



USER INSTRUCTION MANUAL ENGINEERED SINGLE POINT ANCHORS

THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODELS:

AFA930002, AFA930001SS, AFA930316, AFA930316C,
AFA935508(100), AFA935515, AFA930310, AFA935503,
AFA935502, AFA935504

CERTIFIED PRODUCT



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

EN 795:2012 Type A



DISCLAIMER

The information provided in this User Instruction is based on technical data obtained by KStrong under laboratory conditions and is believed to be reliable; however, KStrong makes no guarantees regarding results and assumes no liability or obligation arising from the use of this information. Since conditions of end use are beyond KStrong's control, it is the user's responsibility to assess hazard levels, determine product suitability for the intended application, and ensure the use of appropriate personal protective equipment. Evaluation under specific end-use conditions should be conducted by persons with appropriate technical expertise at their own discretion and risk.

This information is provided solely to assist in verifying that the selected product is suitable for its intended use. Any product that is damaged, torn, worn, punctured, altered, or misused must be removed from service immediately. Failure to follow the manufacturer's instructions for proper use, care, maintenance, or system integration may result in serious injury or death. All manufacturer's instructions for each component or part of the complete system must be read, understood, followed, and retained, and must be kept available for the user's reference at all times. The user is advised to retain this User Instruction document for the life of the product.

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 its proper use. Users are required to complete and record the pre-use inspection as outlined in this UIM. Failure to follow these inspection and usage requirements significantly increases the user's liability exposure, as improper or undocumented use may not be supported during an incident investigation and could affect warranty or service outcomes. The manufacturer is not liable or responsible for any loss, damage, or injury caused or incurred by any person due to improper usage or installation of this product.

IMPORTANT SAFETY INFORMATION

Failure to follow these instructions may result in serious injury or death. Read and understand all instructions before using this fall arrest system

PREFACE

For supplementary information, see AS/NZS 1891.4 2025 Personal equipment for work at height Part 4: Selection, use and maintenance, which covers:

- (i) The traceability of the anchor;
- (ii) Multiple anchor system design;
- (iii) Anchor installation location;
- (iv) Visual inspection before use;
- (v) Compatibility with connectors;
- (vi) Inspection frequency; and
- (vii) Removal from service.

This User Instruction Manual has been designed to comply with the AS/NZS 5532:2013 Manufacturing requirements of single point anchor device used for harness based work at height. Section 7 Instructions for Use & Marking.

A. KEY FALL PROTECTION CONSIDERATIONS

A1. Fall Clearance

When designing your fall protection system, it is critical to carefully evaluate every component to prevent injury. Figure A and Figure AA illustrate how to determine Minimum Fall Clearance Required Distance (RD).

FIGURE A (Fall Clearance with Lanyards)

$$RD = FFD + DD + C$$

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

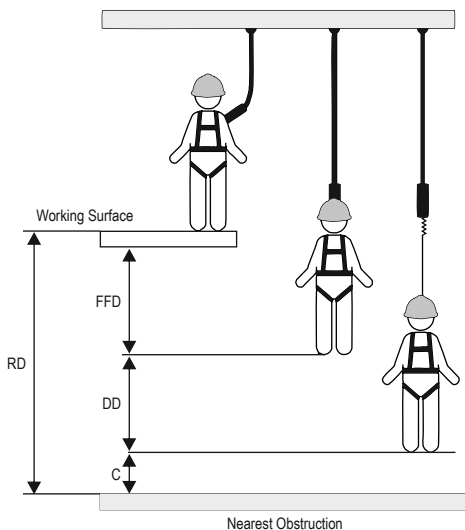
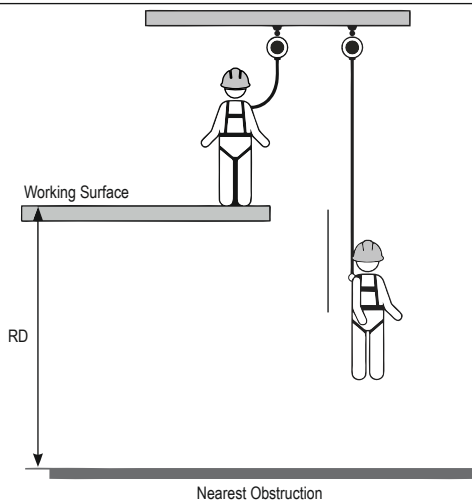


FIGURE AA (Fall Clearance with SRLs)

RD = Required Distance is 2.4M

Required distance below working surface to
Nearest Obstruction

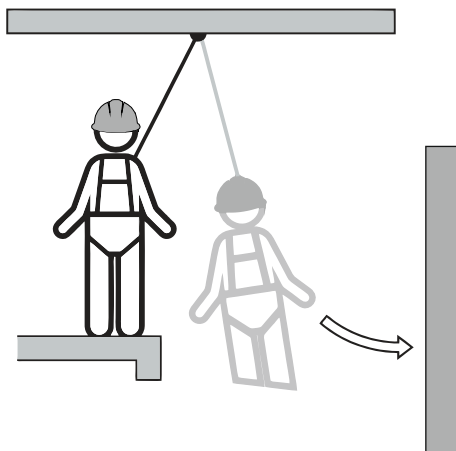


A2. Swing Fall

Positioning yourself off-centre from an anchor point risks a swing fall. Refer to Figure B. Fall protection systems must be configured to minimise the risk of a swing fall.

- Impact with an object as a result of a swing fall may cause serious injury or death.

FIGURE B (Swing Fall)



A3. Hazards

Operating this equipment in hazardous conditions may result in equipment damage and/or impair its performance. Such hazards include, but are not limited to: extreme temperatures, sharp edges, chemical agents, electrical conductivity, abrasion, cutting forces, outdoor exposure, and rotating or moving machinery.

