



USER INSTRUCTION MANUAL
EDGE SINGLE POINT ANCHOR

THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODEL:

AFA930001, AFA930001SS, AFA930001B

CERTIFIED PRODUCT



EN 795:2012 Type A
TS16415:2013 Type A

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.

"To be used in accordance with manufacturer's instructions"

- 1. INTRODUCTION:** The Edge Single point anchor is classed as a Personnel Protective Equipment (PPE) by the European PPE Regulation (EU)2016/425 and has been shown to comply with this Regulation through the Harmonized European Standard EN 795:2012 type A, TS 16415:2013 Type A (for up to 4 users) and Australia & NZ Standards AS/NZS 5532:2013.

This Anchor is designed to minimize 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.

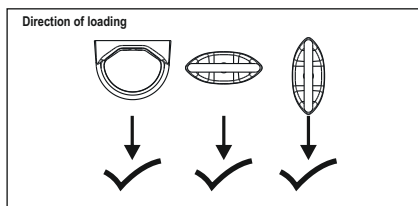
- 2. PERFORMANCE AND LIMITATIONS OF USE:** The Anchor has been tested in accordance with EN 795:2012 type A and Australia & NZ Standards AS/NZS 5532:2013 and have achieved the following performance levels-

| EN 795:2012 Type A test | Result/Comment |
|--|---|
| General Requirements for Anchor devices (Clause 4.2) | (PASS) No sharp edges (PASS). |
| Static Strength (Clause 4.4.1.3) | Sustained a force of 12 kN for 3 minutes (PASS). |
| Dynamic Strength & Integrity Test (Clause 4.4.1.2) | When tested with rigid steel mass of 100 kg, the test mass held after test with the device remaining stable throughout. (PASS) Anchor Holds an increased load of 300kg for 3 min following dynamic test. |
| Corrosion Resistance (Clause 4.7) | No corrosion evident after 48 hours of salt spray testing. (PASS) |

| TS16415:2013 Type A Test | Results |
|---|---|
| General Requirement Clause 4.1 | Pass |
| Specific Requirement | |
| Static Strength Test Clause 4.2.1.2 Dynamic Strength and Integrity test Clause 4.2.1.1 | Sustained a Static Load of 15kN (4 users) for 3 mins without failure Drop #01 Peak Force 8.6kN and Max Deflection 79mm Drop #02 Peak Force 7.3kN and Max Deflection 87mm Drop #03 Peak Force 6.4kN and Max Deflection 94mm Following Dynamic Test 900kg load sustained for 3 mins without failure |

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

- 3. 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.

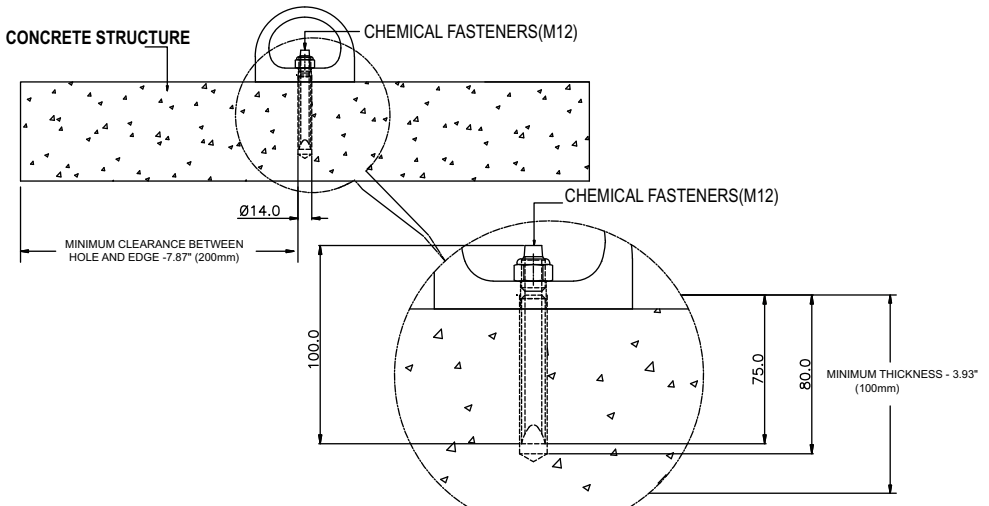


4. INSTRUCTIONS FOR USAGE : (AFA930001 / AFA930001SS / AFA930001B)Single Point Anchor is to be used for anchorage in a fall arrest system.

This anchor can be fixed to walls, ceilings, roof tops or steel structures present in the working environment.

- For Steel structures - drill one hole of dia 12.5mm in the steel structure (pass through) and bolt the anchor using one M 12 steel nut & bolt. Ensure that the nut & bolt is tightened.
- For Concrete Structures such as walls, ceiling and roof tops, ensure the concrete has a compression strength of at least 3000 PSI. Use one M12 chemical fastener to be fixed directly into the concrete structure. Refer Hilti fastener HVU installation guide.

The Anchor can be fixed so that the load impact is in any of the directions shown in the figure:-



5. LIMITATIONS

- The Anchor should be the personal property of its user.
- It should not be used in highly acid or basic environment.
- Ensure that the structure on to which the anchor is fitted is strong enough to withstand a load of 15kN. If unsure of structure strength, refer to an engineer.
- Ensure that the Anchor is installed directly above the user's head

6. COMPATIBILITY: To optimise protection, in some instance it may be necessary to use the anchor with suitable PPE such as: boots/ gloves/ helmet and ear protection. In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application.

7. 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.

8. CLEANING: 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 acid or basic detergents.

9. 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.

10. WITHDRAWAL FROM USE: If the system has been used to arrest a fall, it should be removed from service and returned to the manufacturer or a competent repair centre for servicing and re test.

MARKING



The Anchor is marked with :

- Identification of the manufacturer
- Type or product code
- Product description
- UID
- Compiled Norms

