspect Before Your Use it

Inspect the Labels

All labels should be intact and legible.



Inspect the Hardware

Look for damaged, broken or missing D-Rings, Buckles or Eyelets. Release tabs on buckles must work freely and click when engaged.



Inspect the Impact Indicator

The impact indicator is a section secured with a special stitched pattern designed to release when the harness has been subjected to impact loading from a fall. If the impact indicator is broken, prevent any future use by destroying and discarding the harness.



Inspect the Webbing

Look for frayed, cut or broken fibers or stitches as they may indicate the harness has been subject to a fall. Look for other signs or damage such as: Tears, abrasions, mold, burns or discoloration.

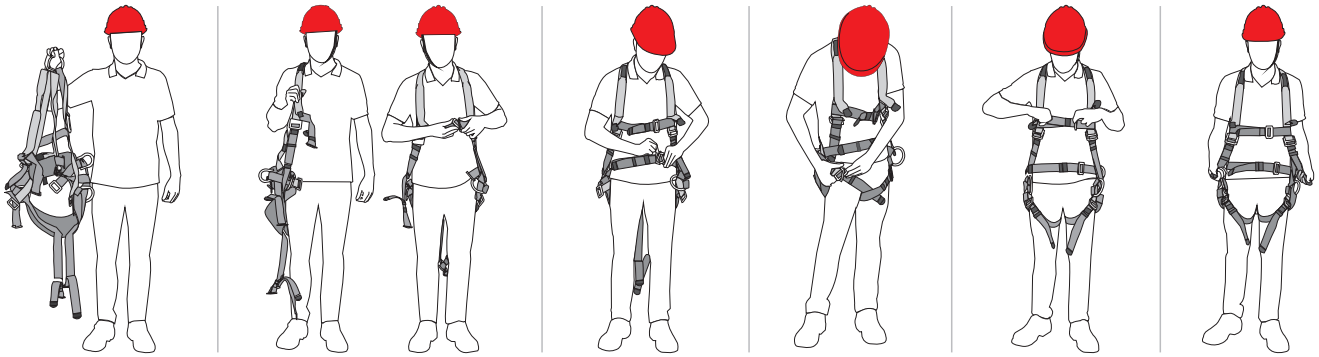




Note: Check the manufacturer's inspection list to be sure you are not missing anything.

Once the user is convinced that the harness is devoid of any visual physical damage, and has not been involved in a fall, it is now safe to wear.

How to wear a Harness?



Step-1
Untangle the harness by holding it from the dorsal D-ring.

Step-2
Slip harness over shoulders and close the buckle on the chest.

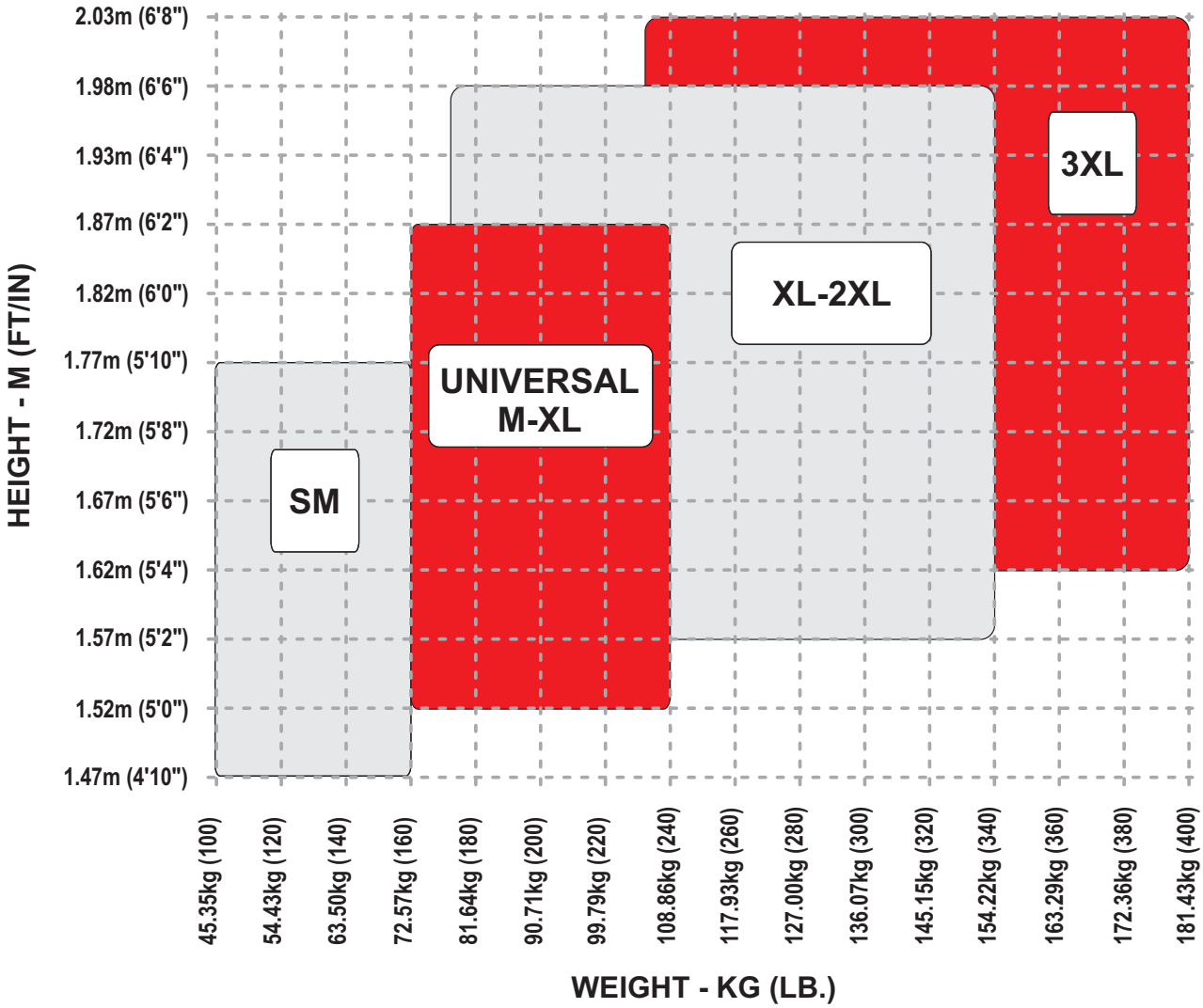
Step-3
Close the buckle on waist strap if Harness has waist belt.

Step-4
Pull the leg straps one by one round your thighs outwards to your front.

Step-5
To check and adjust all the straps of the harness to your body adjustment.

Step-6
Now ready to work.

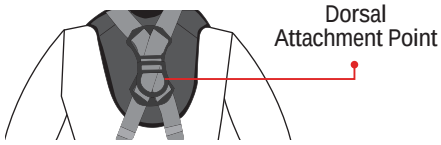
Harness Sizing Chart



Attachment Points of Harness and its Uses

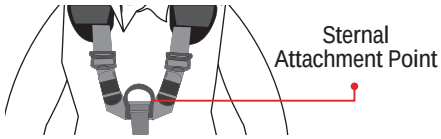
Dorsal Attachment Point

This point is meant for fall arrest. It is located on the ID plate on the back of the Harness between the shoulder blades. Dorsal attachment point is ideal for fall arrest purposes because it evenly distributes the forces of fall arrest across a person's body. It is suitable for standard site work or platform working, where the worker only needs to be attached with no other requirement for climbing, work positioning.



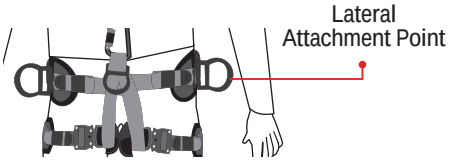
Sternal Attachment Point

Ergonomically placed Sternal D ring on the chest area of the Harness is used as a front attachment point for fall protection when using a guided type fall arrester while climbing or entering a confined space.



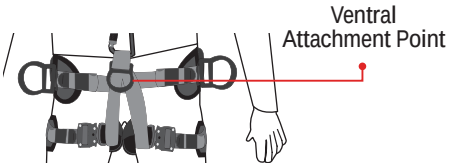
Lateral Attachment Point

2 Lateral D-rings located on the sides in the lower waist area of the harness is used for work positioning. It allows a worker to have both their hands free to work while they remain connected to the work area. It should be noted that these attachment points are not to be used for fall arrest, but instead this system is a form of fall restraint.



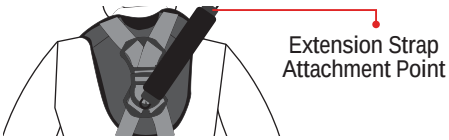
Ventral Attachment Point

This attachment point is located in the centre of the waist level of the Harness. It is used for rope access, rescue and many other applications.



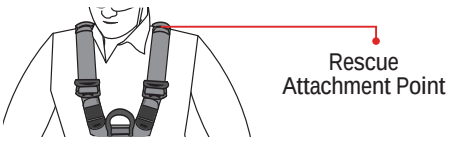
Extension Strap Attachment Point

The Extension Band allows the user to easily connect to or disengage the Dorsal attachment D-ring without any external help. It is suitable for standard site work or platform working, where the worker only needs to be attached with no other requirement for climbing, work positioning and roof work.



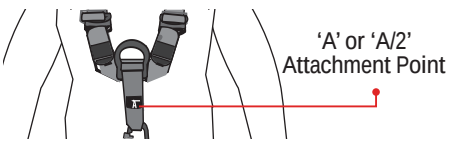
Rescue Attachment Points

Located on shoulders of harness in the form of webbing loops or steel D-rings. Allowing easy attachment of Spreader bar. Used for confined space entry/exit and rescue and retrieval.



'A' Attachment Point

The Labels marked as 'A' denote the Attachment points on the Harness. In certain areas the labels are marked 'A/2', meaning that two similar points held together shall constitute a single Attachment point.



EPIC FULL BODY HARNESS

Epic Range

KStrong EPIC Series has been ergonomically designed with AirLite padding to provide extreme comfort with breathable foam and fabric to keep you cooler for longer. It has lightweight Aluminum fittings and is suitable for all environments due to the Endure Guard Technology which provides liquid protection against Oil, Dirt & Water. It also has the Integrated Compass Asset Management feature located in the Label Pack.

FEATURES

Confined Space Loops

Protective Label Pack

Label Pack providing protection for Harness labels, instructions & QR code directing to Compass Asset Management portal.

Aluminum D-rings & Hardware

Light Weight Aluminum D-Rings and Hardware.

Fall Indicators

Designed to release when the harness has been subjected to an impact loading from a fall. If the Fall indicator is broken, discard and destroy the harness.

Lanyard Keepers

Lanyard keepers for safely attaching and resting a lanyard. Designed to release lanyard when 25kg or more force is applied.





Fall Arrest Extension Strap

Extension Strap is attached to the rear D of a harness to allow users to attach a lanyard at waist level saving time.

Aluminum Quick Buckles

Suspension Trauma Straps

The Suspension Trauma Strap is designed to prevent suspension trauma while a worker is awaiting rescue.



*Note: Endure Guard Webbing provides liquid protection against Oil, Dirt & Water with added abrasion resistance.

AirLite Shoulder, waist & leg padding

AirLite padding with breathable foam and fabric allowing supreme comfort and increased air flow during long periods of use. Fitted to the shoulders, waist and legs with reflective stripes.

CE EN 361:2002
EN 358:2018

Used in Industry

EPIC FULL BODY HARNESS

AFH300401 Riggers Harness

5-Point Adjustment | 2-Point Attachment

FEATURES

- AirLite shoulder padding
- Aluminum Rear Dorsal D-Ring and Front Fall arrest D-Ring
- Fall arrest extension strap
- Fall indicators
- Lanyard Keepers
- Suspension trauma straps
- Aluminum quick connect buckles
- Confined Space Loops
- Endure guard webbing
- Adjustable shoulder, chest and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components - Aluminum
- Padding- Comfort pad made up of Air mesh Insushield and Matty

M-L | kgs 1.787 kg | 140 kg

CE EN 361:2002
EN 1497:2007

Used in Industry



AFH300402 Construction Harness

6-Point Adjustment | 3-Point Attachment

FEATURES

- AirLite Padding
- Aluminum Rear Dorsal D-Ring and Front Fall arrest D-Ring
- Fall arrest extension strap
- Fall indicators
- Lanyard Keepers
- Suspension trauma straps
- Aluminum quick connect buckles
- Work positioning waist belt with side D-Rings
- Confined Space Loops
- Endure guard webbing
- Adjustable shoulder, chest, waist and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components - Aluminum
- Padding- Comfort pad made up of Air mesh Insushield and Matty

M-L | kgs 2.227 kg | 140 kg

CE EN 361:2002
EN 358:2018
EN 1497:2007

Used in Industry



EPIC FULL BODY HARNESS

AFH300403 Wind Harness

6-Point Adjustment | 3-Point Attachment

FEATURES

- AirLite Padding
- Aluminum Rear Dorsal D-Ring and Front Fall arrest D-Ring
- Limited Fall Arrest D-Ring on the front waist belt
- Fall indicators
- Lanyard Keepers
- Suspension trauma straps
- Aluminum quick connect buckles
- Work positioning waist belt with side D-Rings
- Confined Space Loops
- Endure guard webbing
- Adjustable shoulder, chest, waist and leg straps
- Rear Plate provides the harness and the wall of the turbine from damage whilst climbing

MATERIAL

- Webbing- Polyester
- Metal Components - Aluminum
- Padding- Comfort pad made up of Air mesh Insushield and Matty

M-L | kgs 2.266 kg | 140 kg

CE EN 361:2002 EN 358:2018 EN 1497:2007

Used in Industry



AFH300404 Rescue Harness

6-Point Adjustment | 4-Point Attachment

FEATURES

- AirLite Padding
- Aluminum Rear Dorsal D-Ring, Front Fall arrest D-Ring and Ventral D-Ring
- Aluminum quick connect buckles
- Work positioning waist belt with side D-Rings & Gear Loops
- Endure guard webbing
- Suitable for Retrofit Croll
- Adjustable shoulder and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components - Aluminum
- Padding- Comfort pad made up of Air mesh Insushield and Matty

M-L | kgs 2.364 kg | 140 kg

CE EN 361:2002 EN 358:2018 EN 813:2008

Used in Industry



EPIC FULL BODY HARNESS

AFH300404C Rescue Harness with CROLL

6-Point Adjustment | 4-Point Attachment

FEATURES

- AirLite Padding
- Aluminum Rear Dorsal D-Ring, Front Fall arrest D-Ring and Ventral D-Ring
- Aluminum quick connect buckles
- Work positioning waist belt with side D-Rings & Gear Loops
- Endure guard webbing
- Equipped with an integrated CROLL ventral rope clamp on the ventral attachment point for greater efficiency and freedom of movement in rope ascent
- Adjustable shoulder and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components - Aluminum
- Padding- Comfort pad made up of Air mesh Insushield and Matty

M-L | kgs 2.549 kg | 140 kg

CE EN 361:2002
EN 358:2018
EN 813:2008

Used in Industry



AFH300405 Tower Harness

6-Point Adjustment | 4-Point Attachment

FEATURES

- AirLite Padding
- Aluminum Rear Dorsal D-Ring and Front Fall arrest D-Ring
- Fall arrest extension strap
- Fall indicators
- Lanyard Keepers
- Suspension trauma straps
- Aluminum quick connect buckles
- Work positioning waist belt with side D-Rings
- Removable Work positioning seat with extended pole D-Ring
- Confined Space Loops
- Endure guard webbing
- Adjustable shoulder, chest, waist and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components - Aluminum
- Padding- Comfort pad made up of Air mesh Insushield and Matty

M-L | kgs 3.064 kg | 140 kg

CE EN 361:2002
EN 358:2018
EN 1497:2007

Used in Industry



EPIC FULL BODY HARNESS

AFH300409 Derrickman's Harness

6-Point Adjustment | 4-Point Attachment

FEATURES

- AirLite Padding
- Extension Strap with Large rear fall arrest D-ring
- Front Fall Arrest D-Ring
- Aluminum Quick Buckle on Chest Strap
- Integrated Monkey Board Attachments
- Work Positioning Belt with side D Rings and rear Restraint D-Ring
- Seat Sling with positioning/suspension D-rings
- Tongue & Buckle adjustable waist and leg straps
- Confined space/retrieval attachment points
- Suspension Trauma Straps
- Impact Fall Indicator
- Endure coated Oil, Dust & Water repellent webbing
- Label / Instruction pouch

MATERIAL

- Webbing- Polyester
- Metal Components - Aluminum & Stainless
- Padding- Comfort pad made up of Air mesh Insushield and Matty



M-L | kgs 3.3 kg | 140 kg

ANSI Z359.11-2014 | EN 1497:2007 | Used in Industry

AFH300410 Derrickman's Lite Harness

6-Point Adjustment | 4-Point Attachment

FEATURES

- Extension Strap with Large rear fall arrest D-ring
- Front Fall Arrest D-Ring
- Integrated Monkey Board Attachments
- Lanyard Keepers
- Work Positioning Belt with side D Rings and rear Restraint D-Ring
- Seat Sling with positioning/suspension D-rings
- Tongue & Buckle adjustable waist and leg straps
- Confined space/retrieval attachment points
- Suspension Trauma Straps
- Impact Fall Indicator
- Endure coated Oil, Dust & Water repellent webbing
- Label / Instruction pouch

MATERIAL

- Webbing- Polyester
- Metal Components - Aluminum & Stainless
- Padding- Comfort pad made up of Air mesh Insushield and Matty



M-L | kgs 3.1 kg | 140 kg

ANSI Z359.11-2014 | EN 1497:2007 | Used in Industry

EPIC FULL BODY HARNESS

AFH300411TB Miners Harness

6-Point Adjustment | 3-Point Attachment

FEATURES

- Aluminum Front & Rear Fall Arrest D Rings
- Adjustable Shoulder, Chest and Leg straps
- Aluminum Quick Release Buckles on chest
- Breathable Shoulder Padding
- Heavy duty Leather Waist belt with felt insert to attach a battery lamp or self rescuer
- Tongue and Buckle legs straps
- Confined Space Loops
- Rear Extension Strap
- Fall Arrest Indicator Tags
- Lanyard Keepers
- Suspension Trauma Straps
- Label / Instruction Pouch
- Endure Guard Webbing



MATERIAL

- Webbing- Polyester
- Metal Components - Aluminum, Steel and Stainless
- Padding- Comfort pad made up of Air mesh Insushield
- Leather Belt with Felt insert

M-2XL | kgs 3.3 kg | 140 kg

ANSI Z359.11-2021 | CE EN 1497:2007 | Used in Industry

AFZ190001 Monkey Board Belt

FEATURES

- The belt has a large frontal pad providing extra comfort while positioning drilling pipes.
- Monkey board belt with mating buckles to attach directly to AFH300409 & AFH300410 Harnesses
- Two large Steel front D-Rings provide work positioning options
- Compact and lightweight



MATERIAL

- Webbing- Polyester
- Metal Components - Alloy Steel
- Padding- polyester and nylon

M-L | kgs 2.0 kg | 140 kg

ANSI Z359.11-2014 | Used in Industry

* Harness not supplied (Illustration only)

EPIC FULL BODY HARNESS

AFX201023 Bosun's Chair

FEATURES

- A rigid board design with cushioned seat
- Side attachment points to support a range of tools
- Suspension D-rings to attach to the harness
- Compact and lightweight design
- Endure coated Oil & Water repellent webbing
- Rated to 140kg



MATERIAL

- Webbing: Endure Guard Coated Polyester 44mm wide
- Base: Birch Plywood
- Cushion: Microfibre & Foam
- D-Ring: Aluminum Black Anodized
- Fittings: Steel Galvanized

M-L | kgs 4.3 kg | 140 kg

ANSI Z359.11-2014 | Used in Industry

ELITE FULL BODY HARNESS

Elite Range

KStrong Elite has been designed with the Users safety in mind. Its been ergonomically designed to ensure comfort and practicality allowing the user to work freely and safely in all environments. It also has the Integrated Compass Asset Management feature located in the Label Pack.

FEATURES

Label Pack

Label Pack providing protection for Harness labels, instructions & QR code directing to Compass Asset Management portal.

Lanyard Keepers

Specially designed breakaway lanyard keepers for safely attaching and resting a lanyard. Designed to release lanyard when 25kg or more force is applied.

High Tensile ED Coated Steel Fittings



Fall Arrest Extension Strap

Extension strap is attached to the rear D-ring of a harness to allow users to attach a lanyard at waist level saving time.

Front Fall Arrest Steel D-ring

Front Fall Arrest Attachment point allowing easy connection to the fall arrest System.

Confined Space Rescue Loops

Confined space and rescue/ retrieval applications.

Rear Dorsal Steel D-Ring

Fall Arrest Attachment point allowing easy connection to the fall arrest System.

Fall Indicators

Designed to release when the harness has been subjected to a impact loading from a fall. If the Fall indicator is broken, discard and destroy the harness.

Sub Pelvic Strap

Sub Pelvic strap helps distribute body weight evenly across the legs and pelvis and prevents any possibility of peeling out of the harness during a fall.



cross section of webbing

*Note: High tenacity Polyester Dope dyed yarn providing Increased strength and protection against UV and Abrasion. Colour contrasted for ease of identification.

CE EN 361:2002
EN 358:2018

Used in Industry

ELITE FULL BODY HARNESS

AFH300203

5-Point Adjustment | 2-Point Attachment

FEATURES

- Confined space rescue loops
- Attachment points on Rear D-Ring and Front Fall arrest D-Ring
- 300mm Extension Strap
- Lanyard Keepers
- Fall indicators
- Adjustable shoulder, chest and leg straps



MATERIAL

- Webbing- Polyester
- Metal Components - ED Coated Steel

M-L | kgs 1.23 kg | 140 kg

CE EN 361:2002 EN 1497:2007

Used in Industry

AFH300204

5-Point Adjustment | 3-Point Attachment

FEATURES

- Confined space rescue loops
- Attachment points on Rear D-Ring and Front Fall arrest D-Ring with two additional D-Ring attachment points
- Fall indicators
- Adjustable shoulder, chest and leg straps



MATERIAL

- Webbing- Polyester
- Metal Components - ED Coated Steel

M-L | kgs 1.54 kg | 140 kg

CE EN 361:2002 EN 1497:2007

Used in Industry

ELITE FULL BODY HARNESS

AFH300206

5-Point Adjustment | 2-Point Attachment

FEATURES

- Elasticated webbing in the upper part for more comfort and impact resistance
- Confined space rescue loops
- Attachment points on Rear D-Ring and Front Fall arrest D-Ring
- Lanyard Keepers
- Fall indicators
- Adjustable shoulder, chest and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components - ED Coated Steel



M-L | kgs 1.23 kg | 140 kg

CE EN 361:2002
EN 1497:2007

Used in Industry

AFH300251

6-Point Adjustment | 3-Point Attachment

FEATURES

- Confined space rescue loops
- Attachment points on Rear D-Ring and Front Fall arrest D-Ring
- 300mm Extension Strap
- Lanyard Keepers
- Fall indicators
- Adjustable shoulder, chest, waist and leg straps
- Padded work positioning waist belt with side D-Rings



MATERIAL

- Webbing- Polyester
- Metal Components - ED Coated Steel
- Padding- Comfort pad made up of mesh Insushield and Matty

M-L | kgs 1.97 kg | 140 kg

CE EN 361:2002
EN 358:2018
EN 1497:2007

Used in Industry

ELITE FULL BODY HARNESS

AFH300207

4-Point Adjustment | 2-Point Attachment

FEATURES

- Attachment points on Rear D-Ring and Front Fall arrest D-Ring
- Adjustable shoulder and leg straps
- Rear sit strap

MATERIAL

- Webbing- Polyester
- Metal Components - ED Coated Steel



M-L | kgs 1.21 kg | 140 kg

CE EN 361:2002
EN 1497:2007

Used in Industry

AFH300215

6-Point Adjustment | 4-Point Attachment

FEATURES

- Attachment points on Rear D-Ring, Front and Ventral Fall arrest D-Rings
- Adjustable shoulder and leg straps
- Padded work positioning waist belt with side D-Rings

MATERIAL

- Webbing- Polyester
- Metal Components - ED Coated Aluminum & Steel
- Padding- Comfort pad made up of mesh Insushield and Matty



M-L | kgs 2.876 kg | 140 kg

CE EN 361:2002
EN 358:2018
EN 813:2008

Used in Industry

ESSENTIAL FULL BODY HARNESS

Essential Range

KStrong Essential Range has been designed to meet the customer's needs. It is one of the most Versatile, Lightweight and comfortable harnesses developed in the market today. The design maintains the shape of the harness, making it easier to fit the harness. It also has the Integrated Compass Asset Management feature located in the Label Pack.

FEATURES



Front Fall arrest loops
Front Fall Arrest attachment points.

Adjustable Chest, Waist & Leg Straps
Adjustable Chest, Waist & leg straps allowing the user to don and remove the harness with Ease.

Side D-Rings
High Tensile Steel D-Rings - Used for work Positioning.

High Tensile Steel Fittings
High Tensile Steel Fittings.

Rear D-Ring
Fall Arrest Attachment point allowing easy connection to the fall arrest System.

Label Pack
Label Pack providing protection for labels and instructions for the harness.

Waist Padding with Side D-Rings
Waist padding with increased comfort allowing long periods of use.

Sub Pelvic Strap
Sub Pelvic strap helps distribute body weight evenly across the legs and pelvis and prevents any possibility of peeling out of the harness during a fall.



Cut Webbing

*Note: High tenacity Polyester Dope dyed yarn providing Increased strength and protection against UV and Abrasion. Colour contrasted for ease of identification.

CE EN 361:2002
EN 358:2018

Used in Industry

ESSENTIAL FULL BODY HARNESS

AFH300051

5-Point Adjustment | 1-Point Attachment

FEATURES

- Attachment point on Rear D-Ring
- Adjustable chest, Shoulder and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components- ED Coated Aluminum & Steel



M-L | kgs 0.965 kg | 140 kg

CE EN 361:2002 | Used in Industry

AFH300054

5-Point Adjustment | 2-Point Attachment

FEATURES

- Attachment point on Rear D-Ring
- Fall Arrest Chest D-Ring
- Adjustable chest, Shoulder and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components - Steel



M-L | kgs 1.118 kg | 140 kg

CE EN 361:2002 | Used in Industry

ESSENTIAL FULL BODY HARNESS

AFH300058

6-Point Adjustment | 3-Point Attachment

FEATURES

- Attachment points on Rear D-Ring and Front webbing loops
- Padded work positioning waist belt with side D-Rings
- Adjustable chest, Shoulder, waist and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components - Steel
- Padding- Comfort pad made up of mesh Insushield and Matty



M-L | kgs 1.527 kg | 140 kg

CE EN 361:2002 | Used in Industry



ELEMENT FULL BODY HARNESS

KStrong ElectWorX range has been designed with Non Conductive fittings allowing use where there are possible electrical hazards. Ideally used in Utilities, overhead Line teams on live wires protecting the user from Electrical discharge.

AFH300706

5-Point Adjustment | 2-Point Attachment

FEATURES

- Attachment points on Rear D-Ring and Front webbing loops
- Lanyard keepers
- Coated hardware for dielectric property 20kV
- Adjustable shoulder, chest and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components - Steel core with reinforced Polymer
- molded (20kV Dielectric)



M-L | kgs 1.90 kg | 140 kg

CE EN 361:2002 | Used in Industry

AFH300707

5-Point Adjustment | 3-Point Attachment

FEATURES

- Attachment points on Rear D-Ring, Lateral and Front webbing loops
- Lanyard keepers
- Coated hardware for dielectric property 20kV
- Padded work positioning belt with side D-Rings
- Adjustable shoulder, chest, waist and leg straps

MATERIAL

- Webbing- Polyester
- Metal Components - Steel core with reinforced Polymer molded (20kV Dielectric)
- Padding- Comfort pad made up of mesh Insushield and Matty



M-L | kgs 2.243 kg | 140 kg

CE EN 361:2002 EN 358:2018 | Used in Industry

ELEMENT FULL BODY HARNESS

KStrong ExtremeWorX harnesses have been designed to be used in the most hostile conditions whilst protecting the user. Ideally used in Offshore, Petrochemical Industry, Water Treatments plants and Food processing Industries. The Endure guard coating protects the webbing against oil, water, & dirt, as well as enhancing the abrasion resistant properties of the webbing. All harnesses are supplied with stainless steel hardware which provides excellent corrosion resistance.

AFH300704

5-Point Adjustment | 2-Point Attachment

FEATURES

- Attachment points on Rear D-Ring and Front D-Ring
- Lanyard Keepers
- Endure Guard Webbing provides liquid protection against Oil, Dirt & Water with added abrasion resistance
- Adjustable shoulder, chest and leg straps
- Rescue Loops in shoulder pads

MATERIAL

- Webbing- Endure Coated Polyester webbing
- Metal Components - Stainless Steel

M-L | kgs 1.44 kg | 140 kg

CE EN 361:2002
EN 1497:2007

Used in Industry



AFH300705

5-Point Adjustment | 3-Point Attachment

FEATURES

- Attachment points on Rear D-Ring and Front D-Ring
- Lanyard Keepers
- Endure Guard Webbing provides liquid protection against Oil, Dirt & Water with added abrasion resistance
- Padded work positioning belt with side D-Rings
- Rescue loops in shoulder pad
- Adjustable shoulder, chest, waist and leg straps

MATERIAL

- Webbing- Endure Coated Polyester webbing
- Metal Components - Stainless Steel
- Padding- Comfort pad made up of mesh Insushield and Matty

M-L | kgs 1.88 kg | 140 kg

CE EN 361:2002
EN 358:2018
EN 1497:2007

Used in Industry



ELEMENT FULL BODY HARNESS

KStrong HotWorX harnesses have been designed to be used in the most hostile conditions whilst protecting the user. Ideally used in Construction, Heavy Industry or where the users are exposed to flame, heat, molten materials or weld splatter whilst working at heights.

The Aramid webbing and FR Webbing has been developed to enhance the heat resistance properties as well as providing improved strength & cut resistant properties, protecting the user in these environments whilst welding.

AFH300701

5-Point Adjustment | 2-Point Attachment

FEATURES

- Attachment points on Rear D-Ring and Front webbing loops
- Lanyard Keepers
- Webbing with enhanced heat resistance, improved strength and cut resistant properties
- Adjustable shoulder, chest and leg straps



MATERIAL

- Webbing- Para-Aramid Fiber
- Metal Components - ED Coated Alloy Steel

M-L | kgs 1.26 kg | 140 kg

CE EN 361:2002
EN ISO 9150:1988
EN ISO 15025:2002
EN 1497:2007

Used in Industry

AFH300702

4-Point Adjustment | 3-Point Attachment

FEATURES

- Attachment points on Rear D-Ring and Front webbing loops
- Lanyard keepers
- Webbing with enhanced heat resistance, improved strength and cut resistant properties
- Padded work positioning belt with side D-Rings
- Adjustable shoulder, chest, waist and leg straps



MATERIAL

- Webbing- Para-Aramid Fiber
- Metal Components - ED Coated Alloy Steel

M-L | kgs 1.835 kg | 140 kg

CE EN 361:2002
EN 358:2018
EN ISO 9150:1988
EN ISO 15025:2002
EN 1497:2007

Used in Industry

ELEMENT FULL BODY HARNESS

AFH300708TB Miners

6-Point Adjustment | 3-Point Attachment

FEATURES

- Flame Resistant Webbing
- Aluminum Front & Rear Fall Arrest D Rings
- Adjustable Shoulder, Chest and Leg straps
- Aluminum Quick Release Buckles
- Breathable Shoulder Padding
- Heavy duty Leather Waist belt with felt insert to attach a battery lamp or self rescuer
- Tongue and Buckle legs straps
- Confined Space Loops
- Rear Extension Strap
- Fall Arrest Indicator Tags
- Lanyard Keepers
- Suspension Trauma Straps
- Label / Instruction Pouch



MATERIAL

- Webbing- Flame Resistant
- Metal Components - Aluminum Alloy & Stainless Steel
- Padding - FR treated & Leather Belt with Felt insert

M-L | kgs 2.74 kg | 140 kg

ANSI Z359.11-2021 | CE EN 1497:2007 | Used in Industry

KStrong AtexWorX harnesses have been designed to be used in potentially explosive atmospheres whilst protecting the user. Ideally used in Mining, Petrochemical industries & Confined Space where there is need to prevent any electrostatic discharge igniting the explosive atmosphere.