A4. Training

All users must receive adequate training in the inspection, configuration, and operation of this equipment. Each user is responsible for ensuring they are properly trained and fully aware of the equipment's operational limits.

- Failure to use this equipment correctly may result in severe injury or death.

A5. Rescue

Both the user and their employer are responsible for establishing and maintaining a suitable rescue plan, and for being able to execute it at, all times during setup and use of this equipment.

A6. Record Keeping

KStrong advises that the owner of this product keeps a record, which is made available to users, containing the following: product identification marks; manufacturer name, contact details and serial number; suitability for use with other components; date of purchase; date into service; date of next inspection/service, and; a space for user comments.

B. CONNECTIONS

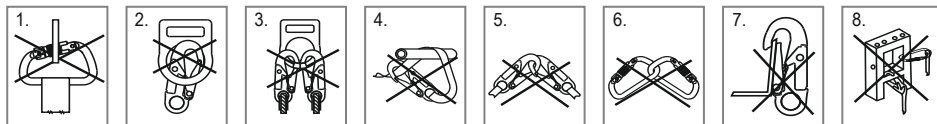
B1. Making Connection

Only form compatible connections. Before use, always verify that connectors are fully closed and locked. The following, along with Figure C, illustrate examples of connections that must be avoided;

- To an anchor or D-ring which has another connector attached.
- In a position that will apply load to the gate mechanism.
- By passing the connection through the attachment.
- Connecting a connector to another connector.
- Around a structure and back to the lifeline.
- To an attachment that will limit the function of the gate.
- To a location that will not load the connector as designed.

FIGURE C

NOTE: Large throat opening snap hooks should not be connected to standard size D-rings or similar objects which will result in a load on the gate if the hook or D-ring twists or rotates. Large throat snap hooks are designed for use on fixed structural elements such as rebar or cross members that are not shaped in a way that can capture the gate of the hook. (Refer 7 & 8)



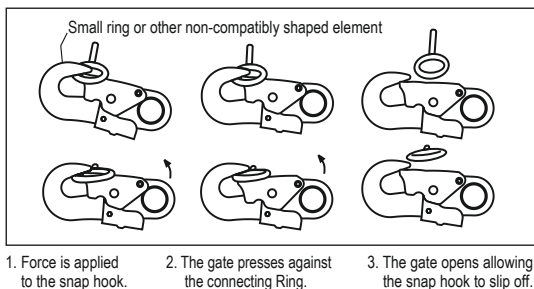
B2. Compatibility of Connections

All connections made to and with this equipment must be compatible. Connectors must match in shape, size, and load rating to ensure a safe and secure connection. Incompatible connections risk placing load on the gate mechanism, which may lead to accidental disengagement. See Figure D. All connectors must comply with EN362 and be equipped with automatic closing and locking functions.

- Using an incompatible or improper connection may cause accidental disengagement of the connector, potentially resulting in serious injury or death.

FIGURE D (Compatibility of Connections)

If the connecting element to which a snap hook (shown) or Karabiner attaches to is undersized or irregular in shape, a situation could occur where the connecting element applies a force to the gate of the snap hook or Karabiner. This force may cause the gate (of either a self-locking or a non-locking snap hook) to open, allowing the snap hook or Karabiner to disengage from the connecting point.



C. USE

C1. Planning

Prior to commencing work, assess all workplace hazards and available fall clearance to plan your working at heights and rescue procedures. Confirm that all users are physically fit and competent to operate this equipment and carry out the rescue plan safely.

C2. Use

- 1A. Conduct a Pre-Use Inspection of the product and structure as per this instruction manual.
- 1B. If the product and/or structure fail this inspection, remove from service immediately - tag or isolate to prevent further use - return into service only after a competent person inspection clears it. Record the event and further actions taken.
2. Review the recommendations for use with other components.
3. Check compatibility with attachment hardware.
4. Check the anchor rating is suitable.
5. Connect the users fall arrest system to the attachment point on the product.
6. The product may be used with a fall direction in any direction around the product when installed into steel.
7. When chemically fixed into concrete the product may be used with a fall direction in any direction around the product whilst in shear, but may not be used where the fall direction exceeds 20° in tension.
8. In the event of any fall, follow steps as per 1B.

D. STORAGE, TRANSPORT AND MAINTENANCE

D1. Storage and transport

This equipment must be stored and transported in a cool, dry location, shielded from hazards and protected from direct sunlight.

D2. Maintenance

D.2.1 The anchors in this instruction are non serviceable. The equipment may remain in service until it fails an inspection or is involved in a fall.

- Do not attempt to alter or take apart this product in any way.

D3. Cleaning

Periodic cleaning by the end user can help extend the service life of the anchors. Following any cleaning, carry out the pre-use inspection. Use a cloth and warm water to clear away dirt and grit. For grease or oil residue, a mild detergent may be applied.

- Never put this product away while it is still wet. Ensure the product is fully dry and has passed a pre-use inspection before returning it to service.

E. INSPECTION

E1. Before and After Use

The anchor product, and the surrounding anchorage structure, must be checked by the user both before and after every use to insure that it is in a serviceable condition.

E2. Competent Person

The anchor product, and the surrounding anchorage structure, must be inspected by a competent person no less than once every 12 months, and must meet all specific criteria set out in the inspection record for that product.

E3. Procedure

E3.1 Anchorage Structure – inspect the surrounding concrete or steel anchorage structure for cracks, excessive/penetrative corrosion, or any other signs that it's structural integrity may be compromised.

E3.2 Attachment Point - inspect for damage, deformation, corrosion or signs of over loading.

E3.3 Markings - inspect all markings are present and legible.

