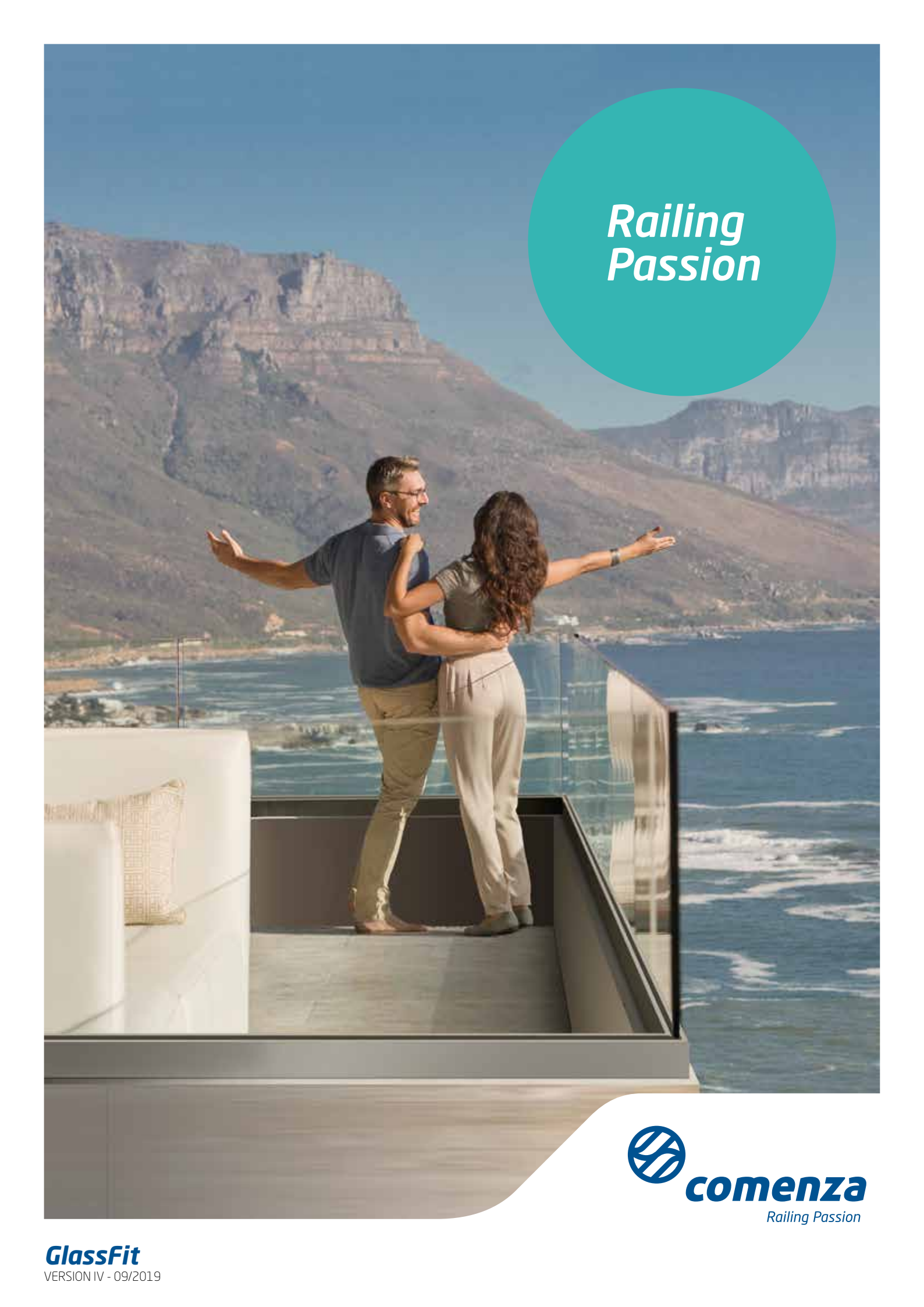




Railing Passion



comenza

Railing Passion

GlassFit

VERSION IV - 09/2019



*Railing
Passion*

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Railing Passion

[esp]

Porque nada ni nadie puede imprimirle más pasión a lo que hacemos que nosotros.

Railing Passion es mucho más que el lema de Comenza, es una filosofía de trabajo que inspira a todos los miembros de la empresa en su día a día y que nos compromete con nuestros clientes de cara a desarrollar sistemas y herrajes de barandillas de diseño exclusivo, seguros y fáciles de instalar.

MISSION

Diseñar y desarrollar sistemas y herrajes de barandillas que puedan ser instalados en cualquier parte del mundo con un equilibrio óptimo en relación diseño-calidad-precio.

VISION

Ser un referente mundial en el sector de la arquitectura a través del desarrollo de sistemas y herrajes de barandillas de diseño exclusivo, seguros y fáciles de instalar.

[eng]

Because nobody can put more passion into their work than we do.

Railing Passion is much more than a motto at Comenza, it is our working philosophy that inspires all of us at the company during our daily activities. It reflects our commitment to our customers when it comes to developing railing systems and hardware using designs that are unique, safety-oriented, and easy to install.

OUR MISSION

To design and develop railing systems and hardware that can be installed anywhere in the world, with an optimal design-quality-price balance.

OUR VISION

To be a worldwide leader in the architecture sector by developing railing systems and hardware using designs that are unique, safety-oriented, and easy to install.

[fra]

Parce que rien, ni personne ne peut afficher une aussi grande passion que nous dans la fabrication de nos produits.

Railing Passion n'est pas qu'un slogan de Comenza, mais plutôt une philosophie de travail qui inspire l'ensemble de son personnel dans son activité quotidienne et qui nous engage envers nos clients à développer des systèmes et des ferrures pour garde-corps au design exclusif, surs et faciles à installer.

NOTRE MISSION

Concevoir et développer des systèmes et des ferrures pour garde-corps pouvant être installés partout dans le monde et offrant un rapport design-qualité-prix équilibré et optimal.

NOTRE VISION

Être un modèle à l'échelle mondiale dans le secteur de l'architecture en développant des systèmes et des ferrures pour garde-corps au design unique, surs et faciles à installer.



Passion for safety



Pasión por la seguridad

[esp]

Pasión por la seguridad es el compromiso que en Comenza adquirimos con nuestros clientes de cara a desarrollar y diseñar sistemas de barandillas que cumplan con los códigos de edificación de cada país en el que operamos y que garanticen una total seguridad a los usuarios finales.

Para ello contamos con laboratorio de ensayos propio que nos permite lanzar al mercado sistemas de barandillas previamente probados y testados que garantizan a todos nuestros clientes que las barandillas Comenza son la solución más segura y fiable del mercado.

Además, estamos en continua colaboración con las más prestigiosas empresas de certificación en todo el mundo (CSTB, Applus etc.) para garantizar, vía ensayos certificados, que nuestros sistemas y herrajes de barandillas cumplen con las normativas de cada país.

Passion for safety

[eng]

Passion for safety is the commitment that Comenza offers to its customers when developing and designing railing systems that follows the building codes of any country in which we operate, in order to guarantee full safety and security for the end users.

We comply with this commitment using our own testing laboratory, which allows us to bring pre-tested, proven railing systems to the market. By doing this we can ensure all of our customers that their Comenza railings represent the safest and most reliable solution available.

In addition, we are in constant collaboration with the most prestigious certification companies throughout the world (CSTB, Applus, etc.) to ensure, through certified testing, that our railing systems and hardware follow the building codes and regulations being applied in each country.

Passion pour la sécurité

[fra]

La passion pour la sécurité est l'engagement de Comenza auprès de ses clients en vue de développer et de concevoir des systèmes de garde-corps respectant toutes les réglementations en matière de construction de chaque pays où nous agissons et qui garantissent une sécurité totale aux utilisateurs finaux.

Pour ce faire, nous disposons d'un laboratoire d'essais qui nous permet de lancer sur le marché des systèmes de garde-corps testés au préalable pour garantir à nos clients que les garde-corps Comenza sont la solution la plus sûre et la plus fiable du marché.

En outre, nous sommes en étroite collaboration avec les entreprises de certification les plus renommées au niveau mondial (CSTB, Applus etc.) pour garantir, par le biais d'essais certifiés, que nos systèmes et nos ferrures pour garde-corps sont conformes aux réglementations de chaque pays.



Passion for people

Pasión por las personas

[esp]

La pasión por las personas es uno de los ejes centrales sobre los que se mueve la estrategia corporativa de Comenza. Es por ello que en nuestro afán de garantizar una experiencia excepcional a nuestros clientes contamos con un equipo de personas altamente cualificadas no sólo a nivel profesional sino también a nivel humano dispuestas a mantener este compromiso a toda costa.

Además, en nuestro empeño de acercar la empresa a todos nuestros clientes y ofrecerles un trato personalizado nuestro equipo de atención al cliente nacional e internacional está dispuesto y preparado para ayudarte y resolverte cualquier duda acerca de nuestros sistemas de barandillas en diferentes idiomas como español, inglés, francés o portugués.

Passion for people

[eng]

At Comenza, our passion for people is one of the fundamental principles around which our corporate strategy revolves. This is why we always go the extra mile to give our customers a remarkable experience, with a team of service-oriented individuals who are highly qualified not only in their professions, but also in the way they deal with people. We are always ready to comply with our commitments at any cost.

Our desire to maintain close relationships between our company and our customers and clients is also reflected in the personalized service offered by our national and international customer service teams. They are always ready and willing to assist you and answer any questions you may have regarding our railing systems in a variety of languages, such as Spanish, English, French, and Portuguese.

Passion pour les personnes

[fra]

La passion pour les personnes est l'un des principaux piliers sur lequel repose la stratégie commerciale de Comenza. Pour garantir une expérience exceptionnelle à nos clients, nous avons une équipe de personnes hautement qualifiées non seulement au niveau professionnel mais aussi humain, soucieuse de maintenir coûte que coûte cet engagement.

Par ailleurs, pour offrir un service personnalisé et optimal à nos clients, notre équipe clientèle nationale et internationale est à votre entière disposition pour dissiper tous vos doutes sur nos systèmes de garde-corps. Cette assistance est offerte en plusieurs langues telles que l'espagnol, l'anglais, le français ou le portugais.



*Passion
for design*

Pasión por el diseño

[esp]

En Comenza creemos firmemente que nuestra pasión por el diseño es una de las razones por las cuales los arquitectos e interioristas más relevantes del panorama internacional están especificando nuestros sistemas de barandillas en sus proyectos más exclusivos.

Desde proyectos hoteleros pasando por centros comerciales o viviendas unifamiliares el diseño exclusivo con el que cuentan todos los sistemas Comenza nos permite adaptarnos fácilmente a las tendencias de la arquitectura contemporánea.

Todo esto es posible gracias al equipo de diseñadores e ingenieros que componen el departamento de I+D+I de Comenza cuya filosofía de trabajo permite desarrollar soluciones innovadoras que posibilitan instalar fácilmente todos nuestros sistemas a la vez que dotarles de un diseño único y exclusivo.

Passion for design

[eng]

At Comenza we firmly believe that our passion for design is one of the reasons why some of the most notable architects and interior designers on the international scene are specifying our railing systems for their most prestigious projects.

From hotel projects to shopping centers to single-family homes, the exclusive designs used in all of our Comenza systems allow us to easily adapt to the latest trends in contemporary architecture.

All of this is possible thanks to our team of designers and engineers who make up Comenza's R&D department. Our team's working philosophy allows us to develop innovative solutions that make all of our railing systems and hardware easy to install while also featuring unique and exclusive designs.

Passion pour le dessin

[fra]

Chez Comenza, nous sommes convaincus que notre passion pour le design est l'une des raisons pour lesquelles les architectes et décorateurs d'intérieurs de renommée internationale font appel à nos systèmes de garde-corps pour leurs projets les plus exclusifs.

Le design exclusif utilisé dans les systèmes Comenza nous permet de nous adapter plus facilement aux tendances de l'architecture contemporaine à travers de nombreux projets (hôteliers, de centres commerciaux ou de maisons individuelles, entre autres).

Tout cela est possible grâce à l'équipe de designers et d'ingénieurs du département R&D&I de Comenza dont la philosophie de travail se centre sur le développement de solutions innovantes permettant l'installation facile de nos systèmes, en les dotant à la fois d'un design unique et exclusif.

Internacional

[esp]

Siguiendo la filosofía “piensa global actúa local” te ofrecemos sistemas de barandillas de alta calidad adaptados técnicamente a las exigencias de cada mercado con un diseño único, máxima funcionalidad y en las mejores condiciones logísticas y de suministro.

Gracias a los más de 2000 clientes que a lo largo de este tiempo confían y han confiado en nuestra marca, los sistemas de barandillas Comenza se instalan y distribuyen hoy día en más de 25 países de todo el mundo.

International

[eng]

Following the philosophy of “think globally, act locally”, we can offer you high-quality railing systems technically adapted to the demands of any market. Our systems feature unique designs, maximum functionality, and the best practices in logistics and supply.

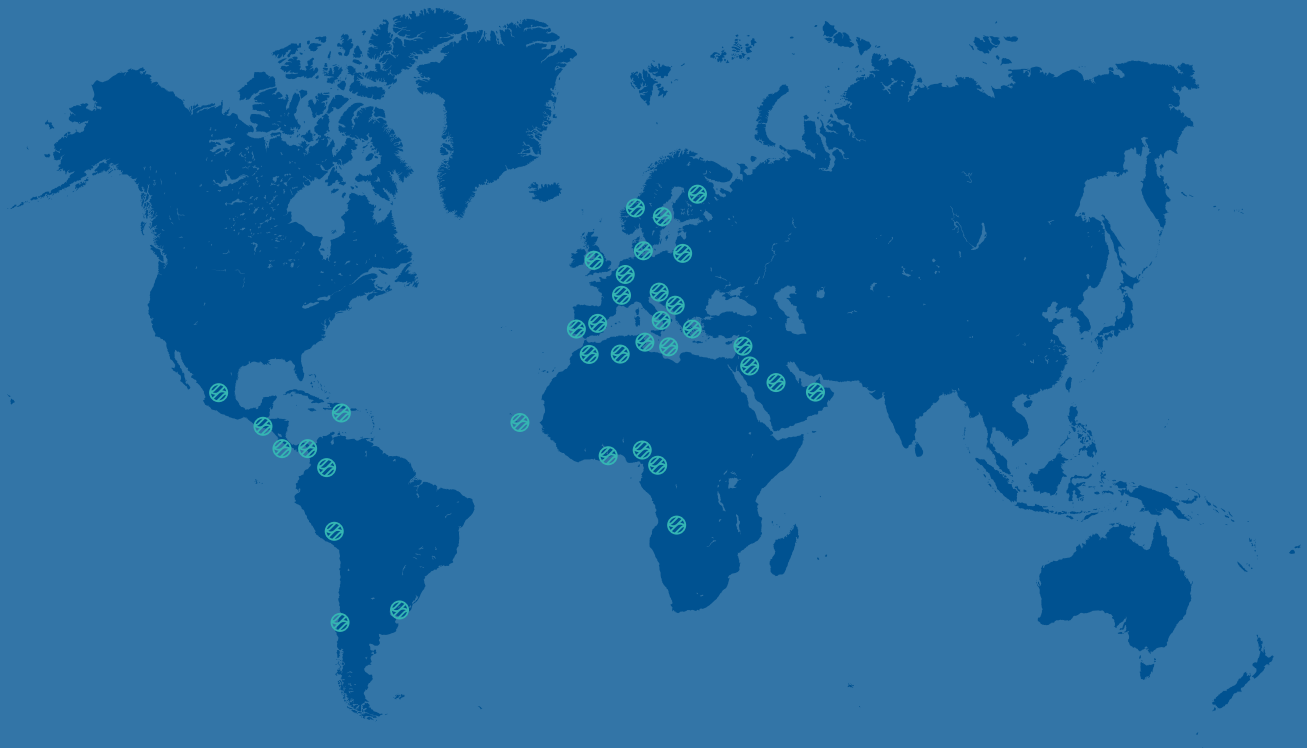
Thanks to the 2000+ customers who have trusted us and relied upon our brand, Comenza railing systems are now being distributed and installed in over 25 countries around the world.

International

[fra]

En réponse à la philosophie “pense globalement, agit localement”, nous vous offrons des systèmes de garde-corps de grande qualité adaptés techniquement aux exigences de chaque marché avec un design unique et une fonctionnalité maximum, et ce dans les meilleurs conditions logistiques et de livraison.

Jusqu'à présent, plus de 2000 clients ont accordé leur confiance à notre entreprise et à notre marque. Les systèmes de garde-corps Comenza sont installés et distribués dans plus de 25 pays à travers le monde.



Ventas / Sales / Ventes

 France	 Slovenia	 Ghana	 Colombia
 United Kingdom	 Italy	 Morocco	 Peru
 Spain	 Croatia	 Algeria	 Dominican Republic
 Portugal	 Greece	 Tunisia	 Guatemala
 Denmark	 Lithuania	 Cape Verde	 Uruguay
 Norway	 Malta	 Mexico	 United Arab Emirates
 Finland	 Nigeria	 Costa Rica	 Saudi Arabia
 Sweden	 Angola	 Panama	 Jordan
 Belgium	 Cameroon	 Chile	 Lebanon



Oficina técnica

[esp]

En Comenza queremos facilitarte la labor de prescripción de nuestros sistemas en tus proyectos de barandillas.

Es por ello que en www.comenza.com podrás encontrar y descargar toda la documentación necesaria como son las memorias descriptivas, detalles constructivos en CAD, objetos BIM, fichas técnicas de anclajes, ensayos y certificados que te permitirán realizar una prescripción perfecta de todos nuestros sistemas de barandillas.

Y si esto no es suficiente, también puedes contar con los servicios personalizados de nuestra oficina técnica cuya misión es la de ayudarte tanto en la selección del sistema de barandilla más adecuado como en el desarrollo técnico necesario para adaptar nuestros productos a tus proyectos.

Technical office

[eng]

At Comenza we want to make it easy for you to find and select the right specifications when incorporating our systems into your railing projects.

This is why at www.comenza.com you can find and download all of the documentation you may need, such as technical specifications, CAD details, BIM objects, anchoring info, and testing reports and certificates, so that you can always make the right decisions in relation to our railing systems.

And if you still have any questions, we also offer personalized services from our technical office. Their mission is to help you select the best railing system to fit your needs, and to follow through with any technical assistance you may require in order to adapt our products to your plans.

Bureau d'étude

[fra]

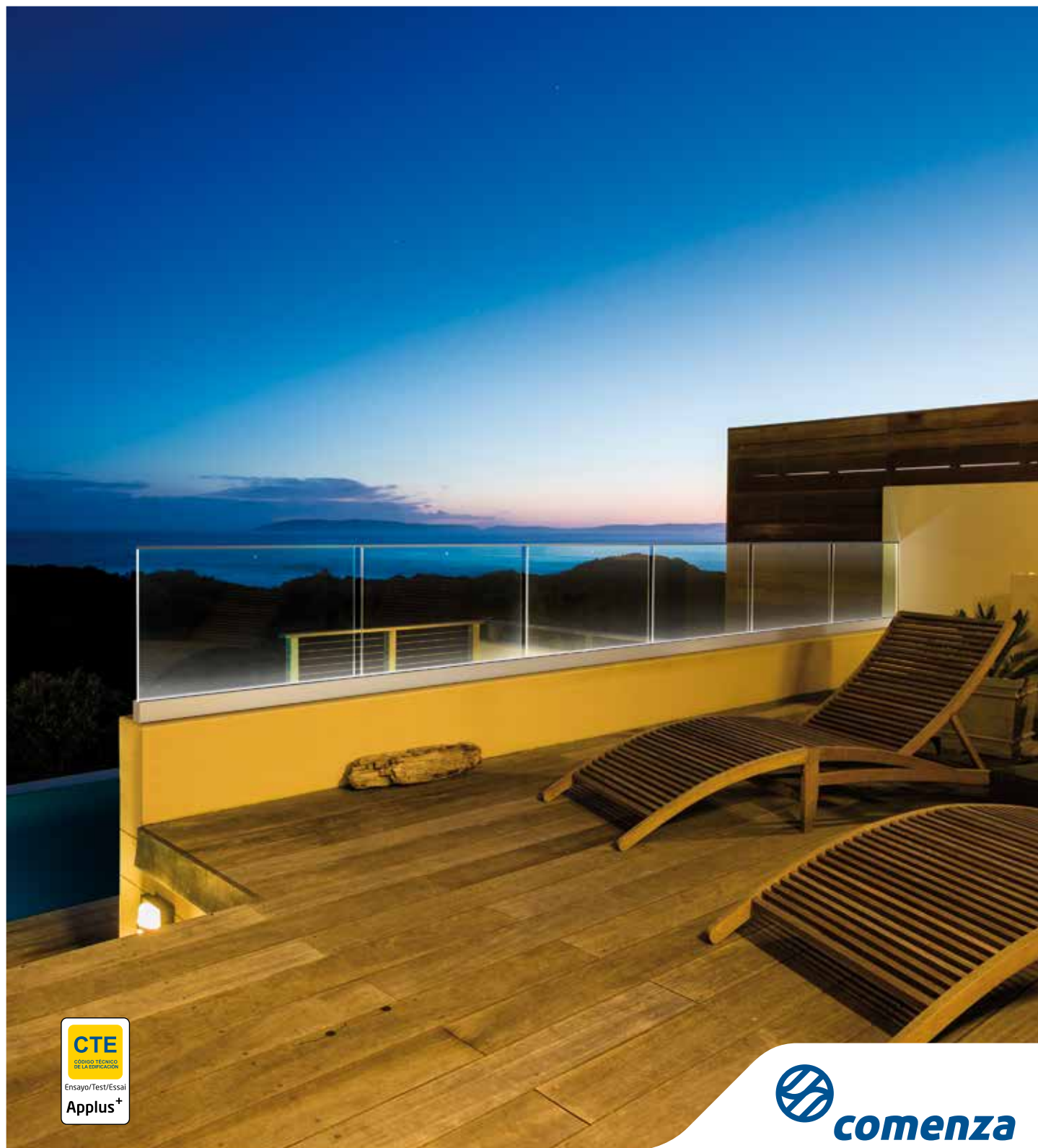
Chez Comenza, nous souhaitons vous faciliter la tâche de prescription de nos systèmes pour vos projets de garde-corps.

Depuis le site www.comenza.com, vous pourrez ainsi trouver et télécharger toute la documentation nécessaire telles que des mémoires descriptifs, des détails de construction en CAD, des objets BIM, des fiches techniques d'ancrages, des essais et des certificats qui vous permettront de réaliser une prescription parfaite de tous nos systèmes de garde-corps.

Pour de plus amples informations, vous pouvez aussi bénéficier du service personnalisé de notre bureau technique dont la mission est de vous aider aussi bien dans la sélection de systèmes de garde-corps que le développement technique nécessaire pour adapter nos produits à vos projets.

Glosario / Glosary / Glossaire

Ref.	Descripción	Description	Description
	Pegamento	Glue	Colle
	Atornillar	Screw	Visser
	Llave de impacto	Impact Wrench	Boulonneuses à chocs
	Accesorio para soldar	Welding fittings	Accessoire pour souder
	Atornillar con llave allen	Screw with an allen key	Visser avec clé allen
	Llave allen corta	Short Allen Key	Clé Allen à tête courte
	Instalacion por golpe	Installation by hammer striking	Installation par coup
	Llave gancho	Hook spanner	Clé à ergot
	Llave pitones	Pin wrench	Clé à pitons
	Llave de vaso hexagonal	Torx socket	Clé à douille
	Llave hexagonal	Hex socket bit	Clé à douille
	Llave dinamométrica	Torque wrench	Clé dynamométrique
	Herramienta para cuñas	Wedge Tool	Outil pour cales
	Rodillo	Roller tool	Rouleau
	Cutter	Cutter	Cutter
	Centrador	Centering Tool	Outil pour centré
	Cinta de doble cara	Double sided tape	Ruban à double face
	Adhesivo-sellante	Sealant-adhesive	Scellement-adhésif
	Acabado Satinado	Satin finish	Finition brossé
	Acabado brillo	Polished finish	Finition Poli
	Acabado gris plata	Finished silver grey	Finition gris argenté
	Qualanod	Qualanod	Qualanod
E	Espesor	Thickness	Épaisseur
G	Espesor del cristal	Thickness of glass	Épaisseur du verre
L/R	Izquierda / derecha	Left / right	Gauche / droite
M	Métrica del tornillo	Dimension of the screw	Métrique de la vis
	Piezas por caja	Number of pieces in each box	Nombre de pièces par caisse
LG	Largo	Long	Long
Ø A	Diámetro del tubo 1	Diameter of the tube 1	Diamètre du tube 1
Ø B	Diámetro del tubo 2	Diameter of the tube 2	Diamètre du tube 2
Ø	Diámetro	Diameter	Diamètre
Ref	Referencia	Reference	Référence
RE	Regulable	Adjustable	Ajustable
	Símbolo cuadrado	Square symbol	Symbole du carré



 **comenza**
Railing Passion



Sistema / System / Système
GlassFit SV-1501
Top

GlassFit

SV-1501 Top

[esp]

El nuevo sistema de barandillas GlassFit SV-1501 Top es adecuado para la instalación de barandillas sometidas a cargas ligeras y por sus dimensiones y diseño se convierte en la opción ideal para colocar sobre murete.

Diseñado conforme a normativas internacionales para usos en espacios públicos y privados, se convierte en la mejor solución para la instalación en terrazas y balcones.

Además, este sistema permite incluir tecnología de iluminación LED que proporciona soluciones de ambientación estética y de señalización.

Este sistema reúne los valores diferenciales de la marca Comenza:

- **Diseño:** Se reduce considerablemente la altura exterior del perfil confiriéndole un aspecto mucho más estético y minimalista.

- **Seguridad:** Nuestro objetivo es garantizar la seguridad del usuario final, cumpliendo todos los requisitos técnicos de carácter legal y reglamentario. Ensayamos nuestros sistemas según normativas internacionales en nuestro laboratorio y certificadoras acreditadas.

- **Facilidad de instalación:** Los notables avances incluidos en este sistema en cuanto a posibilidades de anclaje y mejoras en dimensiones y peso, hacen que sea todavía más fácil y rápido de instalar.

[eng]

The new GlassFit SV-1501 Top railing system is suitable for the installation of balustrades which are subjected to light loads. Due to its dimensions and design, it is the ideal option for placing on low walls.

Designed in accordance with international regulations for use in public and private spaces, it is the best solution for installation on terraces and balconies.

In addition, this system includes LED lighting technology, providing aesthetic and illuminating environment solutions.

This system brings together the differential values of the Comenza brand:

- **Design:** The outer height of the profile is reduced considerably, giving it a much more aesthetic and minimalist appearance.

- **Safety:** Guaranteed safety of all balustrades and rail systems for the client, complying with all legal and regulatory technical requirements. We test our systems in our laboratory in accordance with international regulations and accredited certifiers.

- **Ease of installation:** The remarkable advances included in this system in terms of anchoring possibilities and improvements in dimensions and weight, make it even easier and faster to install.

[fra]

Le nouveau système de garde-corps GlassFit SV-1501 convient pour l'installation de garde-corps soumis à des charges légères; ses dimensions et sa conception en font le choix idéal pour un montage sur un muret.

Conçue selon les normes internationales pour une utilisation dans des espaces publics et privés, voici la meilleure solution pour une installation sur les terrasses et les balcons.

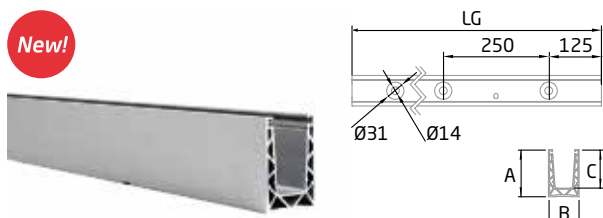
De plus, ce système permet d'inclure la technologie d'éclairage LED fournissant des solutions pour une ambiance esthétique et la signalisation.

Ce système réunit les valeurs qui différencient la marque Comenza :

- **Design:** La hauteur extérieure du profil est considérablement réduite, ce qui lui confère un aspect beaucoup plus esthétique et minimaliste.

- **Sécurité:** Notre objectif est de garantir la sécurité de l'utilisateur final, en respectant tous les prérequis techniques de nature juridique et réglementaire. Nous testons nos systèmes selon les normes internationales dans notre laboratoire et chez des certificateurs accrédités.

- **Facilité d'installation:** Les progrès remarquables dont bénéficie ce système au niveau des fixations et de l'amélioration des dimensions et du poids le rendent encore plus facile et plus rapide à installer.

**SV-1501 ANODIZED ALUMINIUM**

	LG	A	B	C
1	2500	85	55	69
1	5000	85	55	69

Ver opciones de colores RAL en páginas 72

See available RAL colours on pages 72

Voir les options de couleurs RAL disponibles à la page 72

**Normativa/Regulation/Norme****Uso/Use/Usage**

Privado / Private / Privé



Público / Public / Public

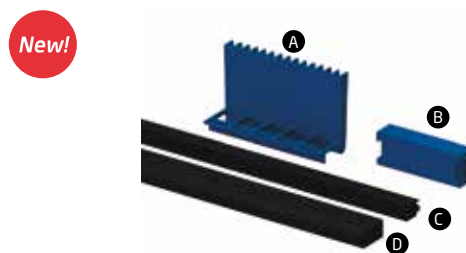
Aglomeraciones /
Agglomerations / Agglomérations

Normativa válida para una altura máxima de 700mm.

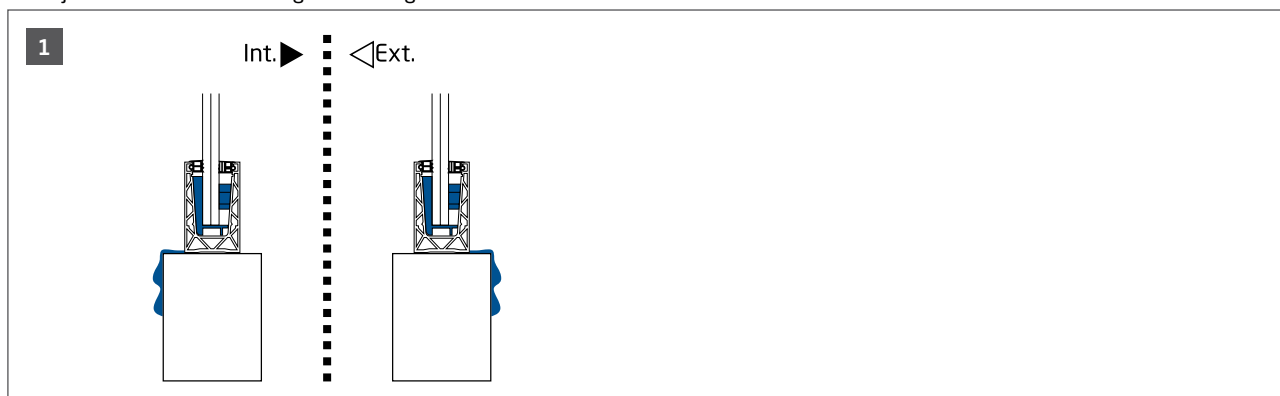
Regulations valid for a maximum height of 700 mm.

Norme valable pour une hauteur maximale de 700 mm.

ESP	0,8 kN/m	HUS-HR 10X105 45/35/10	Cracked / Uncracked
ESP	0,8 kN/m	HUS3-H 10X1010 55/35/25	Cracked / Uncracked
ESP	0,8 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-934 M10	Cracked / Uncracked

**PL-150**

	A/Uds	B/Uds	C (LG)	D (LG)	G
1	10	10	2500	2500	9,5-10
1	10	10	2500	2500	12,38-12,76
1	13	13	2500	2500	16,38-16,76

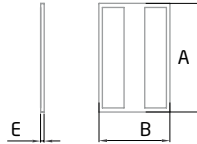
**Drenaje interior / Inner drainage / Drainage intérieur****SV-1501**

**BR-2041**

1

**BR-2039**

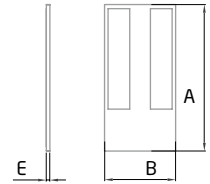
1

New!**PM-1516** ANODIZED ALUMINIUM

1

A
85B
55E
2

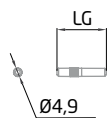
*Included

New!**PM-1517** ANODIZED ALUMINIUM

1

A
206B
64E
2

*Included



PM-01 AISI-316



10

LG

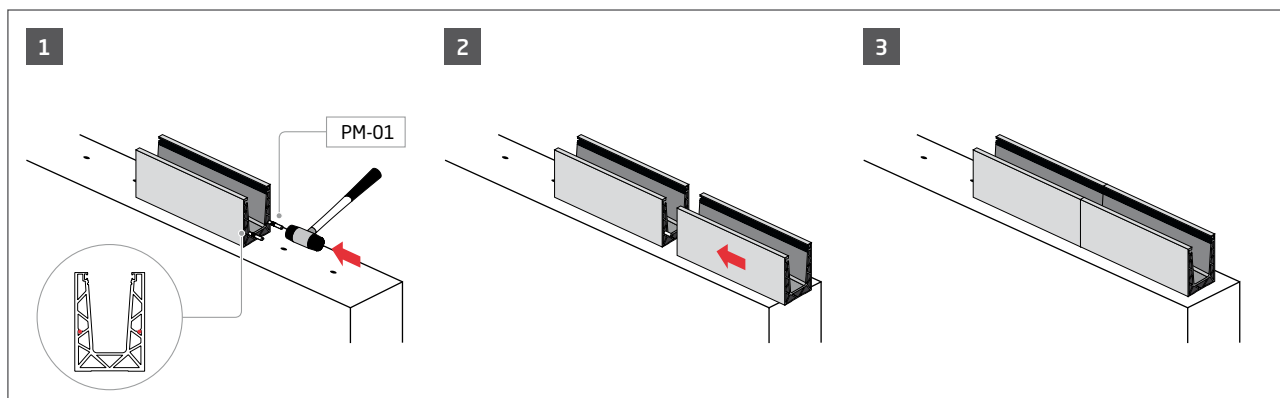
30

Pin de unión.
Joiner pin.
Boulon d'union.

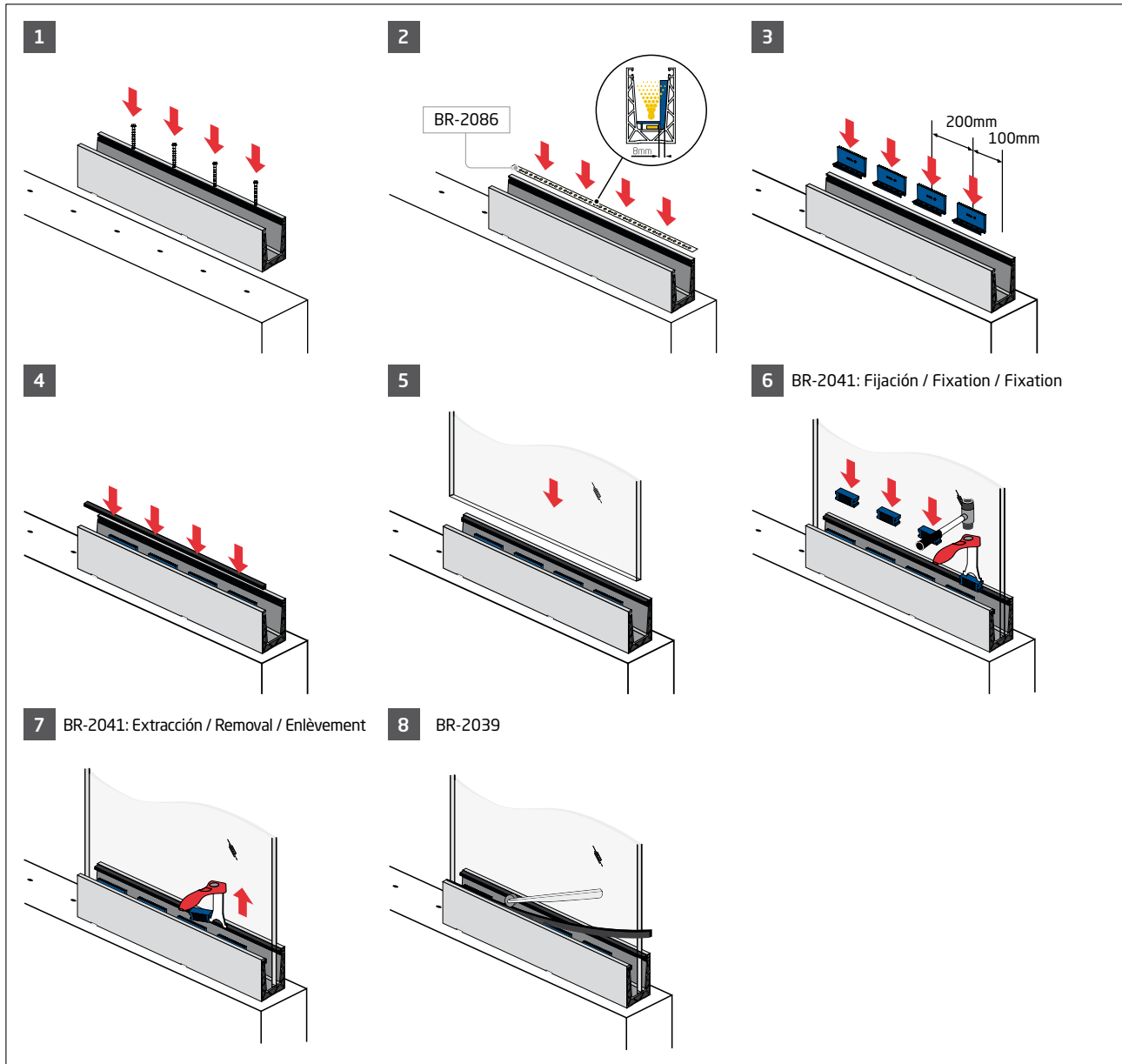


Instalación / Installation / Installation

PM-01



Instalación / Installation / Installation





Sistema / System / Système
**GlassFit SV-1801
Top**

GlassFit

SV-1801 Top

[esp]

El nuevo sistema de barandillas GlassFit SV-1801 Top permite la instalación en zonas que soportan grandes aglomeraciones de gente como estadios, salas de concierto o estaciones de tren, y en zonas sujetas a fuertes cargas de viento como azoteas, balcones o miradores. Este sistema ha sido diseñado conforme a normativas internacionales para usos en espacios públicos y privados.