AFH300703

5-Point Adjustment | 2-Point Attachment

FEATURES

- Attachment points on Rear D-Ring and Front webbing loops
- Lanyard keepers
- Extension Strap
- Antistatic webbing
- Adjustable shoulder, chest and leg straps



MATERIAL

- Webbing- Anti-Static Polyester
- Metal Components - Stainless Steel

M-L | kgs 1.39 kg | 140 kg

CE EN 361:2002, EN 1149-1:2006, EN 1149-5:2008, EN 1497:2007 | Ex II 2 G ATEX 2014/34/EU | Used in Industry

Miners Waist Belts

Miner's Heavy duty Leather Waist belt to attach a battery lamp or self rescuer.



AFZ120025

FEATURES

- Leather construction for extreme mining environments
- Comfortable fit with padded lining & ergonomic design
- D-rings for tool attachment
- Adjustable waist

MATERIAL

- Waist Pad - Leather (Black) Water Resistant, Thickness 4 mm
- Felt Insert
- Fittings - Stainless Steel

M-XXL | kgs 1.07 kg

Used in Industry

Miner's Heavy duty Leather Waist belt to attach a battery lamp or self rescuer with detachable shoulder straps



AFZ120026

FEATURES

- Leather construction for extreme mining environments
- Comfortable fit with padded lining & ergonomic design
- D-rings for tool attachment
- Detachable shoulder straps for additional support when required
- Adjustable shoulders, waist and chest
- Having reflective tape on the shoulder straps for high visibility

MATERIAL

- Waist Pad: Leather (Black) Water Resistant, Thickness 4 mm
- Felt Insert
- Webbing: Polyester 44 mm
- Fittings: Stainless Steel & Plastic

M-XXL | kgs 1.4 kg

Used in Industry

Suspension Trauma Straps

AFZ150100

FEATURES

- Suspension Trauma Straps are designed to avoid the effect of Suspension Trauma.
- Compact and light weight without hampering the activity of the User.
  Allows the suspended worker to stand up in their harness to relieve pressure after falling.
- Easy to attach to the Harness and easy to deploy.

Harnesses fitted with
Suspension Trauma Strap on request.



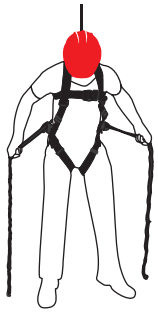


kgs 0.06 kg

Steps to Use



Unzip the pouches fitted on both sides of the harness.



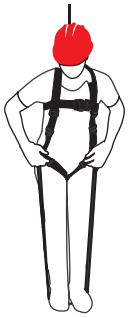
Hold the 2 straps together.



connect the straps with each other making a loop with the help of the easy-to-use buckle.



Put your feet into the loop.



Stand onto the loop, so that the thigh straps are free to move.



Adjust the sit strap towards the front to release pressure and give a sitting posture.

Lanyard Keepers

AFZ190176



Retrofit Lanyard Keepers for EPIC & ELEMENT Harnesses

AFZ190177



Retrofit Lanyard Keepers for ELITE Harnesses

Roof Workers Kit

AFK110009

FEATURES

- Flexible system allowing the user to setup various fall protection systems whilst working safely on a roof.
- Allowing users to work on all types of roofs in domestic, commercial and industrial working applications.
- Kit includes: Roofers Harness, 20M Rope Line c/w Rope Grab and Energy Absorber, Anchor Strap & back pack style dry bag.



MATERIAL

- Harness Components - Webbing Polyester & Galvanised Steel
- Rope Line - 12mm Kernmantle Rope
- Rope Grab & Shock Absorber - Steel Galvanised 15kN & Polyester Webbing
- Karabiners - Steel Galvanised 25kN
- Anchor Sling 1.5m - Polyester Webbing 23kN
- Bag- PVC 30L

kgs 5.71 kg + 0.50 kg

CE EN 361:2002
EN 353-2-2002
EN795:2012 Type B
EN362:2004 Class B

Used in Industry



LANYARDS



What is a Lanyard?

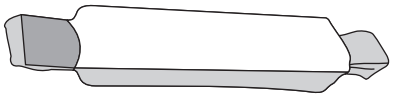
A Lanyard is the connecting element in a fall protection system between a Harness and an Anchorage Point. They can be used in Fall arrest or Restraint depending on the application and the products selected for the Task.

What is a Fall Arrest Lanyard?

The Fall Arrest Lanyards incorporate a Shock Absorbing element which is designed to arrest a fall whilst limiting the force felt on the body of the worker to less than 6kN.

Understanding an Energy Absorber

By incorporating an Energy Absorber in the lanyard, the forces that are felt on the body of the worker in the event of a fall have been reduced to under 6kN whilst arresting the fall. The Energy Absorber is an essential component of the connecting system and must be included in a complete Fall Arrest System.



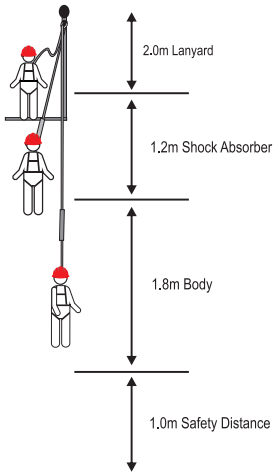
Minimum Fall Clearance Distance Required when using an Energy Absorbing Lanyard

Understanding the fall clearance distance when working at a height is critical when using an appropriate Fall Protection System.

When anchored vertically above the head level, the length of the Lanyard used and the elongation of the Energy Absorber which occurs in the event of a fall, become two important factors to determine the fall clearance.

Always check for the minimum Fall clearance distance so that the risk of hitting an obstacle below is eliminated. In the worst case where the user has climbed above the point of anchorage, has a free fall of 4.0mtrs before the Lanyard has been activated, the minimum clearance required is 6.0 meters below the anchorage.

The Fall clearance is the required distance from the anchorage point to the Ground to ensure the user is safe if a fall is to occur.



Allowed fall arrest distance = 2L + 1.75
(where L = length of lanyard)

There are certain important factors which should be considered while using the lanyard for the purpose of Fall Arrest

- Before using a lanyard, it is mandatory to inspect it for any damages, cuts, and burns.
- The lanyard should never, in any case, be wrapped around any anchor point, and then attached back on itself. In doing so, the lanyard could suffer a “choke-effect”, making it vulnerable to break.
- Never use the lanyard as a means of suspension. It is only a connecting element between the worker and his anchorage.
- Never use two single lanyards to create a forked lanyard, or to increase the length of the lanyard.



Total length of Lanyard
should not exceed 2.0m

What is Restraint Lanyard?

Restraint Lanyards are a part of the Restraint System which have been designed to remove the risk of falls by limiting the User from reaching an exposed edge.

Since there is no fall that occurs in a “Fall Restraint System” the Restraint Lanyards do not have any shock absorption element incorporated in them. It is therefore mandatory to ensure that Fall Restraint Lanyards are never used for the purpose of fall arrest.

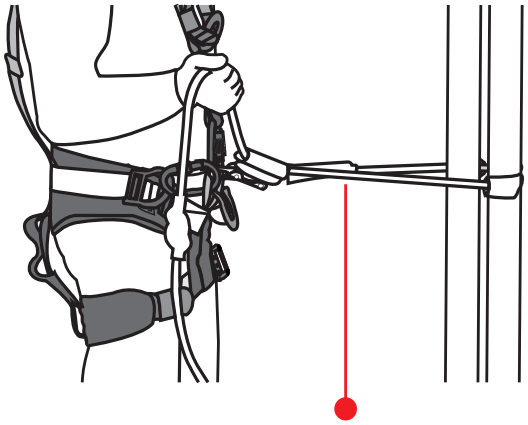
What is a Work Positioning Lanyard?

Work Positioning lanyards are designed to hold the user in restraint, so a fall cannot occur, or to hold the user in a position of work where a fall may occur whilst allowing the user to work hands-free.

It is used by connecting the two ends of the Lanyard to the two Lateral D-rings on the work positioning belt of the harness of the user. The Length can be easily adjusted to suit the application.

It is important to note that a Work Positioning System is not Fall Protection Equipment.

It is mandatory to use specific Fall Arrest Lanyards and other such equipment along with Work Positioning Systems to ensure Safety of the worker at a height.



Work Positioning Lanyard

Lanyards

KStrong has developed a range of Lanyards to accommodate the user’s requirements ensuring they choose the correct lanyard for the job required.

KStrong Lanyards can be arranged into the following categories:

1. Shock Absorbing Lanyards : Shock Absorbing element which is designed to arrest a fall whilst limiting the force felt on the body of the worker to less than 6kN.
2. Leading Edge Shock Absorbing Lanyards : KStrong has developed a range of Leading Edge Kernmantle Rope lanyards to ensure the User is protected when working near sharp edges on Roofs or structures.
3. Work positioning lanyards : Work Positioning lanyards are designed to hold the user in restraint, so a fall cannot occur, or to hold the user in a position of work where a fall may occur whilst allowing the user to work hands-free.
4. Restraint Lanyards : Restraint Lanyards are a part of the Restraint System which have been designed to remove the risk of falls by limiting the User from reaching an exposed edge.

EPIC | Lanyards

KStrong Epic Lanyards have been designed to accommodate a range of applications, allowing the user to work freely and safe in all environments. Designed to lightweight using Aluminum Snap & Scaffold Hooks, ranging from standard Shock Absorbing to Elasticated Webbing Lanyards. All Epic Shock Absorbing Lanyards are rated to 140kg.

Used in Industry

EPIC Shock Absorbing Elasticated Lanyards

AFL408226



140 kg

AFL408266



140 kg

AFL408381



140 kg

TECHNICAL SNAPSHOT

Product Code	AFL408226	AFL408266	AFL408381
Material	Elasticated Webbing	Elasticated Webbing	Elasticated Webbing
Anchorage Attachment	Aluminum Snap Hook	Aluminum Scaffold Hook	Aluminum Scaffold Hooks
Connecting Attachment	Aluminum Snap Hook	Aluminum Snap Hook	Aluminum Snap Hook
Webbing Width	25.0 mm	25.0 mm	25.0 mm
Expanded Length	1.8 m	1.8 m	1.8 m
Relaxed Length	1.4 m	1.4 m	1.4 m
Certification	EN 355:2002	EN 355:2002	EN 355:2002 VG11 RfU
Weight	0.74 kg	1.08 kg	1.78 kg

*Note: Anodizing Colours may vary

EPIC | Lanyards

Used in Industry

EPIC Shock Absorbing Lanyards

AFL401150



140 kg

AFL401160



140 kg

AFL406650



140 kg

TECHNICAL SNAPSHOT

Product Code	AFL401150	AFL401160	AFL406650
Material	Polyester	Polyester	Polyester
Anchorage Attachment	Aluminum Snap Hook	Aluminum Scaffold Hook	Aluminum Scaffold Hooks
Connecting Attachment	Aluminum Snap Hook	Aluminum Snap Hook	Aluminum Snap Hook
Webbing Width	30.0 mm	30.0 mm	30.0 mm
Length	1.8 m	1.8 m	1.8 m
Certification	EN 355:2002	EN 355:2002	EN 355:2002 VG11 RfU
Weight	0.79 kg	1.11 kg	1.77 kg

*Note: Anodizing Colours may vary

EPIC | Lanyards

Used in Industry

EPIC Work Positioning Lanyard 12mm Kernmantle Rope

AFL405301(PR)



AFL405351



TECHNICAL SNAPSHOT

Product Code	AFL405301(PR)	AFL405351
Material	Kernmantle Rope	Kernmantle Rope
Anchorage Attachment	Aluminum Snap Hook	Aluminum Snap Hook
Connecting Attachment	Aluminum Adjuster & Karabiners	Aluminum Adjuster & Karabiners
Rope Diameter/ Webbing Width	12.0 mm	12.0 mm
Length	2.0 m	2.0 m
Certification	EN 358:2018 & EN 795 Class B	EN 358:2018
Weight	0.66 kg	0.75 kg

*Note: Anodizing Colours may vary

ELITE | Lanyards

KStrong Elite Lanyards have been designed to accommodate a range of applications, ranging from Leading Edge Rope Lanyards offering extra protection when working near an edge, to the Elasticated Webbing Lanyards allowing the webbing to reduce the overall length when not in use, preventing the user to trip or Snag the lanyard. All Elite Shock Absorbing Lanyards are rated to 140 kg.

Used in Industry

Elite Shock Absorbing Lanyards Webbing

AFL408131



140 kg

AFL408141



140 kg

AFL408612



140 kg

TECHNICAL SNAPSHOT

Product Code	AFL408131	AFL408141	AFL408612
Material	Polyester	Polyester	Polyester
Anchorage Attachment	Steel Snap Hook	Steel Scaffold Hook	Steel Scaffold hooks
Connecting Attachment	Steel Snap Hook	Steel Snap Hook	Steel Snap Hook
Webbing Width	30.0 mm	30.0 mm	30.0 mm
Length	1.8 m	1.8 m	1.8 m
Certification	EN 355:2002	EN 355:2002	EN 355:2002 VG11 RfU
Weight	0.94 kg	1.21 kg	1.76 kg

ELITE | Lanyards

Used in Industry

ELITE Elasticated Shock Absorbing Lanyards

AFL408283



140 kg

AFL408284



140 kg

AFL408389



140 kg

TECHNICAL SNAPSHOT

Product Code	AFL408283	AFL408284	AFL408389
Material	Polyester	Polyester	Polyester
Anchorage Attachment	Steel Snap Hook	Steel Scaffold hook	Steel Scaffold hooks
Connecting Attachment	Steel Snap Hook	Steel Snap Hook	Steel Snap Hook
Expended Length	1.8 m	1.8 m	1.8 m
Relexed Length	1.4 m	1.4 m	1.4 m
Certification	EN 355:2002	EN 355:2002	EN 355:2002 VG11 RfU
Weight	0.930 kg	1.23 kg	1.95 kg

ELITE | Lanyards

Used in Industry

ELITE Leading Edge Kernmantle Rope Shock Absorbing Lanyards

AFL402601



140 kg

AFL402611



140 kg

AFL402651



140 kg

TECHNICAL SNAPSHOT

Product Code	AFL402601	AFL402611	AFL402651
Material	Kernmantle Rope	Kernmantle Rope	Kernmantle Rope
Anchorage Attachment	Steel Snap Hook	Steel Scaffold Hook	Steel Scaffold hooks
Connecting Attachment	Steel Snap Hook	Steel Snap Hook	Steel Snap Hook
Rope Diameter	11 mm	11 mm	11 mm
Length	1.8 m	1.8 m	1.8 m
Certification	EN 355:2002	EN 355:2002	EN 355:2002 VG11 RfU
Weight	0.780 kg	1.325 kg	2.160 kg

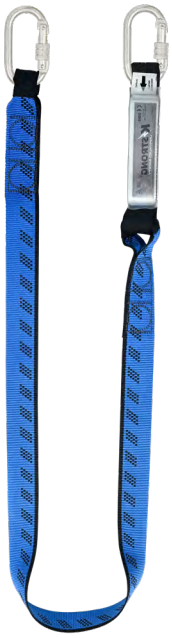
ESSENTIAL | Lanyards

KStrong Essential Lanyard Range has been designed as an economical range to meet the customer's needs. It is one of the most Versatile, Lightweight connecting elements available in the market today.

Used in Industry

ESSENTIAL Shock Absorbing Lanyards Webbing

AFL401111





AFL401140





AFL401070





TECHNICAL SNAPSHOT

Product Code	AFL401111	AFL401140	AFL401070
Material	Polyester Webbing	Polyester Webbing	Polyester Webbing
Anchorage Attachment	Steel Screw Locking Karabiner	Steel Scaffold Hook	Steel Scaffold Hooks
Connecting Attachment	Steel Screw Locking Karabiner	Steel Screw Locking Karabiner	Steel Screw Locking Karabiner
Webbing Width	44.0 mm	44.0 mm	44.0 mm
Length	1.8 m	1.8 m	1.8 m
Certification	EN 355:2002	EN 355:2002	EN 355:2002 VG11 RfU
Weight	0.675 kg	0.987 kg	1.607 kg

ESSENTIAL | Lanyards

Used in Industry

ESSENTIAL Shock Absorbing Lanyards
12mm Twisted Rope

AFL403111



AFL403611



TECHNICAL SNAPSHOT

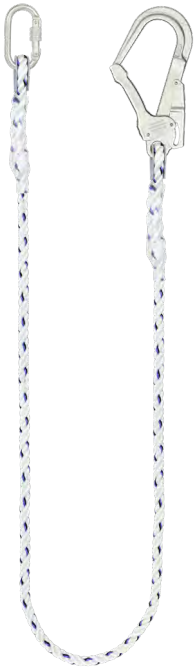
Product Code	AFL403111	AFL403611
Material	Twisted Rope	Twin Twisted rope
Anchorage Attachment	Steel Scaffold Hook	Steel Scaffold Hooks
Connecting Attachment	Steel Screw Locking Karabiner	Steel Screw Locking Karabiner
Rope Diameter/ Webbing Width	12.0 mm	12.0 mm
Length	1.8 m	1.8 m
Certification	EN 355:2002	EN 355:2002 VG11 RfU
Weight	1.22 kg	1.95 kg

ESSENTIAL | Lanyards

Used in Industry

ESSENTIAL Restraint Lanyards

AFL406151



140 kg

AFL406601



140 kg

AFL406341



140 kg

TECHNICAL SNAPSHOT

Product Code	AFL406151	AFL406601	AFL406341
Material	Twisted Rope	Twisted Rope	Polyester Webbing
Anchorage Attachment	Steel Scaffold Hook	Steel Scaffold Hooks	Steel Screw Locking Karabiner
Connecting Attachment	Steel Screw Locking Karabiner	Steel Screw Locking Karabiner	Steel Screw Locking Karabiner
Rope Diameter / Webbing Width	12.0 mm	12.0 mm	30.0 mm
Length	1.8 m	1.8 m	1.8 m
Certification	EN 354:2010	EN 354:2010 VG11 RfU	EN 354:2010
Weight	0.96 kg	1.75 kg	0.47 kg

ELEMENT | Lanyards

KStrong HotWorX Lanyards

KStrong HotWorX Lanyards have been designed to be used in the most hostile conditions whilst protecting the user. Ideally used in Construction, Heavy Industry or where the users are exposed to Flame, Heat, molten materials, or sparks whilst at heights.

The Para-Aramid webbing has been developed to enhance the heat resistance properties as well as providing improved strength & cut resistant properties, protecting the user in these environments whilst welding.

Used in Industry

AFL408701



140 kg

AFL408805



140 kg



TECHNICAL SNAPSHOT

Product Code	AFL408701	AFL408805
Material	Para-Aramid Fiber	Para-Aramid Fiber
Anchorage Attachment	Steel Snap Hook	Steel Scaffold Hooks
Connecting Attachment	Steel Snap Hook	Steel Snap Hook
Webbing width	44.0 mm	44.0 mm
Length	1.8 m	1.8 m
Certification	EN 355:2002 EN ISO 15025:2002 EN ISO 9150:1988	EN 355:2002 EN ISO 15025:2002 EN ISO 9150:1988 VG11 RfU
Weight	0.88 kg	1.86 kg

ELEMENT | Lanyards

KStrong AtexWorX Lanyards

KStrong AtexWorX Lanyards have been designed to be used in potentially explosive atmospheres whilst protecting the user. Ideally used in Mining, Petrochemical industries & Confined Space where there is need to prevent any electrostatic discharge igniting the explosive atmosphere.

Used in Industry

AFL408721



140 kg

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AFL408825



140 kg



TECHNICAL SNAPSHOT

Product Code	AFL408721	AFL408825
Material	Anti-static Polyester Webbing	Anti-static Polyester Webbing
Anchorage Attachment	Stainless Steel Scaffold Hook	Stainless Steel Scaffold Hook
Connecting Attachment	Stainless Steel Snap Hook	Stainless Steel Snap Hook
Webbing width	44.0 mm	44.0 mm
Length	1.8 m	1.8 m
Certification	EN 355:2002 ATEX 2014/34/EU EN ISO 80079-36:2016 EN ISO 80079-37:2016 EN 1149-1:2006 EN 1149-5:2008	EN 355:2002 ATEX 2014/34/EU EN ISO 80079-36:2016 EN ISO 80079-37:2016 EN 1149-1:2006 EN 1149-5:2008 VG11 RfU
Weight	1.11 kg	1.78 kg

ELEMENT | Lanyards

KStrong ElectWorX Lanyards

KStrong ElectWorx Lanyards have been designed to be used in conditions where there are possible electrical hazards. Ideally used in Utilities, overhead Line teams on live wires protecting the user from Electrical discharge.

Used in Industry

AFL401765



140 kg

AFL401865



140 kg



TECHNICAL SNAPSHOT

Product Code	AFL401765	AFL401865
Material	Polyester Webbing	Polyester Webbing
Anchorage Attachment	Dielectric 20kV Scaffold Hook	Dielectric 20kV Scaffold Hooks
Connecting Attachment	Dielectric Snap Hook	Dielectric Snap Hook
Webbing width	30.0 mm	30.0 mm
Length	1.8 m	1.8 m
Certification	EN 355:2002	EN 355:2002 VG11 RfU
Weight	1.39 kg	2.10 kg

ELEMENT | Lanyards

KStrong ExtremeWorX Lanyards

Used in Industry

KStrong ExtremeWorX Lanyards have been designed to be used in the most hostile conditions whilst protecting the user. Ideally used in Offshore, Petrochemical Industry, Water Treatments plants and Food processing Industries. The Endure guard coating protects the webbing against oil, water, & dirt, as well as enhancing the abrasion resistant properties of the webbing. All lanyards are supplied with stainless steel hardware providing excellent corrosion resistance.



AFL408741



AFL408845



TECHNICAL SNAPSHOT

Product Code	AFL408741	AFL408845
Material	Endure Coated Polyester webbing	Endure Coated Polyester webbing
Anchorage Attachment	Stainless Steel Snap Hook	Stainless Steel Scaffold Hooks
Connecting Attachment	Stainless Steel Snap Hook	Stainless Steel Snap Hook
Webbing width	44.0 mm	44.0 mm
Length	1.8 m	1.8 m
Certification	EN 355:2002 EN 354:2010 CNB/P/11.063	EN 355:2002 EN 354:2010 VG11 RfU CNB/P/11.063
Weight	1.10 kg	1.78 kg

RETRACTABLE FALL ARRESTER BLOCKS



BRUTE SERIES

KStrong offers a full range of Self-Retracting lifelines & Rescue Retrieval solutions to meet the users requirement ensuring all variety of applications are covered. Whether the user is working in Construction, Utilities, Offshore, Maintenance or General industry and the installation is overhead, at foot-level or personally attached to the harness, Micron™ and BRUTE™ SRL's & Retrievals provide durable performance and reliability.

FEATURES

Pivoting Anchorage Loop
Allows the block to move slightly to minimize friction on the cable if the block is not well aligned.



High Impact Polymer Casing

Selector Pin for Block or Winch mode

Ergonomic carry handle allowing the user to transport the SRL with ease.

Snout for minimizing the accidental Locking consists of Snout which minimizes the accidental locking of the Block when the wire rope is released suddenly.

Integrated Retrieval Handle

Impact Indicator allows easy visual inspection to determine if the unit has experienced a fall by a user.

Galvanized Steel Swivel Hook provides corrosion resistance.

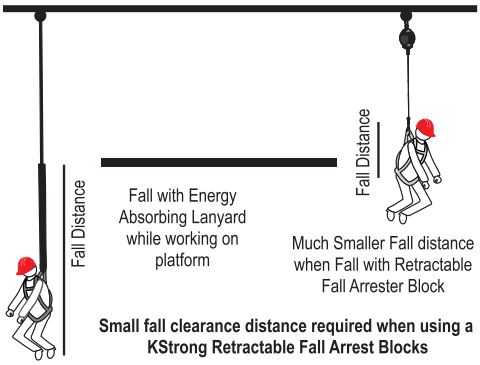
What is a Retractable Fall Arrester Block?

Retractable Fall Arrester Block is a vertical lifeline that is used as part of a complete fall arrest system. The lifeline, much like the seat and shoulder belt in a car, pulls out and retracts easily. Subjected to a quick jerk, however, an internal mechanism acts to engage a braking system. When the tension is released, the lifeline moves freely again. During a fall event, the internal braking system of the Block functions to disperse the energy of the fall over a short distance, thus limiting the force applied to a user's body.

Features of Retractable Blocks

- Can be anchored to a single point and allows the user to move uninhibited at different levels.
- Fall Arrest Block or SRL retracts or extends with the user when moving up or down.
- In the event of a fall the Fall Arrest Block locks immediately whilst reducing the applied force to less than 6kN.

Casing	:	Light Weight Durable Polymer Casing
Lock Mechanism	:	Unique centrifugal Braking Mechanism.
Applications	:	Ideal for Vertical use in various hazardous conditions for personnel weighing up to 140kg.
Retractable Life Line	:	Available in Stainless Steel wire, Webbing and Galvanized Iron(GI) wire rope.
Harness End Connector	:	Swivel Snap Hook with Load Indicator connector which indicates a warning line when a Fall has occurred.
Conformity	:	Tested and Certified EN 360:2023.



Small fall clearance distance required when using a KStrong Retractable Fall Arrest Blocks

Retractable Blocks are made of high impact strength polymer, to prevent breakage and is nearly indestructible. It can sustain any kind of impact which may be encountered in the toughest of conditions.



Retractable Blocks come with a unique swivel action of the Anchorage Eye. This prevents any undue twist of the user and subsequent injurious impact in the event of a fall.



Retractable Wire Rope Blocks are provided with a 'Holding Snout' made of soft Thermoplastic Elastomer

The Snout minimizes accidental locking of the Block when the wire rope is released suddenly:

The Holding snout provided dampens the impact experienced on the Block casing when the wire rope is released suddenly. This prevents the Block from locking accidentally in such cases, and hence allows for better usage.



Allows a safer and more comfortable grip on the wire rope when the Block is inspected for retraction and locking prior to use.



Carry Handle

KStrong Brute SRLs have been designed with an ergonomic carry handle allowing the user to transport the SRL with ease.

This special handle comes incorporated in the all Polymer casing, GI and Webbing lanyard Blocks of 3.5 m - 30 m size.



KStrong Tag Lines

KStrong Tag Lines have been designed to provide a way to retrieve a Self-Retracting Lifeline (SRL) that is out of reach when needed and to retract back into the housing safely without damaging the SRL when not in use.

Standard SRL Taglines

AFZ830013 (4m)



AFZ830025 (8m)



AFZ830050 (15m)



AFZ830100 (30m)



Sealed SRL Taglines c/w 4mm Kernmantle Rope with Stainless Steel fittings

AFZ830010 (10m)



AFZ830020 (20m)

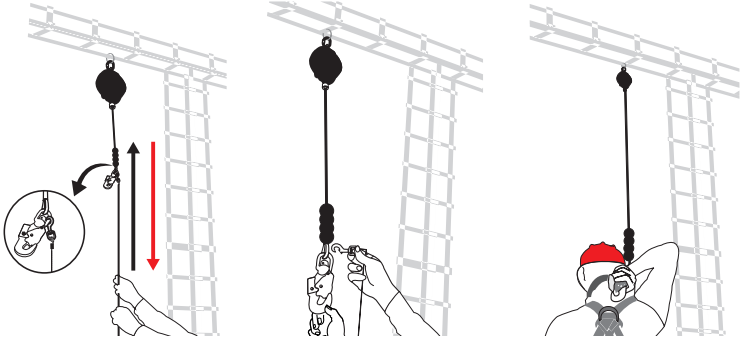


AFZ830028 (28m)



Pull Down the Lanyard of Block using the Tag Line

- The Retractable Block may lock if the Rope is suddenly released. Always use the Tag line.
- Always allow the retractable lanyard to recoil into the Block casing under control using the same Tag line.



Brute Sealed Blocks

Brute range of Sealed Blocks are designed specifically for the most extreme environments. The heavy duty sealed design, corrosion resistant material used in the Block ensures the critical working components are kept free of dirt, grease, water and chemicals.

Ideally suited for Oil and Gas, Sewage Plants and all Offshore areas.

- 4.8mm Diameter Retractable Stainless Steel Wire Rope provides corrosion resistance.
- Quick Lifeline Assembly- The only non-sealed portion of the block can easily be changed on site by a competent person. The wire rope can be changed quickly and easily with minimum tools.
- Sealed Design (meets IP69K as per ISO-20653, EN 60529) All critical parts of the block are sealed from contamination thereby increasing its reliability in harsh conditions.
- Vibration Test IEC 60068-2-6:2007

AFS570028



Pivoting Anchorage Loop Allows the block to move slightly to minimize friction on the cable if the block is not well aligned.

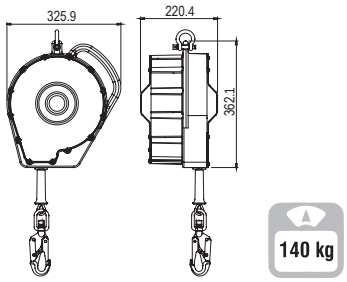
Ergonomic carry handle allowing the user to transport the SRL with ease.

Stainless Steel Cover for maximum durability in harsh environments.

Snout for minimizing the accidental Locking consists of Snout which minimizes the accidental locking of the Block when the wire rope is released suddenly.

Impact Indicator allows easy visual inspection to determine if the unit has experienced a fall by a user.

Stainless Steel Swivel Hook provides corrosion resistance.



