



*Railing  
Passion*



**Stainless Steel Railing Systems**

VERSION - 04/2022





*Railing  
Passion*

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# Railing Passion

## 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.

### MISIÓN

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.

### VISIÓN

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, sûrs 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, sûrs 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 o francés.

### 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 and French.

### 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 ou le français.



# *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 36 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 36 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 meilleures 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 36 pays à travers le monde.



### Ventas / Sales / Ventes

- Algeria
- Angola
- Belgium
- Cameroon
- Cape Verde
- Chile
- Colombia
- Costa Rica
- Croatia
- Denmark

- Dominican Republic
- Finland
- France
- Ghana
- Greece
- Guatemala
- Italy
- Jordan
- Lebanon

- Lithuania
- Malta
- Mexico
- Morocco
- Nigeria
- Norway
- Panama
- Peru
- Portugal

- Saudi Arabia
- Slovenia
- Spain
- Sweden
- Tunisia
- United Arab Emirates
- United Kingdom
- United States of America
- Uruguay



# Glosario

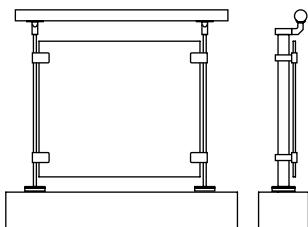
## Glossary

### Glossaire

	Descripción	Description	Description
	Accesorio para soldar	Welding fittings	Accessoire pour souder
	Advertencia	Warning	Attention
	Atornillar	Screw	Visser
	Atornillar con llave allen	Screw with an allen key	Visser avec clé allen
	Bandeador	Tap wrench	Clé à douille hexagonale
	Centrador	Centering tool	Outil pour centré
	Instalación por golpe	Installation by hammer striking	Installation par coup
	Llave allen corta	Short Allen Key	Clé Allen à tête courte
	Llave de vaso hexagonal	Ratchet socket	Clé à six pans creux
	Llave gancho	Hook spanner	Clé à ergot
	Llave hexagonal de tubo	Tubular box spanner	Clé à douille
	Llave pitones	Pin wrench	Clé à pitons
	Pegamento	Glue	Colle
	Acabado barniz	Varnished finish	Finition vernie
	Acabado brillo	Polished finish	Finition Poli
	Acabado natural	Natural finish	Finition naturelle
	Acabado satinado	Satin finish	Finition brossé
	Piezas por caja	Pieces per box	Nombre de pièces par caisse
<input type="checkbox"/>	Símbolo cuadrado	Square symbol	Symbol du carré
	Diámetro	Diameter	Diamètre
	Diámetro cable	Wire diameter	Diamètre du câble
	Espaciado del vidrio	Spacing of the glass	Espacé du verre
	Espesor del tubo	Tube thickness	Épaisseur du tube
	Espesor de referencia compatible	Compatible reference thickness	Épaisseur de référence compatible
	Espesor del vidrio	Glass thickness	Épaisseur du verre
	Izquierda / derecha	Left / right	Gauche / droite
	Largo	Length	Long
	Métrica del tornillo	Dimension of the screw	Métrique de la vis
	Referencia	Reference	Référence
	Regulable	Adjustable	Ajustable

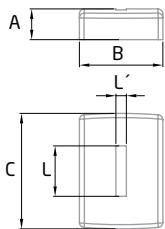


**Minimal**



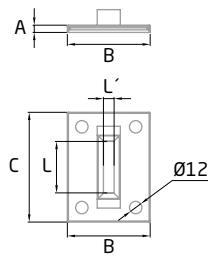
*Sistema / System / Système*

Minimal



**AV-670** AISI-316

	L	L'	A	B	C	
2	50	10	30	84	115	



**BS-20** AISI-316

	L	L'	A	B	C	
2	50	10	7	80	106	



#### Possibilidades de anclaje BS-20 / Anchoring possibilities for the BS-20 / Possibilités d'ancrage BS-20

C25/30 Uncracked	C25/30 Cracked / Uncracked
FBN II M10 (Brico Pag. 103)	FAZ II M10 (Brico Pag. 103)
FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101 / 102)	FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101 / 102)

\* Consultar idoneidad de usos según posibilidades de anclaje (Pag. 72)  
Consult adequacy of uses according to anchoring possibilities (Pag. 72)  
Vérifier la pertinence de l'utilisations par rapport au possibilités d'ancrage (Pag. 72)

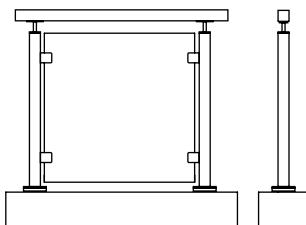
\* Cracked / Uncracked  
Hormigón Traccionado / Hormigón Comprimido  
Béton comprimé / Béton en traction

\* 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.

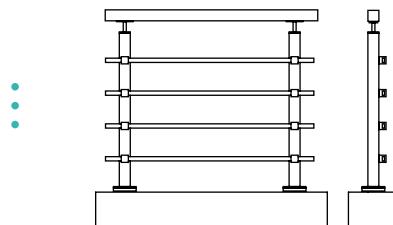




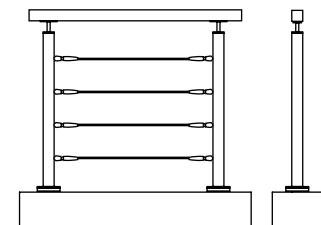
*Square it*



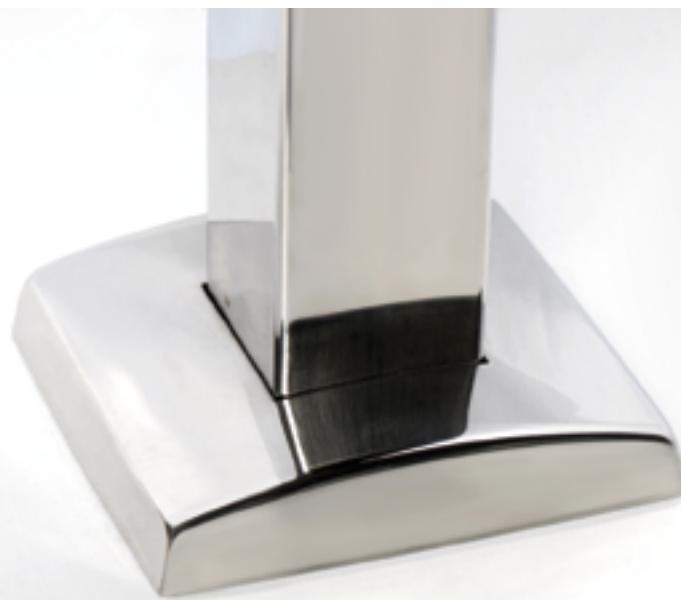
*Sistema / System / Système*  
Square it: Glass



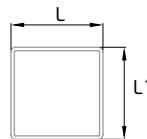
*Sistema / System / Système*  
Square it: Tube



*Sistema / System / Système*  
Square it: EasyCable

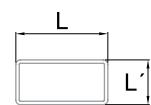


 **comenza**  
Railing Passion



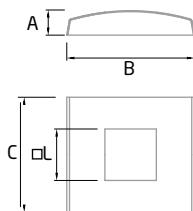
**RP-1420** AISI-316

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



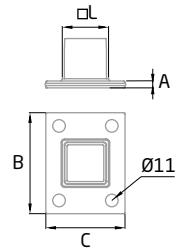
**RP-1420** AISI-316

LG	L	L'	E*	BA	SATIN
6000	40	20	1,5		
6000	20	10	1,5		



**AV-660 AISI-316**

	□ L	A	B	C	BA	SATIN
2	40x40	18	100	90		
2	50x50	18	100	90		



**BS-10 AISI-316**

	□ L	A	B	C	E*
2	40x40	6	88	69	1,5



#### Possibilidades de anclaje BS-10 / Anchoring possibilities for the BS-10 / Possibilités d'ancrage BS-10

C25/30 Uncracked	C25/30 Cracked / Uncracked
FAZ II M-10 L-105 (Brico Pag. 103)	FAZ II M-10 L-105 (Brico Pag. 103)
FIS VS M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)	FIS VS M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)

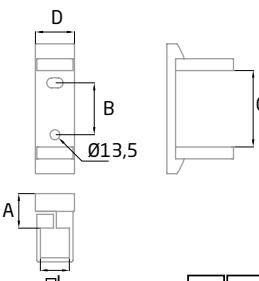
- \* Consultar idoneidad de usos según posibilidades de anclaje (Pag. 72)  
Consult adequacy of uses according to anchoring possibilities (Pag. 72)  
Vérifier la pertinence de l'utilisations par rapport au possibilités d'ancrage (Pag. 72)
- \* Cracked / Uncracked  
Hormigón Traccionado / Hormigón Comprimido  
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.



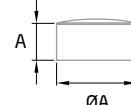
**comenza**  
Railing Passion

**SL-1111 AISI-316**

	L	A	B	C	D	BA	SATIN
1	40x40	46,5	70	103	54		

**TF-590 AISI-316**

	ØA	A	M	BA	SATIN
4	18	11	M8		
4	22,5	13	M10		



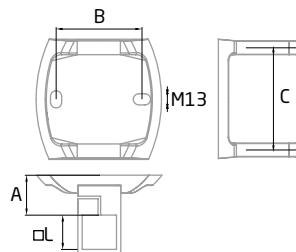
Tapa para cabeza de tornillo  
End cap for screw head  
Bouchon pour vis



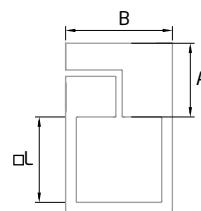
#### Posibilidades de anclaje SL-1111 / Anchoring possibilities for the SL-1111 / Possibilités d'ancrage SL-1111

C25/30 Uncracked	C25/30 Cracked / Uncracked
FBN II M-12 L-116 (Brico Pag. 103)	FAZ II M-12 L-120 (Brico Pag. 103)
FIS VS M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)	FIS VS M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)
FIS VS + RG MI M-10 L-90 + DIN 933 + DIN 125 (Brico Pag. 98/101/102)	FIS VS + RG MI M-10 L-90 + DIN 933 + DIN 125 (Brico Pag. 98/101/102)

- \* Consultar idoneidad de usos según posibilidades de anclaje (Pag. 72)  
Consult adequacy of uses according to anchoring possibilities (Pag. 72)  
Vérifier la pertinence de l'utilisations par rapport au possibilités d'ancrage (Pag. 72)
- \* 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

**SL-1110** AISI-316

		L	A	B	C	BA	SATIN
1		40x40	46,5	100	120		

**SL-1181** AISI-316

		L	A	B	BA	SATIN
2		40x40	34,5	50		



#### Posibilidades de anclaje SL-1110 / Anchoring possibilities for the SL-1110 / Possibilités d'ancrage SL-1110

C25/30 Uncracked	C25/30 Cracked / Uncracked
FBN II M-12 L-116 (Brico Pag. 103)	FAZ II M-12 L-120 (Brico Pag. 103)
FIS VS M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)	FIS VS M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)
FIS VS + RG MI M-12 L-125 + DIN 933 + DIN 125 (Brico Pag. 98/101/102)	FIS VS + RG MI M-12 L-125 + DIN 933 + DIN 125 (Brico Pag. 98/101/102)

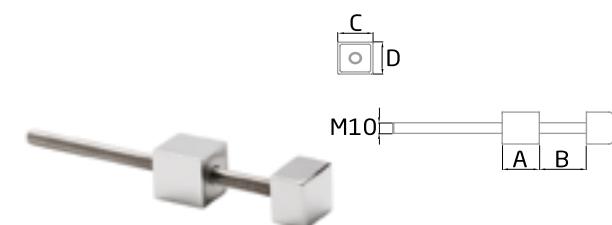
\* Consultar idoneidad de usos según posibilidades de anclaje (Pag. 72)  
Consult adequacy of uses according to anchoring possibilities (Pag. 72)  
Vérifier la pertinence de l'utilisations par rapport au possibilités d'ancrage (Pag. 72)

\* 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



 **comenza**  
Railing Passion



<b>SL-1130 AISI-316</b>				
	A	B	C	D
*1 kit	31,5	40	30	30



\* 1 kit: 2pcs

#### Possibilidades de anclaje SL-1130 / Anchoring possibilities for the SL-1130 / Possibilités d'ancrage SL-1130

C25/30 Uncracked

FIS VS M-10  
(Brico Pag. 103)

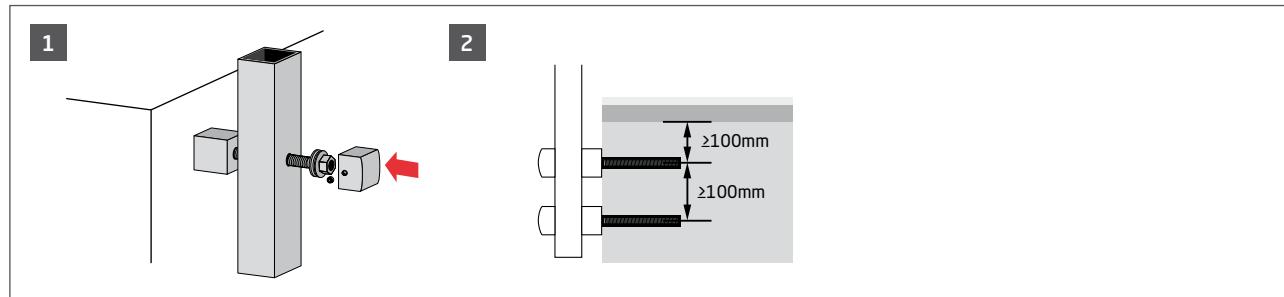
C25/30 Cracked / Uncracked

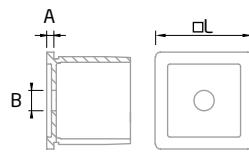
FIS VS M-10  
(Brico Pag. 103)

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

#### Instalación / Installation / Installation

**SL-1130**

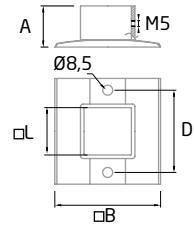


**ST-333** AISI-316

	$\square L$	A	B	$E^*$	BA	SATIN
2	40x40	3	8,5	1,5		

DIN 7981 Ø 6,3 L60 (Brico Pag. 99)

BR-2087 (Brico Pag. 104)

**AV-610** AISI-316

	$\square L$	A	$\square B$	D	BA	SATIN
2	40x40	35	90	70		

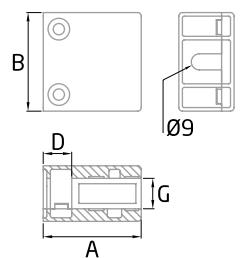
DIN 7981 Ø 6,3 L60 (Brico Pag. 99)

BR-2087 (Brico Pag. 104)





**comenza**  
Railing Passion

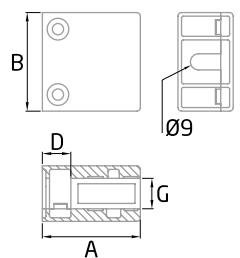


**CC-724 AISI-316**

	A	B	D	G
	4	45	45	16 6-10,76

DIN-912 M-8 L-20 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)



**CC-726 AISI-316**

	A	B	D	G
	4	55	55	16 12-16,76

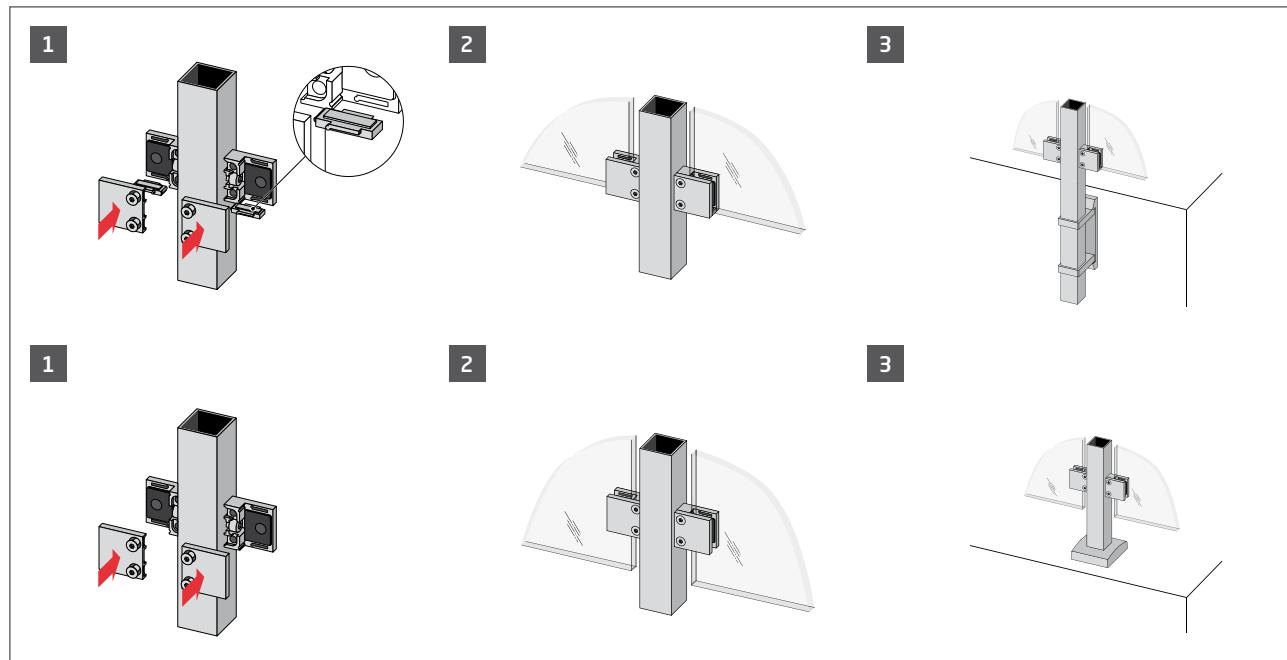
DIN-912 M-8 L-20 (Brico Pag. 98)

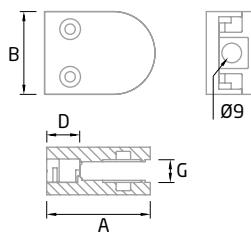
BR-2011 M-8 (Brico Pag. 99)



#### Instalación / Installation / Installation

**CC-724 / CC-726**



**CC-700 AISI-316**

	A	B	D	G	BA	SATIN
4	50	40	16	6-8		
4	50	40	16	8-10		
4	50	40	16	10-12		

DIN-912 M-8 L-20 (Brico Pag. 98)