Además de los habituales sistemas de drenaje interior, kits de acristalamiento, tapas y accesorios, este sistema permite incluir tecnología de iluminación LED que proporciona soluciones de ambientación estética y de señalización.

- **Diseño:** El hueco del perfil y el kit de acristalamiento han sido especialmente diseñados para posibilitar el montaje de vidrios con un espesor de hasta 31,52mm.

- **Seguridad:** Nuestro objetivo es garantizar la seguridad del usuario final, cumpliendo todos los requisitos técnicos de carácter legal y reglamentario. Ensayamos nuestros sistemas según normativas internacionales en nuestro laboratorio y certificadoras acreditadas.

- **Facilidad de instalación:** Los notables avances incluidos en este sistema en cuanto a posibilidades de anclaje y mejoras en dimensiones y peso, hacen que sea fácil de instalar y con menor huella medioambiental.

[eng]

The new GlassFit SV-1801 Top railing system allows installation in areas that support large crowds of people such as stadiums or concert halls, and in areas exposed to adverse weather conditions such as strong wind loads on roofs, balconies, viewpoints, viewing platforms and spectator areas. This system has been designed in accordance with international regulations for use in public and private spaces.

In addition to the usual interior drainage systems of the profile, glazing kits, end caps and accessories, this system includes LED lighting technology, providing aesthetic and illuminating environment solutions.

- **Design:** The profile hole and the glazing kit have been specially designed to allow the assembly of glass with a thickness of up to 31.52mm.

- **Safety:** Guaranteed safety of all balustrades and rail systems for the client, complying with all legal and regulatory technical requirements. We test our systems in our laboratory in accordance with international regulations and accredited certifiers.

- **Ease of installation:** The remarkable advances included in this system in terms of anchoring possibilities and improvements in dimensions and weight, allow a simpler installation while offering a more environmentally friendly product, therefore reducing the environmental footprint.

[fra]

Le nouveau système de garde-corps GlassFit SV-1801 permet son installation dans des endroits qui accueillent de grandes agglomérations de foules comme les stades ou les salles de concert, ou des endroits exposés à des conditions météorologiques défavorables comme à de fortes rafales de vent sur les toits, les balcons ou les belvédères. Ce système a été conçu conformément aux normes internationales pour une utilisation dans les espaces publics et privés.

Font partis du système les compléments habituels comme le drainage des profilés intérieurs, les kits de vitrage, les embouts et les accessoires, ce système permet l'intégration de la technologie d'éclairage LED qui fournit une ambiance esthétique et des solutions de signalisation.

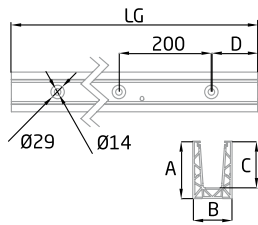
- **Design:** La conception du profilé et le kit de vitrage permettent l'installation de verres d'une épaisseur maximale de 31,52 mm.

- **Sécurité:** Notre objectif est de garantir la sécurité de l'utilisateur final, en respectant tous les prérequis techniques de nature juridique et réglementaire. Nous testons nos systèmes selon les normes internationales dans notre laboratoire et chez des certificateurs accrédités.

- **Facilité d'installation:** Les avancées notables comprises dans ce système en termes de possibilités de fixation et d'amélioration des dimensions et du poids offrent une installation plus simple tout en proposant un produit plus respectueux de l'environnement en réduisant l'empreinte écologique.



New!



SV-1801 ANODIZED ALUMINIUM



	LG	A	B	C	D
1	2500	123	85	100	50
1	5000	123	85	100	100

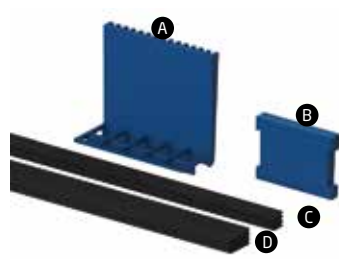
Ver opciones de colores RAL en páginas 72
See available RAL colours on pages 72
Voir les options de couleurs RAL disponibles à la page 72



Normativa/Regulation/Norme	Uso/Use/Usage
—	Privado / Private / Privé
—	Público / Public / Public
	Aglomeraciones / Agglomerations / Agglomérations

 ESP	3,0 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12 + DIN-934 M12	Cracked / Uncracked
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New!



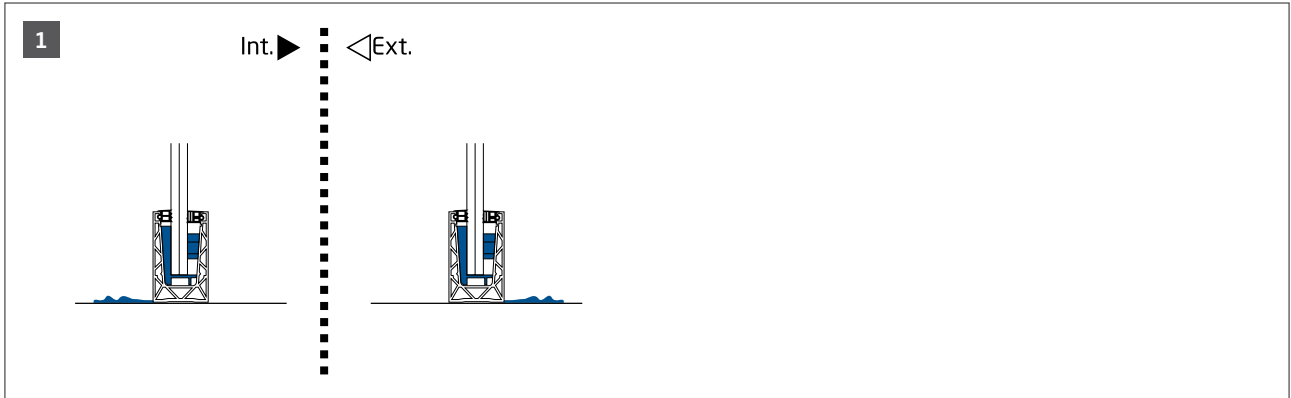
PL-180

	A/Uds	B/Uds	C (LG)	D (LG)	G
1	15	15	2500	2500	25,52
1	15	15	2500	2500	30,38-30,76



Drenaje interior / Inner drainage / Drainage intérieur

SV-1801





BR-2041


1

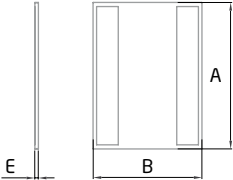


BR-2039


1

New!





PM-1816 ANODIZED ALUMINIUM 

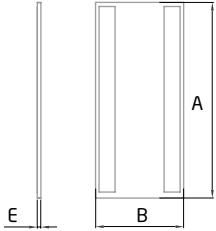


A	B	E
123	85	2

 *Included

New!



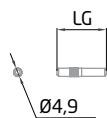


PM-1817 ANODIZED ALUMINIUM 



A	B	E
175	85	2

 *Included



PM-01 AISI-316



10

LG

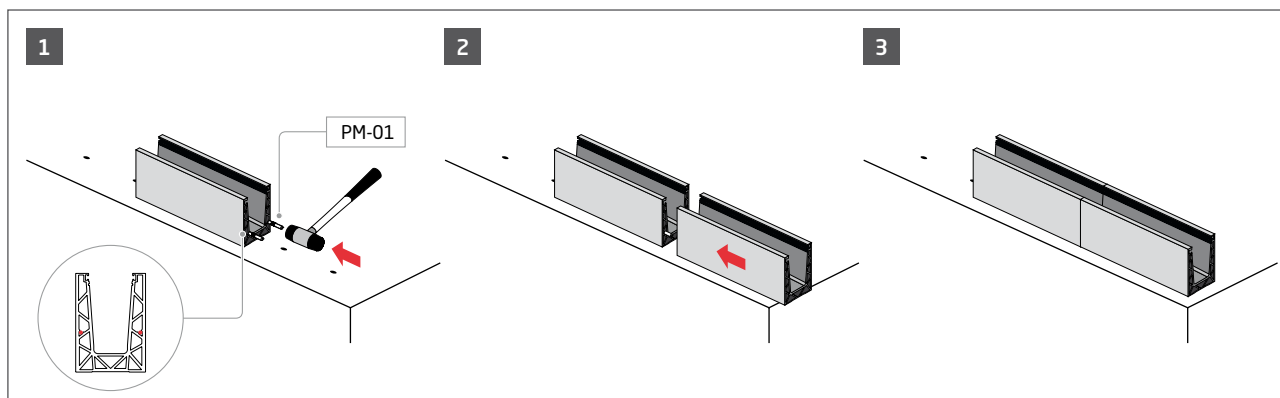
30

Pin de unión.
Joiner pin.
Boulon d'union.

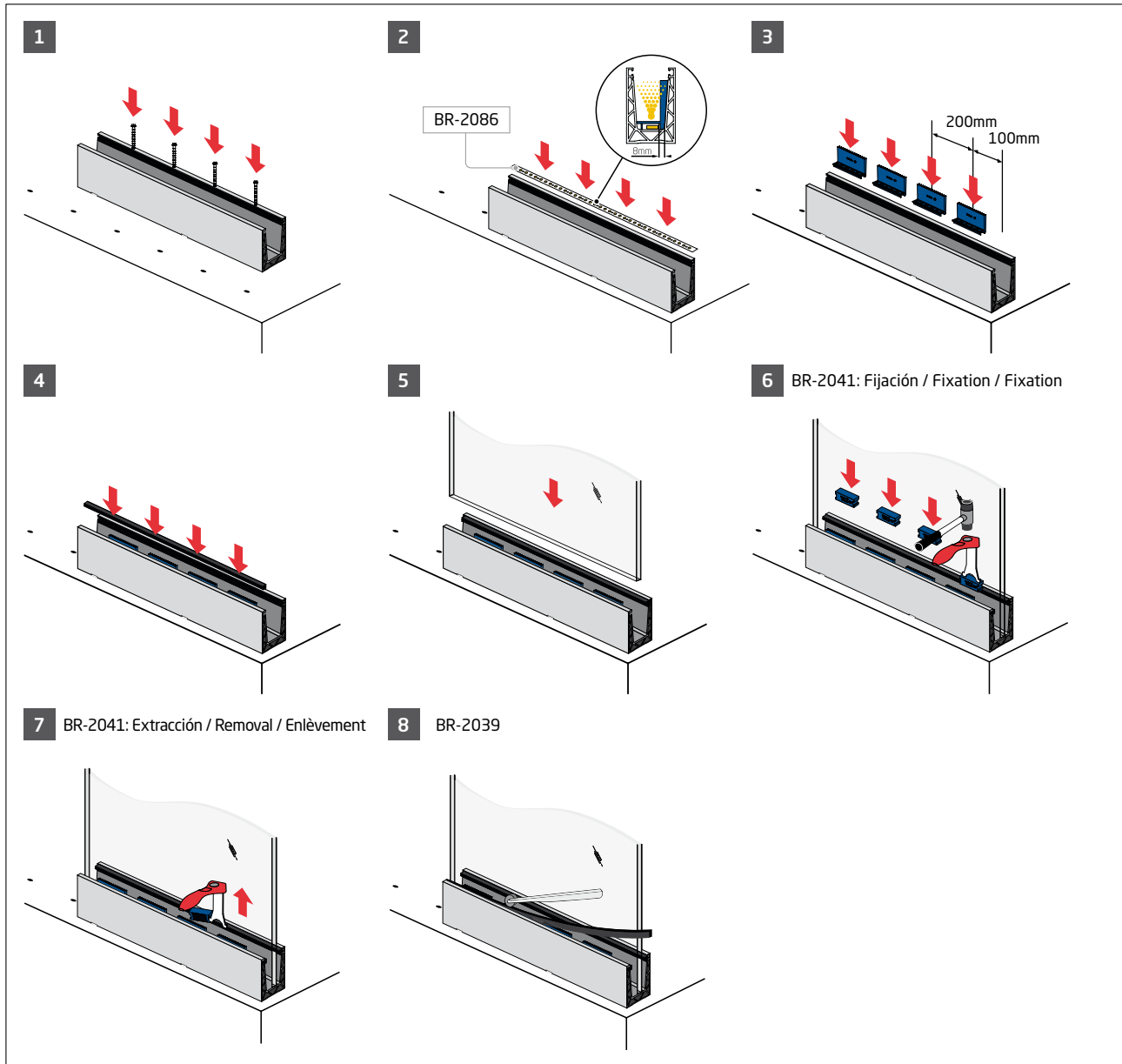


Instalación / Installation / Installation

PM-01



Instalación / Installation / Installation





[esp]

Una vez más el trabajo de nuestro departamento de I+D+I da como resultado una innovación sólo al alcance de empresas y marcas innovadoras como es el caso de Comenza.

En esta ocasión hemos conseguido desarrollar un dispositivo que ahorrará a los instaladores de barandillas de vidrio Comenza tiempo y dinero, y que en definitiva les permitirá competir en el mercado más y mejor.

El dispositivo **Level-In** elimina el gran inconveniente de los dispositivos tradicionales de cuñas fijas, la imposibilidad de nivelar los vidrios y además consigue que esa nivelación sea económica, fácil, rápida y segura.

Ventajas y beneficios:

- Compatible con SV-1401 Top, SV-1402 Side, SV-1403 Top y SV-1404 Side
- Nivelación de $\pm 1^\circ$ y fijación de los vidrios ultra sencilla con cuñas de presión. No se necesitan útiles ni herramientas especiales.
- El acristalamiento de la barandilla se realiza siempre desde el interior. No es necesario colocar andamios exteriores.
- No existe flecha residual. Gracias al dispositivo de seguridad de la "top wedge", cuando la barandilla se somete a cargas lineales, el vidrio recupera su posición original de manera natural.

[eng]

Once again, the innovations at Comenza's R&D Department are taking place at a level only achieved by the most innovative companies and brands.

In our most recent case, we have developed a device that will save both time and money for those who are installing Comenza's glass railings, significantly improving their ability to compete in the market.

The **Level-In** device eliminates a serious inconvenience seen with traditional fixed-wedge systems, and it simplifies leveling of the glass pane by making this process quick, easy, economical and safe.

Advantages and benefits:

- Compatible with SV-1401 Top, SV-1402 Side, SV-1403 Top, and SV-1404 Side.
- $\pm 1^\circ$ leveling and ultra-simple attachment of glass panes using pressure wedges, with no special tools or equipment required.
- The glass is always installed on the railing from the inside, so there is no need to put up exterior scaffolding.
- There is no residual deflection. Thanks to the safety device of the "top wedge", when the railing is subjected to linear loads it recovers its original position in a natural manner.

[fra]

Une fois de plus, l'élan innovateur du département R&D&I de Comenza la distingue comme un acteur clé parmi les entreprises et les marques innovatrices du secteur.

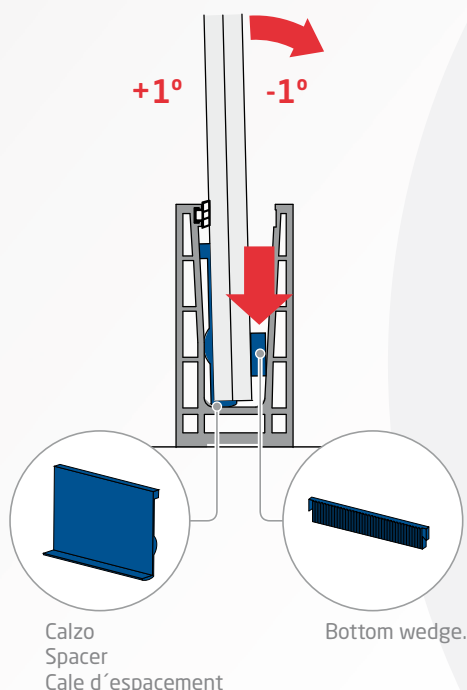
Très récemment, nous avons développé un dispositif qui permet aux installateurs de garde-corps en verre de Comenza d'économiser du temps, de l'argent, et de devenir un redoutable concurrent sur le marché.

Le dispositif Level-In élimine l'un des grands inconvénients des dispositifs traditionnels à cales fixes, à savoir l'impossibilité de niveler les verres, et assure un nivellement économique, facile, rapide et sûr.

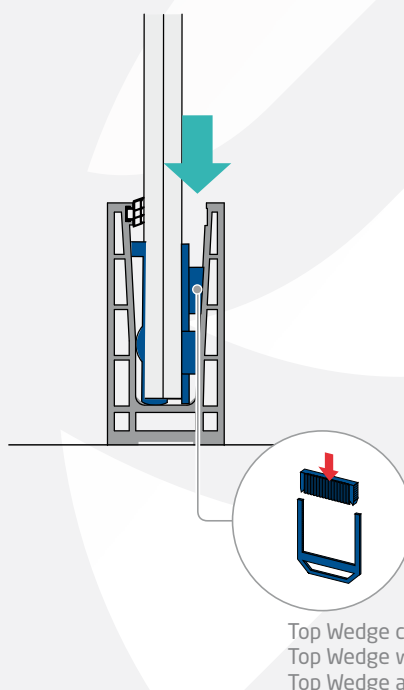
Avantages et bénéfices:

- Compatible avec SV-1401 Top, SV-1402 Side, SV-1403 Top et SV-1404 Side.
- Nivellement de $\pm 1^\circ$ et fixation ultra-simple des verres au moyen de cales de pression, sans le besoin d'outils ni d'équipements spéciaux.
- Le verre est toujours fixé sur le garde-corps depuis l'intérieur. L'utilisation d'échafaudage extérieur n'est donc pas nécessaire.
- Il n'existe pas de flèche résiduelle. Grâce au dispositif de sécurité du "top wedge", lorsque le garde-corps est soumis à une charge linéaire, le verre récupère sa position originale de façon naturelle.

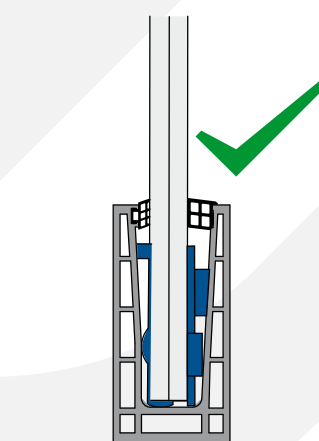
1 Nivelación del vidrio Glass levelling Nivellement du verre

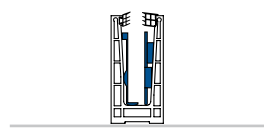
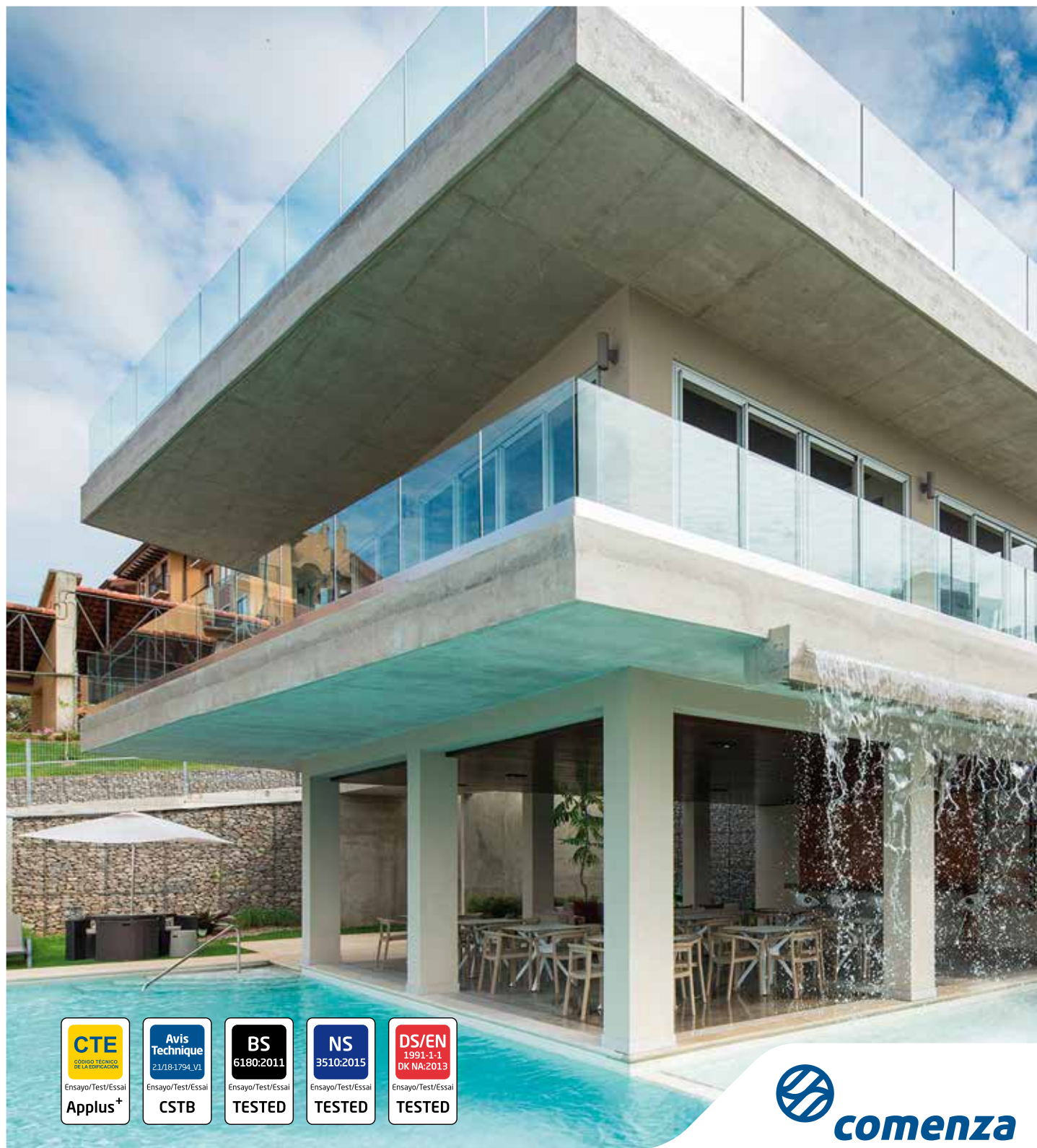


2 Bloqueo del vidrio Glass Blockage Blocage du verre



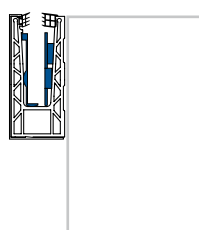
3 Fijación del vidrio Glass Fixation Fixation du verre





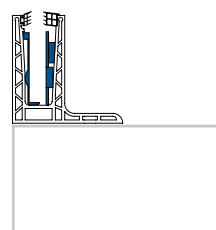
Sistema / System / Système
**GlassFit SV-1401
Top**

⋮



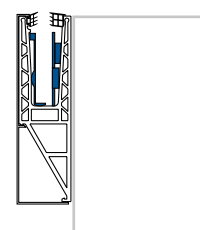
Sistema / System / Système
**GlassFit SV-1402
Side**

⋮



Sistema / System / Système
**GlassFit SV-1403
Top**

⋮



Sistema / System / Système
**GlassFit SV-1404
Side**

GlassFit

SV-1401 Top / SV-1402 Side / SV-1403 Top / SV-1404 Side

[esp]

La nueva línea de perfiles GlassFit de Comenza permite a nuestros clientes adaptarse a prácticamente todas las posibles situaciones de instalación en obra: montaje superior (SV-1401 Top, SV-1403 Top) y montaje lateral (SV-1402 Side, SV-1404 Side).

Esta nueva línea de perfiles fabricada en aluminio 6063 T6 viene acompañada de una completa gama de accesorios, tapas y complementos que harán la instalación de nuestros sistemas de barandillas más fácil y más segura.

Además, los nuevos perfiles son más robustos y seguros y te permitirán abordar instalaciones tanto en espacios de uso privado (balcones hoteles, vivienda unifamiliar) como de uso público (centros comerciales, edificios públicos, rooftop hoteles etc).

[eng]

The new GlassFit line of profiles from Comenza can always be adapted to the specific on-site installation needs of our clients, in almost any possible installation scenario including top mounting (SV-1401 Top, SV-1403 Top) and side mounting (SV-1402 Side, SV-1404 Side).

This new line of profiles is manufactured in aluminium 6063 T6 and it includes a full range of accessories, end caps, and complementary parts that make installation of our railing systems even easier and safer.

In addition to being stronger and safer, these new profiles can be installed at all kinds of residential sites (hotel balconies, single-family homes) as well as in public projects (shopping centers, public buildings, hotel rooftop terraces, etc.).

[fra]

La nouvelle ligne de profils GlassFit de Comenza a été conçue pour s'adapter à la plupart des plans d'exécution de nos clients: pose à la française (SV-1401 Top, SV-1403 Top) et pose à l'anglaise (SV-1402 Side, SV-1404 Side).

Cette nouvelle ligne de profils fabriquée en aluminium 6063 T6 comprend une gamme complète d'accessoires, d'embouts de finition et de compléments qui permettent une installation facile et sûre de nos systèmes de garde-corps.

Grâce à un design robuste et sûr, les nouveaux profils seront vos meilleurs alliés aussi bien dans vos ouvrages résidentiels (balcons hôtels, maisons individuelles) que publics (centres commerciaux, bâtiments publics, rooftop hôtels, etc.).

Ventajas y beneficios:

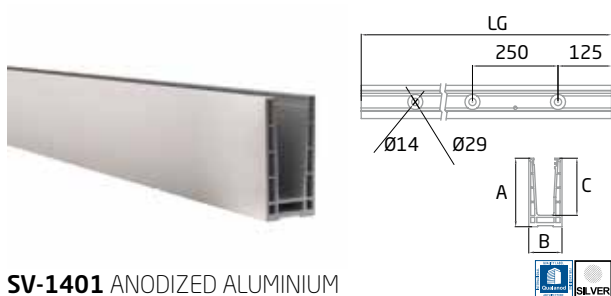
- Ensayos de carga lineal conforme a las normativas británica (BS 6180), francesa (Avis Technique 2.1/18-1794_V1 / CSTB), española (CTE), noruega (NS) y danesa (DS/EN) para usos públicos y privados.
- Sólo se necesitan cuatro anclajes por metro lineal.
- Permite anclaje a hormigón, metal y madera.
- Drenaje interior. En caso de que el agua penetre en el interior los perfiles permiten el paso del agua.
- Perfiles SV-1403 Top y SV-1404 Side permiten la instalación en el borde del forjado y con mayores recorridos.

Advantages and benefits:

- Linear load testings according to British (BS 6180), French (Avis Technique 2.1/18-1794_V1 / CSTB), Spanish (CTE), Norwegian (NS) and Danish (DS/EN) regulations, both for public and private uses.
- Only four anchors per meter are needed
- Allow anchoring to concrete, metal and wood.
- Internal drainage. If water happens to get inside of the profiles, it will be able to drain out.
- The SV-1403 Top and SV-1404 Side profiles allow for installation directly to the edge of the building's structure and higher grout thickness.

Avantages et bénéfices :

- Essais de charge linéaire testées selon normative britannique (BS 6180), française (Avis Technique 2.1/18-1794_V1 / CSTB), espagnole (CTE), norvégienne (NS) et danoise (DS/EN), pour les utilisations dans les espaces publics et privés.
- Uniquement quatre ancrages par mètre linéal.
- Permettre ancrage sur béton, métal et bois.
- Drainage intérieur. En cas d'infiltration d'eau à l'intérieur des profils, ceux-ci laissent passer l'eau.
- Les profils SV-1403 Top et SV-1404 Side permettent d'installer directement sur le bord du plancher et une plus épaisseur de la couche de ragréage.

**SV-1401 ANODIZED ALUMINIUM**

	LG	A	B	C
1	2500	132	64	110
1	5000	132	64	110

SV-1401 RAW ALUMINIUM / MILL FINISH

	LG	A	B	C
1	5000	132	64	110

Ver opciones de colores RAL en páginas 72

See available RAL colours on pages 72

Voir les options de couleurs RAL disponibles à la page 72

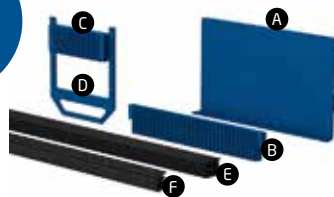
**Normativa/Regulation/Norme****Uso/Use/Usage**

Privado / Private / Privé



Público / Public / Public

—

Aglomeraciones /
Agglomerations / Agglomérations**PL-14**

	A/Uds	B/Uds	C/Uds	D/Uds	E (LG)	F (LG)	G
1	10	10	9	9	2500	2500	16,76
1	10	10	9	9	2500	2500	17,52
1	10	10	9	9	2500	2500	20,76
1	10	10	9	9	2500	2500	21,52

Ver instrucciones de instalación en páginas 56

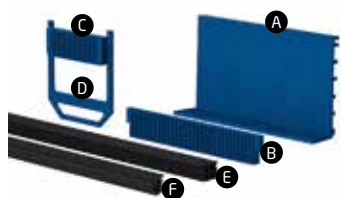
See installation guide on pages 56

Voir les instructions d'installation aux pages 56

Regulable.

Adjustable.

Ajustable.

**PL-15**

	A/Uds	B/Uds	C/Uds	D/Uds	E (LG)	F (LG)	G
1	10	10	9	9	2500	2500	20,76
1	10	10	9	9	2500	2500	21,52

No regulable.

Not adjustable.

Non ajustable.

**Normativa/Regulation/Norme****Uso/Use/Usage**

—

Privado / Private / Privé



Público / Public / Public

—

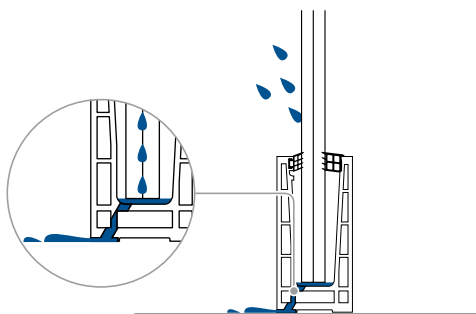
Aglomeraciones /
Agglomerations / Agglomérations

**BR-2041****BR-2039**

Drenaje interior / Inner drainage / Drainage intérieur

SV-1401

1

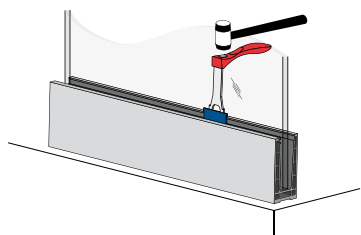


Instalación / Installation / Installation

BR-2039 / BR-2041

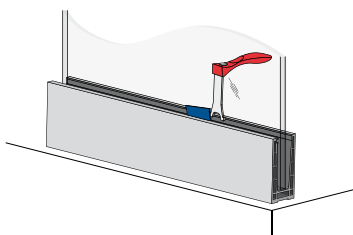
1

BR-2041: Fijación / Fixation / Fixation



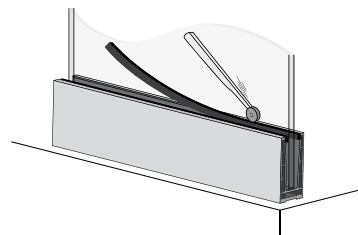
2

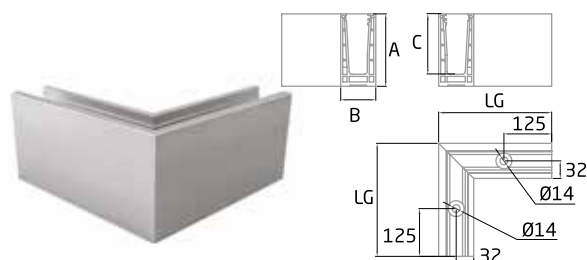
BR-2041: Extracción / Removal / Enlèvement



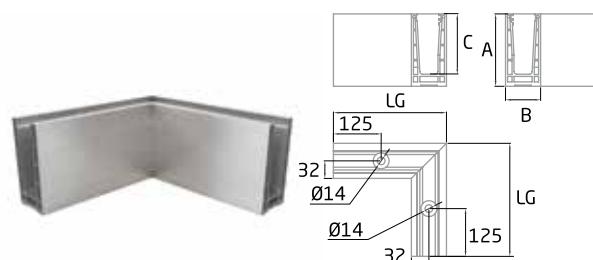
3

BR-2039



**SV-1401 C OUTSIDE** ANODIZED ALUMINIUM

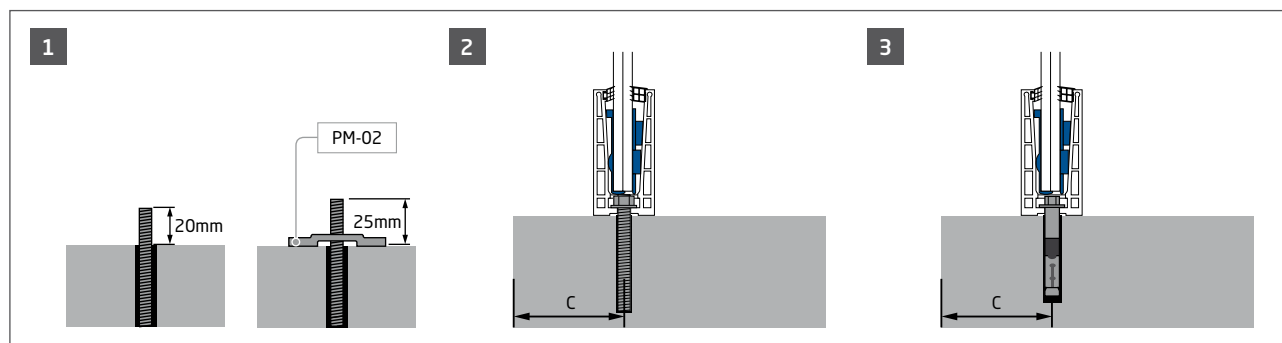
	1	LG	A	B	C
	1	240	132	64	110

**SV-1401 C INSIDE** ANODIZED ALUMINIUM

	1	LG	A	B	C
	1	240	132	64	110



Posibilidades de anclaje SV-1401 / Anchoring possibilities for the SV-1401 / Possibilités d'ancrage SV-1401



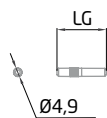
- C. Consultar distancia recomendada en función de normativa y carga de aplicación.
Check recommended distance according to the building regulations and required loads.
Consulter la distance recommandée selon la normatif du bâtiment et la charge demandé.

ESP	0,8 kN/m	HUS-HR 10X105 45/35/15	Cracked / Uncracked
ESP	0,8 kN/m	HUS3-H 10X110 55/35/25	Cracked / Uncracked
ESP	0,8 kN/m	FH II-S M8X105 (B.12)	Cracked / Uncracked
ESP	0,8 - 1,6 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked
FRA	1 kN/m	HUS-HR 10X105 45/35/15	Cracked / Uncracked
FRA	1 kN/m	HUS3-H 10X110 55/35/25	Cracked / Uncracked
FRA	1 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked
UK	0,74 - 1,5 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked
DK	0,5 - 1,0 kN/m	HUS-HR 10X105 45/35/15	Cracked / Uncracked
DK	0,5 - 1,0 kN/m	HUS3-H 10X110 55/35/25	Cracked / Uncracked
DK	0,5 - 1,0 kN/m	FH II-S M8X105 (B.12)	Cracked / Uncracked
DK	0,5 - 1,0 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked
NO	1,0 - 1,5 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked

- * Consultar idoneidad de usos según parámetros de instalación.
Consult adequacy of uses according to installation parameters.
Vérifier la pertinence de l'utilisations par rapport au paramètres d'installation.

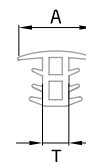
- * Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

- * Calidad recomendada de hormigón comprimido y traccionado C25/30.
Recommended quality for uncracked/cracked concrete C25/30.
Qualité recommandé du béton comprimé et en traction C25/30.

**PM-01** AISI-316

	LG
	30

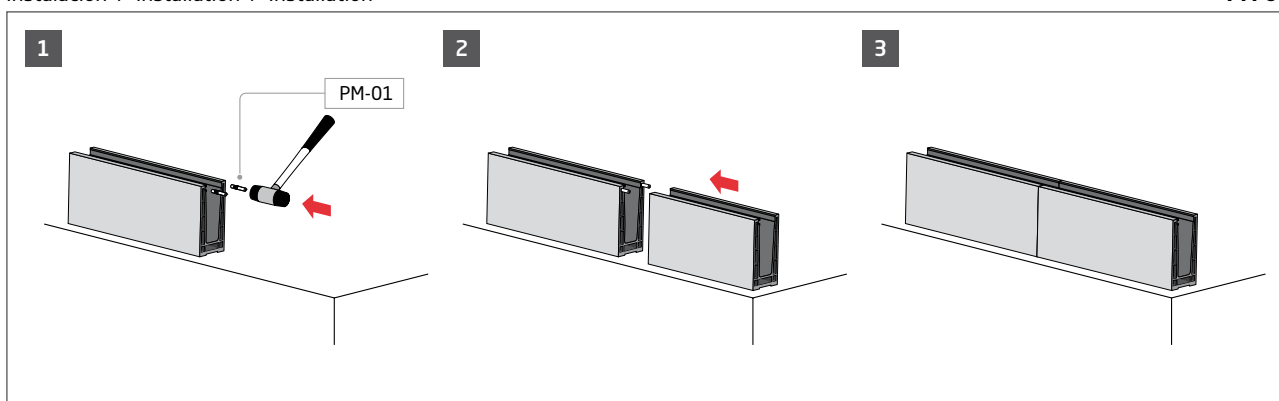
Pin de unión.
Joiner pin.
Boulon d'union.