Included with Sealed SRLs



Wire Rope Length 28m

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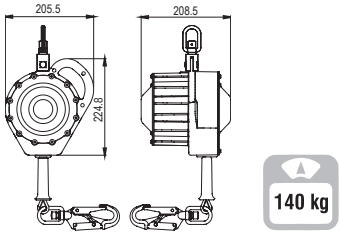
TECHNICAL SNAPSHOT

Product Code	AFS570028
Material of Casing	Polymer & Stainless Steel Casing
Material and Dia of Lifeline	Stainless steel wire rope Ø4.8mm
Breaking Strength	15 kN
Attachment End	Stainless steel ANSI swivel snap hook
Anchorage End	Stainless steel ANSI karabiner
Certification	EN 360:2023 & AS/NZS 1891.3:2020, IP69K as per ISO-20653 & EN 60529, ATEX 2014/34/EU, IEC 60068-2-6:2007
Weight	19.803 kg ± 0.10 kg

Brute Sealed Blocks

AFS570010

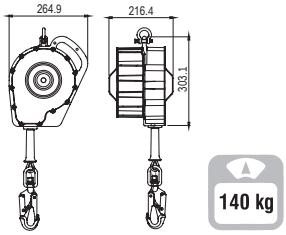




Wire Rope Length 10m

AFS570020





Wire Rope Length 20m

Used in Industry



II 2G
ATEX 2014/34/EU

Included with Sealed SRLs



TECHNICAL SNAPSHOT

Product Code	AFS570010	AFS570020
Material of Casing	Polymer & Stainless Steel Casing	Polymer & Stainless Steel Casing
Material and Dia of Lifeline	Stainless steel wire rope Ø4.8mm	Stainless steel wire rope Ø4.8mm
Breaking Strength	15 kN	15 kN
Attachment End	Stainless steel ANSI swivel snap hook	Stainless steel ANSI swivel snap hook
Anchorage End	Stainless steel ANSI karabiner	Stainless steel ANSI karabiner
Certification	EN 360:2023 & AS/NZS 1891.3:2020, IP69K as per ISO-20653 & EN 60529, ATEX 2014/34/EU, IEC 60068-2-6:2007	EN 360:2023 & AS/NZS 1891.3:2020, IP69K as per ISO-20653 & EN 60529, ATEX 2014/34/EU, IEC 60068-2-6:2007
Weight	7.498 kg ± 0.10 kg	11.953 kg ± 0.10 kg

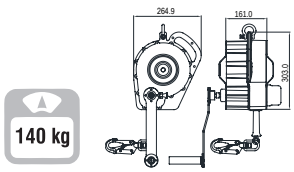
Brute Sealed 3 Way Retrievals

KStrong Sealed Rescue Retrieval SRLs have been specially designed to use both as standard SRL and a Rescue Retrieval Type 3 SRL. These Blocks can be activated into winch mode, raising or lowering a user to safety. They can be easily mounted on the KStrong Extreme Davits and Tripods.

Used in Industry

AFS570020R

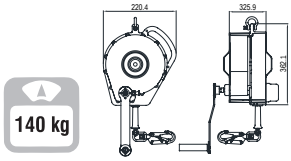




Wire Rope Length 20m

AFS570030R





Wire Rope Length 30m



AFT710007UR

Suitable for Tripod & Davits.



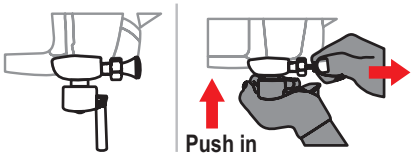
AFT7500B30



AFT7500B20

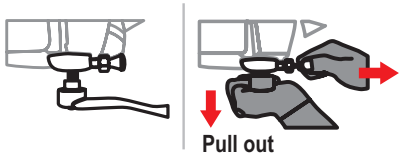
Suitable for Stainless Steel Davit AFT7500 only.

Block Mode



Pull the pin and push the Handle to reverse in Block mode

Winch Mode



Pull the pin and handle to shift to Winch Mode

Included with Sealed SRLs



II 2G
ATEX 2014/34/EU

TECHNICAL SNAPSHOT

Product Code	AFS570020R	AFS570030R
Material of Casing	Polymer & Stainless Steel Casing	Polymer & Stainless Steel Casing
Material and Dia of Lifeline	Stainless steel wire rope Ø4.8mm	Stainless steel wire rope Ø4.8mm
Breaking Strength	15 kN	15 kN
Attachment End	Stainless steel ANSI swivel snap hook	Stainless steel ANSI swivel snap hook
Anchorage End	Stainless steel ANSI karabiner	Stainless steel ANSI karabiner
Certification	EN 360:2023, EN 1496:2017 & AS/NZS 1891.3:2020, IP69K as per ISO-20653 & EN 60529, ATEX 2014/34/EU, IEC 60068-2-6:2007	EN 360:2023, EN 1496:2017 & AS/NZS 1891.3:2020, IP69K as per ISO-20653 & EN 60529, ATEX 2014/34/EU, IEC 60068-2-6:2007
Weight	13.263 kg ± 0.10 kg	19.423 kg ± 0.10 kg

Brute SRLs

The Brute Range of SRLs are Light weight, Compact and Robust allowing the user Reliability and Safety when working at height. Available in Galvanised Steel, Stainless Steel and High Performance Webbing.

Used in Industry

Brute SRLs (Wire Rope)

AFS510003.5



Wire Rope Length 3.5m

AFS510006



Wire Rope Length 6.0m

II 2G
ATEX 2014/34/EU

Included with all SRLs above 3.5m



TECHNICAL SNAPSHOT

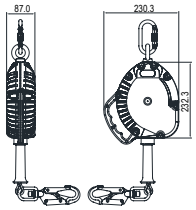
Product Code	AFS510003.5	AFS510006
Material of Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Galvanized steel wire rope Ø4.5mm	Galvanized steel wire rope Ø4.5mm
Breaking Strength	15 kN	15 kN
Attachment End	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook
Anchorage End	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner
Certification	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020
Weight	2.98 kg ± 0.10 kg	3.14 kg ± 0.10 kg

Brute SRLs (Wire Rope)

Used in Industry

AFS510010

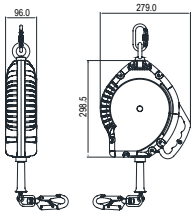




Wire Rope Length 10m

AFS510015

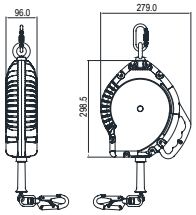




Wire Rope Length 15m

AFS510020





Wire Rope Length 20m

II 2G
ATEX 2014/34/EU

Included with all SRLs above 3.5m



TECHNICAL SNAPSHOT

Product Code	AFS510010	AFS510015	AFS510020
Material of Casing	High Impact polymer Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Galvanized steel wire rope Ø4.5mm	Galvanized steel wire rope Ø4.5mm	Galvanized steel wire rope Ø4.5mm
Breaking Strength	15 kN	15 kN	15 kN
Attachment End	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook
Anchorage End	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner
Certification	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020
Weight	4.42 kg ± 0.10 kg	5.65 kg ± 0.10 kg	6.19 kg ± 0.10 kg

Brute SRLs (Wire Rope)

Used in Industry

AFS510025



Wire Rope Length 25m

AFS510030



Wire Rope Length 30m

II 2G
ATEX 2014/34/EU

Included with all SRLs above 3.5m



TECHNICAL SNAPSHOT

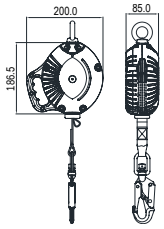
Product Code	AFS510025	AFS510030
Material of Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Galvanized steel wire rope Ø4.5mm	Galvanized steel wire rope Ø4.5mm
Breaking Strength	15 kN	15 kN
Attachment End	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook
Anchorage End	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner
Certification	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020
Weight	12.72 kg ± 0.10 kg	14.36 kg ± 0.10 kg

Brute SRLs (Webbing)

Used in Industry

AFS550003.5

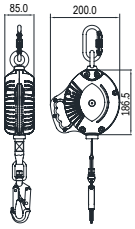




Webbing Length 3.5m

AFS550006

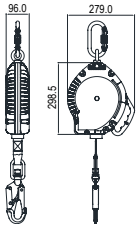




Webbing Length 6.0m

AFS550012





Webbing Length 12m

Included with all SRLs above 3.5m



TECHNICAL SNAPSHOT

Product Code	AFS550003.5	AFS550006	AFS550012
Material of Casing	High Impact polymer Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Polyester webbing 25mm	Polyester webbing 25mm	Polyester webbing 25mm
Breaking Strength	20kN	20kN	20kN
Attachment End	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook
Anchorage End	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner
Certification	EN 360:2023, AS/NZS 1891.3:2020	EN 360:2023, AS/NZS 1891.3:2020	EN 360:2023, AS/NZS 1891.3:2020
Weight	2.41 kg ± 0.10 kg	2.45 kg ± 0.10 kg	6.36 kg ± 0.10 kg

Brute Leading Edge

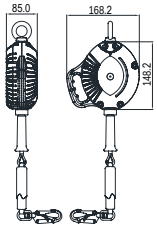
The Brute Leading Edge SRLs have been specifically engineered for Horizontal Use applications ensuring the users ultimate Safety when working near an edge (R>0.5mm).

Used in Industry

Brute SRLs Leading Edge (Wire Rope)

AFS510003.5SE

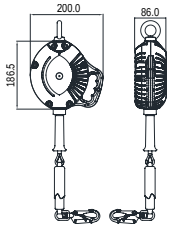




Wire Rope Length 3.5m

AFS510006SE

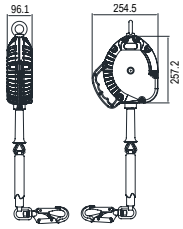




Wire Rope Length 6.0m

AFS510010SE





Wire Rope Length 10m

Included with all SRLs above 3.5m



TECHNICAL SNAPSHOT

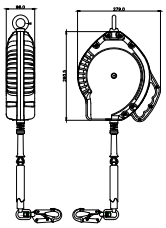
Product Code	AFS510003.5SE	AFS510006SE	AFS510010SE
Material of Casing	High Impact polymer Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Galvanized steel wire rope Ø4.8mm	Galvanized steel wire rope Ø4.8mm	Galvanized steel wire rope Ø4.8mm
Breaking Strength	15 kN	15 kN	15 kN
Attachment End	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook
Anchorage End	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner
Certification	EN 360:2023, VG11 RfU 11.060 & AS/NZS 1891.3:2020	EN 360:2023, VG11 RfU 11.060 & AS/NZS 1891.3:2020	EN 360:2023, VG11 RfU 11.060 & AS/NZS 1891.3:2020
Weight	2.34 kg ± 0.02 kg	3.34 kg ± 0.10 kg	4.62 kg ± 0.10 kg

Brute SRLs Leading Edge (Wire Rope)

Used in Industry

AFS510015SE

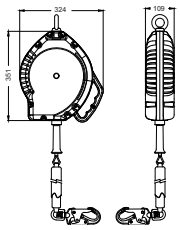




Wire Rope Length 15m

AFS510020SE





Wire Rope Length 20m

Included with all SRLs above 3.5m



TECHNICAL SNAPSHOT

Product Code	AFS510015SE	AFS510020SE
Material of Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Galvanized steel wire rope Ø4.8mm	Galvanized steel wire rope Ø4.8mm
Breaking Strength	15 kN	15 kN
Attachment End	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook
Anchorage End	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner
Certification	EN 360:2023, VG11 RfU 11.060 & AS/NZS 1891.3:2020	EN 360:2023, VG11 RfU 11.060 & AS/NZS 1891.3:2020
Weight	6.0 kg ± 0.10 kg	6.40 kg ± 0.10 kg

Brute SRLs Leading Edge (Webbing)

Used in Industry

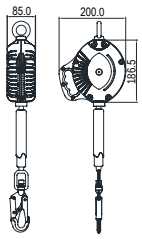
AFS550003.5SE



Webbing Length 3.5m

AFS550006SE





Webbing Length 6.0m

Included with all SRLs above 3.5m



TECHNICAL SNAPSHOT

Product Code	AFS550003.5SE	AFS550006SE
Material of Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Polyester Webbing 25mm	Polyester Webbing 25mm
Breaking Strength	20kN	20kN
Attachment End	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook
Anchorage End	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner
Certification	EN 360:2023, VG11 RfU 11.060 & AS/NZS 1891.3:2020	EN 360:2023, VG11 RfU 11.060 & AS/NZS 1891.3:2020
Weight	2.04 kg ± 0.10 kg	2.65 kg ± 0.10 kg

Brute Stainless Steel SRLs (Wire Rope)

Used in Industry

AFS510003.5SS



Wire Rope Length 3.5m

AFS510006SS



Wire Rope Length 6m

II 2G
ATEX 2014/34/EU

Included with all SRLs above 3.5m



TECHNICAL SNAPSHOT

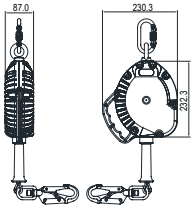
Product Code	AFS510003.5SS	AFS510006SS
Material of Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Stainless steel wire rope Ø4.8mm	Stainless steel wire rope Ø4.8mm
Breaking Strength	15 kN	15 kN
Attachment End	Stainless Steel ANSI swivel steel snap hook	Stainless Steel ANSI swivel steel snap hook
Anchorage End	Stainless ANSI steel karabiner	Stainless Steel ANSI steel karabiner
Certification	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020
Weight	2.00 kg ± 0.10 kg	3.00 kg ± 0.10 kg

Brute Stainless Steel SRLs (Wire Rope)

Used in Industry

AFS510010SS

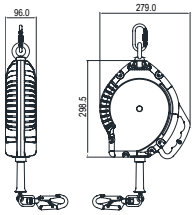




Wire Rope Length 10m

AFS510015SS

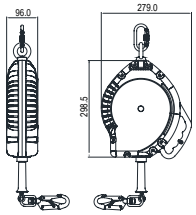




Wire Rope Length 15m

AFS510020SS





Wire Rope Length 20m

II 2G
ATEX 2014/34/EU

Included with all SRLs above 3.5m



TECHNICAL SNAPSHOT

Product Code	AFS510010SS	AFS510015SS	AFS510020SS
Material of Casing	High Impact polymer Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Stainless steel wire rope Ø4.8mm	Stainless steel wire rope Ø4.8mm	Stainless steel wire rope Ø4.8mm
Breaking Strength	15 kN	15 kN	15 kN
Attachment End	Stainless Steel ANSI swivel steel snap hook	Stainless Steel ANSI swivel steel snap hook	Stainless Steel ANSI swivel steel snap hook
Anchorage End	Stainless ANSI steel karabiner	Stainless ANSI steel karabiner	Stainless ANSI steel karabiner
Certification	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020
Weight	4.42 kg ± 0.10 kg	5.65 kg ± 0.10 kg	6.19 kg ± 0.10 kg

Brute Stainless Steel SRLs (Wire Rope)

Used in Industry

AFS510025SS



Wire Rope Length 25m

AFS510030SS



Wire Rope Length 30m

II 2G
ATEX 2014/34/EU

Included with all SRLs above 3.5m



TECHNICAL SNAPSHOT

Product Code	AFS510025SS	AFS510030SS
Material of Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Stainless steel wire rope Ø4.8mm	Stainless steel wire rope Ø4.8mm
Breaking Strength	15 kN	15 kN
Attachment End	Stainless Steel ANSI swivel steel snap hook	Stainless Steel ANSI swivel steel snap hook
Anchorage End	Stainless ANSI steel karabiner	Stainless ANSI steel karabiner
Certification	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020	EN 360:2023 & ATEX 2014/34/EU, AS/NZS 1891.3:2020
Weight	12.72 kg ± 0.10 kg	14.36 kg ± 0.10 kg

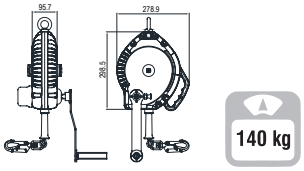
Brute Retrievals

KStrong Rescue Retrieval SRLs have been specially designed to use both as standard SRL and a Rescue Retrieval Type 3 SRL. These Blocks can be activated into winch mode, raising or lowering a user to safety. They can be easily mounted on the KStrong Extreme Davits and Tripods.

Used in Industry

AFS510020R

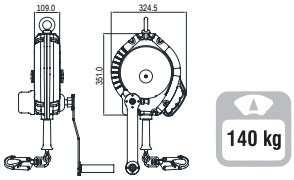




Wire Rope Length 20m

AFS510030R





Wire Rope Length 30m



AFT710007UR

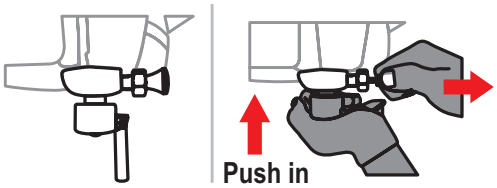
Suitable for Tripod & Davits.

AFT7500B30

AFT7500B20

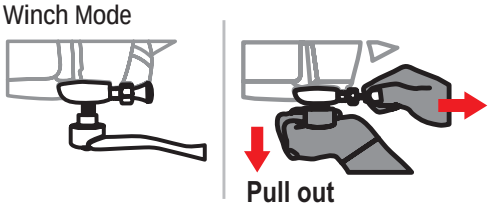
Suitable for Stainless Steel Davit AFT7500 only.

Block Mode



Pull the pin and push the Handle to reverse in Block mode

Winch Mode



Pull the pin and handle to shift to Winch Mode

Included with all SRLs above 3.5m



II 2G
ATEX 2014/34/EU

TECHNICAL SNAPSHOT

Product Code	AFS510020R	AFS510030R
Material of Casing	High Impact polymer Casing	High Impact polymer Casing
Material and Dia of Lifeline	Galvanized steel wire rope Ø4.5mm	Galvanized steel wire rope Ø4.5mm
Breaking Strength	15 kN	15 kN
Attachment End	Galvanized ANSI swivel steel snap hook	Galvanized ANSI swivel steel snap hook
Anchorage End	Galvanized ANSI steel karabiner	Galvanized ANSI steel karabiner
Certification	EN 360:2023 & EN 1496:2017 Class B & ATEX 2014/34/EU, AS/NZS 1891.3:2020	EN 360:2023 & EN 1496:2017 Class B & ATEX 2014/34/EU, AS/NZS 1891.3:2020
Weight	8.24 kg ± 0.10 kg	14.76 kg ± 0.10 kg

MICRON™ SRL SERIES

The KStrong Micron has been designed to be used where there is low clearance or lack of overhead structures. The ability to use the Micron for Horizontal applications ensuring the users ultimate Safety when working near an edge makes it the most versatile lanyard on the Market. It is light weight, stays out of the way and can be easily used as a lanyard replacement. Whether your application requires a single Micron to connect at foot level (Fall Factor 2) or twin leg configurations for an overhead anchor, KStrong Micron reduces the Fall distance as compared to Energy Absorbing Lanyards.

Used in Industry

MICRON AFS550002



Swivel Anchorage Eye

High strength Polymer casing provides maximum durability

Automatic Quick Fall Arrester to arrest fall to less than 4kN and fall arrest distance to less than 600mm

Has inbuilt Textile Energy Absorber with protective cover on it

Aluminum Swivel Hook

Leading Edge Rated (R>0.5mm).

Can be used as a Single and Twin Forked Lanyard with SRL Connector



AFC609102

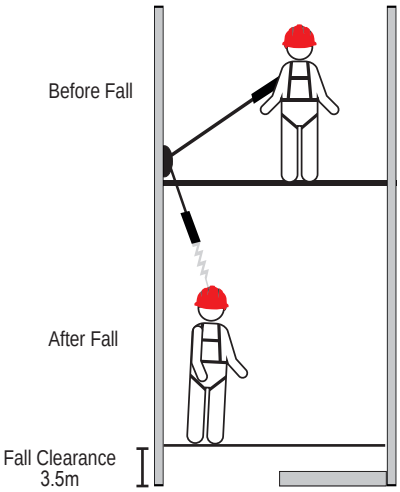
Consists of detailed Dos and Don'ts instructions inside the cover

2m Retractable Webbing provides continuous fall protection without any obstacles- keeps lifeline out of worker's way, reducing snagging, fragging and trip falls

Benefits of Micron when using at Foot level (Fall Factor 2)

In a Fall Factor 2 condition, the user anchors the lanyard below his foot level. The impact on the user is highest in this situation. Kstrong Micron has been designed to significantly reduce the impact forces applied to user whilst decreasing the risk of serious injuries when used a foot level.

Can also be used when Anchor Point is at foot level which means Micron complies to Fall factor 2



Fall Factor 2

*Note: Anodizing Colours may vary

RETRACTABLE FALL ARRESTER BLOCKS

AFS550002



140 kg

Webbing Length 2m

AFS550102



140 kg

Webbing Length 2m

AFS550102D



140 kg

Webbing Length 2m

TECHNICAL SNAPSHOT

Product Code	AFS550002	AFS550102	AFS550102D
Material of Casing	High Strength Polymer	High Strength Polymer	High Strength Polymer
Material	Dyneema Webbing 21mm	Dyneema Webbing 21mm	Dyneema Webbing 21mm
Breaking Strength	15 kN	15 kN	23 kN
Attachment End	Aluminum Karabiner	Aluminum Karabiner	Aluminum Connector
Anchorage End	Aluminum Swivel Karabiner	Aluminum Swivel Scaffold Hook	Aluminum Swivel Scaffold Hook
Certification	EN 360:2023, VG 11 CNB/11.060 AS/NZS 1891.3:2020	EN 360:2023, VG 11 RfU#11.060	EN 360:2023, VG 11 RfU#11.060
Weight	862.5 gm ± 20.0 gm	1.30 kg ± 0.05 kg	2.61 kg ± 0.02 kg

How to use Micron as a Single or Twin Lanyard with Twin SRL Connector



Insert one Micron Block in the karabiner and insert the karabiner in the webbing loop at the Dorsal.



Insert the separator in the karabiner.



Now insert the second Micron Block.



Move the karabiner to be placed in the centre.

KStrong offers a unique Twin SRL Connector to use Micron as both Single and Forked Lanyards.

AFC609102



KG 235.0 gm ± 10.0 gm

*Note: Anodizing Colours may vary

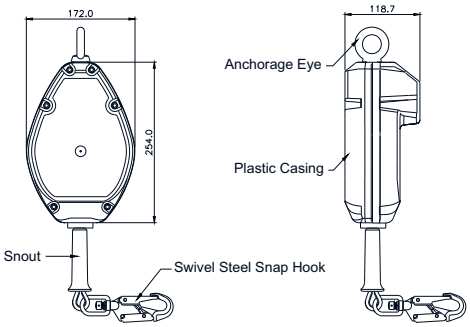
BRUTE Controlled Retractable Fall Arrest Block

KStrong Controlled Retractable Fall Arrest Blocks has been designed to ensure the cable retracts slowly back into the housing without damaging the SRL when released. Suitable for sites where numerous operators successively use the same product, for instance when loading/unloading, etc.

Used in Industry

AFSR51010 10M





Included with all SRLs above 3.5m



140 kg

Wire Rope Length 10m

TECHNICAL SNAPSHOT

Product Code	AFS510025
Material of Casing	High Impact polymer Casing
Material and Dia of Lifeline	Galvanized steel wire rope Ø4.5mm
Breaking Strength	15 kN
Attachment End	Galvanized ANSI swivel steel snap hook
Anchorage End	Galvanized ANSI steel karabiner
Certification	EN 360:2023 & AS/NZS 1891.3:2020
Weight	4.941 kg ± 0.10 kg

Mini Block (Swivel)

Used in Industry

AFS551002(SW)



Webbing Length 2.5m

TECHNICAL SNAPSHOT

Product Code	AFS551002(SW)
Material of Casing	Protective Casing
Material and Webbing Width	Polyester 47mm
Breaking Strength	15 kN
Attachment End	Steel Screw Locking karabiner
Anchorage End	Steel Screw Locking karabiner
Certification	EN 360:2023
Weight	1.35 kg

SRL Weather Cover

Designed to protect SRLs from Extreme weather conditions extending the lifespan

Used in Industry



SRL not Supplied
(illustration purpose only)

TECHNICAL SNAPSHOT

Product Code	AFZ900100	AFZ900200
Material	PU, Clear PVC & Polyester Rope Protective Casing	
Suit SRL	3.5m - 10m	12m - 30m
Weight	0.670 gms	0.730 gms

SRL Protection Case

The protective case is designed to protect the AFS510010(SE) 10m SRL casing, especially during horizontal use when moving side to side on a flat roof or trapezoidal roof sheets. Its hoop can also be used as a carrying handle.

Used in Industry





SRL not Supplied
(illustration purpose only)

TECHNICAL SNAPSHOT

Product Code	AFZ900300
Material	PA6 with 30% Glass
Suit SRL	10m
Weight	0.790 gms



Ladder Extension Post

The KStrong Ladder Extension Post is specifically engineered to attach securely to a wide range of ladder's commonly used in offshore wind farms when there is not a suitable anchor point. When paired with compatible Sealed SRL mounting brackets, it provides a stable and elevated anchorage point for Sealed SRLs.

Used in Industry



TECHNICAL SNAPSHOT

Product Code	AFS57000LB
Material	316 Stainless, Electropolished
Breaking Strength	15 kN
Certification	EN 795:2012 Type A
Weight	19.45kg ± 0.020kg

Tagline Ladder Anchor point

The bracket is designed to securely attach an SRL tag line to a ladder. It can be mounted to either the ladder rungs or the side rails, making it suitable for a wide range of ladder configurations. The two-piece bracket assembly is secured using only two connecting studs, allowing for quick and easy installation.

Used in Industry



TECHNICAL SNAPSHOT

Product Code	AFS57000TL
Material	Stainless Steel
Compatible Rung Diameter	Ø22.0mm to Ø52.0mm
Finish	Electropolished / E Coated
Weight	0.740 Kgs. ± 0.010 kgs

Sealed SRL Mounting Bracket

The Sealed SRL Mounting Bracket has been specifically designed to slide over the AFS57000LB Ladder Extension Post, providing a secure and stable attachment point for KStrong Sealed Self-Retracting Lifelines (SRLs). It ensures safe and reliable operation in demanding environments

Used in Industry

AFS570010B



AFS570020B



AFS570030B



TECHNICAL SNAPSHOT

Product Code	AFS570010B	AFS570020B	AFS570030B
Material	316 Stainless, Electropolished/E-coated	316 Stainless, Electropolished/E-coated	316 Stainless, Electropolished/E-coated
Breaking Strength	23kN	23kN	23kN
Weight	1.03kg ±0.010kg	1.13kg ± 0.013kg	1.15kg ± 0.013kg

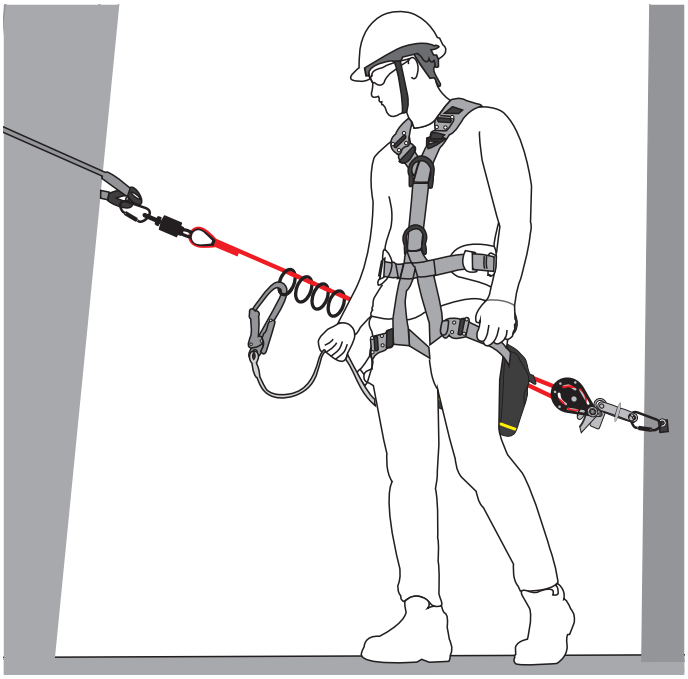

TEMPORARY
ANCHORAGE
LINE

WRANGLER™

KStrong range of Temporary Anchorage Lines are engineered to be easily installed and removed for use on short-term jobs. They provide a safe and efficient temporary line allowing the users ease of movement whilst reducing the risks at height.

What is a Temporary Anchorage Line?

Temporary Anchorage Lines are engineered for a specific work situation to be easily installed and removed. They are installed horizontally or vertically between two anchors, allowing a personal protection system to be attached.





Horizon Temporary Horizontal Webbing Anchorage Line

KStrong introduces a range of Temporary Horizontal Lifelines, made of textile webbing and rope which are extremely easy to carry and install wherever required. These Anchorage Lifeline systems provide a suitable and safe anchorage horizontally along the entire length.

Used in Industry

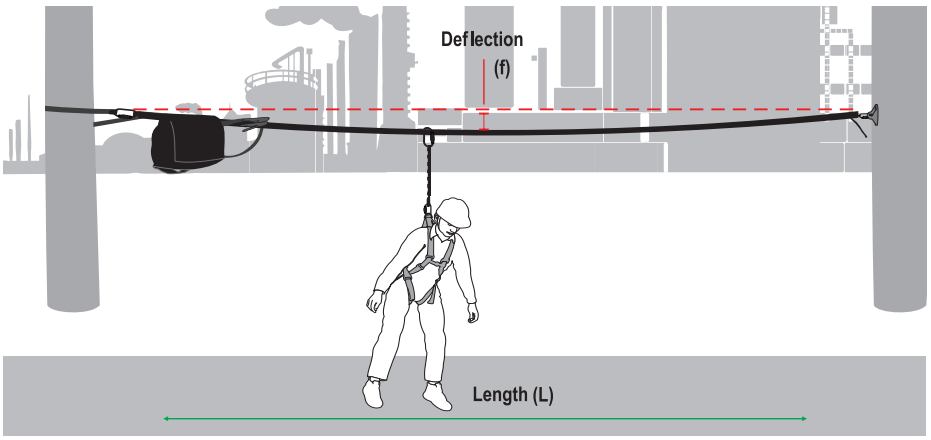
AFA940001

- Consists of Ratchet Tensioner that allows easy tensioning of the lifeline between two structures.
- Has 2 Cross Arm Straps each to tie off to the structure where the anchorage is required.
- The complete system is supplied in a bag, which is permanently attached to the assembly and also enables the user to easily carry the system with the help of comfortable shoulder hanging straps provided in the bag.
- Once the lifeline is fitted, the user can easily connect the lanyard attached to his harness with the lifeline using a Karabiner. This allows movement along the length while keeping the user secured and safe at all times.



Kgs 4.12 kg ± 0.05 kg

AFA920015



TECHNICAL SNAPSHOT

Product Code	Webbing Material	Attachment Ends	Max. No. of Users	Max. Span Length	Certified to
AFA940001	Polyester webbing of 30.0 mm	Both ends - Stitched loops with Twist Lock Karabiner's	upto 2 users	upto 20.0 mtrs	EN 795:2012 TS 16415:2013 Type B and C (for upto 2 users)

Horizon 4 Man Temporary Horizontal Rope Anchorage Line

KStrong introduces the 4 man Temporary Horizontal Life line, which is easy to use and install. It provides a suitable and safe anchorage horizontally along the entire length. Suitable for up to 4 users.