E3.4 Proof Loading - Applicable for concrete anchors only as per AS/NZS1891.4. Proof load each fixing to 50% of its rating, in direct tension, and hold for 3 minutes. Competent person inspection only.

F. LIMITATIONS OF USE

F1. Temperature Range for Use

KStrong Single Point Anchors have been tested to work safely at temperatures between -40°C & 54°C . Temperature range for KStrong Single Point Anchors for Concrete fixed with Hilti RE100 or RE500 is between 5°C & 40°C , at time of installation, and between -40°C and 70°C for use. NB this range may differ if alternative chemical adhesives are used.

F2. Product Life

KStrong Single Point Anchors have a standard lifespan of 10 years from date of installation, but may remain in service indefinitely, providing they pass annual competent person inspections. It must be noted that the effective lifespan of the product will be limited by both the condition of the anchorage structure into which it is installed, and the fixing methodology ie chemical adhesive.

F3. Bi-Metallic Corrosion

Where dissimilar metals are in contact or in proximity, bi-metallic (galvanic) corrosion may occur. All metallic components must be compatible with the installation substrate and surrounding materials. Where dissimilar metals cannot be avoided, appropriate isolation measures must be applied to prevent direct metal-to-metal contact.

F4. Compatibility of Connectors

Refer to above Section B.

F5. Corrosive Environments

KStrong Single Point Anchors are manufactured from stainless steel grade 316 and aluminium are suitable for use in most environments. However, exposure to corrosive conditions — including coastal, marine, industrial, chemical, or high-humidity environments — may accelerate degradation and reduce service life. In corrosive environments, inspection frequency must be increased beyond standard intervals, as determined by a competent person.

G. WARNINGS

G1. Warnings for Use

- This product is rated for one person only. Never connect more than one user to this product.
- This product is for personnel use only and must never be used for materials handling.
- A personal energy absorber must be included in the connecting system.
- Connect only to the designated attachment point on the anchor - do not attach to any other location.
- Using connectors that are not compatible with this product may result in roll-out and accidental disconnection.
- Always refer to the connecting system manufacturer's instructions to verify compatibility with this equipment.
- While working, always account for the necessary fall clearance, potential swing fall, and any hazards in the work area.

G2. Warnings for Installation

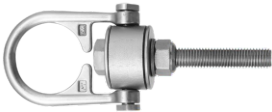
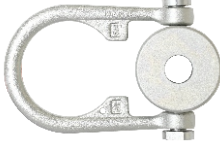
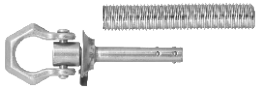
- Misuse, incorrect installation, or failure to maintain this product may lead to severe injury or death.
- The structure used to anchor KStrong products must be assessed by a competent person. If there is any doubt regarding its strength or suitability, it must be referred to a qualified structural engineer for evaluation.
- The anchorage structure's load-bearing capacity and condition must be re-evaluated by a competent person and/or a qualified engineer, in order to recertify the KStrong anchor product into another year of service, in line with its individual lifespan, and any extension to that lifespan, as per section F2 above.
- KStrong products must be installed, operated, and serviced in line with the relevant KStrong installation and use manual.
- KStrong's products must be operated in compliance with the prevailing working at height regulations, codes of practice, standards, or legislation applicable in the country of use.
- Whenever practicable, an anchor product should be installed to a location above the user, in order to minimize free fall.
- Professional guidance, by a competent person, is required where a layout of multiple anchor systems is required, to insure comprehensive coverage and adequate fall clearance.
- Where anchor devices are to be installed in an existing building, the types of structure should be checked to ascertain the nature and thickness of the structural materials, and appropriate fixings should be selected. Ensure that decorative coatings are removed to ensure the correct evaluation of the substrate. The installer needs to follow the manufacturer's instructions in addition to those of the designer of the installed system.
- Where the fixing is in a substrate other than those specified in the manufacturer's instructions for use, the installer needs to refer to the system designer who may also require verification of suitability by carrying out a test in a sample of the material. The sample is required to meet the requirements of the relevant test specified in Clause 5 of the Standard (AS/NZS 5532).
- Throughout installation, operation, and servicing, workers must not be placed at risk of a fall hazard.
- Installation must be performed by, or under the direct supervision of, a competent person.
- Prior to installing this product, the installer must complete all relevant KStrong training.
- Any connection systems used in conjunction with KStrong Anchors, Lifelines, and Rigid Rail Systems must incorporate a personal energy absorber.
- No alterations to this product may be made without prior written authorisation from KStrong.
- After installation and before initial use, every applicable friction or glued-in anchor shall be proof-loaded by a competent person using an axial pull-out force equal to 50% of the anchor's rated capacity. For these 15 kN anchors, that would ordinarily mean 7.5 kN, but the final figure and duration should be confirmed against the applicable installation, certification and AS/NZS 1891.4 requirements.

1. SPECIFICATION

- 1.1 Description:** The KStrong anchors covered in this manual are single point anchors designed for use in concrete or steel structures.
- 1.2 Standard:** AFA930002, AFA930316, AFA930316C and AFA935508(100) conform to AS/NZS 5532:2013 for Fall Arrest. All other Anchor Products are certified to AS/NZS 5532:2013 for Fall Arrest.
- 1.3 User Rating:** All anchors have a rated capacity of 15kN and are designed for a Single User in either Fall Restraint, Fall Arrest or for Abseil.

Some products may show higher MBS and user ratings, relevant to other international standards or for use as System Termination Anchors in Horizontal Lifeline and Vertical Lifeline Systems. However, for use as Single Point Anchors in Australia and New Zealand, they are strictly rated to only 15kN and a Single User.

