



# TECHNICAL FILE

ANCHORING :  
PEXAFX



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## Anchoring point

**PEXAFX**

### PRESENTATION

The Delta Plus Systems range of anchor points is ideal for securing a localised area.

It has been designed to accommodate all types of connectors up to 60mm wide.

### CONFORMITY & MARKING

Product marking in accordance with standard EN 365  
PEXAFX complies with the :

- ▶ Standard EN 795: March 2016 (Class A)
- ▶ CEN/TS 16415:2013



Type tests carried out by:

- ALPES CONTROLES office

367 Av du Grand Arietaz - 73000 Chambéry

### REMINDER OF STANDARDS

Only when it is technically impossible to provide collective protection can individual protection against falls from height be considered (French Labour Code R4323-61).

Personal protective equipment can also be used as a complement to collective protection. The use of this type of protection imposes organisational constraints, in particular:

- defining, installing and choosing the type of equipment (lifeline, anchorage point, etc.),
- work with at least two people,
- definition of an emergency response plan,
- installation and use instructions,
- staff information and training,
- periodic inspections,
- weather conditions.

**As a reminder, extract from recommendation R430 - INRS/CNAMTS :**

For buildings to be constructed of any kind, technical provisions to facilitate the prevention of falls from height during subsequent work on the building must be provided for at the design stage.

The ground of technical impossibility cannot therefore be accepted, as it is now up to the project owner to modify his project so that no situation remains that cannot be properly resolved, at least, by the implementation of collective protection.





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SIREN 351 812 698 - RCS Annecy  
Siret en cours d'attribution

## ATTESTATION DE CONFORMITE : PEX.AFX

### 1 DEMANDEUR

Demandeur : Monsieur A. DALLA LIBERA

Raison sociale : VERTIC - 691, Chemin des fontaines - CIDEX 8F - 38190 BERNIN - France

### 2 MATERIEL CONSIDERE

Marque : VERTIC

Désignation commerciale : ANNEAU D'ANCRAGE

Référence : PEX.AFX

### 3 REFERENTIEL

NF EN 795 : Mars 2016 (A)

TS 16415 : 2013 (A)

### 4 CONDITION D'UTILISATION

- Ces dispositifs ne sont pas considérés comme équipement de protection individuelle contre les chutes de hauteur.
- Ils sont destinés à être utilisés avec des équipements de protection individuelle contre les chutes de hauteur pour 2 utilisateurs maximum simultanément.
- Fixation possible sur des surfaces horizontales, verticales et inclinées avec joints d'étanchéité.

### 5 DESCRIPTION

Voir le rapport de certification n°740X168F édité en date du 15/11/2016

### 6 CONCLUSION

Conformité du dispositif de référence PEX.AFX aux exigences des tests statiques et dynamiques des normes de référence (§ 3).

Le vérificateur,

Bureau Alpes Contrôles - Siège social - PAE Les Glaisins - 3 bis, Impasse des Prairies - 74940 ANNECY-LE-VIEUX - ☎ 04 50 64 06 75 - 📠 04 50 64 23 80  
contact@alpes-contrôles.fr - www.alpes-contrôles.fr - SIREN 351 812 698 - RCS Annecy - APE 7120B - Id. TVA FR 21 351 812 698 - SAS au capital de 500 000 €  
Agences - AQUITAINE : Bordeaux (33) - AUVERGNE : Courmoulin d'Auvergne (63) - BOURGOGNE-FRANCHE-COMTÉ : Dijon (21), Besançon (25), Belfort (90)  
ILE-DE-FRANCE : Colombes (92) - Rungis (94) - LANGUEDOC-ROUSSILLON : Nîmes (30), Montpellier (34) - MIDI-PYRÉNÉES : Toulouse (31), Saint-Germain-de-Mareuil (40)  
Montauban (82) - P.A.C.A. : Valbonne - Sophia Antipolis (06), La Penne-sur-Huveaune (13), Six-Fours-les-Plages (83), Orange (84)  
PAYS-DE-LA-LOIRE : Couëron (44) - POITOU-CHARENTES : Île d'Espagnac (16), St Médard d'Aunis (17) - RHÔNE-ALPES : Bourg-en-Bresse (01), Valence (26),  
Moirans (36), Villars (42), Villeurbanne (69), Chambéry (73), Gilly-sur-Isère (73), Annecy-le-Vieux (74), Aizy (74), Morgencel (74)



