

*anchors
catalog*

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BCN **PREMIERS**

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designed and manufactured in
St. Quirze de Besora (Barcelona)

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Z

Acero cincado Ecotri

Sustituyendo al acero bichromatado.

Perfecto para equipar en instalaciones indoor, como gimnasios, rocódromos, etc. Es la primera línea en la gama de plaquetas. Su proceso de fabricación se caracteriza por la baja emisión de residuos, gracias al tratamiento Ecotri, a la vez de aumentar su resistencia a la corrosión.

Sobre una capa de 8 micras de cincado, se aplica el tratamiento Ecotri (libre de cromo-6) y se finaliza con un sellado orgánico. Con estos tres tratamientos se logra una alta resistencia a la corrosión (96h corrosión blanca +360h corrosión roja) y se incorpora una resistencia al choque térmico (200°C).

Fixe no recomienda su uso en entornos al aire libre (outdoor) ni en entornos altamente corrosivos.

Inox 316L

Acero inoxidable 316L

Sustituyendo al PLX (acero duplex).

En diciembre de 2018 el Comité Europeo de Normalización (CEN) publicó la revisión de la norma EN959, donde sitúa el acero inoxidable en el segundo eslabón de su tabla de materiales.

En el acero Inoxidable 316L encontramos un material ampliamente probado, más fácil de trabajar a nivel de procesos / maquinaria y sobre todo muy extendido en multitud de componentes de mercado. Siendo conscientes de que a veces, y pese a no ser la mejor práctica, se mezclan nuestros materiales, preferimos ofrecer un material conocido y compatible para evitar corrosión galvánica.

Fixe no recomienda su uso en entornos altamente corrosivos.

Ti Titanium

Titanio

Para dar un salto definitivo en la prevención del SCC (Stress Corrosion Cracking) se incorpora la línea de tensor en titanio como única recomendada para entornos altamente corrosivos, como, por ejemplo, los entornos marinos.

Un titanio de grado 2, sin puntos de soldadura, tensor en forma de U y una gran ligereza lo convierten en el sistema de anclaje más seguro en todos los sentidos.

Ecotri zinc plated steel

Replacing bichromate steel.

Perfect for equipping indoor sport facilities, such as gyms, climbing walls and so on. It is the first line on the hanger range. Its manufacturing process is characterized by the low emission of residues, due to the Ecotri treatment and at the same time while increasing its resistance to corrosion.

On a coat of 8 microns of zinc coating, the Ecotri treatment (free of chromium-6) is applied and finished with an organic seal. With these three treatments a higher resistance to corrosion is achieved (96h white corrosion + 360h red corrosion) and the resistance to thermal shock (200°C) is also incorporated.

Fixe does not recommend its use in outdoor or highly corrosive environments.

316L stainless steel

Replacing PLX (duplex steel).

In December 2018, the European Committee for Standardization (CEN) published the review of the EN959 standard, where it places stainless steel in the second link of its table of materials.

In 316L stainless steel we find a widely proven material, easier to work with at process and machinery level and, above all, widely used in a multitude of market components. We remain cognizant that sometimes, and despite not being the best practice, our materials are mixed, and that's why that we prefer to offer a known and compatible material to avoid for example galvanic corrosion.

Fixe does not recommend its use in highly corrosive environments.

Titanium

To make a definitive move regarding the prevention of SCC (Stress Corrosion Cracking), the titanium hanger line is also incorporated as the only one recommended for highly corrosive environments, such as, for example, marine environments.

A grade 2 titanium, no welding points, an U-shaped Glue in bolt, and its great lightness makes it the safest anchoring system in every sense.

Acier zingúé Ecotri

Remplacement de l'acier bichromaté.

C'est plus que parfait pour équiper les installations intérieures, telles que les salles de sport, les murs d'escalade, etc. C'est la première ligne de la gamme de plaquettes. Le processus de fabrication se caractérise notamment par la faible émission de résidus, grâce au traitement Ecotri, tout en augmentant sa résistance à la corrosion.

Sur un revêtement de 8 microns du zingage, le traitement Ecotri (sans chrome-6) est appliqué et se termine par un scellement organique. Ces trois traitements permettent d'obtenir une résistance élevée à la corrosion (96h de corrosion blanche + 360h de corrosion rouge) et une résistance aux chocs thermiques (200°C) est également incorporée.

Fixe ne recommande pas son utilisation dans des environnements extérieurs (outdoor) ou dans des environnements hautement corrosifs.

Acier inoxydable 316L

Remplacement du PLX (acier duplex).

En décembre 2018, le Comité Européen de Normalisation (CEN) a publié la révision de la norme EN959, où l'acier inoxydable est placé dans le deuxième maillon du table des matériaux.

Dans l'acier inoxydable 316L, nous trouvons un matériau largement éprouvé, plus facile à travailler au niveau du processus / de la machinerie et, surtout, largement utilisé dans une multitude d'éléments du marché. Étant conscients que parfois, et bien que n'étant pas la meilleure pratique, nos matériaux sont mélangés, nous préférons proposer un matériau connu et compatible pour éviter d'abord la corrosion galvanique.

Fixe ne recommande pas son utilisation dans des environnements hautement corrosifs.

Titane

Pour réaliser un saut qualitatif dans la prévention du SCC (Stress Corrosion Cracking), la ligne de broches en titane est incorporée comme la seule recommandée pour les environnements hautement corrosifs, tels que, par exemple, les environnements marins.

Un titane grade 2, aucun point de soudure, une broche en forme de U et une grande légèreté en font le système d'amarrage le plus sûr en tous les sens.

Eco-tri verzinkter Stahl

Bichromat Stahl wurde ersetzt.

Perfekt für die Ausstattung von Inneneinrichtungen wie beispielsweise Fitnessstudios, Kletterwänden usw. Dies steht an erster Stelle bei der Bohrhakenlasche-Produktlinie. Der gesamte Herstellungsprozess zeichnet sich durch die geringe Entwicklung von Rückständen dank der Eco-Tri-Behandlung aus und erhöht gleichzeitig auch die Korrosionsbeständigkeit.

Auf eine Schicht aus 8 Mikron-Zinkbeschichtung wird die Eco-Tri-Behandlung (frei von Chrom-6) aufgetragen und mit einer organischen Versiegelung versehen. Mit diesen drei Behandlungen wird eine hohe Korrosionsbeständigkeit erreicht (96 h weiße Korrosion + 360 h rote Korrosion) und eine Beständigkeit gegen thermischen Schock (200°C) schließlich eingebaut.

Fixe empfiehlt deren Verwendung in Außenumgebungen d. h. im Freien oder in stark korrosiven Umgebungen nicht.

Edelstahl 316L

PLX (Duplexstahl) wurde ersetzt

Im Dezember 2018 veröffentlichte das Europäische Komitee für Normung (CEN) die Nachprüfung der Norm EN959, in der Edelstahl im zweiten Glied der Materialtabelle aufgestellt wird.

Bei Edelstahl 316L finden wir ein weitaus nachgeprüftes Material, welches auf Prozess- / Maschinenebene leichter zu verarbeiten ist und vor allem auch in einer Vielzahl von Marktanteilen weit verbreitet ist. Da wir uns stets bewusst sind, dass unsere Materialien manchmal miteinander vermischt werden und obwohl dies nicht die beste Vorgehensweise ist, bevorzugen wir, ein bekanntes und kompatibles Material anzubieten, um somit galvanische Korrosion zu vermeiden.

Fixe empfiehlt dessen Verwendung bei stark korrosiven Umgebungen nicht.

Titan

Um den ultimativen Sprung bei der Vorbeugung von SCC (Stress Corrosion Cracking) zu machen, ist dieser Titan-Klebhaken der einzige, welcher für stark korrosive Umgebungen wie beispielsweise Meersumgebungen empfohlen wird.

Titan-Grad 2, ohne Schweißpunkte, mit einem U-förmigen Klebhaken und mit einer überaus großen Leichtigkeit, all diese weit fortgeschrittenen Eigenschaften machen ihn zu dem sichersten und zuverlässigsten Verankerungssystem überhaupt.