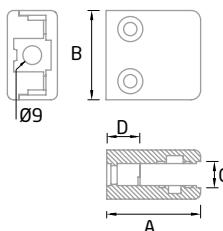
BR-2011 M-8 (Brico Pag. 99)

**CC-702 AISI-316**

	A	B	D	G	BA	SATIN
4	60	55	15,5	12-16,76		

DIN-912 M-8 L-20 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)

**CC-720 AISI-316**

	A	B	D	G	BA	SATIN
4	44	44	16	8-10		

DIN-912 M-8 L-20 (Brico Pag. 98)

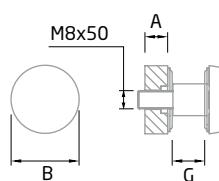
BR-2011 M-8 (Brico Pag. 99)

**CC-750 AISI-316**

	A	B	D	L/R	G	BA	SATIN
4	50	40	16	L/R	8-10		

DIN-912 M-8 L-20 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)

**CC-768 AISI-316**

	A	B	G	BA	SATIN
4	10	30	6-17,52		

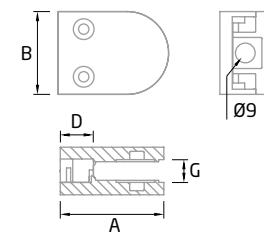
BR-2011 M-8 (Brico Pag. 99)

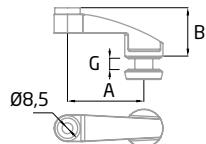
**CC-759 AISI-316**

	A	B	G	BA	SATIN
2	120	38	8,38-16,76		

DIN-7984 M-8 L-30 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)





**CC-761** AISI-316

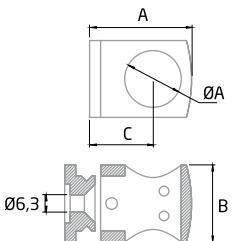
	A	B	G
2	60	38	8,38-16,76

BA SATIN

DIN-7984 M-8 L-30 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)

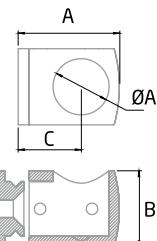


**ST-321 AISI-316**

	$\varnothing A$	A	B	C	BA	SATIN
4	12	29,5	20	20		
4	20	37	28	23		

DIN-7991 M-6 L-25 (Brico Pag. 98)

BR-2011 M-6 (Brico Pag. 99)

**ST-323 AISI-316**

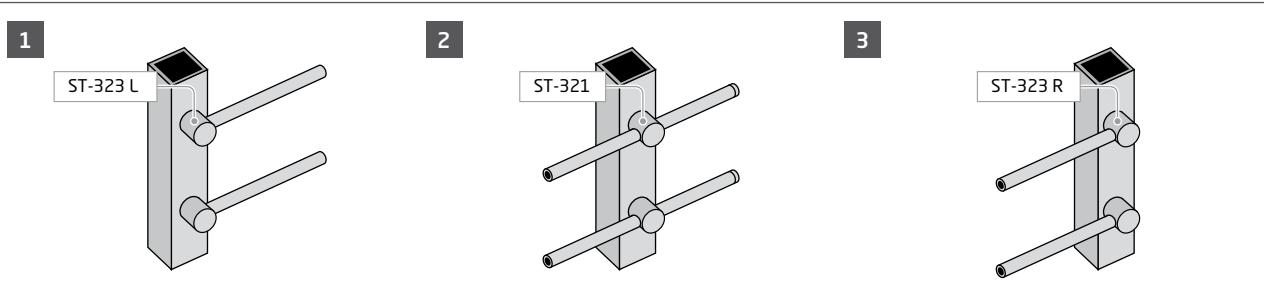
	$\varnothing A$	A	B	B	L/R
4	12	29,5	20	20	L/R
4	20	37	28	23	L/R

DIN-7991 M-6 L-25 (Brico Pag. 98)

BR-2011 M-6 (Brico Pag. 99)

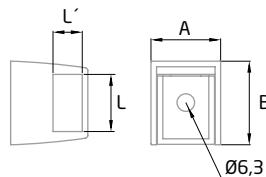


## Instalación / Installation / Installation

**ST-321 / ST-323**



**comenza**  
Railing Passion



ST-328 AISI-316		L	L'	A	B	BA	SATIN
4	20	10	25	28			

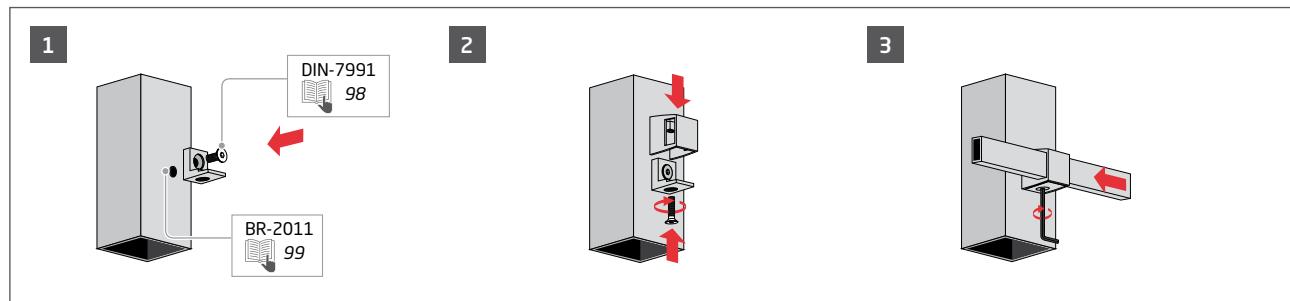
DIN-7991 M-6 L-25 (Brico Pag. 98)

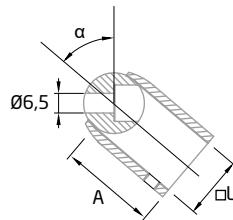
BR-2011 M-6 (Brico Pag. 99)



#### Instalación / Installation / Installation

**ST-328**

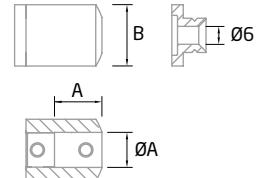


**SA-407** AISI-316

	BA	SATIN
4	20x20	32

DIN-912 M-6 L-20 (Brico Pag. 98)

BR-2011 M-6 (Brico Pag. 99)

**ST-326** AISI-316

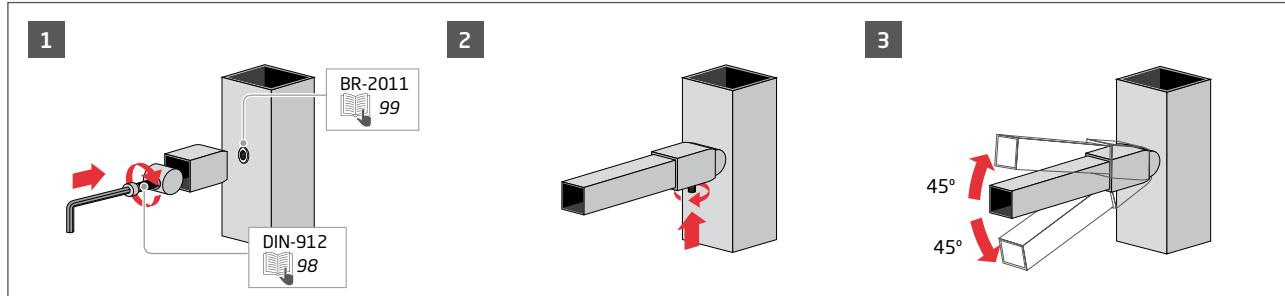
	ØA	A	B	BA	SATIN
4	12	16	21		

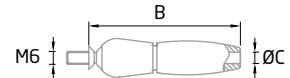
DIN-7991 M-6 L-25 (Brico Pag. 98)

BR-2011 M-6 (Brico Pag. 99)



## Instalación / Installation / Installation

**SA-407**



#### SC-800 AISI-316

	øC	B
2	4-5 mm	112

BA SATIN

#### BR-2011 M-6 (Brico Pag. 99)

Tensor.  
Tensioner.  
Tendeur.



#### SC-801 AISI-316

	øC	B
2	4-5 mm	71

BA SATIN

#### BR-2011 M-6 (Brico Pag. 99)

Terminal.  
Terminal.  
Terminaison.

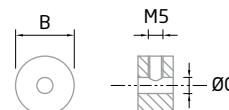


#### SC-850 AISI-316

	øC	B
4	4-5 mm	20

BA SATIN

Stopper.



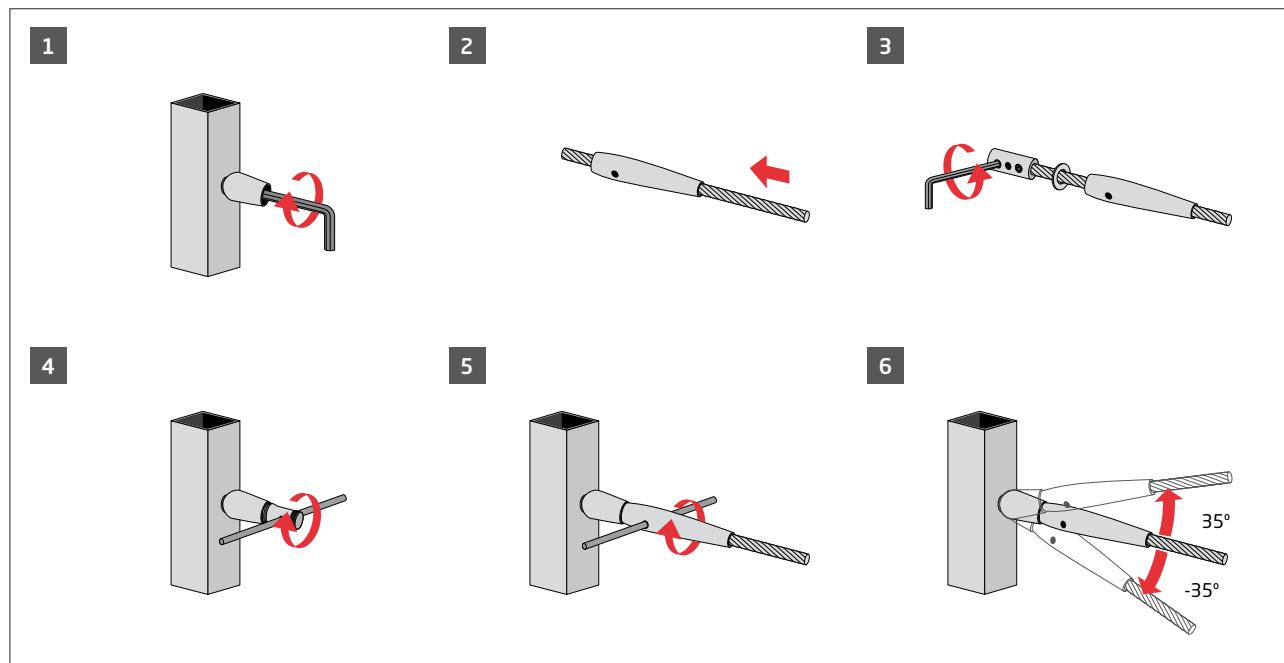
7 + 7 + 0 semi-flexible

#### RP-1460 AISI-316

	øC	L
4		Consultar / Inquire / Consulter
5		Consultar / Inquire / Consulter



## Instalación / Installation / Installation

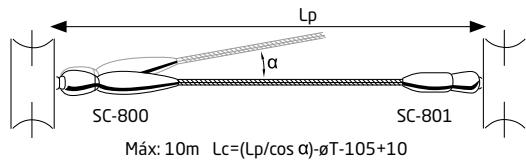
**SC-800 / SC-801**Ver video de instalación en / Watch installation video at / Voir video d'installation à [www.comenza.com](http://www.comenza.com)

## Recomendaciones / Recommendations / Recommendations

Cable Recomendado.  
Recommended wire.  
Câble recommandé.



7+7+0 semi-flexible

**Lc:** Longitud del cable / Cable Length / Longueur câble**Lp:** Longitud entre centros de pilares / Length between pillar centers / Longueur entre les centres des piliers**øT:** ø tubo / ø tube

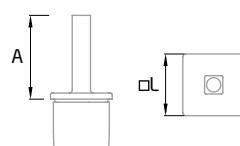
(Los datos reflejados están basados en ensayos realizados con cálculo elementos finitos y verificados en nuestras instalaciones con ensayos físicos. Es responsabilidad del usuario establecer la idoneidad de la información facilitada con el uso particular que vaya a realizar del producto)

(The data indicated are based on tests conducted by finite element calculation and checked at our facilities with physical tests. The user is responsible of determining the adequacy of the information provided to the particular use of the product)

(Les informations présentes s'appuient sur des tests réalisés par calcul par éléments finis et vérifié par au sein de nos installations par de essais physique. Il incombe à l'utilisateur de défi nir le bien fondé de l'information fournie et de la recuperer en fonction de l'usage qu'il fera lui-même du produit)



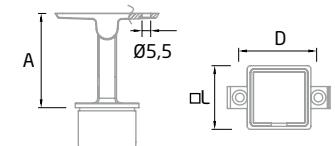
**comenza**  
Railing Passion



BA SATIN

**ST-331 AISI-316**

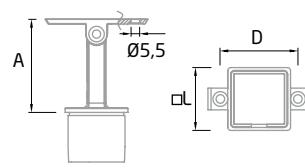
	□ L	A	E*
2	40x40	55	1,5



BA SATIN

**ST-332 AISI-316**

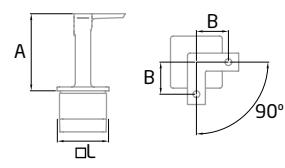
	□ L	A	D	E*
2	40x40	60	50	1,5



BA SATIN

**SA-434 AISI-316**

	□ L	A	D	E*
2	40x40	60	50	1,5

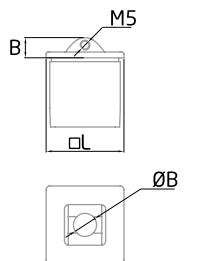


BA SATIN

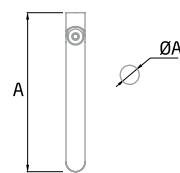
**ST-339 AISI-316**

	□ L	A	B	E*
2	40x40	60	25	1,5

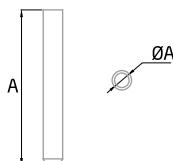


**SA-440** AISI-316

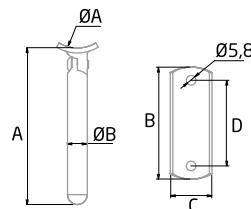
	□L	ØB	A	E*	BA	SATIN
2	40x40	12	10	1,5		
2	50x50	12	12	1,5		

**BG-00** AISI-316

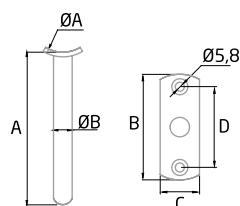
	ØA	A
2	12	100

**BF-00** AISI-316

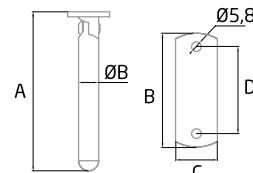
	ØA	A
2	12	96

**BG-R** AISI-316

	ØA	ØB	A	B	C	D	BA	SATIN
2	43	12	95	68	25	52		
2	50,8	12	95	68	25	52		

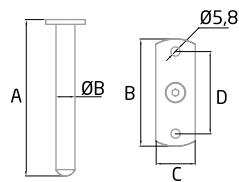
**BF-R** AISI-316

	ØA	ØB	A	B	C	D	BA	SATIN
2	43	12	98	68	25	52		
2	50,8	12	96	61,5	61,5	61,5		

**BG-FLAT** AISI-316

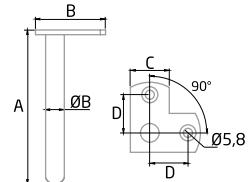
	ØB	A	B	C	D	BA	SATIN
2	12	95	68	25	52		





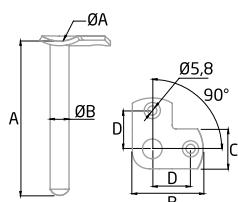
BF-FLAT AISI-316

	ØB	A	B	C	D	BA	SATIN
2	12	99	68	25	52		



BF-C FLAT 90 AISI-316

	ØB	A	B	C	D	BA	SATIN
2	12	99	45	25	24,5		



BF-C R 90 AISI-316

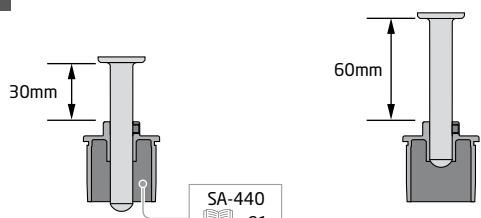
	ØA	ØB	A	B	C	D	BA	SATIN
2	43	12	98	45	25	24		
2	50,8	12	98	45	25,5	24		

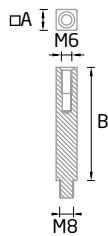


## Instalación / Installation / Installation

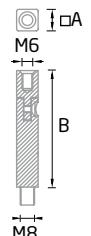
SA-440

1

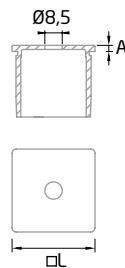




**ST-381** AISI-316  
L 2    B 12    M8 65  
BA SATIN



**SA-481** AISI-316  
L 2    B 12    M8 65  
BA SATIN

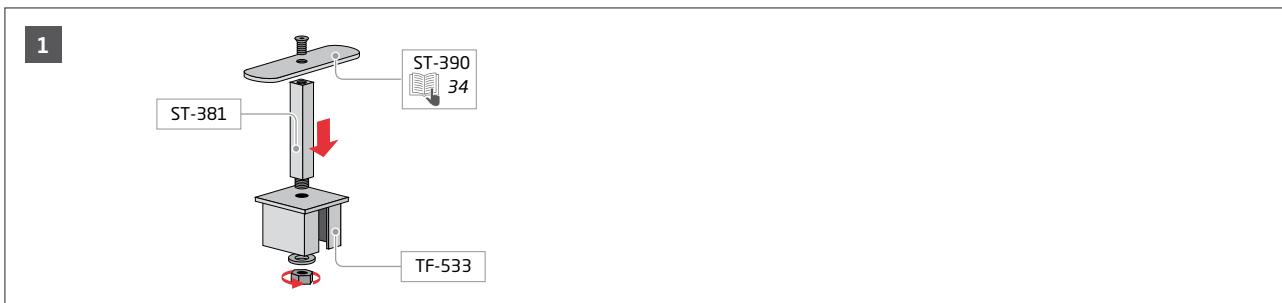


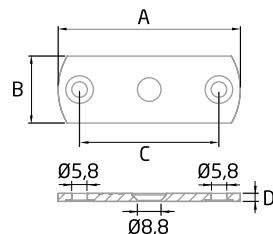
**TF-533** AISI-316  
L 2    40x40    A 3    E\* 1,5  
L 2    50x50    A 3    E\* 1,5  
BA SATIN