**PL-06**

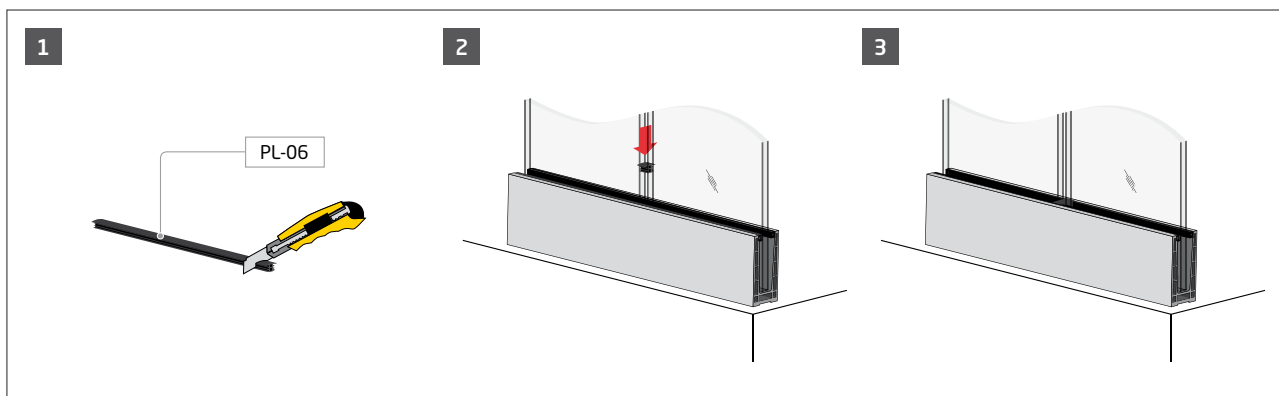
	LG	A	T
	1000	29	16,38-21,52

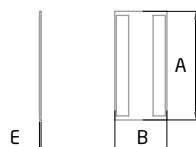


Instalación / Installation / Installation

PM-01

Instalación / Installation / Installation

PL-06



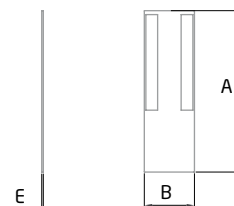
PM-10 ANODIZED ALUMINIUM



	A	B	E
1	132	64	2



*Included



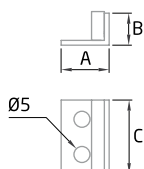
PM-11 ANODIZED ALUMINIUM



	A	B	E
1	206	64	2



*Included



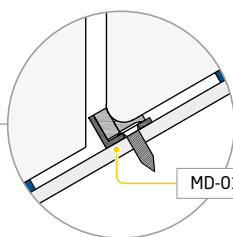
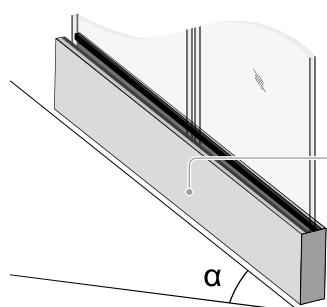
MD-01

	A	B	C	E
2	15	10	23	1,5

Instalación / Installation / Installation

MD-01

1



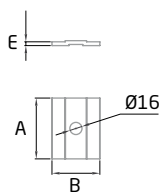
MD-01



Dispositivo de seguridad para evitar el deslizamiento del vidrio en instalaciones inclinadas.

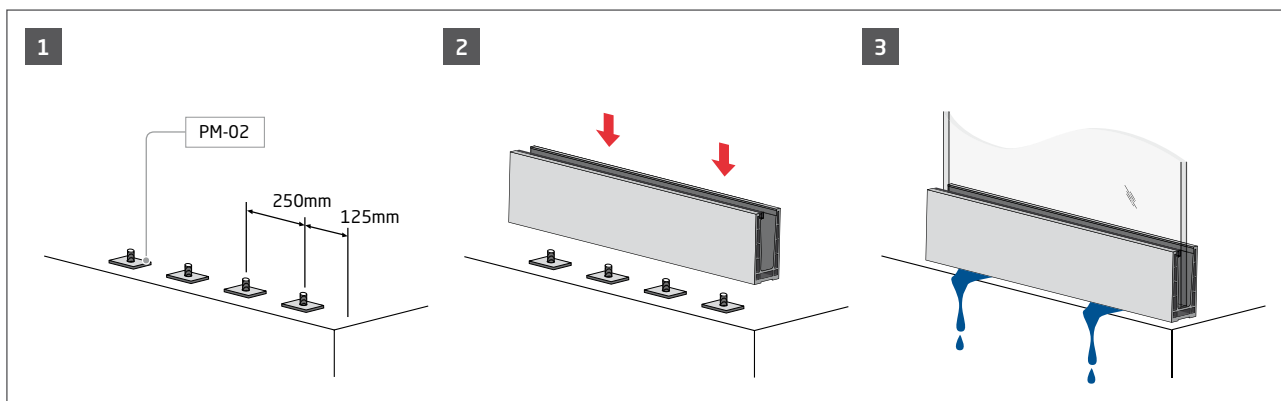
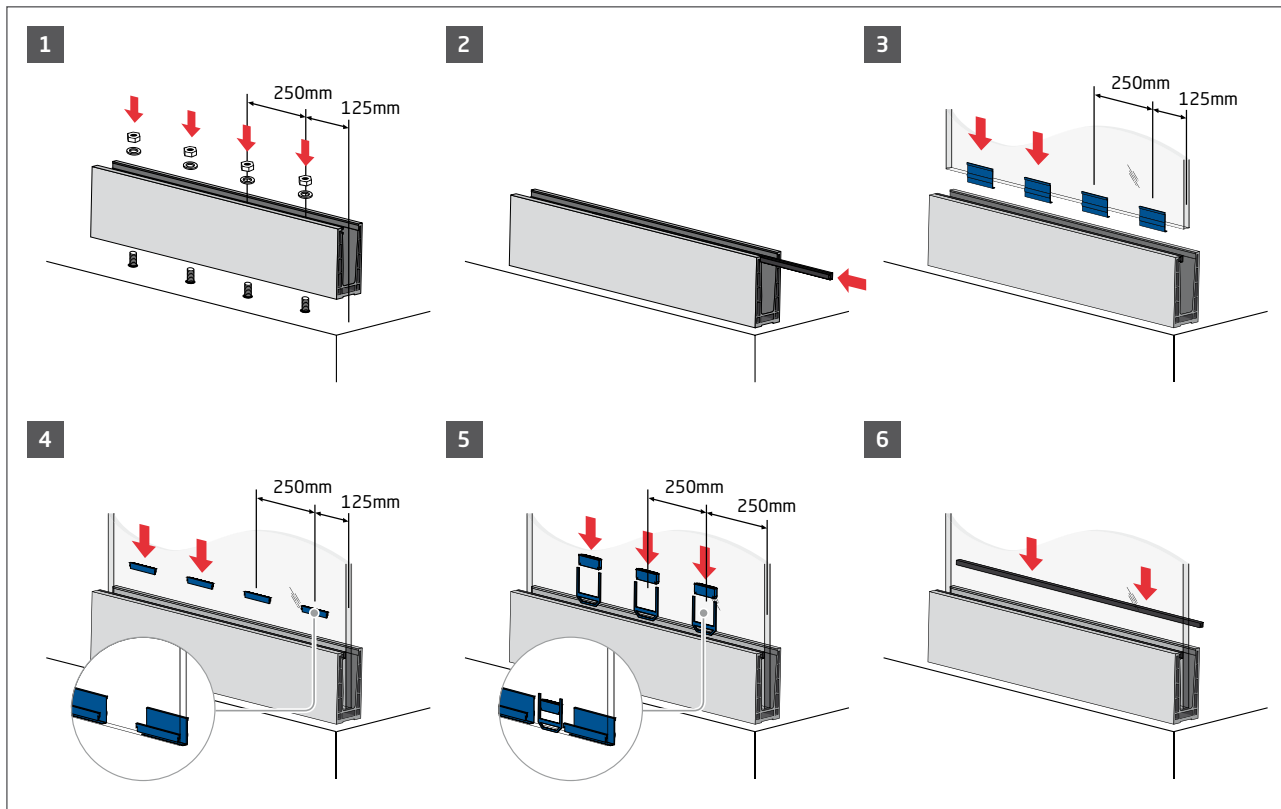
Safety device to avoid sliding of glass pane installed on sloping sections.

Dispositif de sécurité qui permet d'éviter le glissement des volumes de verre sur une installation en plan incliné.

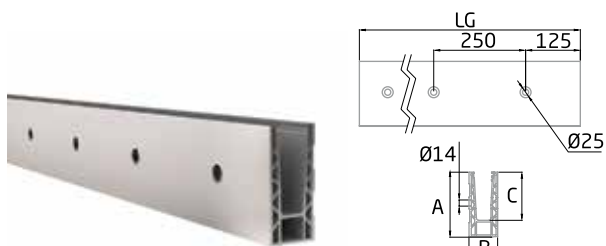
**PM-02 ANODIZED ALUMINIUM**

	A	B	E
10	80	63	5

Perfil de drenaje.
Profile for drainage.
Profil de drainage.

Instalación / Installation / Installation**PM-02****Instalación / Installation / Installation****SV-1401**

Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com

**SV-1402 ANODIZED ALUMINIUM**

	LG	A	B	C
1	2500	149	65,5	110
1	5000	149	65,5	110

**Normativa/Regulation/Norme****Uso/Use/Usage**

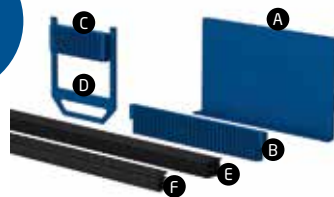
Privado / Private / Privé



Público / Public / Public



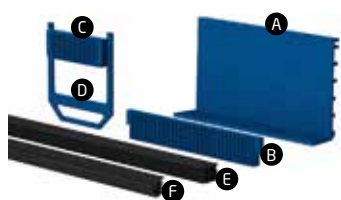
Agglomeraciones / Agglomerations / Agglomérations

**PL-14**

	A/Uds	B/Uds	C/Uds	D/Uds	E (LG)	F (LG)	G
1	10	10	9	9	2500	2500	16,76
1	10	10	9	9	2500	2500	17,52
1	10	10	9	9	2500	2500	20,76
1	10	10	9	9	2500	2500	21,52

Ver instrucciones de instalación en páginas 56
See installation guide on pages 56
Voir les instructions d'installation aux pages 56

Regulable.
Adjustable.
Ajustable.

**PL-15**

	A/Uds	B/Uds	C/Uds	D/Uds	E (LG)	F (LG)	G
1	10	10	9	9	2500	2500	20,76
1	10	10	9	9	2500	2500	21,52

No regulable.
Not adjustable.
Non ajustable.

**Normativa/Regulation/Norme****Uso/Use/Usage**

Privado / Private / Privé



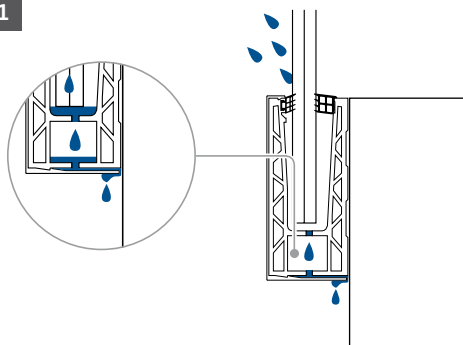
Público / Public / Public



Agglomeraciones / Agglomerations / Agglomérations

**BR-2041****BR-2039**

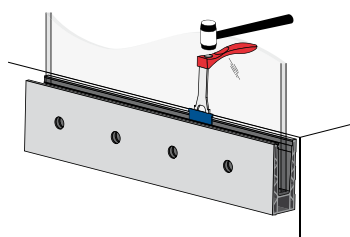
Drenaje interior / Inner drainage / Drainage intérieur

SV-1402**1**

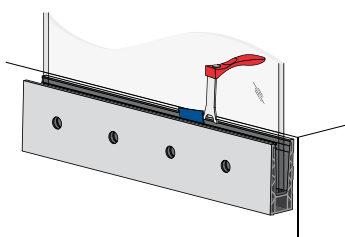
Instalación / Installation / Installation

BR-2039 / BR-2041**1**

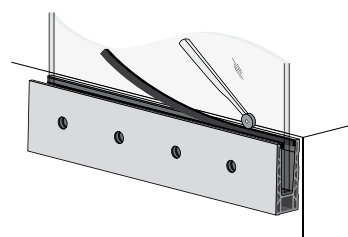
BR-2041: Fijación / Fixation / Fixation

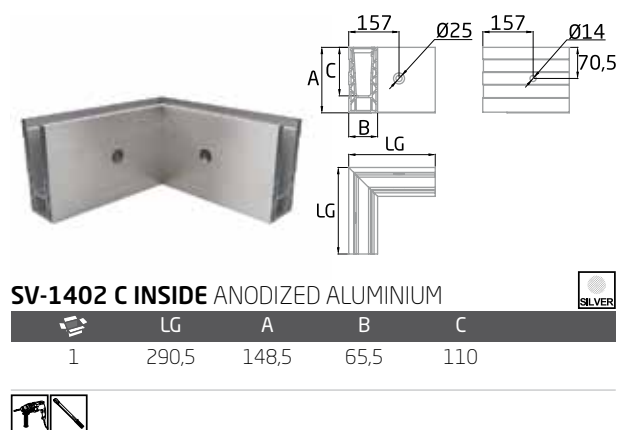
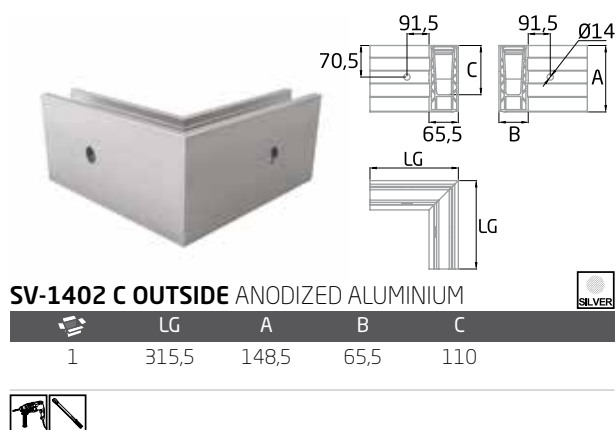
**2**

BR-2041: Extracción / Removal / Enlèvement

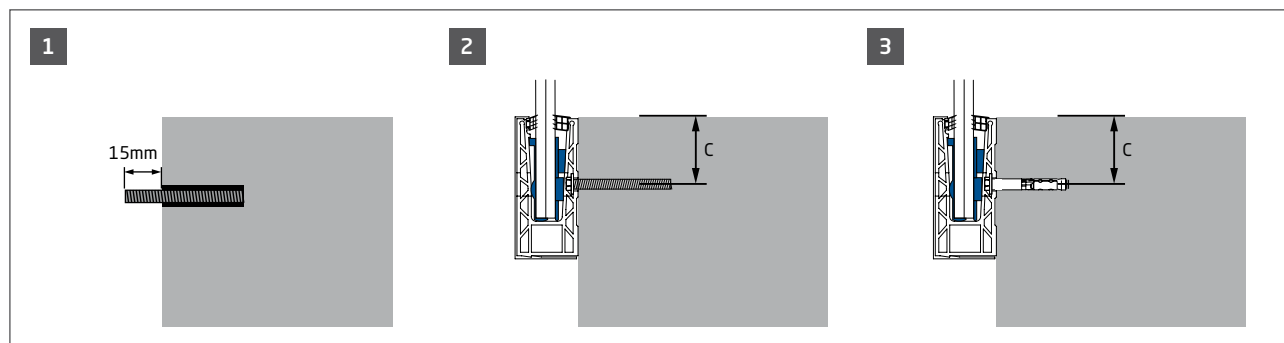
**3**

BR-2039





Posibilidades de anclaje SV-1402 / Anchoring possibilities for the SV-1402 / Possibilités d'ancrage SV-1402



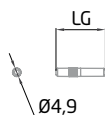
- C. Consultar distancia recomendada en función de normativa y carga de aplicación.
Check recommended distance according to the building regulations and required loads.
Consulter la distance recommandée selon la normatif du bâtiment et la charge demandé.

ESP	0,8 - 1,6 kN/m	FH II-S M8X105 (B.12)	Cracked / Uncracked
ESP	0,8 - 1,6 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-439 M10	Cracked / Uncracked
FRA	1,0 kN/m	FH II-S M8X105 (B.12)	Cracked / Uncracked
UK	0,74 - 1,5 kN/m	FH II-S M8X105 (B.12)	Cracked / Uncracked
UK	0,74 - 1,5 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-439 M10	Cracked / Uncracked
DK	0,5 - 1,0 kN/m	FH II-S M8X105 (B.12)	Cracked / Uncracked
DK	0,5 - 1,0 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-439 M10	Cracked / Uncracked
NO	1,0 - 1,5 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-439 M10	Cracked / Uncracked

- * Consultar idoneidad de usos según parámetros de instalación.
Consult adequacy of uses according to installation parameters.
Vérifier la pertinence de l'utilisations par rapport au paramètres d'installation.

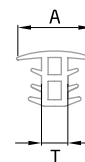
- * Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

- * Calidad recomendada de hormigón comprimido y traccionado C25/30.
Recommended quality for uncracked/cracked concrete C25/30.
Qualité recommandé du béton comprimé et en traction C25/30.

**PM-01** AISI-316

	LG
	10 30

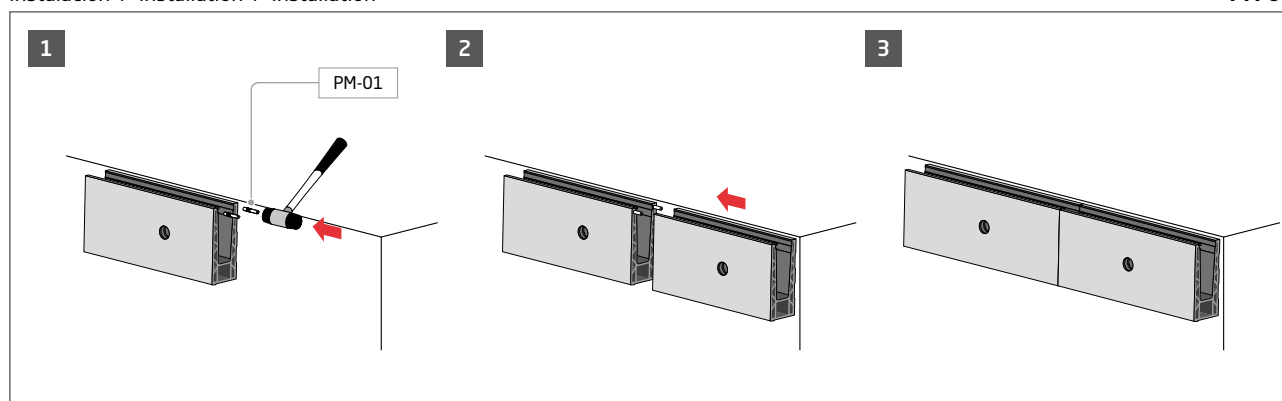
Pin de unión.
Joiner pin.
Boulon d'union.

**PL-06**

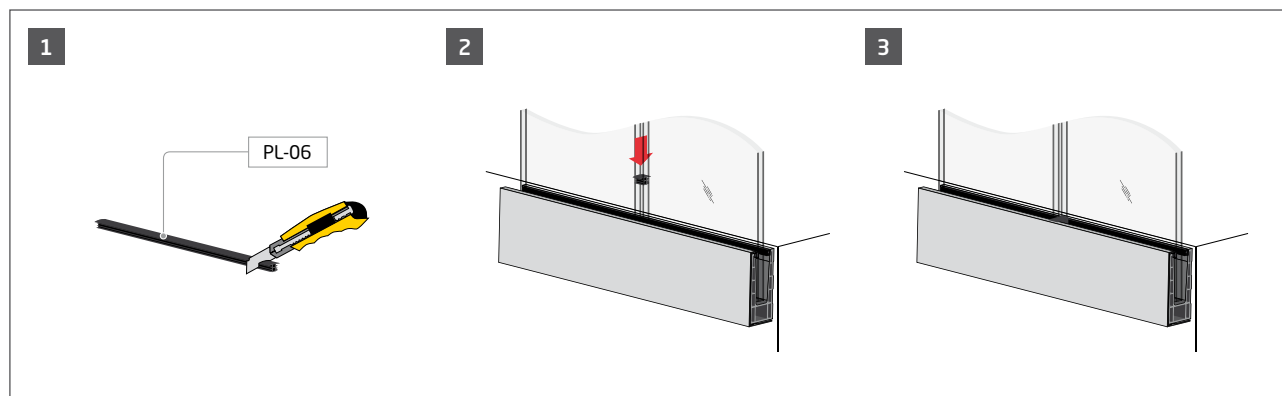
	LG	A	T
	1 1000	29	16,38-21,52

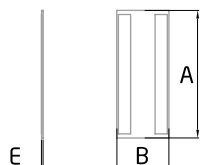


Instalación / Installation / Installation

PM-01

Instalación / Installation / Installation

PL-06



PM-12 ANODIZED ALUMINIUM

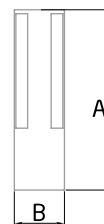
	A	B	E
1	151	67,5	2

SV-1402 con PM-55 (Para tramos rectos)
SV-1402 with PM-55 (For straight sections)
SV-1402 avec PM-55 (Pour des sections horizontal)



*Included

QLTY: Aluminium



PM-13 ANODIZED ALUMINIUM

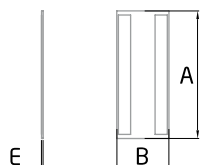
	A	B	E
1	239	67,5	2

SV-1402 con PM-55 (Para tramos en ángulo)
SV-1402 with PM-55 (For sloping sections)
SV-1402 avec PM-55 (Pour des sections inclinés)



*Included

QLTY: Aluminium



PM-18

	A	B	E
1	151	69	2

SV-1402 con PM-56 (Para tramos rectos)
SV-1402 with PM-56 (For straight sections)
SV-1402 avec PM-56 (Pour des sections horizontal)



*Included

QLTY: AISI-316



PM-19

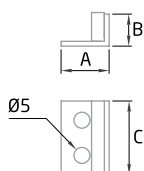
	A	B	E
1	239	69	2

SV-1402 con PM-56 (Para tramos en ángulo)
SV-1402 with PM-56 (For sloping sections)
SV-1402 avec PM-56 (Pour des sections inclinés)

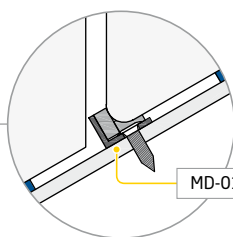
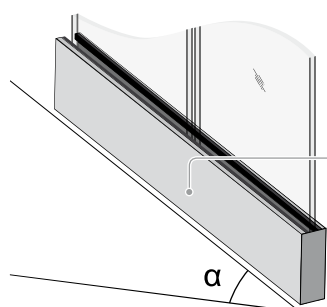


*Included

QLTY: AISI-316

**MD-01**

	A	B	C	E
2	15	10	23	1,5

Instalación / Installation / Installation**MD-01****1**

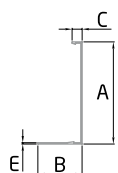
MD-01



Dispositivo de seguridad para evitar el deslizamiento del vidrio en instalaciones inclinadas.

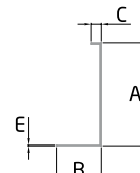
Safety device to avoid sliding of glass pane installed on sloping sections.

Dispositif de sécurité qui permet d'éviter le glissement des volumes de verre sur une installation en plan incliné.

**PM-55 ANODIZED ALUMINIUM**

	LG	A	B	C	E
2	2500	152	66	15	1,5

QLTY: Aluminium

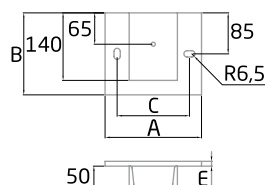
**PM-56**

	LG	A	B	C	E
2	2500	152	67	16	1,5



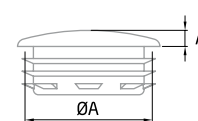
*Not Included

QLTY: AISI 316

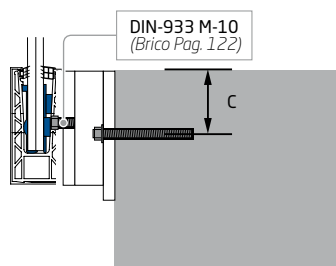
**PM-63 ZINC PLATED**

	A	B	C	E
1	200	170	150	10

DIN-933 M10 L30 (Brico Pag. 122)

**TF-580 LDPE**

	ØA	A
10	25	3

RAL 7040
UV Filter**Posibilidades de anclaje PM-63 / Anchoring possibilities for the PM-63 / Possibilités d'ancrage PM-63****1 PM-63**DIN-933 M-10
(Brico Pag. 122)

- C. Consultar distancia recomendada en función de normativa y carga de aplicación.
Check recommended distance according to the building regulations and required loads.
Consulter la distance recommandée selon la normatif du bâtiment et la charge demandé.

ESP	0,8 - 1,6 kN/m	FAZ II M12X120 (B.12)	Cracked / Uncracked
ESP	0,8 - 1,6 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-439 M10	Cracked / Uncracked
ESP	0,8 - 1,6 kN/m	FBN II M12X116 (B.12)	Uncracked

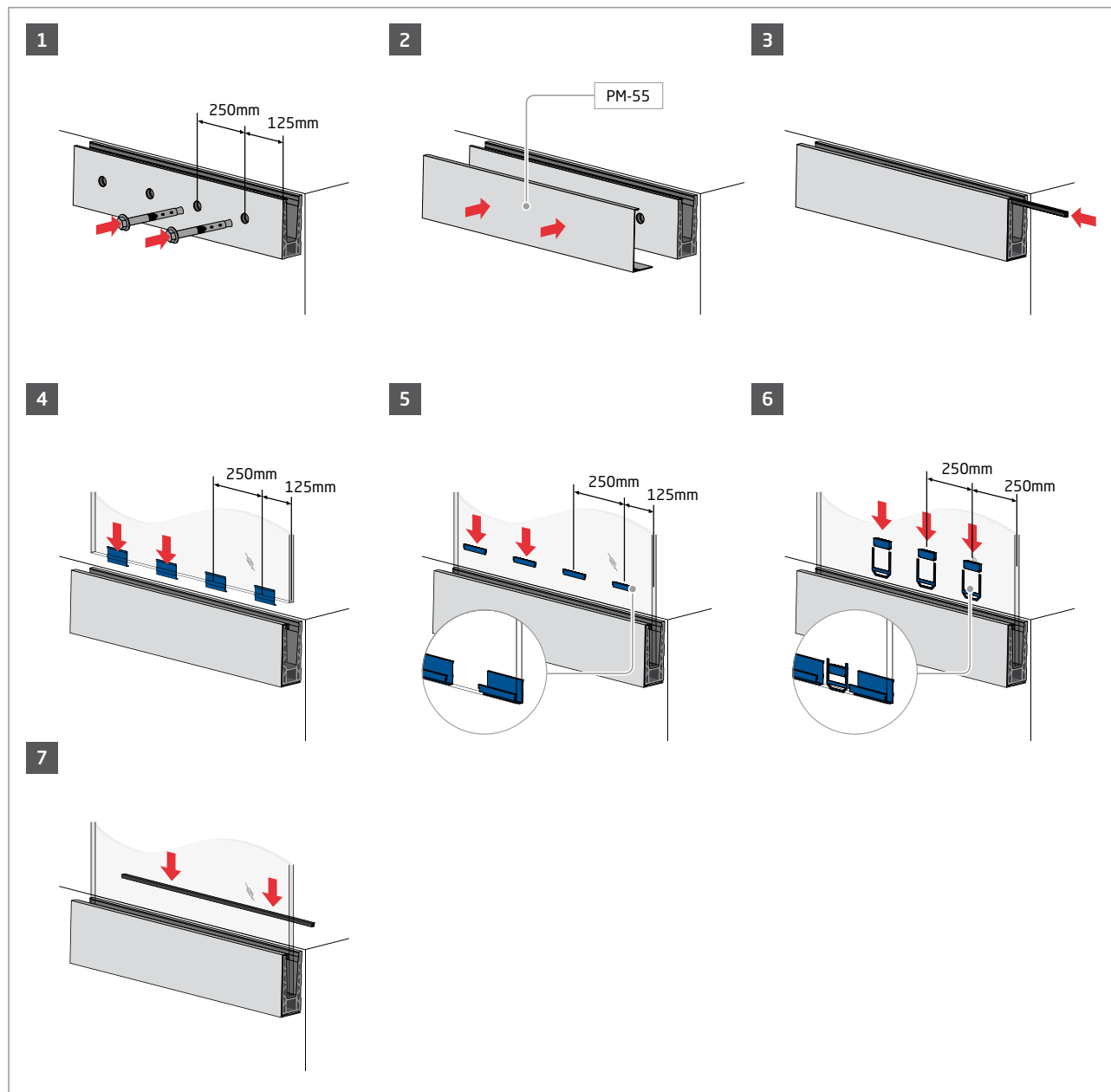
- * Consultar idoneidad de usos según parámetros de instalación.
Consult adequacy of uses according to installation parameters.
Vérifier la pertinence de l'utilisations par rapport au paramètres d'installation.

- * Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

- * Calidad recomendada de hormigón comprimido y traccionado C25/30.
Recommended quality for uncracked/cracked concrete C25/30.
Qualité recommandé du béton comprimé et en traction C25/30.

Instalación / Installation / Installation

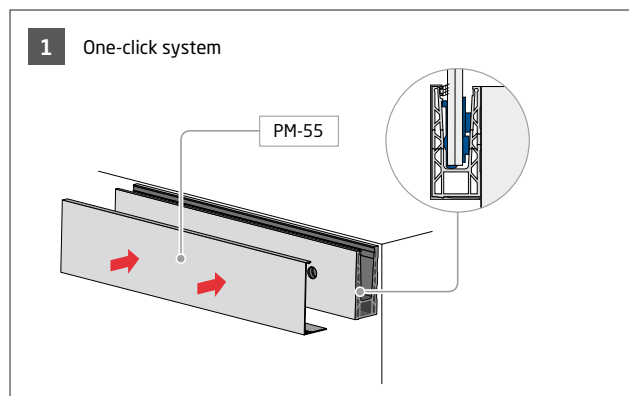
SV-1402



Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com

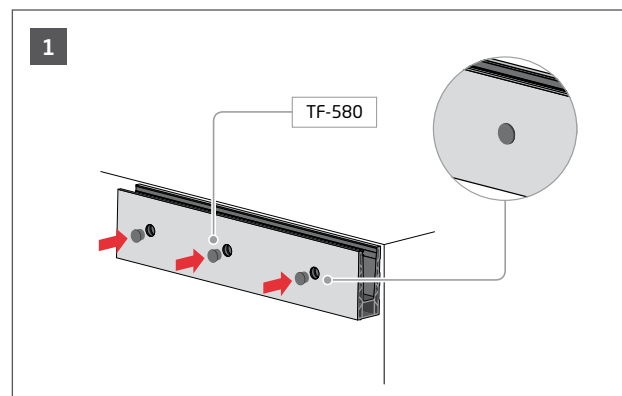
Instalación / Installation / Installation

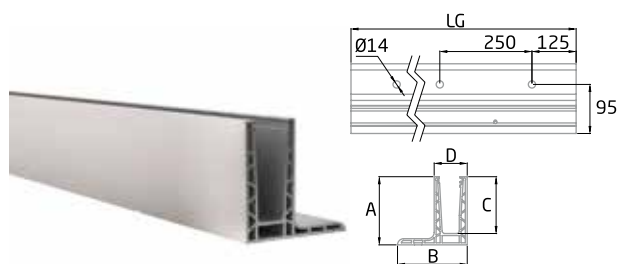
PM-55



Instalación / Installation / Installation

TF-580

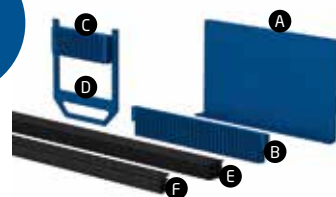


**SV-1403 ANODIZED ALUMINIUM**

	LG	A	B	C	D
1	2500	132	135	110	64
1	5000	132	135	110	64



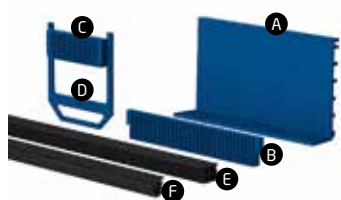
Normativa/Regulation/Norme	Uso/Use/Usage
	Privado / Private / Privé
	Público / Public / Public
—	Agglomeraciones / Agglomerations / Agglomérations

**PL-14**

	A/Uds	B/Uds	C/Uds	D/Uds	E (LG)	F (LG)	G
1	10	10	9	9	2500	2500	16,76
1	10	10	9	9	2500	2500	17,52
1	10	10	9	9	2500	2500	20,76
1	10	10	9	9	2500	2500	21,52

Ver instrucciones de instalación en páginas 56
See installation guide on pages 56
Voir les instructions d'installation aux pages 56

Regulable.
Adjustable.
Ajustable.

**PL-15**

	A/Uds	B/Uds	C/Uds	D/Uds	E (LG)	F (LG)	G
1	10	10	9	9	2500	2500	20,76
1	10	10	9	9	2500	2500	21,52

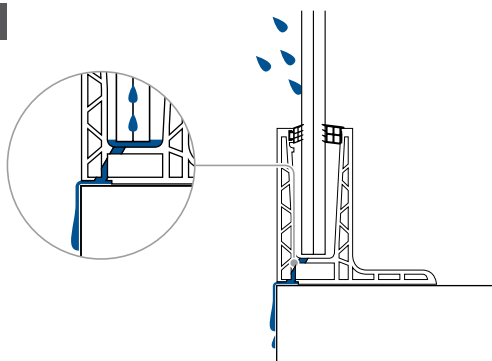
No regulable.
Not adjustable.
Non ajustable.



Normativa/Regulation/Norme	Uso/Use/Usage
—	Privado / Private / Privé
	Público / Public / Public
—	Agglomeraciones / Agglomerations / Agglomérations

**BR-2041**
1**BR-2039**
1

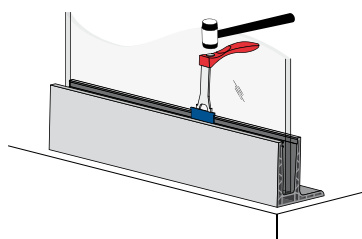
Drenaje interior / Inner drainage / Drainage intérieur

SV-1403**1**

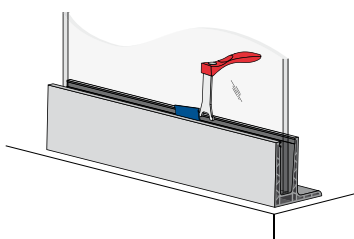
Instalación / Installation / Installation

BR-2039 / BR-2041**1**

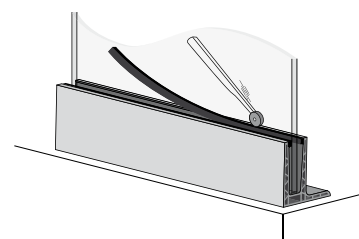
BR-2041: Fijación / Fixation / Fixation

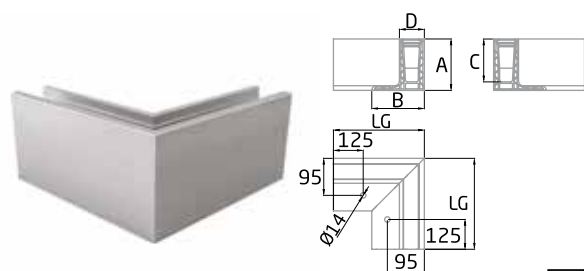
**2**

BR-2041: Extracción / Removal / Enlèvement

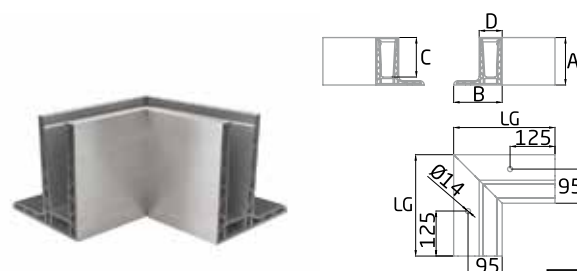
**3**

BR-2039



**SV-1403 C OUTSIDE** ANODIZED ALUMINIUM

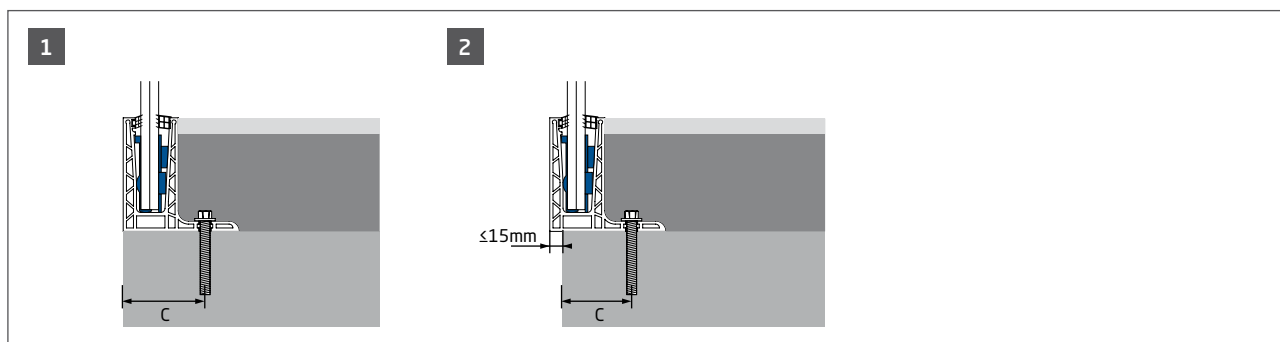
	LG	A	B	C	D
1	290	132	135	110	64

**SV-1403 C INSIDE** ANODIZED ALUMINIUM

	LG	A	B	C	D
1	240	132	135	110	64



Posibilidades de anclaje SV-1403 / Anchoring possibilities for the SV-1403 / Possibilités d'ancrage SV-1403



- C. Consultar distancia recomendada en función de normativa y carga de aplicación.
Check recommended distance according to the building regulations and required loads.
Consulter la distance recommandée selon la normatif du bâtiment et la charge demandé.