Geometría de la plaqueta Fixe 1:

- Borde interno redondeado para un menor desgaste de los mosquetones.
- Direcciona el mosquetón para un óptimo trabajo en techos.
- Conical washer. Más control en el par de apriete.
- Pins antirotación.
- Superficie optimizada para lograr un contacto pleno.

Características:

- Para tornillos M10 / M12.
- Peso: 57g (M10) / 56 (M12).
- Resistencia límite: 25 kN.
- Material: **acero cincado ecotri / inoxidable 316L.**

Hanger Fixe 1-Geometry:

- Rounded inner edge for less wear on the carabiners.
- Directs the carabiner for an optimal roof work.
- Conical Washer. Better control of the tightening torque.
- Three anti-rotation pins.
- Optimized surface for full contact.

Features:

- For bolts M10 / M12.
- Weight: 57g (M10) / 56 (M12).
- Breaking strength: 25 kN.
- Material: **ecotri zinc plated / 316L stainless**

Géométrie plaquette Fixe 1:

- Bord intérieur arrondi pour moins d'usure sur les mousquetons.
- Dirige le mousqueton pour un travail optimal sur les dévers.
- Conical Washer. Plus de contrôle du couple de serrage.
- Trois points anti-rotation.
- Surface optimisée pour assurer le contact total.

Particularités:

- Pour visserie M10 / M12.
- Poids: 57g (10mm) / 56 (12mm).
- Force de rupture: 25 kN.
- Matériau: **acier zingué ecotri / acier inoxydable 316L.**

Geometrie der Fixe1-Bohrhakenlasche:

- Abgerundeter Innenteil für einen leichteren Verschleiß der Karabiner.
- Karabiner-Orientierung um eine optimale Dacharbeit zu erzielen.
- Conical Washer. Mehr Kontrolle beim Anzugsdrehmoment.
- Drei Antirotation-Pins.
- Fläche für einen besseren Kontakt optimiert.

Eigenschaften:

- Für Schrauben M10 / M12.
- Gewicht: 57g (10mm) / 56 (12mm).
- Bruchfestigkeit: 25 kN.
- Material: **verzinkter Eco-Tri-Stahl / aus Edelstahl 316L.**

Características de la plaqueta Fixe 2:

- Punto de contacto con la anilla en forma oval. Aumenta la vida útil del conjunto.
- Conical Washer. Mejora el par de apriete.
- Tres pins antirotación
- Para tornillos M10 / M12.
- Resistencia límite: 25 kN.
- Material: **acero cincado ecotri / acero inoxidable 316L.**

Fixe 2-Hanger features:

- Contact point with the oval-shaped ring. Increases the lifespan of the ensemble.
- Conical Washer. Improves the tightening torque.
- Three anti-rotation pins.
- For bolts M10 / M12.
- Breaking strength: 25 kN.
- Material: available in **ecotri zinc plated / 316L stainless steel.**

Particularités de la plaquette Fixe 2:

- Point de contact avec l'anneau en forme ovale. Augmente la vie utile de l'ensemble complet.
- Conical Washer. Améliore le couple de serrage.
- Trois points anti-rotation.
- Pour visserie M10 / M12.
- Force de rupture: 25 kN.
- Matériau: **acier zingué ecotri / acier inoxydable 316L.**

Eigenschaften der Fixe2-Bohrhakenlasche:

- Berührungspunkt in ovaler Form. Lebensdauer der Zusammenstellung verlängert.
- Conical Washer. Besserung beim Anzugsdrehmoment.
- Drei Antirotation-Pins.
- Für Schrauben M10 / M12.
- Bruchfestigkeit: 25 kN.
- Material: **verzinkter Eco-Tri-Stahl / aus Edelstahl 316L erhältlich.**

Características del tensor corto:

- Diámetro M10 (para instalación agujeros M12)
- Longitud inserción: 90 mm
- Resistencia límite: 25 kN.
- Material: **acero inoxidable 316L.**

Short-Glue in bolt features:

- Diameter D10 (for hole installations D12).
- Insertion length: 90 mm
- Breaking strength: 25 kN.
- Material: **316L stainless steel.**

Particularités de la broche courte:

- Diamètre D10 (pour trous d'installation D12).
- Longueur d'insertion: 90 mm
- Force de rupture: 25 kN.
- Matériau: **acier inoxydable 316L.**

Eigenschaften-Kurzer Klebehaken:

- D10-Durchmesser (für Installationslöcher D12).
- Einbaulänge: 90 mm
- Bruchfestigkeit: 25 kN.
- Material: **Edelstahl 316L.**

Características del tensor largo:

- Diámetro 10 mm (para instalación agujeros D12)
- Longitud inserción: 160 mm
- Resistencia límite: 25 kN.
- Material: **acero inoxidable 316L.**

Long-Glue in bolt features:

- Diameter 10 mm (for hole installations D12).
- Insertion length: 160 mm
- Breaking strength: 25 kN.
- Material: **316L stainless steel.**

Particularités de la broche longue:

- Diamètre 10 mm (pour trous d'installation D12).
- Longueur d'insertion: 160 mm
- Force de rupture: 25 kN.
- Matériau: **acier inoxydable 316L.**

Eigenschaften-Kurzer Klebehaken:

- 10 mm-Durchmesser (für Installationslöcher D12).
- Einbaulänge: 160 mm
- Bruchfestigkeit: 25 kN.
- Material: **Edelstahl 316L.**



Características de la anilla:

- Anilla siempre presente entre componentes para una mejor maniobrabilidad.
- Soldadura en TIG. Mejor resistencia a la corrosión.
- Diámetro interior 33 mm.
- Resistencia límite: 25 kN.
- Material: **acero cincado ecotri / inoxidable 316L.**

Ring features:

- Ring always present between components for a better workability.
- TIG welding. Better resistance to corrosion.
- Inside diameter 33mm .
- Breaking strength: 25 kN.
- Material: **ecotri zinc plated / 316L stainless steel .**

Particularités de l'anneau:

- Anneau toujours présent entre les parties composantes pour une meilleure maniabilité.
- Soudage TIG. Meilleure résistance à la corrosion.
- Diamètre intérieur 33 mm.
- Force de rupture: 25 kN.
- Matériau: **acier zingué ecotri / inoxydable 316L.**

Ring-Eigenschaften:

- Ring zwischen den Komponenten für eine umso bessere Manövrierfähigkeit.
- TIG-Schweißen. Bessere Korrosionsbeständigkeit .
- Innendurchmesser 33 mm.
- Bruchfestigkeit: 25 kN.
- Material: **verzinkter Eco-Tri / Edelstahl 316L.**



Características del mosquetón Draco:

- Cierre **keylock.**
- Zona de rozamiento sobredimensionada.
- Resistencia límite: 25 kN.
- Material: **acero cincado ecotri / inoxidable 316L.**

Draco carabiner features:

- **Keylock** closing.
- Oversized friction zone.
- Breaking strength: 25 kN.
- Material: **ecotri zinc plated / 316L stainless steel.**

Particularités du mousqueton Draco:

- **Keylock** fermeture.
- Zone de friction surdimensionnée.
- Force de rupture: 25 kN.
- Matériau: **acier zingué ecotri / inoxydable 316L.**

Eigenschaften Draco-Karabiner:

- **Keylock**-Verschluss.
- Überdimensionierter Schleifpunkt.
- Bruchfestigkeit: 25 kN.
- Material: **verzinkter Eco-Tri / Edelstahl 316L.**



Características del mosquetón Draco de seguridad:

- Cierre **keylock.**
- Zona de rozamiento sobredimensionada.
- Rosca de seguridad.
- Resistencia límite: 25 kN.
- Fabricación: **acero cincado ecotri / inoxidable 316L.**

Draco carabiner features:

- **Keylock** closing.
- Oversized friction zone.
- Safety screw.
- Breaking strength: 25 kN.
- Production **316L stainless steel.**

Particularités du Draco, mousqueton de sécurité:

- **Keylock** fermeture.
- Zone de friction surdimensionnée.
- Vis de sécurité.
- Force de rupture: 25 kN.
- Matériau: **acier zingué ecotri / inoxydable 316L.**

Eigenschaften Draco-Karabiner:

- **Keylock**-Verschluss.
- Überdimensionierter Schleifpunkt.
- Sicherheitsgewinde.
- Bruchfestigkeit: 25 kN.
- Material: **Edelstahl 316L.**



Anclaje Tipo L (Line)

Anclaje Tipo L en **acero cincado Ecotri**, para entornos de interior / **acero inoxidable 316L**, para entornos de exterior / **titanio**, para ambientes altamente corrosivos.