\*Included

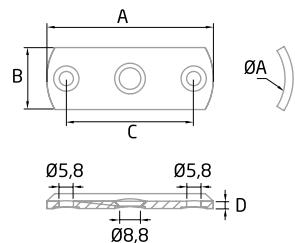
#### Instalación / Installation / Installation





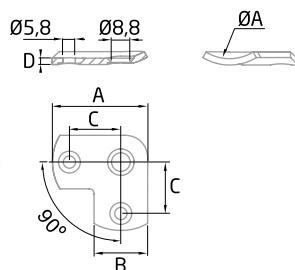
ST-390 AISI-316

	A	B	C	D	BA	SATIN
4	68	25	52	3		
4						



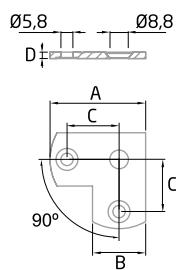
ST-391 AISI-316

	ØA	A	B	C	D	BA	SATIN
4	43	68	25	52	3		
4	50,8	68	25	52	3		



ST-392 90° AISI-316

	ØA	A	B	C	D	BA	SATIN
4	43	45	25	24	3		
4	50,8	45	25,5	24	3		



ST-393 AISI-316

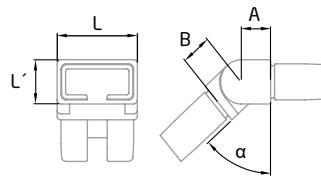
	A	B	C	D	BA	SATIN
4	45	25	24,5	3		





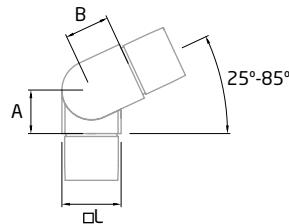
**SA-432 AISI-316**

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



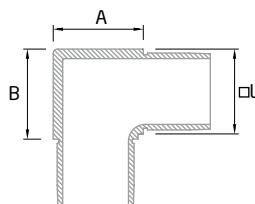
**SA-433 AISI-316**

	□ L	A	B	E*
2	40x40	30	30	1,5



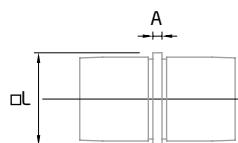
**CT-220** AISI-316

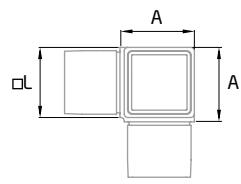
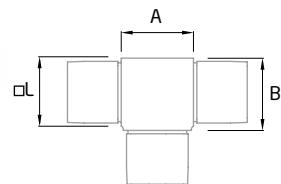
	□ L	A	B	E*
2	40x40	43	43	1,5



**CT-221** AISI-316

	□ L	A	E*
2	40x40	4	1,5





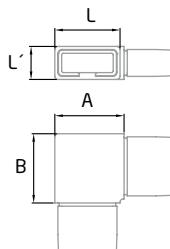
CT-222 AISI-316

	□ L	A	B	E*	BA	SATIN
2	40x40	43	43	1,5		



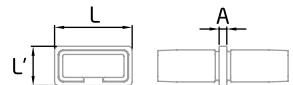
CT-225 AISI-316

	□ L	A	E*	BA	SATIN
2	40x40	43	1,5		



CT-230 AISI-316

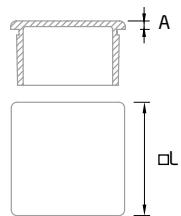
	L	L'	A	B	E*	BA	SATIN
2	40	20	43	43	1,5		



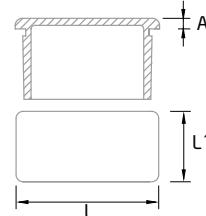
CT-232 AISI-316

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



**TF-530** AISI-316

	□ L	A	E*	BA	SATIN
4	20x20	3	1,5		
2	30x30	3	1,5		
2	40x40	3	1,5		
2	50x50	3	1,5		

**TF-535** AISI-316

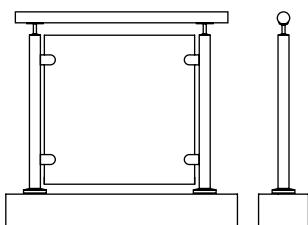
	L	L'	A	E*	BA	SATIN
4	20	10	3	1,5		
2	40	20	3	1,5		



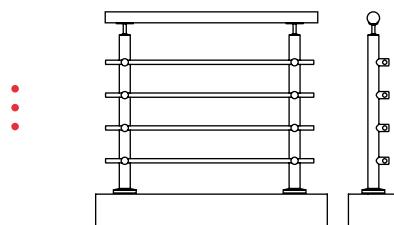




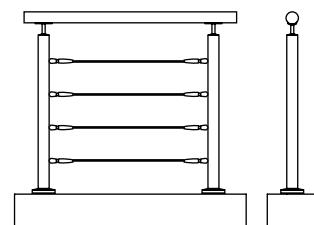
**R-Concept**



*Sistema / System / Système*  
R-Concept: Glass



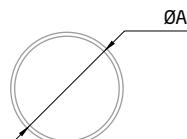
*Sistema / System / Système*  
R-Concept: Tube



*Sistema / System / Système*  
R-Concept: EasyCable



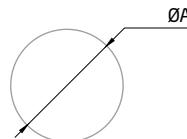
 **comenza**  
Railing Passion



BA SATIN

**RP-1430 AISI-316**

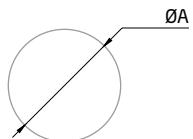
LG	ØA	E*
6000	12	1
6000	20	1,5
6000	43	1,5
6000	50,8	1,5



NAT VARN

**RP-1450**

A	Ø	Qty.
3000	45	Haya / Beech / Hêtre



NAT VARN

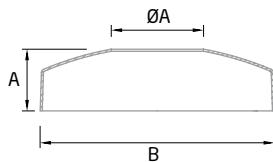
**RP-1450**

A	Ø	Qty.
3000	45	Sapeli / Sapele / Sapelli

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.

**AV-650 AISI-316**

		$\varnothing A$	A	B		
4	20	11,5	55			
2	38,1	22,5	99			
2	40	22,5	99			
2	43	22,5	99			
2	50,8	22,5	99			
2	63,5	24	110			

**BS-00 AISI-316**

		$\varnothing A$	A	B	C	D	E*
2	38,1	5	95	35	2,5	1,5	
2	43	5	95	35	2,5	1,5	
2	50,8	5	95	35	2,5	1,5	

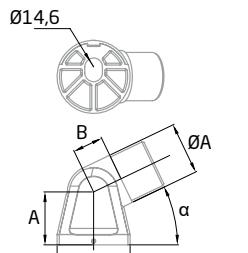
**Possibilidades de anclaje BS-00 / Anchoring possibilities for the BS-00 / Possibilités d'ancrage BS-00**

	C25/30 Uncracked	C25/30 Cracked / Uncracked
	FIS VS M-8 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)	FIS VS M-8 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)
	FIS VS M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)	FIS VS M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)

- \* Consultar idoneidad de usos según posibilidades de anclaje (Pag. 72)  
Consult adequacy of uses according to anchoring possibilities (Pag. 72)  
Vérifier la pertinence de l'utilisations par rapport aux possibilités d'ancrage (Pag. 72)
- \* 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 recommandée du béton comprimé et en traction C25/30



**comenza**  
Railing Passion



**SA-451 AISI-316**

	$\phi A$	$\phi B$	A	B	$\alpha$
2	43	60	44,5	25	26-90°
2	50,8	72	53	30	26-90°



#### Possibilidades de anclaje SA-451 / Anchoring possibilities for the SA-451 / Possibilités d'ancrage SA-451

##### C25/30 Uncracked

FIS VS M-12 + DIN 975 + DIN 934 + DIN 125  
(Brico Pag. 101/102)

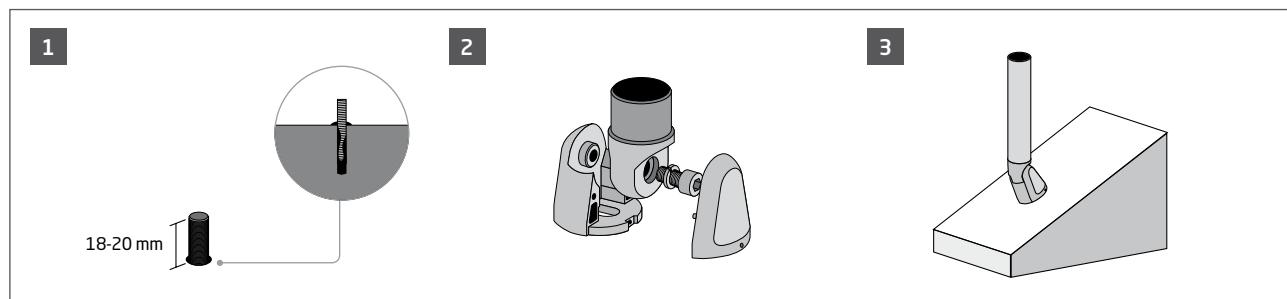
##### C25/30 Cracked / Uncracked

FIS VS M-12 + DIN 975 + DIN 934 + DIN 125  
(Brico Pag. 101/102)

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

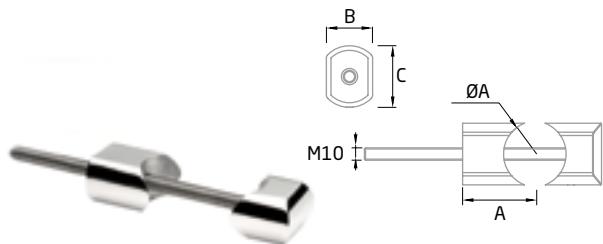
#### Instalación / Installation / Installation

**SA-451**





 **comenza**  
Railing Passion



#### SL-1120 AISI-316

	øA	A	B	C	BA	SATIN
* 1 kit	43	53	30	40		
* 1 kit	50,8	57	30	40		



\* 1 kit: 2pcs

#### Possibilidades de anclaje SL-1120 / Anchoring possibilities for the SL-1120 / Possibilités d'ancrage SL-1120

##### C25/30 Uncracked

FIS VS M-10  
(Brico Pag. 101)

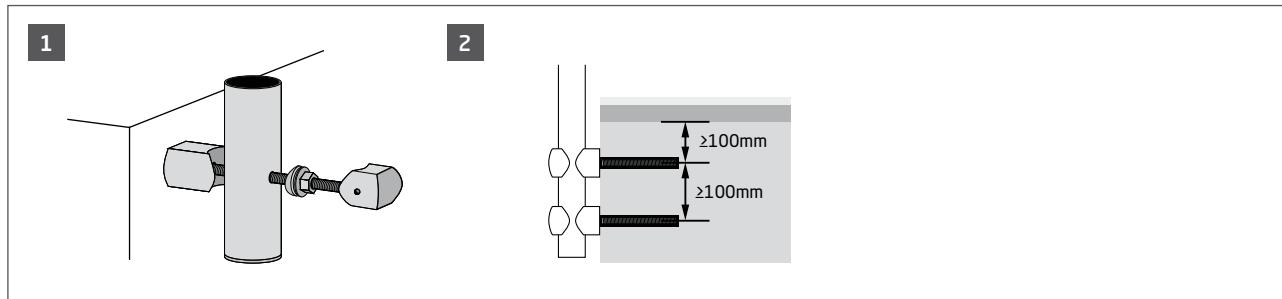
##### C25/30 Cracked / Uncracked

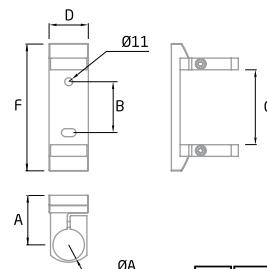
FIS VS 390 S M-10  
(Brico Pag. 101)

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

#### Instalación / Installation / Installation

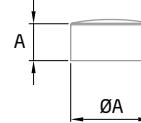
#### SL-1120





SL-1101 AISI-316

	ØA	A	B	C	D	F	BA	SATIN
1	43	68	70	103	54	175		
1	50,8	72	70	101	62	175		



TF-590 AISI-316

	ØA	A	M	BA	SATIN
4	18	11	M8		
4	22,5	13	M10		

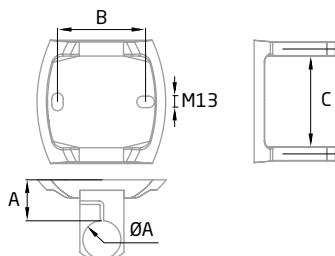
Tapa para cabeza de tornillo  
End cap for screw head  
Bouchon pour vis



#### Posibilidades de anclaje SL-1101 / Anchoring possibilities for the SL-1101 / Possibilités d'anclage SL-1101

C25/30 Uncracked	C25/30 Cracked / Uncracked
FBN II M-10 L-96 (Brico Pag. 103)	FAZ II M-10 L-105 (Brico Pag. 103)
FIS VS M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)	FIS VS M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)
FIS VS + RG MI M-10 L-90 + DIN 933 + DIN 125 (Brico Pag. 101/102)	FIS VS + RG MI M-10 L-90 + DIN 933 + DIN 125 (Brico Pag. 101/102)

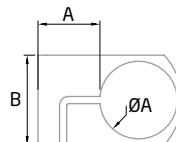
- \* Consultar idoneidad de usos según posibilidades de anclaje (Pag. 72)  
Consult adequacy of uses according to anchoring possibilities (Pag. 72)  
Vérifier la pertinence de l'utilisations par rapport au possibilités d'anclage (Pag. 72)
- \* Cracked / Uncracked  
Hormigón Traccionado / Hormigón Comprimido  
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



BA SATIN

**SL-1100 AISI-316**

1      ØA      B      C



BA SATIN

**SL-1180 AISI-316**

2      ØA      A      B



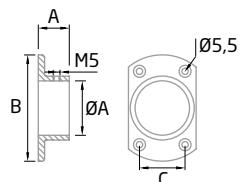
#### Possibilidades de anclaje SL-1100 / Anchoring possibilities for the SL-1100 / Possibilités d'ancrage SL-1100

C25/30 Uncracked	C25/30 Cracked / Uncracked
FBN II M-12 L-116 (Brico Pag. 103)	FAZ II M-12 L-120 (Brico Pag. 103)
FIS VS M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)	FIS VS M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 101/102)
FIS VS + RG MI M-12 L-125 + DIN 933 + DIN 125 (Brico Pag. 101/102)	FIS VS + RG MI M-12 L-125 + DIN 933 + DIN 125 (Brico Pag. 101/102)

\* Consultar idoneidad de usos según posibilidades de anclaje (Pag. 72)  
Consult adequacy of uses according to anchoring possibilities (Pag. 72)  
Vérifier la pertinence de l'utilisations par rapport au possibilités d'ancrage (Pag. 72)

\* 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



AV-600 AISI-316

	øA	A	B	C	BA	SATIN
2	43	35	85	34		
2	50,8	36	96	39		

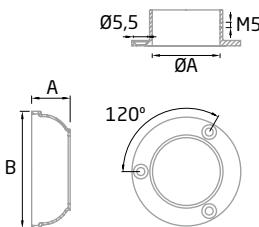
BR-2087 (Brico Pag. 104)



AV-601 AISI-316

	øA	A	B	BA	SATIN
2	43	25	80		
2	50,8	31	102		

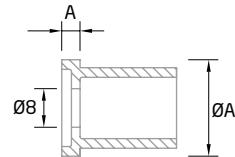
BR-2087 (Brico Pag. 104)



AV-602 AISI-316

	øA	A	B	BA	SATIN
2	38,1	27	72		
2	43	27	82		
2	50,8	29	84		

BR-2087 (Brico Pag. 104)

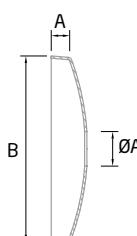


ST-308 AISI-316

	øA	A	E*	BA	SATIN
4	20	4	1,5		
2	43	4	1,5		

DIN 7981 Ø 6,3 L60 (Brico Pag. 99)

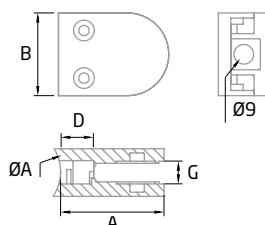
BR-2087 (Brico Pag. 104)



AV-651 AISI-316

	øA	A	B	BA	SATIN
4	12	6	66		



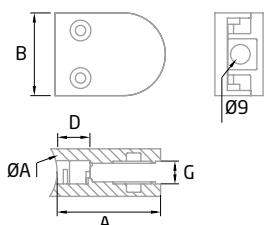


**CC-701** AISI-316

	ØA	A	B	D	G	BA	SATIN
4	43	50	40	16	6-8		
4	50,8	50	40	16	6-8		
4	43	50	40	16	8-10		
4	50,8	50	40	16	8-10		
4	43	50	40	16	10-12		
4	50,8	50	40	16	10-12		

DIN-912 M-8 L-20 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)



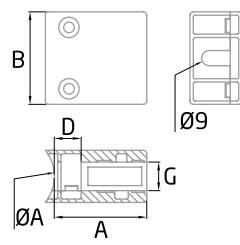
**CC-703** AISI-316

	ØA	A	B	D	G	BA	SATIN
4	43	60	55	16	12-16,76		
4	50,8	60	55	16	12-16,76		

DIN-912 M-8 L-20 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)

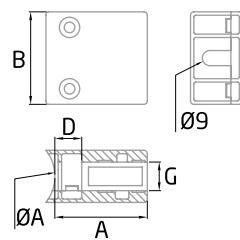


**CC-725 AISI-316**

	<b>øA</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>G</b>	BA	SATIN
4	43	45	45	16	6-10,76		
4	50,8	45	45	16	6-10,76		

DIN-912 M-8 L-20 (Brico Pag. 106)

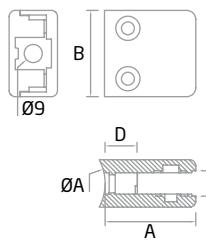
BR-2011 M-8 (Brico Pag. 107)

**CC-727 AISI-316**

	<b>øA</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>G</b>	BA	SATIN
4	43	55	55	16	12-16,76		
4	50,8	55	55	16	12-16,76		

DIN-912 M-8 L-20 (Brico Pag. 106)