1.4 Product Range

	AFA930002 Multipurpose Anchor SS 16mm		AFA930001SS Multipurpose Anchor SS 12mm
	AFA930316 Swivel Bearing Anchor with Steel Fixing		AFA930316C Swivel Bearing Anchor
	AFA935508(100) One Piece Concrete Anchor SS M16x100mm		AFA935515 Two Piece Concrete Anchor SS M12x110mm
	AFA930310 Detent Concrete Anchor and SS Ferrule Set		AFA935503 Flat Base Purlin Anchor
	AFA935502 Curved Base Purlin Anchor		AFA935504 Trapezoidal Base Purlin Anchor

2. INSTALLATION

2.1 General

- 2.1.1 **Structure:** Prior to installation, the structure must be evaluated to confirm it has sufficient strength and is in a condition suitable for supporting these products.
- 2.1.2 **Fixings:** All fixings, including studs and bolts, must be stainless steel grade 316 or 304, of the specified diameter for that product, and secured using stainless steel flat washers & lock nuts to guard against loosening.
- 2.1.3 **Torque:** All fixings must be tightened to the torque values specified in **FIGURE 2** below.

FIGURE 2 (Torque Settings)	
Fastener Size	Torque (Nm)
M12	50
M16	70

3.1 Multipurpose Anchors (AFA930002 & AFA930001SS)

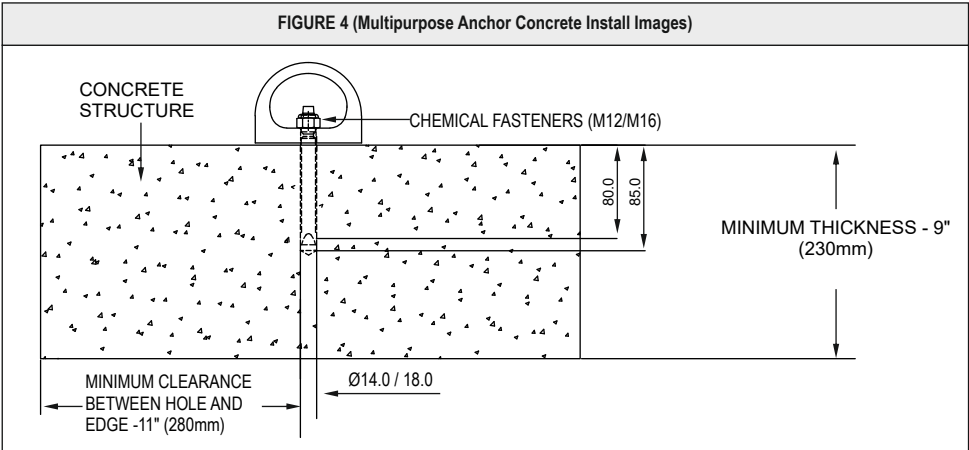
- 3.1.1 **Concrete**
1. Drill a hole as per **FIGURE 3** below. The hole depth must be into structural concrete.

2. Clean the holes of dust and inject the chemical adhesive.

3. Install a 110mm SS stud so the top of the stud shall sit 25mm above the surface of the concrete. Wipe away any adhesive expelled from the hole.

4. Once the chemical has cured, install the anchor, SS washer and SS locknut and tighten as per Section 2.1.
 - At least two threads must protrude beyond the end of the nut.
 - This installation method is compatible with Hilti RE100 & RE500 injectable epoxies. Alternative adhesives or products may call for different hole depths or edge distances. Refer to the relevant manufacturer's instructions for full details.

FIGURE 3 (Multipurpose Anchor Concrete Spec Table)				
			Min 22.1MPa	
SKU	Hole Diameter (mm)	Hole Depth (mm)	Edge Distance (mm)	Slab Thickness (mm)
AFA930002	18	85	280	230
AFA930001SS	14	85	280	230



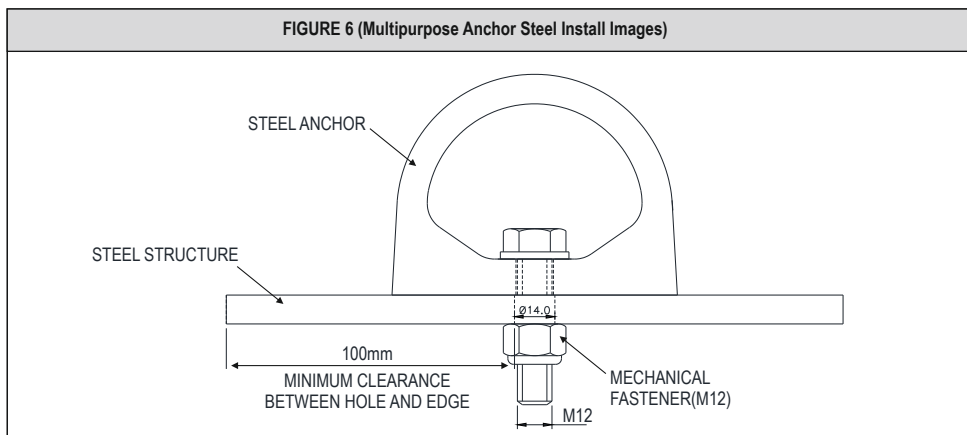
3.1.2 Steel

1. Drill a hole in the steel as per **FIGURE 5** below.
2. Install the anchor, SS bolt, SS washers and SS locknut, and tighten as per Section 2.1.
 - At least two threads must protrude beyond the end of the nut.