Único elemento, haciendo función de punto de fijación y punto de anclaje.

Anclajes: **plaqueta Fixe 1 / Fixe 2 / Tensor / Tensor largo / Tensor de titanio**. En diámetros de **8mm, 10mm, M10 y M12**.

L-Anchor (Line)

L-Anchor in **Ecotri zinc plated steel**, for indoor environments / **316L stainless steel**, for outdoor environments / **titanium** for highly corrosive environments.

Single component which acts as fixing point and anchor point.

Anchor: **Fixe1-Hanger / Fixe2 / Glue in bolt / Long Glue in bolt / Titanium Glue in bolt**. Diameters: **8mm, 10mm, M10 and M12**.

Amarrage Type L (Line)

Amarrage Type L en **acier zingué Ecotri**, pour environnements intérieurs / **acier inoxydable 316L**, pour environnements extérieurs / en **titanium** pour environnements hautement corrosifs.

Élément unique qui fonctionne comme point de fixation et à la fois comme point d'amarrage.

Amarrages: **plaquette Fixe1 / Fixe2 / Broche / Broche longue / Broche en titane**. En diamètres de **8 mm, 10 mm, M10 et M12**.

L-Anker (Line)

L-Anker aus **verzinktem Eco-Tri-Stahl** für Innenräume / **Edelstahl 316L** Außenumgebungen / **Titan** und für hoch korrosive Umgebungen geeignet.

Einzelner Bestandteil, welcher als Befestigungspunkt und gleichzeitig auch als Fixpunkt dient.

Anker: **Fixel-Bohrhakenlasche / Fixe2 / Klebhaken / Titan-Klebhaken**. Durchmesser: **8 mm, 10 mm, M10 und M12**.



Reunión Tipo C (Couple)

Reunión individual Tipo C en **acero inoxidable 316L**, para entornos de exterior / **cincado ecotri**, para entornos de interior.

Punto de fijación compuesto por **plaqueta Fixe1 / Fixe2 / Tensor / Tensor largo** para tornillería de **M10 / M12**.

Punto de anclaje con **anilla / Draco**.

Diseñada y fabricada en **Barcelona-Pirineus**.

C-Belay Station (Couple)

Individual Belay Station Type C in **316L stainless steel** for outdoor environment / **ecotri zinc plated** for indoor environment.

Fixing point consisting of hanger **Fixe1 / Fixe2 / Glue in bolt / Long glue in bolt** for **M10 / M12** screws.

Anchor point with **ring / Draco**.

Designed and manufactured in **Barcelona-Pirineus**.

Relais Type C (Couple)

Relais individuel Type C en **acier inoxydable 316L**: pour environnement extérieur / **zingué ecotri**: pour environnement intérieur.

Point de fixation composé d'une **plaquette Fixe1 / Fixe2 / Broche / Broche longue** pour visserie **M10 / M12**.

Point d'amarrage avec **anneau / Draco**.

Conçu et fabriqué à **Barcelone-Pyrénées**.

C-Umlenker (Couple)

Individueller C-Umlenker aus **Edelstahl 316L** für Außenbereiche geeignet / **Eco-Tri Verzinkung** für Innenbereiche geeignet.

Befestigungspunkt bestehend aus **Bohrhakenlasche Fixe1 / Fixe2 / Klebhaken / langer Klebhaken** für **M10 / M12** Schrauben.

Umlenker mit **Ring / Draco**.

In **Barcelona-Pyrenäen** entworfen und hergestellt.



Reunión Tipo D

Reunión tipo D en **acero inoxidable 316L**, para entornos de exterior / **cincado ecotri**, para entornos de interior.

Dos puntos de fijación compuestos por **plaqueta Fixe1 / Fixe2 / Tensor / Tensor largo** en extremo superior y **Fixe2 / Tensor / Tensor largo** en extremo inferior, ambos para tornillos de **M10 / M12**.

Punto de anclaje con **anilla / Draco**.

Diseñada y fabricada en **Barcelona-Pirineus**.

D-Belay Station

Belay Station Type D in **316L stainless steel** for outdoor environment / **ecotri zinc plated** for indoor environment.

Two fixing points consisting of hanger **Fixe1 / Fixe2 / Glue in bolt / Long glue in bolt** at the top end and **Fixe1 / Fixe2 / Glue in bolt / Long glue in bolt** at lower end, both of them for **M10 / M12** screws.

Anchor point with **ring / Draco**.

Designed and manufactured in **Barcelona-Pirineus**.

Relais Type D

Relais Type D en **acier inoxydable 316L**: pour environnement extérieur / **zingué ecotri**: pour environnement intérieur.

Deux points de fixation constitués d'une **plaquette Fixe1 / Fixe2 / Broche / Broche longue** à l'extrémité supérieure et **Fixe2 / Broche / Broche longue** à l'extrémité inférieure, toutes deux pour visserie de **M10 / M12**.

Point d'amarrage avec **anneau / Draco**.

Conçu et fabriqué à **Barcelone-Pyrénées**.

D-Umlenker

D-Umlenker aus **Edelstahl 316L** für Außenbereiche geeignet / **Eco-Tri Verzinkung** für Innenbereiche geeignet.

Zwei Befestigungspunkte bestehend aus **Bohrhakenlasche Fixe1 / Fixe2 / Klebhaken / langer Klebhaken** oben und **Fixe2 / Klebhaken / langer Klebhaken** unten alle beide für **M10 / M12** Schrauben geeignet.

Umlenker mit **Ring / Draco**.

In **Barcelona-Pyrenäen** entworfen und hergestellt.



Reunión Tipo V

Reunión Tipo V en **acero inoxidable 316L**, para entornos de exterior / **cincado ecotri**, para entornos de interior.

Dos puntos de fijación compuestos por dos **plaquetas Fixe 1** para tornillería de **M10 / M12**.

Punto de anclaje con **anilla / Draco / Draco con rosca de seguridad**.

Diseñada y fabricada en **Barcelona-Pirineus**.

V-Belay Station

Belay Station Type V in **316L stainless steel** for outdoor environment / **ecotri zinc plated** for indoor environment.

Two fixing points consisting of two **Fixe 1** hangers **M10 / M12** screws.

Anchor point with **ring / Draco / Draco with safety screw**.

Designed and manufactured in **Barcelona-Pirineus**.

Relais Type V

Relais Type V en **acier inoxydable 316L**: pour environnement extérieur / **zingué ecotri**: pour environnement intérieur.

Deux points de fixation constitués de deux **plaquettes Fixe 1** pour vis de **M10 / M12**.

Point d'amarrage avec **anneau / Draco / Draco avec vis de sécurité**.

Conçu et fabriqué à **Barcelone-Pyrénées**.

V-Umlenker

V-Umlenker aus **Edelstahl 316L** für Außenbereiche geeignet / **Eco-Tri Verzinkung** für Innenbereiche geeignet.

Zwei Befestigungspunkte bestehend aus zwei **Fixe1 Bohrhakenlaschen** für **M10 / M12** Schrauben.

Umlenker mit **Ring / Draco / Draco mit Absicherung**.

In **Barcelona-Pyrenäen** entworfen und hergestellt.