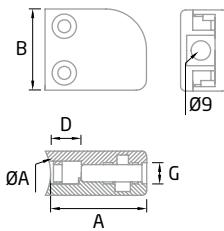
BR-2011 M-8 (Brico Pag. 107)

**CC-721 AISI-316**

	<b>øA</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>G</b>	BA	SATIN
4	43	44	44	16	8-10		
4	50,8	44	44	16	8-10		

DIN-912 M-8 L-20 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)

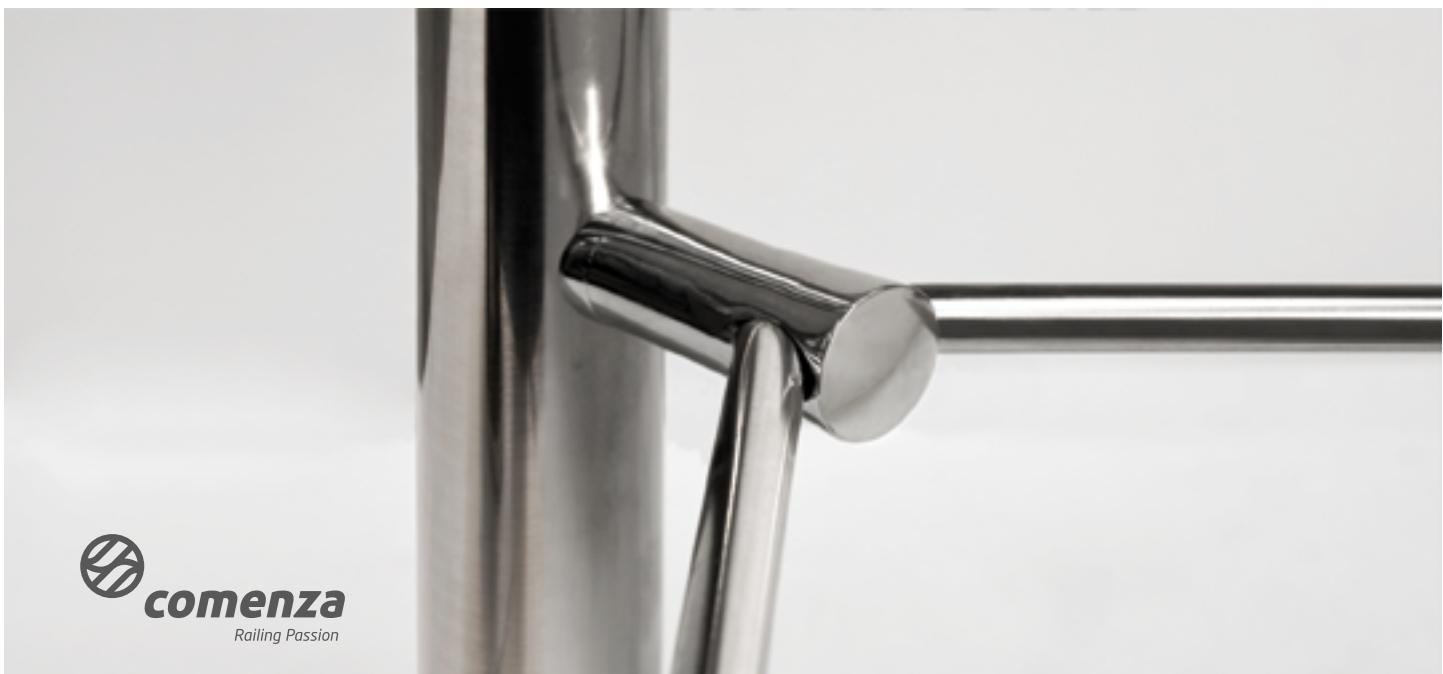
**CC-751 AISI-316**

	<b>øA</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>L/R</b>	<b>G</b>	BA	SATIN
4	43	50	40	16	L/R	8-10		

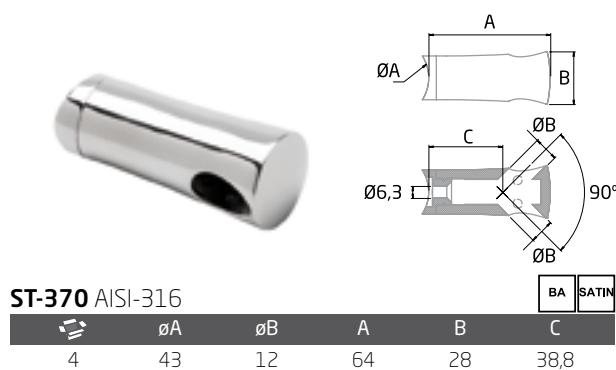
DIN-912 M-8 L-20 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)





**comenza**  
Railing Passion



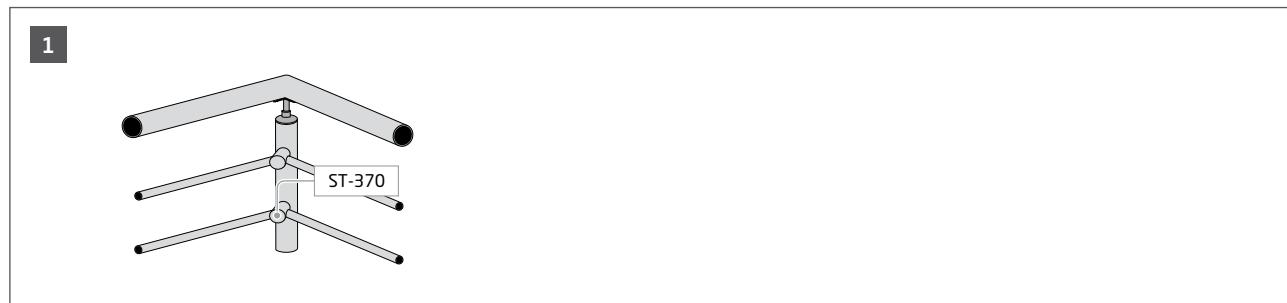
DIN-7991 M-6 L-25 (Brico Pag. 98)

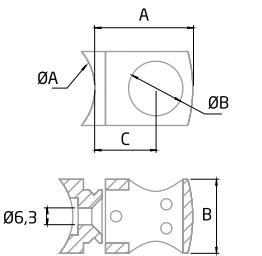
BR-2011 M-6 (Brico Pag. 99)



Instalación / Installation / Installation

**ST-370**

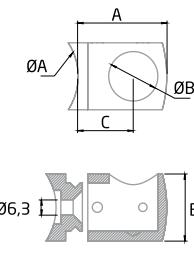


**ST-320 AISI-316**

	$\varnothing A$	$\varnothing B$	A	B	C	BA	SATIN
4	43	12	29,5	20	20		
4	50,8	12	29,5	20	20		
4	43	16	33	24	21		
4	43	20	37	28	23		
4	50,8	20	37	28	23		

DIN-7991 M-6 L-25 (Brico Pag. 98)

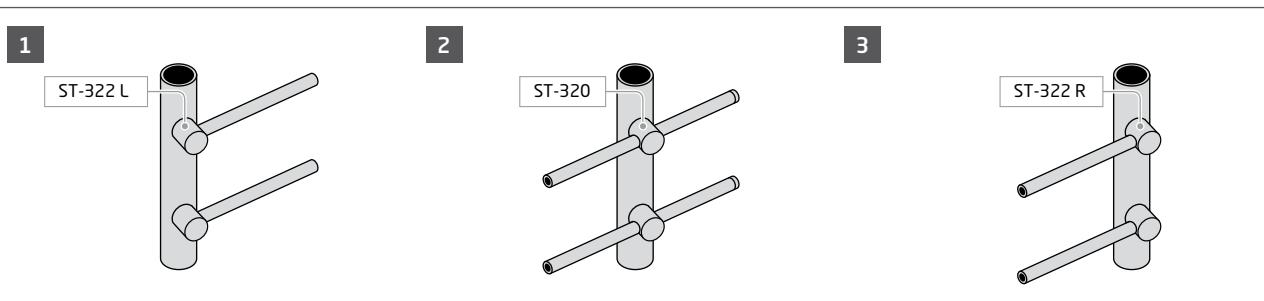
BR-2011 M-6 (Brico Pag. 99)

**ST-322 AISI-316**

	$\varnothing A$	$\varnothing B$	A	B	C	BA	SATIN	L/R
4	43	12	29,5	20	20			L/R
4	43	20	37	28	23			L/R

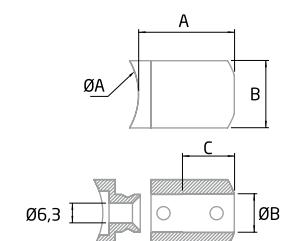
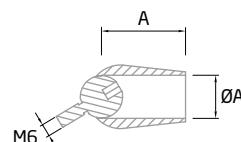
DIN-7991 M-6 L-25 (Brico Pag. 98)

BR-2011 M-6 (Brico Pag. 99)

**Instalación / Installation / Installation****ST-320 / ST-322**



  
**comenza**  
Railing Passion



**SA-405** AISI-316

	øA	A
4	12	31
4	20	42

BA SATIN

BR-2011 M-6 (Brico Pag. 99)



**ST-325** AISI-316

	øA	øB	A	B	C
4	43	12	30,7	21,5	16

BA SATIN

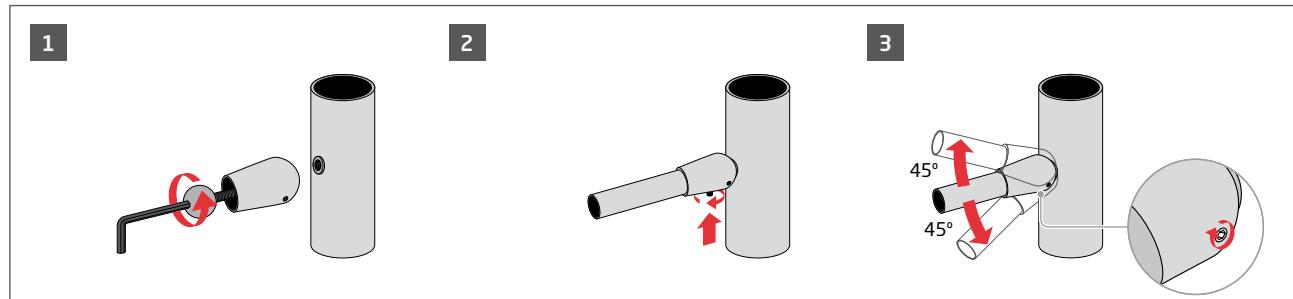
DIN-7991 M-6 L-25 (Brico Pag. 98)

BR-2011 M-6 (Brico Pag. 99)



#### Instalación / Installation / Installation

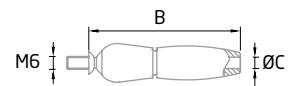
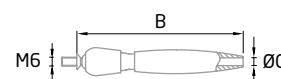
**SA-405**







 **comenza**  
Railing Passion



**SC-800 AISI-316**

	ØC	B
2	4-5 mm	112

BA SATIN

**BR-2011 M-6 (Brico Pag. 99)**

Tensor  
Tensioner  
Tendeur



**SC-801 AISI-316**

	ØC	B
2	4-5 mm	71

BA SATIN

**BR-2011 M-6 (Brico Pag. 99)**

Terminal  
Terminal  
Terminaison



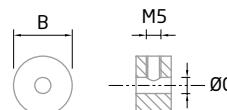
**SC-850 AISI-316**

	ØC	B
4	4-5 mm	20

BA SATIN

**BR-2011 M-8 (Brico Pag. 95)**

Stopper



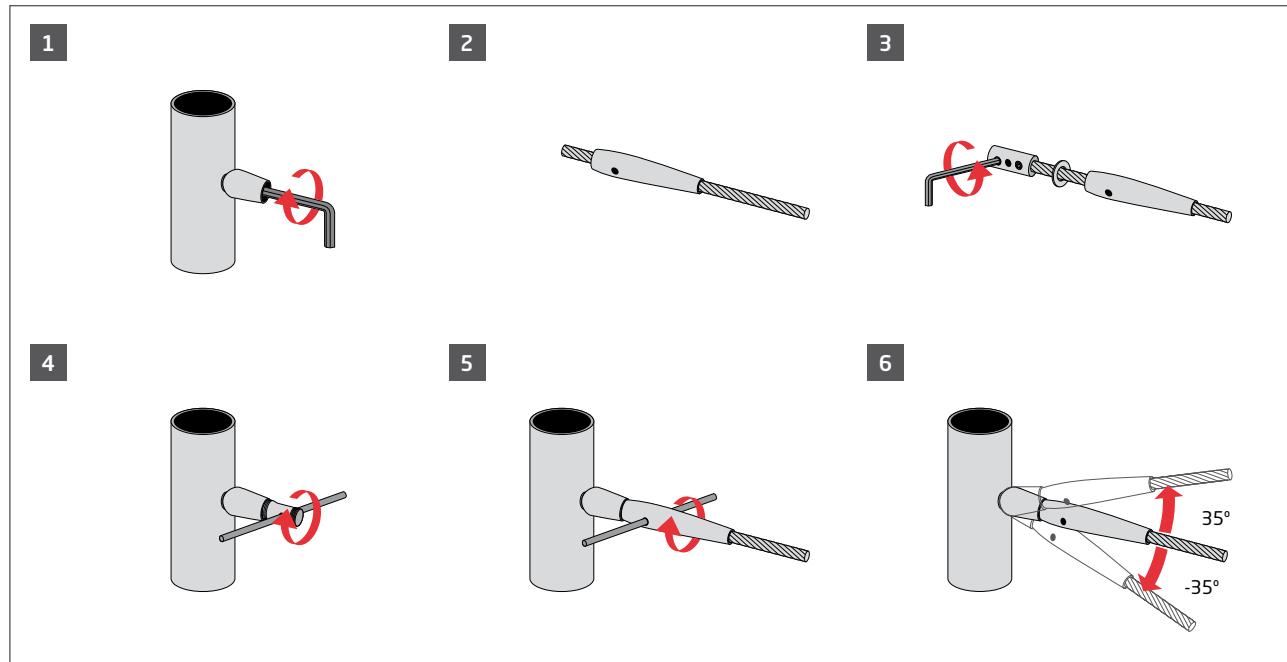
7 + 7 + 0 semi-flexible

**RP-1460 AISI 316**

ØC	L
4	Consultar / Inquire / Consulter
5	Consultar / Inquire / Consulter



## Instalación / Installation / Installation

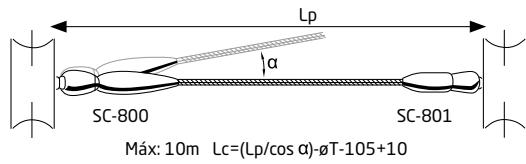
**SC-800 / SC-801**Ver video de instalación en / Watch installation video at / Voir video d'installation à [www.comenza.com](http://www.comenza.com)

## Recomendaciones / Recommendations / Recommendations

Cable Recomendado.  
Recommended wire.  
Câble recommandé.



7+7+0 semi-flexible

**Lc:** Longitud del cable / Cable Length / Longueur câble**Lp:** Longitud entre centros de pilares / Length between pillar centers / Longueur entre les centres des piliers**øT:** ø tubo / ø tube

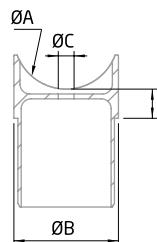
(Los datos reflejados están basados en ensayos realizados con cálculo elementos finitos y verificados en nuestras instalaciones con ensayos físicos. Es responsabilidad del usuario establecer la idoneidad de la información facilitada con el uso particular que vaya a realizar del producto)

(The data indicated are based on tests conducted by finite element calculation and checked at our facilities with physical tests. The user is responsible of determining the adequacy of the information provided to the particular use of the product)

(Les informations présentes s'appuient sur des tests réalisés par calcul par éléments finis et vérifiée au sein de nos installations par de essais physique. Il incombe à l'utilisateur de défi nir le bien fondé de l'information fournie et de la recuperer en fonction de l'usage qu'il fera lui-même du produit)



**comenza**  
Railing Passion



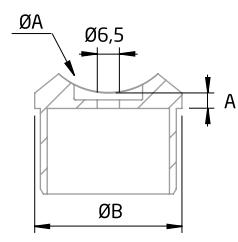
BA SATIN

**ST-309** AISI-316

	ØA	ØB	ØC	A	E*
4	43	20	8	4	1,5
2	43	43	6,5	12	1,5
2	50,8	50,8	8,5	9	1,5

DIN-912 M-6/M-8 L-20 (Brico Pag. 97)

BR-2011 M-6/M-8 (Brico Pag. 99)



BA SATIN

**ST-310** AISI-316

	ØA	ØB	A	E*
2	43	43	4,5	1,5
2	50,8	50,8	8	1,5

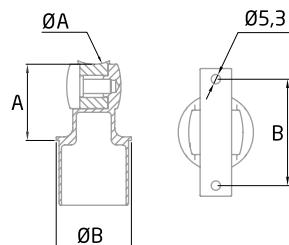
DIN-912 M-6 L-20 (Brico Pag. 98)

BR-2011 M-6 (Brico Pag. 99)





**comenza**  
Railing Passion



**SA-449** AISI-316

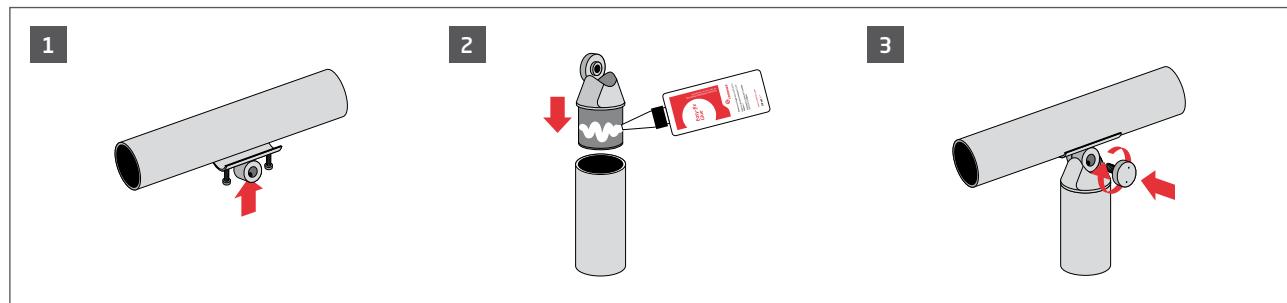
	øA	øB	A	B	E*
2	43	43	43	60	1,5

BA SATIN



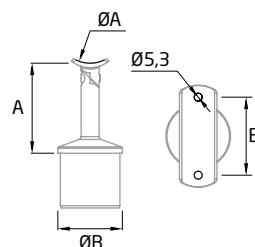
#### Instalación / Installation / Installation