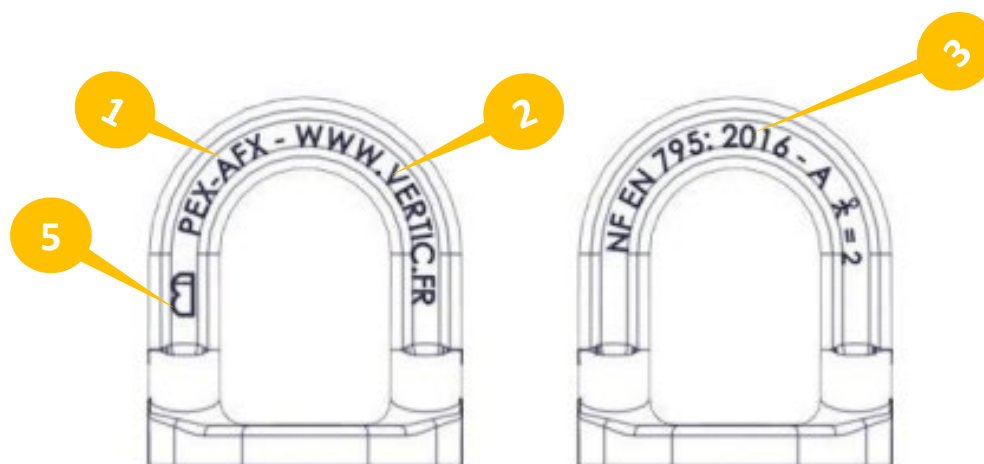
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## Anchoring point

**PEXAFX**

Product marking in compliance with EN 365

- 1 Product name / Reference
- 2 Manufacturer's name
- 3 Reference to the standard
- 4 Batch number
- 5 Pictogram inviting you to read the instructions





## Anchoring point

### PEXAFX

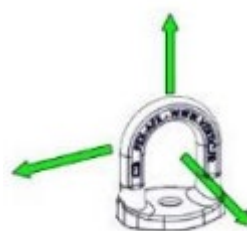
#### Information

These instructions are intended for users and installers of the WVPEXAFX anchor. It must be read and understood by each person before using and/or installing the product. If you have any doubts, problems of understanding, or if a problem arises which is not covered in this document, contact your Delta Plus Systems representative or the Delta Plus Systems technical department directly. This manual must always be available and accessible to the user. Any activity at height is dangerous and may cause accidents, serious injury or death. You are responsible for practising and learning the techniques for using the appropriate equipment. Before using the product, you must therefore read and understand all the information contained in the instruction manual. Failure to heed any of these warnings could result in serious injury or death. For safety reasons, the user must be in good health and not under the influence of medication, alcohol or drugs. This equipment must only be used by people who are trained and competent to use it safely. Use of the WVPEXAFX anchor is strictly forbidden if the product is incorrectly installed or damaged. No modification or addition to the equipment may be made without the prior written consent of VERTIC, and any repairs must be carried out in accordance with Delta Plus Systems operating procedures. The WVPEXAFX anchorage must not be used beyond its limits, or in any other unforeseen situation. Prior to any use of the anchor, a rescue plan must be in place to deal with any emergencies that may arise during work.

Before and during use, it is of course important to ensure that any rescue is carried out safely and effectively.

#### Instructions for use

The PEX.AFX anchor point is designed to be installed on a structure using a structural anchor or a fixing element with a diameter >12mm. Its strength must be greater than 14kN in each tensile or shear direction. The PEX.AFX anchorage point is suitable for use by two people simultaneously with the following authorised connections: - Mobile fall arrester on flexible belaying support EN353-2 - Automatic fall arrester EN360 - Energy absorber EN355 The user must be equipped with a means of limiting the maximum dynamic forces exerted on him when stopping a fall to a maximum value of 6kN The authorised connections will be linked to the person by means of a fall arrest harness conforming to Standard EN 361. The fall arrest harness is the only body-gripping device permitted to be used in a fall arrest system.