ANCHORS MAP PRODUCT INDOOR

ANCHORS MAP PRODUCT OUTDOOR

ANCHORS MAP PRODUCT ACCESSORIES

L TYPE

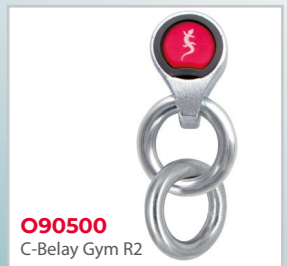
ZINC PLATED



ECOTRI ZINC PLATED



C TYPE



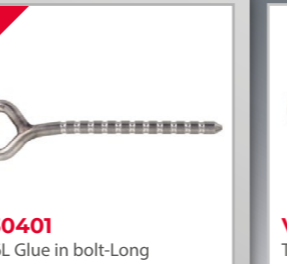
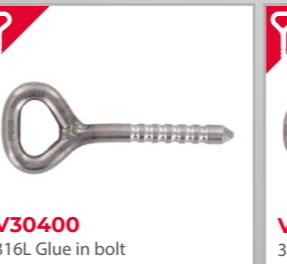
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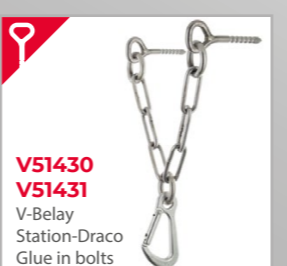
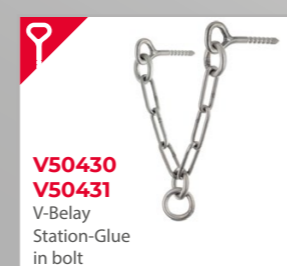
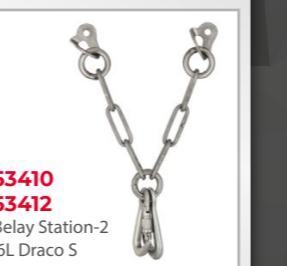
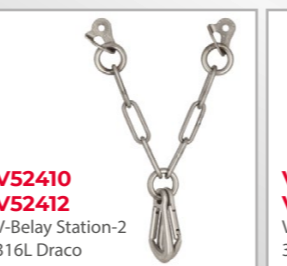
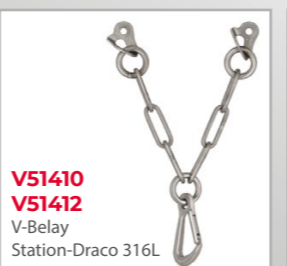
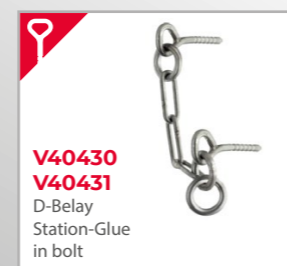
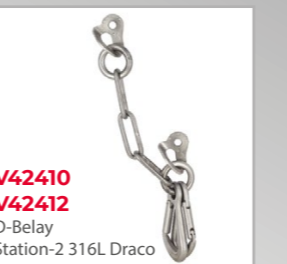
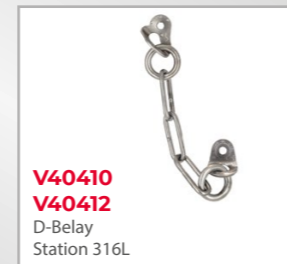
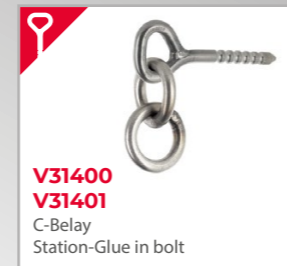
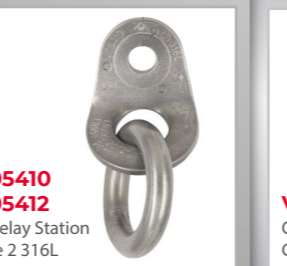
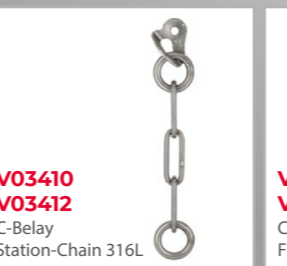
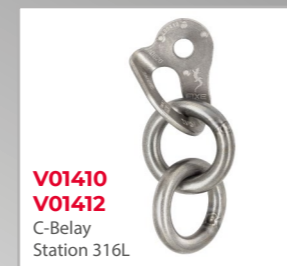
V TYPE



316L STAINLESS STEEL



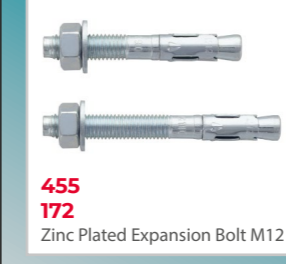
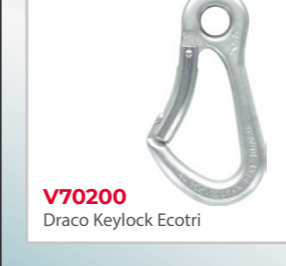
TITANIUM



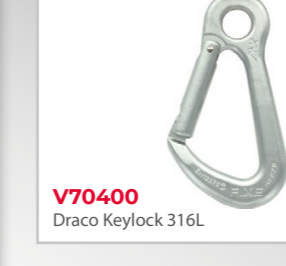
COMPONENTS

EXPANSION BOLTS

ECOTRI ZINC PLATED



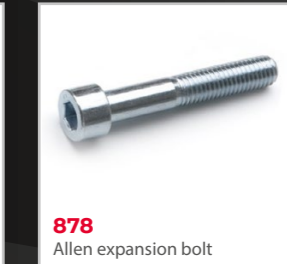
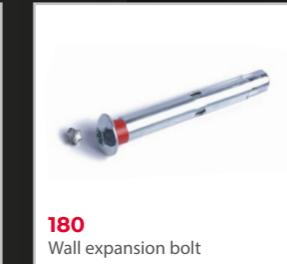
316L STAINLESS STEEL



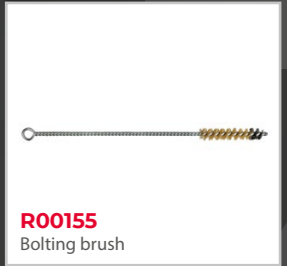
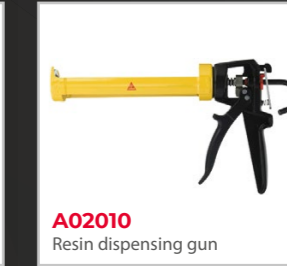
TITANIUM



BOLTS



ACCESSORIES



Gym Hanger

O90101	Z	25	32
O90001	Z	25	40

EN959:2019

O90101
Gym R1



O90001
Gym R2



Fixe 1-Hanger Pack



V00210-C100	Z	10	25	25	100
V00210-C20	Z	10	25	25	20
V00212-C100	Z	12	25	25	100
V00212-C20	Z	12	25	25	20
V00410-C100	Inox 316L	10	25	25	100
V00410-C20	Inox 316L	10	25	25	20
V00412-C100	Inox 316L	12	25	25	100
V00412-C20	Inox 316L	12	25	25	20

EN795:2012, EN959:2018

Fixe 1 Inox + Parabolt Inox 316L Pack

V22410-K20	Inox 316L	10	25	25	70	20
V22410-K100	Inox 316L	10	25	25	70	100
V25410-K20	Inox 316L	10	25	25	90	20
V25410-K100	Inox 316L	10	25	25	90	100
V25412-K20	Inox 316L	12	25	25	90	20
V25412-K100	Inox 316L	12	25	25	90	100
V27412-K20	Inox 316L	12	25	25	110	20
V27412-K100	Inox 316L	12	25	25	110	100