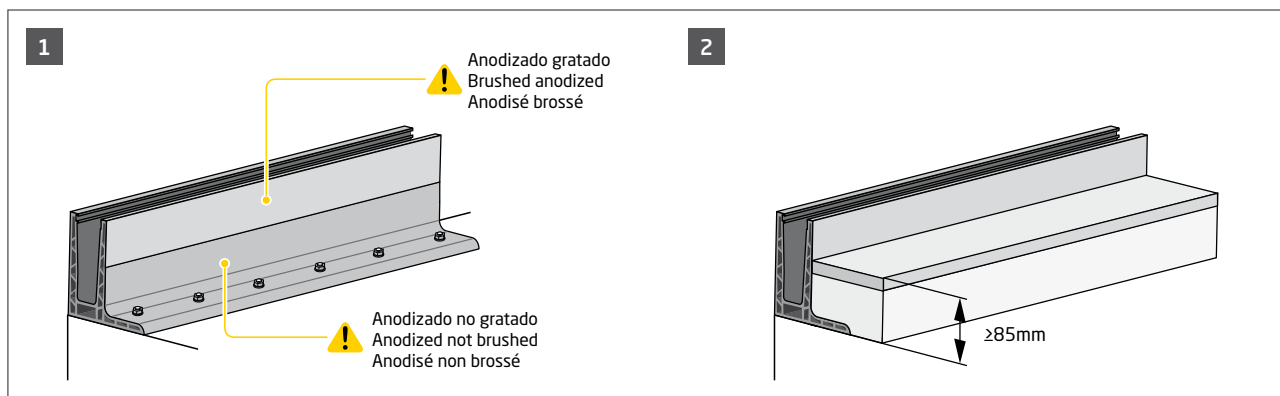
ESP	0,8 - 1,6 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-934 M10	Cracked / Uncracked
ESP	0,8 - 1,6 kN/m	FAZ II M12X120 (B.12)	Cracked / Uncracked
ESP	0,8 - 1,6 kN/m	FBN II M12X116 (B.12)	Uncracked
FRA	1 kN/m	FAZ II M12X120 (B.12)	Cracked / Uncracked
FRA	1 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked
UK	0,74 - 1,5 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked
DK	0,5 -1,0 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-934 M10	Cracked / Uncracked
DK	0,5 -1,0 kN/m	FAZ II M12X120 (B.12)	Cracked / Uncracked
DK	0,5 -1,0 kN/m	FBN II M12X116 (B.12)	Uncracked
NO	1,0 - 1,5 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked

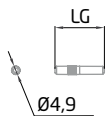
- * Consultar idoneidad de usos según parámetros de instalación.
Consult adequacy of uses according to installation parameters.
Vérifier la pertinence de l'utilisations par rapport au paramètres d'installation.

- * Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

- * Calidad recomendada de hormigón comprimido y traccionado C25/30.
Recommended quality for uncracked/cracked concrete C25/30.
Qualité recommandé du béton comprimé et en traction C25/30.

SV-1403

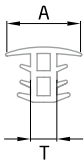




PM-01 AISI-316

	LG
	10 30

Pin de unión.
Joiner pin.
Boulon d'union.



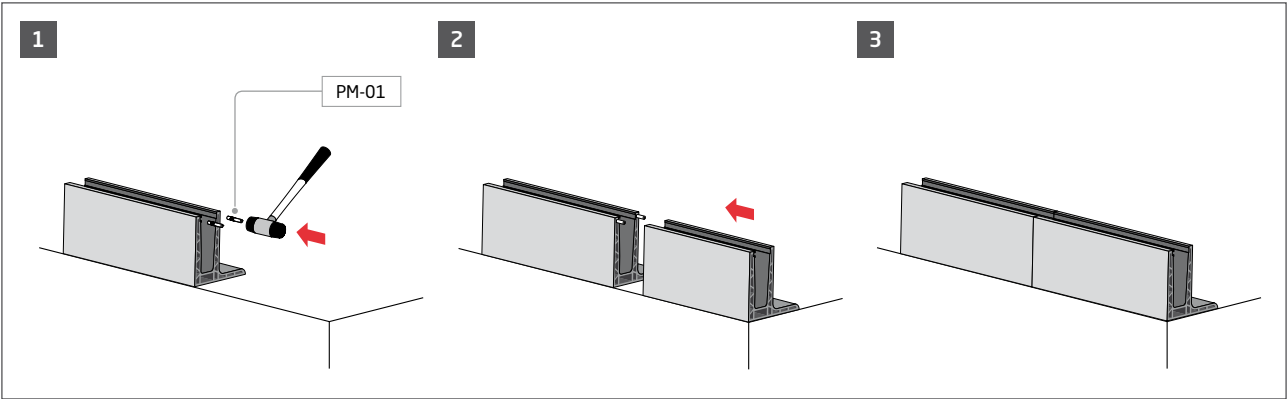
PL-06

	LG	A	T
	1 1000	29	16,38-21,52



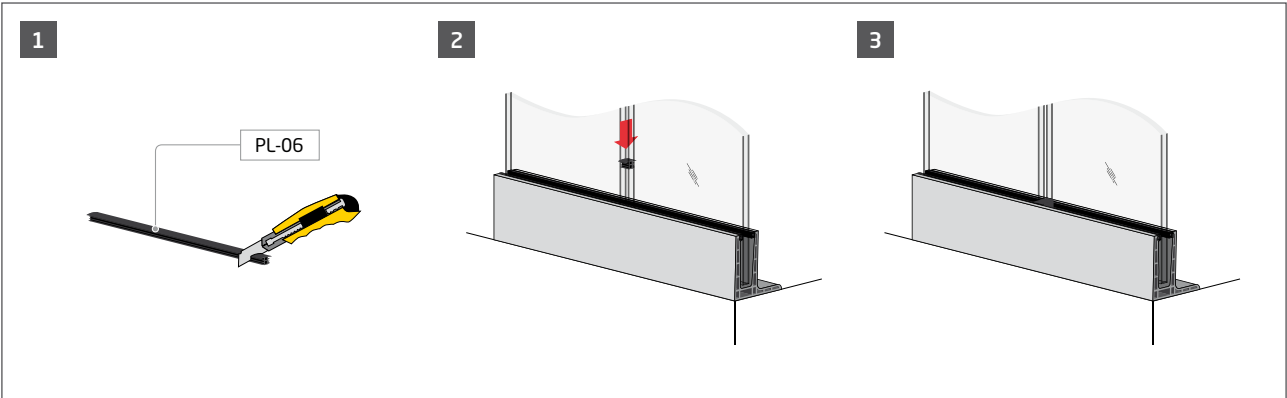
Instalación / Installation / Installation

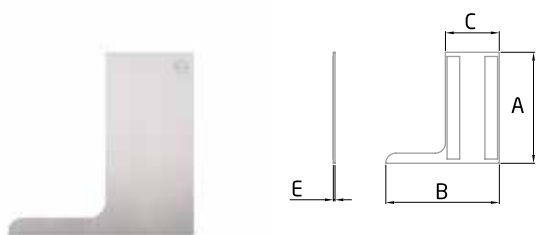
PM-01



Instalación / Installation / Installation

PL-06

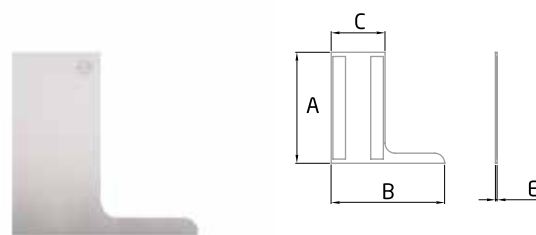


**PM-16** ANODIZED ALUMINIUM

	A	B	C	E
1	132	135	64	2



*Included

**PM-17** ANODIZED ALUMINIUM

	A	B	C	E
1	132	135	64	2



*Included

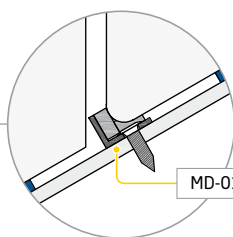
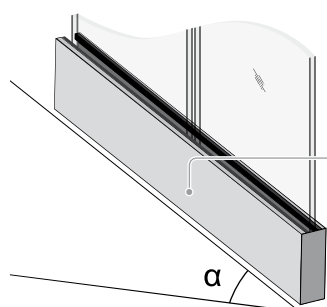
**MD-01**

	A	B	C	E
2	15	10	23	1,5

Instalación / Installation / Installation

MD-01

1



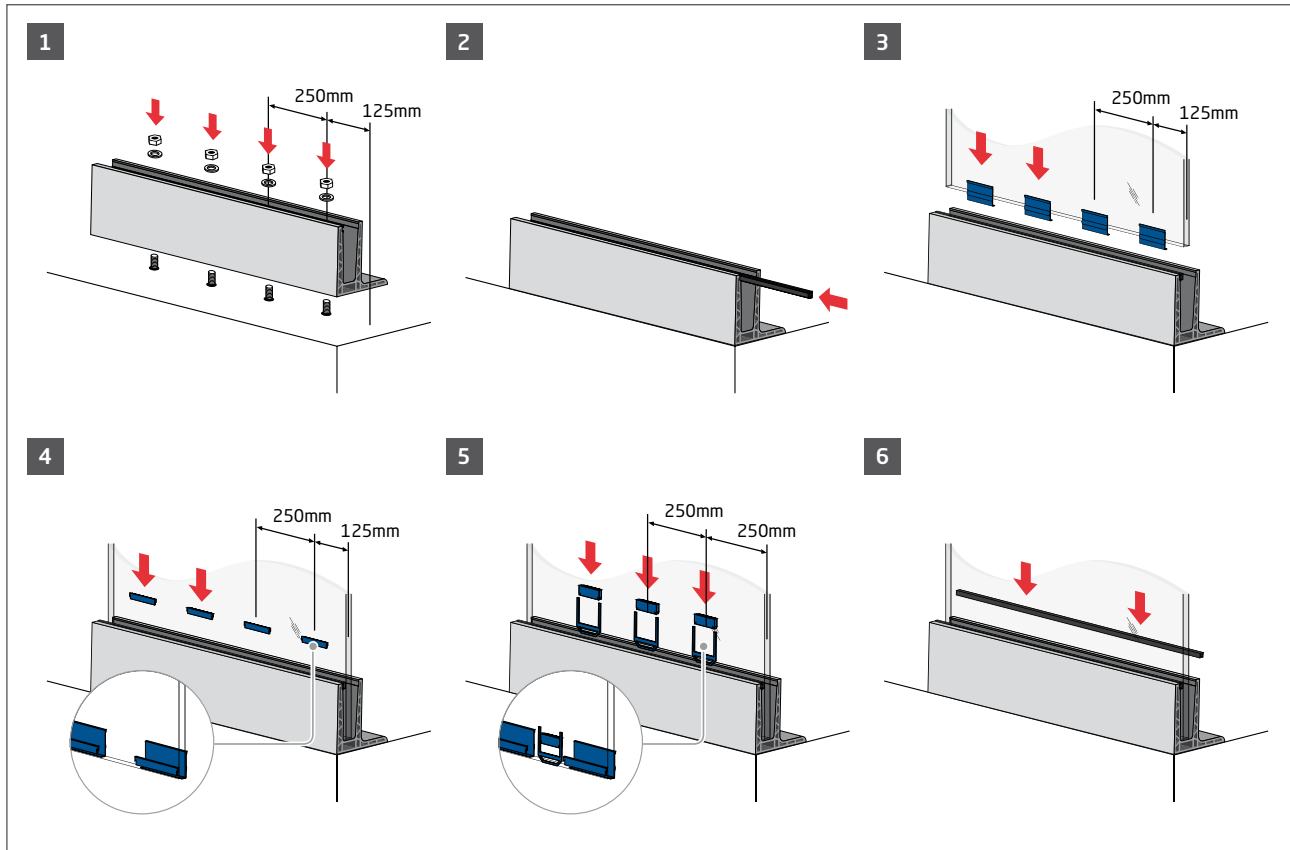
MD-01



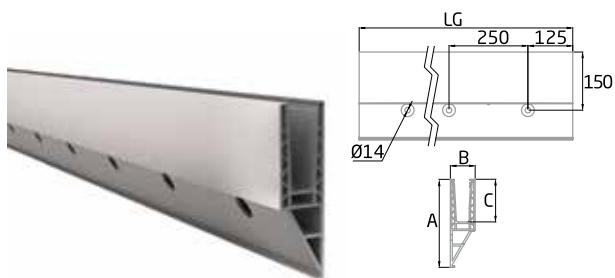
Dispositivo de seguridad para evitar el deslizamiento del vidrio en instalaciones inclinadas.

Safety device to avoid sliding of glass pane installed on sloping sections.

Dispositif de sécurité qui permet d'éviter le glissement des volumes de verre sur une installation en plan incliné.



Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com

**SV-1404 ANODIZED ALUMINIUM**

	LG	A	B	C
1	2500	227	64	110
1	5000	227	64	110

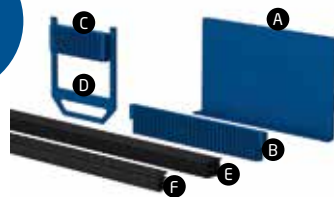
**Normativa/Regulation/Norme****Uso/Use/Usage**

Privado / Private / Privé



Público / Public / Public

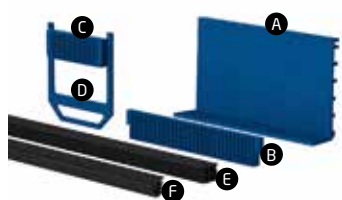
—

Aglomeraciones /
Agglomérations / Agglomerations**PL-14**

	A/Uds	B/Uds	C/Uds	D/Uds	E (LG)	F (LG)	G
1	10	10	9	9	2500	2500	16,76
1	10	10	9	9	2500	2500	17,52
1	10	10	9	9	2500	2500	20,76
1	10	10	9	9	2500	2500	21,52

Ver instrucciones de instalación en páginas 56
See installation guide on pages 56
Voir les instructions d'installation aux pages 56

Regulable.
Adjustable.
Ajustable.

**PL-15**

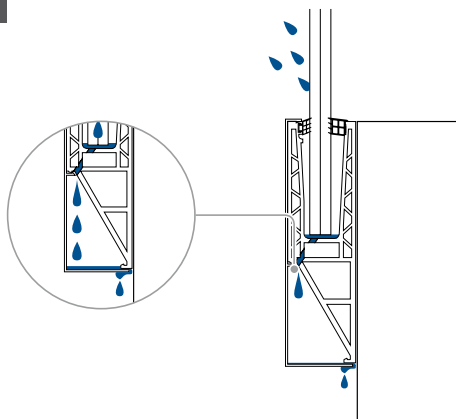
	A/Uds	B/Uds	C/Uds	D/Uds	E (LG)	F (LG)	G
1	10	10	9	9	2500	2500	20,76
1	10	10	9	9	2500	2500	21,52

No regulable.
Not adjustable.
Non ajustable.



**BR-2041**
1**BR-2039**
1

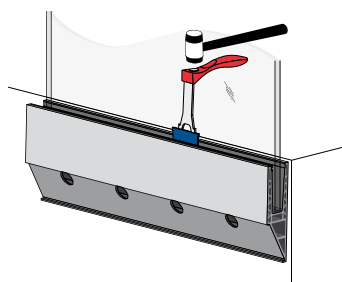
Drenaje interior / Inner drainage / Drainage intérieur

SV-1404**1**

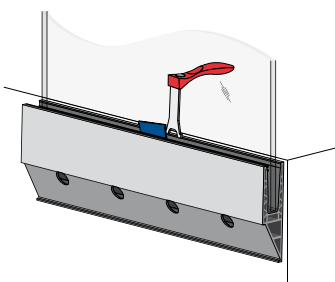
Instalación / Installation / Installation

BR-2039 / BR-2041**1**

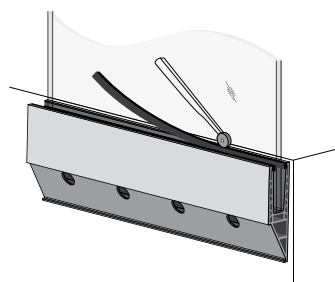
BR-2041: Fijación / Fixation / Fixation

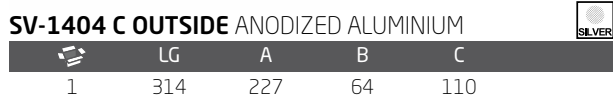
**2**

BR-2041: Extracción / Removal / Enlèvement

**3**

BR-2039

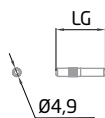




1

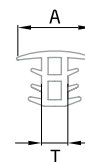
 ESP	0,8 - 1,6 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-934 M10	Cracked / Uncracked
 ESP	0,8 - 1,6 kN/m	FAZ II M12X120 (B.12)	Cracked / Uncracked
 FRA	1 kN/m	FAZ II M12X120 (B.12)	Cracked / Uncracked
 FRA	1 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-934 M10	Cracked / Uncracked
 UK	0,74 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked
 DK	0,5 - 1,0 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-934 M10	Cracked / Uncracked
 DK	0,5 - 1,0 kN/m	FAZ II M12X120 (B.12)	Cracked / Uncracked
 NO	1,0 - 1,5 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked

- * Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

**PM-01** AISI-316

	LG
	
10	30

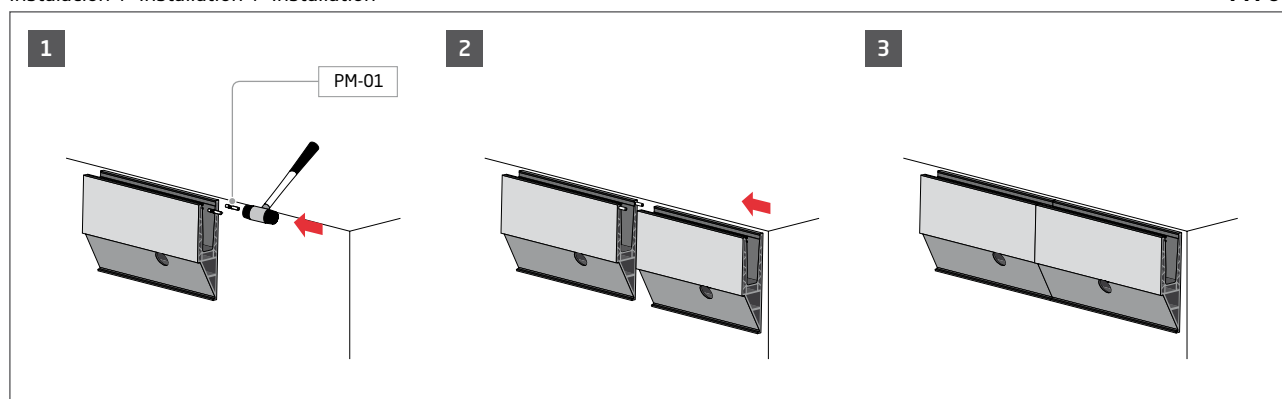
Pin de unión.
Joiner pin.
Boulon d'union.

**PL-06**

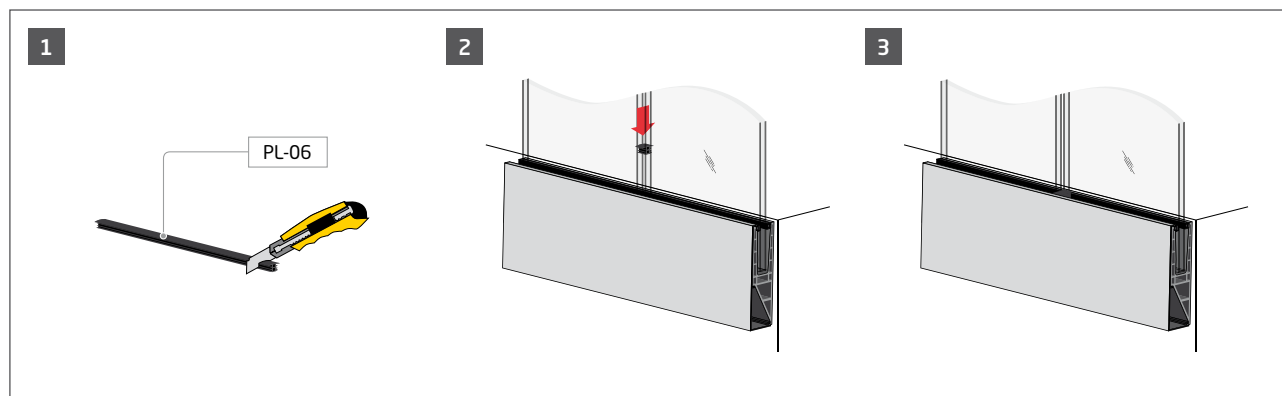
	LG	A	T
			
1	1000	29	16,38-21,52

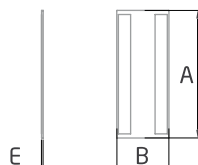


Instalación / Installation / Installation

PM-01

Instalación / Installation / Installation

PL-06



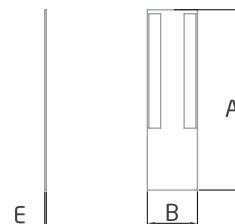
PM-14 ANODIZED ALUMINIUM

	A	B	E
1	230	64	2

SV-1404 con PM-57 (Para tramos rectos)
SV-1404 with PM-57 (For straight sections)
SV-1404 avec PM-57 (Pour des sections horizontal)



*Included



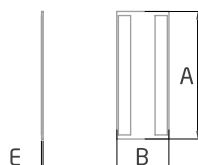
PM-15 ANODIZED ALUMINIUM

	A	B	E
1	358	64	2

SV-1404 con PM-57 (Para tramos en ángulo)
SV-1404 with PM-57 (For sloping sections)
SV-1404 avec PM-57 (Pour des sections inclinés)



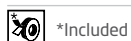
*Included



PM-34

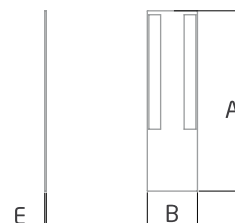
	A	B	E
1	230	66,5	2

SV-1404 con PM-58 (Para tramos rectos)
SV-1404 with PM-58 (For straight sections)
SV-1404 avec PM-58 (Pour des sections horizontal)



*Included

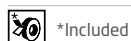
QLTY: Aluminium / AISI-316



PM-35

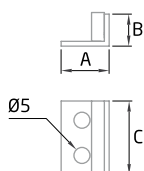
	A	B	E
1	358	66,5	2

SV-1404 con PM-58 (Para tramos en ángulo)
SV-1404 with PM-58 (For sloping sections)
SV-1404 avec PM-58 (Pour des sections inclinés)

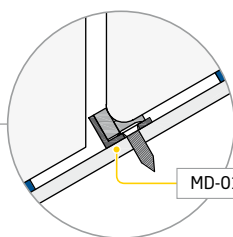
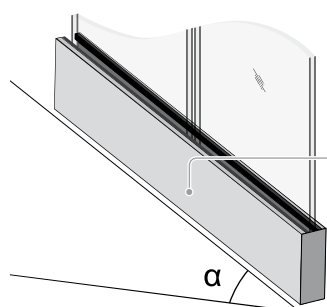


*Included

QLTY: Aluminium / AISI-316

**MD-01**

	A	B	C	E
2	15	10	23	1,5

Instalación / Installation / Installation**MD-01****1**

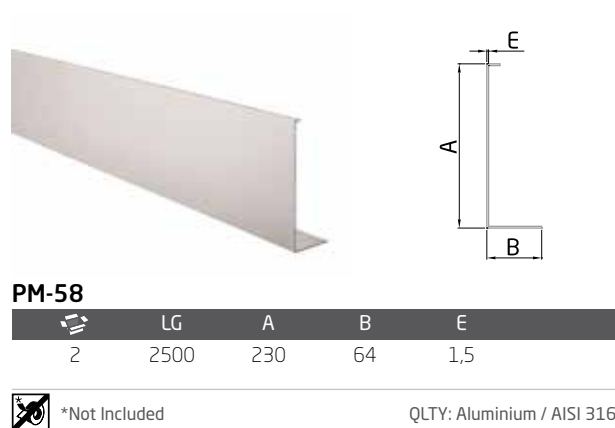
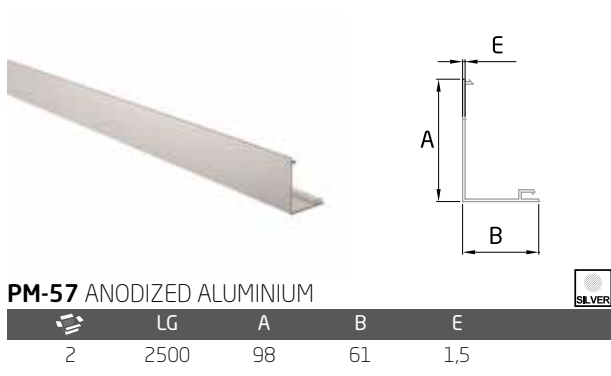
MD-01



Dispositivo de seguridad para evitar el deslizamiento del vidrio en instalaciones inclinadas.

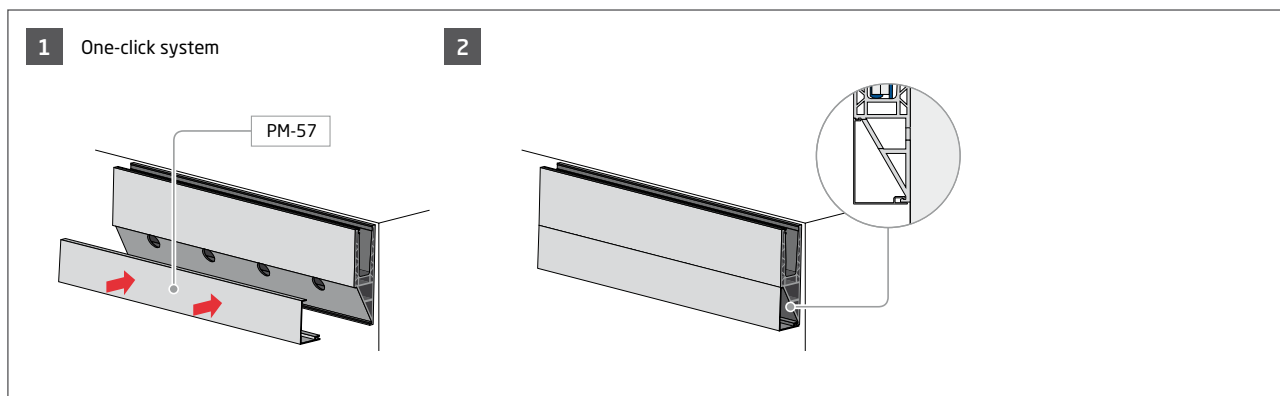
Safety device to avoid sliding of glass pane installed on sloping sections.

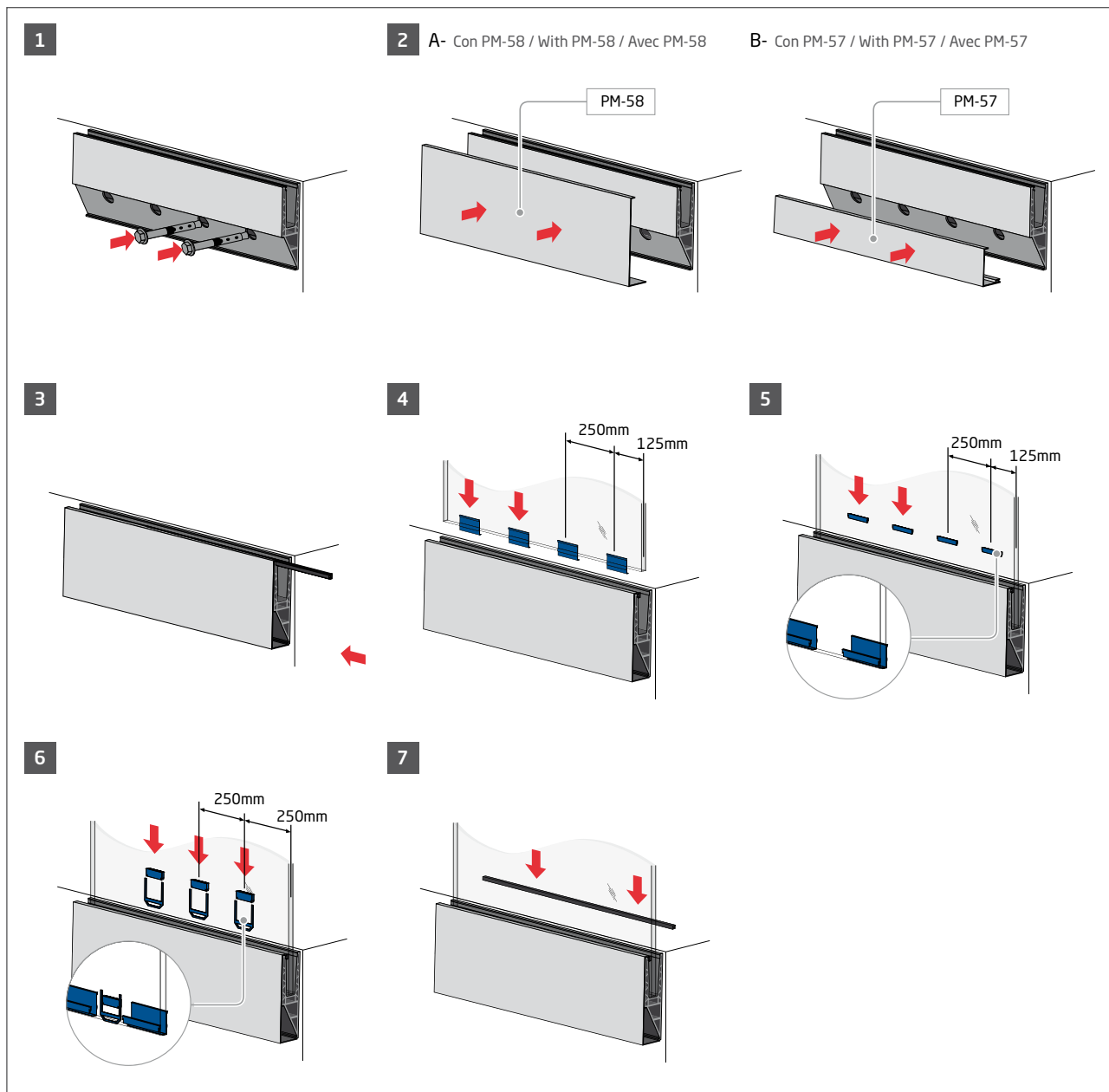
Dispositif de sécurité qui permet d'éviter le glissement des volumes de verre sur une installation en plan incliné.



Instalación / Installation / Installation

PM-57





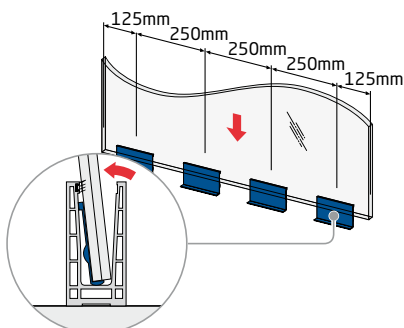
 Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com



Instalación Level-in. / Level-in installation. / Installation Level-in.

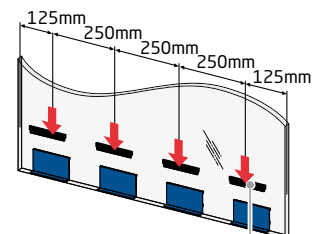
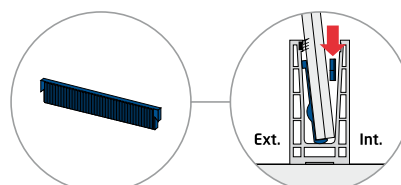
PL-14

- 1** Colocar el vidrio inclinado hacia el exterior.
Place the glass inclined to the outer side.
Placer le verre incliné vers l'extérieur.



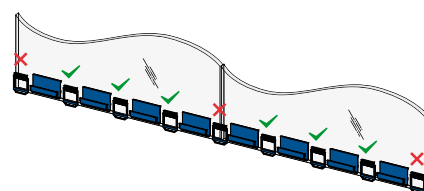
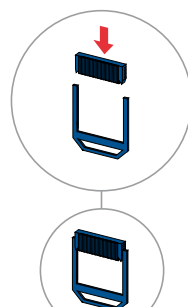
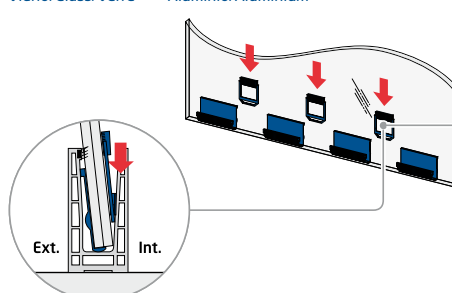
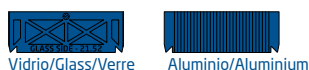
- 2** Colocar Bottom Wedge.
Position Bottom Wedge.
Placer Bottom Wedge.

Posición de las cuñas.
Position of the wedges.
Position des cales.



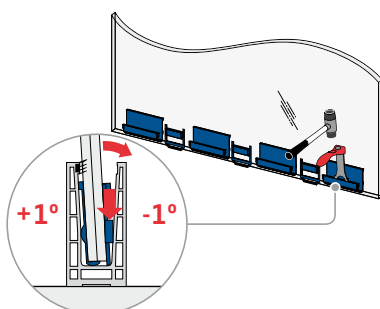
- 3** Colocar Top Wedge.
Position Top Wedge.
Placer Top Wedge.

Posición de las cuñas.
Position of the wedges.
Position des cales.



- 4** Presionar Bottom Wedge hasta nivelar el vidrio.
Press Bottom Wedge until the glass is levelled.

Appuyer sur Bottom Wedge jusqu'à le verre est nivelé.



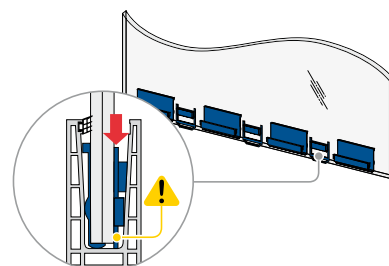
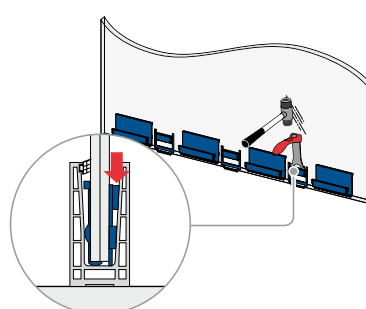
- 5** Presionar Top Wedge hasta bloquear el vidrio.
Press Top Wedge until the glass is blocked.
Appuyer sur Top Wedge jusqu'à le verre est bloqué.



El Dispositivo de seguridad de Top Wedge debe hacer tope con la base interior del perfil.

The safety device of Top Wedge must be placed in contact with the inner base of the profile.

Le dispositif de sécurité de Top Wedge doit être placé en contact avec la base intérieur du profil.



Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com

Installation videos



[esp]

Visita nuestra página web en www.comenza.com y te demostraremos por que los sistemas de barandillas no sólo son los más seguros del mundo sino también los más fáciles de instalar.

[eng]

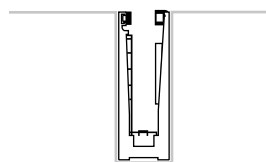
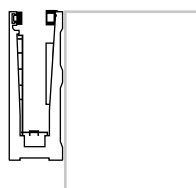
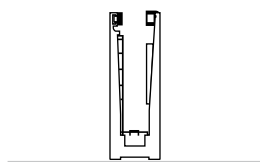
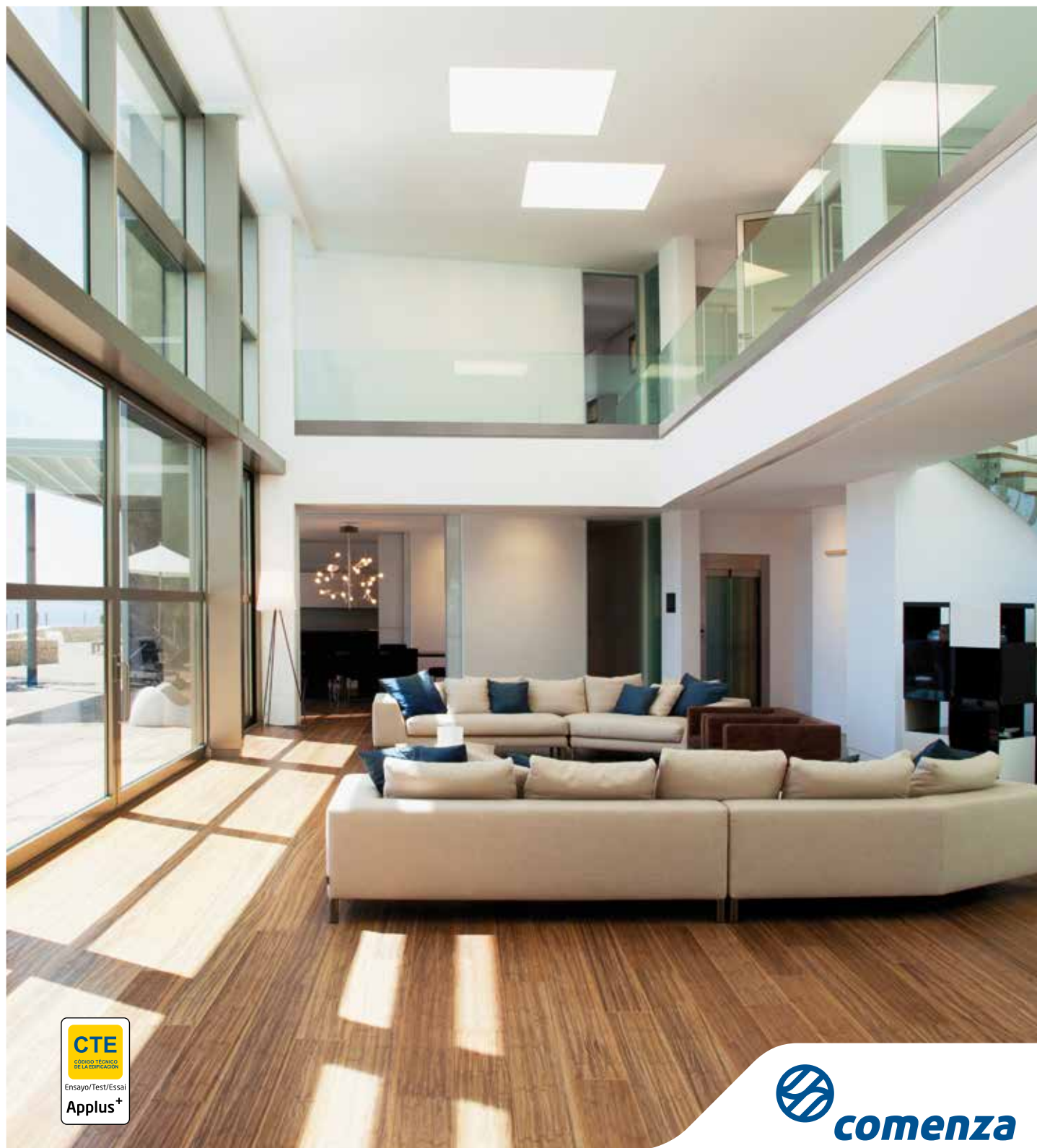
Visit our website at www.comenza.com and we will show you why our railing systems are not only the safest in the world, but also the easiest to install.