FIGURE 5 (Multipurpose Anchor Steel Spec Table)

SKU	Hole Diameter (mm)	Fixing (to desired length)
AFA930002	18	M16 Stainless Steel Bolt, Washers & Lock Nut
AFA930001SS	14	M12 Stainless Steel Bolt, Washers & Lock Nut

FIGURE 6 (Multipurpose Anchor Steel Install Images)



3.2 Swivel Bearing Anchors (AFA930316 & AFA930316C)

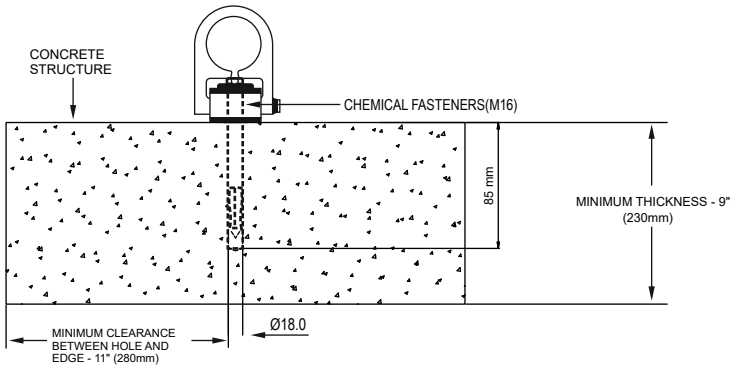
3.2.1 Concrete

1. Drill a hole as per **FIGURE 7** below. The hole depth must be into structural concrete.
2. Clean the holes of dust and inject the chemical adhesive.
3. Install a 130mm SS stud so the top of the stud shall sit 55mm above the surface of the concrete. Wipe away any adhesive expelled from the hole.
4. Once the chemical has cured, install the anchor, SS washer and SS locknut and tighten as per Section 2.1.
 - At least two threads must protrude beyond the end of the Eyenut.
 - This installation method is compatible with Hilti RE100 & RE500 injectable epoxies. Alternative adhesives or products may call for different hole depths or edge distances. Refer to the relevant manufacturer's instructions for full details.

FIGURE 7 (Swivel Bearing Anchor Concrete Spec Table)

			Min 22.1MPa	
SKU	Hole Diameter (mm)	Hole Depth (mm)	Edge Distance (mm)	Slab Thickness (mm)
AFA930316 & AFA930316C	18	85	280	230

FIGURE 8 (Swivel Bearing Anchor Concrete Install Images)



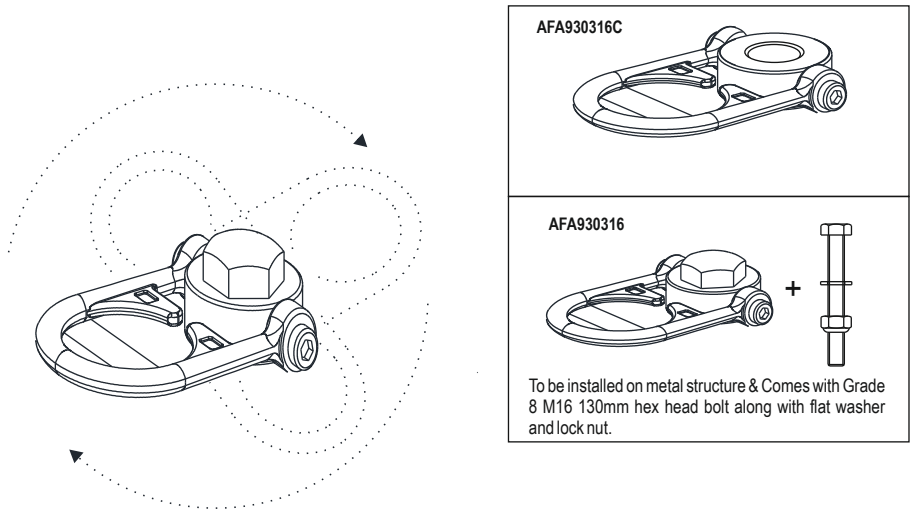
3.2.2 Steel

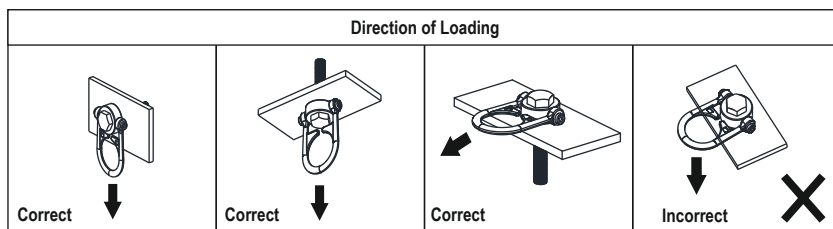
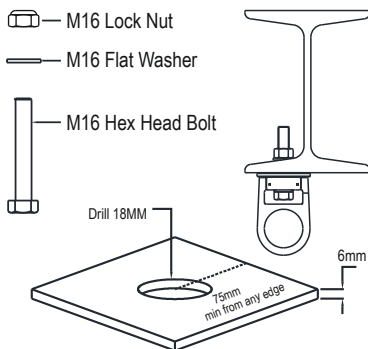
1. Drill a hole in the steel as per **FIGURE 9** below.
 2. Install the anchor, with supplied steel fixing or SS M16 bolt to desired length, SS washer and SS lock nut, and tighten as per Section 2.1.
- At least two threads must protrude beyond the end of the Eyenut.