EN795:2012, EN959:2018



Glue in bolt

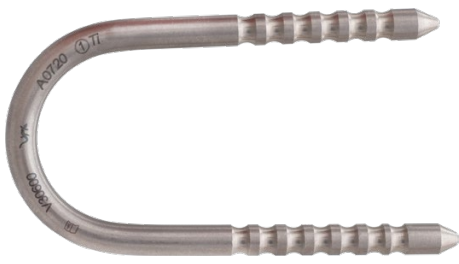


V30401
316L Glue in bolt-Long

V30400	Inox 316L	12	120	90	25	110
V30401	Inox 316L	12	190	160	25	153

EN795:2012, EN959:2018

Titanium-Glue in bolt



V31600	Ti	8	25	52
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EN959:2018

C-Belay Gym R2



O90500	Z	25	216
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EN959:2018

C-Belay Station Fixe 1



V01210
C-Belay Station
Fixe 1 Ecotri



V01410
C-Belay Station
Fixe 1 316L



V01210	Z	10	25	144
V01212	Z	12	25	142
V01410	Inox 316L	10	25	228
V01412	Inox 316L	12	25	225

EN795:2012, EN959:2018

C-Belay Station-Draco



V02210
C-Belay Station
Draco Ecotri






V02410
C-Belay Station
316L



V02210	Z	10	25	376
V02212	Z	12	25	374
V02410	Inox 316L	10	25	374
V02412	Inox 316L	12	25	372

EN795:2012, EN959:2018

C-Belay Station-Chain

		\emptyset		
V03210	Z	10	25	316
V03212	Z	12	25	314
V03410	Inox 316L	10	25	372
V03412	Inox 316L	12	25	284

EN795:2012, EN959:2018



V01210
C-Belay Station
Fixe 1 Ecotri



V01410
C-Belay Station
Fixe 1 316L




C-Belay Station Fixe 2



V05210
C-Belay Station
Fixe 2 Ecotri






V05410
C-Belay Station
Fixe 2 316L

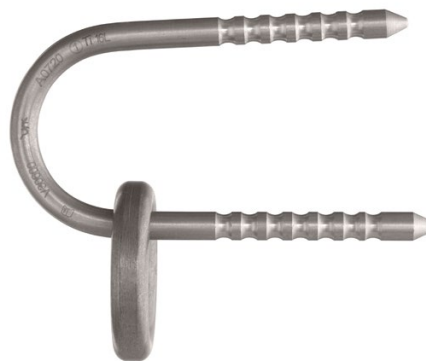
		\emptyset		
V05210	Z	10	25	146
V05212	Z	12	25	146
V05410	Inox 316L	10	25	146
V05412	Inox 316L	12	25	144

EN795:2012, EN959:2018

C-Belay Station-Titanium glue in bolt

		\emptyset		
V31600	Ti	8	25	92

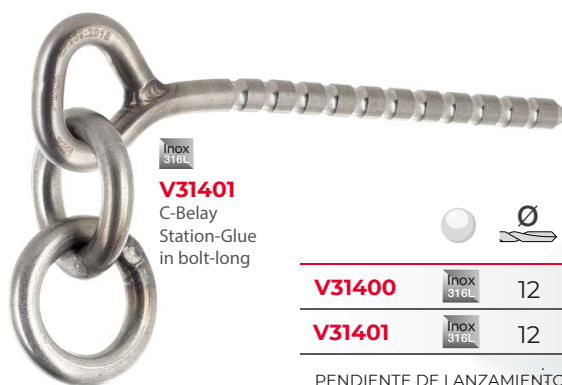
EN959:2018





C-Belay Station-Glue in bolt



V31400
C-Belay
Station-Glue in bolt



V31401
C-Belay
Station-Glue
in bolt-long

	\emptyset	A	L			
V31400	Inox 316L	12	120	90	25	428
V31401	Inox 316L	12	190	160	25	471

PENDIENTE DE LANZAMIENTO / PRODUCT LAUNCH STILL PENDING /
PRODUKTEINFÜHRUNG IN KÜRZE / LANCEMENT DE PRODUIT EN COURS

C-Belay Station-Draco Glue in bolts



V32400
C-Belay
Station-Draco Glue in bolts



V32401
C-Belay
Station Glue in bolt-long Draco

	Ø	A	L	kN	gr
V32400	Inox 316L 12	120	90	25	428
V32401	Inox 316L 12	190	160	25	469

PENDIENTE DE LANZAMIENTO / PRODUCT LAUNCH STILL PENDING /
PRODUKTEINFÜHRUNG IN KÜRZE / LANCEMENT DE PRODUIT EN COURS

C-Belay Station-Glue in bolt-Chain



V33400
C-Belay Station-Glue
in bolt-Chain



V33401
C-Belay Station Glue
in bolt-long chain

	Ø	A	L	kN	gr
V33400	Inox 316L 12	120	90	25	622
V33401	Inox 316L 12	190	160	25	663

PENDIENTE DE LANZAMIENTO / PRODUCT LAUNCH STILL PENDING /
PRODUKTEINFÜHRUNG IN KÜRZE / LANCEMENT DE PRODUIT EN COURS





V-Belay Station Gym R2-2Draco



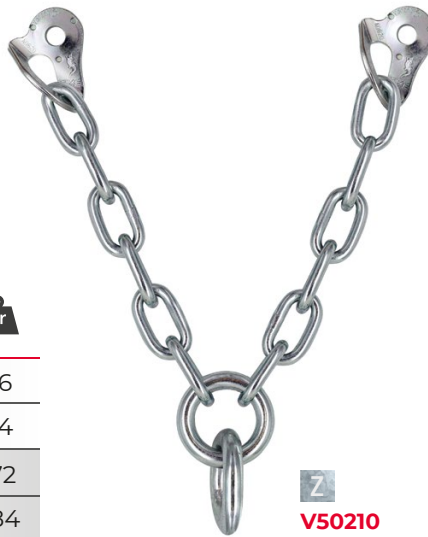
	Ø	kN	gr
090401	12	25	980

EN959:2018

V-Belay Station

				
V50210	Z	10	25	316
V50212	Z	12	25	314
V50410	Inox 316L	10	25	372
V50412	Inox 316L	12	25	284

EN795:2012, EN959:2018



V50210
V-Belay Station
Ecotri



V50410
V-Belay Station
316L





V-Belay Station-Draco



V51210
V-Belay
Station-Draco
Ecotri







V51410
V-Belay
Station-Draco
316L

				
V51210	Z	10	25	776
V51212	Z	12	25	772
V51410	Inox 316L	10	25	976
V51412	Inox 316L	12	25	972

EN795:2012, EN959:2018

V-Belay Station-2 Draco

				
V52210	Z	10	25	1008
V52212	Z	12	25	1004
V52410	Inox 316L	10	25	1208
V52412	Inox 316L	12	25	1204

EN795:2012, EN959:2018



V52210
V-Belay
Station-2Ecotri
Draco



V52410
V-Belay
Station-2 316L
Draco

V-Belay Station-2 316L Draco S



V53410
V-Belay Station-2
316L Draco S



	Inox 316L	Ø	kN	gr
V53410	Inox 316L	10	25	1138
V53412	Inox 316L	12	25	1134

EN795:2012, EN959:2018

V-Belay Station-Glue in bolt



V50430
V-Belay Station-Glue
in bolt



V50431
V-Belay Station Glue
in bolt- long



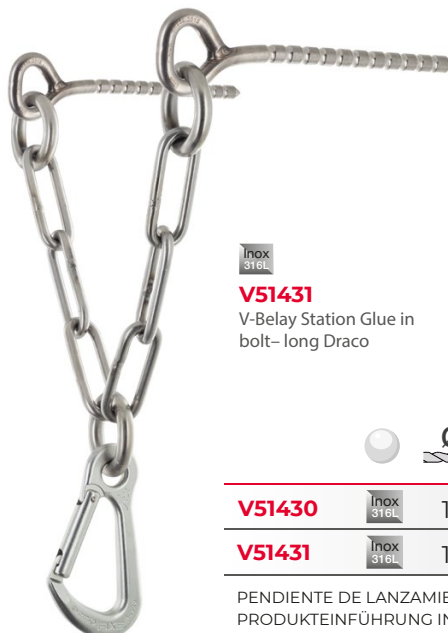
	Inox 316L	Ø	A	L	kN	gr
V50430	Inox 316L	12	120	90	25	852
V50431	Inox 316L	12	190	160	25	938

