

***Railing
Passion***



Stainless Steel Railing Systems

VERSION IV - 09/2019



*Railing
Passion*

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Info



Railing Passion

[esp]

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

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

MISSION

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

VISION

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

[eng]

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

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

OUR MISSION

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

OUR VISION

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

[fra]

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

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

NOTRE MISSION

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

NOTRE VISION

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



Passion for safety

Pasión por la seguridad

[esp]

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

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

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

Passion for safety

[eng]

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

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

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

Passion pour la sécurité

[fra]

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

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

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



*Passion
for people*

Pasión por las personas

[esp]

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

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

Passion for people

[eng]

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

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

Passion pour les personnes

[fra]

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

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



Passion for design



Pasión por el diseño

[esp]

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

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

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

Passion for design

[eng]

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

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

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

Passion pour le dessin

[fra]

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

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

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



Internacional

[esp]

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

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

International

[eng]

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

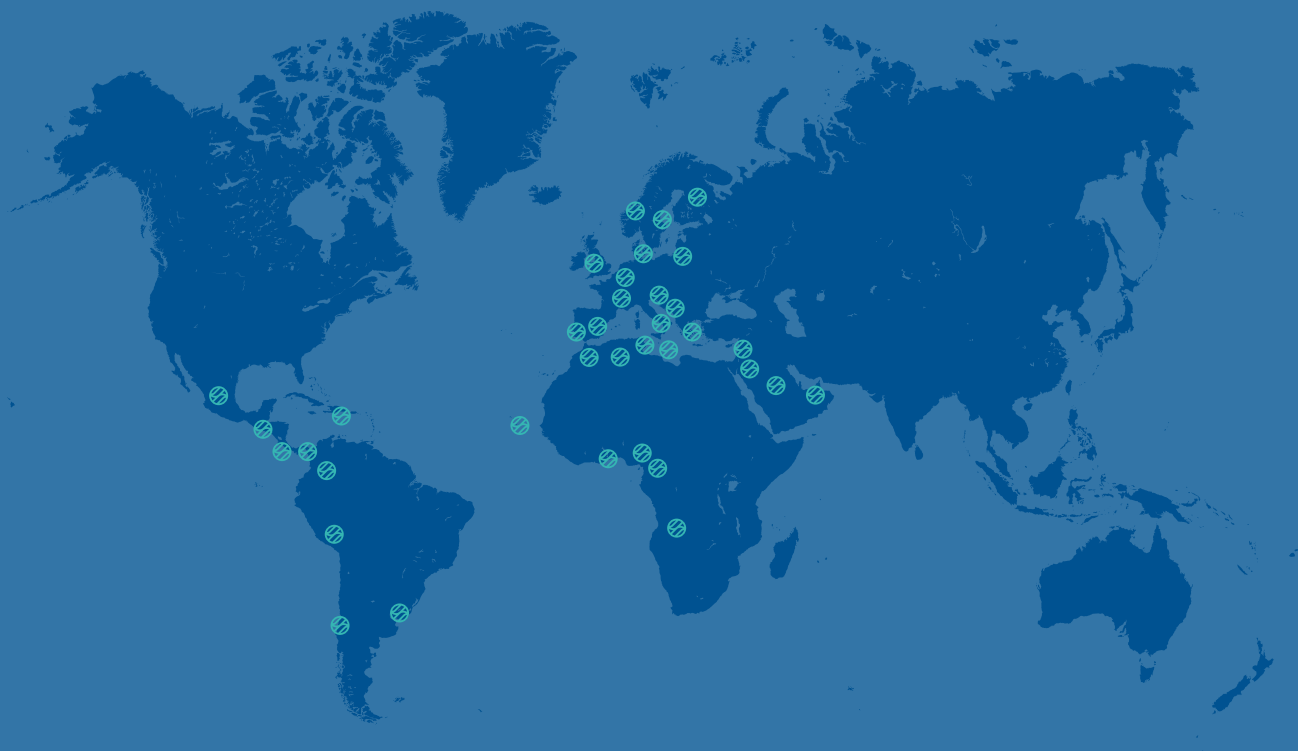
Thanks to the 2000+ customers who have trusted us and relied upon our brand, Comenza railing systems are now being distributed and installed in over 25 countries around the world.

International

[fra]