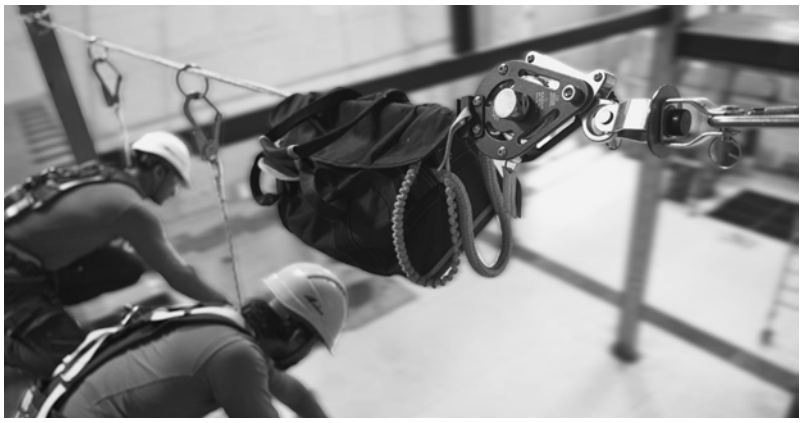
Used in Industry

AFA940010

Kgs 9.28 kg ± 0.01 kg



- Quick and easy to install, and is reusable.
- Has 4 Steel O-Rings to enable the user to easily attach the Lanyard of his Harness to the Lifeline using a Connector.
- Has unique tension indicator for creating an adequate tension in the line. Once the required tension is achieved, the disc on the tension indicator rotates freely, indicating the line is ready to use.
- Has Swivel Connector- specially designed to prevent any twisting of the rope.
- Minimum breaking strength: 25kN
- The whole system is supplied in a bag, which is permanently attached to the assembly and also enables the user to easily carry the system with the help of comfortable handles provided in the bag. This bag is designed in such a way that it keeps the unused rope safely, thereby preventing the rope being subjected to abrasion or any damage caused from dust, dirt grime, oil etc. Once fitted, you can easily put back the extra rope not deployed along the length, into the bag.





AFA920015(1.5M)

TECHNICAL SNAPSHOT

Product Code	Material of Rope	Breaking Strength	O-Rings **Specifications**	Max. Span Length	Conforms to
AFA940010	Kernmantle Rope of dia 16.0 mm	One end- Swivel brass connector with Twist Lock Karabiners Other end- Tension indicator with Twist Lock Karabiners	Forged Galvanized Steel O-Rings Qty- 4	upto 25.0 mtrs	EN 795:2012 Type C & TS 16415:2013 Type C (for upto 4 users)

Handy Line Temporary Horizontal Lifeline

KStrong Wrangler Temporary Horizontal Lifeline has been designed to be easily installed in a horizontal plane allowing the user to have access to a suitable anchorage whilst working over large distances. This Lifeline is suitable for up to 2 users.

Used in Industry

AFA940014

Kgs 13.42 kg ± 0.01 kg

II 2 G
ATEX 2014/34/EU



AFA920015

- Housing made of durable and high strength polymer.
- Handy and portable design.
- Extremely easy to install; retractable lifeline is simply pulled out for installation up to the required length and retracted back with the built-in winch into an easy-to-carry case.
- Inbuilt Winch for easy retraction of rope back into the housing/case for fast, simple and safe dismantle. Hence, eliminating large and bulky coils of cable that are difficult to set-up and store.
- Has inbuilt shock absorption mechanism to limit the impact forces during fall arrest.
- Molded and padded handle for easy carriage.
- Comes with Load Indicator attached to an ANSI Karabiner and at the termination end for easy connection.
- Can be used by maximum 2 users simultaneously.
- Has tension indicator to indicate required tension in the line.
- Supplied with additional ANSI karabiner to attach to Sling.



TECHNICAL SNAPSHOT

Product Code	Material of Rope	Breaking Strength	Max. Span Length of Wire Rope	**Certified to**	Conforms to
AFA940014	7x19 Galvanized Steel Wire Rope of dia 6.0mm	23 kN	Upto 18.0 mtrs	ATEX 2014/34/EU	EN 795:2012 Type C TS 16415:2013 Type C (for upto 2 users)

What is the T-Line?

THE T-LINE IS A TWIN LIFELINE SYSTEM.

T-Line is an innovative system, combining a lifeline, fall arrest and evacuation system in one providing a complete fall protection system when working at heights.

T-Line's unique design means it can be used where traditional fall protection devices cannot. T-Line consists of a single unit housing with two separate lifelines on separate spools that work independently of each other. Similar to an inertia reel, the lifelines are self-retracting and automatically lock at the onset of a fall.

The T-Line system has been designed to allow a person to move horizontally and vertically whilst removing the pendulum effect if a fall occurs. Due to the unique triangulation of the cables, it prevents the pendulum movements and reduces the fall arrest distance, allowing installation in areas with little clearance available.

Suitable for long spans up to 24m end to end, with no intermediate supports. This feature overcomes many engineering issues that are associated with more traditional single line systems by bypassing obstacles such as poles and pipes with ease, giving workers maximum freedom of movement.

T-Line is supplied in 2 variants:

- 2-in-1 - Lifeline and Fall Arrest system
- 3-in-1 - Lifeline and Fall Arrest system equipped with an integrated recovery system

In a fall situation, the two cables equalise to arrest the fall. This eliminates the pendulum swing and slide experienced with traditional systems. The T-Line system cables can be configured to bypass pipework or structures in a roof or reconfigured so the integrated rescue system can be adapted to a davit on a platform for rescue or confined space entry.

General Features:

- Unparalleled Freedom of Movement: Enjoy complete hands-free freedom to move both horizontally and vertically, spanning multiple levels from ground up.
- Obstacle Bypass Capability: Stay connected to the T-Line while effortlessly manoeuvring around overhead obstructions like pipelines, steelworks, and gantry cranes.
- Access in Challenging Areas: T-Line provides safe access where other systems fall short, making it ideal for working in areas with limited clearance, such as scaffolds etc.
- Minimal Fall Arrest Distance: With an extremely low fall arrest distance, the T-Line ensures protection even in confined spaces like flatbed trucks.
- Easy and Efficient Installation: The 12 m system can be quickly installed by the user without any tensioning or adjustments. For the 24 m system, a trained installer is recommended.
- Flexible Installation Options: Mount each end at different heights to accommodate sloping roofs, beams, and various structures, with the main housing unit positioned lower than the secondary pulley.
- Versatile Application: Its robust build and minimalist design make the T-Line suitable for both permanent installations and portable usage, providing a quick and easy temporary solution.

Applications

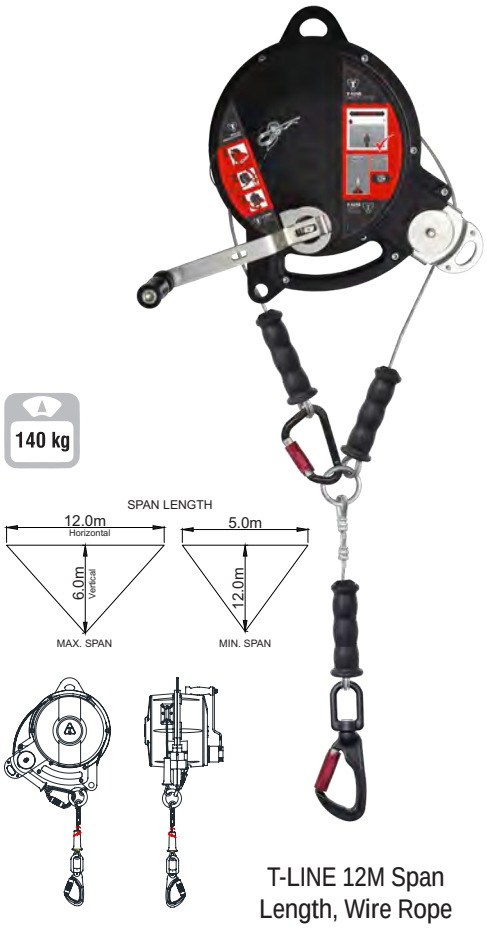
The T-Line Safety System is ideal for a multitude of applications and industries including:

- Truck and bus workshop bays
- Rail maintenance bays
- Heavy machinery maintenance
- Tanker wash bays, repair and access
- Truck wash and truck loading
- Aviation
- Agriculture
- Construction and Manufacturing
- Telecommunications
- Conveyor belt safety
- Platforms and walkways
- Billboards
- Confined Space

T-Line with Rescue Retrieval

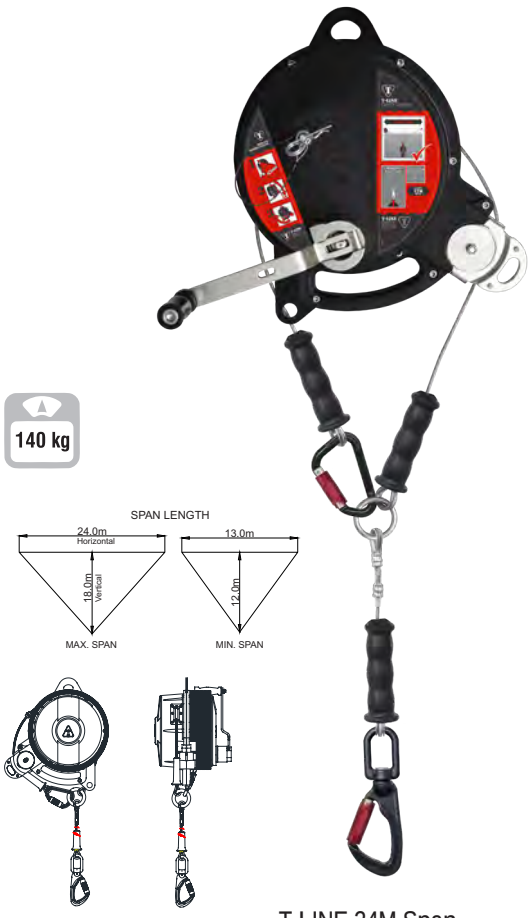
Used in Industry

AFA945012R



T-LINE 12M Span Length, Wire Rope

AFA945024R



T-LINE 24M Span Length, Wire Rope

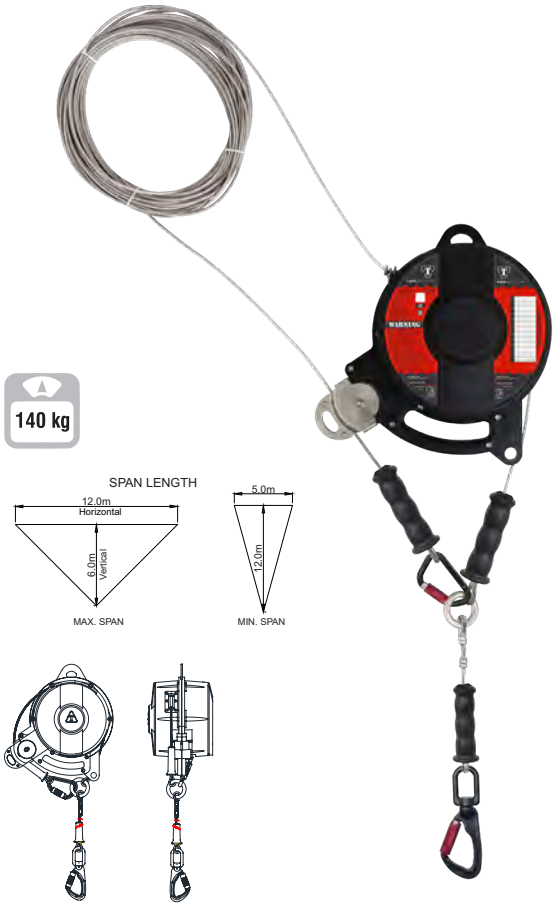
TECHNICAL SNAPSHOT

Product Code	AFA945012R	AFA945024R
Material of Casing	Durable and High Strength Polymer	Durable and High Strength Polymer
Wire Cable	Galvanised Steel 4.5mm Wire	Galvanised Steel 4.5mm Wire
Karabiners & O-Ring	ANSI Aluminum, MBS 23kN	ANSI Aluminum, MBS 23kN
Minimum Breaking Strength	15kN	15kN
Span Lenghts	Max Span Horizontal - 12m. Vertical - 6m. Min Span Horizontal - 5m. Vertical - 12m.	Max Span Horizontal - 24m. Vertical - 18m. Min Span Horizontal - 13m. Vertical - 12m.
Conforms to	CE0598 & EN 1496:2017 Class B.	CE0598 & EN 1496:2017 Class B.
Weight	19.30kg± 0.50 kg	23.15kg± 0.50 kg

Brute T-Line (without Retrieval)

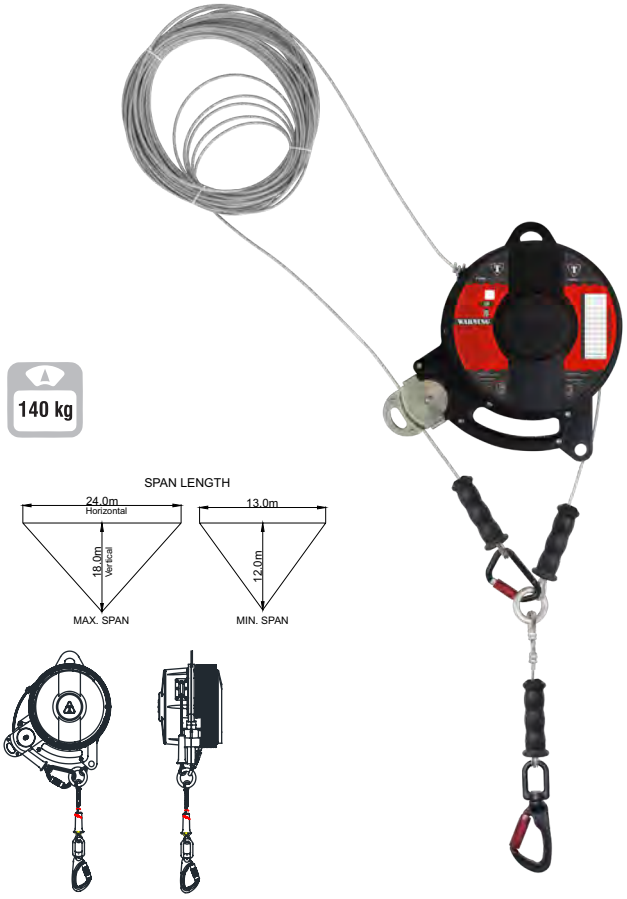
Used in Industry

AFA945012



T-LINE 12M Span Length, Wire Rope

AFA945024



T-LINE 24M Span Length, Wire Rope

TECHNICAL SNAPSHOT

Product Code	AFA945012	AFA945024
Material of Casing	Durable and High Strength Polymer	Durable and High Strength Polymer
Wire Cable	Galvanised Steel 4.5mm Wire	Galvanised Steel 4.5mm Wire
Karabiner & O-Ring	ANSI Aluminum, MBS 23kN	ANSI Aluminum, MBS 23kN
Minimum Breaking Strength	15kN	15kN
Span Lenghts	Max Span Horizontal - 12m. Vertical - 6m. Min Span Horizontal - 5m Vertical - 12m.	Max Span Horizontal - 24m. Vertical - 18m. Min Span Horizontal - 13m. Vertical - 12m.
Conforms to	CE0598	CE0598
Weight	18.63kg± 0.50 kg	22.65kg± 0.50 kg

*Note: Anodizing Colours may vary

Anchorage Components for T-Line

T-Line Safety System is available as a 12 m or 24 m system and is supplied with all necessary components. Anchor point hardware is sold separately.

The T-Line range of anchors are specifically designed to simplify and minimise installation time and prevent the T-Line from swinging.

T-LINE BEAM CLAMP is adjustable to suit most beam sizes. Adjustable using standard tools, the Beam Clamp also incorporates a bi-directional anchor that can be altered to suit the install.

ANCHOR CLEVIS is designed to be bolted or welded to the structure and placed in the perfect orientation for the install.

Used in Industry



AFA945017



Anchor Clevis

AFA945026



T-LINE Beam Clamp

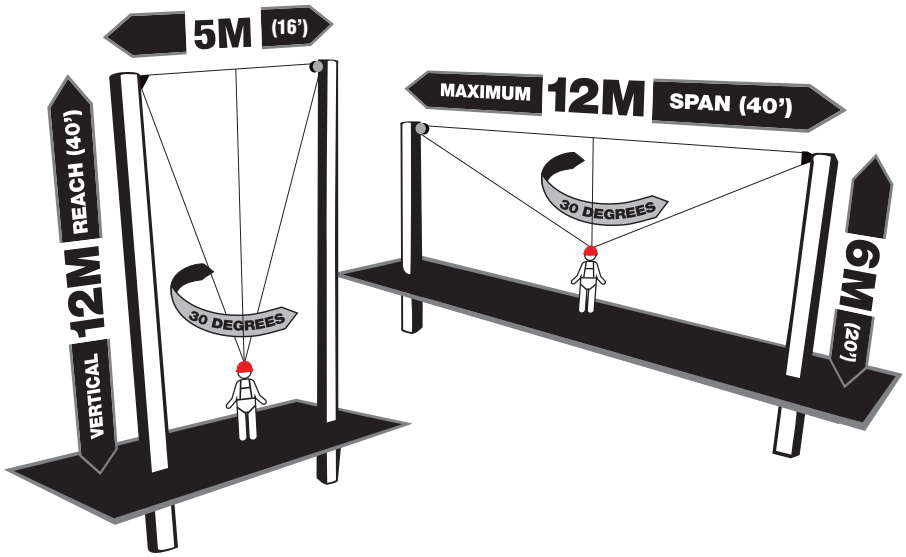
TECHNICAL SNAPSHOT

Product Code	AFA945017	AFA945026
Material of Casing	Alloy Steel	Alloy Steel
Design	Anchorage Clevis is used to Anchor the T-Line on metal structures by using compatible fasteners (U-bolt and nut)	Anchor to be installed on flange of beams. Comes with a adjustable jaws for installation to varying flange widths from 125mm - 225mm
Finish	ED coated black	ED coated black
Certification	EN795:2012 Type A & AS/NZS 5532.2013	EN795:2012 Type B & AS/NZS 5532:2013
Weight	18.13kg± 0.50 kg	4.35 kgs ± 0.050 kgs.

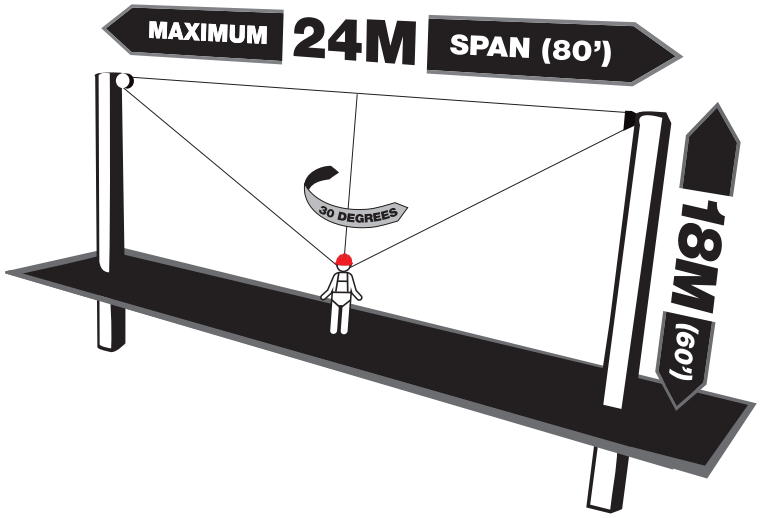
*Note: Anodizing Colours may vary

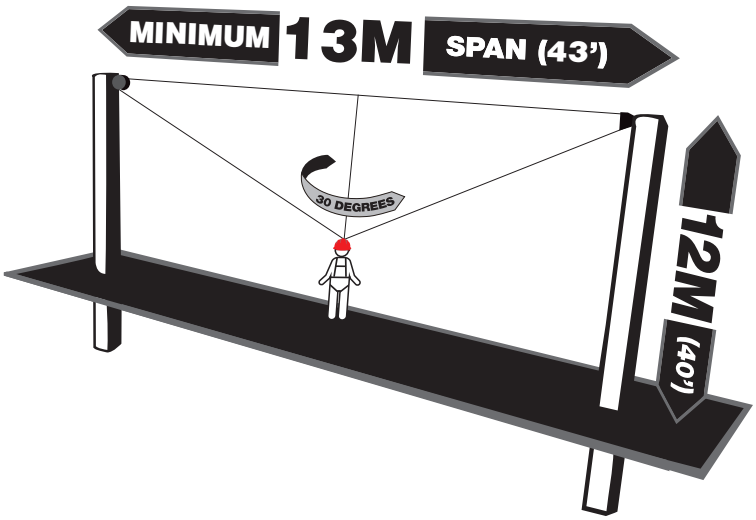
T-Line Spans

The AFA945012 & AFA945012R T-Lines can be installed at spans and vertical reach between the limits as set out below.

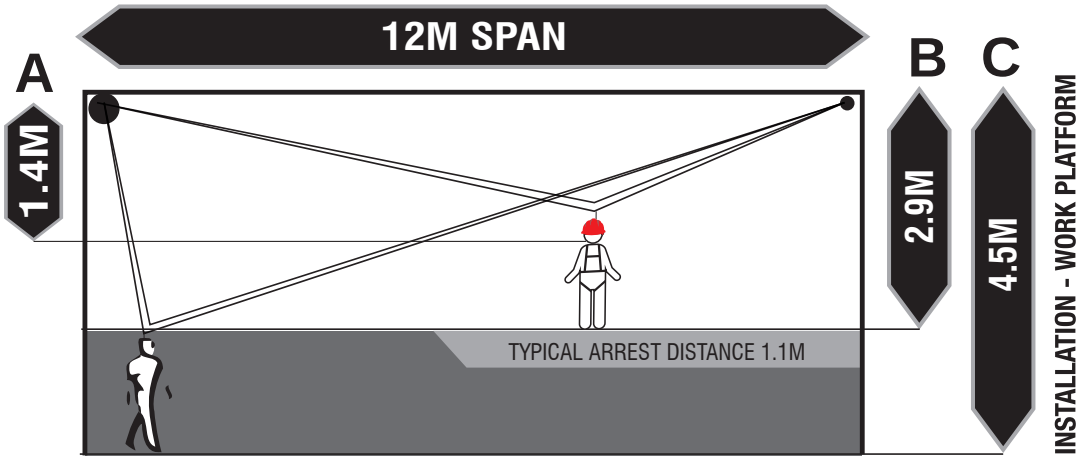


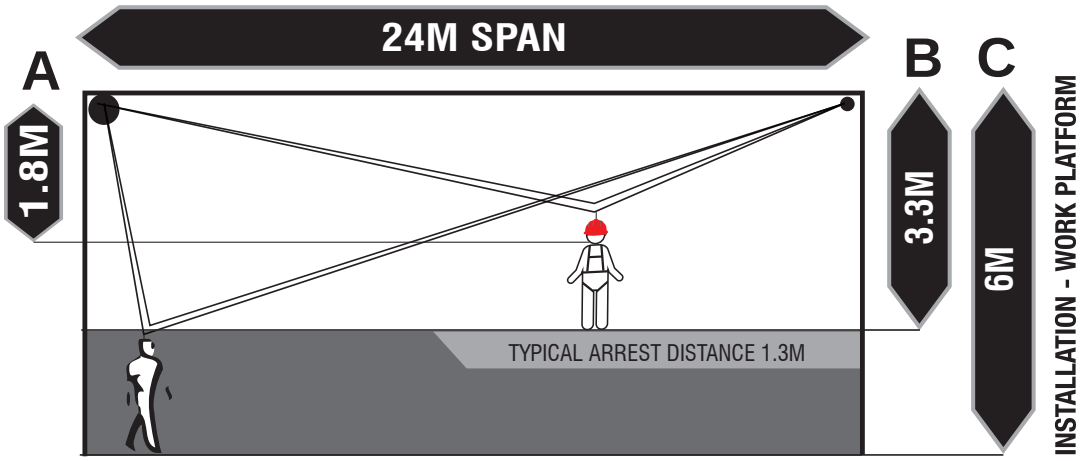
The AFA945024 & AFA945024R T-Lines can be installed at spans and vertical reach between the limits as set out below.





V-Line Configuration





Fall Clearance From The Working Platform =
Fall Arrest Distance + Harness Stretch + Safety Factor = 1.3+0.3+1=2.6M

A - Minimum distance from the V-line anchor to dorsal of user
B- Minimum distance from the V-line anchor to feet (Platform) of user
C- Maximum distance from the V-line anchor to feet (Platform) of user

Temporary Vertical Anchorage Line Systems

KStrong introduces Temporary Vertical Anchorage Line which are quick and easy to install. The line has a uniquely designed Rope Grab that grabs onto the Anchorage Line, thus arresting the fall immediately. Supplied in 10m & 20m lengths.

Used in Industry

Guided Type Fall Arrester System On Flexible Anchorage Line

AFA951201



Can be supplied in a variety of lengths

TECHNICAL SNAPSHOT

Product Code	AFA951201
Rope Grab	Galvanized Steel Non Openable Rope Grab permanently stitched with Shock Absorber
Attachment Element	Steel Screw Locking Karabiner
Weight	3.49 kg ± 0.05 kg
Anchorage Line	20m Kernmantle Rope of dia 12.0 mm
Breaking Strength	15 kN
Certification	EN 353-2:2002 & VG 11 Sheet PPE-R/11.075

Rope Grabs

Removable Rope Grabs can be fitted to the rope at any point allowing hands free ascending or descending.

Suitable for work positioning, rope access back-up device and vertical lifelines Variety of Rope garbs to suit Kernmantle ropes between 10.5mm and 12mm, Twisted Rope between 14mm - 16mm and 8mm Stainless Steel Rope.

Used in Industry

AFG801001



AFG801013



Comes with Anti Panic Feature

AFG801013: Internal Dia = 50.0 mm (1.968")

AFG801016



AFG801016: Internal Dia = 25.0 mm (0.984")

TECHNICAL SNAPSHOT

Product Code	AFG801001	AFG801013	AFG801016
Material	Alloy Steel	Alloy Steel	Alloy Steel
Breaking Strength	15 kN	15 kN	15 kN
Finish	Galvanized	Galvanized	Galvanized
Weight	873.0 gms ± 10.0 gms	515.0 gms ± 10.0 gms	515.0 gms ± 10.0 gms
Suits Rope	14mm -16mm Twisted Rope	14mm - 16mm Twisted Rope and 12mm Kernmantle Rope	14mm - 16mm Twisted Rope and 12mm Kernmantle Rope
Certification	EN 353-2:2002	EN 353-2:2002	EN 353-2:2002

Rope Grabs

Aluminum & Stainless

Used in Industry

AFG801011



AFG801015



AFG801002



TECHNICAL SNAPSHOT

Product Code	AFG801011	AFG801015	AFG801002
Material	Aluminium Alloy	High Strength Aluminum Alloy	Stainless Steel
Breaking Strength	15 kN	15 kN	15 kN
Finish	Natural Silver / Colored Anodized	Natural Silver / Colored Anodized	Shot blasted & Electro polished
Weight	181.0 gms ± 10.0 gms	183.0 gms ± 10.0 gms	473.0 gms ± 10.0 gms
Suits Rope	11mm Kernmantle Rope	11mm - 12mm Kernmantle Rope	8mm Stainless Steel Wire Rope
Certification	EN 353-2:2002 & EN 358:2018	EN 353-2:2002 & EN 358:2018	EN353-1:2014, A1:2017 EN 358:2018

*Note: Anodizing Colours may vary

Textile Ropes For Anchorage Lines

KStrong offers Kernmantle Ropes, available in different lengths to suit application. These Anchorage Lines are certified as a system only when used with specific KStrong Rope Grab Fall Arresters.

Used in Industry

Kernmantle Rope Anchorage 12mm line /m

AFA952012(XX)



TECHNICAL SNAPSHOT

Product Code	**Rope Specifications**	Rope Diameter	Weight	**Certification**
AFA952012(XX)	Kernmantle Semi Static Rope	12.0 mm	0.098 kg ± 0.1 kg (1.0m)	EN 891



ANCHORAGES


SA-10
02 02120
KSTRONG
PARAPET ANCHOR
AFA930101
MBS : 22kN
UID : XXXXXXXXXXXX
Date of mfg : MM/YYYY
CE 0598
EN 795:2012 Type B
MAX
QRCODE
KStrong.com
Made In India

Defining an Anchor Point

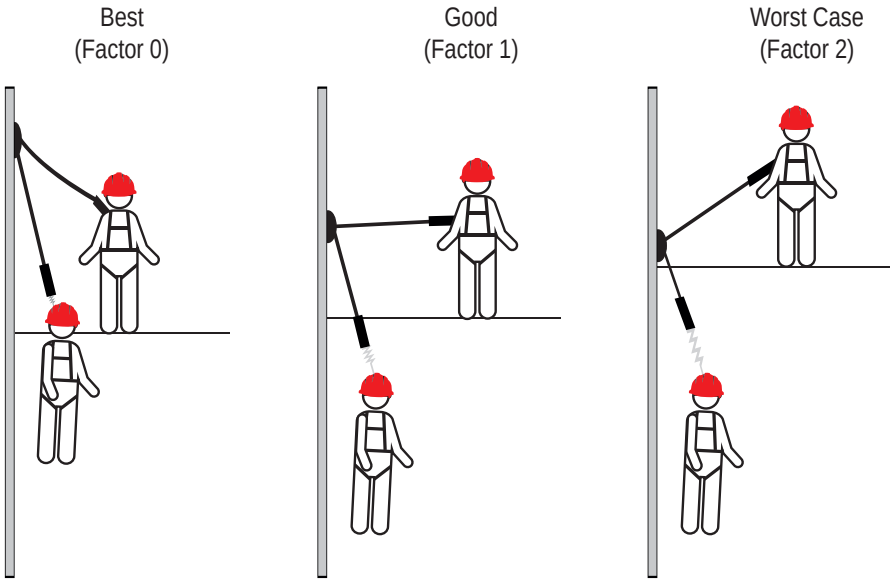
An Anchor Point is one component of a personal fall arrest system, ensuring the user is connected whilst working safely at height.

Points to consider when attaching to an Anchor point

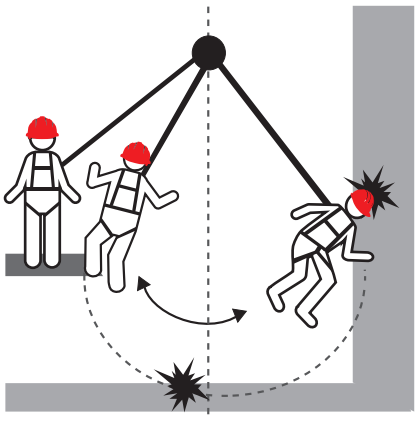
Always make sure that the Anchor point used is strong enough to hold a user when subjected to a fall. The minimum rating of the Single Anchor point should be 12kN.

The user should always attach to the anchor which is located above or at shoulder level as a minimum. If the Anchorage point is below this, then the distance of the fall greatly increases putting the user at risk.

$$\text{What is Fall Factor?} = \frac{\text{It is the max length of a fall which the person can suffer}}{\text{Length of the Lanyard}}$$



If a fall occurs and the anchor point is not located directly above the user, it may result in a Pendulum swing causing the user to hit an obstacle.

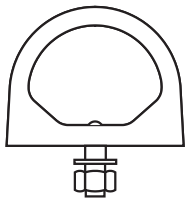


You could be injured if anchored on the side due to the pendulum effect.

According to EN 795:2012, Anchor devices have been classified into various types, Type A, B, C, D and E. KStrong offers a range of Anchor devices which fall under various such types.

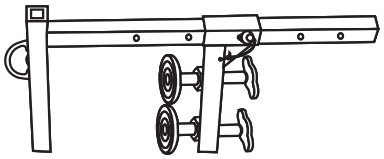
Type A Anchor (As Per EN 795:2012)

Type A is an Anchor device with one or more stationary anchor points having the need for a structural anchor or fixing element to fix to the structure. This type of anchor is usually small, and may or may not be removed from the supporting structure due to being fixed, such as with rivets, studs, Bolts, screws or resin bonding.