PENDIENTE DE LANZAMIENTO / PRODUCT LAUNCH STILL PENDING /
PRODUKTEINFÜHRUNG IN KÜRZE / LANCEMENT DE PRODUIT EN COURS

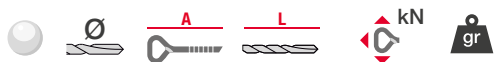
V-Belay Station-Draco Glue in bolts



V51430
V-Belay Station-Draco
Glue in bolts







V51431
V-Belay Station Glue in
bolt- long Draco



	Inox 316L	Ø	A	L	kN	gr
V51430	Inox 316L	12	120	90	25	998
V51431	Inox 316L	12	190	160	25	1.084

PENDIENTE DE LANZAMIENTO / PRODUCT LAUNCH STILL PENDING /
PRODUKTEINFÜHRUNG IN KÜRZE / LANCEMENT DE PRODUIT EN COURS

D-Belay Station

				
V40210	Z	10	25	376
V40212	Z	12	25	372
V40410	Inox 316L	10	25	432
V40412	Inox 316L	12	25	428

EN795:2012, EN959:2018



V40210
D-Belay Station
Ecotri



V40410
D-Belay Station
316L





D-Belay Station-Draco



V41210
D-Belay
Station-Draco
Ecotri







V41410
D-Belay
Station-Draco
316L

				
V41210	Z	10	25	608
V41212	Z	12	25	604
V41410	Inox 316L	10	25	664
V41412	Inox 316L	12	25	660

EN795:2012, EN959:2018

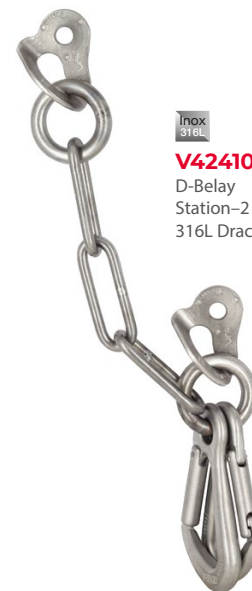
D-Belay Station-2 Draco

				
V42210	Z	10	25	840
V42212	Z	12	25	836
V42410	Inox 316L	10	25	912
V42412	Inox 316L	12	25	908

EN795:2012, EN959:2018



V42210
D-Belay
Station-2 Ecotri
Draco



V42410
D-Belay
Station-2
316L Draco

D-Belay Station-Glue in bolt



V40430	Inox 316L	12	120	90	25	450
V40431	Inox 316L	12	190	160	25	536

PENDIENTE DE LANZAMIENTO / PRODUCT LAUNCH STILL PENDING /
PRODUKTEINFÜHRUNG IN KÜRZE / LANCEMENT DE PRODUIT EN COURS

D-Belay Station-Draco Glue in bolts



V41430	Inox 316L	12	120	90	25	768
V41431	Inox 316L	12	190	160	25	854

PENDIENTE DE LANZAMIENTO / PRODUCT LAUNCH STILL PENDING /
PRODUKTEINFÜHRUNG IN KÜRZE / LANCEMENT DE PRODUIT EN COURS

Rings

V61200	Z	25	88	
V61400	Inox 316L	25	89	
M00035	Ti	25	40,5	



Z
V61200
Ecotri Ring



Inox 316L
V61400
Ring 316L



Ti
M00035
Titanium Ring

Draco Keylock

Draco Safety



Z
V70200
Draco Keylock
Ecotri



Inox 316L
V70400
Draco Keylock
316L



Inox 316L
V70410
Draco Safety
316L

		kN	kN	Ømm	Ømm	gr
V70200	Z	25	35	16	21	195
V70400	Inox 316L	25	35	16	21	195

EN12275

		kN	kN	Ømm	Ømm	gr
V70410	Inox 316L	25	35	16	20	198

EN12275

Zinc plated Expansion Bolt



Z
011
M10x90



Z
172
M12x110



Z
012
M10x70



Z
455
M12x90

		L	Ø	Ø	Ø	kN	kN	gr	gr	gr
012	Z	10	70	M10	17	13,7	13,7	54	1	1
011	Z	10	90	M10	17	14,7	19	58	1	1
455	Z	12	90	M12	19	17,8	17,8	88	1	1
172	Z	12	110	M12	19	17,8	17,8	88	1	1

ETE-305/2011

316L Expansion Bolt



Inox 316L
V25410-C20
M10x90



Inox 316L
V27412-C10
M12x110



Inox 316L
V22410-C20
M10x70

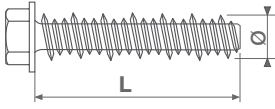


Inox 316L
V25412-C10
M12x90

		L	Ø	Ø	Ø	kN	kN	gr	gr	gr
V22410-C20	Inox 316L	10	70	M10	17	25,2	25	51	20	20
V25410-C20	Inox 316L	10	90	M10	17	17,4	16	60	20	20
V25412-C10	Inox 316L	12	90	M12	19	17,4	16	60	10	10
V27412-C10	Inox 316L	12	110	M12	19	17,4	16	60	10	10

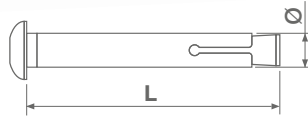
ETE-305/2011

Screw anchor



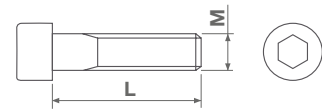
757	Z	7,5	60	6	16
758	Z	10	65	9	32

Wall expansion bolt



180	Z	10	85
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Allen nut bolt



280	Z	10	60
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Epoxy resin Sika AnchorFix 3001

Professional and high-performance, two-component adhesive for anchors, based on epoxy resin. Quantity: 250ml / 360g.

ETA-ETAG 001 for anchors in cracked concrete.
ETA-ETAG001 for bar anchors.

Styrene free, high-performance, two-component adhesive for anchors, based on epoxy resin.

A02000



Nozzles for resin cartridge (5 units)

A02001-C5



Resin dispensing gun

A02010



Sika AnchorFix- Dispensing gun for epoxy resin.

Capacity for cartridges up to 300ml.

High constant fluid power.

Easy cartridge loading and handling.

Bolting brush

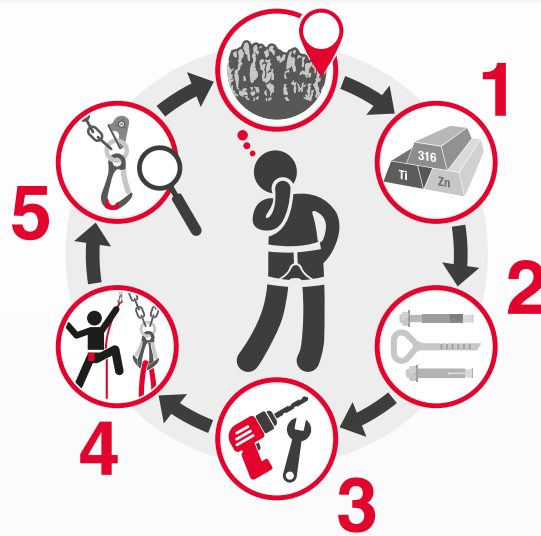
R00155



R00155	10	300
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¿Cómo seleccionar el material correcto para la instalación?

How to choose the correct installation material?



1

	Zn, A2 304, A4 316	A4 316, 904, PLX duplex	Ti Titanium, 926, 254 SMO
+			
	A4 316, PLX duplex	A4 316, 904, PLX duplex	926, 254 SMO, Ti Titanium

2

	●	●	●	●
		●	●	●
		●	●	●
	●	●	●	●
	●	●	●	●

3 WARNING



Metales pobres
Algunos metales son afectados por la corrosión en contacto con otros tipos

Poor metal
Some metals are highly affected by corrosion in front of other ones.



Mala praxis 1
Contaminación del material por las partículas del martillo.