FIGURE 9 (Swivel Bearing Anchor Steel Spec Table)

SKU	Hole Diameter (mm)
AFA930316 & AFA930316C	18

FIGURE 10 (Swivel Bearing Anchor Steel Install Images)





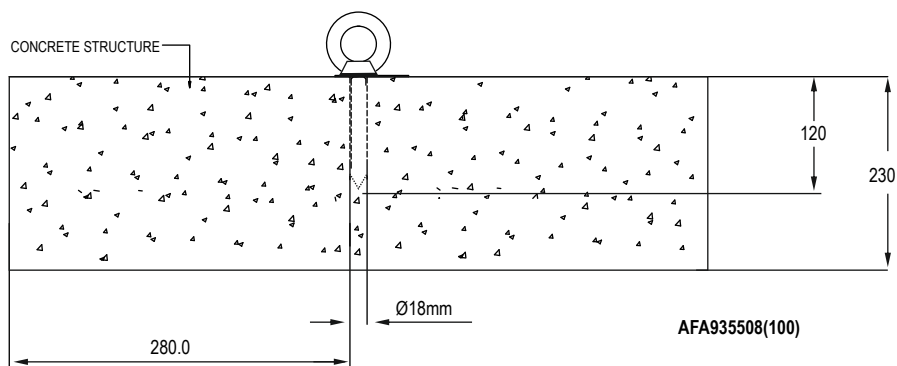
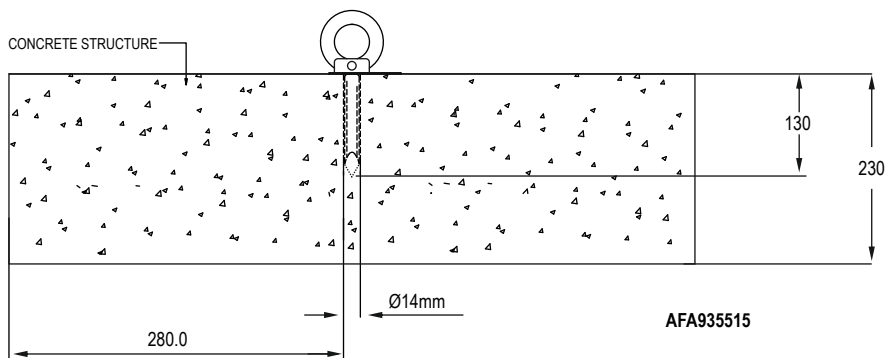
3.3 One Piece & Two Piece Concrete Anchors (AFA935508(100) & AFA935515)

1. Drill a hole as per **FIGURE 11** below. The hole depth must be into structural concrete.
2. Clean the holes of dust and inject the chemical adhesive.
3. Install the anchor to full depth. Wipe away any adhesive expelled from the hole.
 - This product must be mounted flush with the concrete surface; the presence of any topping compounds is not permitted.
 - This installation method is compatible with Hilti RE100 & RE500 injectable epoxies. Alternative adhesives or products may call for different hole depths or edge distances. Refer to the relevant manufacturer's instructions for full details.

FIGURE 11 (One piece and two piece concrete anchor concrete spec table)

			Min 22.1MPa	
SKU	Hole Diameter (mm)	Hole Depth (mm)	Edge Distance (mm)	Slab Thickness (mm)
AFA935508(100)	18	120	280	230
AFA935515	14	130	280	230

FIGURE 12 (One piece & two piece concrete anchor installation)



3.4 Detent Concrete Anchor (AFA930310)

3.4.1 Concrete

1. Drill a hole as per **FIGURE 13** below. The hole depth must be into structural concrete.
2. Clean the holes of dust and inject the chemical adhesive.
3. Install the ferrule (AFA935310S) to full length so that it shall sit no more than 5mm above the surface of the concrete. Wipe away any adhesive expelled from the hole.
4. Once the chemical has cured, you may install the removeable Detent Anchor (AFA930310A) by removing the ferrule dust cap, depressing the anchor detent pin, pushing the anchor into the ferrule part way, releasing the detent pin, then pushing it full length until the detent anchor ball locks can be felt to engage with the locking ring inside the ferrule. The secondary lock must then be engaged to prevent the detent pin being accidentally depressed during anchor use.
 - This installation method is compatible with Hilti RE100 & RE500 injectable epoxies. Alternative adhesives or products may call for different hole depths or edge distances. Refer to the relevant manufacturer's instructions for full details.
 - Always engage the secondary lock before using the anchor.
 - Always replace the ferrule dust cap between uses.

FIGURE 13 (Detent Concrete Anchor Concrete Spec Table)

Min 22.1MPa				
SKU	Hole Diameter (mm)	Hole Depth (mm)	Edge Distance (mm)	Slab Thickness (mm)
AFA930310 (and ferrule only AFA935310S)	22	120mm	280	230

FIGURE 14 (Detent Concrete Anchor Ferrule Install Images)