Authorised solicitation  
directions

#### Important - Prevention before use

Visually check that the anchor point is in good condition:

- No permanent deformation of the anchoring ring
- No signs of corrosion likely to affect the product's functionality.



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## Anchoring point

### PEXAFX

- Fixing in good condition. Check that the mounting plate is properly tightened.

The anchor point is marked with the date of the next or last inspection.

At height, your life depends on the equipment used. Any doubts about the safety of the device should be reported to the manufacturer and to the person responsible for the installation.

After an impact on the anchorage point, do not use the product again until it has been checked and brought back into compliance by a competent person authorised by the manufacturer.

Make sure that the PPE you use with the anchorage ring is not damaged so as not to affect its safety function.

### Service life - Disposal

For Delta Plus Systems products, plastics and textiles, the maximum service life is 10 years from the date of manufacture, with the exception of the WVABS55 reference, as long as an annual inspection is carried out. There is no limit for metal products.

CAUTION, an exceptional event may lead you to reject a product after a single use (type and intensity of use, environment of use: aggressive environments, marine environment, sharp edges, extreme temperatures, chemicals, etc.).

A product must be scrapped when :

- ▶ It is over 10 years old and made of plastic or textile.
- ▶ The result of the product checks is not satisfactory.
- ▶ You have doubts about its reliability.
- ▶ You don't know its full history of use.

- ▶ Its use is obsolete (changes in legislation, standards, technology or incompatibility with other equipment, etc.).

**Destroy these products to prevent future use.**

### Maintenance and servicing

Any modification or addition to the equipment without the prior written consent of the manufacturer is prohibited.

Any repairs to system components must be carried out in accordance with Delta Plus Systems procedures. If in doubt about the condition of the product, replace it with an original Delta Plus Systems part.

A soiled product must be washed and rinsed with clean water, then dried. It must not be brought into contact with corrosive or aggressive materials, or stored at extreme temperatures. All chemical products and solvents can alter the resistance of the system components. If the product is likely to come into contact with these products, please let us know the exact name of the chemical components and we will reply after an appropriate study. It is known that equipment in use degrades progressively and it is therefore difficult to give a precise lifespan to the product without knowing the intensity and frequency of use. Similarly, an exceptional situation may limit the lifespan to a single use. Certain environments accelerate product ageing (salt, sand, snow, chemical environment, etc.) (non-exhaustive list).

Delta Plus Systems warrants this product against defects in materials and workmanship. The following are excluded from the warranty: normal wear and tear, oxidation, modifications or repairs, improper storage, improper maintenance, damage due to accidents, negligence or use for which this product is not intended.



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## Anchoring point

### PEXAFX

It is recommended that the condition of the anchorage be checked at least once a year by an authorised and competent person in strict compliance with Delta Plus Systems operating procedures. These periodic and regular checks are necessary because the safety of the user is linked to maintaining the efficiency and strength of the equipment. It is important to check that the equipment is in good general condition, that the fasteners are in good condition, that the tightening torque is correct and that the markings are clearly legible.

The inspection and the results must be recorded in writing in a maintenance log using the identification and inspection sheet supplied by Delta Plus Systems. Our Delta Plus Training centre can train you in all these maintenance, overhaul and repair operations for Delta Plus Systems products and also carries out all these maintenance operations.

Delta Plus Systems can also help you check, inspect and maintain your permanent fall arrest and PPE safety systems. You can also ensure that your teams are fully conversant with the use of these fall arrest solutions and the basic concepts they need to know to work safely at height, by offering them comprehensive, customised training courses run by our training centre.

### Installation

For safety reasons, it is essential that the anchorage point is always correctly positioned and that the work is carried out in such a way as to minimise the risk of falls and the height of fall. It is also important to check the clearance required under the user in the workplace, so that in the event of a fall, there is no collision with the ground and no other obstacle in the path of the fall. The anchorage must therefore be installed with all these safety parameters in mind. The product must be installed by installers approved or trained by Delta Plus Systems. Installers must ensure that the support materials in which the structural anchoring devices are fixed are suitable.