**SA-449**





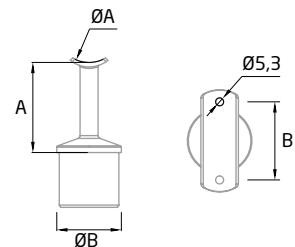
**comenza**  
Railing Passion



BA SATIN

**SA-404** AISI-316

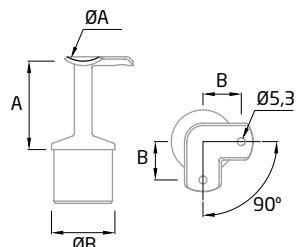
	øA	øB	A	B	E*
2	43	43	60	52	1,5
2	50,8	50,8	65	60	1,5



BA SATIN

**ST-302** AISI-316

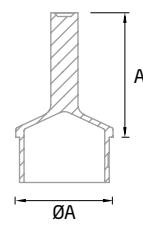
	øA	øB	A	B	E*
2	43	43	60	52	1,5
2	50,8	50,8	65	60	1,5



BA SATIN

**ST-319** AISI-316

	øA	øB	A	B	E*
2	43	43	60	26	1,5
2	50,8	50,8	65	30	1,5

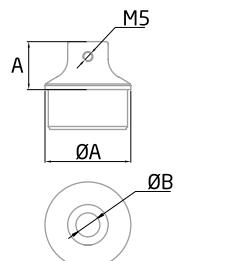


BA SATIN

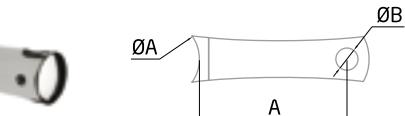
**ST-330** AISI-316

	øA	A	E*
2	43	55	1,5
2	50,8	55	1,5



**SA-420** AISI-316

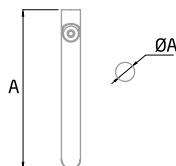
	$\varnothing A$	$\varnothing B$	A	$E^*$	BA	SATIN
2	43	12,5	24	1,5		
2	50,8	12,5	24	1,5		

**SA-421** AISI-316

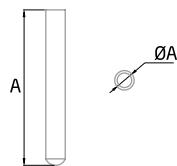
	$\varnothing A$	$\varnothing B$	A	BA	SATIN
2	43	12	80		

DIN-7991 M-6 L-40 (Brico Pag. 98)

BR-2011 M-6 (Brico Pag. 99)

**BG-00** AISI-316

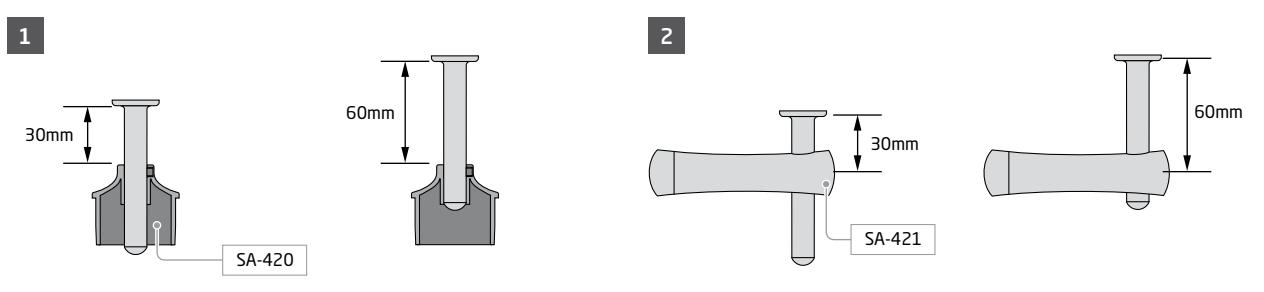
	$\varnothing A$	A	BA	SATIN
2	12	100		

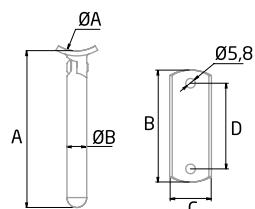
**BF-00** AISI-316

	$\varnothing A$	A	BA	SATIN
2	12	96		

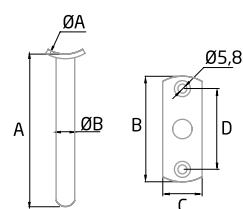


## Instalación / Installation / Installation

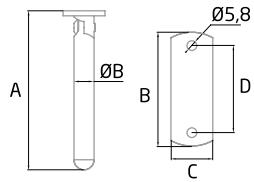
**SA-420 / SA-421**

**BG-R AISI-316**

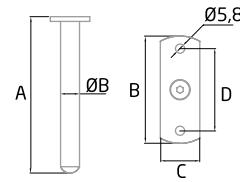
	ØA	ØB	A	B	C	D	BA	SATIN
2	43	12	95	68	25	52		
2	50,8	12	95	68	25	52		

**BF-R AISI-316**

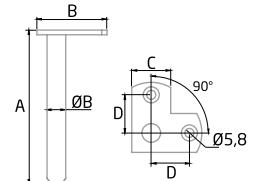
	ØA	ØB	A	B	C	D	BA	SATIN
2	43	12	98	68	25	52		
2	50,8	12	96	61,5	61,5	61,5		

**BG-FLAT AISI-316**

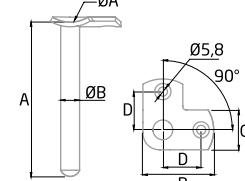
	ØB	A	B	C	D	BA	SATIN
2	12	95	68	25	52		

**BF-FLAT AISI-316**

	ØB	A	B	C	D	BA	SATIN
2	12	99	68	25	52		

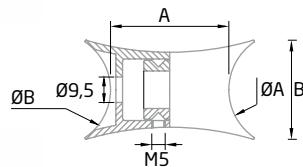
**BF-C FLAT 90 AISI-316**

	ØB	A	B	C	D	BA	SATIN
2	12	99	45	25	24,5		

**BF-C R 90 AISI-316**

	ØA	ØB	A	B	C	D	BA	SATIN
2	43	12	98	45	25	24		
2	50,8	12	98	45	25,5	24		



**ST-312 AISI-316**

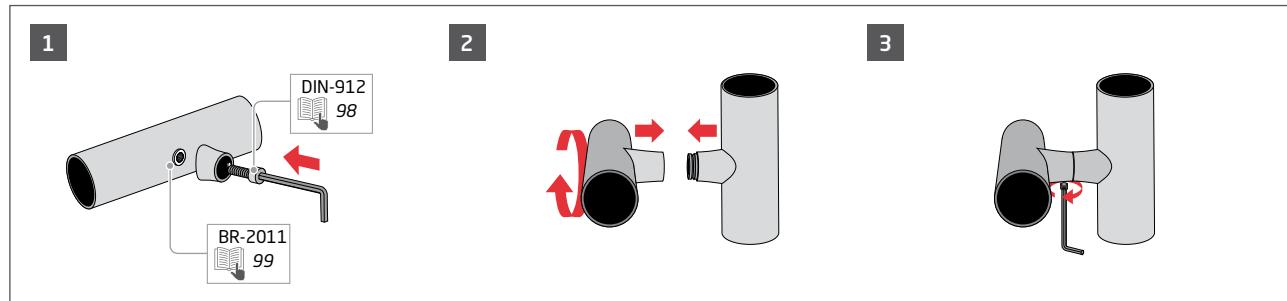
	$\varnothing A$	$\varnothing B$	A	B	BA	SATIN
2	43	43	44	37		
2	50,8	50,8	44	37		

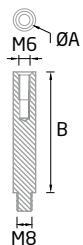
DIN-912 M-8 L-20 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)



## Instalación / Installation / Installation

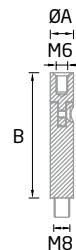
**ST-312**



ST-380 AISI-316

2	øA	B
2	12	65

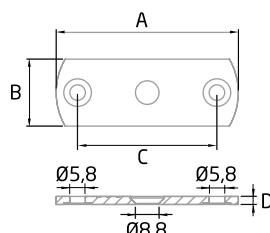
BA SATIN



SA-480 AISI-316

2	øA	B
2	12	65

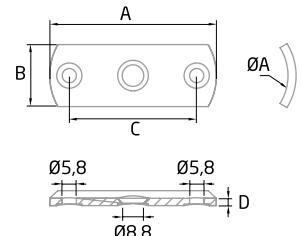
BA SATIN



ST-390 AISI-316

4	A	B	C	D
4	68	25	52	3

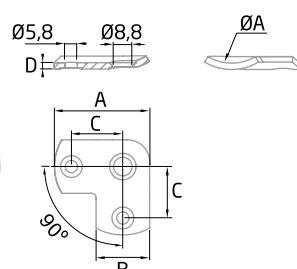
BA SATIN



ST-391 AISI-316

4	øA	A	B	C	D
4	43	68	25	52	3
4	50,8	68	25	52	3

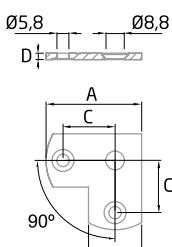
BA SATIN



ST-392 90° AISI-316

4	øA	A	B	C	D
4	43	45	25	24	3
4	50,8	45	25,5	24	3

BA SATIN

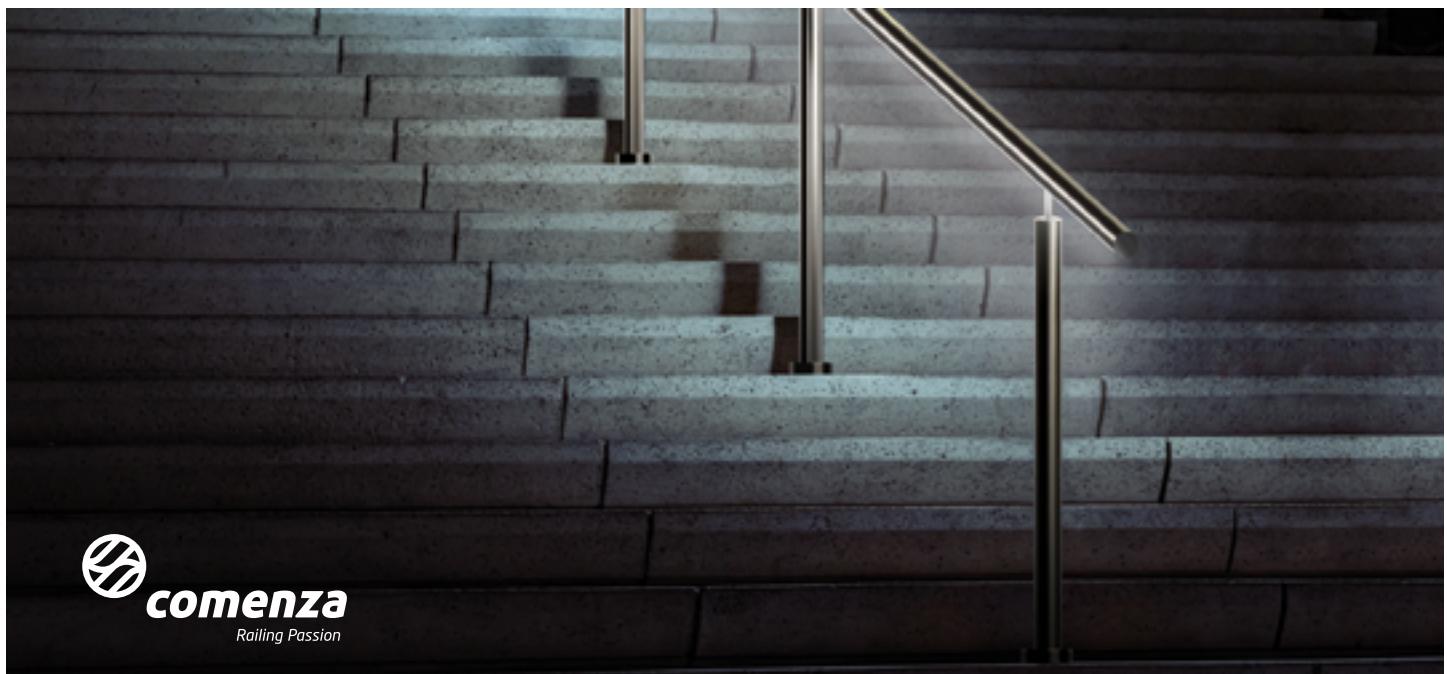


ST-393 AISI-316

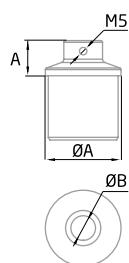
4	A	B	C	D
4	45	25	24,5	3

BA SATIN



**comenza**

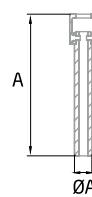
Railing Passion



BA SATIN

**SA-418** AISI-316

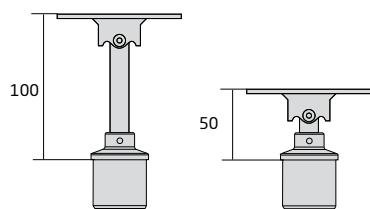
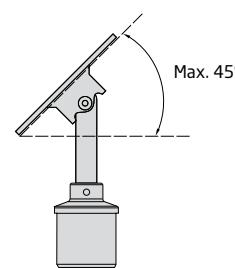
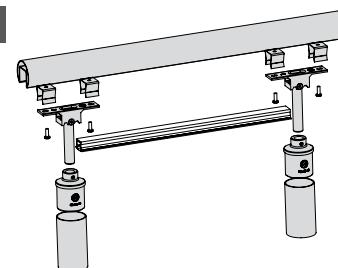
	$\varnothing A$	$\varnothing B$	A	$E^*$
2	43	14	20	1,5

**BG-01** AISI-316

	$\varnothing A$	A	B
2	14	112	75

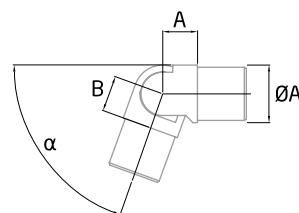


## Instalación / Installation / Installation

**1****2****3**



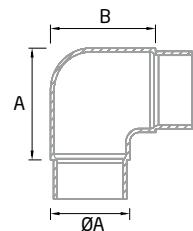
**comenza**  
Railing Passion



BA SATIN

**SA-409** AISI-316

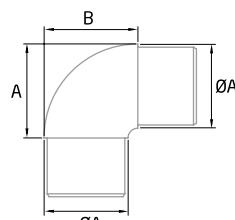
	$\varnothing A$	A	B	$E^*$	$\alpha$
4	12	8	8	1	0-90°
4	20	13	12,5	1,5	0-90°
2	43	26	27	1,5	0-90°
2	50,8	32	32	1,5	0-90°



BA SATIN

**CT-200** AISI-316

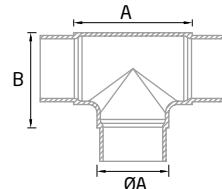
	$\varnothing A$	A	B	$E^*$
2	43	57	57	1,5
2	50,8	60	60	1,5



BA SATIN

**CT-201** AISI-316

	$\varnothing A$	A	B	$E^*$
4	20	30	30	1,5
2	43	48	48	1,5
2	50,8	56	56	1,5

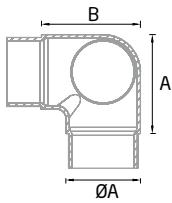


BA SATIN

**CT-202** AISI-316

	$\varnothing A$	A	B	$E^*$
2	43	71	57	1,5
2	50,8	69	60	1,5





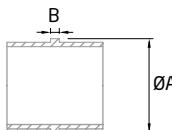
CT-205 AISI-316

	øA	A	B	E*	BA	SATIN
2	43	55	55	1,5		
2	50,8	60	60	1,5		



CT-206 AISI-316

	øA	A	B	E*	BA	SATIN
2	43	13	13	1,5		
2	50,8	14,7	14,7	1,5		



CT-207 AISI-316

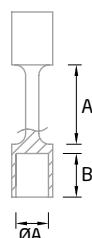
	øA	B	E*	BA	SATIN
4	12	2	1		
4	20	4	1,5		
2	38,1	4	1,5		
2	43	4	1,5		
2	50,8	4	1,5		



CT-208 AISI-316

	øA	A	B	E*	BA	SATIN
2	43	90	80	1,5		
2	50,8	95	102	1,5		

BR-2087 (Brico Pag. 104)



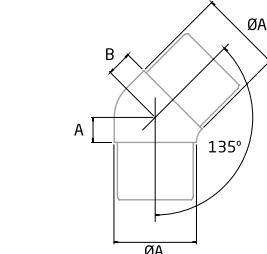
CT-209 AISI-316

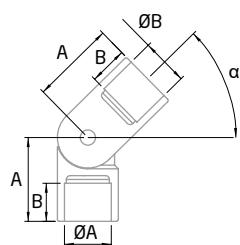
	øA	A	B	BA	SATIN
4	12	30	16,5		



SA-402 AISI-316

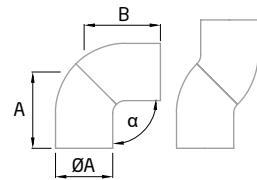
	øA	A	B	E*	α	BA	SATIN
2	43	55	55	1,5	90-180		
2	50,8	75	75	1,5	90-180		





SA-486 AISI-316

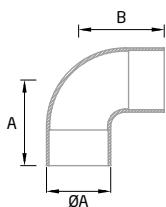
	ØA	ØB	A	B	α	BA	SATIN
	4	12	12	22	10	0-90	



SA-412 AISI-304

	ØA	A	B	α	BA	SATIN
	2	45	50	45	90-180	

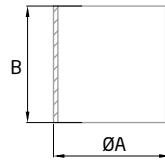
Pieza para pasamanos de madera  
Part for wood handrail  
Accessoire pour mains-courantes en bois



