



USER INSTRUCTION MANUAL
EDGE FIX ANCHOR

THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODEL:

AFA930901

CE 0598
EN 795:2012 Type B
TS 16415:2013 Type B

CERTIFIED PRODUCT



AUSTRALIA & NZ STANDARDS
Certified to AS/NZS 5532:2013
Issued by BSI
Vide Lic. No.: BMP 760374

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

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

- INTRODUCTION:** This Anchor is classed as a Personal Protective Equipment (PPE) by the European PPE Regulation (EU)2016/425 and have been shown to comply with this regulation through the Harmonized European Standard EN 795:2012, Type B and TS 16415:2013 Type B (4 users) Australia & NZ Standards AS/NZS 5532:2013.
 This Anchor is designed to minimise the risk of/provide protection against the danger of falling from heights. However, always remember that no item of PPE can provide full protection and care must always be taken while carrying out the risk related activity.
- PERFORMANCE AND LIMITATIONS OF USE:** The Anchor has been tested in accordance with EN 795:2012, Type B and TS 16415:2013 Type B (4 users), Australia & NZ Standards AS/NZS 5532:2013 and has achieved the following performance levels.

EN 795 : 2012, Type B	Result/Comment
General (Clause 4.1)	(PASS)
Static Strength (Clause 4.4.2.3)	Sustained a force of 15 kN for 3 Min. (PASS)
Dynamic Strength (Clause 4.4.2.2)	When tested with rigid steel mass of 100 kg, the test mass held after test with the remaining stable throughout. (PASS) Load Direction 1- Peak force of 8.1kN; Maximum deflection 20mm; Displacement Point 17mm
Corrosion Resistance (Clause 4.2.2.2)	No corrosion evident after 48 hours of salt spray testing (PASS)

TS16415:2013 Type B Test	General Requirement
General Requirement Clause 4.1	Pass
Specific Requirement	
Dynamic Strength & Integrity test Clause 4.2.2.1	Drop #01 with 200kg mass Peak Force 8.8kN & Max Deflection 100mm
	Drop #02 Peak Force 8.1kN & Max Deflection 100mm
	Drop #03 with 100kg mass Peak Force 8.1 kN & Max Deflection 100 mm Following Dynamic Test 900kg load sustained for 3 mins without failure)
Static Strength Test Clause 4.2.1.2	Sustained a Static Load of 13kN (4 users) for 3 mins without failure

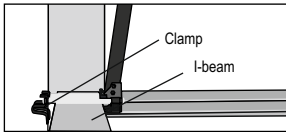
AS/NZS 5532:2013 test	Result/Comment
Static Strength (Clause 5.3)	Sustained a force of 15 kN for 3 minutes (PASS).
Dynamic Performance (Clause 5.3)	When tested with rigid steel mass of 100 kg, the test mass held after test with the device remaining stable throughout. (PASS)

- APPLICATION:** Portable and extremely easy to install Anchor Post for installation of Horizontal Line on steel construction I-Beam section.
- INSPECTION :** Visually inspect the system before each use to ensure that it is in a serviceable condition and is operating correctly. If during inspection, doubts are raised about the safety of the system or a component, these should be replaced either by the manufacturer or a competent person.
- PRECAUTIONS:**
 - Ensure the Medical condition of the user does not affect his safety in normal and emergency use.
 - The equipment shall only be used by a person trained and competent in its safe use.
 - A rescue plan shall be in place to deal with any emergencies that could arise during the work.
 - When the anchor device is used as part of a fall arrest system, the user shall be equipped with a means of limiting the maximum dynamic forces exerted on the user during the arrest of a fall to a maximum of 6 kN.
 - Maximum load(s) that could be transmitted in service from the anchor device to the structure and the directions of loading relevant to the type of fixing and structure is 15kN

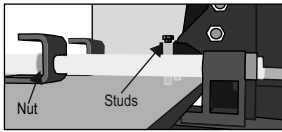
- Ensure that anchor device is marked with the date of the next or last inspection.
- Use only compatible connections with the anchor device to which it has been tested. Making combination or alteration may result in serious injury or death.
- Prior to EACH use, inspect the lifeline for deficiencies, including, but not limited to, corrosion, deformation, pits, burrs, rough surfaces, sharp edges, cracking, rust, paint buildup, excessive heating, alteration, broken stitching, fraying, birdcaging, and missing or illegible labels. IMMEDIATELY remove the lifeline from service if defects or damage are found, or if exposed to forces of fall arrest.
- A full body harness is the only acceptable body holding device which can be used in fall arrest system.
- Atleast every 6 months a competent person other than user must inspect the anchor and record its data in the equipment record table in the manual.
- Safety of the user depends of continued efficiency and durability of the device.
- Periodic examination to be conducted by a competent person as per the manufacturers instructions;
- Please check the legibility of the marking of the device before every use.