Delta Plus Systems cannot be held responsible for incorrect installation of the anchoring point.

A schematic plan should be affixed to the building so that it is visible to all.

Where several anchor points are to be photographed for identification purposes, it is recommended that the anchor devices are marked with numbers and that this numbering is incorporated into the anchor device inspection records and the ground plan of the installation area.



Delta Plus Training - 691, Chemin des Fontaines -  
Cidex 8F - 38190 BERNIN - France



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## Anchoring point

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### GENERAL NOMENCLATURE

**1**



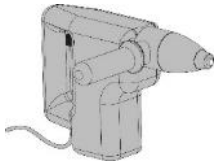
Anchoring point  
WVPEXAFX

**2**

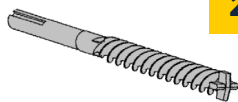


Fixing kit x1  
M12

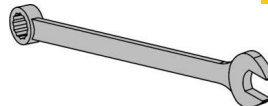
### TOOLS & PERSONNEL REQUIRED



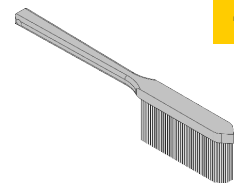
**1**



**2**



**3**



**4**

**19**

**5**

x 1





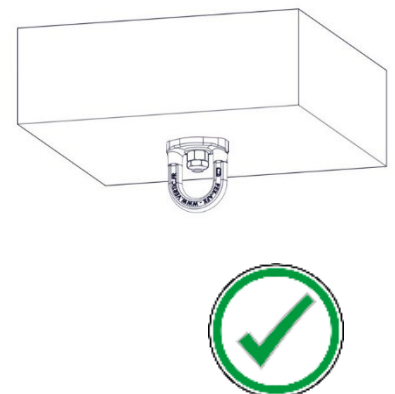
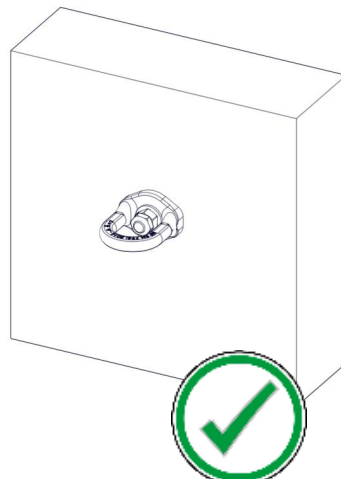
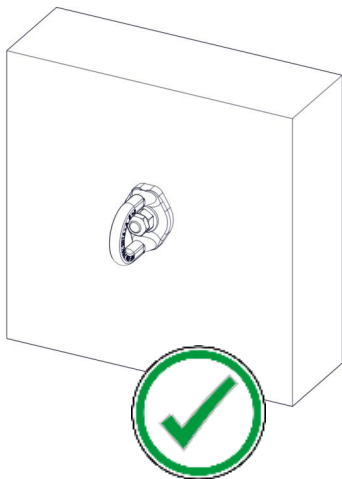
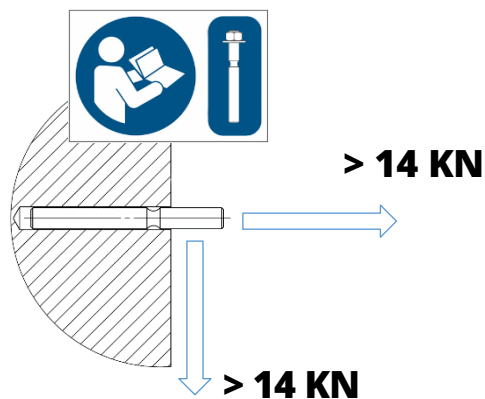