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

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



Ventas / Sales / Ventes

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

Glosario

Glosary

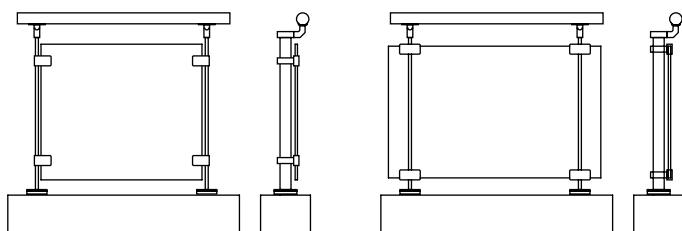
Glossaire

Ref.	Descripción	Description	Description
	Pegamento	Glue	Colle
	Atornillar	Screw	Visser
	Accesorio para soldar	Welding fittings	Accessoire pour souder
	Atornillar con llave allen	Screw with an allen key	Visser avec clé allen
	Llave allen corta	Short Allen Key	Clé Allen à tête courte
	Instalacion por golpe	Installation by hammer striking	Installation par coup
	Llave gancho	Hook spanner	Clé à ergot
	Llave pitones	Pin wrench	Clé à pitons
	Llave hexagonal	Hex socket bit	Clé à douille
	Bandeador	Tap wrench	Tourne-à-gauche
	Centrador	Centering Tool	Outil pour centré
	Acabado Satinado	Satin finish	Finition brossé
	Acabado brillo	Polished finish	Finition Poli
E	Espesor del tubo	Thickness of tube	Épaisseur du tube
G	Espesor del cristal	Thickness of glass	Épaisseur du verre
L/R	Izquierda/derecha	Left / right	Gauche / droite
M	Métrica del tornillo	Dimension of the screw	Métrique de la vis
	Piezas por caja	Number of pieces in each box	Nombre de pièces par caisse
LG	Largo	Long	Long
Ø A	Diámetro del tubo 1	Diameter of the tube 1	Diamètre du tube 1
Ø B	Diámetro del tubo 2	Diameter of the tube 2	Diamètre du tube 2
Ø	Diámetro	Diameter	Diamètre
Ref	Referencia	Reference	Référence
RE	Regulable	Adjustable	Ajustable
D	Espaciado del cristal	Spacing of the glass	Espacé du verre
Ø C	Diámetro cable	Wire diameter	Diamètre du câble
	Símbolo cuadrado	Square symbol	Symbole du carré

Minimal



 **comenza**
Railing Passion



Sistema / System / Système

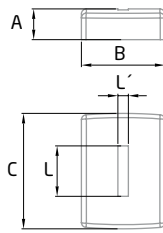
Minimal: Glass



RP-1470 AISI-316

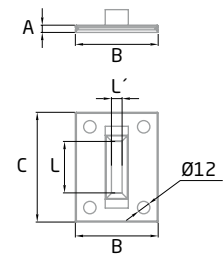
BA SATIN

LG	L	L'
6000	50	10

**AV-670** AISI-316

BA SATIN

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

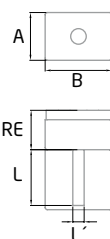
**BS-20** AISI-316

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

**Posibilidades 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. 105)	FAZ II M10 (Brico Pag. 105)
FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T M10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)

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



SL-1140 AISI-316

BA SATIN

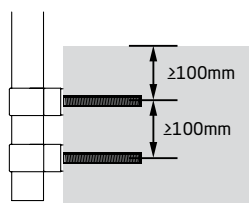
	L	L'	A	B	RE
2	50	10	42	60	28 - 33

Regulable.
Adjustable.
Ajustable.



Posibilidades de anclaje SL-1140 / Anchoring possibilities for the SL-1140 / Possibilités d'ancrage SL-1140

1



C25/30 Uncracked

FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125
(Brico Pag. 103 / 104)

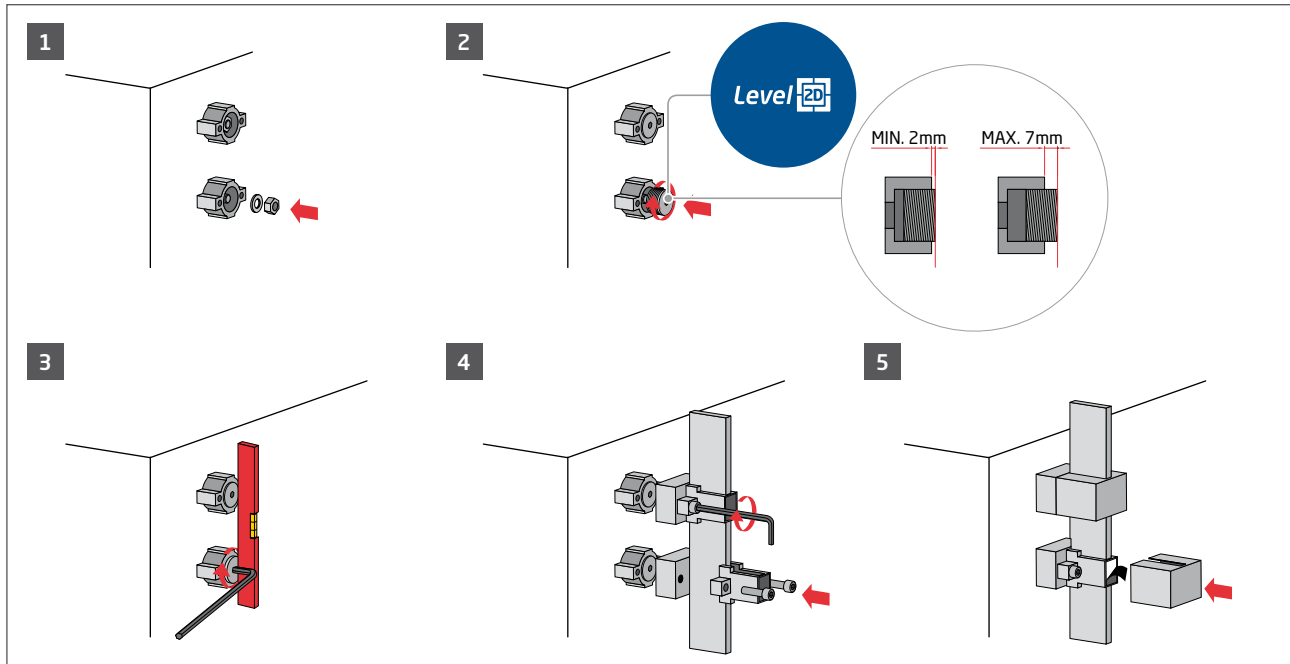
C25/30 Cracked / Uncracked

FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125
(Brico Pag. 103 / 104)