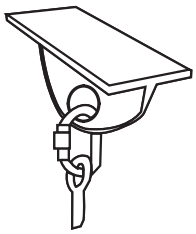
Type B Anchor (As Per EN 795:2012)

This type is an Anchor device with one or more stationary Anchor points, not having the need for a fixing element to fix to the structure. They are designed to be easily transported, as they normally require minimal installation or can be dismantled and moved quickly.

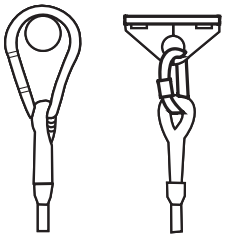


Selecting the Correct Anchor

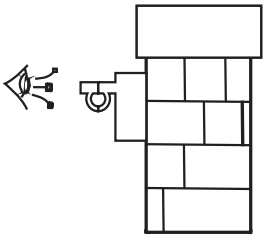
1- If unsure of the load rating of the anchor point, consult with an engineer. Anchorages must be strong. The best anchorages are i-beams, specially rigging lifelines and other solid fixtures. Never anchor to cable hangers, light fixtures or anything else that is not designed to take a sudden, heavy load. Be sure the anchor point meets certain strength requirements.



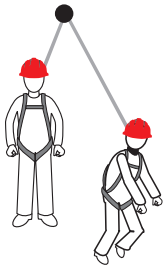
2- Make sure your anchor point has been approved by your employer or engineer.



3- Before you hook up to any anchorages, check it for damage.



4- Always attach to an anchor point directly overhead to prevent the pendulum effect.



5- Be sure that you anchor yourself correctly.



6- No two people should use the same anchor point for fall arrest unless it is certified to TS16415-2013.



7- Anchor should be at least 6m above ground level/ clearance area.

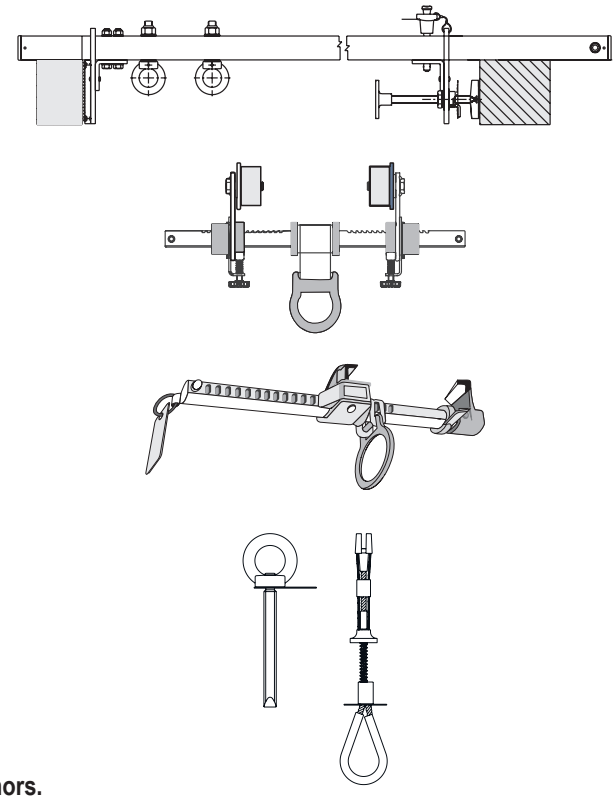


Strength Requirement for Anchorages

Purpose of Anchorages	Minimum Ultimate Strength in Direction of Loading (Kilo Newtons)
Free fall-arrest-One person	12 kN
Free fall-arrest-Two persons attached to same anchor.	21 kN
Limited free fall-arrest (Including rope access anchorages)	12 kN
Restraint technique	12 kN
Horizontal life lines	12 kN for 1 person, add 1 kN for each additional person (for example 13 for 2 users,14 for 3 users,15 for 4 users etc.)
End Anchorages (See manufactures recommendations)	Twice the anticipated load on the end anchor
Intermediate anchorages - Deviation less than 15°	12 kN

Anchor Points Information

- Ensure the anchor points on a building or structure used by the operator are certified by an engineer, unless it is clear to a height safety supervisor the anchorage system is structurally sound and also signage with anchor information shall be provided.
- Use table provided to ensure the anchorage is capable of sustaining the ultimate load for one person to use when loaded in the direction of the lanyard, anchorage line, or restraint line during fall arrest.
- For two people utilizing one anchor point the load requirement for the anchorage must be a minimum of 21 kN and no more than two people shall use a single anchor at any time.
- Be aware of free fall situation using anchorages. This applies to a free fall-arrest where fall situation >600mm and for limited free fall where fall situation is <600mm and you should not climb above an anchor point.
- Always be aware of your surroundings when working at heights. Check for obstacles above and below you work area.
- If an Anchor point looks damaged, tag out or remove from service until its been inspected by a competent person.
- If in doubt about anchorages check with the manufacture and/or refer to EN 795:2012



Only authorized personnel can install and certify roofing anchors.

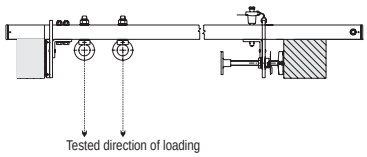
Edge Anchors

Door Anchor | AFA930950

Used in Industry



FEATURES



- The New KStrong Door Anchor provides a non–intrusive anchor point and can be easily installed inside the interior of a building or window opening enabling the most difficult jobs to get done safely and with confidence.
- The Door Anchor can be installed by just compressing it against the door or window frame, jamming itself between the two vertical sides.
- It is made of a highly corrosion resistant Aluminum Alloy.
- The Arms of the Door Anchor are adjustable, enabling installation on door / window frames of width from 60.0 cm to 125.0 cm.
- Fast and easy Installation with built in adjustment knob hence no tools or drilling is required.
- Extremely portable design for easy transport, storage and usage.
- Provided with two separate eye bolts enabling anchorage by two personnel at the same time.
- Certified for 2 users.

Kgs **4.85 kg ± 0.01 kg**

Material: Aluminum Alloy

Minimum Breaking Strength: 15 kN

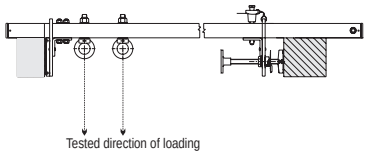
Conforms: EN 795:2012 Type B, TS 16415:2013 Type B (for up to 2 users)

Door Anchor | AFA930950M

Used in Industry



FEATURES



- The New KStrong Door Anchor provides a non–intrusive anchor point and can be easily installed inside the interior of a building or window opening enabling the most difficult jobs to get done safely and with confidence.
- The Door Anchor can be installed by just compressing it against the door or window frame, jamming itself between the two vertical sides.
- It is made of a highly corrosion resistant Aluminum Alloy.
- The Arms of the Door Anchor are adjustable, enabling installation on door / window frames of width from 60.0 cm to 95.0 cm.
- Fast and easy Installation with built in adjustment knob hence no tools or drilling is required.
- Extremely portable design for easy transport, storage and usage.
- Provided with two separate eye bolts enabling anchorage by two personnel at the same time.
- Certified for 2 users.

Kgs **4.2 kg ± 0.01 kg**

Material: Aluminum Alloy

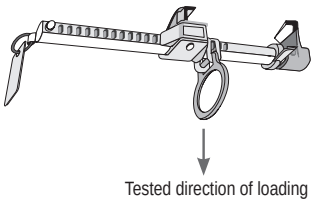
Minimum Breaking Strength: 15 kN

Conforms: EN 795:2012 Type B, TS 16415:2013 Type B (for up to 2 users), AS/NZS 5532:2013

Used in Industry

Beam Anchor | AFA930401





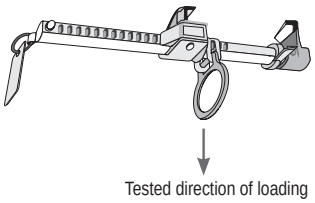
Kgs **1.87 kg ± 0.01 kg**

II 2 G
ATEX 2014/34/EU

Beam Anchor (Mini) | AFA930411



Flange width
adjustable from
75mm to 150mm



Kgs **1.56 kg ± 0.01 kg**

II 2 G
ATEX 2014/34/EU

FEATURES

- It is a temporary transportable Anchor device, and provides an Anchorage Point while being attached safely onto a beam, without penetrating it.
- The Beam Anchor arm has flanges made of brass, and is adjustable to suit different beam sizes.
- Once installed, the D-ring on the aluminum bar of the Beam Anchor can be used for connection with a variety of connectors for suitable Anchorage.

Material: Aluminum Alloy & Brass
Minimum Breaking Strength: 23 kN
Certified to: ATEX 2014/34/EU
Conforms to: EN 795:2012 Type B, ANSI Z359.18-2017 Type A

Beam Trolley Anchor | AFA930412

Used in Industry

FEATURES

- Provides a movable Anchorage Point using the length of the beam to which it is mounted, to move along with the user.
- Highly corrosion resistant and easy to install.
- Comes with adjustable flanges for use on different beam sizes.
- This trolley allows continuous safe Anchorage by allowing the Anchor Point to travel across the length of the beam, along with the user.
- The wheels of the trolley provide extremely smooth movement over the beam, over which it is mounted.

Material: Aluminum Alloy and Stainless steel

Minimum Breaking Strength: 23 kN

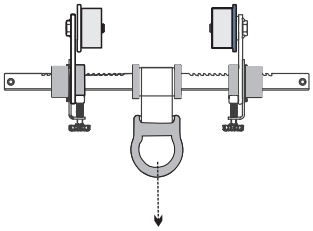
Flange Width: 80.0 mm to 250.0 mm

Certified To: EN 795:2012 Type B, ATEX 2014/34/EU

Conforms to: ANSI Z359.18-2017 Type A

Kgs **3.9 kg ± 0.01 kg** CE ANSI Ex II 2 G ATEX 2014/34/EU





Tested direction of loading

Vertical Beam Anchor | AFA930413

Used in Industry

FEATURES

- Designed to clamp vertically to create a fixed anchor point.
- Extremely rugged, compact in size and its lightweight design makes the beam clamp convenient and a reliable anchoring point.
- Easily installed without the use of any tools or fasteners.
- Easily fitted and removed using the adjustment nut and locking pin.
- Beam anchor is connected with a swivel D-Ring, which allows 360° rotation.
- Has flanges made of stainless steel which are adjustable to suit different beam sizes.

Material: Aluminum Alloy & Alloy Steel

Minimum Breaking Strength: 23 kN

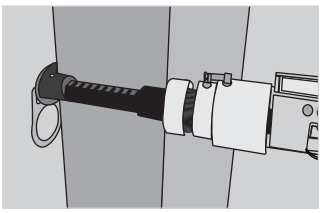
Flange Width: 90.0 mm to 340.0 mm

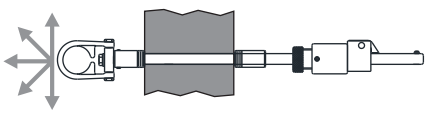
Certified to: EN 795:2012 Type B

Kgs **2.62kg± 0.02kg** CE

Flange width adjustable from
90mm to 340mm





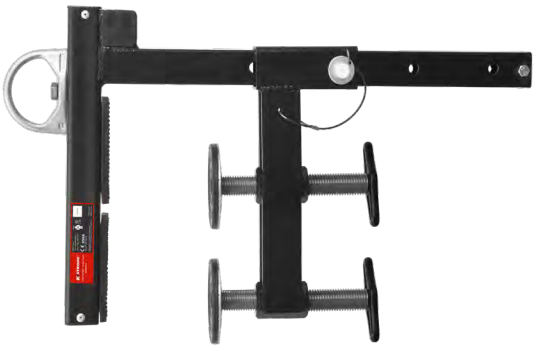


Parapet Anchor | AFA930101

Used in Industry

FEATURES

- KStrong Parapet Anchor provides a safe anchorage point on Parapets and facades for use on various structures.
- A regular Screw-bolt anchor cannot be used in such places because it may damage the base structure, KStrong Parapet Anchor preserves the look of the parapet and facade, while providing a safe anchorage point.
- The soft part on the inner side of the flanges also ensures that the Parapet is not damaged.
- Has adjustable Flanges which makes the device versatile for use on various structures having a width ranging from 60mm to 360mm.
- Ensure the swing of the user is less than 30 degrees while working in a suspended condition.



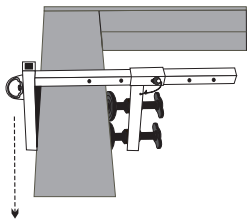
Material: Alloy Steel with ED coated black

Minimum Breaking Strength: 23 kN

Flange Width: 60.0 mm to 360.0 mm

Certified to: ATEX 2014/34/EU

Conforms: EN 795:2012 Type B, ANSI Z359.18-2017 Type A



Tested direction of loading

Kgs **9.0 kg ± 0.01 kg** CE ANSI Ex II 2 G ATEX 2014/34/EU

Edge Fix Anchor Post | AFA930901

Used in Industry

FEATURES

KStrong offers a portable and extremely easy to install Anchor Post for installation of Horizontal Line on steel construction I-Beam section.

- Span lengths are adjustable with the help of intermediates.
- The post comes with a unique tilted design to allow unobstructed movement of the user during the construction of roofs or metal structure.
- Can be used by maximum 4 users simultaneously.
- Compatible with beam having flange width of 150.0mm to 220.0mm.
- Comes with universal extremity plate AFF113710 for making connections.



Material: ED coated high strength Alloy Steel

Minimum Breaking Strength: 15 kN

Conforms: EN 795:2012 Type B, TS 16415:2013 Type B

Kgs **12.80 kg** CE

Container Anchor Post with Swivel Eye | AFA930602

Used in Industry

FEATURES

- Container Anchor post is meant to provide a temporary anchor for working on top of 20ft and 40ft shipping containers.
- In addition to use as a stand-alone anchor post, Container Anchor Post can also be used to form a Horizontal Lifeline over the top of container depending upon the requirement of work to be done.
- Comes with a side lock and tag line arrangement for easy and secure installation by one person only.
- Consists of side handle with special grip for easy carrying and safe transportation.
- Can be easily removed without damaging the container.
- Consists of one swivel eye for anchorage / making connections.

Material: Alloy Steel with ED coated black

Minimum Breaking Strength: 15 kN

Conforms to: EN 795:2012 Type B & TS 16415:2013 Type B

Kgs **14.53 kg** CE





Removable Concrete Anchor | AFA930301

Used in Industry

FEATURES

- KStrong introduces an anchorage point which is extremely easy to install using a single hand.
- Designed in a way that it can be removed from the structure, without damaging the structure or anchor, thus allowing reuse.
- Can be installed through a pre-defined hole of diameter 18-19mm through a drilling depth of 110mm.
- The flanges are pulled in when the eye of the anchor is pulled allowing the anchor to pass through the hole. When the eye is released, these flanges fan out along the outer part of the concrete wall, and hold the anchor in its place.

Material: Clamping Jaws- Stainless Steel

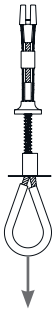
Anchor Loop- Polyurethane

Galvanized Wire Rope of dia 6.0mm

Minimum Breaking Strength: 23 kN

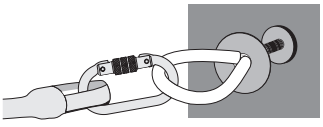
Conforms to: EN 795:2012 Type B & AS/NZS 5532:2013

Kgs **150.0 gm ± 10 gm** CE



Tested direction of loading



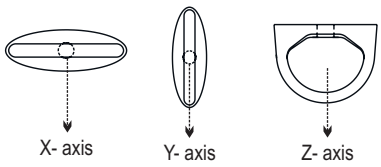


Used in Industry

Single Point Anchor

AFA930001SS

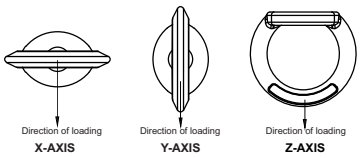




SS Abseiling Anchor

AFA930002





TECHNICAL SNAPSHOT

Product Code	AFA930001SS	AFA930002
Material	Stainless Steel	Stainless Steel
Application	Forged Single point Anchor designed to be fixed on walls, ceiling, roof-tops, and steel structures.	The Forged Single Point Anchor that has been tested to withstand the required load of 40kN from all the 3 axes, providing the highest level of safety.
Breaking Strength	45 kN	40 kN
Finish	Polished	Polished
Process	Forged	Forged
Certification	EN 795:2012 Type A, TS 16415:2013 Type A and ANSI Z359.18-2017 Type A AS/NZS 5532:2013	EN 795:2012 Type A, TS 16415:2013 Type A and AS/NZS 5532:2013
Weight	380.0 gms ± 10.0 gms	223.0 gms ± 10.0 gms

Used in Industry

Anchor Bolt
AFA930316



Concrete Anchor
AFA930316C



Chemical Anchor bolt not supplied

Removable Concrete Anchor C/W Sleeve
AFA930310



TECHNICAL SNAPSHOT

Product Code	AFA930316	AFA930316C	AFA930310
Material	Alloy Steel	Alloy Steel	**Fully Threaded Stud:** Stainless Steel **Anchorage Eye:** Alloy Steel
Application	Can be easily installed on the concrete and metal structure with the help of M16 chemical as well as mechanical fasteners. The D-ring can be used as an anchor point.	Can be easily installed on the concrete and metal structure with the help of M16 chemical as well as mechanical fasteners. The D-ring can be used as an anchor point.	KStrong Removable Chemical Fastener is provided with a lock to prevent the anchorage eye from coming out of the stud accidently. This Anchor is capable of being installed on a concrete structure having minimum thickness of 150mm through a Pre-defined hole of 20.0 mm diameter.
Breaking Strength	44 kN	44 kN	15 kN
Finish	Shot blasted and blue passivation	Shot blasted and blue passivation	**Fully threaded stud:** Polished **Anchorage Eye:** Shot blasted
Certification	EN 795:2012 Type A, ANSI Z359.1-2007 AS/NZS 5532:2013	EN 795:2012 Type A, ANSI Z359.1-2007 AS/NZS 5532:2013	EN 795:2012 Type A, ANSI Z359.1-2007 & AS/NZS 5532:2013
Weight	280.0 gms ± 20.0 gms	280.0 gms ± 20.0 gms	346.0 gm ± 10.0 gm

Used in Industry

Edge Stainless Steel M12 Concrete Anchor Point 15 kN

AFA935515



Edge Stainless Steel M16 Concrete Anchor Point 15 kN

AFA935508(100)



TECHNICAL SNAPSHOT

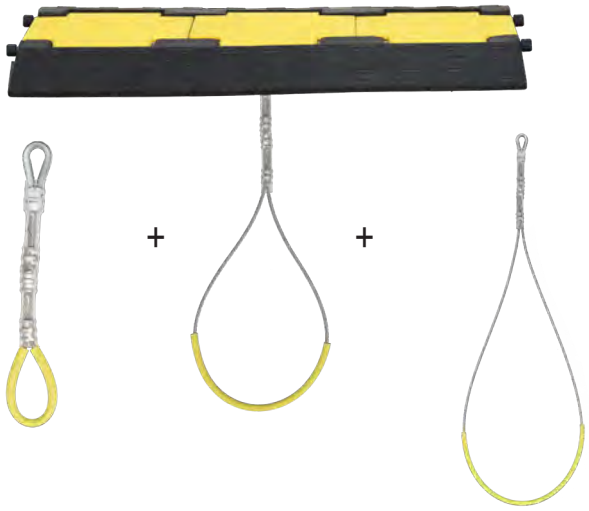
Product Code	AFA935515	AFA935508(100)
Material	**Eye nut:** Stainless steel. **Whole thread Bolt :** Stainless steel.	**Eye nut and Main Body:** Stainless steel. **Finish:** Polished
Application	M12 x 110mm anchor bolt design to be fixed into a concrete structure to create permanent anchor.	M16 x 100mm anchor bolt design to be fixed into a concrete structure to create permanent anchor.
Breaking Strength	15 kN	23 kN
Certification	ANSI Z359.18-2017 Type A & AS/NZS 5532:2013	EN 795:2012 Type A & AS/NZS 5532:2013
Weight	299.3 gms ± 10.0 gms	330.0 gms ± 10.0 gms

Used in Industry

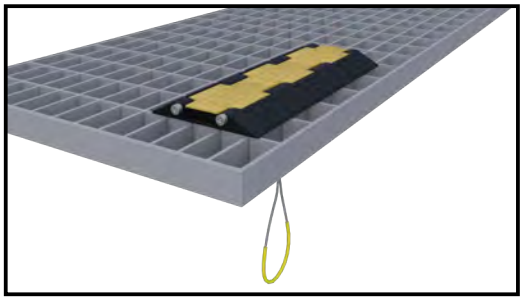
Duckboard Anchor

AFA9930125(500)

Duckboard Anchor, an essential addition for ensuring safety on platforms, bridges, and horizontal surfaces featuring pressed steel gratings with a minimum mesh of 30 mm x 30 mm. Designed with simplicity and efficiency in mind, this anchor is lightweight and effortless to install. Supplied with 3 Wire Sling Loops, 250mm , 500mm, 750mm and an 8.5m Tagline.



250 mm + 500 mm + 750 mm





TECHNICAL SNAPSHOT

Product Code	AFA930125(500)
Material	**Casing:** Polymer with Aluminum Reinforced Plate **Anchor Slings:** 4.8mm GI Wire
Breaking Strength	15 kN
Certification	EN 795:2012 Type B & AS/NZS 5532:2013
Weight	3.75 kg ± 10.0 gms

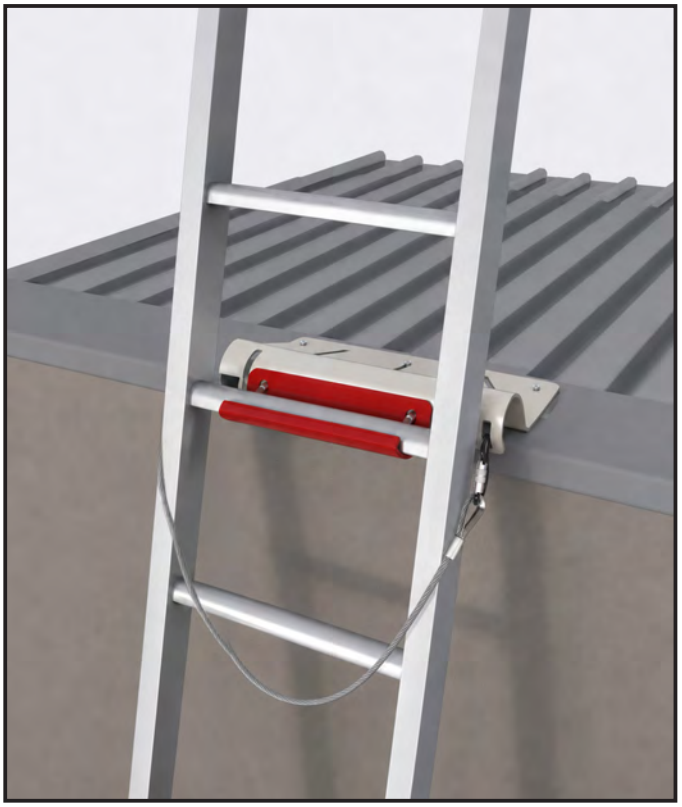
Used in Industry

Ladder Mount Bracket

AFA930123

KStrongs Top & Wall Mount Ladder Bracket has been designed to provide a secure anchorage point for portable ladders, minimizing movement and improving worker stability while accessing elevated areas. Suitable for permanent Roof or Wall mount installation.





TECHNICAL SNAPSHOT

Product Code	AFA930123
Material	**Bracket:** High Strength Steel, Powder Coated **Karabiner:** Aluminum 15 kN **Wire Cable:** PVC Coated SS Wire
Breaking Strength	15 kN
Certification	EN 795:2012 Type B & AS/NZS 5532:2013
Weight	4.20 kg ± 10.0 gms

*Note: Anodizing Colours may vary

Webbing Anchors

Used in Industry

Cross Arm and Concrete Arm Strap

KStrong provides a wide range of Webbing Anchor Straps of various configurations and lengths that can be altered as per the requirement. The Edge Anchor Straps can be attached to concrete, Steel or suitable structures that have a minimum rating of 15 kN.

AFA920015



AFA921515



AFA921005 and AFA921010



TECHNICAL SNAPSHOT

Product Code	AFA920015	AFA921515	AFA921005 & AFA921010
Material	44 mm wide Polyester webbing	20.0 mm wide Polyester webbing	44.0 mm wide Polyester webbing
Length	1.5 m	1.5 m	0.5 m & 1.0 m
Attachment End	Small D-Ring at one end and a bigger D-Ring at other end. Supplied with back pad for added protection when using on sharp edges.	NA	Textile Loops
Breaking Strength	23 kN	23 kN	23 kN
Certification	EN 795:2012 Type B, AS/NZS 5532:2013	EN 795:2012 Type B, EN 566:2017, AS/NZS 5532:2013	EN 795:2012 Type B, EN 566:2017, AS/NZS 5532:2013
Weight	577.0 gms ± 10.0 gms	165.0 gms ± 10.0 gms	128.0gms & 205.0 gms ± 10.0 gms

HotWorX Welders Cross Arm Strap | AFA927015

Used in Industry

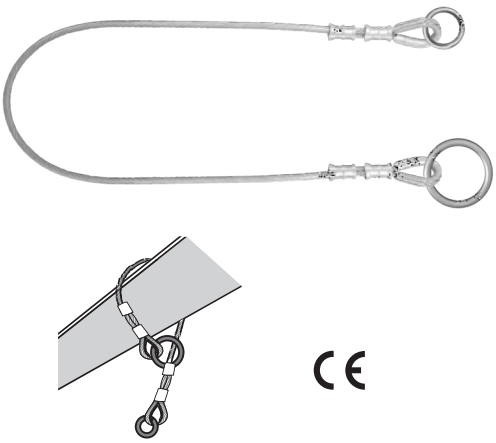


TECHNICAL SNAPSHOT

Product Code	AFA927015
Material	44 mm wide Para-Aramid Fiber webbing
Length	1.5 m
Attachment End	D-Ring on both the ends
Breaking Strength	23 kN
Certification	EN 795:2012 Type B, ISO 9150:1988 & EN ISO 15025:2002
Weight	260.0 gms ± 10.0 gms

Anchorage Steel Wire Rope Sling | AFA910118

Used in Industry



TECHNICAL SNAPSHOT

Product Code	AFA910118
Material	PVC Coated G.I Wire Rope of dia 8.0 mm
Length	1.8 m
Attachment End	One side forged O-ring, and other side small
Minimum Breaking Strength	23 kN
Certification	EN 795:2012 Type B, AS/NZS 5532:2013
Weight	720.0 gms ± 10.0 gms

Type E Anchor

Type E anchor devices are created by connecting multiple sections of mass to create a large deadweight and, in many cases, are designed to be used on multiple roof surfaces without the need to affect the roof integrity.

Used in Industry

Counter Weight Anchor

KStrong offers the Counter Weight Anchor which provides an anchorage point on the roofs in absence of guard rails or permanent anchorage devices without damaging the roof surface. Can be dismantled & transported by a single person, since the individual elements do not weight more than 25 kg each.

FEATURES

Has top steel plates which are hot dip galvanized / ED coated and provide the required weight. (12 total)

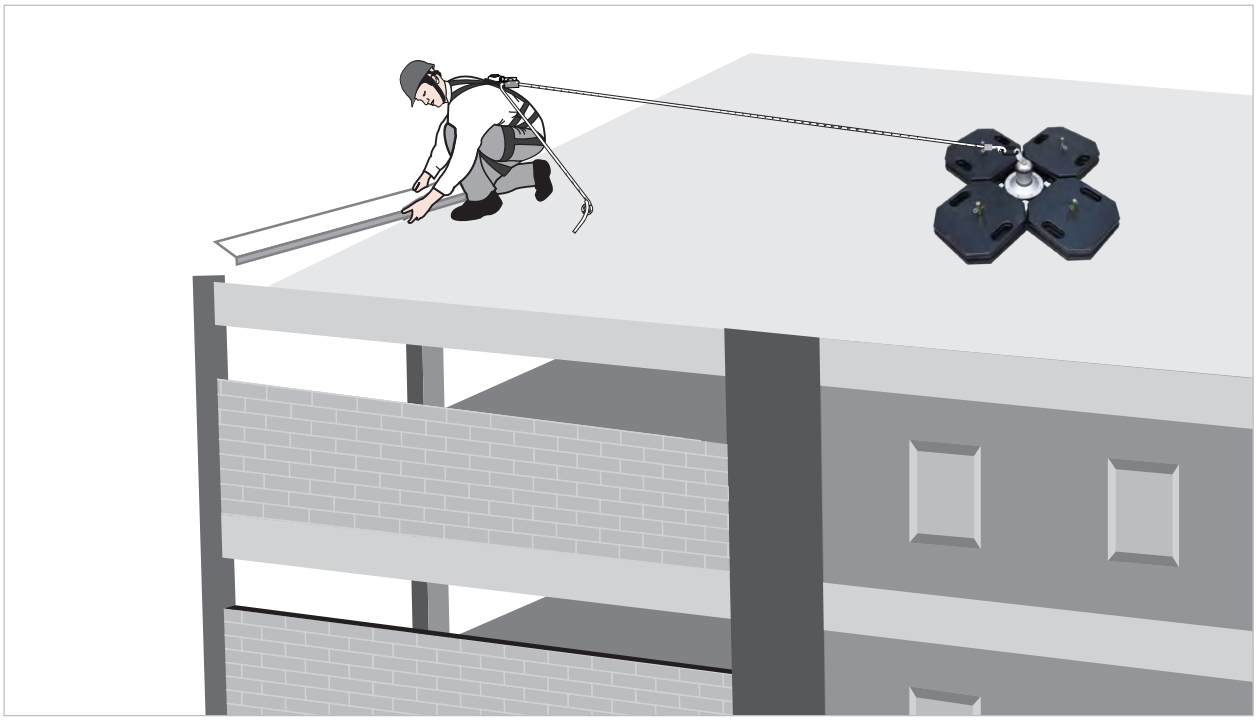
The bottom plates are rubber coated to provide proper grip over the roof surface. (4 total) All the plates are held together by steel cross bars.

Central extended anchorage eye provides anchorage for up to 1 user (140kg) and ensures that the connecting lanyard does not rub onto the ground Can be used as a fall restraint system



TECHNICAL SNAPSHOT

Product Code	Material	Finish	MBS of System	Total System Weight	Weight of individual plates	Conforms to
AFA935865	High Strength Alloy Steel	ED coated black	15 kN	400 kg	25 kg	EN 795:2012 Type E and TS16415:2013 Type E



CONFINED SPACE



H-Base Davit Arm

KStrong Extreme Davit systems have been designed for confined space entry / retrieval applications. Its modular interchangeable design allows the system to be mounted on multiple bases for all applications.

Used in Industry



AFT751011

II 2 G
ATEX 2014/34/EU

FEATURES

- The Extreme H-Base Davit breaks down into five components for easy storage, transport and set-up. No tools are required for assembly.
- The modular design allows the use of various fixed and portable bases and an optional mast with extensions.
- Cantilever arm comes with 3 adjustment positions for the user to adjust the height as per the requirement.
- An ideal choice to provide overhead anchorages in large holes of confined space.
- Removable legs for easy transportation and installation purpose.
- Anchorage points for rescue applications.
- Simple height adjustment arms with Mini Spirit level.
- Inbuilt swivel feature, Davit column assembly can be rotated up to 360° (without a load) by removing the locking pins provided to lock column and H-Base.