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### PRE-REQUISITES





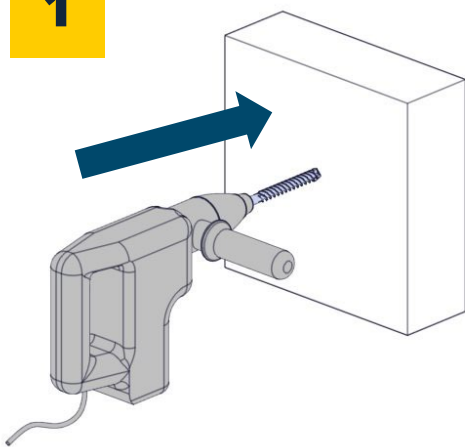
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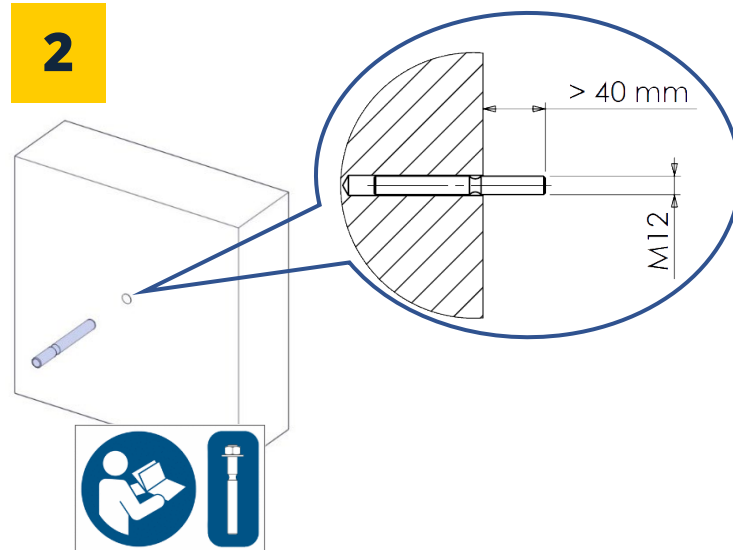
**PEXAFX**

**ON STRUCTURE**

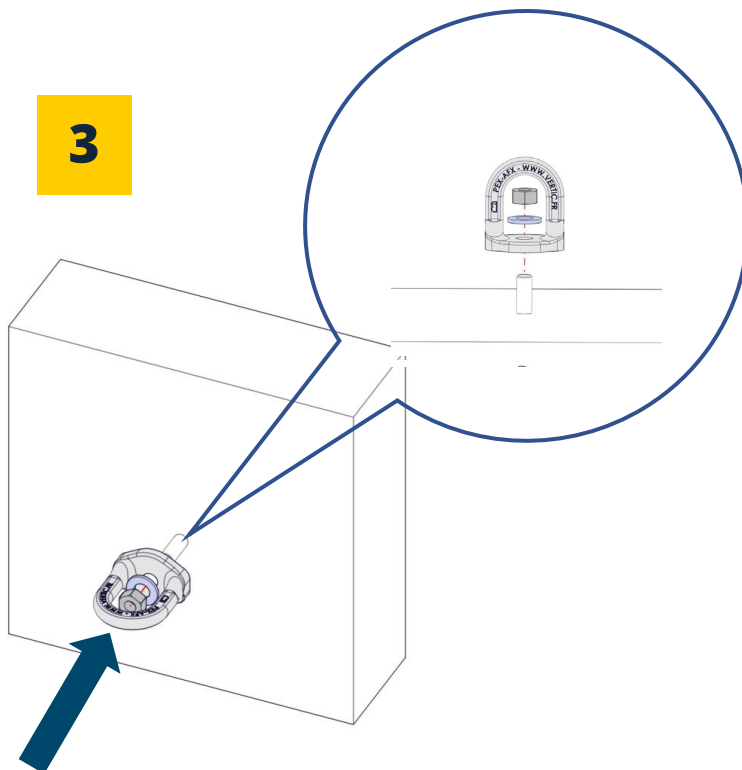
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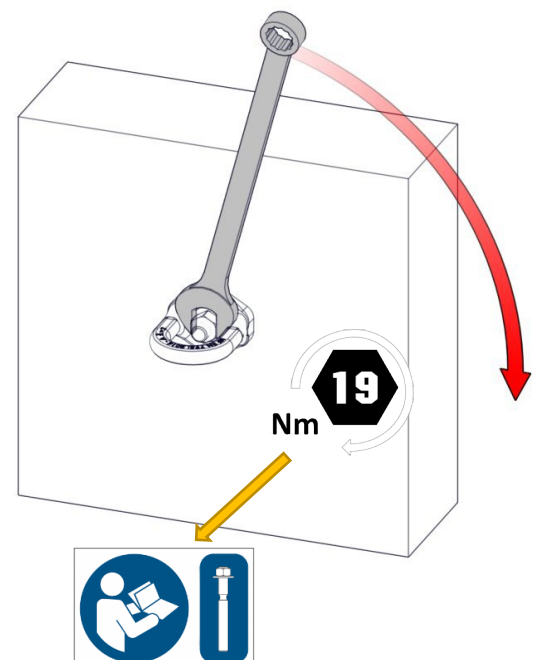
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**3**