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

Instalación / Installation / Installation

SL-1140





SP-00 AISI-316

BA SATIN

	L	L'	A	B	C	D
2	50	10	25	18	60	7



CC-710 AISI-316

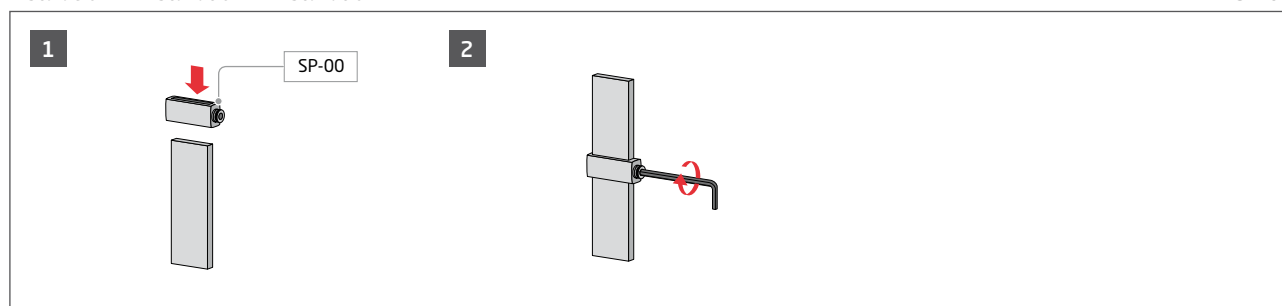
BA SATIN

	A	B	C	D	G
2	36	92	29	5	8-10,76
2	36	92	29	5	11,52-13,52



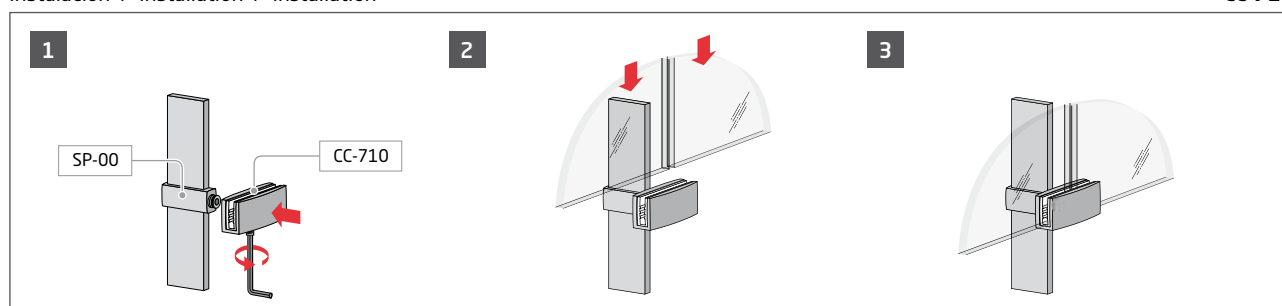
Instalación / Installation / Installation

SP-00



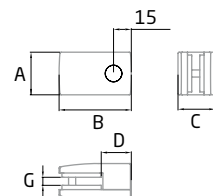
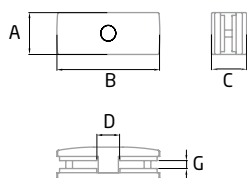
Instalación / Installation / Installation