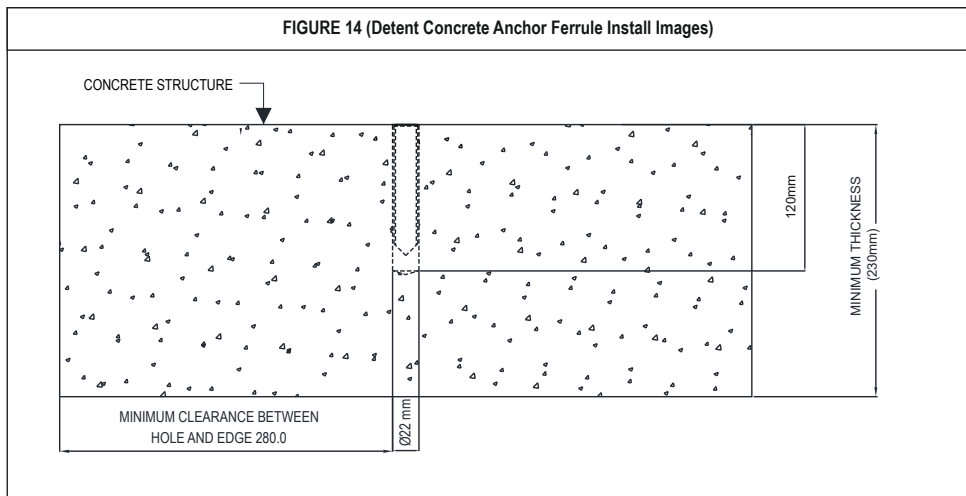
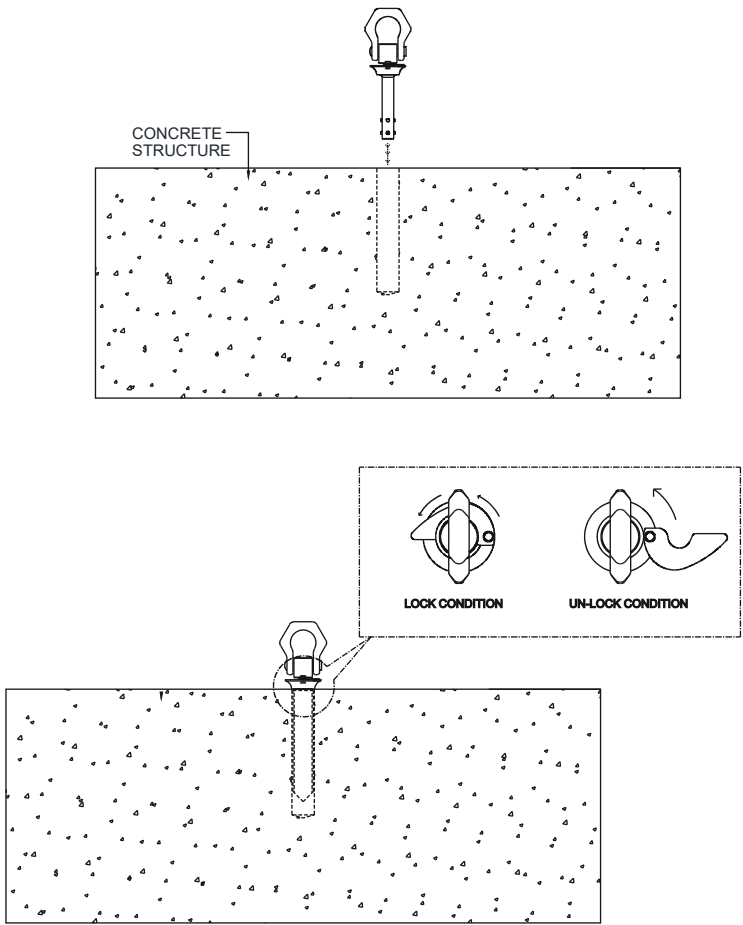


FIGURE 15 (Detent Concrete Anchor Use Images)



3.5 Purlin Anchors (AFA935502, AFA935503 & AFA935504)

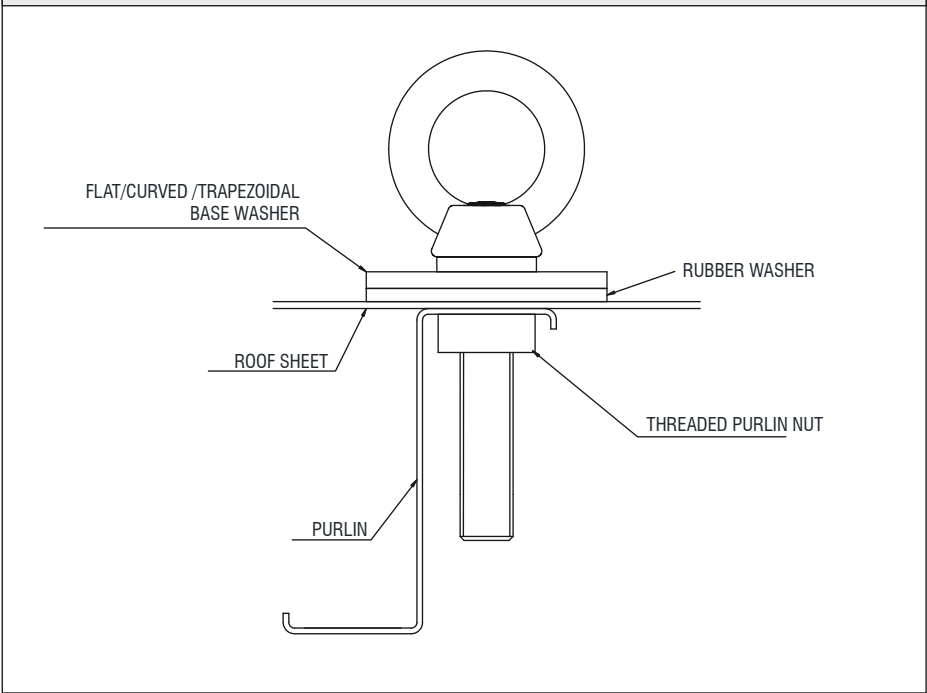
Ensure roof and substrate anchorage meet minimum requirements as per **FIGURE 16** below.

- 1. Locate the purlin centre and drill a 30mm hole. Remove any swarf to eliminate future rust.
- 2. Attach supplied cable tie to purlin block.
- 3. Hold onto the cable tie and slide the purlin block through the 30mm hole.
- 4. Once the block is through the hole, reorientate it to a horizontal position by pulling up on the cable tie.
- 5. Apply silicone generously to the underside of rubber washer. Coat Eyebolt thread with thread lock chemical.
- 6. Place the anchor's threaded rod into the purlin block with 2 complete turns before cutting off the cable tie.
- 7. Tighten the anchor's threaded rod until it firmly aligns with the roof pitch, and wipe away any excess silicone. Threads need to have a minimum of eight full turns into the purlin block.