Wrong praxis 1
Contamination of the high alloyed material by hammer particles (low alloy).



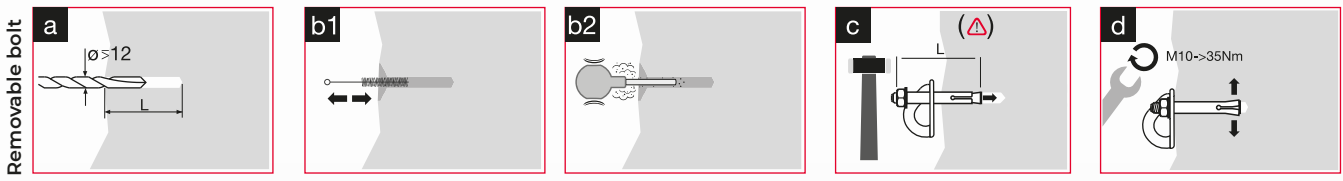
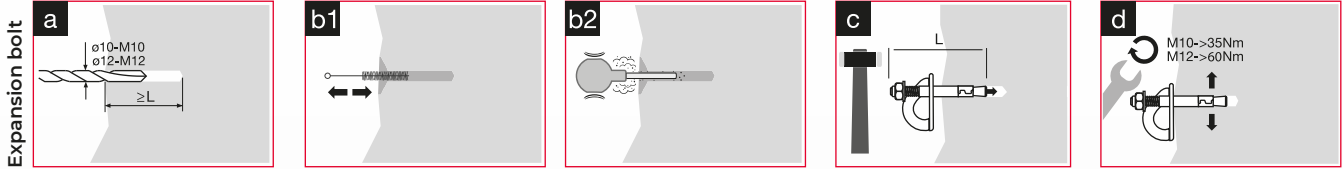
Mala praxis 2
Superficie del anclaje o geometría modificada: cualquier proceso de cambio en el producto (doblado, cortado, taladrado ...) podría reducir significativamente su resistencia a la corrosión.

Wrong praxis 2
Anchor surface or geometry modified: Any product change process (bent, cut, drill...) could reduce significantly its corrosion resistance.

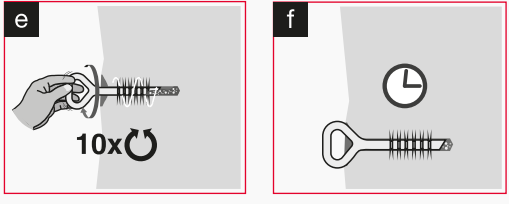
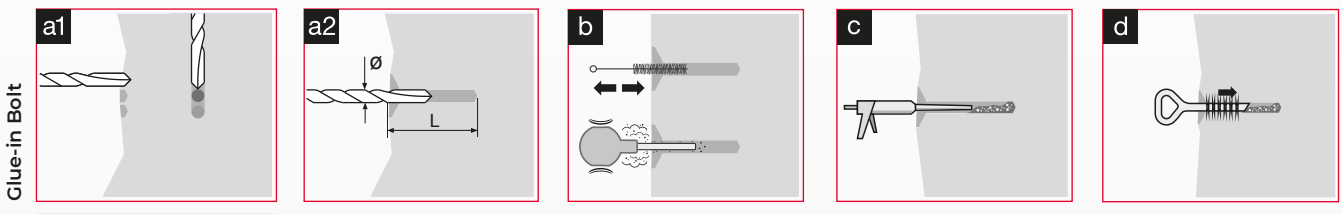
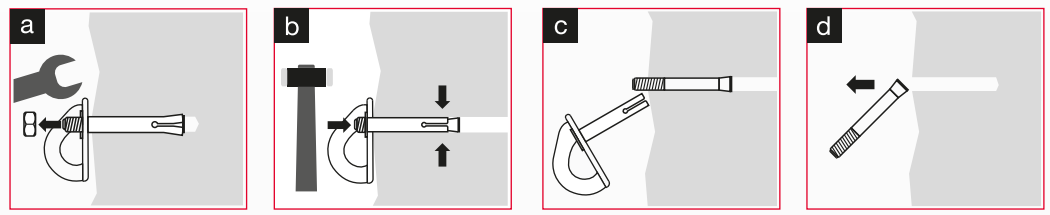


Mala praxis 3
Mezclando diferentes metales con diferentes potenciales galvánicos, es fácil que se genere corrosión galvánica.

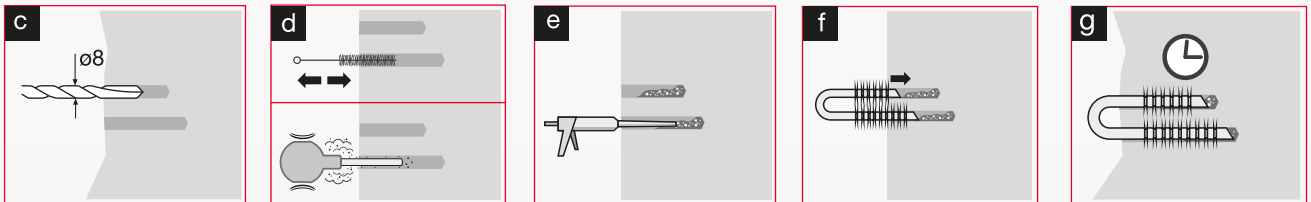
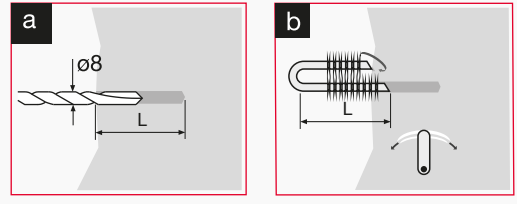
Wrong praxis 3
Mixing various metals with different galvanic potential, easily turns to galvanic corrosion.