Product Code	Picture	Bracket used for Mounting
AFT710007UW		Winches AFT730020, AFT730040, AFT730042
AFT710007UR		Retrieval Blocks AFS510020R, AFS510030R

Height adjustment and reach

Setting	Upper	Middle	Lower
Distance from Column	0.675 m	0.845 m	0.920 m
Height of arm	2.280 m	2.000 m	1.660 m

TECHNICAL SNAPSHOT

Product Code	AFT751011
Material	High Strength and Durable Aluminum Alloy
Min. & Max. Opening of H Base	Ø1100 mm - Ø1510 mm
Maximum Load Capacity	500 kg (for Confined Space Rescue) 250 kg (for Material Lifting as per Machine Directive)
Finish	ED Coated
System Strength	15 kN
Certification	EN 795:2012 Type B, AS/NZS 5532:2013 & ATEX 2014/34/EU
Weight	64.12 kg ± 0.10 kg

Modular Davits and Bases

Used in Industry

AFT751021



II 2 G
ATEX 2014/34/EU

AFT751031



II 2 G
ATEX 2014/34/EU

AFT751041



II 2 G
ATEX 2014/34/EU

Accessories of Extreme Davit



Core Mounting Sleeve Assembly
AFT755002

Comes with



Wall Mounting Bracket
(AFT7500BW)



Floor Mounting Bracket
(AFT7500BF)

Product Code	Picture	Bracket used for Mounting
AFT710007UW		Winches AFT730020, AFT730040, AFT730042
AFT710007UR		Retrieval Blocks AFS510020R, AFS510030R

Arm adjustment

AFT751021/ AFT751031/AFT751041	Upper	Middle	Lower
Distance from Column	0.675 m	0.845 m	0.920 m
Height of arm	1.900 m	1.620 m	1.280 m

APPLICATION

Public Utilities: Vault and manhole entry, pump / lift / valve stations, water treatment and wastewater industries.

General Industry (Food, Chemical, Pulp and Paper): Elevated manholes, storage tanks, platforms / mezzanines, underground vaults, clarifier tanks, pre-heaters.

TECHNICAL SNAPSHOT

Product Code	AFT751021	AFTZ51031	AFT751041
Material	High Strength and Durable Aluminum Alloy	High Strength and Durable Aluminum Alloy	High Strength and Durable Aluminum Alloy
Maximum Load Capacity	500 kg (for Confined Space Rescue) 250 kg (for Material Lifting as per Machine Directive)	500 kg (for Confined Space Rescue) 250 kg (for Material Lifting as per Machine Directive)	500 kg (for Confined Space Rescue) 250 kg (for Material Lifting as per Machine Directive)
Finish	Powder Coated	Powder Coated	Powder Coated
System Strength	15 kN	15 kN	15 kN
Certification	EN 795:2012 Type A AS/NZS 5532:2013 ATEX 2014/34/EU	EN 795:2012 Type A AS/NZS 5532:2013 ATEX 2014/34/EU	EN 795:2012 Type B AS/NZS 5532:2013 ATEX 2014/34/EU
Weight	44.49 kg (Davit Weight) 9.38 kg (Floor Mount Base Weight)	44.44 kg (Davit Weight) 9.97 kg (Wall Mount Base Weight)	44.44 kg

Hitch Mounting Davit

AFT751085

Used in Industry



Parts of Hitch Mounting Davit



Lower Mast
AFT751050



Tow-Hitch
AFT751058

Arm adjustment

AFT751085	Upper	Middle	Lower
Distance from Column	0.675 m	0.845 m	0.920 m
Height of arm	2.480 m	2.200 m	1.890 m



AFT710007UR
Universal Mounting Bracket for mounting Retrieval Blocks
*to be purchase separately

FEATURES

- The Hitch Mounting Davit (AFT751085) is a portable fall arrest system that offers a safe and secure solution for accessing confined spaces where overhead support structures are not available.
- The Davit can be easily and quickly attached to a vehicle with a tow hitch. This allows for convenient transportation and deployment of the system.
- The system comes with a upper mast offset (boom) that offers three adjustment positions. Users can adjust the height of the arm according to their requirements, providing flexibility in different confined space situations.
- The Davit includes a foldable leg, which aids in transportation and installation. The leg can be folded when not in use, making it easier to store and carry the system.
- The Hitch Mounting Davit is compatible with specific KStrong winches, such as AFT730020, AFT730040, AFTZ30042, AFT730120 and AFT730135. It is also compatible with retrieval blocks AFS510020R and AFS510030R . Each of these devices has its respective mounting bracket AFT710007UR for secure attachment to the Davit.
- The trailer hitch mount of the Davit is designed to fit into a 2" (51.0mm) hitch receiver. This allows the system to be attached to any vehicle with a compatible hitch receiver, providing a portable anchor point for confined space entry, retrieval, rescue, and fall arrest operations.
- Certified to EN 795:2012 Type B and AS/NZS 5532:2013

TECHNICAL SNAPSHOT

Material	Maximum Load Capacity	Finish	System Strength	Weight
High strength and durable Aluminum Alloy	500 kg (for Confined Space Rescue) 250 kg (for Material Lifting as per Machine Directive)	Powder Coated	15 kN	56.54 kg

Dead Weight Davit

AFT751090

Used in Industry



Parts of Dead Weight Davit



Trolley
AFT751095



Dead Weight(26 Nos.)
AFT751025
650.0 kg ± 0.20 kg



AFT710007UR
Universal Mounting Bracket for mounting Retrieval Blocks
*to be purchase separately

Arm adjustment

AFT751090	Upper	Middle	Lower
Distance from Column	0.675 m	0.845 m	0.920 m
Height of arm	2.220 m	1.950 m	1.630 m

FEATURES

- The Dead Weight Davit is a portable fall arrest system designed to provide a safe and secure means of accessing confined spaces where traditional overhead support structures and base grouting are not feasible.
- The system consists of a dead weight trolley with 650kg dead weight plates (excluding trolley weight), providing stability during operation. This ensures that the system remains secure and steady during use.
- The Dead Weight Davit is designed to be compatible with specific KStrong Winches, including AFT730020, AFT730040, AFTZ30042, AFT730120 and AFT730135. It also works with Retrieval Blocks AFS510020R and AFS510030R. Each of these components can be mounted using their respective mounting bracket AFT710007UR.
- The system is equipped with wheels on the trolley, making it easy to move from one location to another. This allows for flexibility and convenience when working in different areas.
- The upper mast offset (boom) of the Dead Weight Davit comes with three adjustable positions, enabling the user to set the height according to the specific requirements of the task or confined space being accessed.
- The trolley is equipped with a height adjuster, which ensures proper stability of the anchor post during operation. This feature enhances safety and security while working at heights.
- Certified to EN 795:2012 Type B.

TECHNICAL SNAPSHOT

Material	Maximum Load Capacity	Finish	System Strength	Weight
High strength and durable Aluminum Alloy	500 kg (for Confined Space Rescue) 250 kg (for Material Lifting as per Machine Directive)	Powder Coated	21 kN	750kg ± 0.20 kg including 650kg dead weight

Shoring Adjustable Davit Base

AFT755015

Used in Industry



FEATURES

- Sliding frame assembly helps installation on varying thickness of the parapet.
- Tightening on to the parapet by use of gripping disks.
- Shoring Barrel Mounting Adapter compatible with Davit/Mast suitable to be installed on the structure such that the anchor point lies at the top on the outside facade of the building.
- Conforms to EN 795:2012 Type B, TS 16415:2013 Type B & AS/NZS 5532:2013

TECHNICAL SNAPSHOT

Material	Compatible Width	Finish	System Strength	Weight
High Strength Alloy Steel	90.0 mm to 630.0 mm	ED Coated Black	15kN	29.90 kg ± 0.10 kg.

Barrel Mount

AFT755016

Used in Industry



FEATURES

- Barrel Base Mount are to be used with Davit Arms and Lower Mast Extension.
- The Barrel Base Mount is designed for installation to existing edges, walls and other properly rated structures.
- Allows 360° mast rotation.
- Conforms to EN 795 : 2012 Type B, TS16415 : 2013 Type B

TECHNICAL SNAPSHOT

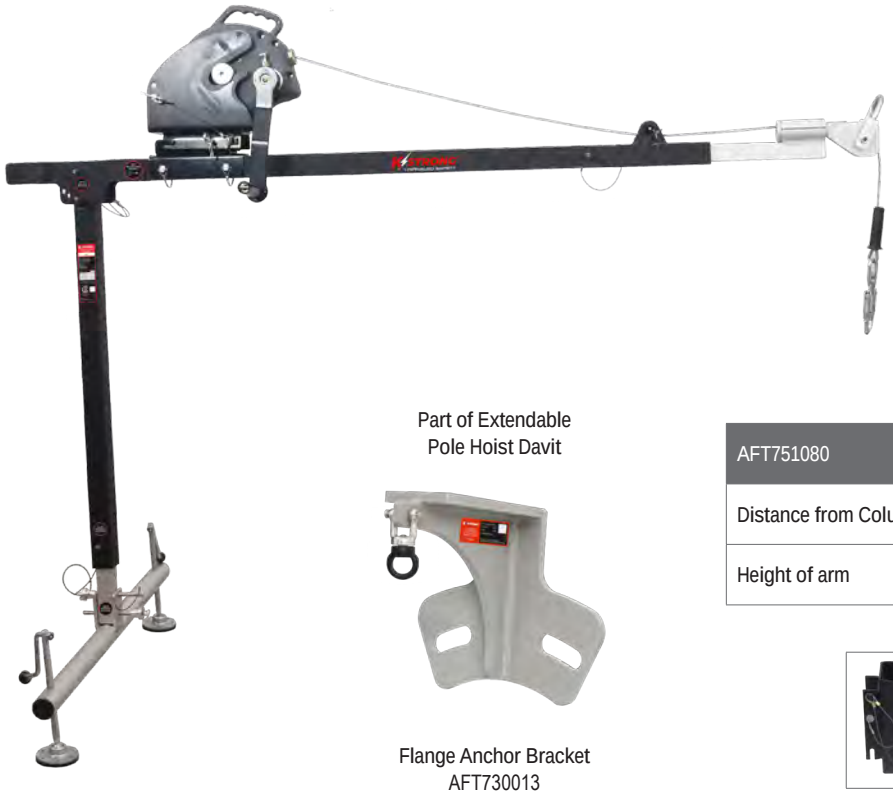
Material	Compatible Width	Finish	System Strength	Weight
High Strength Alloy Steel	88.0 mm	Powder Coated	15kN	21.08 kg ± 0.10 kg.

Extendable Pole Hoist Davit

AFT751080

Used in Industry

II 2 G
ATEX 2014/34/EU



Part of Extendable Pole Hoist Davit

Flange Anchor Bracket
AFT730013

Arm adjustment

AFT751080	Upper	Middle	Lower
Distance from Column	1.240 m	1.520 m	1.750 m
Height of arm	2.540 m	2.140 m	1.320 m



AFT710007UR
Universal Mounting Bracket for mounting Retrieval Blocks
*to be purchase separately

FEATURES

- The Davit system has three adjustment points, allowing it to be used in various locations where the anchor point is at a low level. This flexibility enables the system to adapt to different work environments.
- The end of the upper mast offset (boom) of the Davit system is equipped with an inbuilt swivel feature. This allows for rotation and movement, providing enhanced manoeuvrability during operations.
- The Upper mast offset (boom) of the system comes with three adjustable positions, allowing the user to adjust the height according to specific requirements. This adaptability ensures optimal positioning for the task at hand.
- The base of the Davit system is equipped with swivel pads. The pads help provide balance and stability during installation, enhancing the safety and effectiveness of the system.
- The Davit system comes with pre-installed mounting brackets that are compatible with KStrong winches, including AFT730020, AFT730040, AFTZ30042, AFT730120 and AFT730135. It also works with Retrieval Blocks AFS510020R and AFS510030R. Each of these components can be mounted using their respective mounting bracket AFT710007UR.
- The Davit system is designed to be used in both vertical and horizontal confined space entries. This versatility makes it suitable for various confined space applications where a regular anchorage system may not be feasible due to limited height constraints or specific entry requirements.
- Comes with anchor point AFT730013 to be used to access the side entry vessels and tanks.
- Certified to EN 795:2012 Type B, AS/NZS 5532:2013 & ATEX 2014/34/EU

TECHNICAL SNAPSHOT

Material	Maximum Load Capacity	Finish	System Strength	Weight
High strength and durable Aluminum Alloy	500 kg (for Confined Space Rescue) 250 kg (for Material Lifting as per Machine Directive)	Powder Coated	15 kN	13.19 kg ± 0.10 kg

Tripod

KStrong Extreme Tripod has been designed for confined space entry/ retrieval applications. Suitable for 2 Users Its simplistic design allows easy set up providing the user a means of controlled ascent and descent in minimal time.

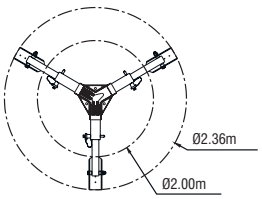
Used in Industry

AFT710007HD and AFT710010HD

II 2 G
ATEX 2014/34/EU

FEATURES

- Double integral head mounted pulleys which is permanently incorporated in the cast aluminum head of the Tripod and provides independent passing over of cable from a Winch and a Retrieval Block.
- Two 23kN auxiliary eye bolts as attachment points.
- Consists of Steel support-shoes provided with rubber sole to increase friction and impart more stability.
- Every Tripod is provided with pre-installed universal mounting attachments to easily mount the Winch and Retrieval Blocks.
- Can be used with Winches AFT730020, AFT730040 and AFT730042 when used with AFT710007UW Winch Bracket and Retrieval Blocks AFS510020R and AFS510030R when used with AFT710007UR Retrieval Bracket.
- Comes with a sturdy bag to pack.



Product Code	Picture	Bracket used for Mounting
AFT710007UW		Winches AFT730020, AFT730040, AFF730042
AFT710007UR		Retrieval Blocks AFS510020R, AFS510030R
AFT710007TB		Tripod mounting bracket



TECHNICAL SNAPSHOT

Product Code	AFT710007HD (7ft)	AFT710010HD (10ft)
Material	Aluminum Alloy	Aluminum Alloy
Wheelbase Footprint (Ø)	1.5 m	2 m
Personal Use Materials Handling	200 kg 650 kg	200 kg 650 kg
Certified to	EN 795:2012Type B, AS/NZS 5532:2013 & ATEX 2014/34/EU	EN 795:2012Type B, AS/NZS 5532:2013 & ATEX 2014/34/EU
System Strength	23kN	23kN
Weight	19.01 kg ± 0.10 kg	23.83 kg ± 0.10 kg

KStrong Extreme Davit

KStrong Extreme Davit provides a safe and secure system for easy access to confined spaces. It has been specifically designed to be used in hostile corrosive environments such as Offshore, Petrochemical Industry, Water Treatment plants and Food processing Industries.

Used in Industry



AFT7500

FEATURES

- Made of highly corrosion resistant stainless steel.
- Can swivel a complete 360 degrees on its mounted base, hence providing a versatile reach and access.
- Height of the Cantilever arm of the Extreme Davit is adjustable. This enables the use of the Extreme Davit even in those areas where the roof height is limited.
- Easily mounted on the floor as well as on the wall through special floor and wall mounting brackets. The Extreme Davit can also be mounted on the floor of heavy vehicles, hence making it extremely versatile in use.
- Equipped with universal mounting bracket to install Winches AFT730020, AFT730040 & AFT730042 onto the Extreme Davit.
- Retrieval Fall Arrester Block AFS510020R, AFS510030R can also be installed for easy retrieval and arresting the fall of the user using the specialized mounting bracket AFT7500B20 and AFT7500B30 respectively.



II 2 G
ATEX 2014/34/EU

Accessories of Extreme Davit

Core Mounting Sleeve Assembly
AFT755002

Wall Mounting Bracket
(AFT7500BW)



Floor Mounting Bracket
(AFT7500BF)

Product Code	Picture	Bracket used for Mounting
AFT7500B30		30m Retrieval Block AFS510030R
AFT7500B20		20m Retrieval Block AFS510020R

Setting	Upper	Middle	Lower
Distance from bar	0.72 m	1.0 m	1.08 m
Height of arm	2.3 m	1.9 m	1.5 m

TECHNICAL SNAPSHOT

Product Code	AFT7500
Material	Stainless Steel Polished
Maximum Load Capacity	300 kg
System Strength	15 kN
Certified to	EN795:2012 Type A, AS/NZS 5532:2013 & ATEX 2014/34/EU
Weight	Cantilever Arm: 15.9 kg Boom Upright: 19.2 kg Floor mount Base: 9.38 kg Wall Mount Base: 9.97 kg Concrete Sleeve Insert: 2.02 kg

Winches (For Confined Space and Rescue Application only)

KStrong Extreme Winches have been designed for lifting and lowering, ideal for a range of applications including confined space work, rescue, positioning and personnel/material handling. The KStrong Winches are compatible with Extreme Davits & Tripods.

Used in Industry

AFT730042 (20m)



II 2 G
ATEX 2014/34/EU

FEATURES

- Personal / Materials Winch designed for rescue applications only.
- Secondary Brake mechanism providing additional safety to the user.
- Comes with universal mounting bracket to attach the Extreme Davits and Tripods for quick and easy installation.
- Handle rotating mechanism for lifting or lowering.
- For Personal use, you must used in-conjunction with a Fall Arrest Block as back up.

AFT730120 (20m) & AFT730135 (35m)



II 2 G
ATEX 2014/34/EU

FEATURES

- Personal / Materials Winch designed for rescue applications only.
- Comes with an independent reel mode for quick and easy installation of the winch.
- Equipped with a secondary brake mechanism which reduces the dynamic load impact felt on the user in the event of a fall, to less than 6 kN.
- Comes with universal mounting bracket to attach the Extreme Davits and Tripods for quick and easy installation .
- Handle rotating mechanism for lifting or lowering.

TECHNICAL SNAPSHOT

Product Code	AFT730042	AFT730120 (20 m), AFT730135 (35 m)
Winch Line Material	Galvanized Steel Wire Rope of dia 4.8 mm	Galvanized Steel Wire Rope of dia 6.0 mm
Length of Cable	20.0 m	20.0 m and 35.0 m
Maximum Load Capacity	Personal 140 kg & Materials 250 kg	140 kg
Connector	Steel Swivel ANSI Snap Hook	Steel Swivel ANSI Snap Hook
Certified to	ATEX 2014/34/EU	ATEX 2014/34/EU
Conforms to	EN 1496:2017 Class B & ANSI Z 359.1-2007	EN 1496:2017 Class B
Weight	11.49 kg ± 0.010 kg	13.30 kg & 15.25 kg

ROPE ACCESS AND RESCUE



Rope Access

Rope access or industrial climbing is a form of work positioning, initially developed from techniques where ropes and specialized equipment like Pulleys, Karabiners, Rigging plates are used. By using practical ropework it allows workers to access difficult-to-reach locations without the use of scaffolding, cradles, or an aerial work platform.

Why Rope Access?

Rope Access Equipment, Techniques, and Training can be combined to produce an exceptionally versatile, safe, cost-effective and efficient way to solve vertical access challenges.

- Provides access to reach difficult locations.
- Quick Installation and dismantling of the system compared to the traditional methods.
- Less Manpower requirement.
- Rope Access requires far less time spent on site than in preparation for the traditional access method. For example, erection of scaffolding may take longer time than the actual time taken to do the job.
- Rope Access technique is extremely safe as compared to the traditional methods. In traditional access methods like erection of scaffolding or cradling, dropping of tools or trips can account for accidents.
- When scaffolding is erected to complete work on an existing structure it defaces the structure. It also disturbs those who work inside and walk beside the building. With Rope access technique, no such issue occurs as it does not cause any disturbance to those working inside the building.



Single Pulley with One Side Attachment

AFX206015



Double Pulley with Two Side Attachment

AFX206016



TECHNICAL SNAPSHOT

Product Code	AFX206015	AFX206016
Material	Body- Aluminum Alloy Sheave- Stainless Steel	Body- Aluminum Alloy Sheave- Stainless Steel
Breaking Strength	65 kN	45 kN
Works on	10mm to 13mm dia Kernmantle Rope	10mm to 13mm dia Kernmantle Rope
Finish	Body- Coloured Anodized Sheave- Electro Polished	Body- Coloured Anodized Sheave- Electro Polished
Weight	264.0 gms±20 gms	437.0 gms±20 gms
Certification	EN 12278:2007	EN 12278:2007

*Note: Anodizing Colours may vary

Single Pulley with Three Attachments

AFX206017



CE

Aluminum Double Tandem Pulley big with SS Sheaves

AFX206004



CE

Aluminum Double Tandem Pulley Small with SS Sheaves

AFX206009



CE Ex II 2 G
ATEX 2014/34/EU

TECHNICAL SNAPSHOT

Product Code	AFX206017	AFX206004	AFX206009
Material	Body- Aluminum Alloy Sheave- Stainless Steel	Body- Aluminum Alloy Sheave- Stainless Steel	Body- Aluminum Alloy Sheave- Stainless Steel
Breaking Strength	45 kN	40 kN	40 kN
Finish	10mm to 13mm dia Kernmantle Rope	10mm to 12mm dia Kernmantle Rope	Body- Coloured Anodized Sheave- Electro Polished
Works on	Body- Coloured Anodized Sheave- Electro Polished	Body- Coloured Anodized Sheave- Electro Polished	10mm to 12mm dia Kernmantle Rope
Weight	328.0 gms±20 gms	820.0 gms ± 20 gms	820.0 gms ± 20 gms
Certification	EN 12278:2007	EN 795:2012 Type B, EN12278:2007	EN 795:2012 Type B EN12278:2007 & ATEX 2014/34/EU

*Note: Anodizing Colours may vary

Both Side Openable From Top Swivel Assembly

AFX200630



Swivel Assembly

AFX200631



One Side Openable Swivel Assembly

AFX200632



Both Side Openable From Side Swivel Assembly

AFX200633



TECHNICAL SNAPSHOT

Product Code	AFX200630	AFX200631	AFX200632	AFX200633
Material	Swivel- Aluminum Alloy Locking Pins- Stainless Steel Polished	Aluminum Alloy	Pulley- Anodized Aluminum Threaded Locking Pin- Stainless Steel Polished	Swivel- Aluminum Andodised Gates- Stainless Steel
Breaking Strength	23 kN	23 kN	23 kN	23 kN
Finish	Natural Silver / Colored Anodized	Natural Silver / Colored Anodized	Natural Silver / Colored Anodized	Body- Coloured Anodized Sheave- Electro Polished
Weight	221 gm ± 10 gm	135 gm ± 10 gm	155 gm ± 10 gm	210 gm ± 10 gm
Certification	EN 354:2010, PPE-R/11.135 V3	EN 354:2010, PPE-R/11.135 V3	EN 354:2010, PPE-R/11.135 V3	EN 354:2010, PPE-R/11.135 V3

*Note: Anodizing Colours may vary

Ascender Handle (L)

AFX204002



Ascender Handle (R)

AFX204001

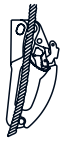


CE

INSTALLATION STEPS



Pulling the spring lever down and outside



Putting the Rope



Pressing the spring liver down to lock the Rope



Checking the locking of the Rope



Putting the Karabiner to ensure that the Rope does not slip



Putting the Ascender handle to ensure the clamp locking

TECHNICAL SNAPSHOT

Product Code	AFX204002	AFX204001
Material	Aluminum Alloy Soft thermo plastic handle	Aluminum Alloy Soft thermo plastic handle
Application	During ascent and occasionally for hauling	During ascent and occasionally for hauling
Works on	10.0mm to 12.0mm dia Kernmantle Rope	10.0mm to 12.0mm dia Kernmantle Rope
Finish	Coloured, Anodized	Coloured, Anodized
Net Weight	196.0 gms ± 10 gms	196.0 gms ± 10 gms
Certification	EN 567:2013 Type 2 Class A & EN 12841:2006 Type C	EN 567:2013 Type 2 Class A & EN 12841:2006 Type C

*Note: Anodizing Colours may vary

IRSQ Descender - Jumper

AFX202001



AFX202002



TECHNICAL SNAPSHOT

Product Code	AFX202001	AFX202002
Material	Aluminum Alloy & Soft thermo plastic handle	Aluminum Alloy
Application	Descent on a single rope	For ascent and descent on a single rope
Works on	10 mm dia Kernmantle Rope as per EN 12841:2006 Type C and 11 mm dia Kernmantle Rope as per EN 341:2011 Type 2 Class A	Works on 10.0 mm dia Kernmantle rope for EN 12841:2006 Type C and on 11.0 mm dia Kernmantle rope for EN 341:2011 Class B Type 2
Finish	Coloured Anodized	Colored, Anodized
Weight	340.0 gms±10 gms	440.0gms±10 gms
Maximum rated load	200 kgs	30 kg - 150 kg
Certified to	EN 341:2011 Type 2 Class A, EN 12841:2006 Type C	EN 341:2011 Class B Type 2, EN 12841:2006 Type C

*Note: Anodizing Colours may vary

Rigging Plate 4 Holes

AFX203054



Rigging Plate 8 Holes

AFX203058



Figure of 8

AFX208007



Rope Termination Anchor

AFX203050



TECHNICAL SNAPSHOT

Product Code	AFX203054	AFX203058	AFX208007	AFX203050
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Application	For creating a multiple anchor points	For creating a multiple anchor points	Mountaineering activities, Caving, Rafting, Rescue	Mountaineering activities, Caving, Rafting, Rescue
Inner Dia	19mm	19mm	Big: 72mm; Small: 40mm	21.8mm ±1mm
Finish	Natural silver/ Coloured, Anodized	Natural silver/ Coloured, Anodized	Natural silver/ Coloured, Anodized	Natural silver/ Coloured, Anodized
Weight	53.5 gms ±10 gms	210.0 gms ±10 gms	270.0 gms ±10 gms	248.5 gms ±10 gms
Conforms to	CNB/P/11.114	CNB/P/11.114	EN 15151-2:2012	CNB/P/11.114

*Note: Anodizing Colours may vary

Textile Ropes For Anchorage Lines

The Kernmantle Semi Static rope is widely used for Rescue Kits, Rope Access, Industry recreational / abseil activities and Industrial applications. Designed to have minimal stretch, low sheath and extremely durable.

Soft and supple with excellent UV and abrasion resistance

Kernmantle Semi Static Rescue Rope 200m Roll

AFX2000105(200) 10.5mm
AFX200011(200) 11mm
AFX200012(200) 12mm



TECHNICAL SNAPSHOT

Product Code	**Rope Specifications**	Rope Diameter	Weight	**Certification**
AFX2000105(200) 10.5mm	Kernmantle Semi Static Rope	10.5 mm	0.076 kg ± 0.010 kg	EN 1891:1998
AFX200011(200) 11.0mm	Kernmantle Semi Static Rope	11.0 mm	0.082 kg ± 0.010 kg	EN 1891:1998
AFX200012(200) 12.0mm	Kernmantle Semi Static Rope	12.0 mm	0.098 kg ± 0.010 kg	EN 1891:1998

Rescue

Rope Access technique of movement on a rope should only be used when traditional access systems cannot be installed. The basic rope access equipment should be used with a fall protection system. Rescue technique is used in case of an emergency. Rope Rescue is designed to safely retrieve someone who has fallen from height and is suspended in a harness. This can be achieved by having a rescue plan allowing trained personal to carry out rescues with industrial Rope based kits and accessories.

Rope Rescue Kits

KStrong Pre-assembled Rope based Rescue kits allows the rescuer a fast and effective way to rescue a casualty from various situations when working at height. Can be supplied in various lengths.

- Rescue from Tower cranes
- Sea Port Container Cranes
- Wind Turbines
- Rescue from ladders
- For rescue from a fall arrest lanyard
- For rescue from a rope safety line
- For rescue from inertia reels



EVAC-R

AFX209070(40)

The KStrong EVAC-R Descender and Rescue device with lifting function is an Automatic and controlled descent for lifting or lowering of injured person. With the added benefit of attaching a powered drill to assist in the rescue allowing the user to use in situations where you are required to raise the casualty over long distances. Alternating descending on both rope ends can be carried out to rescue more than three persons efficiently (shuttle system).

PRODUCT REFERENCE

Product Code	Product Name
AFX209070	EVAC-R
AFX2000105	10.5mm Kernmantle Semi Static Rope (40 m)
AFA920015	Webbing Anchor Straps 1.5 m
AFX203001	Edge protector c/w 2.0 m wire and Karabiner
AFC601415	Aluminum Twist Lock karabiners
AFX201035	Rescue Triangle
AFZ177150	Rescue Bag
Conforms to	EN 341:2011 – 1A, EN 1496:2017 - B, EN 12841Type C & ANSI Z359.4:2013



EVAC MINI

AFX209060

KStrong introduces the EVAC Mini, a compact and efficient descender/rescue device designed for use by a single user. It utilizes an automatic braking system to smoothly lower individuals at speeds of less than 2 meters per second. This device is particularly suitable for for Self evacuation or lowering of injured person.

PRODUCT REFERENCE

Product Code	Product Name
AFX209060	Evac Mini
AFX20009.6	9.6 mm Semi Static Kernmantle Rope 40 m
AFX201035	Rescue Triangle
AFA920015	Webbing Anchor Strap 1.5 m
AFZ177150	Rescue Bag
AFC601413	Aluminum Twist Lock Karabiners
Conforms to	EN 341:2011 – 1B, ANSI Z359.4:2013



*Note: Anodizing Colours may vary

ELITE RESCUER 5:1 HAULING KIT

AFX209085

AFX209085 KStrong introduces the Elite Rescuer Kit designed for lifting and lowering of casualties in confined space and working-at-height rescue situations. It has an auto-locking function prevents unintentional slippage, making the system fail-safe in case of sudden load shifts. The Elite rescue device designed for use by a single user.



PRODUCT REFERENCE

Product Code	Product Name
AFX209085	Elite Rescuer Auto Locking
AFX200010.5	10.5mm Semi Static Kernmantle 60m (12m effective length)
AFX204003	Ascender Handle (Right) c/w Sling & Karabiner
AFA921515	Webbing Anchor Strap 1.5 m
AFX206016	Aluminum Forged Double Sided Pulleys 45 kN
AFC601432	Aluminum Triple Action Karabiners 23 kN
AFZ177150	Rescue Bag

IRSQ Rescue Kit

AFX209001

KStrong introduces the IRSQ RESCUE KIT specifically designed to be used to rescue a casualty who is currently suspended by a fall arrest lanyard or Fall arrest Block. The Rescuer can raise the casualty to release their current attachment so they can be raised or lowered to safety without the need for the rescuer to access the casualty.