CC-710





 **comenza**
Railing Passion



CC-711 AISI-316

	A	B	C	D	G	BA	SATIN
2	36	92	31	20	8-10,76		
2	36	92	31	20	11,52-13,52		



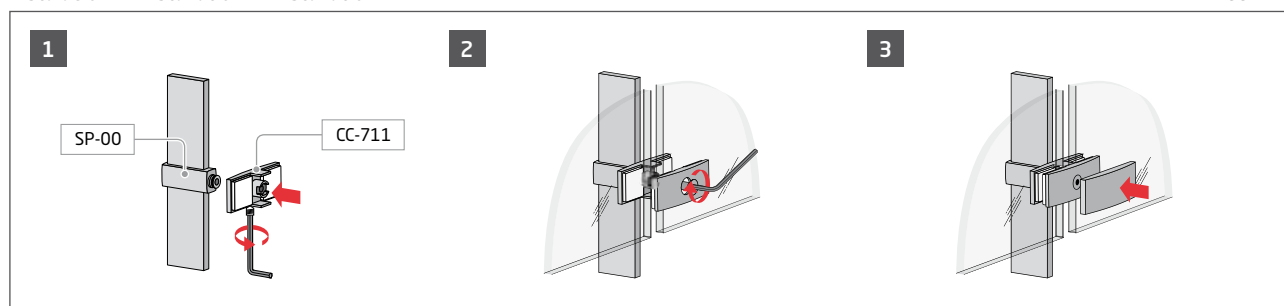
CC-712 AISI-316

	A	B	C	D	G	BA	SATIN
4	36	61	31	25	8-10,76		
4	36	61	31	25	11,52-13,52		



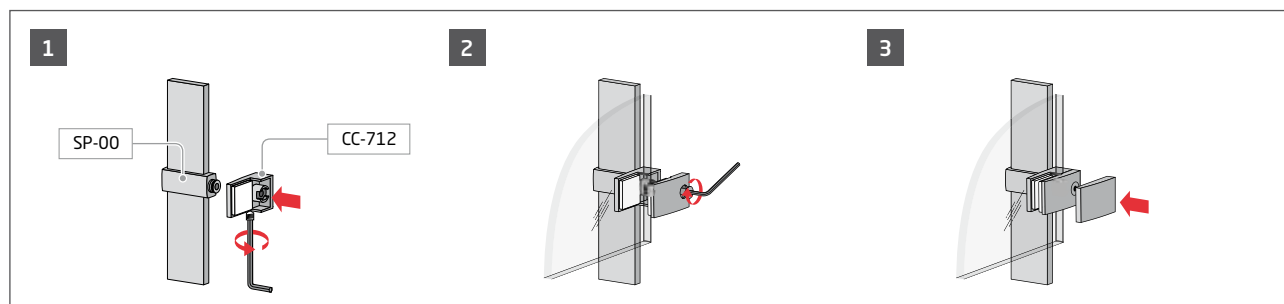
Instalación / Installation / Installation