CT-215 AISI-304

	ØA	A	B	BA	SATIN
	2	45	60	60	

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

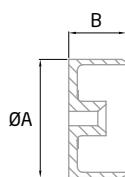


CT-216 AISI-304

	ØA	B	BA	SATIN
	2	45	45	

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





**CT-217** AISI-304

	øA	A
2	45	20

Pieza para pasamanos de madera

Part for wood handrail

Accessoire pour mains-courantes en bois



**BR-2040**

	øA
1	45

Pieza para pasamanos de madera

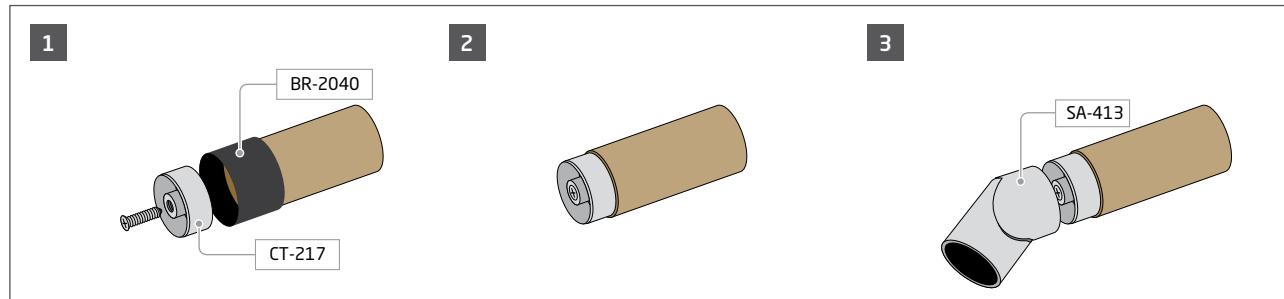
Part for wood handrail

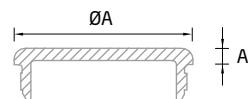
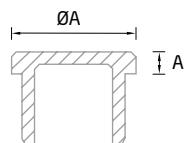
Accessoire pour mains-courantes en bois



#### Instalación / Installation / Installation

**BR-2040**





**TF-502** AISI-316

	ØA	A	E*	BA	SATIN
4	12	2	1		
4	15	2	1,5		
4	16	2	1,5		
4	18	2	1,5		
4	20	2	1,5		
4	25	2	1,5		
2	30	2	1,5		
2	33	2	1,5		
2	38,1	2	1,5		
2	40	2	1,5		
2	43	2	1,5		
2	50,8	2	1,5		
2	63,5	2	1,5		



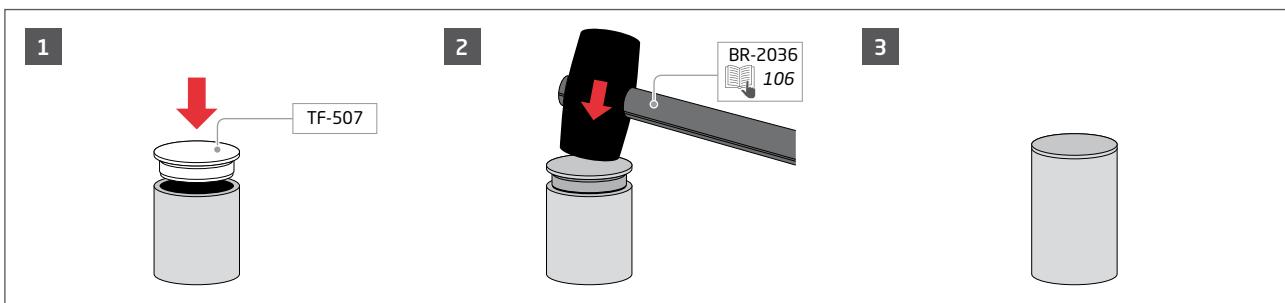
**TF-507** AISI-316

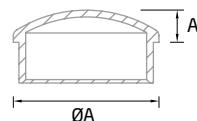
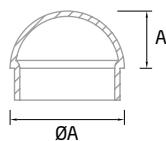
	ØA	A	E*	BA	SATIN
2	43	4	1,5		
2	50,8	4	1,5		



Instalación / Installation / Installation

**TF-507**



**TF-501** AISI-316

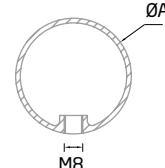
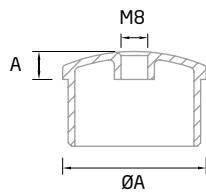
BA SATIN

	$\varnothing A$	A	$E^*$
2	43	21,5	1,5
2	50,8	25	1,5

**TF-505** AISI-316

BA SATIN

	$\varnothing A$	A	$E^*$
2	43	9,5	1,5
2	50,8	12	1,5

**TF-503** AISI-316

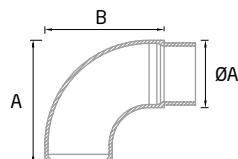
BA SATIN

	$\varnothing A$	A	$E^*$
2	43	8,4	1,5
2	50,8	8,4	1,5

**TF-504** AISI-316

BA SATIN

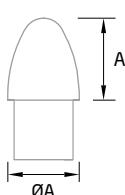
	$\varnothing A$
2	50
2	70

**TF-506** AISI-316

BA SATIN

	$\varnothing A$	A	B	$E^*$
2	50,8	83	80	1,5

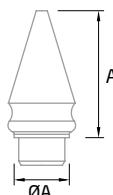




TF-508 AISI-316

	$\varnothing A$	A	$E^*$
4	12	14	1

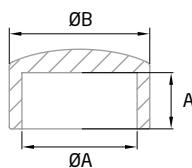
BA SATIN



TF-509 AISI-316

	$\varnothing A$	A	$E^*$
4	20	46	1,5

BA SATIN

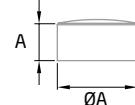


TF-510 AISI-316

	$\varnothing A$	$\varnothing B$	A
4	12	15	6

BA SATIN

Tapa para varilla  
End cap for rods  
Bouchon pour tige



TF-590 AISI-316

	$\varnothing A$	A	M
4	18	11	M8
4	22,5	13	M10

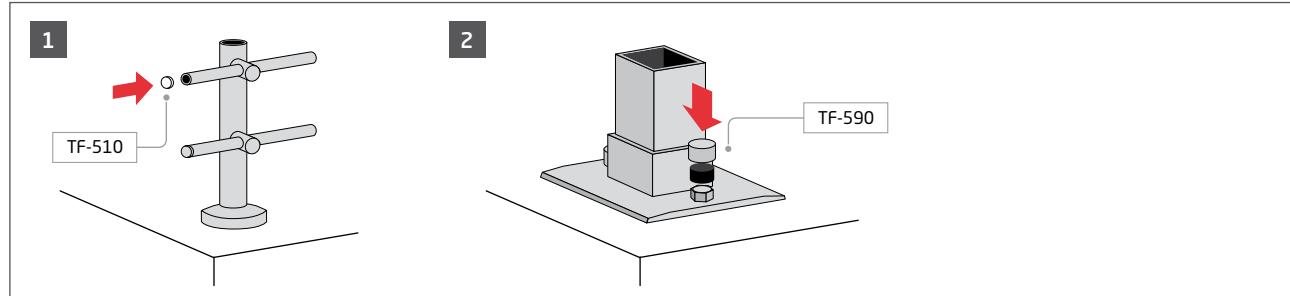
BA SATIN

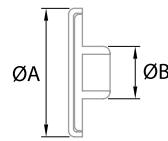
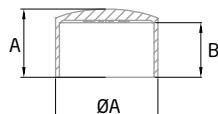
Tapa para cabeza de tornillo  
End cap for screw head  
Bouchon pour vis



## Instalación / Installation / Installation

## TF-510 / TF-590



**TF-513** AISI-304

	$\varnothing A$	A	B	BA	SATIN
2	45	30	24		

Pieza para pasamanos de madera

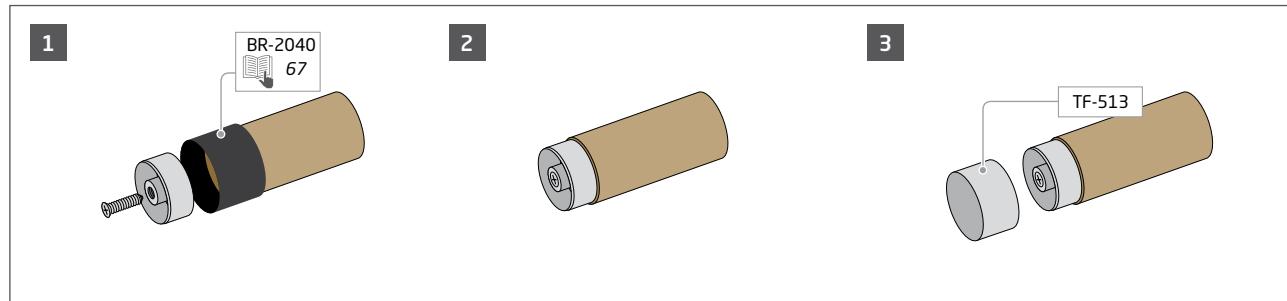
Part for wood handrail

Accessoire pour mains-courantes en bois

**TF-595** AISI-316

	$\varnothing A$	$\varnothing B$	BA	SATIN
16	13	5		

## Instalación / Installation / Installation

**TF-513**



# Posibilidades de anclaje

## Anchoring possibilities

### Possibilités d'ancrage

- \* 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
- \*\* 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

#### MINIMAL

##### HORMIGÓN COMPRIMIDO / UNCRACKED / BETÓN COMPRIMÉ

	Taco químico / Chemical anchor / Ancre chimique	Anclaje metálico / Anchor bolt / Cheville métallique
	FIS VS 300T	FBN II
	M-10	M-10
BS-20  13	●	●

\* DIN-975 + DIN-934 + DIN-125 (Brico 102)

\*\* DIN-933 + DIN-125 (Brico 102)

##### HORMIGÓN COMPRIMIDO - HORMIGÓN TRACCIONADO / CRACKED - UNCRACKED / BÉTON COMPRIMÉ - BÉTON EN TRACTION

	Taco químico / Chemical anchor / Ancre chimique	Anclaje metálico / Anchor bolt / Cheville métallique
	FIS VS 300T	FAZ II
	M-10	M-10
BS-20  13	●	●

\* DIN-975 + DIN-934 + DIN-125 (Brico 102)

\*\* Anclaje metálico sin taco químico. / Anchor bolt. / Ancre métallique.

#### SQUARE IT

##### HORMIGÓN COMPRIMIDO / UNCRACKED / BETÓN COMPRIMÉ

	Taco químico / Taco químico / Ancre chimique		Anclaje metálico / Anchor bolt / Cheville métallique	
	FIS VS		FBN II	
	M-10*	M-12*	M-12	
BS-10  17	●			
SL-1111  18	●			●
SL-1110  19	●	●		●
SL-1130**  20	●			

\*DIN-975 + DIN-934 + DIN-125 (Brico 102)

\*\*DIN-975 + DIN-934 + DIN-125 (Incluido en el embalaje / Included in the packaging / Inclus dans l'emballage)

##### HORMIGÓN COMPRIMIDO - HORMIGÓN TRACCIONADO / CRACKED - UNCRACKED / BÉTON COMPRIMÉ - BÉTON EN TRACTION

	Taco químico / Chemical anchor / Ancre chimique		Anclaje metálico / Anchor bolt / Cheville métallique	
	FIS VS		FAZ II	
	M-10*	M-12*	M-10	M-12
BS-10  17	●		●	
SL-1111  18	●			●
SL-1110  19	●	●		●
SL-1130**  20	●			

\*DIN-975 + DIN-934 + DIN-125 (Brico 102)

\*\*DIN-975 + DIN-934 + DIN-125 (Incluido en el embalaje / Included in the packaging / Inclus dans l'emballage)

**R-CONCEPT****HORMIGÓN COMPRIMIDO / UNCRACKED / BETÓN COMPRIMÉ**

	Taco químico / Chemical anchor / Ancre chimique			Anclaje metálico / Anchor bolt / Cheville métallique	
	FIS VS			FBN II	
	M-8	M-10	M-12	M-10	M-12
BS-00  41	●		●		
SA-451  42			●		
SL-1120*  43		●			
SL-1101  44		●		●	
SL-1100  45			●		●

\*DIN-975 + DIN-934 + DIN-125 (Brico 102)

\*\*DIN-975 + DIN-934 + DIN-125 (Incluido en el embalaje / Included in the packaging / Inclus dans l'emballage)

**HORMIGÓN COMPRIMIDO - HORMIGÓN TRACCIONADO / CRACKED - UNCRACKED / BÉTON COMPRIMÉ - BÉTON EN TRACTION**

	Taco químico / Chemical anchor / Ancre chimique			Anclaje metálico / Anchor bolt / Cheville métallique	
	FIS VS			FAZ II	
	M-8	M-10	M-12	M-10	M-12
BS-00  41	●		●		
SA-451  42			●		
SL-1120 **  43		●			
SL-1101  44		●		●	
SL-1100  45			●		●

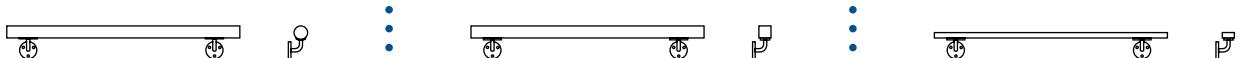
\*DIN-975 + DIN-934 + DIN-125 (Brico 102)

\*\*DIN-975 + DIN-934 + DIN-125 (Incluido en el embalaje / Included in the packaging / Inclus dans l'emballage)





# Handrail



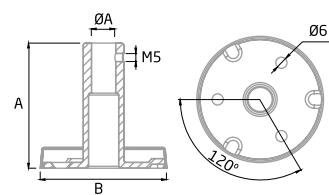
*Sistema / System / Système*  
Handrail: Round

*Sistema / System / Système*  
Handrail: Square

*Sistema / System / Système*  
Handrail: Rectangular



New!



BA SATIN

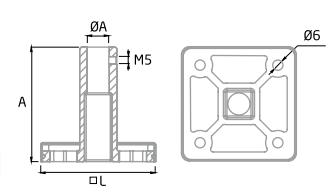
SA-490 BA AISI-316

	øA	A	B
2	12,5	65	66

BR-2087 (Brico Pag. 104)



New!



BA SATIN

SA-491 BA AISI-316

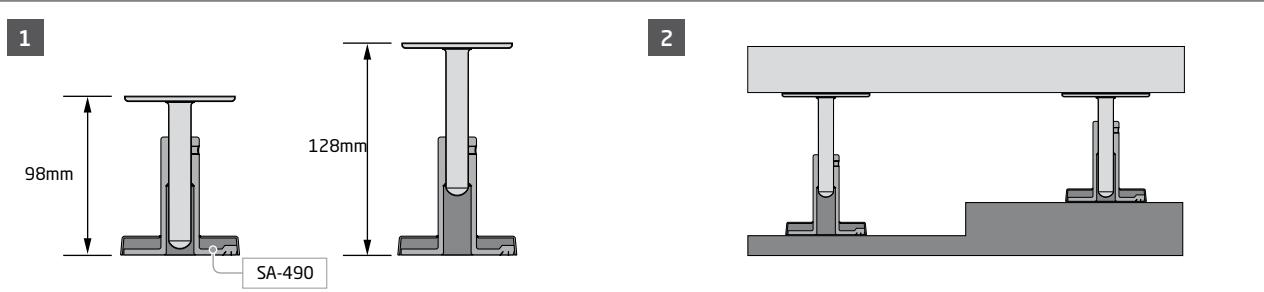
	□ L	øA	A
2	65	12,5	65

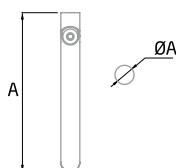
BR-2087 (Brico Pag. 104)



## Instalación / Installation / Installation

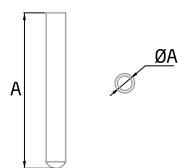
SA-490 / SA-491





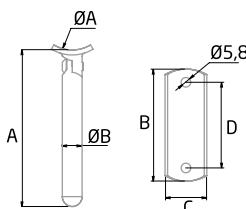
BA SATIN

**BG-00** AISI-316  
2 12 100



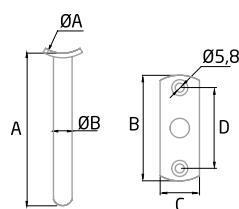
BA SATIN

**BF-00** AISI-316  
2 12 96



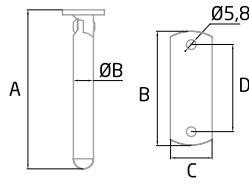
BA SATIN

**BG-R** AISI-316  
2 43 12 95 68 25 52  
2 50,8 12 95 68 25 52



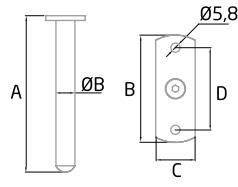
BA SATIN

**BF-R** AISI-316  
2 43 12 98 68 25 52  
2 50,8 12 96 61,5 61,5 61,5



BA SATIN

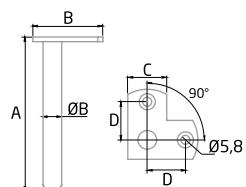
**BG-FLAT** AISI-316  
2 12 95 68 25 52



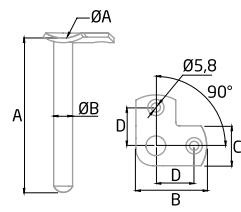
BA SATIN

**BF-FLAT** AISI-316  
2 12 99 68 25 52



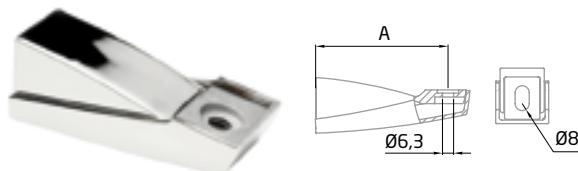
**BF-C FLAT 90 AISI-316**

	øB	A	B	C	D	BA	SATIN
2	12	99	45	25	24,5		

**BF-C R 90 AISI-316**

	øA	øB	A	B	C	D	BA	SATIN
2	43	12	98	45	25	24		
2	50,8	12	98	45	25,5	24		





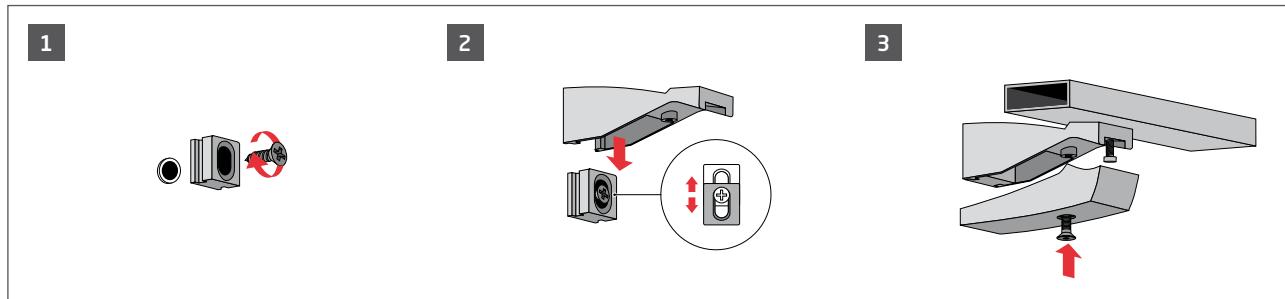
ST-334 AISI-316		
	A	E*
2	75	1,5

BR-2012 (Brico Pag. 104)  
 DIN-7984 M-6 L-20 (Brico Pag. 98)  
 BR-2011 M-6 (Brico Pag. 99)  
 BR-2087 (Brico Pag. 104)