**4**





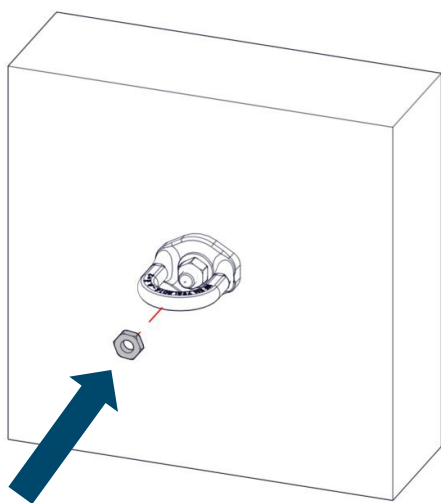
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## Anchoring point

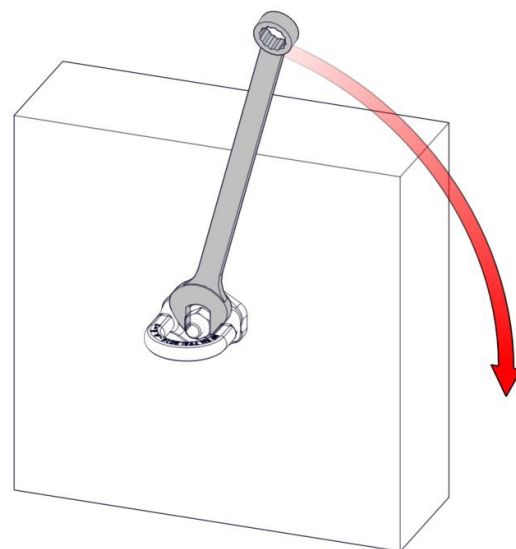
**PEXAFX**

**ON STRUCTURE**

**5**



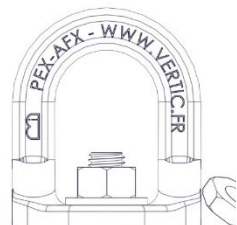
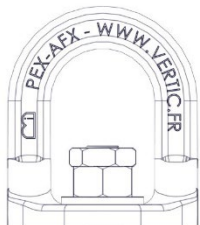
**6**



**7**



**2 MIN**





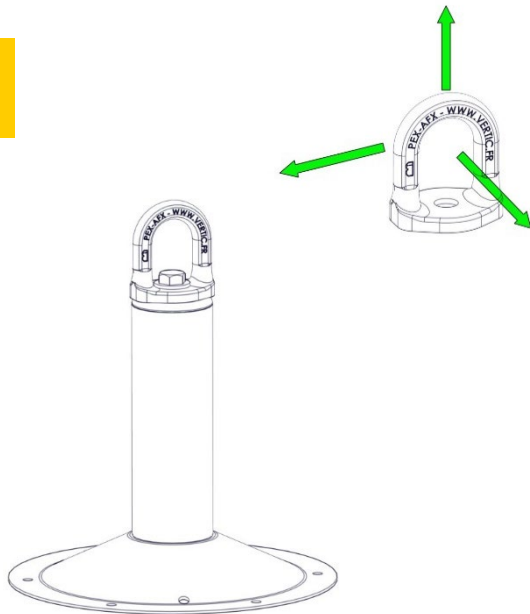
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## Anchoring point