[fra]

Visitez notre site web www.comenza.com et nous vous démontrerons pourquoi nos systèmes de garde-corps sont les plus surs du monde et les plus faciles à installer.



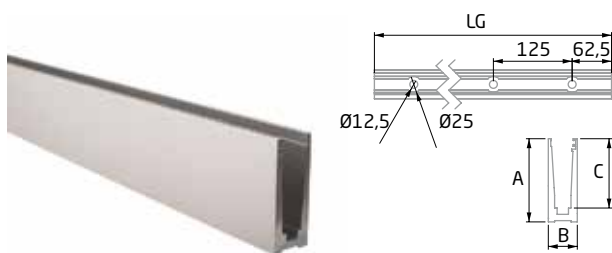
www.comenza.com



Sistema / System / Système
GlassFit SV-1301
Top

Sistema / System / Système
GlassFit SV-1302
Side

Sistema / System / Système
GlassFit SV-1303
In-floor

**SV-1301 ANODIZED ALUMINIUM**

	LG	A	B	C
1	2500	132	46	110
1	5000	132	46	110

SV-1301 RAW ALUMINIUM / MILL FINISH

	LG	A	B	C
1	5000	132	46	110

Ver opciones de colores RAL en páginas 72
See available RAL colours on pages 72
Voir les options de couleurs RAL disponibles à la page 72

**Normativa/Regulation/Norme****Uso/Use/Usage**

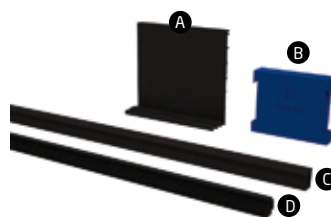
Privado / Private / Privé



Público / Public / Public



Aglomeraciones / Agglomerations / Agglomérations

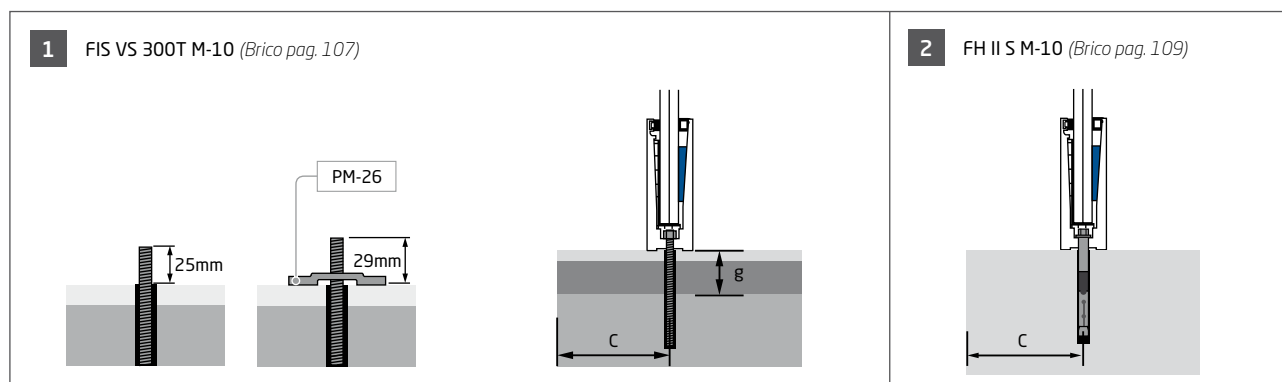
**PL-11**

	A/Uds	B/Uds	C (LG)	D (LG)	G
1	10	10	2500	2500	12-12,38
1	10	10	2500	2500	16,38-16,76
1	10	10	2500	2500	20,38-20,76

El vidrio no necesita ser taladrado. Sistema de fijación con cuñas.

No need to drill glass panels. Fixing Wedge System.

Le verre n'a pas besoin d'être percé. Système de fixation avec des cales.

**Posibilidades de anclaje SV-1301 / Anchoring possibilities for the SV-1301 / Possibilités d'ancrage SV-1301**

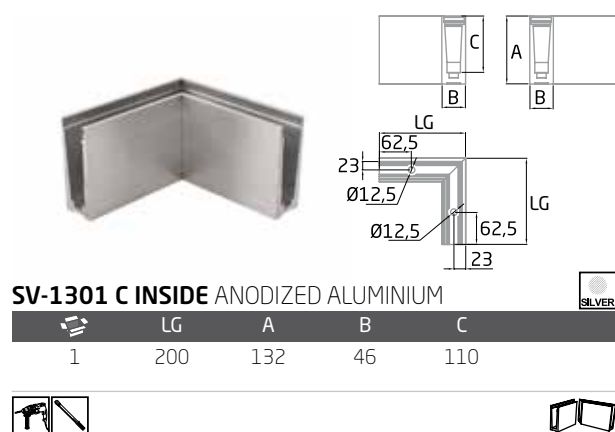
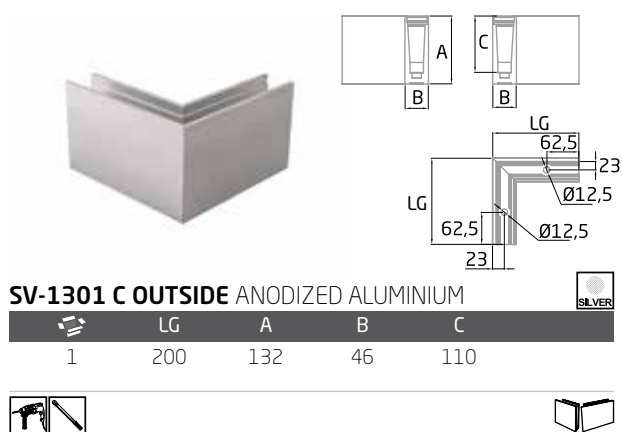
C / g. Consultar distancia recomendada en función de normativa y carga de aplicación.
Check recommended distance according to the building regulations and required loads.
Consulter la distance recommandée selon le normatif du bâtiment et la charge demandé.

ESP	0,8 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10 + DIN-934 M10	Cracked / Uncracked
ESP	0,8 kN/m	FH II-S M8X105 (B.12)	Cracked / Uncracked

* Consultar idoneidad de usos según parámetros de instalación.
Consult adequacy of uses according to installation parameters.
Vérifier la pertinence de l'utilisations par rapport au paramètres d'installation.

* Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

* Calidad recomendada de hormigón comprimido y traccionado C25/30.
Recommended quality for uncracked/cracked concrete C25/30.
Qualité recommandé du béton comprimé et en traction C25/30.

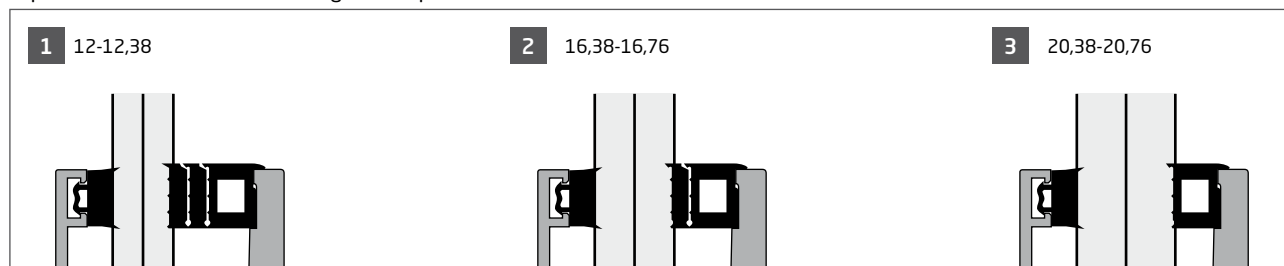
**BR-2041**

1

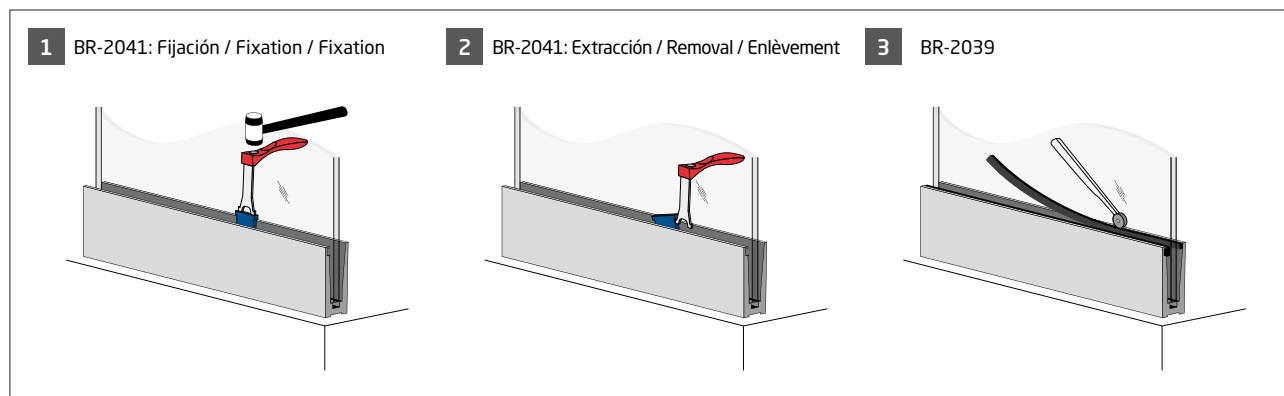
**BR-2039**

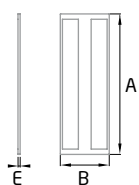
1

Espesor del cristal / Thickness of glass / Épaisseur du verre

PL-11

Instalación / Installation / Installation

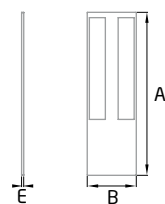
BR-2039 / BR-2041

**PM-24 ANODIZED ALUMINIUM**

	A	B	E
1	132	46	2



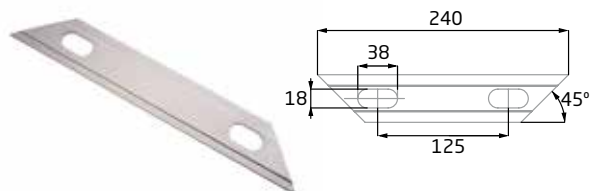
*Included

**PM-25 ANODIZED ALUMINIUM**

	A	B	E
1	206	46	2

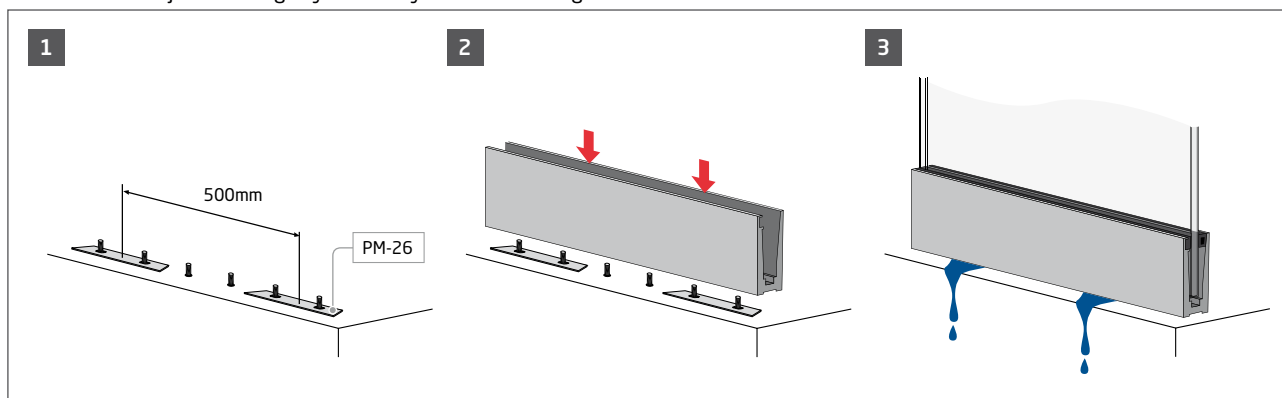


*Included

**PM-26 ANODIZED ALUMINIUM**

10

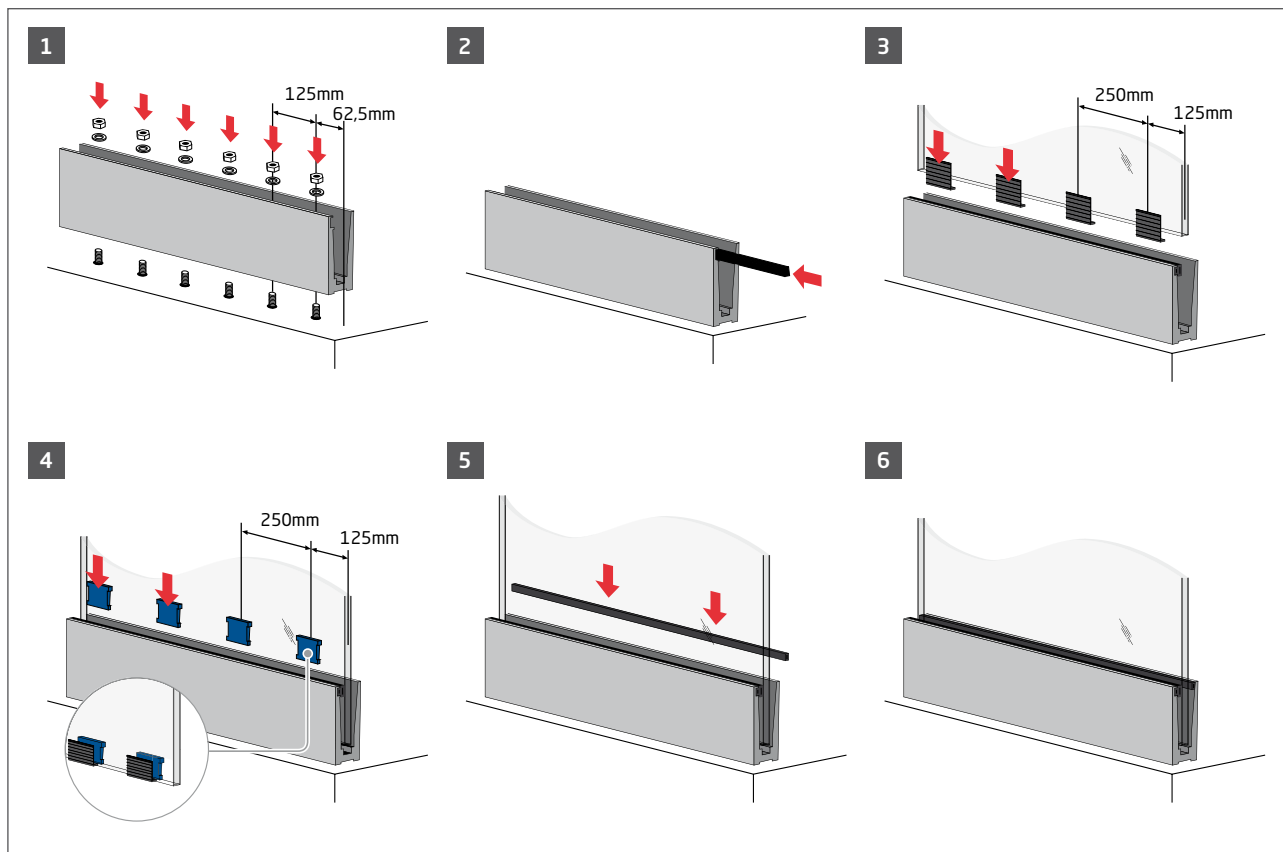
Perfil de drenaje.
Profile for drainage.
Profil de drainage.

Sistema de drenaje / Drainage system / Système de drainage**PM-26**



Instalación / Installation / Installation

SV-1301



Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com

**Passion
for safety**



[esp]

Visita nuestra web en www.comenza.com para descargar nuestros ensayos de cargas para las normativas internacionales: BS-6180 (Reino Unido), NF Avis Technique (Francia), CTE (España), NS (Noruega) y DS/EN (Dinamarca) y demuestramos a tus clientes por que la pasión por la seguridad de Comenza es más que un compromiso.

[eng]

By visiting our website at www.comenza.com you can download the results of the load testings compliant to international building codes: BS-6180 (United Kingdom), NF Avis Technique (France), CTE (Spain), NS (Norway) and DS/EN (Denmark), to demonstrate to your clients that Comenza's passion for safety is more than just a promise.

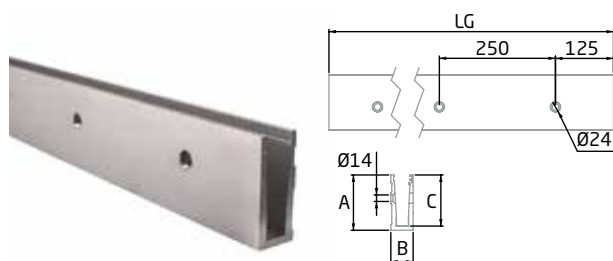
[fra]

Visitez notre web www.comenza.com pour télécharger nos essais des charges selon les standards internationaux: BS-6180 (Royaume-Uni), NF Avis Technique (France), CTE (Espagne), NS (Norvège) et DS/EN (Danemark), et démontrez à vos clients que la passion de Comenza pour la sécurité est plus qu'un engagement.



Descargar / Download / Télécharger
www.comenza.com

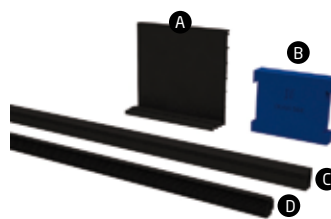
www.comenza.com

**SV-1302 ANODIZED ALUMINIUM**

	LG	A	B	C
1	2500	119	48	110
1	5000	119	48	110

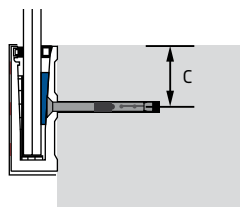


Normativa/Regulation/Norme	Uso/Use/Usage
	Privado / Private / Privé
—	Público / Public / Public
—	Agglomeraciones / Agglomerations / Agglomérations

**PL-11**

	A/Uds	B/Uds	C (LG)	D (LG)	G
1	10	10	2500	2500	12-12,38
1	10	10	2500	2500	16,38-16,76
1	10	10	2500	2500	20,38-20,76

El vidrio no necesita ser taladrado. Sistema de fijación con cuñas.
 No need to drill glass panels. Fixing Wedge System.
 Le verre n'a pas besoin d'être percé. Système de fixation avec des cales.

**Posibilidades de anclaje SV-1302 / Anchoring possibilities for the SV-1302 / Possibilités d'ancrage SV-1302****1** FH II SK M-8 L-100 Ø 12 (Brico Pag. 138)

- C. Consultar distancia recomendada en función de normativa y carga de aplicación.
 Check recommended distance according to the building regulations and required loads.
 Consulter la distance recommandée selon la normatif du bâtiment et la charge demandé.

	ESP	0,8 kN/m	FH II-SK M8X105 (B.12)	Cracked / Uncracked
--	-----	----------	------------------------	---------------------

- * Consultar idoneidad de usos según parámetros de instalación.
 Consult adequacy of uses according to installation parameters.
 Vérifier la pertinence de l'utilisations par rapport au paramètres d'installation.
- * Cracked / Uncracked
 Hormigón Traccionado / Hormigón Comprimido
 Béton comprimé / Béton en traction
- * Calidad recomendada de hormigón comprimido y traccionado C25/30.
 Recommended quality for uncracked/cracked concrete C25/30.
 Qualité recommandé du béton comprimé et en traction C25/30.

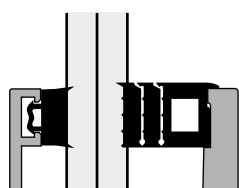
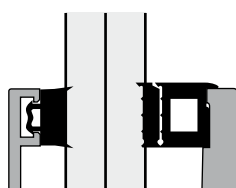
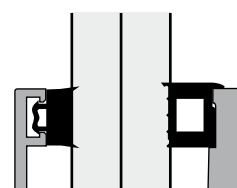
**BR-2041**

1

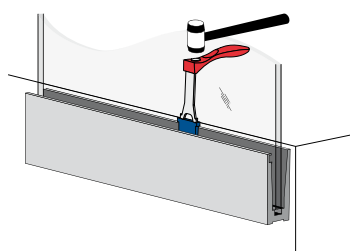
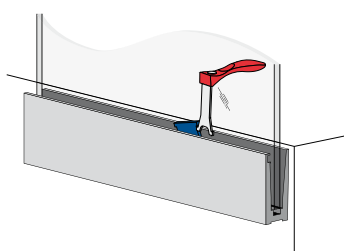
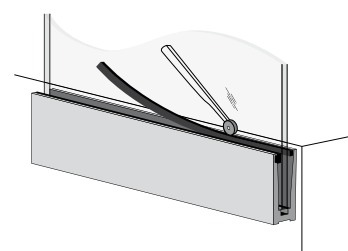
**BR-2039**

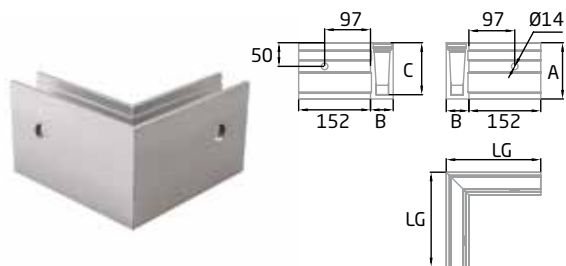
1

Espesor del cristal / Thickness of glass / Épaisseur du verre

PL-11**1** 12-12,38**2** 16,38-16,76**3** 20,38-20,76

Instalación / Installation / Installation

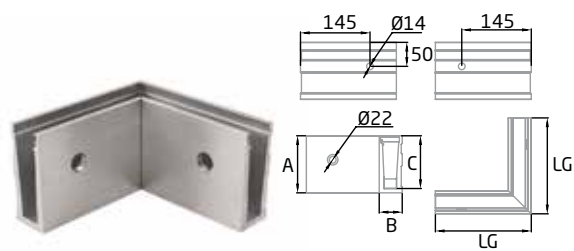
BR-2039 / BR-2041**1** BR-2041: Fijación / Fixation / Fixation**2** BR-2041: Extracción / Removal / Enlèvement**3** BR-2039



SV-1302 C OUTSIDE ANODIZED ALUMINIUM



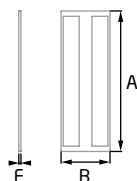
	LG	A	B	C
1	200	119	48	110



SV-1302 C INSIDE ANODIZED ALUMINIUM



	LG	A	B	C
1	200	119	48	110



PM-29

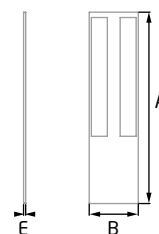
	A	B	E
1	124	51	2

SV-1302 con PM-52 (Para tramos rectos)
SV-1302 with PM-52 (For straight sections)
SV-1302 avec PM-52 (Pour des sections horizontales)



*Included

QLTY: Aluminium / AISI-316



PM-30

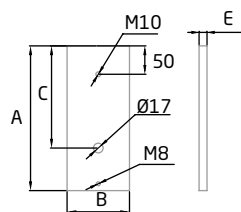
	A	B	E
1	196	51	2

SV-1302 con PM-52 (Para tramos en ángulo)
SV-1302 with PM-52 (For sloping sections)
SV-1302 avec PM-52 (Pour des sections inclinées)



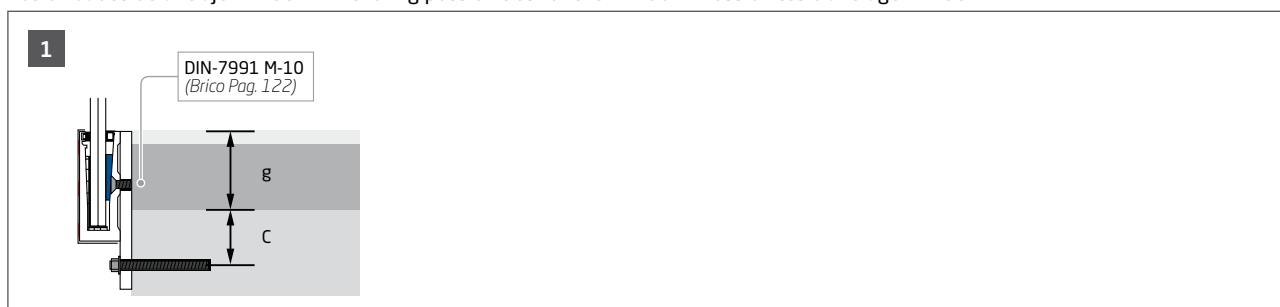
*Included

QLTY: Aluminium

**PM-60 ZINC PLATED**

	A	B	C	E
1	255	110	180	14

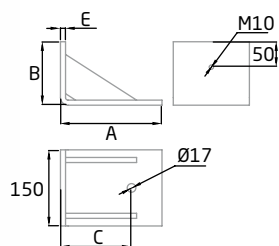
DIN-7991 M10 L20 (Brico Pag. 122)

**Posibilidades de anclaje PM-60 / Anchoring possibilities for the PM-60 / Possibilités d'ancrage PM-60**

C / g. Consultar distancia recomendada en función de normativa y carga de aplicación.
Check recommended distance according to the building regulations and required loads.
Consulter la distance recommandée selon la normatif du bâtiment et la charge demandé.

 ESP	0,8 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked
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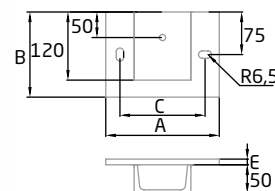
- * Consultar idoneidad de usos según parámetros de instalación.
Consult adequacy of uses according to installation parameters.
Vérifier la pertinence de l'utilisations par rapport au paramètres d'installation.
- * Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction
- * Calidad recomendada de hormigón comprimido y traccionado C25/30.
Recommended quality for uncracked/cracked concrete C25/30.
Qualité recommandé du béton comprimé et en traction C25/30.



PM-61 ZINC PLATED

	A	B	C	E
1	200	125	140	10
1	200	150	140	10

DIN-7991 M10 L20 (Brico Pag. 122)



PM-62 ZINC PLATED

	A	B	C	E
1	200	150	150	10

DIN-7991 M10 L20 (Brico Pag. 122)



Posibilidades de anclaje PM-61 - PM-62 / Anchoring possibilities for the PM-61 - PM-62 / Possibilités d'ancrage PM-61 - PM-62



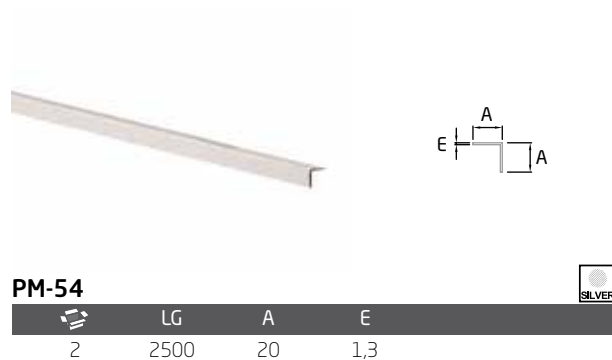
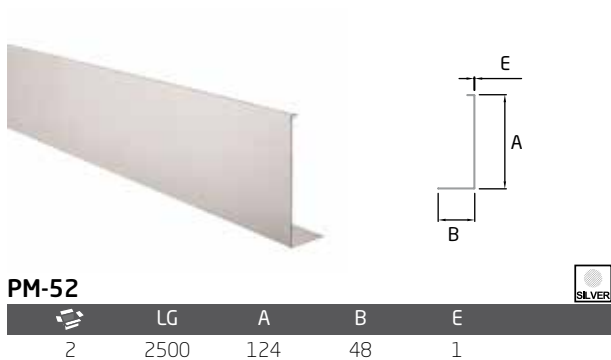
C / g. Consultar distancia recomendada en función de normativa y carga de aplicación.
Check recommended distance according to the building regulations and required loads.
Consulter la distance recommandée selon la normatif du bâtiment et la charge demandé.

ESP	0,8 kN/m	FAZ II M12X120 (B.12)	Cracked / Uncracked
ESP	0,8 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-439 M10	Cracked / Uncracked
ESP	0,8 kN/m	FBN II M12X116 (B.12)	Uncracked

* Consultar idoneidad de usos según parámetros de instalación.
Consult adequacy of uses according to installation parameters.
Vérifier la pertinence de l'utilisations par rapport au paramètres d'installation.

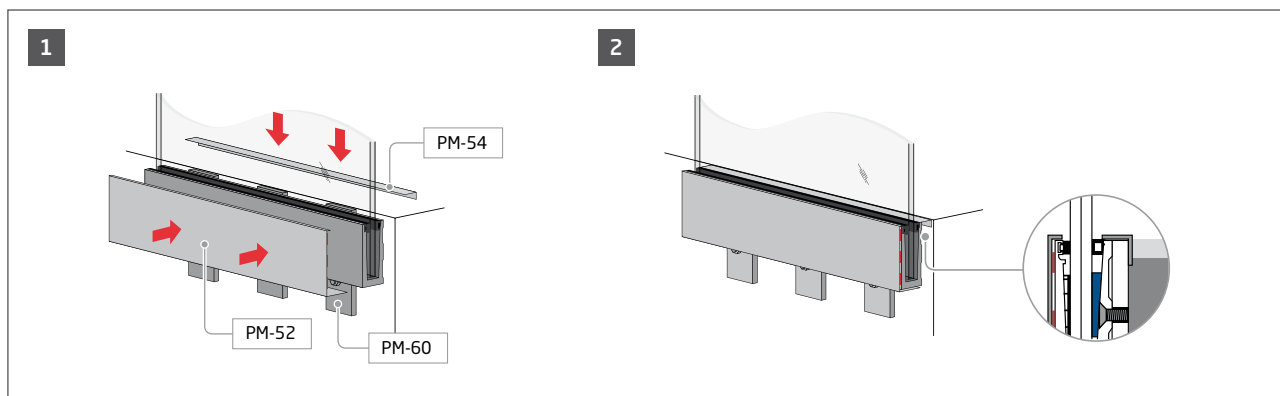
* Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

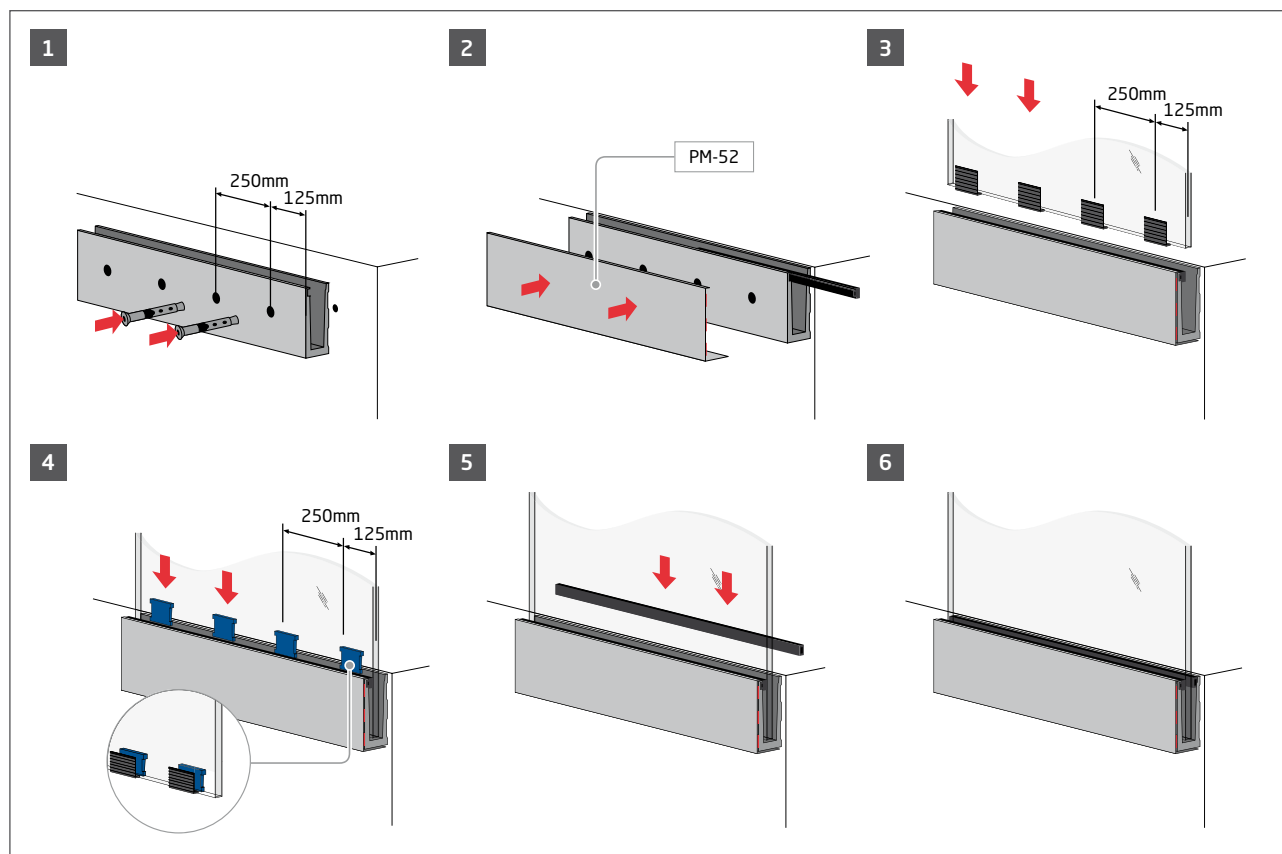
* Calidad recomendada de hormigón comprimido y traccionado C25/30.
Recommended quality for uncracked/cracked concrete C25/30.
Qualité recommandé du béton comprimé et en traction C25/30.

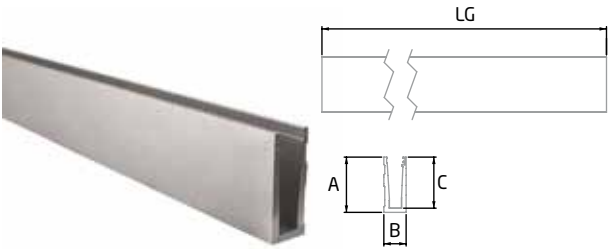


Instalación / Installation / Installation

PM-52 / PM-54



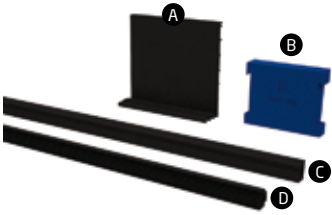




SV-1303 RAW ALUMINIUM / MILL FINISH

	LG	A	B	C
1	2500	119	48	110
1	5000	119	48	110

Sin taladros.
Without holes.
Sans trous.



PL-11

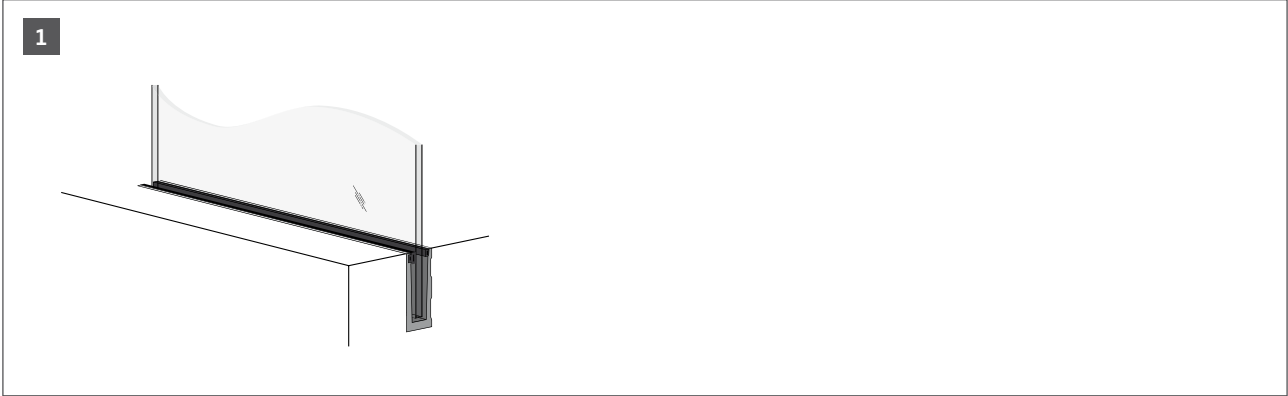
	A/Uds	B/Uds	C (LG)	D (LG)	G
1	10	10	2500	2500	12-12,38
1	10	10	2500	2500	16,38-16,76
1	10	10	2500	2500	20,38-20,76

El vidrio no necesita ser taladrado. Sistema de fijación con cuñas.
No need to drill glass panels. Fixing Wedge System.
Le verre n'a pas besoin d'être percé. Système de fixation avec des cales.



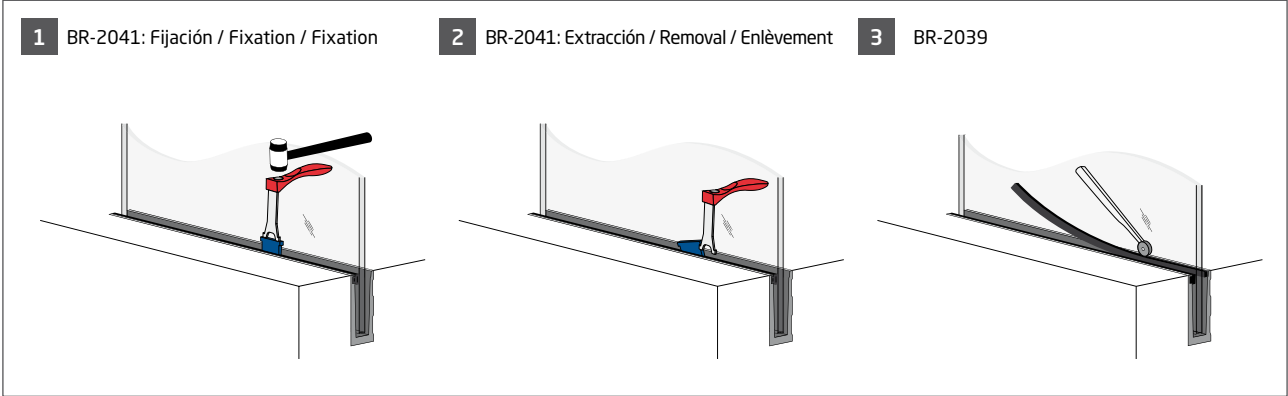
Instalación perfil embutido / Embedded installation / Installation profil encastré

SV-1303



Instalación / Installation / Installation

BR-2039 / BR-2041





Comenza RAL colours





[esp]

En Comenza sabemos que el acabado de la barandilla juega un papel muy importante en el resultado final de tu proyecto, y por eso ponemos a tu disposición una amplia variedad de colores de la carta RAL con los cuales podrás dar a tu proyecto una identidad única y personal.