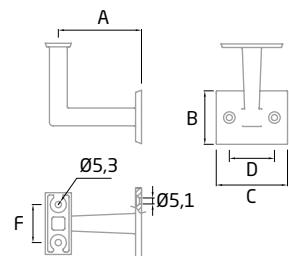
#### Instalación / Installation / Installation

**ST-334**





Soporte pasamanos pared / Wall handrail brackets / Support main courante pour mur

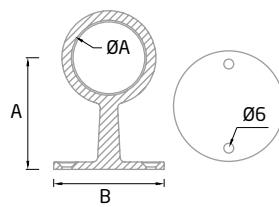


**ST-335 AISI-316**

	A	B	C	D	F	
2	70	45	60	38	32	

BR-2087 (Brico Pag. 104)

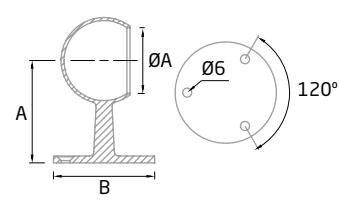




**ST-304** AISI-316

	øA	A	B	BA	SATIN
2	43	68	67		

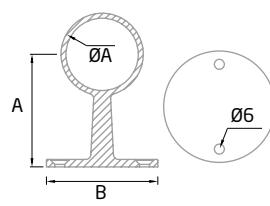
BR-2087 (Brico Pag. 104)



**ST-305** AISI-316

	øA	A	B	BA	SATIN
2	43	68	67		

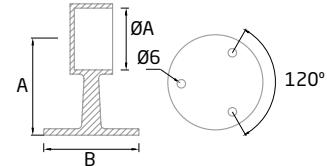
BR-2087 (Brico Pag. 104)



**ST-306** AISI-316

	øA	A	B	BA	SATIN
2	43	72	69		
2	50,8	83	63		

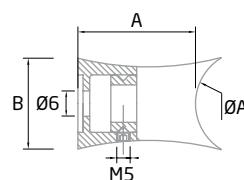
BR-2087 (Brico Pag. 104)



**ST-307** AISI-316

	øA	A	B	BA	SATIN
2	43	72	69		
2	50,8	83	63		

BR-2087 (Brico Pag. 104)



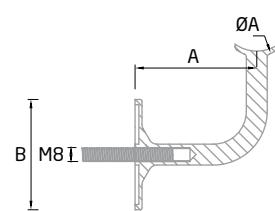
**ST-313** AISI-316

	øA	A	B	BA	SATIN
2	40	44	34		

DIN-912 M-8 L-20 (Brico Pag. 98)

BR-2011 M-8 (Brico Pag. 99)

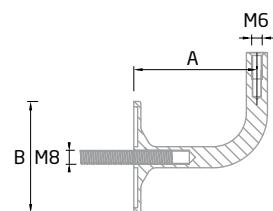




BA SATIN

**ST-340 AISI-316**

	øA	A	B
2	43	70	63
2	50,8	70	63



BA SATIN

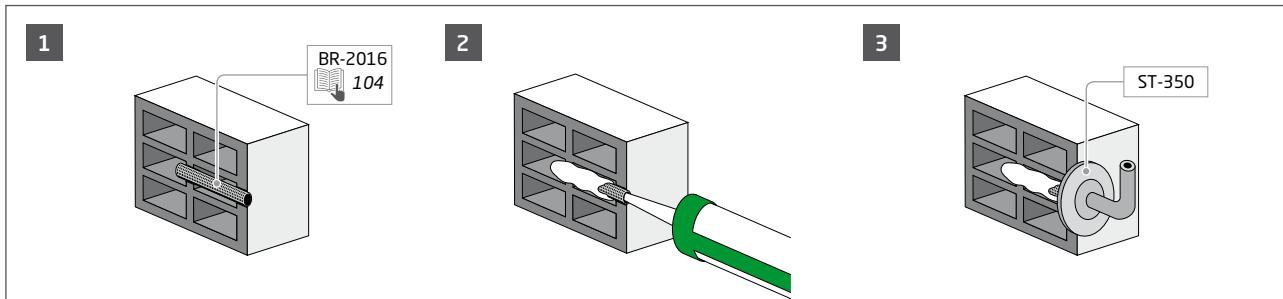
**ST-350 AISI-316**

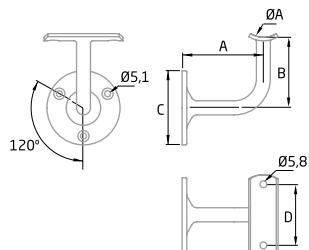
	A	B
2	70	63



Instalación / Installation / Installation

**ST-350**



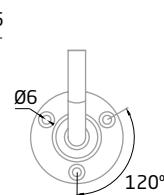
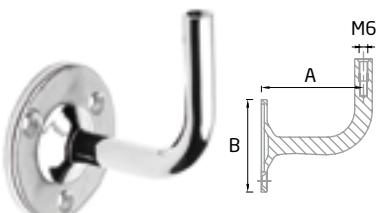


**ST-303 AISI-316**

	ØA	A	B	C	D	BA	SATIN
2	43	70	60	63	52		
2	50,8	70	60	63	52		

BR-2011 (Brico Pag. 99)

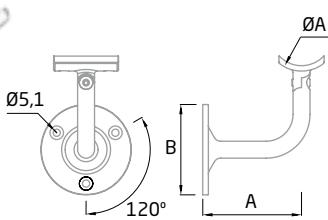
BR-2087 (Brico Pag. 104)



**ST-351 AISI-316**

	A	B
2	70	63

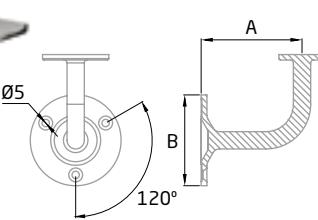
BR-2087 (Brico Pag. 104)



**SA-410 AISI-316**

	ØA	A	B	BA	SATIN
2	43	70	63		
2	50,8	70	63		

BR-2087 (Brico Pag. 104)

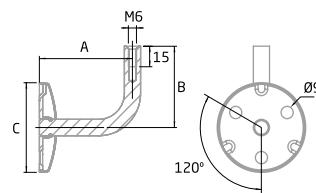


**ST-316 AISI-316**

	A	B
2	70	63

BR-2087 (Brico Pag. 104)





ST-352 AISI-316

	A	B	C	BA	SATIN
2	69	59,5	66		

BR-2012 (Brico Pag. 104)

BR-2087 (Brico Pag. 104)



ST-353 AISI-316

	ØA	A	B	C	D	BA	SATIN
2	43	69	59,5	66	32		
2	50,8	69	59,5	66	32		

BR-2012 (Brico Pag. 104)

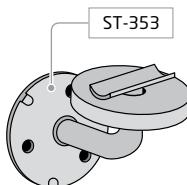
BR-2087 (Brico Pag. 104)



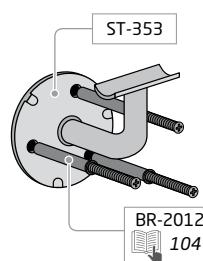
## Instalación / Installation / Installation

ST-353

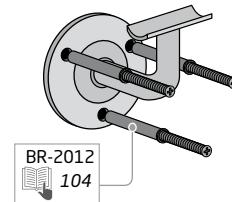
1



2



3



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. Taladrar de la pared
2. Colocación de pieza
3. Fijar el soporte a la pared con el tajo premontado [img.2]

## Pasos de instalación en soportes convencionales:

1. Taladrar de la pared
2. Colocar el tirafondo
3. Colocar 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'embellisseur 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]





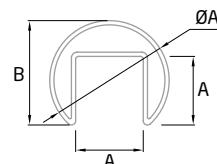


**DecoLed**



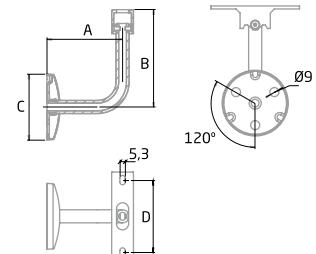
*Sistema / System / Système*

DecoLed



RP-1400 AISI-316

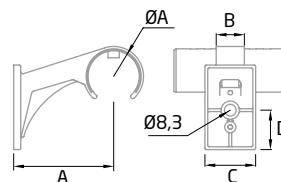
LG	ØA	A	B	E*	BA	SATIN
5000	42,4	24	37	1,5		



ST-346 AISI-316

BA	A	B	C	D	BA	SATIN
2	75	97	66	72		

BR-2012 (Brico Pag. 104)

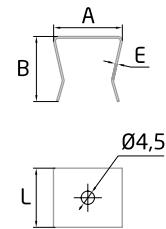
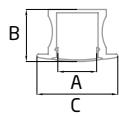


ST-345 AISI-316

BA	ØA	A	B	C	D	BA	SATIN
2	42,4	71	20	36	28		

BR-2012 (Brico Pag. 104)





**AL-01**

LG	A	B	C
2000	12	16	24

SATIN

**AL-00 AISI-304**

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

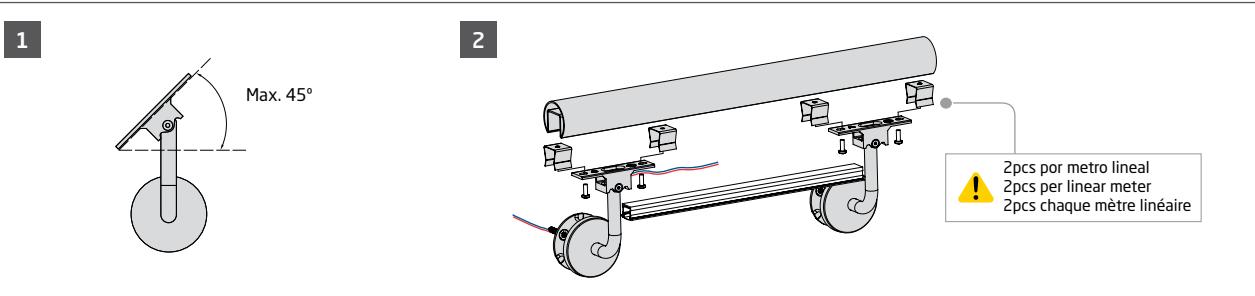
\*QLTY: Aluminio / Aluminium / Aluminium

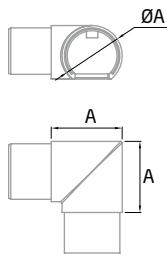
DIN-912 M-4 L-6 (Brico Pag. 98)

BR-2011 M-4 (Brico Pag. 99)

#### Instalación / Installation / Installation

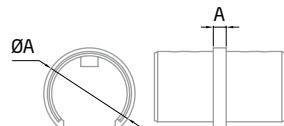
**ST-346**





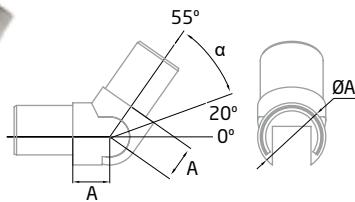
CT-211 AISI-316

	$\emptyset A$	A	$E^*$	
2	42,4	50	1,5	



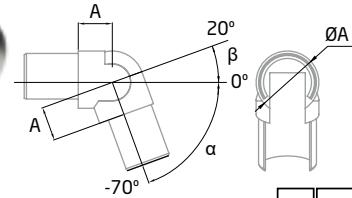
CT-212 AISI-316

	$\emptyset A$	A	$E^*$	
2	42,4	4	1,5	



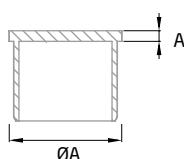
SA-416 AISI-316

	$\emptyset A$	A	$E^*$	$\alpha$
2	42,4	23	1,5	20-55°



SA-417 AISI-316

	$\emptyset A$	A	$E^*$	$\alpha$	$\beta$
2	42,4	23	1,5	0-70°	0-20°



TF-512 AISI-316

	$\emptyset A$	A	$E^*$	
2	42,4	3	1,5	





### BR-2086-LEDS

	m/box	V	W/m	Lm/m	Protection
1	5	24	14,4	1150	IP-65

Tira de leds. Color: blanco cálido  
Led strip. Colour: warm white  
Ruban LED. Couleur: blanc chaud



### SP-200

	V (in)	V (out)	W	Protection
1	230	24	200	IP-20

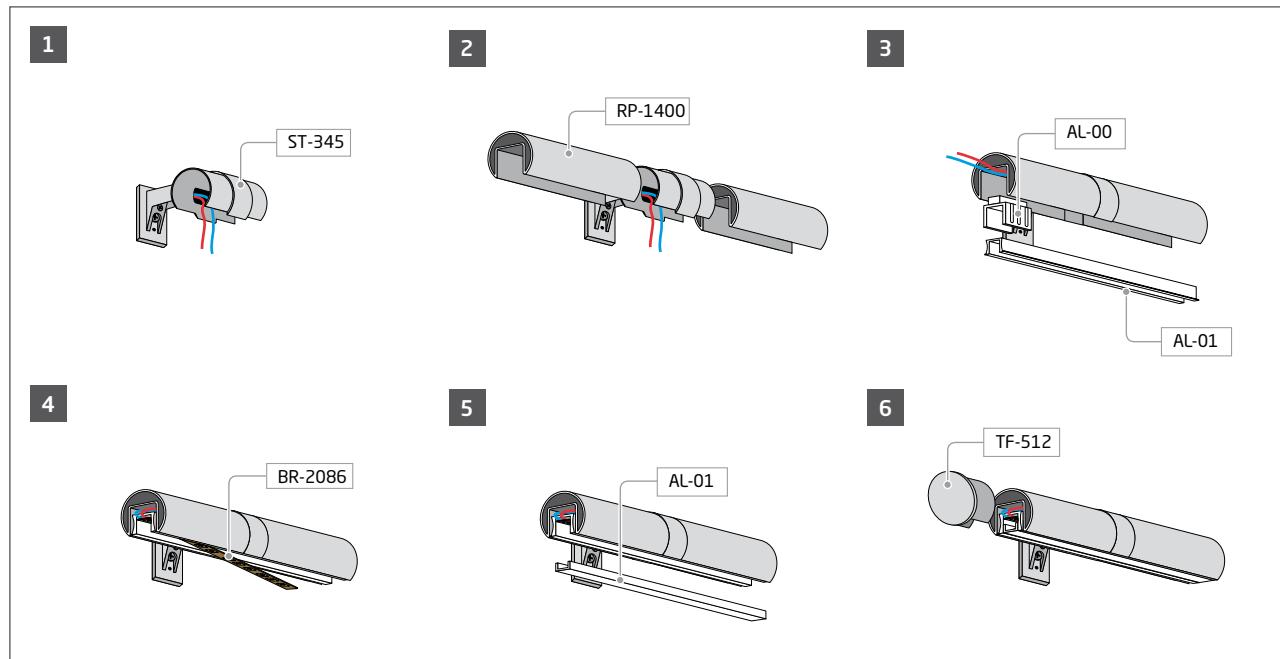
Fuente alimentación Decoled  
Decoled power source device  
Source d'énergie pour DecoLed

 Esquema de conexionado  
Wiring diagram  
92 Schéma de câblage

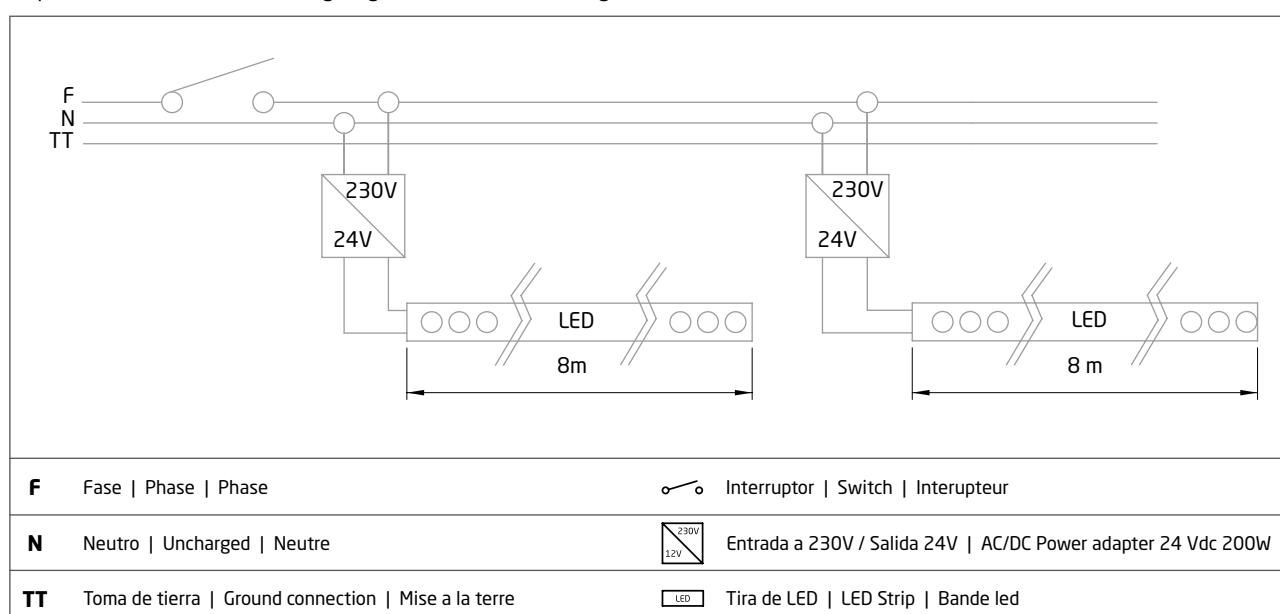


## Instalación / Installation / Installation

DecoLed

Ver video de instalación en / Watch installation video at / Voir video d'installation à [www.comenza.com](http://www.comenza.com)