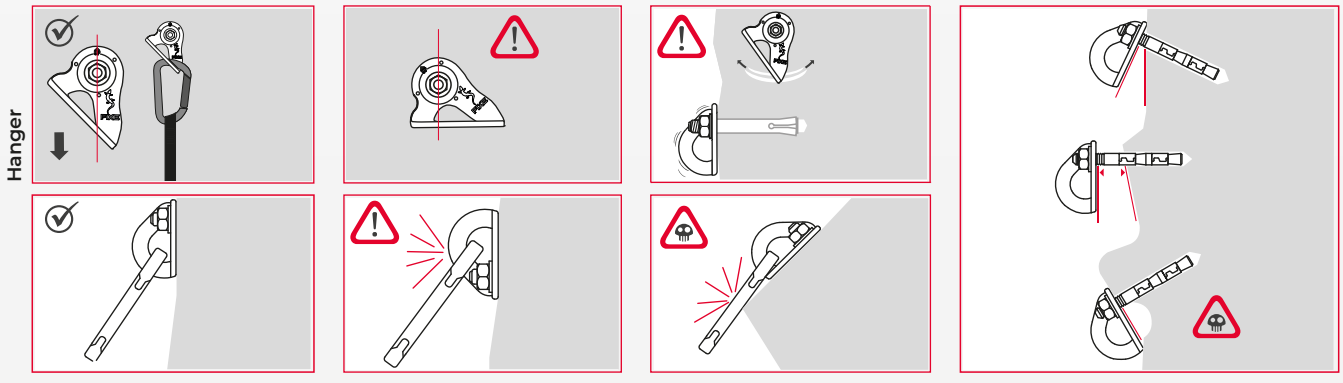
RECUPERATION



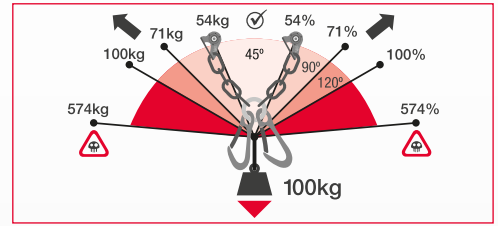
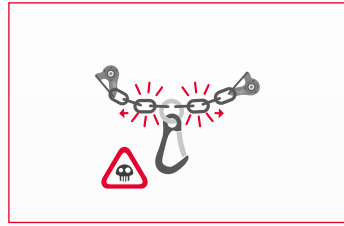
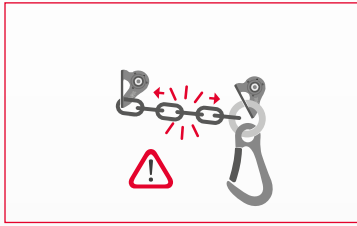
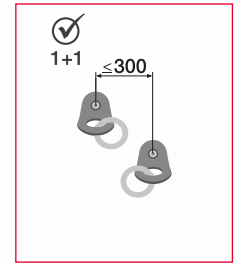
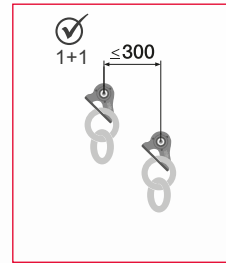
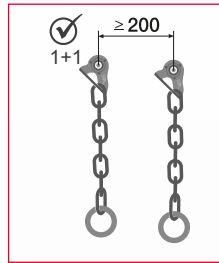
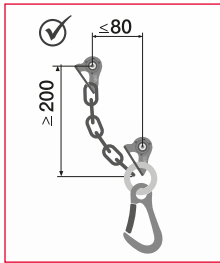
Glue-in U



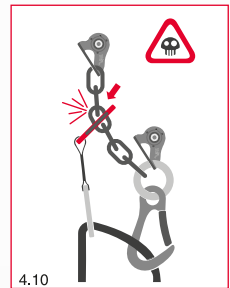
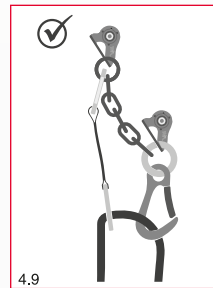
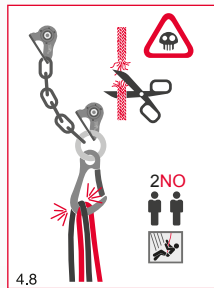
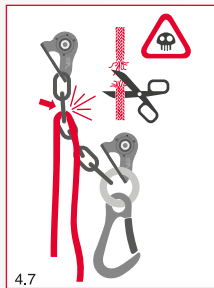
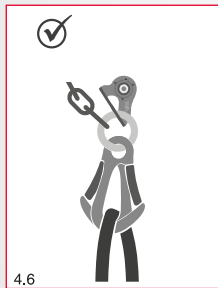
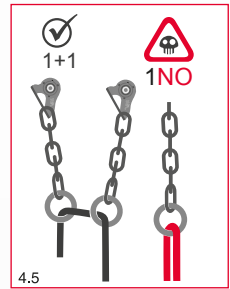
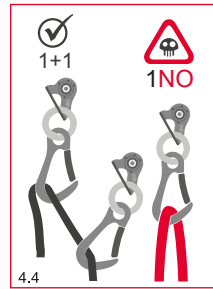
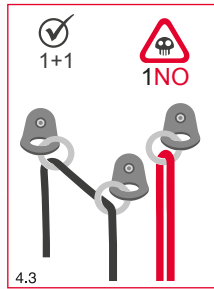
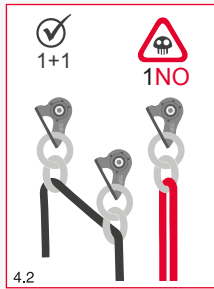
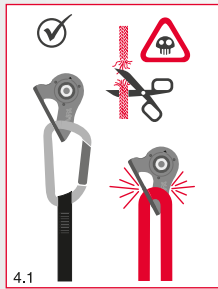
Temperature	SIKA AnchorFix 3+		SIKA AnchorFix 3001		SIKA Sikadur 31	HILTI HY 200 - A		HILTI RE 500 V3	
	Hand	Check	Hand	Check	Hand	Hand	Check	Hand	Check
-5 °C to -1 °C	-	-	-	24h	-	50'	4h	2h	168h
0 °C to 4 °C	-	-	-	24h	-	25'	2h	2h	48h
5 °C to 9 °C	-	-	-	24h	-	15'	75'	2h	24h
10 °C to 14 °C	20'	12h	20'	12h	~120'	7'	45'	1.5h	16h
15 °C to 19 °C	15'	8h	15'	8h	~120'	7'	45'	1h	12h
20 °C to 24 °C	11'	7h	11'	7h	~120'	4'	30'	30'	7h
25 °C to 29 °C	8'	6h	8'	6h	~80'	4'	30'	20'	6h
30 °C to 34 °C	6'	5h	6'	5h	~80'	3'	30'	15'	5h
35 °C to 39 °C	4'	4h	4'	4h	~42'	3'	30'	12'	4.5h
40 °C	3'	3h	3'	3h	~30'	3'	30'	10'	4h



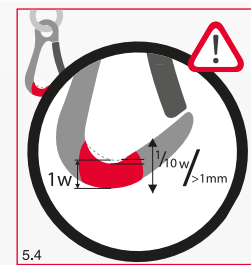
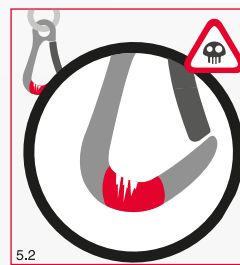
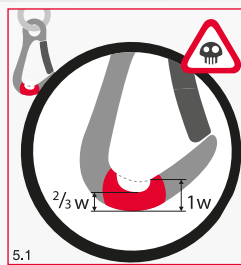
Anchors



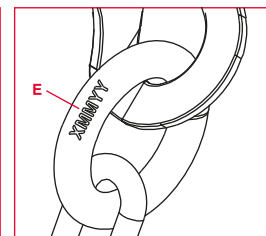
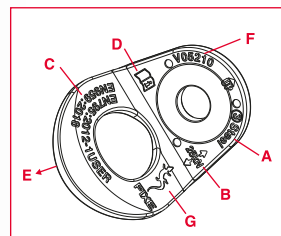
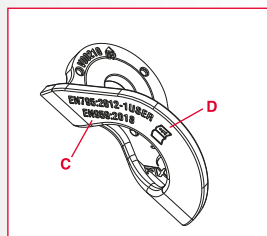
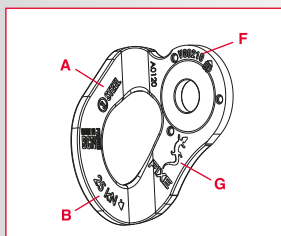
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5

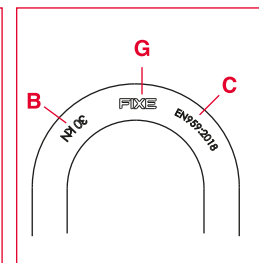
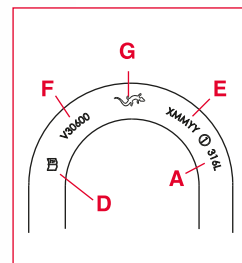
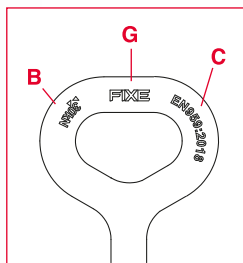
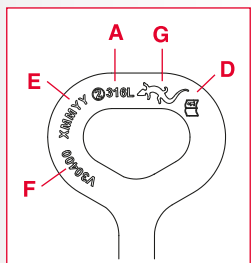
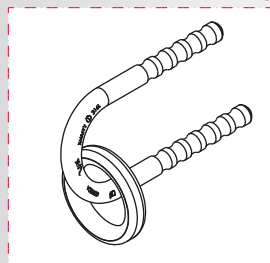


6



- Marking**
- A. Material
 - B. Charge
 - C. Normative
 - D. Logo instructions
 - E. Batch n°
 - F. Code
 - G. Logo

Glue-in U + ring





Jeroni Guixà, Sant Quirze de Besora (08580) - Barcelona
T. +34 938 55 00 42 - info@fixeclimbing.com

www.fixeclimbing.com