Además, te garantizamos la máxima calidad de todo el proceso de lacado realizado bajo los estándares del sello Qualicoat.

Perfiles disponibles en colores RAL:

- SV-1401
- SV-1301

[eng]

At Comenza we know that the finish of your railing plays an important role in your project's result. That is why we offer a wide range of colours of the RAL colour chart, with which you will be able to provide to your project a unique and personal identity.

We also guarantee the maximum quality of the entire coating process, which is carried under the standards of the Qualicoat label.

Available profiles in RAL colours:

- SV-1401
- SV-1301

[fra]

Chez Comenza, nous savons que la finition de votre garde-corps joue un rôle très important dans le résultat final de votre projet, et c'est pour cela que nous vous offrons une large gamme de couleurs de la palette RAL avec lesquels vous pourrez donner à votre projet une identité unique et personnelle.

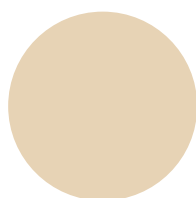
En plus, nous garantissons la plus haute qualité de tout le processus de laquage avec les standards du label Qualicoat.

Profils disponibles en couleurs RAL :

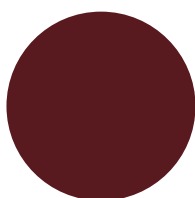
- SV-1401
- SV-1301



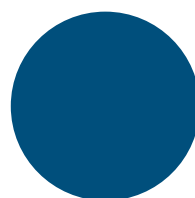
RAL 1013



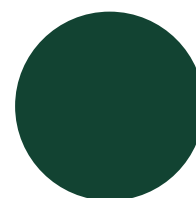
RAL 1015



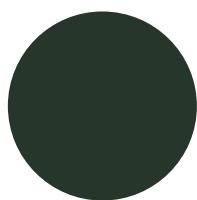
RAL 3005



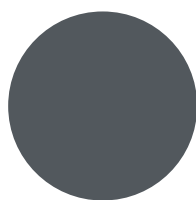
RAL 5010



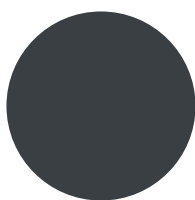
RAL 6005



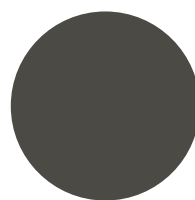
RAL 6009



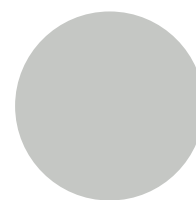
RAL 7011



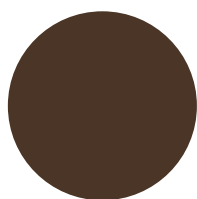
RAL 7016



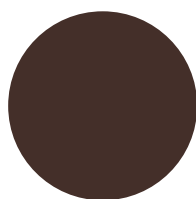
RAL 7022



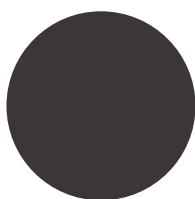
RAL 7035



RAL 8014



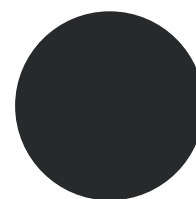
RAL 8017



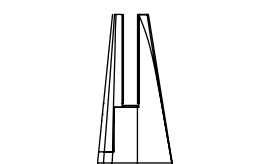
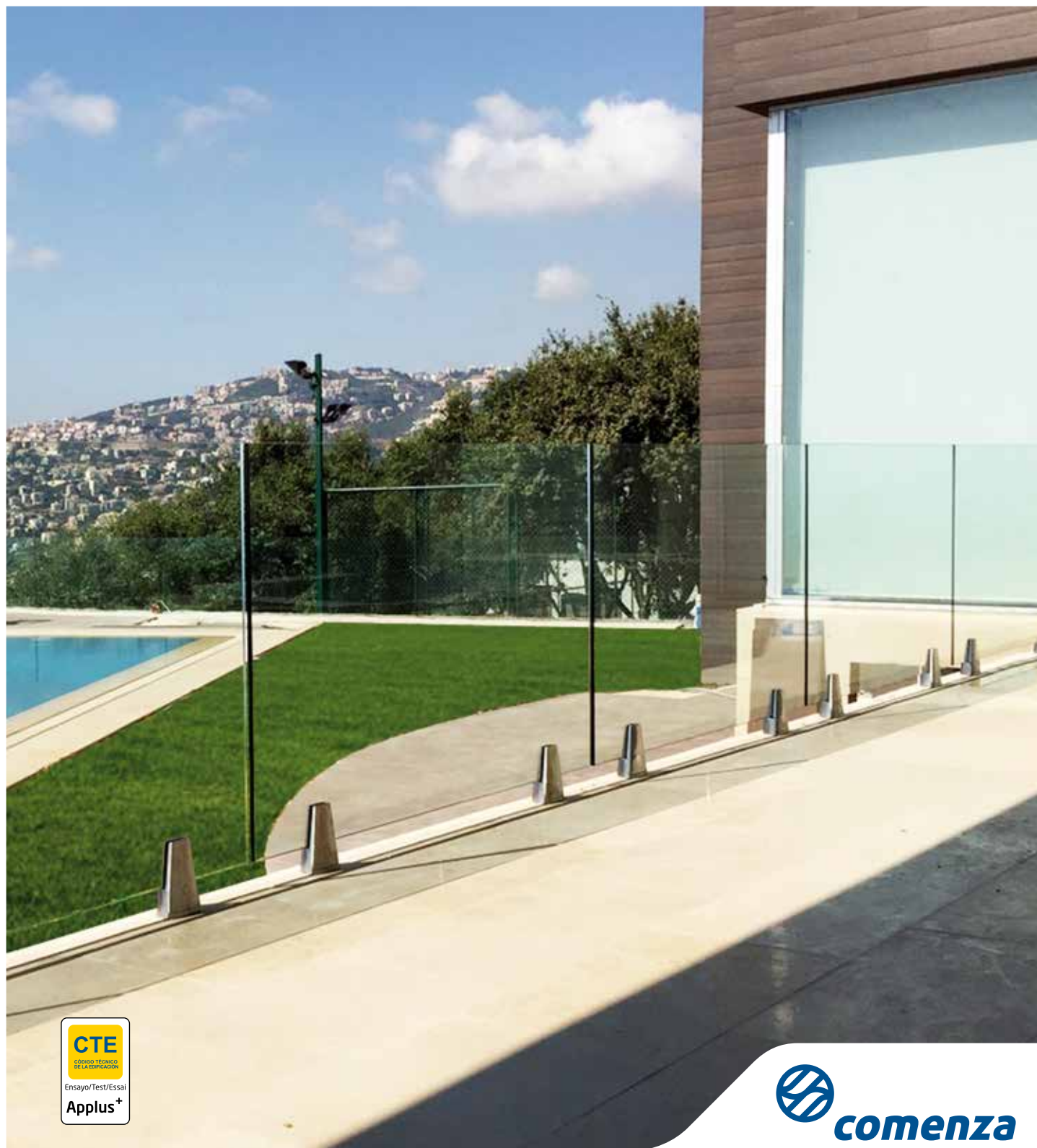
RAL 8019



RAL 9010



RAL 9011



Sistema / System / Système
GlassFit CC-780



GlassFit

CC-780

[esp]

El nuevo sistema de barandillas de cristal con pinza de suelo incorpora el dispositivo **Level 3D** que permite salvar irregularidades del forjado manteniendo la estética.

Diseñado conforme a los diferentes Códigos Técnicos de Edificación para usos en espacios privados como viviendas unifamiliares, balcones de hoteles y edificios residenciales o como cerramiento de piscinas. Ensayo de carga de 0,8 kN certificado por Applus.

Este sistema reúne los valores diferenciales de la marca Comenza:

- **Diseño.** El diseño del sistema CC-780 se caracteriza por ser innovador, minimalista y elegante, en consonancia con la arquitectura actual.
- **Seguridad.** Nuestro objetivo es garantizar la seguridad del usuario final, cumpliendo todos los requisitos técnicos de carácter legal y reglamentario. Ensayamos nuestros sistemas según las normativas internacionales en nuestro laboratorio y en certificadoras acreditadas.
- **Facilidad de instalación.** De acuerdo con nuestro compromiso de garantizar montajes sencillos, rápidos y económicos, el nuevo sistema GlassFit CC-780 incorpora los dispositivos de nivelación Slot 180 y Level 3D que permiten una perfecta nivelación con el vidrio instalado.

[esp]

The new glass railing system with floor clamp incorporates the **Level 3D** device which has the capacity to supersede irregularities of an uneven floor while maintaining desirable aesthetics.

Designed according to the different Technical Building Codes for use in private spaces such as homes, hotel balconies and residential flats or as a pool enclosure. Load test of 0.8 kN certified by Applus.

This system brings together the differential values of the Comenza brand:

- **Design.** The design of the CC-780 system is characterized by being innovative, minimalist and elegant, in line with modern day architecture.
- **Safety.** Guaranteed safety of the client, complying with all technical requirements of a legal and regulatory nature. We test our systems in our laboratory according to international standards and accredited certifiers.
- **Easy installation.** In accordance with our commitment to guarantee simple, fast and economical assemblies, the new GlassFit CC-780 system incorporates Slot 180 and Level 3D leveling devices that allow perfect alignment with the installed glass.

[esp]

Le nouveau système de garde-corps en verre propose l'intégration du dispositif **Level 3D** dans la pince au sol, ce qui permet de corriger les dénivellements de la dalle tout en conservant l'esthétique.

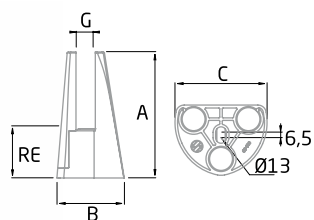
Il a été conçu selon les différents codes techniques du bâtiment pour une utilisation dans les espaces privés tels que les maisons individuelles, les balcons d'hôtels et les bâtiments résidentiels ou comme les abris de piscine.

Ce système réunit les valeurs qui différencient la marque Comenza :

- **Design.** Le design du système CC-780 se caractérise par son aspect innovant, minimaliste et élégant, en accord avec l'architecture contemporaine.
- **Sécurité.** Notre objectif est de garantir la sécurité de l'utilisateur final, tout en respectant les normes locales. Nos systèmes sont testés selon les normes internationales dans notre laboratoire et sont certifiés en externe par les organismes locaux compétant.
- **Facilité d'installation.** Conformément à notre engagement d'assurer un montage simplifié, rapide et économique, le nouveau système GlassFit CC-780 intègre les dispositifs de nivellement Slot 180 et Level 3D qui offrent un nivellement parfait avec le volume de verre installé.



New!



CC-780 AISI-316

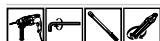
BA SATIN

	A	B	C	RE	G
1	155	83,6	110	60-65	12,38-21,52

Regulable.
Adjustable.
Ajustable.

Slot 180°

Level 3D



Normativa/Regulation/Norme	Uso/Use/Usage
CTE Applis*	Privado / Private / Privé
—	Público / Public / Public
—	Aglomeraciones / Agglomerations / Agglomérations

New!



PL-70

G	A /	B /
(12,38-12,76)	2	2
(16,38-16,76)	2	2

Kit juntas y gomas para vidrio para CC-780



BR-2031

	Ø	RE
1	2	7 - 40

Posibilidades de anclaje CC-780 / Anchoring possibilities for the CC-780 / Possibilités d'ancrage CC-780

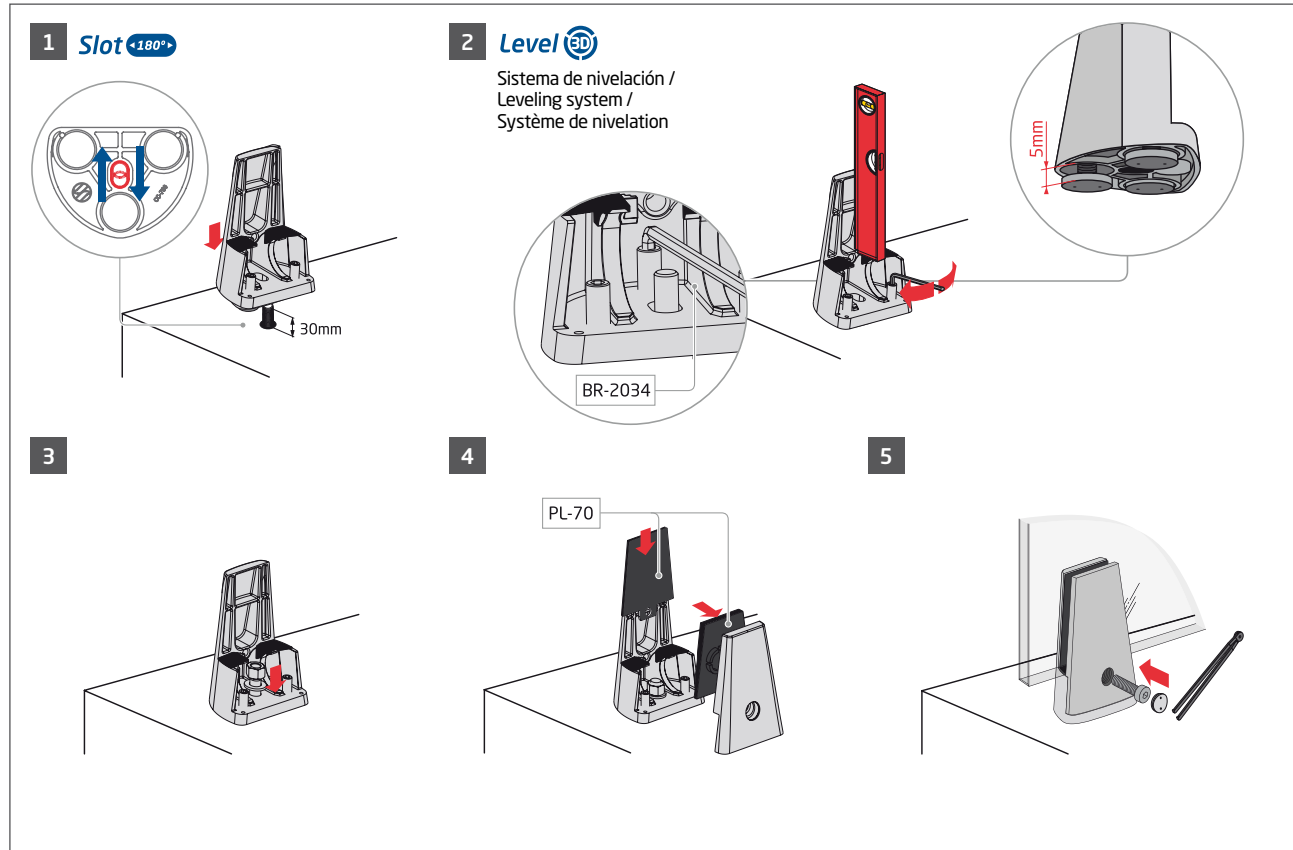
ESP	0,8 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12 + DIN-934 M12	Cracked / Uncracked
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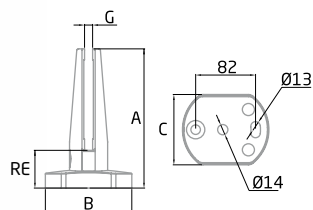
* Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction



Instalación / Installation / Installation

CC-780





CC-782 AISI-316

BA SATIN

	A	B	C	RE	G
1	190	118	96	52-57	12-17,52

Regulable.
Adjustable.
Ajustable.



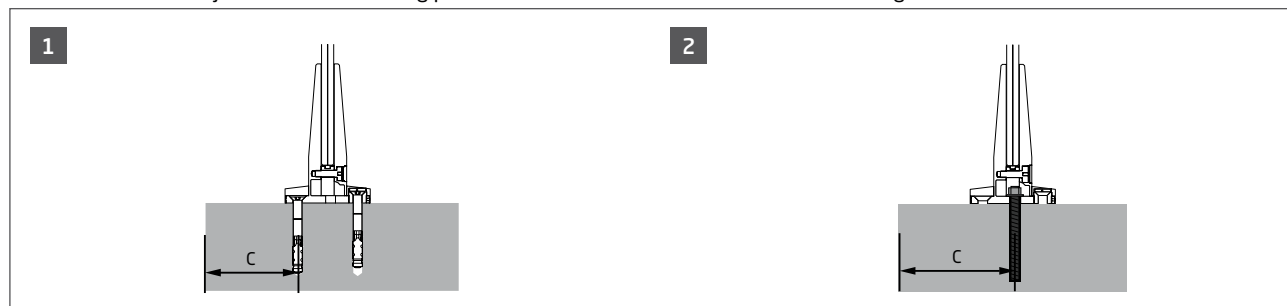
Normativa/Regulation/Norme	Uso/Use/Usage
	Privado / Private / Privé
—	Público / Public / Public
—	Aglomeraciones / Agglomerations / Agglomérations



BR-2031

	Ø	RE
1	2	7 - 40

Posibilidades de anclaje CC-782 / Anchoring possibilities for the CC-782 / Possibilités d'ancrage CC-782



- C. Consultar distancia recomendada en función de normativa y carga de aplicación.
Check recommended distance according to the building regulations and required loads.
Consulter la distance recommandée selon la normatif du bâtiment et la charge demandé.

	ESP	0,8 kN/m		FH II-SK M8X105 (B.12)	Cracked / Uncracked
	ESP	0,8 kN/m		FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked

- * Consultar idoneidad de usos según parámetros de instalación.
Consult adequacy of uses according to installation parameters.
Vérifier la pertinence de l'utilisations par rapport au paramètres d'installation.

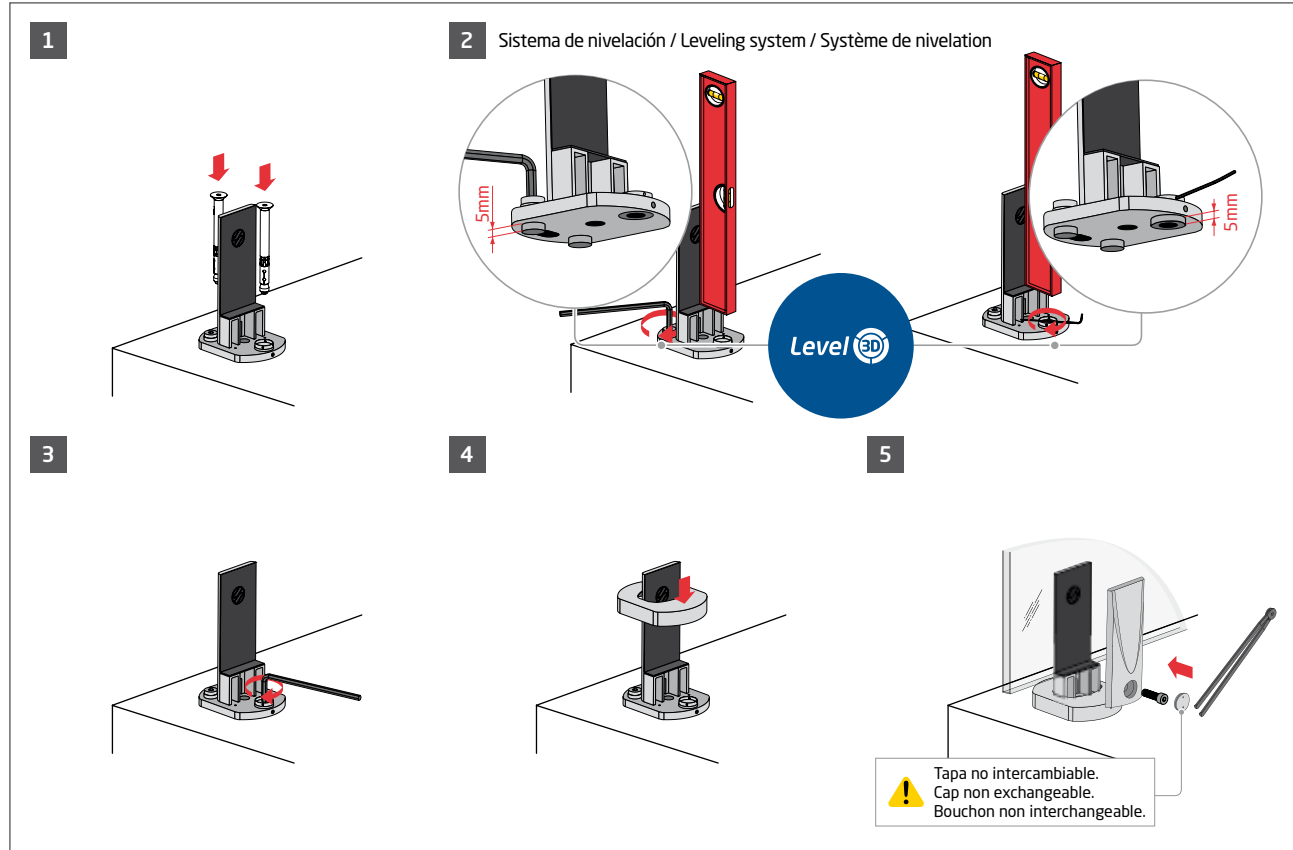
- * Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

- * Calidad recomendada de hormigón comprimido y traccionado C25/30.
Recommended quality for uncracked/cracked concrete C25/30.
Qualité recommandé du béton comprimé et en traction C25/30.

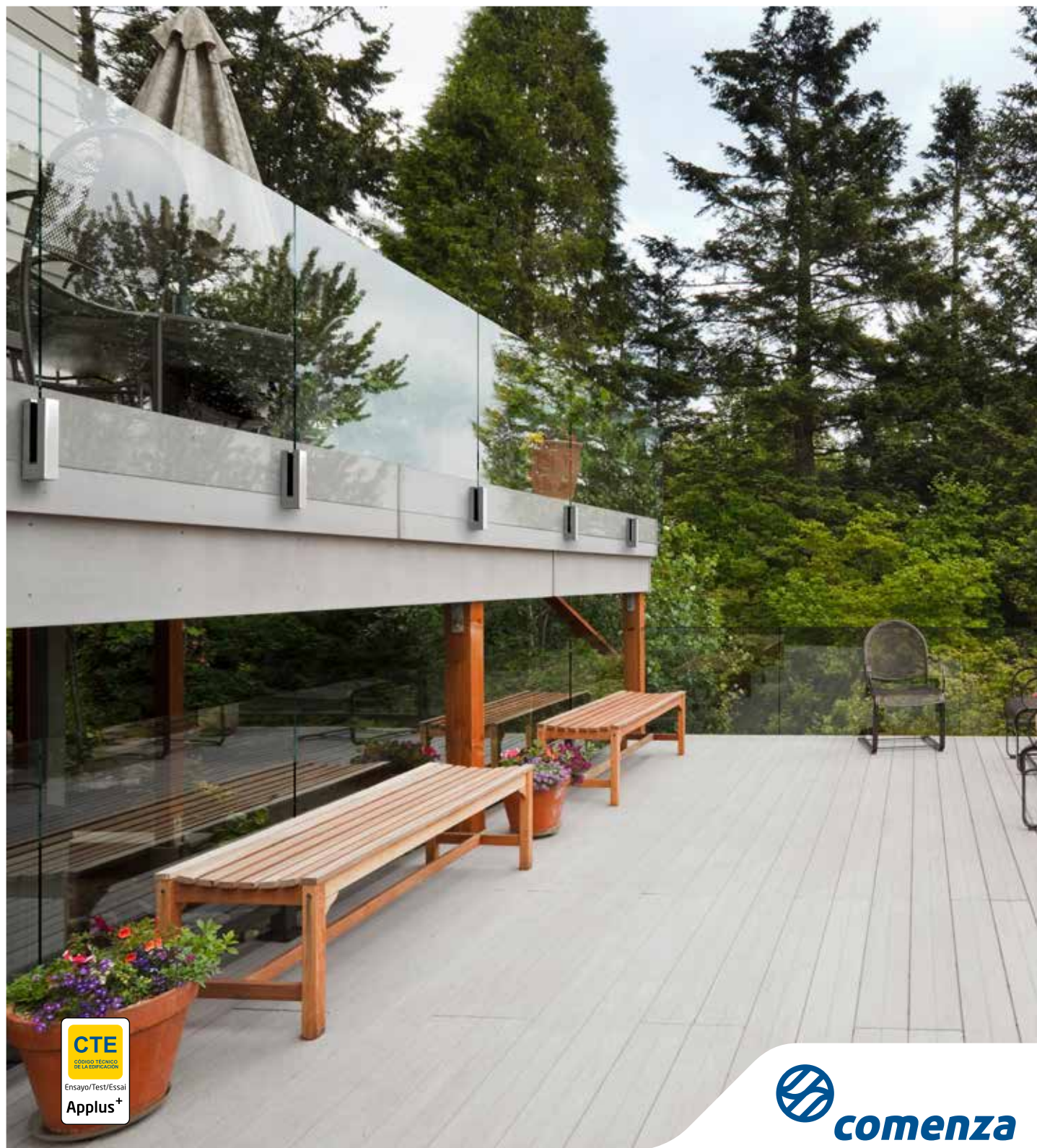


Instalación / Installation / Installation

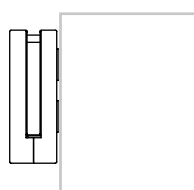
GlassFit CC-782



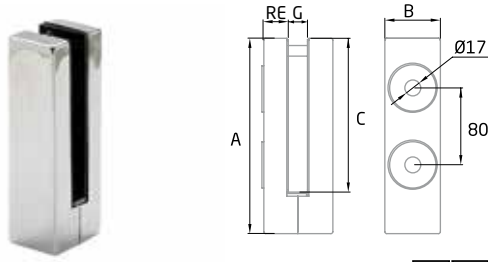
Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com



 **comenza**
Railing Passion



Sistema / System / Système
GlassFit CC-791



CC-791 AISI-316

BA SATIN

	A	B	C	RE	G
1	203	58	160	27-33	16,38-21,52

Regulable.
Adjustable.
Ajustable.

Level 2D

Slot 360°



Normativa/Regulation/Norme	Uso/Use/Usage
	Privado / Private / Privé
—	Público / Public / Public
—	Aglomeraciones / Agglomerations / Agglomérations

Posibilidades de anclaje CC-791 / Anchoring possibilities for the CC-791 / Possibilités d'ancrage CC-791

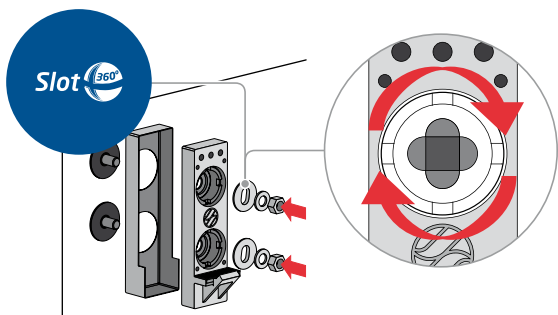
 ESP	0,8 kN/m	FIS V (FIS VS 300 T) + DIN-975 M12 + DIN-125 M12+ DIN-934 M12	Cracked / Uncracked
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* Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

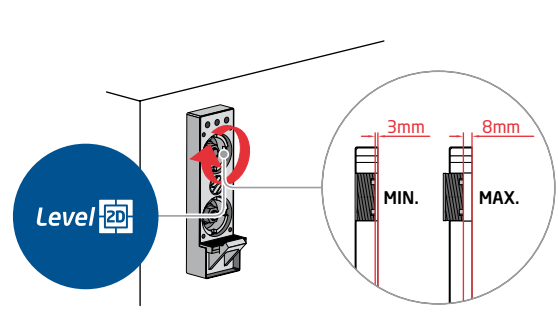
Instalación / Installation / Installation

CC-791

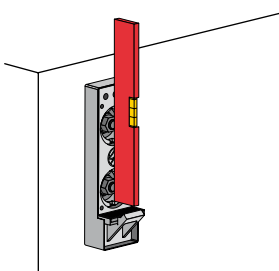
1 Dispositivo interior que permite ajustes de 360°
Inner device that allows 360° adjustments
Dispositif intérieur permettant des réglages de 360°



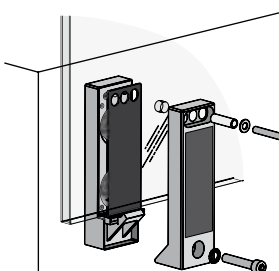
2 Sistema de nivelación / Leveling system / Système de nivelation



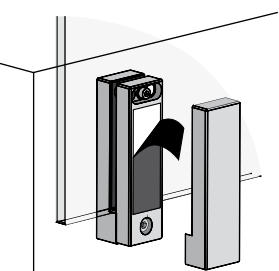
3



4



5



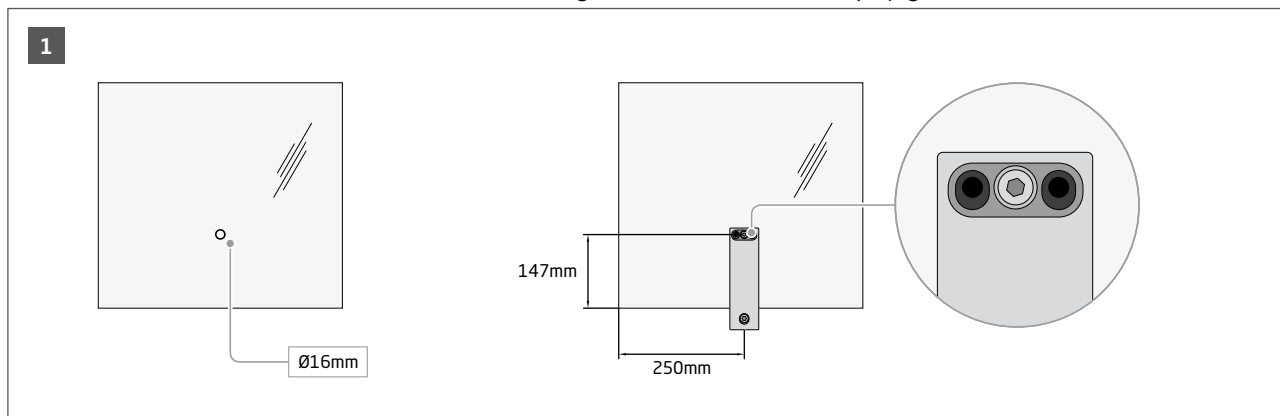


Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com



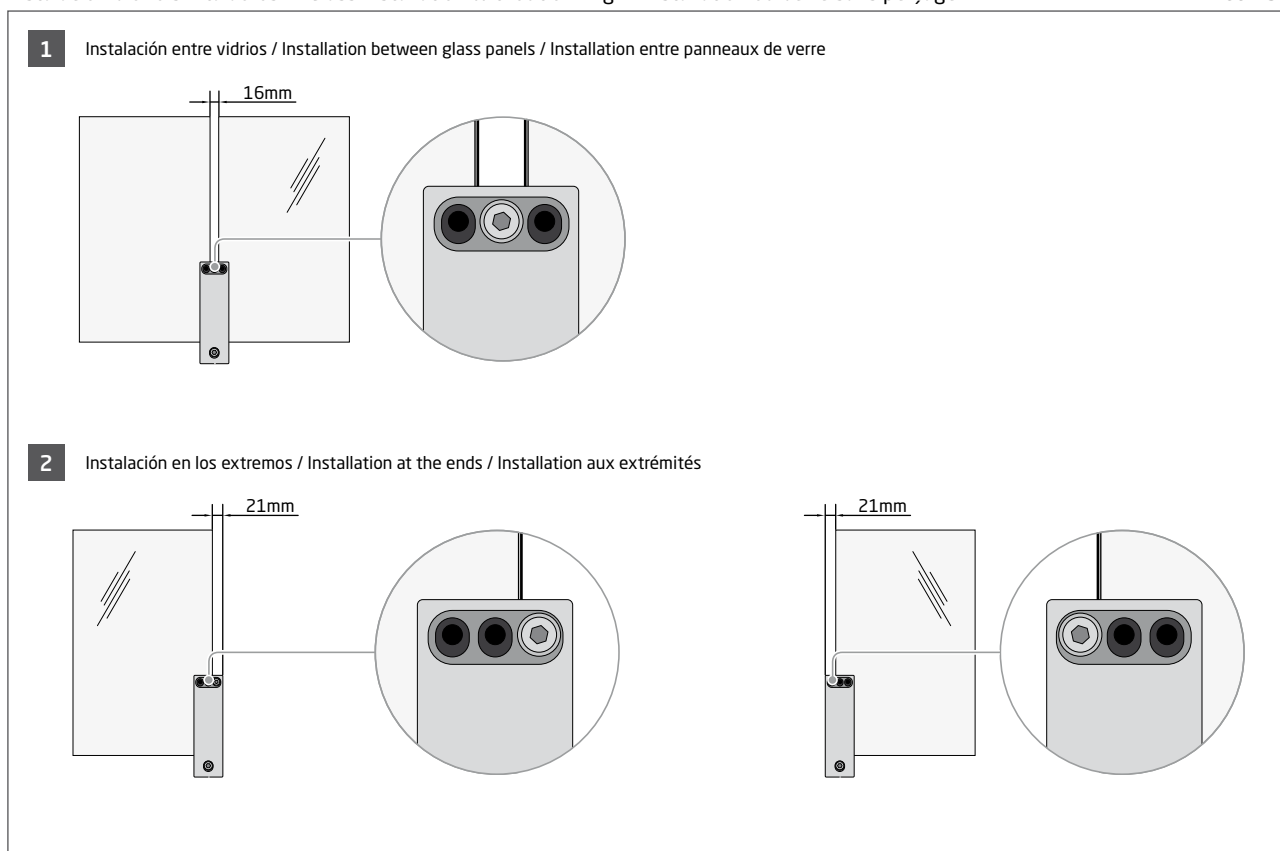
Instalación vidrio con taladros / Glass installation with drilling / Installation du verre avec perçage

CC-791



Instalación vidrio sin taladros / Glass installation without drilling / Installation du verre sans perçage

CC-791



*Passion
for design*



[esp]

Diseño exclusivo, seguridad y facilidad de instalación.

En Comenza estamos convencidos de que esas son las razones por las cuales los arquitectos más relevantes del panorama internacional nos consideran la marca preferida en sistemas de barandillas.

Visita nuestra galería de proyectos en www.comenza.com y déjate inspirar con alguno de los proyectos en donde nuestros sistemas de barandillas han sido instalados.

[eng]

Exclusive design, safety and ease of installation

At Comenza, we know that this is why many top architects around the world now think of us as their preferred brand of railing systems.

Visit our project gallery at www.comenza.com and get inspired by viewing some of the projects where our railing systems have been installed.

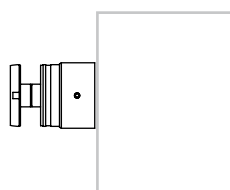
[fra]

Designs exclusifs, sécurité et facilité d'installation.

Chez Comenza, nous connaissons, sans l'ombre d'un doute, les raisons qui amènent les architectes de renommée internationale à se pencher pour notre marque au moment de choisir les garde-corps.

Visitez notre galerie de projets sur www.comenza.com et laissez-vous inspirer par l'un des ouvrages où nos systèmes de garde-corps y ont déjà été installés.

www.comenza.com



Sistema / System / Système
GlassFit CC-775

GlassFit

CC-775

[esp]

El nuevo sistema de botón para barandillas de vidrio con adaptador lateral en acero inoxidable AISI-316 incorpora el novedoso dispositivo **Level 2D** que permite nivelar los paneles de vidrio de forma rápida y sencilla, **incluso con el vidrio instalado.**

Diseñado conforme a normativa CTE para usos en espacios privados (0,8 kN/m) como viviendas unifamiliares, balcones de hoteles, balcones de edificios residenciales, escaleras, etc.

Este sistema reúne los valores diferenciales de la marca Comenza:

- **Diseño:** El diseño del sistema CC-775 se caracteriza por ser innovador, minimalista y elegante, en consonancia con la arquitectura actual.
- **Seguridad.** Nuestro objetivo es garantizar la seguridad del usuario final, cumpliendo todos los requisitos técnicos de carácter legal y reglamentario. Ensayamos nuestros sistemas según las normativas internacionales en nuestro laboratorio y en certificadoras acreditadas.
- **Facilidad de instalación:**  De acuerdo con nuestro compromiso de garantizar montajes sencillos, rápidos y económicos, el nuevo sistema GlassFit CC-775 incorpora los dispositivos de nivelación **Slot 360** y **Level 2D** que permiten una perfecta **nivelación con el vidrio instalado.**

[eng]

The new button system for glass railings with side adapter in stainless steel AISI-316 incorporates the new **Level 2D** device that allows you to align glass panels quickly and easily, **even with the glass already installed.**

Designed according to CTE (Technical Building Code) regulation for use in private spaces (0.8 kN /m) such as in the home, hotel balconies, residential building balconies, stairways, etc.

This system brings together the differential values of the Comenza brand:

- **Design:** The design of the CC-775 system is innovative, minimalist and elegant, and state of the art.
- **Safety:** Guaranteed safety of all balustrades and rail systems for the client, complying with all legal and regulatory technical requirements. We test our systems in our laboratory in accordance with international regulations and accredited certifiers.
- **Ease of installation:**  In accordance with our commitment to guarantee simple, fast and economical assemblies, the new GlassFit CC-775 system incorporates **Slot 360** and **Level 2D** leveling devices that enable **the installed glass to be perfectly aligned.**

[fra]

Le nouveau système de bouton pour garde-corps en verre, sans cadre, doté d'un adaptateur latéral en acier inoxydable AISI-316 et en intégrant l'innovant dispositif **Level 2D** qui permet de niveler les panneaux en verre de façon rapide et facile, **y compris avec le verre installé.**

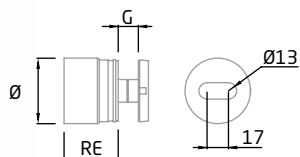
Il est conçu conformément à la réglementation CTE pour usage en espaces privés (0,8 kN/m : maisons individuelles, balcons d'hôtels, balcons d'immeubles d'habitation, escaliers, etc.