FIGURE 16 (Purlin Anchor Spec Table)

SKU	Type of Purlin	Minimum Purlin Thickness	Maximum Purlin Spacing	Types of Roof Fix	Minimum Roof Sheet Thickness
AFA935502	Z purlin	2 mm	1500 mm	Screw Fix	0.6 mm
AFA935503	Z purlin	2 mm	1500 mm	Screw Fix	0.6 mm
AFA935504	Z purlin	2 mm	1500 mm	Screw Fix	0.6 mm

FIGURE 17 (Purlin Anchor Install Image)



3. WARRANTY

All KStrong products are manufactured under strict quality control and tested in accordance with relevant international standards to ensure reliability, durability, and user safety.

KStrong warrants that its products are free from manufacturing defects in material and workmanship for a period of two (2) years from the date of purchase, unless otherwise specified. This warranty applies under normal conditions of use, storage, and maintenance as described in the User Instruction Manual (UIM).

Warranty Conditions - This warranty is valid only when:

- The product has been used strictly in accordance with manufacturer guidelines and safety instructions.
- The product has been installed, maintained, and inspected by trained and competent personnel.
- The product has not been altered, modified, or repaired by any unauthorized party.
- The product has not been exposed to misuse, negligence, or abnormal conditions (e.g. chemical contamination, fire, impact, or excessive loading).
- The product is registered with KStrong at the time of purchase or installation, where applicable.

Exclusions - This warranty does not cover:

- Normal wear and tear resulting from regular use.
- Damage due to improper installation, storage, or maintenance.
- Products that have been subjected to a fall arrest or load event.
- Unauthorized modifications or repairs.
- Damage, corrosion, deterioration or system failure caused or contributed to by a failure to complete and document the inspection, cleaning and maintenance required by the site-specific risk assessment. The assessment must set an interval of one to three months based on environmental exposure, with earlier cleaning where significant contamination is found.
- Consequential or incidental damages arising from product failure.

Warranty Claims - To make a warranty claim:

- The client must notify KStrong or the authorized distributor in writing, providing full details of the issue, including proof of purchase, serial number, and system identification.
- The product must be returned to KStrong or its designated service centre for inspection and evaluation.
- If the defect is confirmed to be due to faulty materials or workmanship, KStrong will, at its discretion, repair or replace the product free of charge.

KStrong reserves the right to determine the validity of all warranty claims, and its decision shall be considered final and binding.

Warranty Disclaimer

This warranty is in addition to, and does not affect, the consumer's statutory rights under applicable local laws.

KStrong liability under this warranty is limited strictly to the repair or replacement of the defective product and does not extend to any indirect, incidental, or consequential damages.

4. INSPECTION & CLEANING REQUIREMENTS

The end user must keep all fall protection equipment clean, serviceable and stored in accordance with the product's User Instruction Manual (UIM). This includes anchors, harnesses, lanyards, connectors, self-retracting lifelines, winches and installed systems.

Inspect equipment before each use, and annually by a competent person. Check for cuts, abrasion, burns, damaged stitching or wire strands, corrosion, deformation, loose fixings and correct operation.

Clean major dirt and deposits when found, using the method specified in the product's UIM. Clean accessible metal components with a soft cloth or soft nylon brush, clean water and mild soap/detergent. Rinse and dry them thoroughly. Clean textile components only as directed in their product UIM and allow them to dry naturally before storage. Do not immerse self-retracting devices or other enclosed mechanisms unless their UIM expressly permits it. Do not use abrasive tools, bleach, strong acids, alkaline cleaners or high-pressure washing. Do not dismantle equipment, loosen system fixings or release lifeline tension during cleaning.

Record scheduled inspections and cleaning, including the date, product or system identification, work completed, defects found and the person completing the work. Keep the records with the product or system history.

Remove any equipment that has arrested a fall, fails inspection or may have been weakened by contamination from service immediately. Follow its UIM for assessment and disposal. Cleaning does not replace required competent person inspections.

Furthermore where this product is used within environments where acid condensation, acidic vapours, chemical emissions, corrosive substances or elevated temperatures may be present, a documented site specific risk assessment must determine the inspection and cleaning frequency. Based on the assessed level of exposure, inspections and cleaning must be carried out at intervals of one to three months, and sooner if significant contamination is found. Each inspection and cleaning must be documented. Review the risk assessment and frequency if site conditions change.

5. LIFESPAN (GENERAL)

Products containing any textile component have a strict 10 year lifespan from date of manufacture. All-metal products, without any textile components, have a 10 year lifespan from date of purchase/commissioning/installation, which may be extended, year to year, conditional to annual competent person inspection. 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.

6. DISCLAIMER (GENERAL)

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 its proper use. Users are required to complete and record the pre-use inspection as outlined in this UIM. Failure to follow these inspection and usage requirements significantly increases the user's liability exposure, as improper or undocumented use may not be supported during an incident investigation and could affect warranty or service outcomes. The manufacturer is not liable or responsible for any loss, damage, or injury caused or incurred by any person due to improper usage or installation of this product.

COMPASS

KStrong COMPASS Inspection Software is a web-based system used to record, manage, and track inspection and compliance data for fall protection systems and PPE.

It stores equipment details and inspection records for a minimum of 20 years, provides automated inspection due notifications, and allows authorised users to view real-time equipment status and compliance documentation through a secure interface.



- Cloud based online as well as offline software
- Captures geo coordinates where the system is installed
- RFID / Bar code compliant
- Generates report in real time
- Reminds user of items due for inspection
- Captures images of components
- User customizable
- Can be integrated to client software
- Reports can be shared with multiple recipients in real time

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*Updates to the UIM are part of our regular revision cycle to keep the manual current and aligned with evolving best practices. While the UIM has always been compliant with the equipment's intended design and safety requirements, periodic updates are important to ensure continued clarity, accuracy, and optimal user guidance.

Certification Body :
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