6. INSTALLATION:-

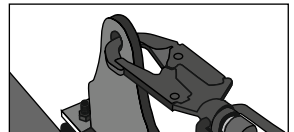
Follow below steps for Installation of Edge Fix Anchor-



Place the anchor onto the I beam while the clamps are loosened and slide it in so as to fit the size of I beam.



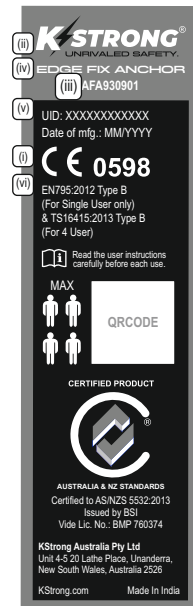
Tighten the clamps to the fullest with help of Studs & Nut and ensure that the anchor is in desired upright position.



Now, the eye of the anchor is ready to used as individual anchorage point.

- ANCHORAGE STRENGTH:** Ensure that the structure on to which the anchor is fitted is strong enough to withstand a load of 15 kN.
- COMPATIBILITY :** To optimise protection, in some instance it may be necessary to use the anchorage sling with suitable PPE such as: boots/gloves/helmet and ear protection. In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application.
- LIMITATIONS:**
 - It should be the personal property of its user.
 - It should not be used in highly acidic or basic environments.
 - Ensure that the Anchor is installed directly above the user's head.
 - Ensure that the equipment is compatible with other items when assembled into a system.
 - It is essential to verify the free space required beneath the user at work place before each occasion of use, so that in case of a fall there will be no collision with ground or other obstacle in the fall path.
 - It is essential for the safety of user that if the product is resold outside the original country of destination, the reseller shall provided instruction for use, for maintenance, for periodic examination and for repair in the language of the country in which product in to be used.
 - Anchor device should only be used for personal fall protection equipment and not for lifting equipment.
- REPAIR :** If the product becomes damaged, it will NOT provide the optimum level of protection, and therefore should be immediately removed from service. It needs to be inspected to see if it is replaced or repaired. Never use the damaged product. Repair is only permitted by the manufacturer or a nominated repair centre or individual approved by the manufacturer.
- CLEANING and MAINTENANCE :** In case of minor soiling, wipe the anchor with cotton cloth or a soft brush. Do not use any abrasive material. For intensive cleaning wash the anchor in water at a temperature between 30°C to 60°C by using a neutral detergent (pH 7). The washing temperature should not exceed 60°C. Do not use acidic or basic detergents.
- STORAGE AND TRANSPORT :** When not in use, store the anchor away from heavily acidic or basic environment. Never place heavy items on top of it. Also, ensure that it is stored away from chemically hazardous environment preferably storage should be in dry environment.
- WITHDRAWAL FROM USE :** If the system has been used to arrest a fall, it should be removed from service and returned to the manufacturer or a competent repair centre for servicing and retest.
- WARNING:**
 - Do not make any alterations or additions to the equipment without the manufacturer's prior written consent and that any repair shall only be carried out by personnel trained by the manufacturer and duly authorized by him.
 - The equipment shall not be used out side its limitation, or for any purpose other than that for which it is intended.

PRODUCT MARKING



The Anchor is marked with :

- The CE mark showing that the product meets the requirements of the PPE Directive (EU)2016/425
- Identification of the manufacturer
- Type or item code marking
- Item description
- UID for traceability
- Norm Reference.

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

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

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

Certification Body:

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

Ongoing Assessment Body:

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

Certification Body & Ongoing Assessment Body (AUSTRALIA & NZ STANDARDS)

BSI Group ANZ Pty Ltd, Suite 1, Level 1, 54 Waterloo Road, Macquarie Park, NSW 2113, Australia.

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



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USA	South America	Asia	Australia	New Zealand
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