Ce système réunit les valeurs différentielles de la marque Comenza :

- **Design:** le système CC-775 est doté d'un design innovant, minimaliste et élégant dans le respect de l'architecture actuelle.
- **Sécurité.** notre objectif est de garantir la sécurité de l'utilisateur final, en respectant l'ensemble des exigences techniques en matière légale et réglementaire. Tous nos systèmes sont testés conformément aux réglementations internationales dans notre laboratoire et auprès d'organismes de certification agréés.
- **Facilité d'installation :**  Dans le souci de garantir des montages simples, rapides et économiques, le nouveau système GlassFit CC-775 intègre les dispositifs de nivellement **Slot 360** et **Level 2D** qui assurent un parfait **nivellement avec le verre installé.**



New!



CC-775 D.50 AISI-316

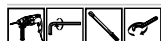
BA SATIN

	Ø	RE	G
2	52	45-50	8-21,52

BR-2030

	Ø
1	45-50

Regulable.
Adjustable.
Ajustable.



Normativa/Regulation/Norme

Uso/Use/Usage



Privado / Private / Privé



Público / Public / Public



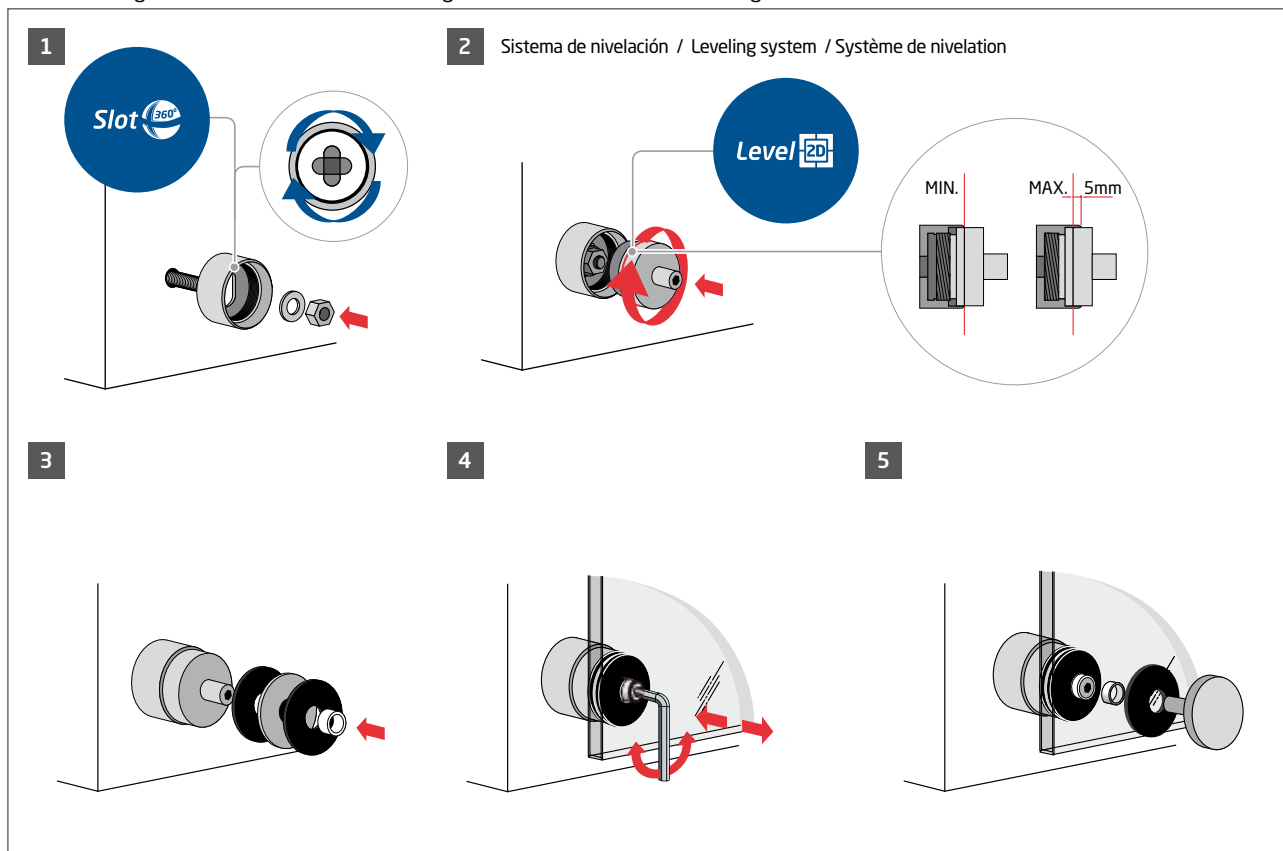
Aglomeraciones /
Agglomerations / Agglomérations

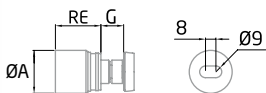
Posibilidades de anclaje CC-775 D.50 / Anchoring possibilities for the CC-775 D.50 / Possibilités d'ancrage CC-775 D.50

ESP	0,8 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-934 M10"	Cracked / Uncracked
ESP	0,8 kN/m	FAZ II M12X120 (B.12)	Cracked / Uncracked
ESP	0,8 kN/m	FBN II M10X96 (B.10)	Uncracked

* Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

Sistema de regulación CC-775 / Sistema de regulación CC-775 / Sistema de regulación CC-775





CC-775 D.30 AISI-316



	ØA	RE	G
2	33	35-40	8-17,52

Regulable.
Adjustable.
Ajustable.



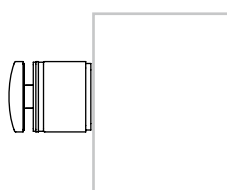
BR-2030

	Ø
1	30-32

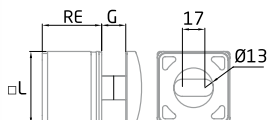
Posibilidades de anclaje CC-775 D.30 / Anchoring possibilities for the CC-775 D.30 / Possibilités d'ancrage CC-775 D.30

FIS V (FIS VS 300 T) + DIN-975 M8 + DIN-125 M8+ DIN-934 M8	Cracked / Uncracked
--	---------------------

* Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction



Sistema / System / Système
GlassFit CC-772



CC-772 AISI-316

BA SATIN

	L	RE	G
2	55	45-50	8-21,52

Regulable.
Adjustable.
Ajustable.

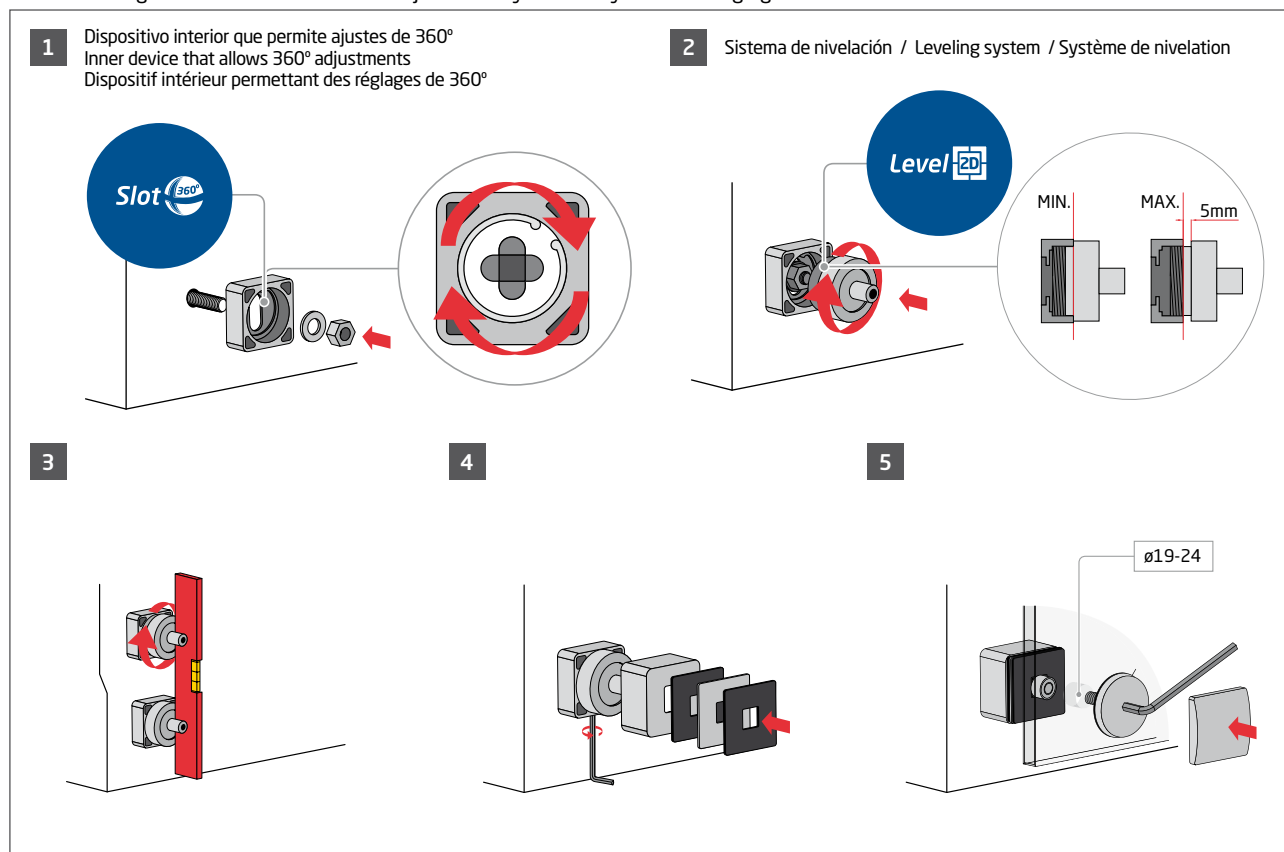

Normativa/Regulation/Norme	Uso/Use/Usage
CTE Applus ⁺	Privado / Private / Privé
—	Público / Public / Public
—	Aglomeraciones / Agglomerations / Agglomérations

Posibilidades de anclaje CC-772 / Anchoring possibilities for the CC-772 / Possibilités d'ancrage CC-772

ESP	0,8 kN/m	FIS V (FIS VS 300 T) + DIN-975 M10 + DIN-125 M10+ DIN-934 M10	Cracked / Uncracked
ESP	0,8 kN/m	FAZ II M12X120 (B.12)	Cracked / Uncracked
ESP	0,8 kN/m	FBN II M10X96 (B.10)	Uncracked

* Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

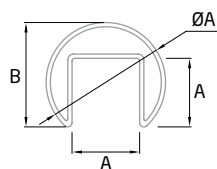
Sistema de regulación CC-772 / CC-772 adjustment system / Système de réglage CC-772



Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com



 **comenza**
Railing Passion

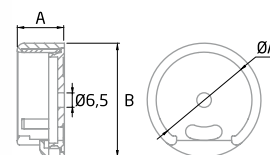


RP-1400 AISI-316

BA SATIN

LG	øA	A	B	E*
5000	42,4	24	37	1,5

New!

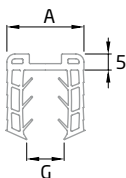


AV-605 AISI-316

BA SATIN

	øA	A	B
2	42,4	21	51





PL-03

LG	A	G
5000	24	8-11,52
5000	24	12-13,52
5000	24	16,38-17,52
5000	24	20,38-21,52



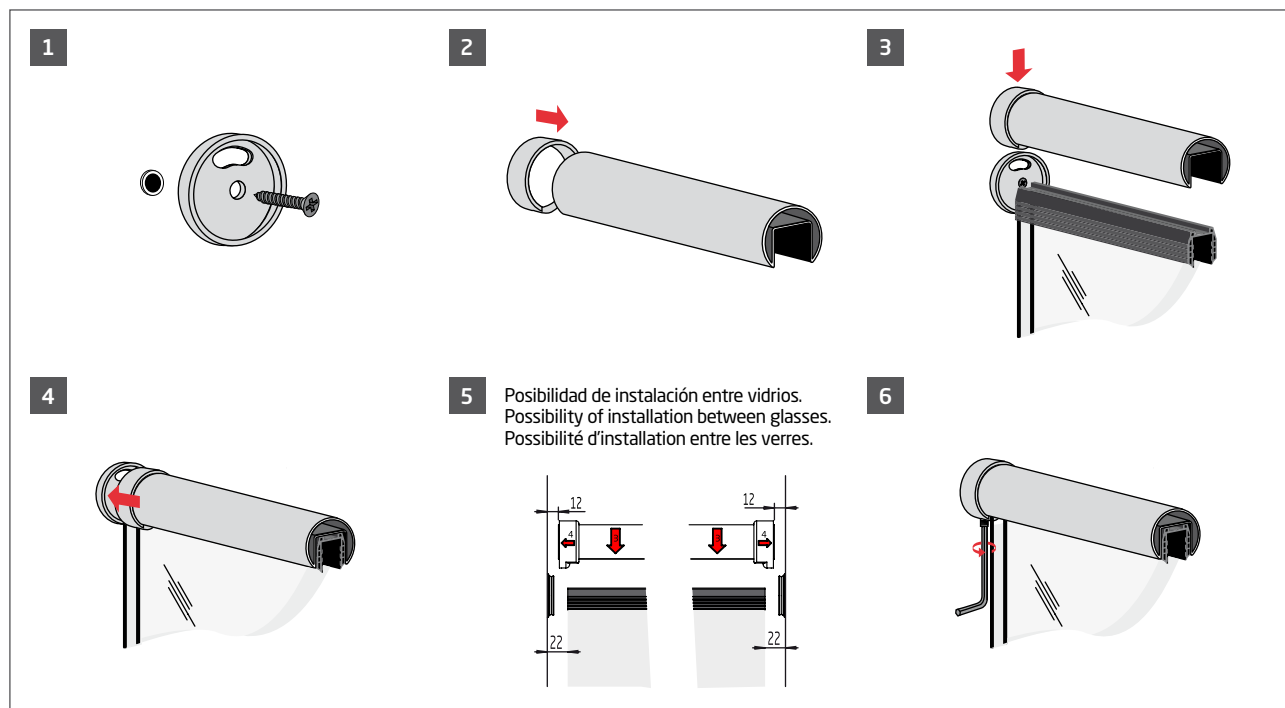
FIS MS PRO BLACK



1

Instalación / Installation / Installation

AV-605

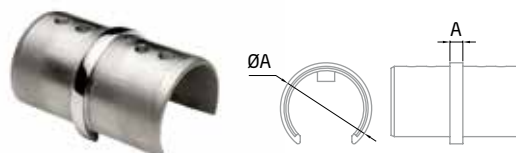




CT-211 AISI-316

BA SATIN

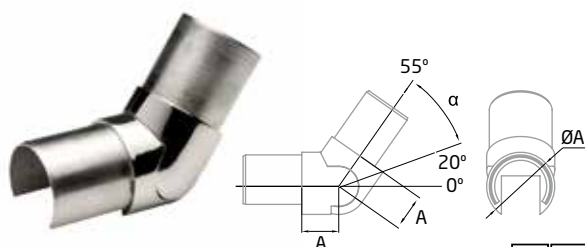
	ØA	A	E*
2	42,4	50	1,5



CT-212 AISI-316

BA SATIN

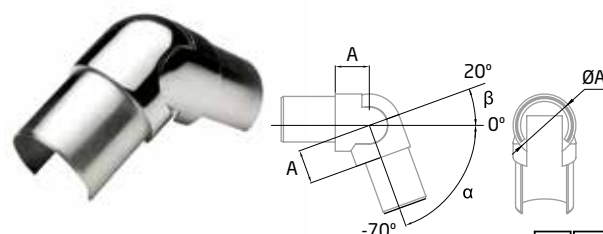
	ØA	A	E*
2	42,4	4	1,5



SA-416 AISI-316

BA SATIN

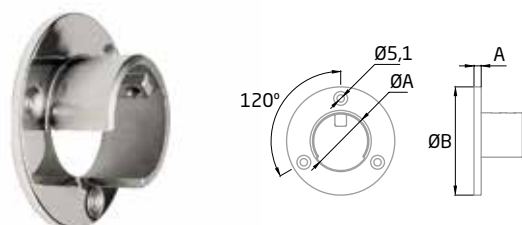
	ØA	A	E*	α
2	42,4	23	1,5	20-55°



SA-417 AISI-316

BA SATIN

	ØA	A	E*	α	β
2	42,4	23	1,5	0-70°	0-20°



AV-609 AISI-316

BA SATIN

	ØA	ØB	A	E*
2	42,4	75	5	1,5

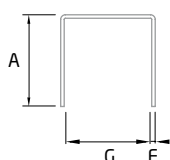
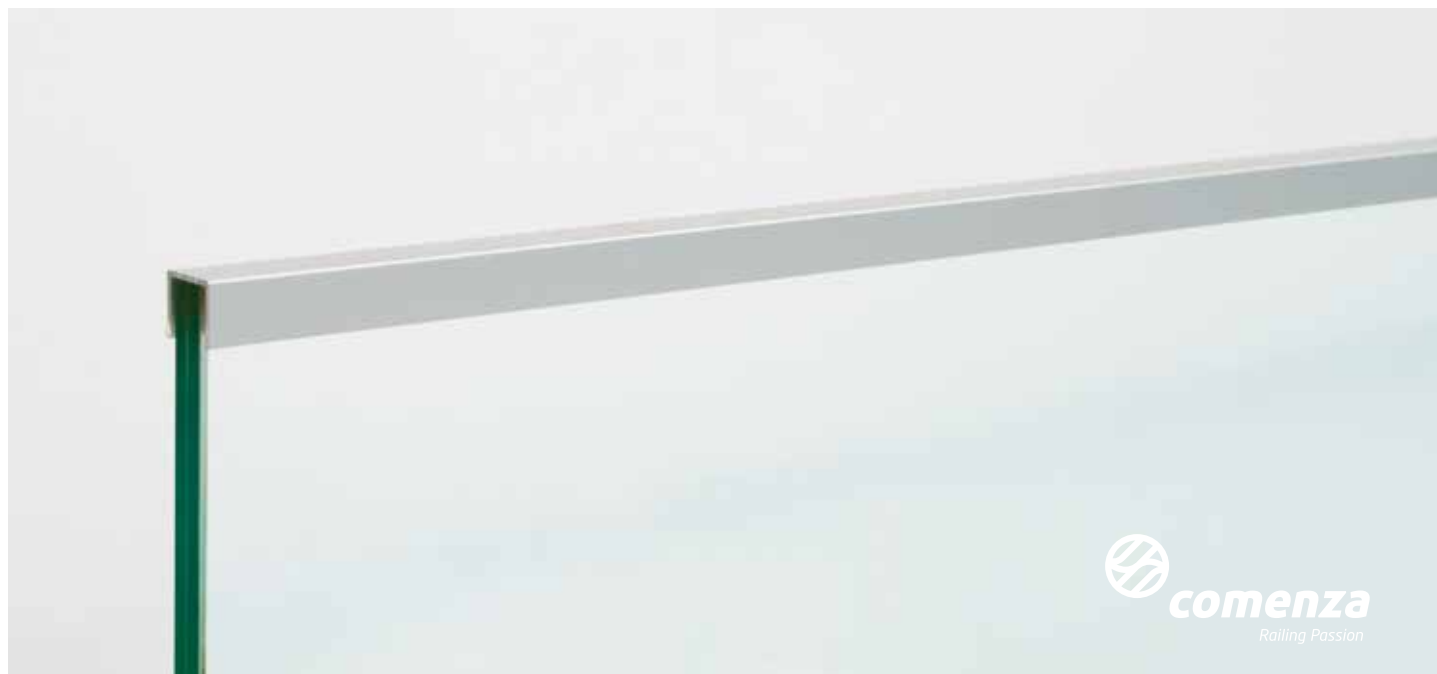


TF-512 AISI-316

BA SATIN

	ØA	A	E*
2	42,4	3	1,5





SV-1250 ANODIZED ALUMINIUM



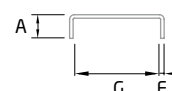
	LG	G	A	E
2	2500	12-12,76	15	1,5
2	2500	16,38-17,52	20	1,5
2	2500	20,38-21,52	20	1,5

RP-62 (Brico Pag. 120)



*Not included

New!



SV-1260 AISI-316



	LG	G	A	E
2	2500	16,38-17,52	5	1
2	2500	20,38-21,52	5	1

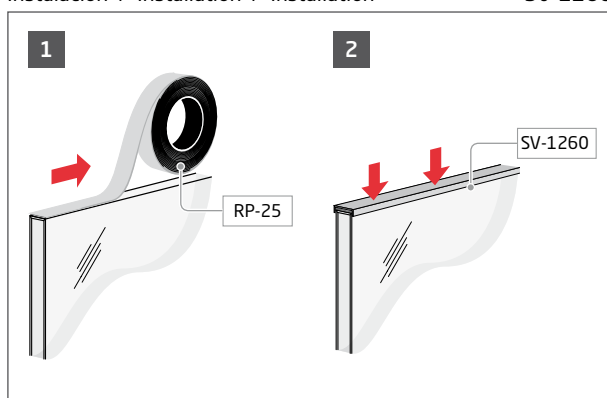
RP-25 (Brico Pag. 120)

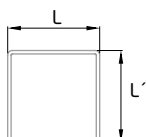


*Not included

Instalación / Installation / Installation

SV-1260

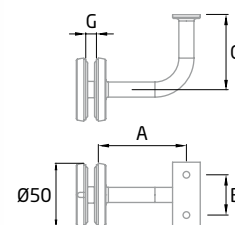




RP-1420 AISI-316

BA SATIN

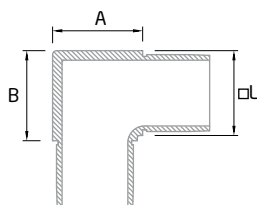
LG	L	L'	E*
6000	40	40	1,5



ST-315 AISI-316

BA SATIN

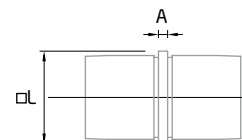
	A	B	C	G
2	70	32	59,5	(6-21,52)



CT-220 AISI-316

BA SATIN

	CL	A	B	E*
2	40x40	43	43	1,5

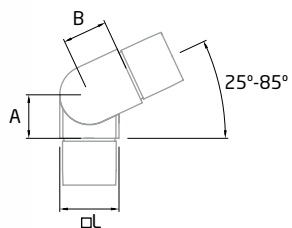


CT-221 AISI-316

BA SATIN

	CL	A	E*
2	40x40	4	1,5

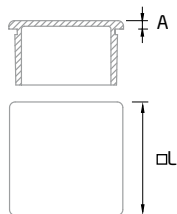




SA-433 AISI-316

BA SATIN

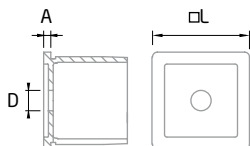
		A	B	E*
2	40x40	30	30	1,5



TF-530 AISI-316

BA SATIN

		A	E*
2	40x40	3	1,5



ST-333 AISI-316

BA SATIN

		A	D	E*
2	40x40	3	8,5	1,5

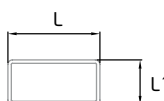
BR-2087 (Brico Pag. 127)

DIN-7981 Ø 6,3 L-60 (Brico Pag. 123)





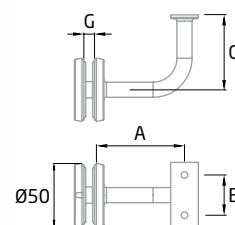
comenza
Railing Passion



RP-1420 AISI-316

BA SATIN

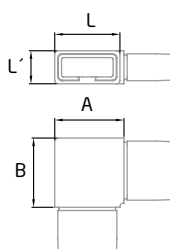
LG	L	L'	E*
6000	40	20	1,5



ST-315 AISI-316

BA SATIN

2	A	B	C	G
2	70	32	59,5	(6-21,52)



CT-230 AISI-316

BA SATIN

2	L	L'	A	B	E*
2	40	20	43	43	1,5

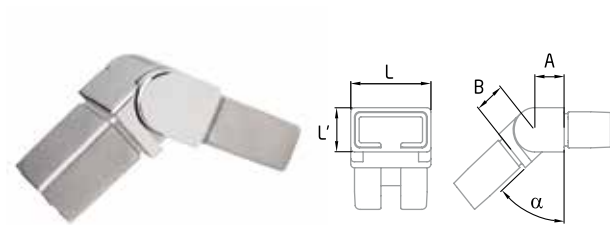


CT-232 AISI-316

BA SATIN

2	L	L'	A	E*
2	40	20	4	1,5

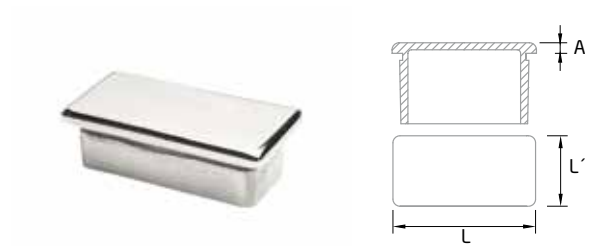




SA-432 AISI-316

BA SATIN

	L	L'	A	B	α	E*
2	40	20	15	15	0-90°	1,5



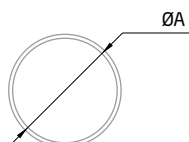
TF-535 AISI-316

BA SATIN

	L	L'	A	E*
4	40	20	3	1,5



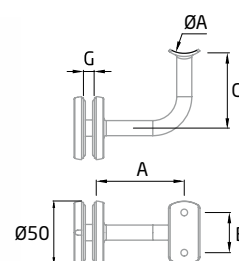
comenza
Railing Passion



RP-1430 AISI-316

BA SATIN

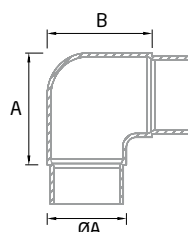
LG	ØA	E*
6000	43	1,5
6000	50,8	1,5



ST-314 AISI-316

BA SATIN

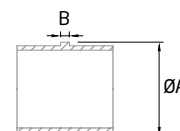
	ØA	A	B	C	G
2	43	70	32	59,5	(6-21,52)
2	50,8	70	32	59,5	(6-21,52)



CT-200 AISI-316

BA SATIN

	ØA	A	B	E*
2	43	55	55	1,5
2	50,8	60	60	1,5

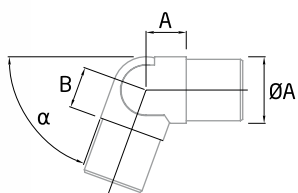


CT-207 AISI-316

BA SATIN

	ØA	B	E*
2	43	4	1,5
2	50,8	4	1,5

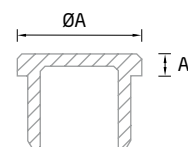




SA-409 AISI-316

BA SATIN

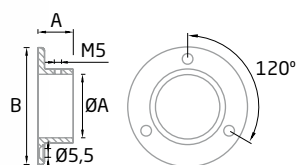
	$\varnothing A$	A	B	E*	α
2	43	26	26	1,5	0-90°
2	50,8	32	32	1,5	0-90°



TF-502 AISI-316

BA SATIN

	$\varnothing A$	A	E*
2	43	2	1,5
2	50,8	2	1,5



AV-601 AISI-316

BA SATIN

	$\varnothing A$	A	B
2	43	25	80
2	50,8	31	102

BR-2087 $\varnothing 4,5-6,0$ (Brico Pag. 127)





comenza
Railing Passion



RP-1450

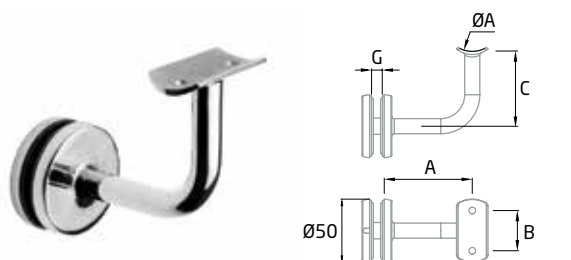
LG	Ø	Qty.
3000	45	Haya / Beech / Hêtre



RP-1450

LG	Ø	Qty.
3000	45	Sapeli

Tenga en cuenta que la madera es un producto natural y por tanto su color puede diferir.
Please note that Wood is a natural product and therefore its color might differ.
Merci de prendre en compte que le bois est un produit naturel et donc sa couleur peut différer.



ST-314 AISI-316

	ØA	A	B	C	G
2	43	70	32	59,5	(6-21,52)
2	50,8	70	32	59,5	(6-21,52)

BR-7981 (Brico Pag. 123)

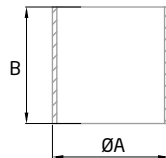


CT-215 AISI-304

	ØA	A	B
2	45	60	60

Pieza para pasamanos de madera.
Part for wood handrail.
Accessoire pour mains-courantes en bois.



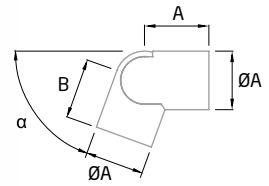


CT-216 AISI-304

BA SATIN

	ØA	B
2	45	45

Pieza para pasamanos de madera.
Part for wood handrail.
Accessoire pour mains-courantes en bois.

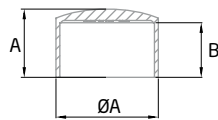


SA-413 AISI-304

BA SATIN

	ØA	A	B	α
2	45	49,5	46,4	0-70°

Pieza para pasamanos de madera.
Part for wood handrail.
Accessoire pour mains-courantes en bois.



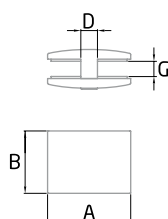
TF-513 AISI-304

BA SATIN

	ØA	A	B
2	45	30	24

Pieza para pasamanos de madera.
Part for wood handrail.
Accessoire pour mains-courantes en bois.

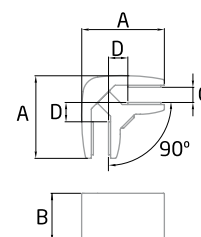




CC-736 AISI-316

BA SATIN

	A	B	D	G
2	60	45	12	(8-13,52)
2	60	45	12	(15-21,52)



CC-737 AISI-316

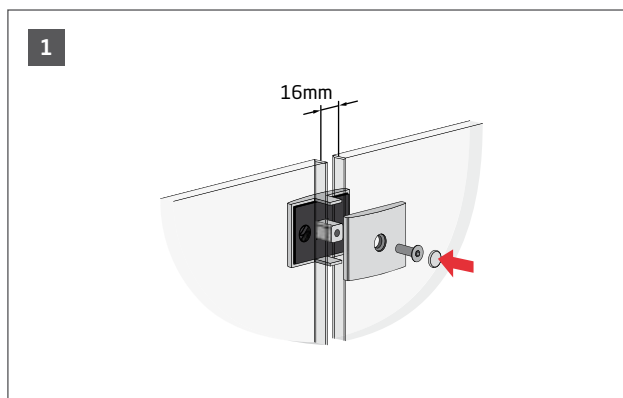
BA SATIN

	A	B	D	G
2	60	35	14	(8-13,52)
2	60	35	14	(15-21,52)



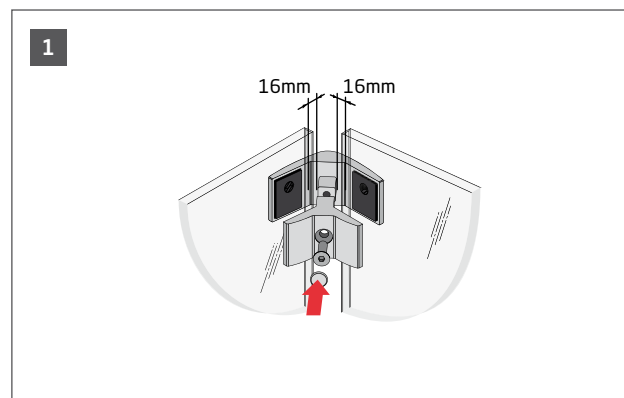
Instalación / Installation / Installation

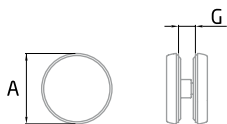
CC-736



Instalación / Installation / Installation

CC-737





CC-735 AISI-316

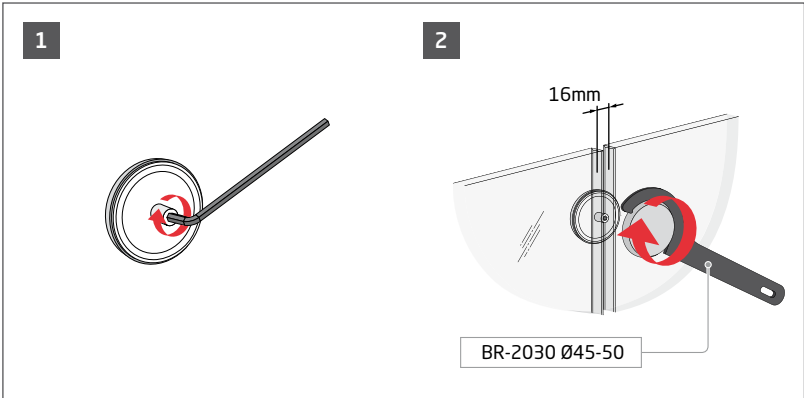
BA SATIN

	A	G
2	50	(8-13,52)
2	50	(15-21,52)



Instalación / Installation / Installation

CC-735



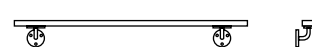
Handrail



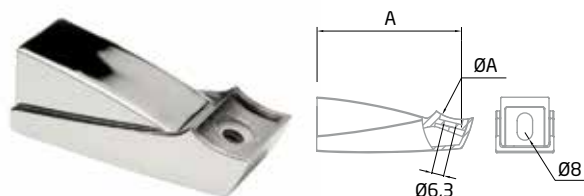
Sistema / System / Système
Handrail: Round



Sistema / System / Système
Handrail: Square



Sistema / System / Système
Handrail: Rectangular



ST-317 AISI-316

BA SATIN

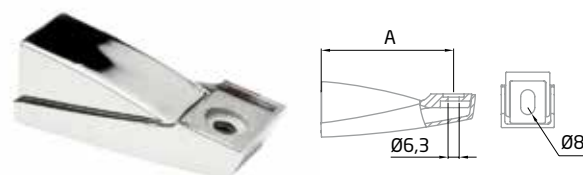
	ØA	A
2	43	75
2	50,8	75

BR-2012 (Brico Pag. 127)

DIN-7984 M-6 L-20 (Brico Pag. 123)

BR-2011 M-6 (Brico Pag. 123)

BR-2087 (Brico Pag. 127)



ST-334 AISI-316

BA SATIN

	A	E*
2	75	1,5

BR-2012 (Brico Pag. 127)

DIN-7984 M-6 L-20 (Brico Pag. 123)

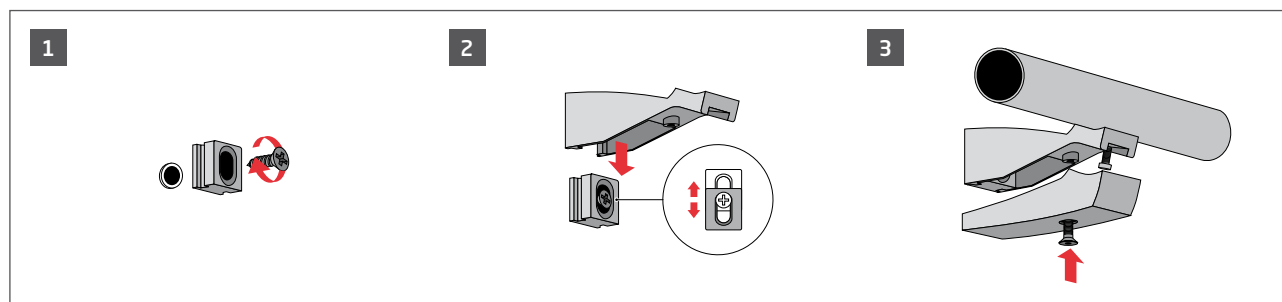
BR-2011 M-6 (Brico Pag. 123)

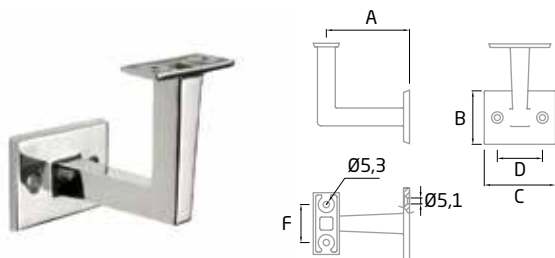
BR-2087 (Brico Pag. 127)



Instalación / Installation / Installation

ST-317 / ST-334





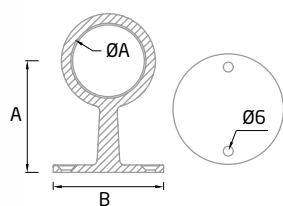
ST-335 AISI-316

BA SATIN

	A	B	C	D	F
2	70	45	60	38	32

BR-2087 (Brico Pag. 127)



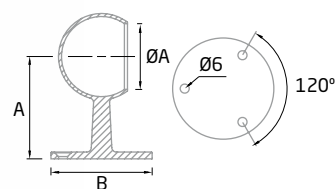


ST-304 AISI-316

BA SATIN

	ØA	A	B
2	43	68	67
2	50,8	78	80

BR-2087 (Brico Pag. 127)

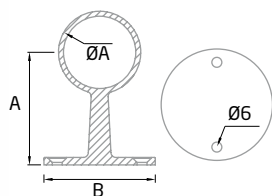


ST-305 AISI-316

BA SATIN

	ØA	A	B
2	43	68	67
2	50,8	78	80

BR-2087 (Brico Pag. 127)

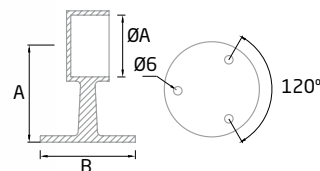


ST-306 AISI-316

BA SATIN

	ØA	A	B
2	43	72	69
2	50,8	83	63

BR-2087 (Brico Pag. 127)

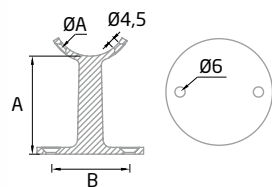


ST-307 AISI-316

BA SATIN

	ØA	A	B
2	43	72	69
2	50,8	83	63

BR-2087 (Brico Pag. 127)

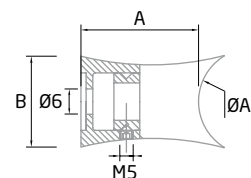


ST-311 AISI-316

BA SATIN

	ØA	A	B
2	43	57	62,5
2	50,8	57	62,5

BR-2087 (Brico Pag. 127)