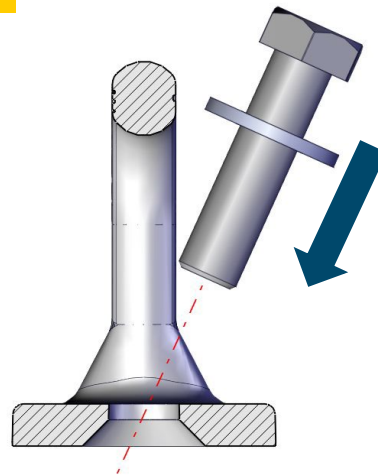
**PEXAFX**

**ON POLELET**

**1**



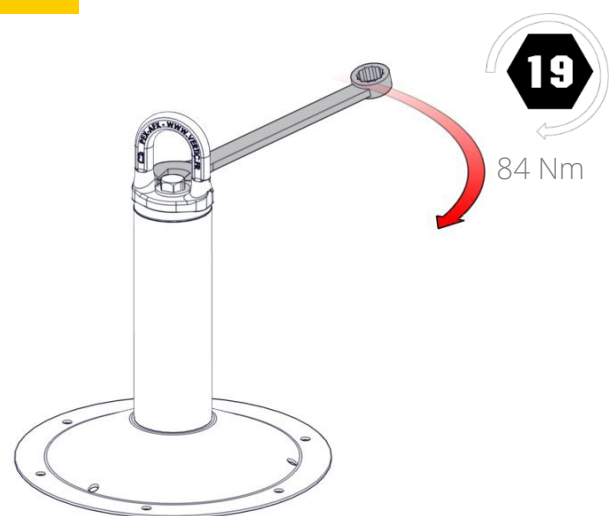
**2**



**3**



**4**





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## Anchoring point

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### ANCHORING POINT PEXAFX



Product identification	
Manufacturer / Supplier :	Delta Plus Systems
Product name / Reference :	Anchor point - WVPEXAFX
Normative references :	Standard EN 795 : 2012 Standard CEN/TS 16415: 2013

User identification			
Name :		Company :	
History check			
Year of manufacture :		Date of first use :	
		Date of purchase	

The controller declines all responsibility in the event of inaccuracy in the information concerning the historical verification which must be carried out by the user. The user is obliged to keep the entire history of the periodic examinations and repairs carried out.

### Service life / Disposal

For Delta Plus Systems products, plastics and textiles, the maximum service life is 10 years from the date of manufacture. There is no limit for metal products. CAUTION, an exceptional event may lead you to reject a product after a single use (type and intensity of use, environment of use: aggressive environments, marine environment, sharp edges, extreme temperatures, chemicals, etc.).

A product must be scrapped when :

- It is over 10 years old and made of plastic or textile, except for the seals, which need to be inspected regularly.
- He has suffered a serious fall (or strain).
- The results of the product checks are not satisfactory. You have doubts about its reliability.
- You don't know its full history of use.
- When its use is obsolete (changes in legislation, standards, technology or incompatibility with other equipment, etc.).

**Destroy these products to prevent future use.**







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## Anchoring point

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Comments



Good



To watch out for



Repaired



To be discarded

Visual check of components					
General condition of the WVPExAFX ring (cracks, marks, deformations, wear, corrosion, etc.)					
Condition of WVPExAFX ring fixing (tightness, corrosion, etc.)					
Presence of markings with normative information					

Functional verification of components					
Free movement of different carabiners inside the ring					
Correct location of the anchoring point in relation to the area to be secured					

Comments :

### Inspection verdict

<input type="checkbox"/>	The product is <b>fit</b> to remain in service	<input type="checkbox"/>	The product is <b>unfit</b> to remain in service
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### Identification and visa of the controller

Name :		Company	
Date of inspection :		Controller's stamp (Signature / Stamp) :	
Date of next inspection :			