PRODUCT REFERENCE

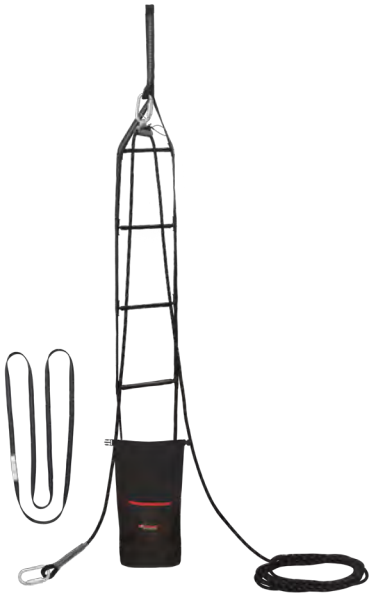
Product Code	Product Name
AFX204001	Ascender Handle (Right)
AFX202002	Self braking Descender
AFX206008	SS. Double Mini Aluminum Pulley c/w double attachment 25 kN
AFG801011	Aluminum Rope Grab for Inertia Reels
AFX200011(50)	11mm Semi Static Kernmantle 50 m (10m effective length)
AFA920015	Webbing Anchor Strap 1.5m
AFA926015	Cross Arm Anchor Strap c/w D-ring & textile loop at other 1.5 m
AFC601105	Steel Quarter Turn Karabiner
AFX207001	3 m Rescue Pole
AFC608401	Aluminum Scaffold Hook 60mm Opening 22kN
AFZ177150	Rescue Bag

*Note: Anodizing Colours may vary

Rescue Ladder & Self Evacuation Kits

AFX209020 - KStrong IRSQ Ladder System has been designed for Self-rescue of a conscious user who has had a fall. The Ladder kit allows the user to climb to safety with the added benefit of the rescuer using a backup rope attached to the user which eliminates the chance of a secondary fall.

AFX209040(50) - The KStrong Self-Evacuation kit device is used for suspended work positioning, self-evacuation, or rescue operations



AFX209020



AFX209040(50)

PRODUCT REFERENCE

Product Code	AFX209020	Product Code	AFX209040(50)
AFX209019	Rescue Ladder 6 m	AFX201035	Rescue Triangle
AFA921515	Webbing Anchor Straps 1.5 m	AFA920015	Webbing Anchor Strap 1.5 m
AFG801011F	Aluminum Fixed Type Rope Grab for 11mm Kernmantle Rope	AFX202002	Self-braking Descender
AFX2000105(07)	10.5mm Semi Static Kernmantle Rope 7 m	AFX2000105(07)	11mm Semi Static Kernmantle Rope 50 m
AFC601101C	Steel Quarter Turn Locking Karabiner Bulb Type	AFC601422	Aluminum Karabiners 23 kN
AFZ177160	Ladder Kit Bag	AFZ177150	Rescue Kit Bag

*Note: Anodizing Colours may vary

Rescue Pole Kit

AFX207004 - The KStrong Rescue Pole Kit is specifically designed for efficient and safe rescue operations, enabling a rescuer to securely attach a retrieval system to a fallen or incapacitated worker without entering a hazardous area. This makes it an essential tool for confined space rescues and work-at-height emergencies, where direct access is challenging or unsafe.

PRODUCT REFERENCE

Product Code	Product Name
AFX207001	3.0 m Telescopic Pole
AFC601401(R)	Aluminum Scaffold c/w 4m of Rope
AFC601422	Aluminum Karabiner 23 kN
AFZ177149	Pole Bag





*Note: Anodizing Colours may vary

Rescue Stretcher

AFX205001

KStrong IRSQ Stretcher provides an easy-to-use Recovery Stretcher allowing to Rescue the secured patient from challenging and difficult environments.

FEATURES

- Inert to all conditions, body fluids and blood.
- Highly durable, easy to use and store.
- Combination of optimum support and function.
- Can be used both vertically as well as horizontally.
- Comes with a special marking for identifying the head position of the victim when laid on the stretcher.
- Has instruction labels consisting of technical description,usage instructions, general guidelines, care and maintenance and inspection grid for giving more comprehensive information of the Stretcher to the user.

Kgs 5.5 kgs



TECHNICAL SNAPSHOT

AFX205001	Maximum load: 200 kg Weight of device: 5.5 kg Total weight with bag and belts: 8.0 kg
Loading Surface	Length: 2.438 m Width: 0.914 m Material: High strength polymer Material of Hooks: Alloy steel
Rope	Length: 9.0 m Dia: 10.0 mm
Lifting Belts	Length: Feet zone 6.7 ft. (2042.0 mm) Head zone 6.4 ft (1951.0 mm) Width: Feet zone 5.0 mm/ Head zone 5.0 mm Maximum load belts: 3000 kg Maximum load Stitching: 2000 kg
Handles	Material: Polyester Number of handles on every longitudinal side: 2
Ideal For Use	For safe carriage and transportation of the wounded user.

Telescopic Pole System

AFA960001

FEATURES

- Telescopic Pole is a perfect solution to create overhead anchors at unreachable heights. It is light in weight, made of fiber glass, and can be effectively used to install an anchorage point from a distance. The total weight of the Telescopic Pole assembly without the hook is approx. 4.6kg, hence can be easily carried.
- Working reach with extension: 10.5m and without extension: 9.5m.
- Dielectric resistance: 30kV
- Comes with an Aluminum Anchorage Hook AFC608410, to anchor at the required distance.



Hanging Hook

- Material: Alloy Steel, plastic moulded
- Weight: 190.0 gms



Molded nut with Screw pin with a ring on head to enable easy adjustment and to restrict unnecessary movement during usage.

Telescopic Pole

- Material: Fiberglass
- Maximum length: 7.95 m
- Minimum length: 1.95 m
- Weight: 3.80 kg





Head

- Length: 240.0 mm
- Weight: 185.0 gms



Extension Section

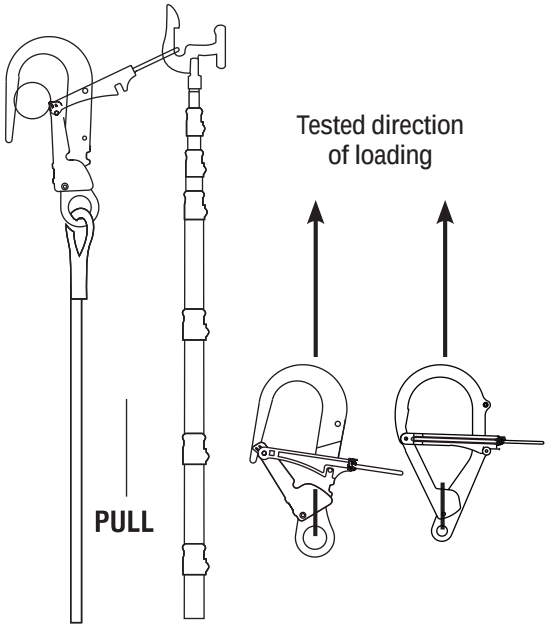
- Length: 1.0 m
- Weight: 425.0 gms

* Can be made smaller if required



Aluminum Anchorage Hook

- Material: Aluminum Alloy
- Opening: 54.0 mm
- Minimum Breaking Strength: 22 kN
- Weight: 480.0 gms
- Finish: Natural Silver / Coloured Anodized
- Certified to: EN 362:2004 Class A;
  EN 795:2012 Type B



Spreader Bar

AFX201011

FEATURES

- In conjunction with the KStrong Confined Space Harness AFH300203 for raising and lowering a person during rescue.
- The attached webbing loops can be used to secure victim's arms when lifting or lowering.



TECHNICAL SNAPSHOT

Webbing			Metal components		
Material	Width	Breaking strength	Material	Finish	Weight
Polyester	44.0 ± 1.0 mm	25 kN	Alloy steel	Galvanized	1360.0 gm ± 50 gm

Easy Seat

AFX201001

FEATURES

- Ergonomical and comfortable working chair. Provides comfortable seating for an extended time during long hours of work, suspended at a height.
- Can be attached to Suspension Harnesses AFH300404 harness having a central Ring at the waist level (Ventral) to which the Karabiner is attached.
- The loops at the end of the polyester webbing straps can be easily attached to the Ventral D-ring of the Harnesses mentioned.
- Has adjustable straps.
- Equipped with 3 loops for hanging tools, bucket etc.
- Easy to position at the back when not in use.
- Soft cushioned sides prevent the webbing straps from cutting into the thighs.



TECHNICAL SNAPSHOT

Webbing			Metal components		
Material	Width	Breaking strength	Material	Finish	Weight
Polyester	44.0 ± 1.0 mm	23 kN	Aluminium Alloy	Anodized	1940.0 gm ±10 gm

IRSQ Pilot Chair

AFX201021



Ideal for use

Vertical ascent and descent.

General Features

- Ergonomic and comfortable working chair.
- Spreader Bar available as an optional accessory.
- Conforms to EN 1498:1996.

TECHNICAL SNAPSHOT

Webbing			Metal components		
Material	Width	Breaking strength	Material	Finish	Weight
Polyester	44.0 ± 1.0 mm	23 kN	Alloy Steel	Galvanized	1648.0 gm ± 50 gm

IRSQ Evacutaion Triangle

AFX201035



Ideal For Use

- During rescue of injured personnel.
- Contains 3 D-rings as attachment elements.
- Adjustable straps to fit the user correctly.
- Padded for extra Comfort.
- Conforms to EN 1498:2006.

TECHNICAL SNAPSHOT

Webbing			Metal components		
Material	Width	Breaking strength	Material	Finish	Weight
Polyester	44.0±1.0 mm	25 kN	Aluminum Fiitings	Andodised	1175.0 gm ± 10 gm

IRSQ Rope Edge Protector

AFX203001



FEATURES

- Material- Stainless Steel.
- Protects the rope from abrasion against an edge.
- The edge ring-guides on the angle of the Edge protector prevent different Anchorage Lines from getting entangled over the edge.
- Base- Stainless Steel ED Coated.
- Minimum Breaking Strength - 25 kN.
- Weight- 650 gm ± 20 gm.

Ventral Blocker

AFX204101

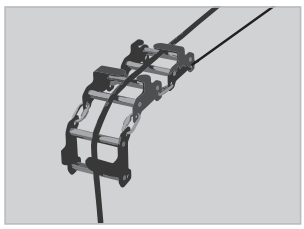


FEATURES

- Material: Aluminium Alloy.
- Net Weight: 185 gms.
- Specially designed for easy connection on user's harness by webbing strap or a connector.
- Ideal for use on 10 to 12 mm dia Kernmantle rope.
- Finish: Colored, Anodized.
- Certified to: EN 567:2013, EN 12841:2006 Type B.

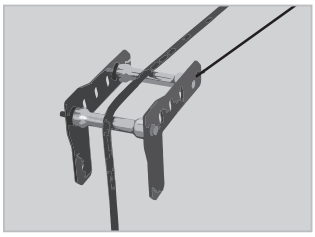
Edge Protector | AFX203003





Edge Protector | AFX203002





IDEAL FOR USE:

Designed to guide and protect the moving rope from abrasion against uneven surface and sharp edges over different terrains.

FEATURES

- Versatile, compact, and lightweight.
- The integrated rollers make the product suitable for lowering and hauling operations.
- Holes on both ends are provided to connect the sling for holding the edge protector.
- AFX203003 comes in set of 3 protectors connected with 4 screw links, additional protectors can be attached allowing longer lengths when are required.
- Equipped with ball bearing rollers which allows for smooth and effortless movement when in use.
- Suitable be used on Brick & Concrete walls, Metal Hatches and Walkways.

*Note: Anodizing Colours may vary

Rescue/Climbing Helmet

KStrong range of Rescue/Climbing Helmets are an ideal choice for various applications like rescuing victim, mountain climbing, ice climbing, caving, river-trekking, etc. These are light weight, stylish, ventilated, highly durable and sturdy helmets which are equipped with easy adjustable chin strap for a comfortable fit.






	AHC101001R (RED)	AHC101001W (WHITE)	AHC101001O (ORANGE)	AHCC101002 (VISOR)
Material	High-Density Polypropylene Shell	High-Density Polypropylene Shell	High-Density Polypropylene Shell	Polycarbonate lens
Quick-Release Ratchet Adjuster	✓	✓	✓	NA
Up & Down System	✓	✓	✓	NA
Leather Chin Strap	✓	✓	✓	NA
Carrying Clips	✓	✓	✓	NA
Ventilation Intake Holes	✓	✓	✓	NA
Adjustable Chin Strap	✓	✓	✓	NA
Type of Chin Strap	4 Point (Y-shape chin strap)	4 Point (Y-shape chin strap)	4 Point (Y-shape chin strap)	NA
Anti-Intrusion Grille	✓	✓	✓	NA
Visor Attachment	✓	✓	✓	NA
Nylon Clips	✓	✓	✓	NA
Anti UV	NA	NA	NA	✓
Anti Fog	NA	NA	NA	✓
Scratch Resistant	NA	NA	NA	✓
Weight	410 gms ± 10 gms	410 gms ± 10 gms	410 gms ± 10 gms	60 gms ± 5 gms
Size	Universal-adjustable from 51 to 62 cm headform	Universal-adjustable from 51 to 62 cm headform	Universal-adjustable from 51 to 62 cm headform	
Relevant Standards	EN 12492:2012	EN 12492:2012	EN 12492:2012	EN 16321-1:A1:2024

Rescue Kit Bag Water Proof 30L

AFZ177150



Duffle Bag Water Proof 40L

AFZ177197



TECHNICAL SNAPSHOT

Product code	Material	Colour	Size	Weight	Capacity
AFZ177150	500d PVC Tarpaulin	Black & Red	27 x 70 cm	1.34 kg	30 L
AFZ177197	500d PVC Tarpaulin	Black	32 x 32 x 51 cm	1.16 kg	40 L

Note



CONNECTORS

What is a Connector ?

A Connector is an important element of a Fall Protection System.

The Connectors may be of two types- **Anchorage Connector**, which is at the termination end of the Connecting Element; and the **Harness-Attachment Connector**, which is at the Harness end of the Connecting Element.

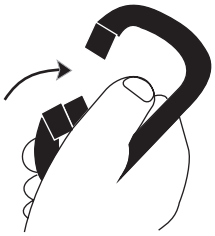
Hooks and Connectors come with various unique features

- Hooks and Connectors have a minimum Breaking Strength of 20 kN, and hence conform to the necessary norms.
- These Connectors and Hooks are uniquely zinc electroplated that provides extended corrosion resistant property.
- All the metal components are subjected to stringent methods of Inspection and Testing procedures.
- A 100% Online Inspection, visual check of each and every component is done for proper functioning, and finishing.

Using the Connector Correctly



Press open or unscrew the lock



Open the gate by pressing it inside the body of the hook



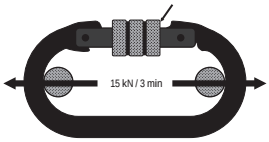
Always lock the gate when connected

Advantages of Steel Screw Locking Karabiner

- Reliability in harsh or dirty environments.
- Immediate alert in case of wrong locking.
- Features a threaded nut over gate which locks manually when desired by user.
- Easy to use with one hand.

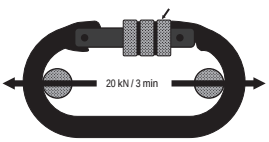
Functionality Test Carried on Connectors

Gate Closed and unlocked



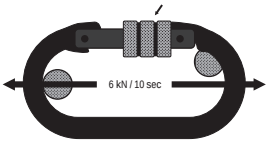
The Karabiner must not Break

Gate closed and locked



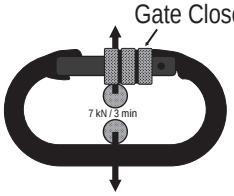
The Karabiner must not Break

Gate Closed



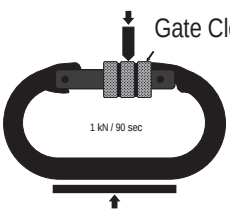
After the test, the gate shall open like a new one.
(Gate Function)

Gate Closed



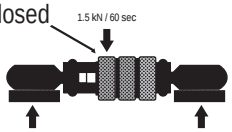
The Karabiner must not Break
(Minor Axis)

Gate Closed



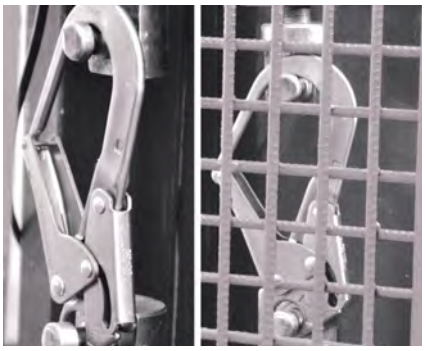
After the test, the gate shall open like a new one.
Gate Resistance (Gate Face)

Gate Closed



After the test, the gate shall open like new one.
Gate Resistance (Gate Side)

Tests Carried Out on Hooks and Connectors



Proof Load Testing

To ensure complete compliance of the Load Bearing metal components, our products are 100% Proof-Load tested at a load of 16 kN.

This means that each Load Bearing metal part passes through a strength test where it is assured of taking a minimum load of 16 kN, without showing any signs of breakage or cracking, before being incorporated into a Harness or Fall Arrest System.

This further reinforces the strict quality measures followed before a product reaches the end user.



Hardness Testing

Since a definite relationship exists between the Hardness of a Metal Component and its Tensile Strength, all the raw material for the Metal Components are tested accordingly. Two methods are widely used Brinell Hardness Test Method; and Rockwell Hardness Test Method.

Only when the basic raw material of the metal components conforms to the requirements of hardness, is the process of manufacturing undertaken.

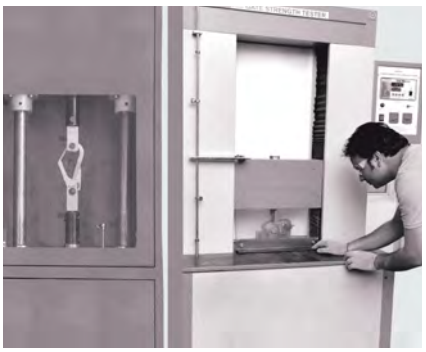


Salt-Spray Test

This test is carried out to assure maximum resistance of all Metal components to rusting and corrosion. The components are placed in a Salt Spray Chamber and are subjected to neutral salt-spray at a temperature of around 350 celsius, for a period of 72 hours.

All Metal components pass the Salt-spray test for 72 hours, without showing any red rusting and corrosion.

This test ensures the Corrosion resistant properties of the metal components used. All connectors and hooks are therefore conditioned to withstand extremely corrosive conditions, without showing signs of rusting and damage.



Static Strength test

This test is carried on randomly drawn samples, lot wise for major axis, minor axis, gate side, strength and gate-face strength as per requirement.



Spectro Photo Meter Test

Spectrophotometer Test is carried to know the accurate chemical composition of metal.

Inspect the Connector before every use

Caution

A safe personal fall arrest system is one which does not have any weak link. Always perform full inspection of your before every use.



Look closely at the Connector from all sides to check for cuts, kinks etc.



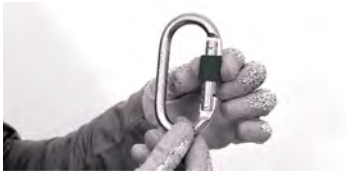
Now through 3 step action check the opening, closing and locking of the gate of the connector.



Check the gate of the Connector-it should be in line with the body of the connector.



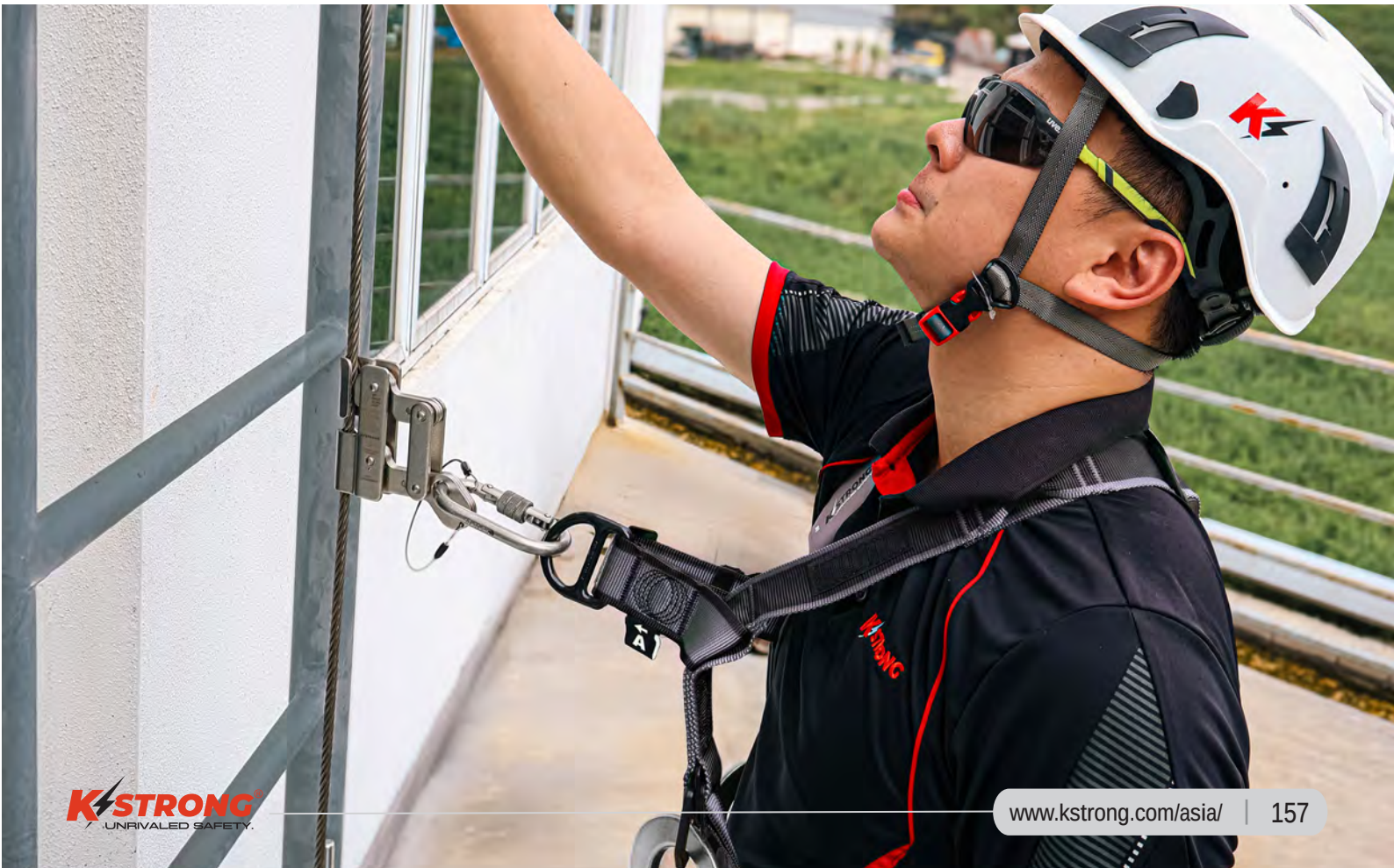
Run your index finger along the surface of the Connector to see for deformities.



Always check the lock function of the Connector-it should work smoothly and the Connector should lock properly.



Always check the marking on the Connector. Check for possibilities of rusting on the gate and lock of the Connector.



Steel Karabiners

Steel Screw Gate Karabiner

AFC601100



Forged

Steel Screw Gate Bulb Type Karabiner

AFC601120



Steel Quarter Turn Locking Bulb Type Karabiner

AFC601101C



Steel Quarter Turn Locking Karabiner

AFC601105



Steel Double Action Karabiner

AFC601115



TECHNICAL SNAPSHOT

Product Code	Material	Gate Opening	Breaking Strength	Finish	Net Weight	Certification
AFC601100	Alloy Steel	18.0 mm	25 kN	Galvanized with Silver passivation	160.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC601120	Alloy Steel	25.4 mm	50 kN	Galvanized with Silver passivation	222.0 gm ± 10.0 gm	EN 362:2004 Class B UIAA
AFC601101C	Alloy Steel	15.0 mm	23 kN	Galvanized with Silver passivation	200.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC601105	Alloy Steel	22.0 mm	25 kN	Galvanized with Silver passivation	236.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC601115	Alloy Steel	19.5 mm	23 kN	Galvanized with Silver passivation	210.0 gm ± 10.0 gm	EN 362:2004 Class B

Steel Karabiners

Steel Double Action Bulb Type Karabiner

AFC601121



Steel Triple Action Locking Karabiner

AFC601110



TECHNICAL SNAPSHOT

Product Code	Material	Gate Opening	Breaking Strength	Finish	Net Weight	Certification
AFC601121	Alloy Steel	25.4 mm	50 kN	Galvanized with Silver passivation	270.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC601110	Alloy Steel	22.0 mm	25 kN	Galvanized with Silver passivation	233.4 gm ± 10.0 gm	EN 362:2004 Class B

Aluminum Karabiners

Aluminum Screw Gate Karabiner

AFC601401



Forged

Aluminum Screw Gate Karabiner

AFC601405



Forged

II 2 G

ATEX 2014/34/EU

Aluminum Screw Gate Bulb Type Karabiner

AFC601420



Forged

TECHNICAL SNAPSHOT

Product Code	Material	Gate Opening	Breaking Strength	Finish	Net Weight	Certification
AFC601401	Aluminum Alloy	15.0 mm	23 kN	Natural Silver/Coloured Anodized	80.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC601405	Aluminum Alloy	22.0 mm	23 kN	Natural Silver/Coloured Anodized	75.0 gm ± 10.0 gm	EN 362:2004 Class B ATEX 2014/34/EU
AFC601420	Aluminum Alloy	25.0 mm	23 kN	Natural Silver/Coloured Anodized	95.0 gm ± 10.0 gm	EN 362:2004 Class B

*Note: Anodizing Colours may vary

Aluminum Karabiners

Aluminum Double Action Bulb Type Karabiner

AFC601422



Forged

Aluminum Double Action Karabiner

AFC601415



Forged

II 2 G

ATEX 2014/34/EU

Aluminum Double Action Bulb Type Karabiner

AFC601421



Aluminum Triple Action Karabiner

AFC601410



Forged

TECHNICAL SNAPSHOT

Product Code	Material	Gate Opening	Breaking Strength	Finish	Net Weight	Certification
AFC601422	Aluminum Alloy	14.0 mm	23 kN	Natural Silver/Coloured Anodized	85.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC601415	Aluminum Alloy	21.0 mm	23 kN	Natural Silver/Coloured Anodized	84.0 gm ± 10.0 gm	EN 362:2004 Class B ATEX 2014/34/EU
AFC601421	Aluminum Alloy	25.4 mm	23 kN	Natural Silver/Coloured Anodized	105.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC601410	Aluminum Alloy	21.0 mm	23 kN	Natural Silver/Coloured Anodized	79.0 gm ± 10.0 gm	EN 362:2004 Class B

*Note: Anodizing Colours may vary

Stainless Karabiners

Stainless Steel Double Action Karabiner

AFC601715



Stainless Steel Quarter Turn Locking Bulb Type Karabiner

AFC601701



Stainless Steel Triple Action Locking Karabiner

AFC601711



Stainless Steel Triple Action Karabiner

AFC601710



TECHNICAL SNAPSHOT

Product Code	Material	Gate Opening	Breaking Strength	Finish	Net Weight	**Certification**
AFC601715	Stainless Steel	25.4 mm	50 kN	Polished	265.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC601701	Stainless Steel	16.0 mm	23 kN	Polished	198.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC601711	Stainless Steel	19.5 mm	23 kN	Polished	198.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC601710	Stainless Steel	25.4 mm	50 kN	Polished	265.0 gm ± 10.0 gm	EN 362:2004 Class B

Hooks

Steel Tower Hook

AFC608100



Aluminum Anchorage Hook for Telescopic Pole

AFC608410



Forged

Stainless Steel Anchorage Hook

AFC608701



TECHNICAL SNAPSHOT

Product Code	Material	Gate Opening	Breaking Strength	Finish	Net Weight	Certification
AFC608100	Alloy Steel	50.0 mm	23 kN	Galvanized with Silver passivation	725.0 gm ± 10.0 gm	EN 362:2004 Class B
AFC608410	Aluminum Alloy	55.0 mm	22 kN	Natural Silver/Coloured Anodized	480.0 gm ± 10.0 gm	EN 362:2004 Class A
AFC608701	Stainless Steel	140.0 mm	20 kN	Polished	362.0 gm ± 10.0 gm	EN 362:2004 Class A

*Note: Anodizing Colours may vary

Note

BRUTE Load Arrestors

The Brute Load Arrestors are designed as secondary safety back-up for overhead loads, used in conjunction with a primary lifting device or support, such as a hoist or permanently suspended load.

If the primary support fails, the load arrestor will automatically stop the load from falling, thereby preventing damage to the load and, more importantly, protecting users below.

Cable Load Arrestors are not PPE. Conforms to Machine Directive 2006/42/EC.

Used in Industry



Understanding Load Arrestors

These are backup safety system which arrest the fall of a load in the event of the primary systems failing.

It reduces the risk of equipment damage and protects personnel in and around the danger zone.

Suitable for Basket Ball Hoops, Stage lighting, Car Assembly, Lifts & Industrial Machinery.

KStrong range of Load Arrestors is available to protect loads ranging from 300kgs to 1000kgs with a variety of wire rope lengths based on the four model sizes. These can also be used in conjunction with other Arrestors of the same size to achieve a desired working load capacity

Possible Usage:

KStrong Load Arrester can be used to protect the load double to its capacity by passing the line constituent through the mechanical pulley having sufficient strength to support the load of double the strength of Load Arrester. This configuration allows us to achieve mechanical advantage of 2:1 further increasing the load carrying capacity of unit.