ST-313 AISI-316

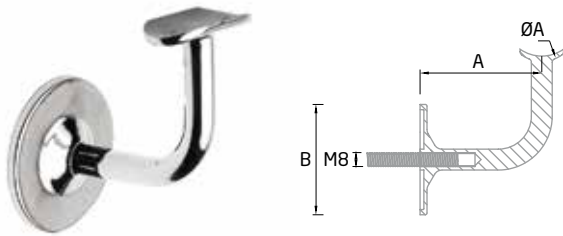
BA SATIN

	ØA	A	B
2	40	44	34

DIN-912 M-8 L-20 (Brico Pag. 127)

BR-2011 M-8 (Brico Pag. 123)

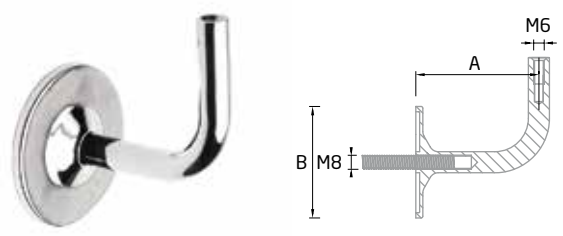




ST-340 AISI-316

BA SATIN

	ØA	A	B
2	43	70	63
2	50,8	70	63



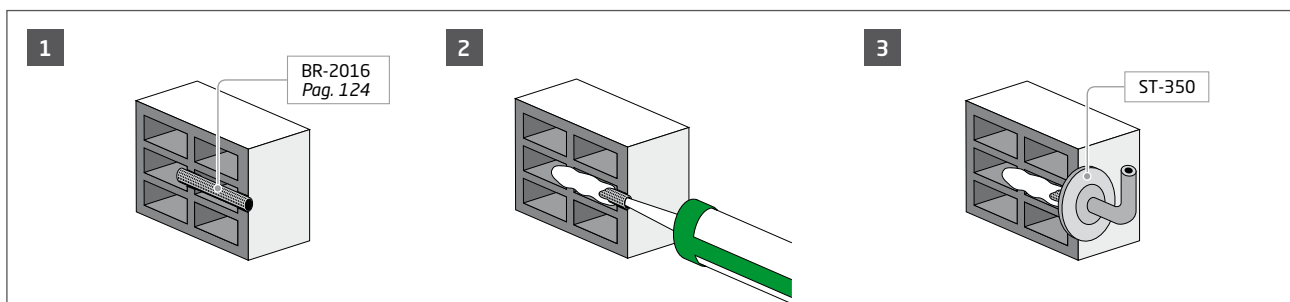
ST-350 AISI-316

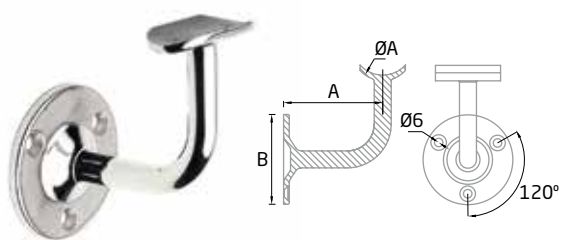
BA SATIN

	A	B
2	70	63



Instalación / Installation / Installation



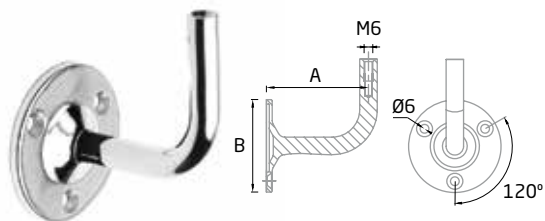


ST-303 AISI-316

BA SATIN

	ØA	A	B
2	43	70	63
2	50,8	70	63

BR-2087 (Brico Pag. 123)

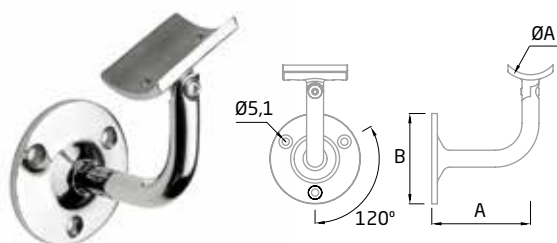


ST-351 AISI-316

BA SATIN

	A	B
2	70	63

BR-2087 (Brico Pag. 123)

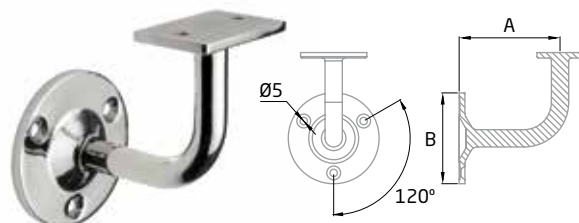


SA-410 AISI-316

BA SATIN

	ØA	A	B
2	43	70	63
2	50,8	70	63

BR-2087 (Brico Pag. 123)



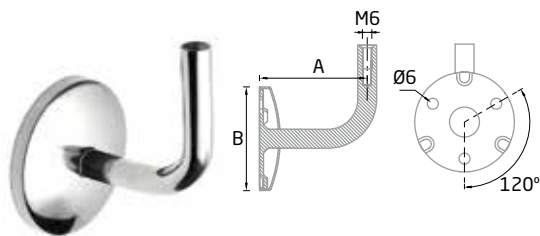
ST-316 AISI-316

BA SATIN

	A	B
2	70	63

BR-2087 (Brico Pag. 123)

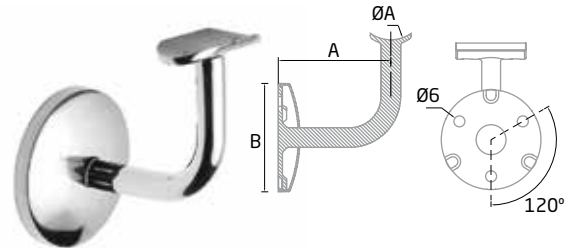




ST-352 AISI-316

BA SATIN

	A	B
2	69	66



ST-353 AISI-316

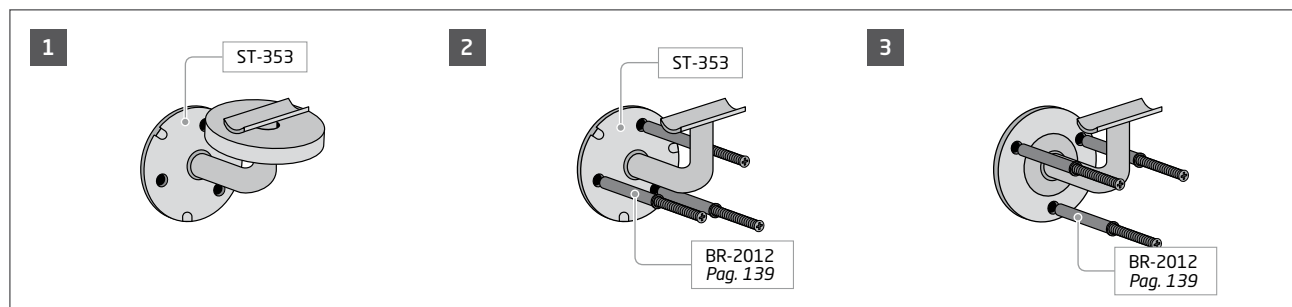
BA SATIN

	ØA	A	B
2	43	69	66
2	50,8	69	66

BR-2012 (Brico Pag. 127)



Instalación / Installation / Installation



El soporte está diseñado para posibilitar su fijación en un solo tiempo usando tacos premontados. Una vez finalizado el montaje y asegurado el soporte sobre la superficie de apoyo, se fija el embellecedor ejerciendo una pequeña presión sobre la base, quedando la goma oculta en su interior. [img.1]

Pasos de instalación con ST-353:

1. Taladrado de la pared
2. Colocación de pieza
3. Fijar el soporte a la pared con el taco premontado [img.2]

Pasos de instalación en soportes convencionales:

1. Taladrado de la pared
2. Colocación del tirafondo
3. Colocación de la pieza
4. Fijar el soporte [img.3]

This product has been designed to enable its fixing at once using nylon hammer drive anchor. Once the assembly is finished and the support is fastened on the support surface, the cover is placed pressing slightly on the base, and the rubber rests hidden inside. [img.1]

Installation steps with ST-353:

1. Drill the wall.
2. Place the ST-353.
3. Fix the support to the wall with the preassembled anchor. [img.2]

Installation steps with traditional supports:

1. Drill the wall.
2. Place the lag bolt.
3. Fix the piece.
4. Fix the support. [img.3]

Ce support a été conçu pour faire possible la fixation d'un coup d'ancrages pré-assemblés du type de cheville en plastique. Quand le montage est fini et le support bien fixé à la surface d'appui, on fixe l'enjoliveur en exerçant une petite pression sur la base, en restant la caoutchouc torique cache dans l'intérieur. [img.1]

Installation avec le support ST-353:

1. On perce le mur.
2. On place la ST-353
3. On fixe le support au mur avec l'ancrage pré-assemblé. [img.2]

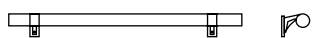
Installation avec un support traditionnel:

1. On perce le mur.
2. On place la vis tire-fond.
3. On place la pièce.
4. On fixe le support. [img.3]



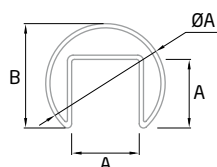
DecoLed

 **comenza**
Railing Passion



Sistema / System / Système

DecoLed

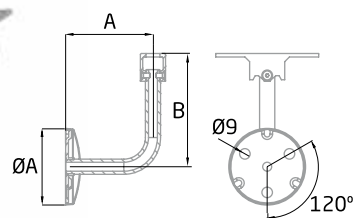


RP-1400 AISI-316

BA SATIN

LG	ØA	A	B	E*
5000	42,4	24	37	1,5

New!

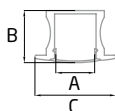


ST-346 AISI-316

BA SATIN

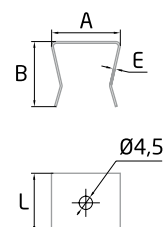
2	ØA	A	B
2	66	75	97

BR-2087 (Brico Pag. 127)



AL-01

LG	A	B	C
2000	12	16	24



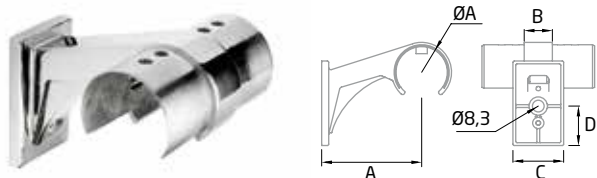
AL-00 AISI-304

10	A	B	L	E*
10	23,2	22	20	0,6

DIN-912 M-4 L-6 (Brico Pag. 122)

BR-2011 M-4 (Brico Pag. 123)

2pcs por metro lineal.
2pcs per linear meter.
2pcs chaque mètre linéaire.

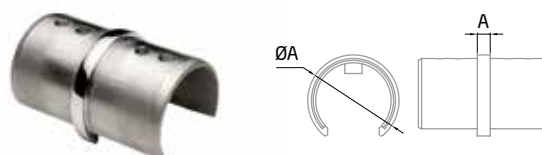


ST-345 AISI-316

BA SATIN

	2	ØA	A	B	C	D
	2	42,4	71	20	36	28

BR-2012 (Brico Pag. 127)



CT-212 AISI-316

BA SATIN

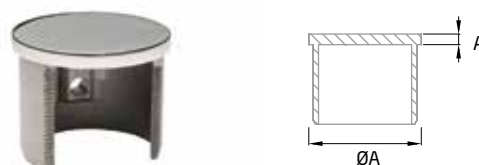
	2	ØA	A	E*
	2	42,4	4	1,5



CT-211 AISI-316

BA SATIN

	2	ØA	A	E*
	2	42,4	50	1,5



TF-512 AISI-316

BA SATIN

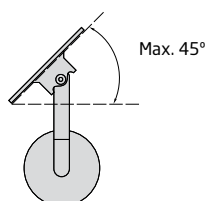
	2	ØA	A	E*
	2	42,4	3	1,5



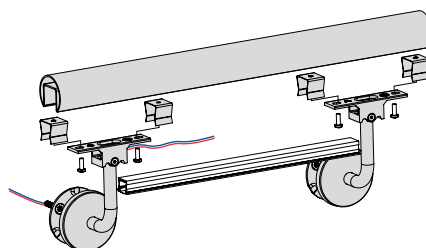
Instalación / Installation / Installation

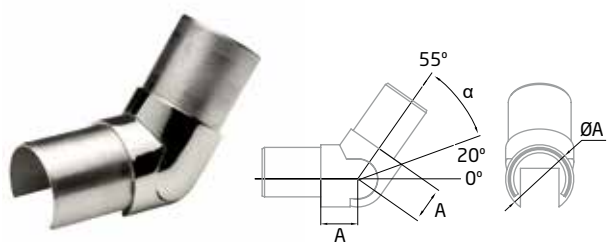
ST-346

1



2

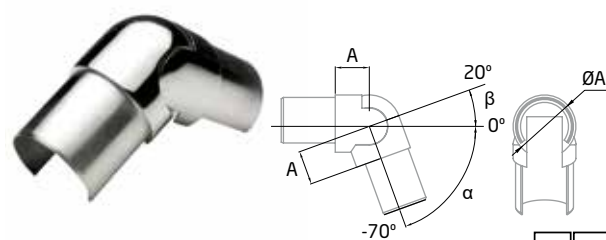




SA-416 AISI-316

BA SATIN

	2	ØA	A	E*	α
	2	42,4	23	1,5	20-55°



SA-417 AISI-316

BA SATIN

	2	ØA	A	E*	α	β
	2	42,4	23	1,5	0-70°	0-20°



BR-2086

m/bag	Lm/m	Colour
5m	900	Warm white

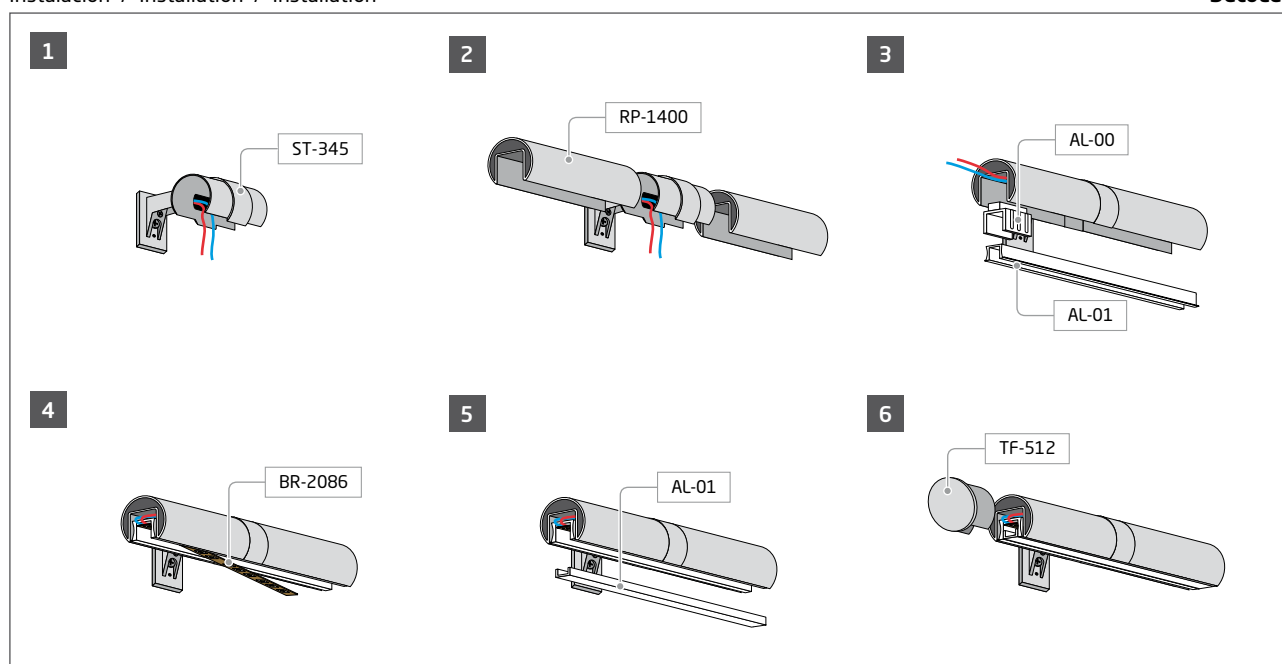


SP-200

1

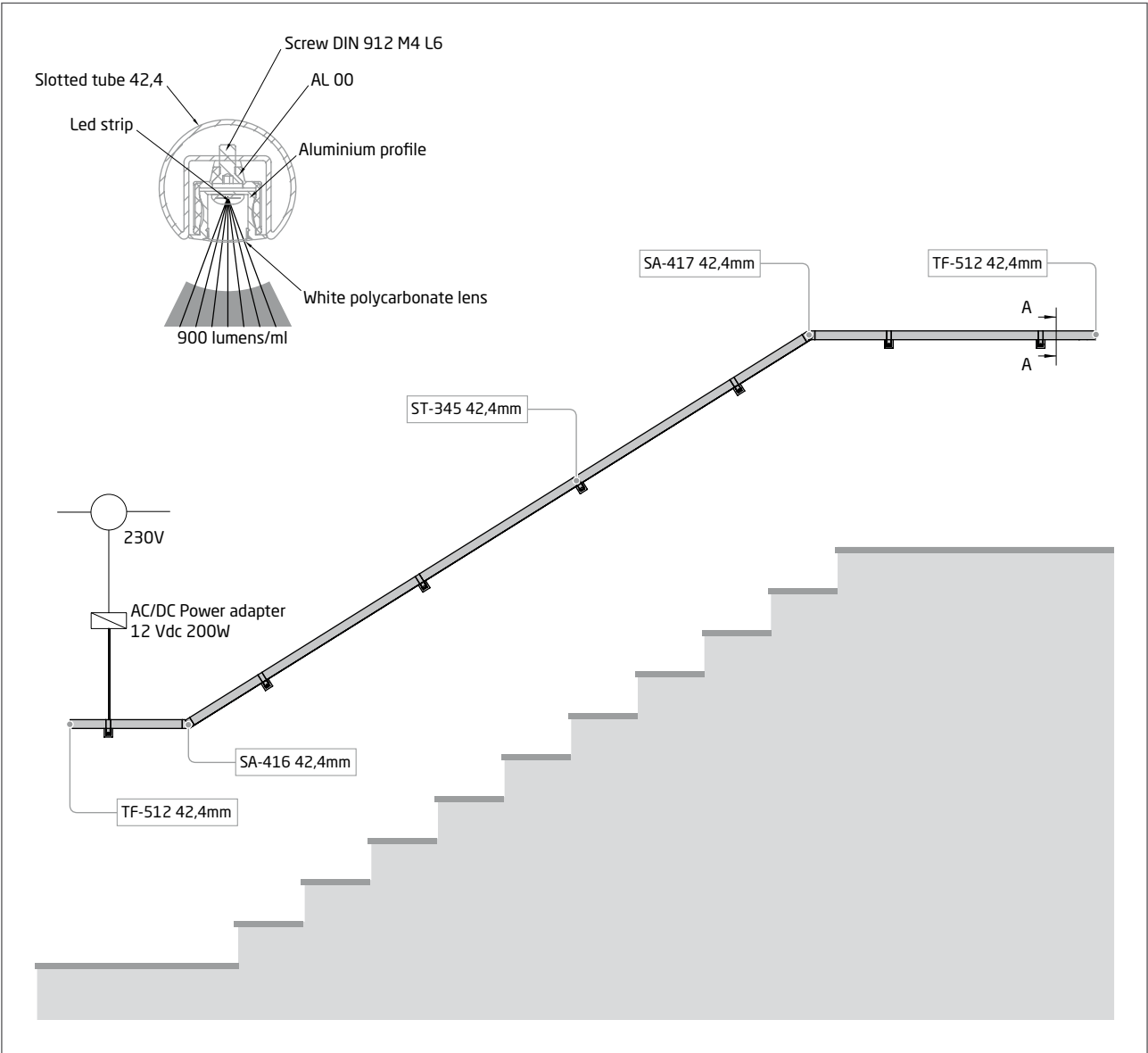
Instalación / Installation / Installation

DecoLed

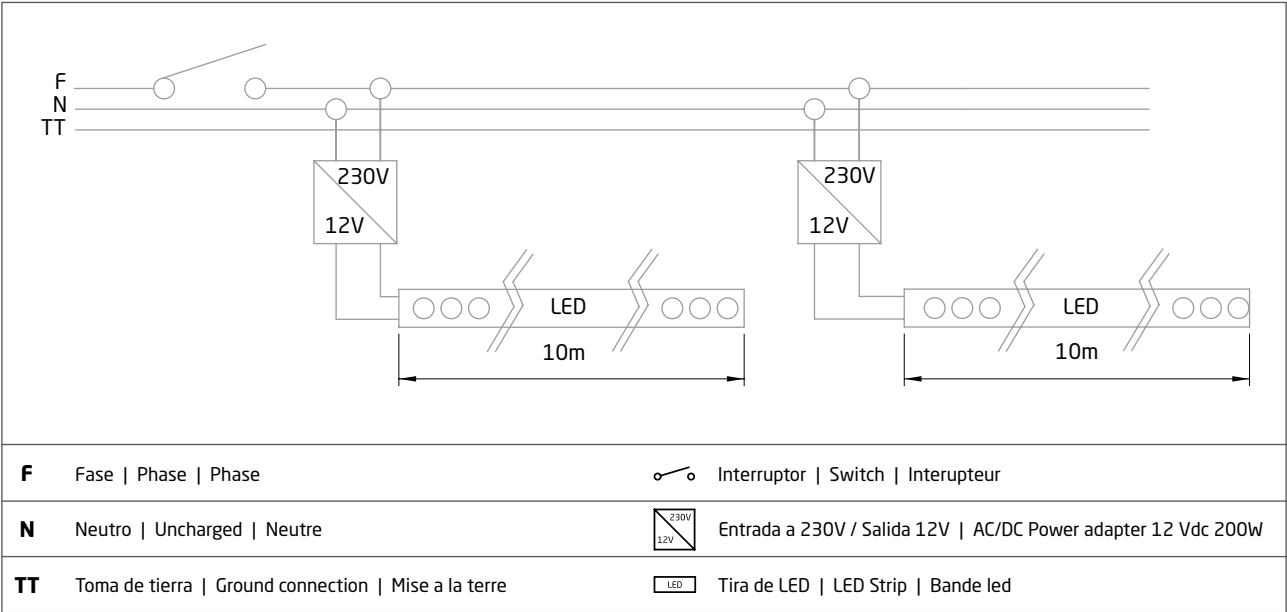


Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com

Posibilidades de suministro de PL-20 / PL-20 Supply possibilities / Possibilit  s de fourniture PL-20



Esquema de connexionado / Wiring diagram / Sch  ma de c  blage



Brico



comenza

Railing Passion

**FAST FIX GLUE (A-B 100ml)**

1 kit

Duración aproximada / Estimated duration / Duration approximative

ø50,8	ø43	ø38,1	ø20	ø12
40	50	60	120	150

Características FAST FIX GLUE

- Envase bicomponente A+B
- Tiempo de manipulación: 1 - 3 minutos.
- Resistencia funcional: 30 - 60 minutos.
- Resistencia final: 24 horas.
- Holgura (mm): mín. 0,05 - máx.0,50 (recomendada 0,10 - 0,30).
- Guardar en el recipiente original bien cerrado y a temperaturas entre 5°C y 25°C.

FAST-FIX GLUE characteristics:

- A+B Bi-component packaging
- Handling time: 1-3 minutes
- Functional resistance: 30-60 minutes
- Final resistance: 24 hours
- Clearance (mm): min. 0.05 - max. 0.50 (recommended: 0.10-0.30)
- Store in the original pack, tightly sealed and at the temperature between 5°C and 25°C

Caractéristiques FAST-FIX GLUE

- Flacon bicomposant A+B.
- Temps de manipulation : 1-3 minutes
- Résistance fonctionnelle : 30-60 minutes
- Résistance finale : 24 heures
- Espace (mm) : min. 0,05 - max. 0,50 (recommandé : 0,10 - 0,30)
- Conserver dans le récipient original, bien fermé et à températures entre 5°C et 25°C.

**FIS MS PRO BLACK**

1

Serie Ref.

RP RP-1400

**RP-62 (12mm / 33m)**

E

1

1,6

Serie Ref.

PM PM-50, PM-52, PM-54, PM-56, PM-58
SV SV-1250**New!****RP-25 (12mm / 33m)**

E

1

0,6

Serie Ref.

SV SV-1260



[esp]

El acero inoxidable aun siendo uno de los materiales más resistentes del mercado necesita de cuidados y mantenimientos que prolonguen su vida útil y para ello es importante utilizar los productos adecuados.

Desde Comenza ponemos a tu disposición dos productos que utilizados de manera correcta permitirán que tus barandillas de acero inoxidable luzcan en perfecto estado.

- **Clean+:** para limpieza rutinaria, mantenimiento periódico y eliminación de huellas.
- **Stain Zero:** para limpieza de manchas difíciles y marcas de oxidación.

[eng]

Even though stainless steel is one of the most resistant materials in the market, it needs care and maintenance, so its service life can be extended. For this reason, it is important to use the right products.

At Comenza we offer two products that, when used correctly, will allow your stainless steel railings to look always perfect.

- **Clean+:** for everyday cleaning, regular maintenance and fingerprints removal.
- **Stain Zero:** for the removal of difficult stain and rust marks.

[fra]

Bien que l'acier inoxydable soit un des matériaux les plus résistants du marché, il a besoin des soins et de l'entretien pour que sa vie utile soit plus longue. Pour cette fin, c'est important d'utiliser les produits adéquats.

Chez Comenza, nous offrons deux produits qui, employés correctement, permettront que votre garde-corps brille comme le premier jour.

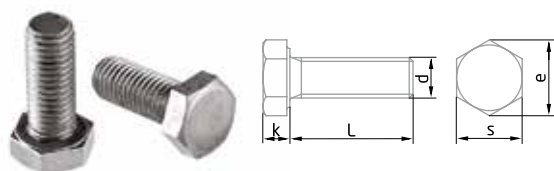
- **Clean+:** pour le nettoyage habituel, l'entretien régulier et l'élimination d'empreintes.
- **Stain Zero:** pour l'élimination de taches difficiles et de marques d'oxydation.

**CLEAN+ (500ml) ***

1

**STAIN ZERO (500ml) ***

1

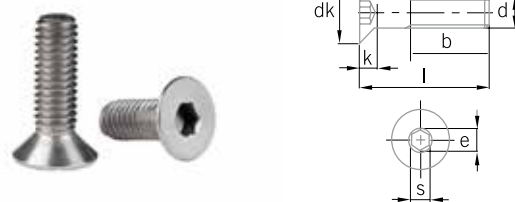


DIN-933

Qlty.	d	L	K	e	s
100 ZINC 8.8/A2/A4	M10	30	6,4	18,9	17

Serie	Ref.
SV	SV-1301, SV-1402
CC	CC-772, CC-775
PM	PM-63

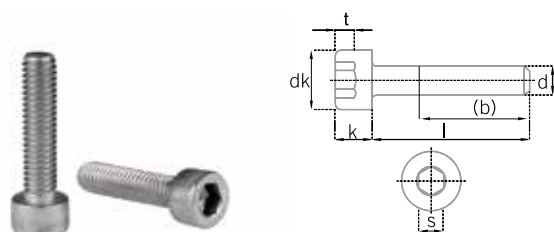
* Usar con: RG MI + DIN 125 (Pag. 137)
Use with RG MI + DIN 125 (Pag. 137)
Utiliser avec: RG MI + DIN 125 (Pag. 137)



DIN-7991

Qlty.	d	L	dk	K	e	S	B
50 A2/A4	M10	20	20	5,5	7	6	26

Serie	Ref.
PM	PM-60, PM-61, PM-62
SV	SV-1302

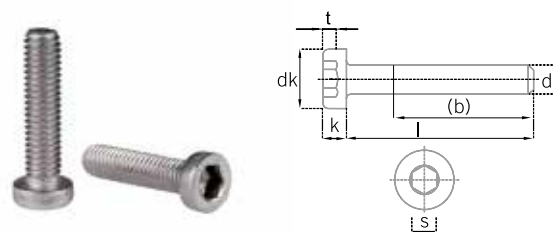


DIN-912

Qlty.	d	L	dK	Kmax	S
50 A2	M4	7	7	4	3
50 A2A4	M8	20	13	8	6

M-4	Serie	Ref.
	AL	AL-00

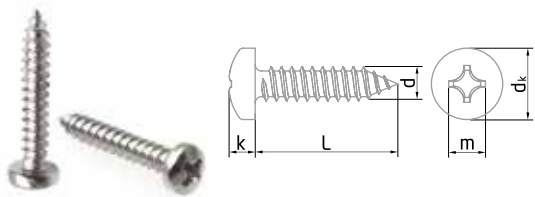
M-8	Serie	Ref.
	ST	ST-313



DIN-7984

Qlty.	d	L	dK	K	S	t
50 A2/A4	M-6	20	10	4	4	3

M-6	Serie	Ref.
	ST	ST-317, ST-334



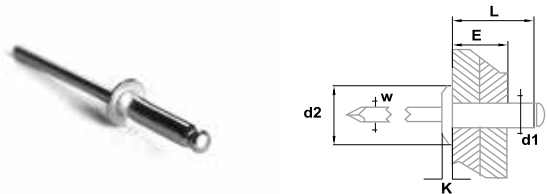
DIN-7981

		Qlty.	d	L	dK	k	m
	50	A2	4,8	25	9,5	3,55	5,1
	50	A2	6,3	60	12,5	4,5	7,1

4,8*	Serie	Ref.
	ST	ST-314

6,3	Serie	Ref.
	ST	ST-333

* Uso con pasamanos de madera.
Use with wood handrail.
Utilisation avec mains-courantes en bois.



BR-2015

		Qlty.	M	L
	50	A2/A4	4,8	10

Serie	Ref.
ST	ST-314, ST-315



BR-2011

		Qlty.	M
	50	A2/A4	M4
	50	A2/A4	M6
	50	A2/A4	M8

Serie	Ref.
AL	AL-00

Serie	Ref.
ST	ST-313, ST-317, ST-334



FIS V (FIS VS 300 T)



1

Serie	Ref.
CC	CC-772, CC-775 D.30, CC-775 D.50, CC-780, CC-782, CC-791
PM	PM-60, PM-61, PM-62, PM-63
SV	SV-1301, SV-1302, SV-1401, SV-1402, SV-1403, SV-1404, SV-1801



FIS SE



10



BR-2016



10

* Tamices plásticos.
Plastic anchor sleeve.
Tamis Plastiques.



DIN-975

		Qty.	M	L	
1	ZINC 8.8/A2/A4	M-8	1000	ø10	
1	ZINC 8.8/A2/A4	M-10	1000	ø12	
1	ZINC 8.8/A2/A4	M-12	1000	ø14	
M-8	Serie	Ref.			
	CC	CC-775 D.30			
M-10	Serie	Ref.			
	CC	CC-772, CC-775 D.50			
	SV	SV-1301, SV-1401, SV-1402, SV-1403, SV-1404, SV-1501			
M-12	Serie	Ref.			
	CC	CC-780, CC-782, CC-791			
	PM	PM-60, PM-61, PM-62, PM-63			
	SV	SV-1401, SV-1403, SV-1404, SV-1801			



DIN-934

		Qty.	M	*E	
250	ZINC 8.8/A2/A4	M-8	6,5		
250	ZINC 8.8/A2/A4	M-10	8		
250	ZINC 8.8/A2/A4	M-12	10		
M-8	Serie	Ref.			
	CC	CC-775 D.30			
M-10	Serie	Ref.			
	SV	CC-772, CC-775 D.50			
	CC	SV-1301, SV-1401, SV-1403, SV-1404, SV-1501			
M-12	Serie	Ref.			
	CC	CC-780, CC-782, CC-791			
	PM	PM-60, PM-61, PM-62, PM-63			
	SV	SV-1401, SV-1403, SV-1404, SV-1801			



DIN-125

		Qty.	M	*E	
250	ZINC 8.8/A2/A4	M-10	2		
250	ZINC 8.8/A2/A4	M-12	2,5		
M-8	Serie	Ref.			
	CC	CC-775 D.30			
M-10	Serie	Ref.			
	SV	CC-772, CC-775 D.50			
	CC	SV-1301, SV-1401, SV-1403, SV-1404, SV-1501			
M-12	Serie	Ref.			
	CC	CC-780, CC-782, CC-791			
	PM	PM-60, PM-61, PM-62, PM-63			
	SV	SV-1401, SV-1403, SV-1404, SV-1801			



RG MI

		Qty.	M	L	R	
10	A4	M-8	90	18	ø14	
10	A4	M-10	90	23	ø18	
M-10	Serie	Ref.				
	SV	SV-1301, SV-1302, SV-1402				
	CC	CC-772, CC-775 D.50				



DIN-439

		Qty.	M	*E	
250	A2/A4	M-10	5		
M-10	Serie	Ref.			
	SV	SV-1402			



HUS-HR

		Qty.	M	L	E*	
25	A4	M-10	105	15	ø10	
Serie	Ref.					
SV	SV-1401, SV-1501					



HUS3-H

	Qty.	M	L	E*	
50	ZINC	M-10	110	25	ø10

Serie	Ref.
SV	SV-1401, SV-1501



FH II-S

	Qty.	M	L	E*	
50	ZINC	M-8	105	25	ø12
50	A4	M-8	105	25	ø12

Serie	Ref.
SV	SV-1301, SV-1401, SV-1402



FH II-SK

	Qty.	M	L	E*	
25	ZINC	M-8	100	25	ø12
25	A4	M-8	105	30	ø12

Serie	Ref.
CC	CC-782
SV	SV-1302



FAZ II

	Qty.	M	L	E*	
50	ZINC/A4	M-12	120	20	ø12

Serie	Ref.
CC	CC-772, CC-775
PM	PM-61, PM-62, PM-63
SV	SV-1404



FBN II

	Qty.	M	L	E*	
50	ZINC/A4	M-10	96	20	ø10
20	ZINC/A4	M-12	116	20	ø12

M-10	Serie	Ref.
	SV	SV-1404

M-12	Serie	Ref.
	CC	CC-772, CC-775
	PM	PM-61, PM-62, PM-63



CH

	Qty.	M	L	E*	
50	ZINC/A2	M-8	80	15	ø10
50	ZINC/A2	M-10	100	25	ø12



CH-PL

	Qty.	M	L	E*	
50	ZINC/A2	M-10	100	25	ø12



TH DEX

	Qty.	M	L	E*	
50	SILVER RUSPERT	M-10	130	70	ø8



MT

	Qty.	M	L	E*	
50	ZINC/A2/A4	M-10	150	10	ø10
50	ZINC/A2/A4	M-10	90	10	ø10
50	ZINC/A2/A4	M-12	110	12	ø12



BR-2012

	Qty.	L	E*	
50	ZINC 8.8/A4	80	10	ø8

Serie	Ref.
ST	ST-317, ST-334, ST-345, ST-353



BR-2018

	Qty.	L	E*	
50	ZINC 8.8/A4	80	10	ø8

Serie	Ref.
AV	ST-333



BR-2087

	* øT	* P	
100	4,5-6,0	50	ø8
100	6,0-8,0	65	ø10

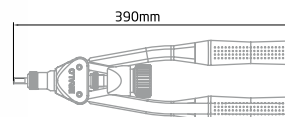
4,5-6,0	Serie	Ref.
	AV	AV-601
	ST	ST-303, ST-304, ST-305, ST-306, ST-307, ST-311, ST-316, ST-335, ST-351
	SA	SA-410

6,0-8,0	Serie	Ref.
	ST	ST-317, ST-333, ST-334

**BM-160**

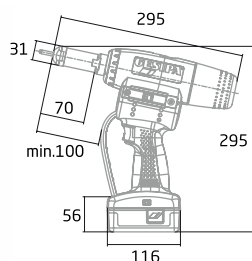
Ø mm	Aluminio Aluminium	Acero Iron / Acier	Inox Steel	Cooper
4,0	✓	✓	✓	✓
4,8	✓	✓	✓	✓

* Remachadora para Remaches
Riveting tools for blind rivets
Riveteuse pour Rivets

**TR-308**

Ø mm	Aluminio Aluminium	Acero Iron / Acier	Inox Steel
M-4	✓	✓	✓
M-6	✓	✓	✓
M-8	✓	✓	✓

* Remachadora tuerca remachable
Riveting tools for rivet nuts
Riveteuses pour écrou à rivet aveugle

New!**FIREBIRD PRO**

Ø mm	Aluminio Aluminium	Acero Iron / Acier	Inox Steel
M-4	✓	✓	✓
M-6	✓	✓	✓
M-8	✓	✓	✓

* Remachadora tuerca remachable
Riveting tools for rivet nuts
Riveteuses pour écrou à rivet aveugle

**BR-2060**


1

Ref.

FIS VS 300 T, FIS VS Pro Black

* Pistola para taco químico.
Chemical anchor gun.
TQ-900 pistolet.

**BR-2036**


1

* Martillo cabeza de plástico.
Plastic head hammer.
Marteau tête plastique.

**BR-2037**


1

* Llave dinamométrica ½" 30-150Nm Stahlwille
Torque wrench ½" 30-150Nm Stahlwille
Clé dynamométrique ½" 30-150Nm Stahlwille



BR-2030

	Ø
1	30-32
1	45-50

Ø30-32	Serie	Ref.
	CC	CC-768, CC-769, CC-775 D.30

Ø45-50	Serie	Ref.
	CC	CC-775 D.50, CC-735
	ST	ST-314, ST-315



BR-2031

	Ø	RE
1	2	7 - 40

Ref.
CC-780, CC-782



BR-2033


1



BR-2034


1

* Juego de llaves allen-bola c/cabeza corta 1,5-10
Ball Stubby point hex 1,5-10
Jeu de clé allen à tête courte 1,5-10



BR-2035


1

* Juego de llaves allen-bola 1,5-10
Ball point hex wrench set 1,5-10
Jeu de clés allen à boule 1,5-10



BR-2073


1

* Juego de brocas especial Inox 1-13x0,5
Stainless steel drill bit set 1-13x0,5
Set de mèches en acier inox 1-13x0,5



BR-2039



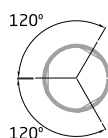
1



BR-2041



1



BR-2040



1

ØA

45

Pieza para pasamanos de madera.
Part for wood handrail.
Accessoire pour mains-courantes en bois.





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[esp]

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[eng]

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[fra]

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