## Esquema de conexionado / Wiring diagram / Schéma de câblage



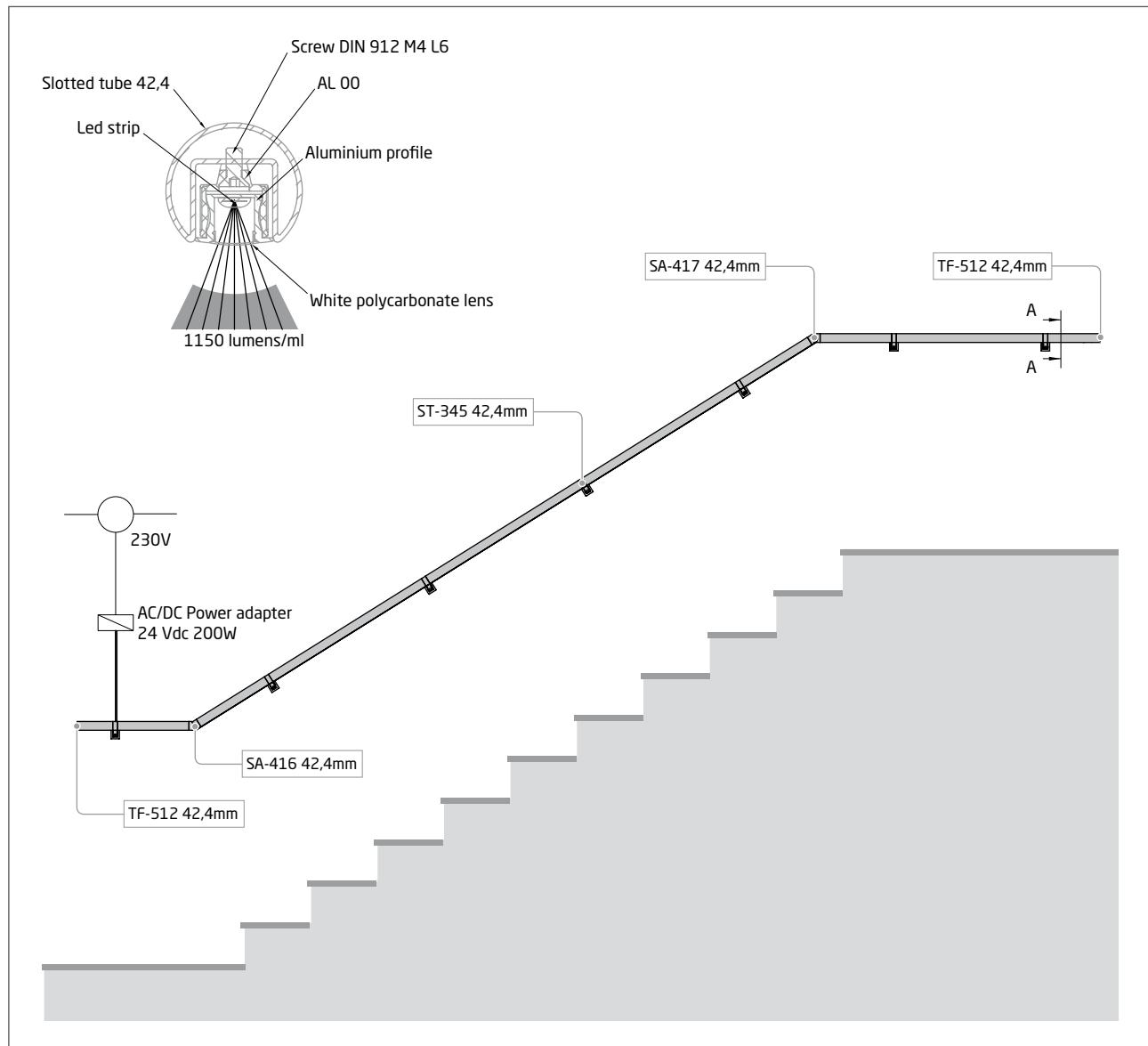
\* NOTA: La longitud y cantidad máxima de tiras led a instalar para cada transformador, debe ser calculada por un técnico electricista cualificado en función de las condiciones particulares de cada instalación (esquema de conexión, longitud y sección de cables utilizado, etc.).

\* NOTE: The length and maximum number of led strips to be installed for each transformer must be calculated by a qualified electrician based on the particular conditions of each installation (connection diagram, length and section of cables used, etc.).

\* REMARQUE : La longueur et le nombre maximum de bandes LED à installer pour chaque transformateur doivent être calculés par un électricien qualifié en fonction des conditions particulières de chaque installation (schéma de connexion, longueur et section des câbles utilisés, etc.).



## Posibilidades de suministro de PL-20 / PL-20 Supply possibilities / Possibilités de fourniture PL-20







*Brico*

**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**

1

BLACK

\* Sellante-adhesivo  
Sealant-adhesive  
Scellement-adhésif



[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)

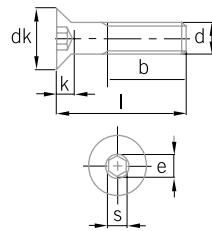
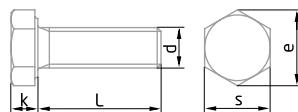
1

\* Limpiador  
Cleaner  
Nettoyant

**STAIN ZERO** (500ml)

1

\* Quitaóxido  
Stain remover  
Détachant

**DIN-933**

	Qty.	d	LG	K	e	s
100	CLASS 8.8/A2/A4	M10	30	6,4	18,9	17
100	CLASS 8.8/A2/A4	M12	30	7,5	21,1	19
M-10	Serie	Ref.				
	SL	SL-1101, SL-1111				
M-12	Serie	Ref.				
	SL	SL-1100, SL-1110				

\* Usar con: RG MI + DIN 125 (Pag. 102)

Use with RG MI + DIN 125 (Pag. 102)

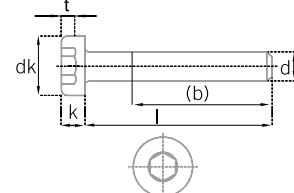
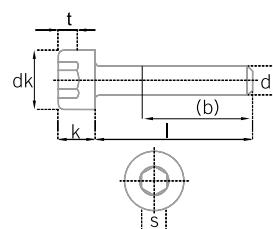
Utiliser avec: RG MI + DIN 125 (Pag. 102)

**DIN-7991**

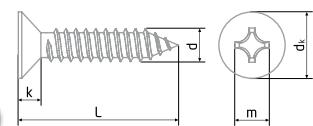
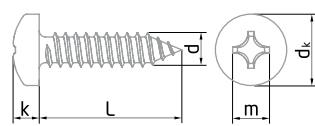
	Qty.	d	LG	dk	K	e	S	B
50	A2/A4	M-6	25	12	3,3	4,7	4	18
50	A2/A4	M-6	40	12	3,3	4,7	4	18
M-6 L-25	Serie	Ref.						
	ST	ST-320, ST-321, ST-322, ST-323, ST-325, ST-326, ST-328, ST-370						
M-6 L-40	Serie	Ref.						
	SA	SA-421						

**DIN-912**

	Qty.	d	LG	dk	Kmax	S
50	A2	M-4	6	7	4	3
50	A2/A4	M-6	20	10	6	5
50	A2/A4	M-8	20	13	8	6
M-4	Serie	Ref.				
	AL	AL-00				
M-6	Serie	Ref.				
SA	SA-407					
ST	ST-309 43X20, ST-309 43X43, ST-309 50'8X20, ST-310 43X43					
M-8	Serie	Ref.				
CC	CC-700, CC-701, CC-702, CC-703, CC-720, CC-721, CC-724, CC-725, CC-726, CC-727, CC-750, CC-751					
ST	ST-309 43x20, ST-309 50'8X50'8, ST-310 50'8X50'8, ST-312, ST-313					

**DIN-7984**

	Qty.	d	LG	dk	K	S	t
50	A2/A4	M-6	20	10	4	4	3
50	A2/A4	M-8	30	13	5	5	3,8
M-6	Serie	Ref.					
	ST	ST-334					
M-8	Serie	Ref.					
CC	CC-759, CC-761						

**DIN-7981**

	Qty.	d	LG	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

D-4,8	Serie	Ref.
	BF	BFC-R 135°, BFC-R 90°, BF-R
	BG	BG-00, BG-R
	SA	SA-404, SA-449
	ST	ST-302, ST-319, ST-392, ST-394

D-6,3	Serie	Ref.
	AV	AV-610
	ST	ST-308, ST-333

\* Uso con pasamanos de madera.

Use with wood handrail.

Utilisation avec mains-courantes en bois.

**DIN-7982**

	Qty.	d	LG	dk	k	m
50	A2/A4	3,9	25	7,5	2,3	4,6
50	A2/A4	6,3	60	12,4	3,8	7,1

D-3,9	Serie	Ref.
	SA	SA-410
	ST	ST-303, ST-311, ST-340, ST-353, ST-391

D-6,3	Serie	Ref.
	ST	ST-317, ST-334, ST-345

\* Uso con pasamanos de madera.

Use with wood handrail.

Utilisation avec mains-courantes en bois.

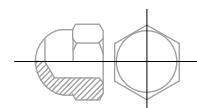
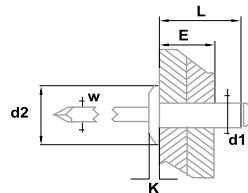
**BR-2011**

	Qty.	M
50	A2/A4	M-4
50	A2/A4	M-6
50	A2/A4	M-8

M-4	Serie	Ref.
	AL	AL-00

M-6	Serie	Ref.
	SA	SA-405, SA-421, SA-407
	SC	SC-800, SC-801
	ST	ST-303, ST-308, ST-309 43X20, ST-309 43X43, ST-309 50,8X20, ST-320, ST-321, ST-322, ST-323, ST-325, ST-326, ST-328, ST-334, ST-370

M-8	Serie	Ref.
	CC	CC-700, CC-701, CC-702, CC-703, CC-720, CC-721, CC-724, CC-725, CC-726, CC-727, CC-750, CC-751, CC-759, CC-761, CC-768
	ST	ST-309 43x20, ST-309 50,8x50,8, ST-310 43X43, ST-310 50,8x50,8, ST-312, ST-313

**BR-2015**

	Qty.	M	LG
50	A2/A4	4	8
50	A2/A4	4,8	10

M-4	Serie	Ref.
SA		SA-410
ST		ST-303, ST-311, ST-316, ST-340, ST-353

M-4,8	Serie	Ref.
SA		SA-404, SA-449
BF		BFC-R 135°, BFC-R 90°, BF-R, BF-FLAT, BFC-FLAT 90, BFC-FLAT 135
BG		BG-R, BG-FLAT
ST		ST-302, ST-319, ST-335, ST-392, ST-393, ST-394, ST-395

**DIN-1587**

	Qty.	M
250	A2/A4	M-8
250	A2/A4	M-10
250	A2/A4	M-12

M-8	Serie	Ref.
AV		AV-610

M-10	Serie	Ref.
SL		SL-1101, SL-1111

M-12	Serie	Ref.
SL		SL-1100, SL-1110

**FIS VS**

1

**Serie Ref.**

BS	BS-00, BS-10, BS-20
SL	SL-1100, SL-1101, SL-1110, SL-1111, SL-1120, SL-1130, SL-1140
SA	SA-451

**FIS SE**

10

**BR-2016**

10

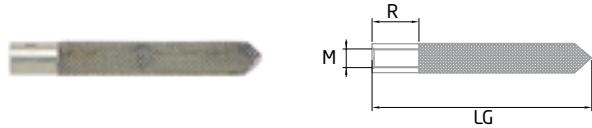
\* Tamices plásticos  
Plastic anchor sleeve  
Tamis plastiques


**DIN-975**

	Qty.	M	LG	
1	CLASS 8.8/A2/A4	M-8	1000	ø10
1	CLASS 8.8/A2/A4	M-10	1000	ø12
1	CLASS 8.8/A2/A4	M-12	1000	ø14
<b>M-8</b>	Serie	<b>Ref.</b>		
	BS	BS-00		
<b>M-10</b>	Serie	<b>Ref.</b>		
	BS	BS-10, BS-20		
	SL	SL-1101, SL-1111, SL-1140		
<b>M-12</b>	Serie	<b>Ref.</b>		
	BS	BS-00 (Anclaje Central / Central anchorage / Ancrage Centrale)		
	SL	SL-1100, SL-1110		
	SA	SA-451		

**DIN-934**

	Qty.	M	E*	
250	CLASS 8/A2/A4	M-8	6,5	
250	CLASS 8/A2/A4	M-10	8	
250	CLASS 8/A2/A4	M-12	10	
<b>M-8</b>	Serie	<b>Ref.</b>		
	BS	BS-00		
<b>M-10</b>	Serie	<b>Ref.</b>		
	BS	BS-10, BS-20		
	SL	SL-1101, SL-1111, SL-1140		
<b>M-12</b>	Serie	<b>Ref.</b>		
	BS	BS-00 (Anclaje Central / Central anchorage / Ancrage Centrale)		
	SL	SL-1100, SL-1110		
	SA	SA-451		


**DIN-125**

	Qty.	M	E*	
250	STEEL /A2/A4	M-8	1,6	
250	STEEL /A2/A4	M-10	2	
250	STEEL /A2/A4	M-12	2,5	
<b>M-8</b>	Serie	<b>Ref.</b>		
	BS	BS-00		
<b>M-10</b>	Serie	<b>Ref.</b>		
	BS	BS-10, BS-20		
	SL	SL-1101, SL-1111, SL-1140		
<b>M-12</b>	Serie	<b>Ref.</b>		
	BS	BS-00 (Anclaje Central / Central anchorage / Ancrage Centrale)		
	SL	SL-1100, SL-1110		
	SA	SA-451		

**RG MI**

	Qty.	M	LG	R	
10	STEEL	M-6	75	16	ø12
10	STEEL / A4	M-8	90	18	ø14
10	A4	M-10	90	23	ø18
10	A4	M-12	125	26	ø20
<b>M-6</b>	Serie	<b>Ref.</b>			
	SC	SC-800, SC-801			
<b>M-8</b>	Serie	<b>Ref.</b>			
	CC	CC-700, CC-702, CC-720, CC-724, CC-726, CC-750, CC-768			
<b>M-10</b>	Serie	<b>Ref.</b>			
	SL	SL-1101, SL-1111			
<b>M-12</b>	Serie	<b>Ref.</b>			
	SL	SL-1100, SL-1110			

**FAZ II**

	Qty.	M	LG	E*	
25	STEEL / A4	M-10	105	20	
20	STEEL / A4	M-12	120	20	
M-10	Serie	Ref.			
	BS	BS-10, BS-20			
	SL	SL-1101			
M-12	Serie	Ref.			
	SL	SL-1100, SL-1110, SL-1111			

**FBN II**

	Qty.	M	LG	E*	
25	STEEL/A4	M-10	96	20	
20	STEEL/A4	M-12	116	20	
M-10	Serie	Ref.			
	BS	BS-20			
	SL	SL-1101			
M-12	Serie	Ref.			
	SL	SL-1100, SL-1110, SL-1111			

**CH**

	Qty.	M	LG	E*	
50	STEEL/A2	M-8	80	15	
50	STEEL/A2	M-10	100	25	

**CH-PL**

	Qty.	M	LG	E*	
50	STEEL/A2	M-10	100	25	

**MT**

	Qty.	M	LG	E*	
50	STEEL/A2/A4	M-10	90	10	
50	STEEL/A2/A4	M-10	150	10	
50	STEEL/A2/A4	M-12	110	12	


**BR-2012**

	Qty.	LG	E*	
	50	STEEL/A4	80	10

Serie	Ref.
ST	ST-334, ST-345

**BR-2018**

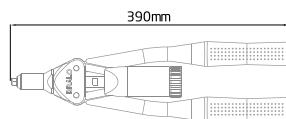
	Qty.	LG	E*	
	50	STEEL/A4	80	10

Serie	Ref.
AV	AV-610
ST	ST-308 43, ST-308 50,8, ST-333


**BR-2087**

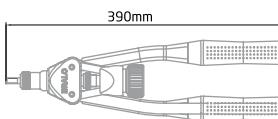
	Qty.	* øT	* P	
	100	NYLON	4,5-6,0	50
	100	NYLON	6,0-8,0	65

4,5-6,0	Serie	Ref.
	ST	ST-303, ST-304, ST-305, ST-306, ST-307, ST-311, ST-316, ST-335, ST-351, ST-353
	SA	SA-410
	CT	CT-208
	AV	AV-600, AV-601, AV-602
6,0-8,0	Serie	Ref.
	ST	ST-334, ST-345, ST-333, ST-308 43, ST-308 50,8
	AV	AV-610

**BM-160**

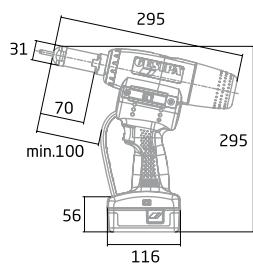
Ø mm	Aluminio Aluminium	Acero Iron / Acier	Stainless Steel	Cobre Cooper/Cuivre
4,0	✓	✓	✓	✓
4,8	✓	✓	✓	✓

\* Remachadora  
Rivet gun  
Riveteuse

**TR-308**

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

\* Remachadora de tuercas remachables  
Nuts rivet gun  
Riveteuse d'écroux

**FIREBIRD PRO**

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

\* Remachadora de tuercas remachables automática  
Automatic rivet gun  
Riveteuse automatique

**BR-2075**

1

\* Amoladora  
Angle grinder  
Meuleuse

**BR-2060**

Ref.  
FIS VS, FIS MS PRO

\* Pistola para taco químico  
Chemical anchor gun  
Outil pour fixation chimique



EN 388

**BR-2085**

1 par / pair / paire

Tallas / Size / Taille

6 / 7 / 8 / 9 / 10



**BR-2036**



1

Martillo  
Hammer  
Marteau



**BR-2037**



1

Llave dinamométrica 20-100 Nm Gedore  
Torque wrench 20-100 Nm Gedore  
Clé dynamométrique 20-100 Nm Gedore



**BR-2033**



1

Herramienta multiusos allen cabeza hexagonal  
Allen hexagonal head multi-purpose tool  
Outil multifonction allen à tête hexagonale



**BR-2034**



1

Juego de llaves allen-bola con cabeza corta 1,5-10  
Allen-ball wrench set with short head 1,5-10  
Jeu de clés allen-boule 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  
Jeu de méches en acier inox 1-13x0,5



BR-2054



1

Multinivel  
Multilevel  
Multiniveau  
Multiniveau

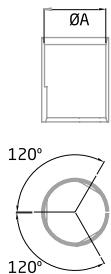


BR-2064



1

Tenaza para cortar cable  
Wire stripper  
Tenaille coupe-câble



BR-2040



1

 $\varnothing A$ 

45

Centrador para pasamanos de madera  
Centering tool for wood handrail  
Outil pour centré pour mains-courantes en bois



BR-2051



1

Nivel medidor ángulos  
Angle meter spirit level  
Rapporteur d'angle niveau à bulle



BR-2070



1

 $\alpha$ 

0-45°

Sierra cinta portatil  
Portable belt saw  
Scie à ruban portable



BR-2071



1

Info

1440x13x0,65 (10/14)

Cinta de sierra  
Band Saw  
Lames de scie à ruban



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Depósito Legal / Spanish Publication Number / Dépôt légal:  
**LU 165-2016**

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