Note: Pulley used must be as light as possible and free in movement so as to control the friction forces to minimum. If left unchecked, may affect the retraction as well as activation speed of the Load Arrester to arrest the load. Proper assessment of the receiving structure must be done by an expert to make sure it can sustain the load. (Please Refer Fig.1)

Fig. 1

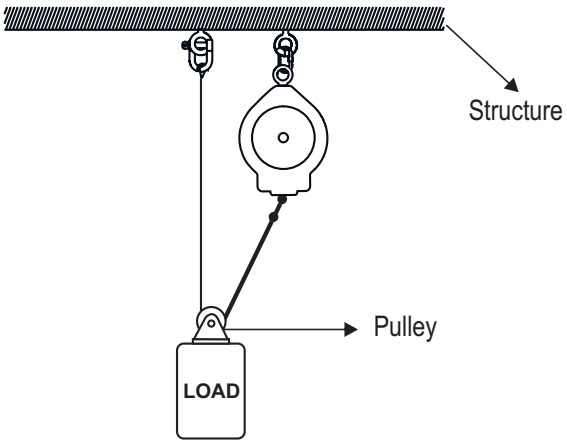
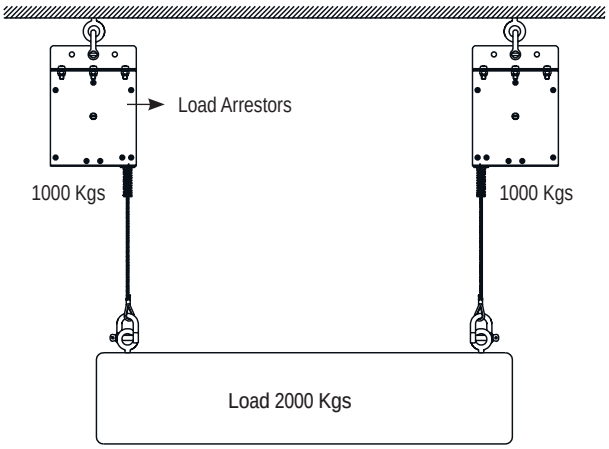


Fig. 2



Area of Application

- Automobile industry
- Pharmaceutical sector
- Construction industry
- Logistics and warehousing
- Steel industry
- Cement sector

BRUTE Load Arrestors

Used in Industry

AFZ1830010, AFZ1830015



II 2G
ATEX 2014/34/EU

Wire Rope Length 10m and 15m

AFZ1830010	6.26kg
AFZ1830015	6.60kg

AFZ1840010, AFZ1840015, AFZ1840020



II 2G
ATEX 2014/34/EU

Wire Rope Length 10m, 15m and 20m

AFZ1840010	11.16kg
AFZ1840015	11.66kg
AFZ1840020	12.16kg

TECHNICAL SNAPSHOT

Product Code	AFZ1830010, AFZ1830015	AFZ1840010, AFZ1840015, AFZ1840020
Material of Casing	High Impact Polymer Casing	High Impact Polymer Casing
Material and Dia of Lifeline	Galvanized Steel wire rope of dia 4.8mm	Galvanized Steel wire rope of dia 5.8mm
Minimum Breaking Strength of Load Arrestor Assembly	> 4kN	> 6kN
Max Load Capacity	300 kg	400 kg
Certification	ATEX 2014/34/EU	ATEX 2014/34/EU

BRUTE Load Arrestors

Used in Industry

AFZ1850010, AFZ1850015

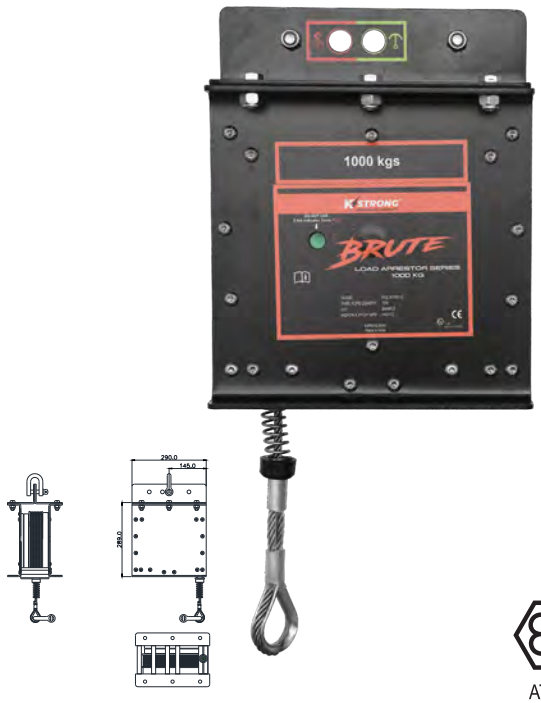


II 2G
ATEX 2014/34/EU

Wire Rope Length 10m and 15m

AFZ1850010	11.66kg
AFZ1850015	12.16kg

AFZ18100010, AFZ18100011, AFZ18100016



II 2G
ATEX 2014/34/EU

Wire Rope Length 10m, 11m and 16m

AFZ18100010	31.12 kg
AFZ18100011	31.37 kg
AFZ18100016	35.0 kg

TECHNICAL SNAPSHOT

Product Code	AFZ1850010, AFZ1850015	AFZ18100010, AFZ18100011, AFZ18100016
Material of Casing	High Impact Polymer Casing	High Impact Polymer Casing
Material and Dia of Lifeline	Galvanized Steel wire rope of dia 6.0mm	Stainless Steel wire rope of dia 8.0mm
Minimum Breaking Strength of Load Arrestor Assembly	> 7kN	> 13kN
Max Load Capacity	500 kg	1000 kg
Certification	ATEX 2014/34/EU	ATEX 2014/34/EU

On some occasions the tools a user has to carry for specific work at height do not come with built-in or prescribed tether options. KStrong Kaptor™ range of tool tethers is the perfect solution for such cases that help you make secure connections. Different tools require different tether options depending on their shape.

Kaptor™ Tool Bucket

The KStrong Kaptor™ Tool Bucket is specifically designed for working at height, ensuring tools are securely stored and easily accessible. Its unique closure system prevents accidental drops, reducing the risk of falling objects. Additionally, it comes supplied with a bucket liner, which helps in organizing and accessing tools efficiently.

DB500151 55kg



DB500101 15kg





DB500055(L) & DB500015(L) Bag Liner

TECHNICAL SNAPSHOT

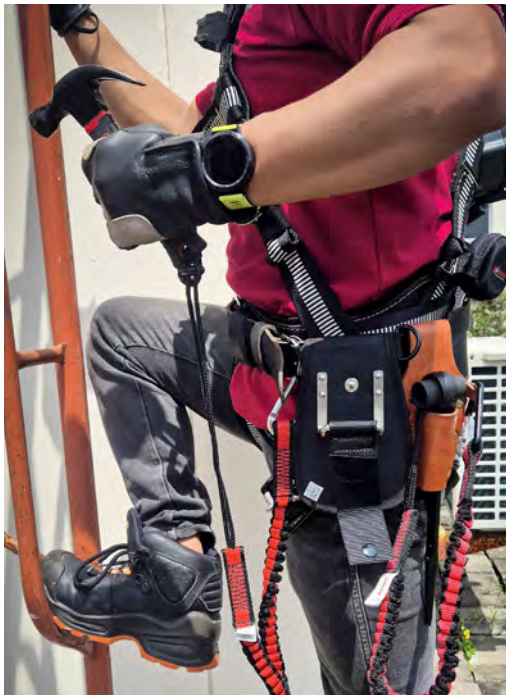
Product Code	DB500055	DB500055(L) & DB500015(L)	DB500015
Material of Bag & Liner	Bag: Canvas, Webbing - 25mm Polyester & Liner Insert: Polymer Plastic	Liner Insert: Polymer Plastic	Bag: Canvas, Webbing - 25mm Polyester & Liner Insert: Polymer Plastic
Material Metal	Karabiner: Aluminum 23kN / 5000lbs, Ring: Steel	-	Karabiner: Aluminum 23kN / 5000lbs, Ring: Steel
Capacity	55kg / 121lbs		15kg / 33lbs
Certification	Tested as per ANS/ISEA 121-2018	-	Tested as per ANS/ISEA 121-2018

Note- Tool tethers also comes in black powder coating.

Kaptor™ Tool Lanyards

Kaptor™ Tool Lanyards provide various multi-purpose fixing, which easily attaches to a range of hand tools with or without attachment points. The Kaptor range comes in 3 parts:

- Tool Attachment
- Tool Lanyard
- Tool Cases



Tool Attachment

KStrong range of Tool Attachments are a simple and easy way to attach to a vast range of hand tools when used with KStrong Q WrapTape.

Kaptor™ Tool Attachment D-Ring Lanyards

DL100301 | Web Tool Tails
1.36 kg - 2.5 inch - (S)



6-PACK

DL100302 | Web Tool Tails
1.36 kg - 4.5 inch - (M)



6-PACK

DL100303 | Web Tool Tails
1.36 kg - 5.5 inch - (L)



6-PACK

DL100304 | Web Tool Tails
1.36 kg - 6.5 inch - (XL)



6-PACK

DL100305 | Web Tool Tails
1.36 kg - 8.5 inch - (XL)



6-PACK

Kaptor™ Tool Attachment Swivel D-Ring Lanyards

DL100351 | Web Tool Tails with Swivel - 1.36 kg - 2.5 inch - (S)



6-PACK

DL100352 | Web Tool Tails with Swivel - 1.36 kg - 4.5 inch - (S)



6-PACK

DL100353 | Web Tool Tails with Swivel - 1.36 kg - 5.5 inch - (S)



6-PACK

DL100354 | Web Tool Tails with Swivel - 1.36 kg - 6.5 inch - (S)



6-PACK

DL100355 | Web Tool Tails with Swivel - 1.36 kg - 8.5 inch - (XXL)



6-PACK

Kaptor™ Tool Attachment Cinch

DL200301 | Tool Cinch - Medium Duty - 16 kg - 15 inch



DL200311 | Tool Cinch - Single Wing - Medium Duty - 16 kg - 15 inch



DL200101 | Tool Cinch - Dual Wing - Medium Duty - 16 kg - 15 inch



DL200201 | Tool Cinch - Dual Wing - Medium Duty - 36 kg - 24 inch



Kaptor™ Tool Attachment Wire Loops

DL100801 | Wire Loop Tool Tail - 0.9 kg



DL100802 | Wire Screw Gate Tool Tail - 1.36 kg



Kaptor™ Tool Attachment Loops

DL100611 | D-ring with Cord Loop Attachment Points - 2.25 kg - 7.5 inch



Kaptor™ Q Wrap Tape

Self bonding tether Q Wrap Tape is used in conjunction with a range of Tool attachment lanyards and provides a fully load rated anchor point in moments!

- Self-Bonding, doesn't rely on chemical adhesives.
- Heat resistant to 150 degrees Celsius.
- Resistant to water and oil.
- Very resilient and long lasting.





DT700101 | Self-Adhering Tape Trap - 3.5 m Roll

*Note- Tool tethers also comes in black powder coating.

Kaptor™ Tool Lanyards

KStrong Kaptor Tool Lanyards are manufactured from webbing, heavy duty elasticized webbing and coiled springs with a steel locking Karabiner for added security. Suitable for most applications, reducing snagging issues and the overall impact force of a dropped object. Simple and easy to use

DL100011 | Steel Karabiner with 2" Gate Opening - 4.5 kg - Min: 35 inch, Max: 53 inch



DL100012 | Dual Leg Steel Karabiner with 2" Gate Opening - 4.5 kg - Min: 35 inch, Max: 53 inch



DL100021 | Locking Single Karabiner - 10 kg - Min: 35 inch, Max: 53 inch



DL100022 | Dual Leg Locking Single Karabiner - 10 kg - Min: 35 inch, Max: 53 inch



DL100041 | Tool Lanyard Single Karabiner with Web Loop - 10 kg - Min: 28 inch, Max: 45 inch



DL100042 | Dual Leg Tool Lanyard Single Karabiner with Web Loops - 10 kg - Min: 28 inch, Max: 45 inch



DL100701 | Hook to Loop Bungee Tool Tether - 16 kg - Min: 44 inch, Max: 61 inch



DL100711 | Hook to Loop Tool Tether Heavy Duty - 36 kg - 77 inch



DL100201 | Accessory Kit - Detachable Loops - 2.25 kg - Min: 11 inch, Max: 17 inch



3-PACK

DL100400 | Detachable Elasticated Single Screwgate Karabiner (without Loop) - 2.25 kg - Min: 42 inch, Max: 67 inch



DL100401 | Detachable Elasticated Single Screwgate Karabiner - 2.25 kg - Min: 42 inch, Max: 67 inch



*Note: Anodizing Colours may vary

Kaptor™ Tool Lanyards

DL100101 | Elastic Loop Tool Tails Ext - 7 kg - Min: 11 inch, Max: 17 inch



DL100151 | Elastic Loop Tool Tails Swivel - 4.5 kg - Min: 11 inch, Max: 17 inch



DL100501 | Coiled Cable Lanyard - 0.9 kg - Min: 4 inch, Max: 60 inch



DL100601 | Clip to Loop Coil Tether - 0.9 kg - Min: 7 inch, Max: 24 inch



DL100023 | Tool Lanyard Mobile Fixing Holder with VHB Tape



DL100010SW | Retractable Tool Lanyard with Swivel Karabiner



Kaptor™ Tool Lanyards Accessories

DA300411 | Wrist Tool Lanyard - 0.9 kg



DA300401 | Pull-On Wrist Lanyard with Buckle - 0.9 kg



DA300101 | Elastic Hard Hat Lanyard w/ Clamp - 0.9 kg - Min: 16 inch - Max: 34 inch



*Note- Tool tethers also comes in black powder coating.

Kaptor™ Tool Lanyards Accessories

DA300201 | Small Tool/Radio Holster - 2.25 kg



DA300301 | Tape Measure Holder - 0.9 kg



DA300501 | Drill Batery Holder - 5 kg



DA300503 | Hammer Holder





Note

INDEX

Ref. No.	Products Name	Page No.
AHCC101002 (VISOR)	Polycarbonate Lens	151
AFA910118	Anchorage Steel Wire Rope Sling	120
AFA920015	Webbing Anchors	119
AFA921005	Cross Arm and Concrete Arm Strap	119
AFA921010	Cross Arm and Concrete Arm Strap	119
AFA921515	Cross Arm and Concrete Arm Strap	119
AFA927015	HotWorX Welders Cross Arm Strap	120
AFA930001SS	Single Point Anchor	114
AFA930002	SS Abseiling Anchor	114
AFA930101	Parapet Anchor	112
AFA930123	Ladder Mount Bracket	118
AFA930301	Removable Concrete Anchor	113
AFA930310	Removable Concrete Anchor C/W Sleeve	115
AFA930316	Anchor Bolt	115
AFA930316C	Concrete Anchor	115
AFA930401	Beam Anchor	110
AFA930411	Beam Anchor (Mini)	110
AFA930412	Beam Trolley Anchor	111
AFA930413	Vertical Beam Anchor	111
AFA930602	Container Anchor Post with Swivel Eye	113
AFA930901	Edge Fix Anchor Post	112
AFA930950	Door Anchor	109
AFA930950M	Door Anchor (Mini)	109
AFA935508(100)	Concrete Anchor Point	116
AFA935515	Concrete Anchor Point	116
AFA935865	Counter Weight Anchor	121
AFA940001	Horizon Temporary Horizontal Webbing Anchorage Line	92
AFA940010	Horizon 4 Man Temporary Horizontal Rope Anchorage Line	93
AFA940014	Handy Line Temporary Horizontal Lifeline	94
AFA945012	Brute T-Line (Without Retrieval)	97
AFA945012R	T-Line with Rescue Retrieval	96
AFA945017	Anchor Clevis	98
AFA945024	Brute T-Line (Without Retrieval)	97
AFA945024R	T-Line with Rescue Retrieval	96
AFA945026	T-LINE Beam Clamp	98
AFA951201	Guided Type Fall Arrester System on Flexible Anchorage Line	101
AFA952012(XX)	Textile Ropes for Anchorage Lines	104
AFA960001	Telescopic Pole System	147
AFA9930125(500)	Duckboard Anchor	117
AFC601100	Steel Screw Gate Karabiner	158
AFC601101C	Steel Quarter Turn Locking Karabiner Bulb Type	158
AFC601105	Steel Quarter Turn Locking Karabiner	158
AFC601110	Steel Triple Action Locking Karabiner	159
AFC601115	Steel Double Action Karabiner	158
AFC601120	Steel Screw Gate Bulb Type Karabiner	158
AFC601121	Steel Double Action Bulb Type Karabiner	159
AFC601401	Aluminum Screw Gate Karabiner	159
AFC601405	Aluminum Screw Gate Karabiner	159
AFC601410	Aluminum Triple Action Karabiner	160
AFC601415	Aluminum Double Action Karabiner	160
AFC601420	Aluminum Screw Gate Bulb Type Karabiner	159
AFC601421	Aluminum Double Action Bulb Type Karabiner	160
AFC601422	Aluminum Double Action Bulb Type Karabiner	160
AFC601701	Stainless Steel Quarter Turn Locking Bulb Type Karabiner	161
AFC601710	Stainless Steel Triple Action Karabiner	161
AFC601711	Stainless Steel Triple Action Locking Karabiner	161
AFC601715	Stainless Steel Double Action Karabiner	161
AFC608100	Steel Tower Hook	162
AFC608410	Aluminum Anchorage Hook for Telescopic Pole	162
AFC608701	Stainless Steel Anchorage Hook	162
AFG801001	Removable Rope Grab for Twisted Rope	102
AFG801002	Removable Rope Grab for Stainless Steel Wire Rope	103
AFG801011	Removable Rope Grab for Kernmantle Rope	103
AFG801013	Removable Rope Grab for Twisted and Kernmantle Rope with Anti Panic Feature	102
AFG801015	Removable Rope Grab for Kernmantle Rope	103
AFG801016	Removable Rope Grab for Twisted and Kernmantle Rope	102

Ref. No.	Products Name	Page No.
AFH300051	Essential Harness	40
AFH300054	Essential Harness	40
AFH300058	Essential Harness	41
AFH300203	Elite Harness	36
AFH300204	Elite Harness	36
AFH300206	Elite Harness	37
AFH300207	Elite Harness	38
AFH300215	Elite Harness	38
AFH300251	Elite Harness	37
AFH300401	Riggers Harness - Epic Series	29
AFH300402	Construction Harness - Epic Series	29
AFH300403	Wind Harness - Epic Series	30
AFH300404	Rescue Harness - Epic Series	30
AFH300404C	Rescue Harness with CROLL - Epic Series	31
AFH300405	Tower Harness - Epic Series	31
AFH300409	Derrickman's Harness - Epic Series	32
AFH300410	Derrickman's Lite Harness - Epic Series	32
AFH300411TB	Miners Harness - Epic Series	33
AFH300701	HotWorX harnesses - Element Series	44
AFH300702	HotWorX harnesses - Element Series	44
AFH300703	AtexWorX harness - Element Series	45
AFH300704	ExtremeWorX - Element Series	43
AFH300705	ExtremeWorX - Element Series	43
AFH300706	ElectWorX Harness - Element Series	42
AFH300707	ElectWorX Harness - Element Series	42
AFH300708TB	Miners Element Harness - Element Series	45
AFK110009	Roof Workers Kit	48
AFL401070	ESSENTIAL Shock Absorbing Lanyard Webbing	58
AFL401111	ESSENTIAL Shock Absorbing Lanyard Webbing	58
AFL401140	ESSENTIAL Shock Absorbing Lanyard Webbing	58
AFL401150	EPIC Shock Absorbing Lanyard	53
AFL401160	EPIC Shock Absorbing Lanyard	53
AFL401765	ElectWorX Lanyard - Element Series	63
AFL401865	ElectWorX Lanyard - Element Series	63
AFL402601	ELITE Leading Edge Kernmantle Rope Shock Absorbing Lanyard	57
AFL402611	ELITE Leading Edge Kernmantle Rope Shock Absorbing Lanyard	57
AFL402651	ELITE Leading Edge Kernmantle Rope Shock Absorbing Lanyard	57
AFL403111	ESSENTIAL Shock Absorbing Lanyard	59
AFL403611	ESSENTIAL Shock Absorbing Lanyard	59
AFL405301(PR)	EPIC Work Positioning Lanyard 12mm Kernmantle Rope	54
AFL405351	EPIC Work Positioning Lanyard 12mm Kernmantle Rope	54
AFL406151	ESSENTIAL Restraint Lanyard 12mm Twisted Rope	60
AFL406341	ESSENTIAL Polyester 30.0 Webbing Lanyard	60
AFL406601	ESSENTIAL Restraint Lanyard 12mm Twisted Rope	60
AFL406650	EPIC Shock Absorbing Lanyard	53
AFL408131	Elite Shock Absorbing Lanyard Webbing	55
AFL408141	Elite Shock Absorbing Lanyard Webbing	55
AFL408226	EPIC Shock Absorbing Elasticated Lanyard	52
AFL408266	EPIC Shock Absorbing Elasticated Lanyard	52
AFL408283	ELITE Elasticated Shock Absorbing Lanyard	56
AFL408284	ELITE Elasticated Shock Absorbing Lanyard	56
AFL408381	EPIC Shock Absorbing Elasticated Lanyard	52
AFL408389	ELITE Elasticated Shock Absorbing Lanyard	56
AFL408612	Elite Shock Absorbing Lanyard Webbing	55
AFL408701	HotWorX Lanyard - Element Series	61
AFL408721	AtexWorX Lanyard - Element Series	62
AFL408741	ExtremeWorX Lanyard - Element Series	64
AFL408805	HotWorX Lanyard - Element Series	61
AFL408825	AtexWorX Lanyard - Element Series	62
AFL408845	ExtremeWorX Lanyard - Element Series	64
AFS510003.5	Brute SRL's (Wire Rope)	72
AFS510003.5SE	Brute SRL's Leading Edge (Wire Rope)	76
AFS510003.5SS	Brute Stainless Steel SRL's (Wire Rope)	79
AFS510006	Brute SRL's (Wire Rope)	72
AFS510006SE	Brute SRL's Leading Edge (Wire Rope)	76
AFS510006SS	Brute Stainless Steel SRL's (Wire Rope)	79

INDEX

Ref. No.	Products Name	Page No.
AFS510010	Brute SRL's (Wire Rope)	73
AFS510010SE	Brute SRL's Leading Edge (Wire Rope)	76
AFS510010SS	Brute Stainless Steel SRL's (Wire Rope)	80
AFS510015	Brute SRL's (Wire Rope)	73
AFS510015SE	Brute SRL's Leading Edge (Wire Rope)	77
AFS510015SS	Brute Stainless Steel SRL's (Wire Rope)	80
AFS510020	Brute SRL's (Wire Rope)	73
AFS510020R	Brute Retrievals SRL's (Wire Rope)	82
AFS510020SE	Brute SRL's Leading Edge (Wire Rope)	77
AFS510020SS	Brute Stainless Steel SRL's (Wire Rope)	80
AFS510025	Brute SRL's (Wire Rope)	74
AFS510025SS	Brute Stainless Steel SRL's (Wire Rope)	81
AFS510030	Brute SRL's (Wire Rope)	74
AFS510030R	Brute Retrievals SRL's (Wire Rope)	82
AFS510030SS	Brute Stainless Steel SRL's (Wire Rope)	81
AFS550002	Micron SRL's	84
AFS550003.5	Brute SRL's (Webbing)	75
AFS550003.5SE	Brute SRL's Leading Edge (Webbing)	78
AFS550006	Brute SRL's (Webbing)	75
AFS550006SE	Brute SRL's Leading Edge (Webbing)	78
AFS550012	Brute SRL's (Webbing)	75
AFS550102	Micron SRL's	84
AFS550102D	Micron SRL's	84
AFS551002(SW)	Mini Block (Swivel)	86
AFS57000LB	Ladder Extension Post	88
AFS57000TL	Tagline Ladder Anchor Point Bracket	88
AFS570010	Brute Sealed Block	70
AFS570010B	Sealed SRL Mounting Bracket	89
AFS570020	Brute Sealed Block	70
AFS570020B	Sealed SRL Mounting Bracket	89
AFS570020R	Brute Sealed 3 Way Retrievals	71
AFS570028	Brute Sealed Block	69
AFS570030B	Sealed SRL Mounting Bracket	89
AFS570030R	Brute Sealed 3 Way Retrievals	71
AFSR51010	BRUTE Controlled Retractable Fall Arrest Block	85
AFT710007HD	Tripod (7ft)	129
AFT710010HD	Tripod (10ft)	129
AFT730013	Flange Anchor Bracket	128
AFT730042 (20m)	Winch	131
AFT730120 (20m)	Winch	131
AFT730135 (35m)	Winch	131
AFT7500	Extreme Davit	130
AFT751011	H-Base Davit Arm	123
AFT751021	Floor Mounting Davit	124
AFT751031	Wall Mounting Davit	124
AFT751041	Core Mounting Sleeve Davit	124
AFT751080	Extendable Pole Hoist Davit	128
AFT751085	Hitch Mounting Davit	125
AFT751090	Dead Weight Davit	126
AFT755015	Shoring Adjustable Anchor Davit Mount	127
AFT755016	Barrel Mount	127
AFX2000105(200) 10.5mm	Textile Rope for Anchorage Lines	140
AFX200011(200) 11mm	Textile Rope for Anchorage Lines	140
AFX200012(200) 12mm	Textile Rope for Anchorage Lines	140
AFX200630	Swived Connector - Both Side Openable from Top Swivel Assembly	136
AFX200631	Swived Connector - Swivel Assembly	136
AFX200632	Swived Connector - One Side Openable Swivel Assembly	136
AFX200633	Swived Connector - Both Side Openable From Side Swivel Assembly	136
AFX201001	Easy Seat	148
AFX201011	Spreader Bar	148
AFX201021	IRSQ Pilot Chair	149
AFX201023	Bosun's Chair - Epic Series	34
AFX201035	IRSQ Evacutaion Triangle	149
AFX202001	IRSQ - Grip Descender	138
AFX202002	IRSQ - Descender Jumper	138
AFX203001	IRSQ Rope Edge Protector	150
AFX203002	Edge Protector	150

Ref. No.	Products Name	Page No.
AFX203003	Edge Protector	150
AFX203050	Rope Termination Anchor	139
AFX203054	Rigging Plate 4 Holes	139
AFX203058	Rigging Plate 8 Holes	139
AFX204001	Ascender Handle (R)	137
AFX204002	Ascender Handle (L)	137
AFX204101	Ventral Blocker	150
AFX205001	Rescue Stretcher	146
AFX206004	Aluminum Double Tandem Pulley Big with SS Sheaves	135
AFX206009	Aluminum Double Tandem Pulley Small with SS Sheaves	135
AFX206015	Single Pulley with One Side Attachment	134
AFX206016	Double Pulley with Two Side Attachment	134
AFX206017	Single Pulley with Three Attachments	135
AFX207004	Rescue Pole Kit	145
AFX208007	Figure of 8	139
AFX209001	IRSQ Rescue Kit	143
AFX209020	IRSQ Ladder System	144
AFX209040(50)	Self Evacuation Kit	144
AFX209060	EVAC MINI	142
AFX209070(40)	EVAC-R	142
AFX209085	ELITE RESCUER 5:1 HAULING KIT	143
AFZ120025	Miners Waist Belt	46
AFZ120026	Miners Waist Belt	46
AFZ150100	Suspension Trauma Straps	47
AFZ177150	Rescue Kit Bag Water Proof 30L	152
AFZ177197	Duffle Bag Water Proof 40L	152
AFZ18100010	BRUTE Load Arrestor	166
AFZ18100011	BRUTE Load Arrestor	166
AFZ18100016	BRUTE Load Arrestor	166
AFZ1830010	BRUTE Load Arrestor	165
AFZ1830015	BRUTE Load Arrestor	165
AFZ1840010	BRUTE Load Arrestor	165
AFZ1840015	BRUTE Load Arrestor	165
AFZ1840020	BRUTE Load Arrestor	165
AFZ1850010	BRUTE Load Arrestor	166
AFZ1850015	BRUTE Load Arrestor	166
AFZ190001	Monkey Board Belt - Epic Series	33
AFZ830010 (10m)	Sealed SRL Tagline	68
AFZ830013 (4m)	Standard SRL's Tag Line	68
AFZ830020 (20m)	Sealed SRL Tagline	68
AFZ830025 (8m)	Standard SRL's Tag Line	68
AFZ830028 (28m)	Sealed SRL Tagline	68
AFZ830050 (15m)	Standard SRL's Tag Line	68
AFZ830100 (30m)	Standard SRL's Tag Line	68
AFZ900100	SRL Weather Cover	86
AFZ900200	SRL Weather Cover	86
AFZ900300	SRL Protection Case	87
AHC101001O (ORANGE)	Rescue/Climbing Helmet	151
AHC101001R (RED)	Rescue/Climbing Helmet	151
AHC101001W (WHITE)	Rescue/Climbing Helmet	151
DA300101	Kaptor - Tool Lanyards Accessories (Elastic Hard Hat Lanyard w/Clamp)	171
DA300201	Tool Lanyards Accessories (Small Tool/Radio Holster)	172
DA300301	Tool Lanyard Accessories (Tape Measure Holder)	172
DA300401	Kaptor - Tool Lanyards Accessories (Pull-On Wrist Lanyard with Buckle)	171
DA300411	Kaptor - Tool Lanyards Accessories (Wrist Tool Lanyard)	171
DA300501	Tool Lanyard Accessories (Drill Batery Holder)	172
DA300503	Tool Lanyard Accessories (Hammer Holder)	172
DB500015(L)	KAPTURE Bag Liner	167
DB500055(L)	KAPTURE Bag Liner	167
DB500101	KAPTURE Tool Bucket	167
DB500151	KAPTURE Tool Bucket	167
DL100010SW	Kaptor - Retractable Tool Lanyard with Swivel Karabiner	171
DL100011	Kaptor - Tool Lanyard Single Leg	170
DL100012	Kaptor - Tool Lanyard Dual Leg	170

Ref. No.	Products Name	Page No.
DL100021	Kaptor - Tool Lanyard Single Leg	170
DL100022	Kaptor - Tool Lanyard Dual Leg	170
DL100023	Kaptor - Tool Lanyard (Mobile Fixing Holder with VHB Tape)	171
DL100041	Kaptor - Tool Lanyard (Tool Lanyard Single Karabiner with Web Loop)	170
DL100042	Kaptor - Tool Lanyard (Dual Leg Tool Lanyard Single Karabiner with Web Loops)	170
DL100101	Kaptor - Tool Lanyard (Elastic Loop Tool Tails Ext)	171
DL100151	Kaptor - Tool Lanyard (Elastic Loop Tool Tails Swivel)	171
DL100201	Kaptor - Tool Lanyard (Accessory Kit - Detachable Loop)	170
DL100301	Kaptor - Tool Attachment D-Ring Lanyard (Web Tool Tail)	168
DL100302	Kaptor - Tool Attachment D-Ring Lanyard (Web Tool Tail)	168
DL100303	Kaptor - Tool Attachment D-Ring Lanyard (Web Tool Tail)	168
DL100304	Kaptor - Tool Attachment D-Ring Lanyard (Web Tool Tail)	168
DL100305	Kaptor - Tool Attachment D-Ring Lanyard (Web Tool Tail)	168
DL100351	Kaptor - Tool Attachment Swivel D-Ring Lanyard (Web Tool Tail with Swivel)	168
DL100352	Kaptor - Tool Attachment Swivel D-Ring Lanyard (Web Tool Tail with Swivel)	168
DL100353	Kaptor - Tool Attachment Swivel D-Ring Lanyard (Web Tool Tail with Swivel)	168
DL100354	Kaptor - Tool Attachment Swivel D-Ring Lanyard (Web Tool Tail with Swivel)	168
DL100355	Kaptor - Tool Attachment Swivel D-Ring Lanyard (Web Tool Tail with Swivel)	168
DL100400	Kaptor - Tool Lanyard (Detachable Elasticated Single Screwgate Karabiner (without Loop)	170
DL100401	Kaptor - Tool Lanyard (Detachable Elasticated Single Screwgate Karabiner)	170
DL100501	Kaptor - Tool Lanyard (Coiled Cable Lanyard)	171
DL100601	Kaptor - Tool Lanyards (Clip to Loop Coil Tether)	171
DL100611	Kaptor - Tool Attachment (D-ring with Cord Loop Attachment)	169
DL100701	Kaptor - Tool Lanyard (Hook to Loop Bungee Tool Tether)	170
DL100711	Kaptor - Tool Lanyard (Hook to Loop Tool Tether Heavy Duty)	170
DL100801	Kaptor - Tool Attachment Wire Loops (Wire Loop)	169
DL100802	Kaptor - Tool Attachment Wire Loop (Wire Screw Gate Tool Tail)	169
DL200101	Kaptor - Tool Attachment Cinch (Tool Cinch - Dual Wing - Midium Duty)	169
DL200201	Kaptor - Tool Attachment Cinch (Tool Cinch- Dual Wing - Midium Duty)	169
DL200301	Kaptor - Tool Attachment Cinch (Tool Cinch - Midium Duty)	169
DL200311	Kaptor - Tool Attachment Cinch (Tool Cinch - Single Wing - Midium Duty)	169
DT700101	Kaptor - Q Wrap Tape (Self-Adhering Tape Trap)	169

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