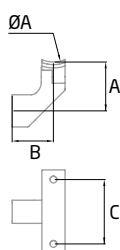
CC-711



Instalación / Installation / Installation

CC-712

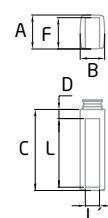




SA-470 AISI-316

BA SATIN

	ØA	A	B	C
2	43	38	32	50



SP-01 AISI-316

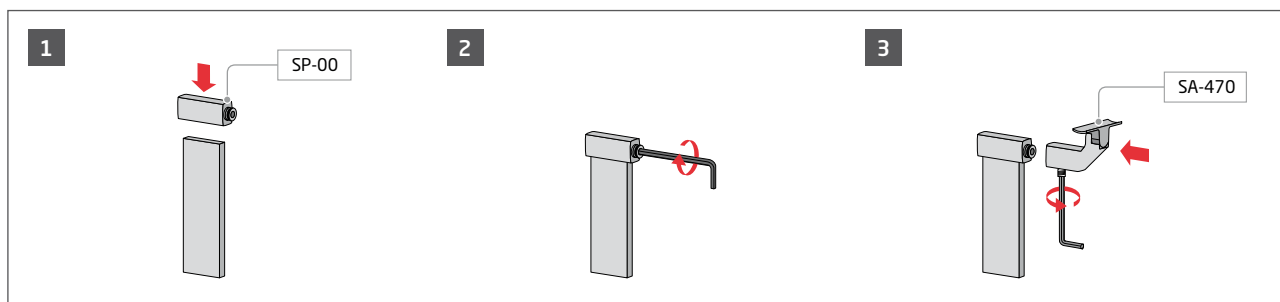
BA SATIN

	L	L'	A	B	C	D	F
2	50	10	25	18	60	7	23

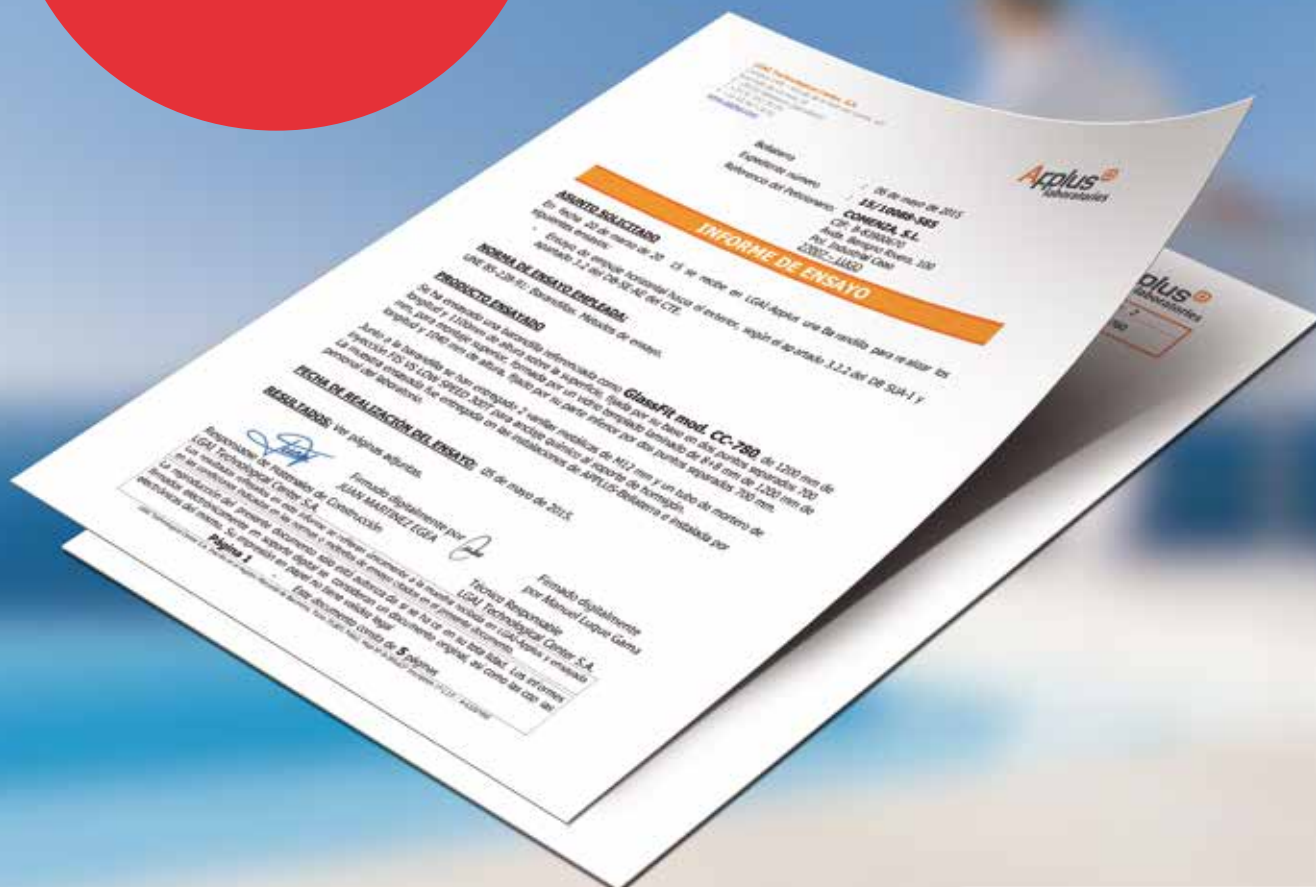


Instalación / Installation / Installation

SA-470



**Passion
for safety**



comenza

Railing Passion

[esp]

Visita nuestra web en www.comenza.com para descargar los ensayos de cargas certificados por Applus y CSTB y demuestra a tus clientes por que la pasión por la seguridad de Comenza es más que un compromiso. Y recuerda que estos certificados son imprescindibles para garantizar el cumplimiento de la normativa de barandillas.

[eng]

By visiting our website at www.comenza.com you can download the results of the load testing certified by CSTB and Applus, to demonstrate to your clients that Comenza's passion for safety is more than just a promise. Remember, these certificates are essential in order to guarantee compliance with the standards in force.

[fra]

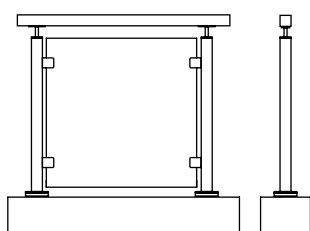
Visitez notre site web www.comenza.com pour télécharger les résultats des essais de charges certifiés par Applus et CSTB et démontrez à vos clients pourquoi la passion pour la sécurité de Comenza va beaucoup plus loin qu'un simple engagement. N'oubliez pas que ces certificats sont requis pour garantir la conformité avec la réglementation relative aux garde-corps.



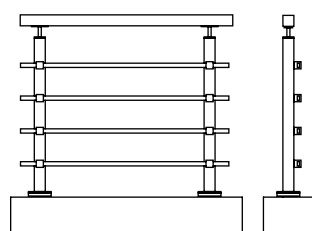
Descargar / Download / Télécharger
www.comenza.com

www.comenza.com

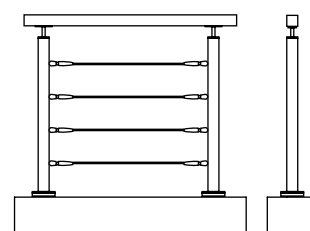
Square it



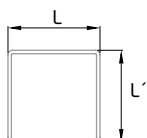
Sistema / System / Système
Square it: Glass



Sistema / System / Système
Square it: Tube



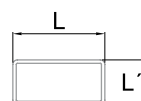
Sistema / System / Système
Square it: EasyCable



RP-1420 AISI-316



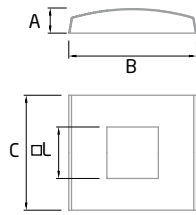
LG	L	L'	E*
6000	40	40	1,5
6000	20	20	1,5



RP-1420 AISI-316

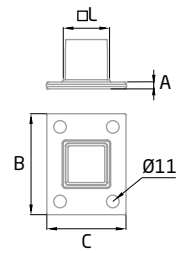


LG	L	L'	E*
6000	40	20	1,5
6000	20	10	1,5

**AV-660** AISI-316

BA SATIN

	□ L	A	B	C
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

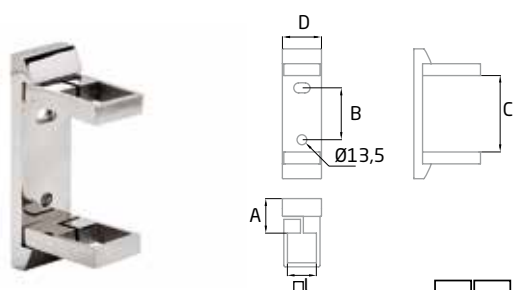
**Posibilidades de anclaje BS-10 / Anchoring possibilities for the BS-10 / Possibilités d'ancrage BS-10**

C25/30 Uncracked	C25/30 Cracked / Uncracked
FAZ II M-10 L-105 (Brico Pag. 105)	FAZ II M-10 L-105 (Brico Pag. 105)
FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)

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

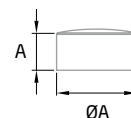
* Cracked / Uncracked
Hormigón Traccionado / Hormigón Comprimido
Béton comprimé / Béton en traction

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

**SL-1111** AISI-316

BA SATIN

	□ L	A	B	C	D
1	40x40	46,5	70	103	54

**TF-590** AISI-316

BA SATIN

	ØA	A	M
4	18	11	M8
4	21,5	12	M10

Tapa para anclaje metálico.
End cap for metal anchor.
Bouchon pour cheville métallique.



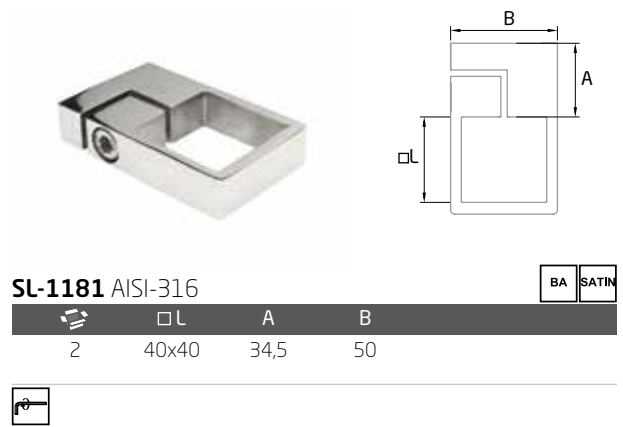
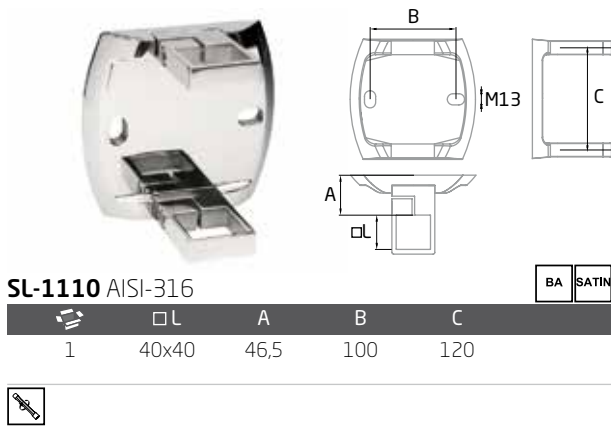
Posibilidades de anclaje SL-1111 / Anchoring possibilities for the SL-1111 / Possibilités d'ancrage SL-1111

C25/30 Uncracked	C25/30 Cracked / Uncracked
FBN II M-12 L-116 (Brico Pag. 105)	FAZ II M-12 L-120 (Brico Pag. 105)
FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)
FIS VS 300 T + RG MI M-10 L-90 + DIN 933 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T + RG MI M-10 L-90 + DIN 933 + DIN 125 (Brico Pag. 103 / 104)

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

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

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



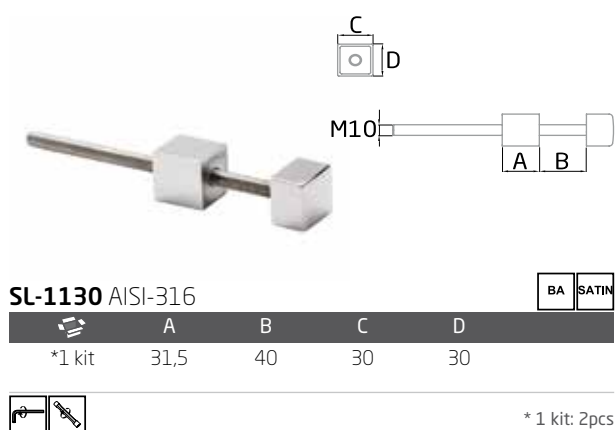
Posibilidades de anclaje SL-1110 / Anchoring possibilities for the SL-1110 / Possibilités d'ancrage SL-1110

C25/30 Uncracked	C25/30 Cracked / Uncracked
FBN II M-12 L-116 (Brico Pag. 105)	FAZ II M-12 L-120 (Brico Pag. 105)
FIS VS 300 T M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)
FIS VS 300 T + RG MI M-12 L-125 + DIN 933 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T + RG MI M-12 L-125 + DIN 933 + DIN 125 (Brico Pag. 103 / 104)

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

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

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



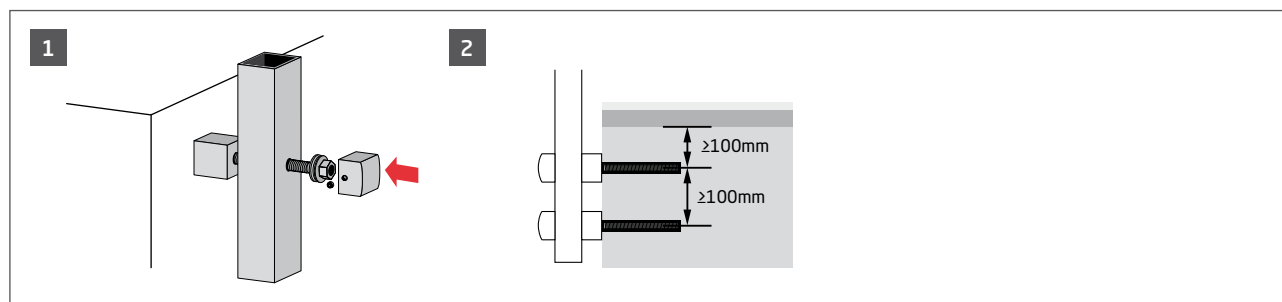
Posibilidades de anclaje SL-1130 / Anchoring possibilities for the SL-1130 / Possibilités d'ancrage SL-1130

C25/30 Uncracked	C25/30 Cracked / Uncracked
FIS VS 300 T M-10 (Brico Pag. 104)	FIS VS 300 T M-10 (Brico Pag. 104)

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

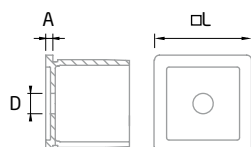
Instalación / Installation / Installation

SL-1130





 **comenza**
Railing Passion



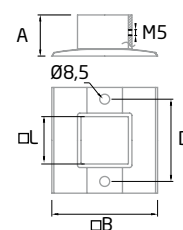
ST-333 AISI-316

BA SATIN

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

DIN 7981 Ø 6,3 L60 (Brico Pag. 101)

BR-2087 (Brico Pag. 106)



AV-610 AISI-316

BA SATIN

	L	A	B	D
2	40x40	35	90	70

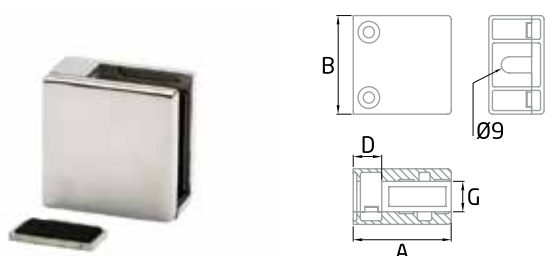
DIN 7981 Ø 6,3 L60 (Brico Pag. 101)

BR-2087 (Brico Pag. 106)





comenza
Railing Passion



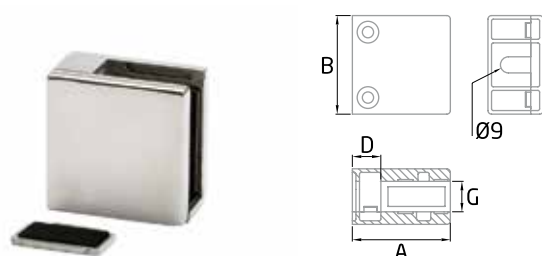
CC-724 AISI-316

BA SATIN

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

DIN-912 M-8 L-20 (Brico Pag. 100)

BR-2011 M-8 (Brico Pag. 101)



CC-726 AISI-316

BA SATIN

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

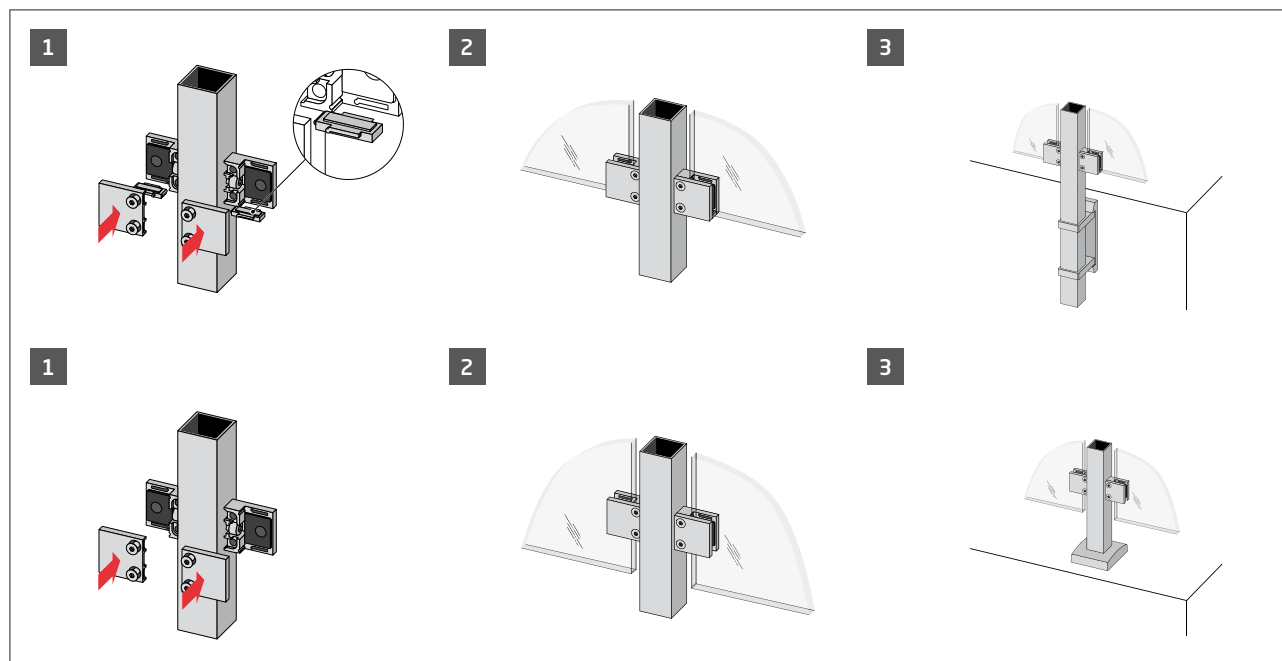
DIN-912 M-8 L-20 (Brico Pag. 100)

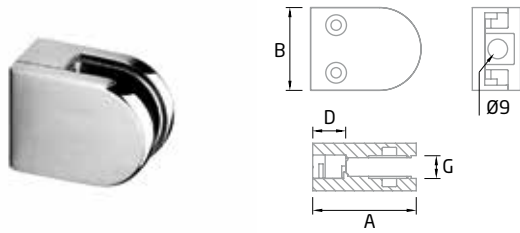
BR-2011 M-8 (Brico Pag. 101)



Instalación / Installation / Installation

CC-724 / CC-726



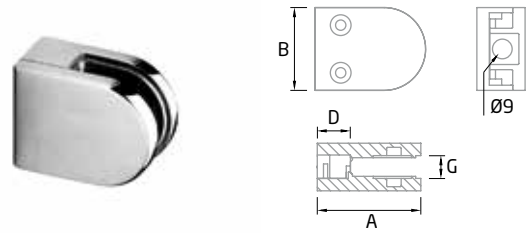

CC-700 AISI-316

BA SATIN

	A	B	D	G
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. 100)

BR-2011 M-8 (Brico Pag. 101)

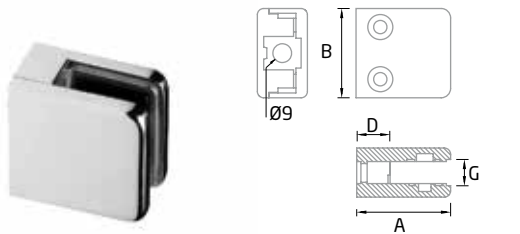

CC-702 AISI-316

BA SATIN

	A	B	D	G
4	60	55	15,5	(12-16,76)

DIN-912 M-8 L-20 (Brico Pag. 100)

BR-2011 M-8 (Brico Pag. 101)


CC-720 AISI-316

BA SATIN

	A	B	D	G
4	44	44	16	(8-10)

DIN-912 M-8 L-20 (Brico Pag. 100)

BR-2011 M-8 (Brico Pag. 101)


CC-768 AISI-316

BA SATIN

	A	B	G
4	10	30	(6-17,52)

BR-2011 M-8 (Brico Pag. 101)


CC-759 AISI-316

BA SATIN

	A	B	G
2	120	38	(6-17,52)

DIN-7984 M-8 L-30 (Brico Pag. 100)

BR-2011 M-8 (Brico Pag. 101)


CC-761 AISI-316

BA SATIN

	A	B	G
2	60	38	(6-17,52)

DIN-7984 M-8 L-30 (Brico Pag. 100)

BR-2011 M-8 (Brico Pag. 101)



Installation videos



[esp]

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

[eng]

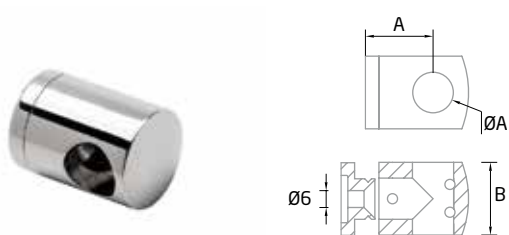
Visit our website at www.comenza.com and we will show you why our railing systems are not only the safest in the world, but also the easiest to install.

[fra]

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



www.comenza.com



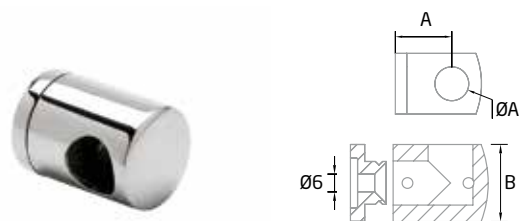
ST-321 AISI-316

BA SATIN

	ØA	A	B
4	12	20	21
4	20	25	30

DIN-7991 M-6 L-25 (Brico Pag. 100)

BR-2011 M-6 (Brico Pag. 101)



ST-323 AISI-316

BA SATIN

	ØA	A	B	L/R
4	12	20	21	L/R
4	20	25	30	L/R

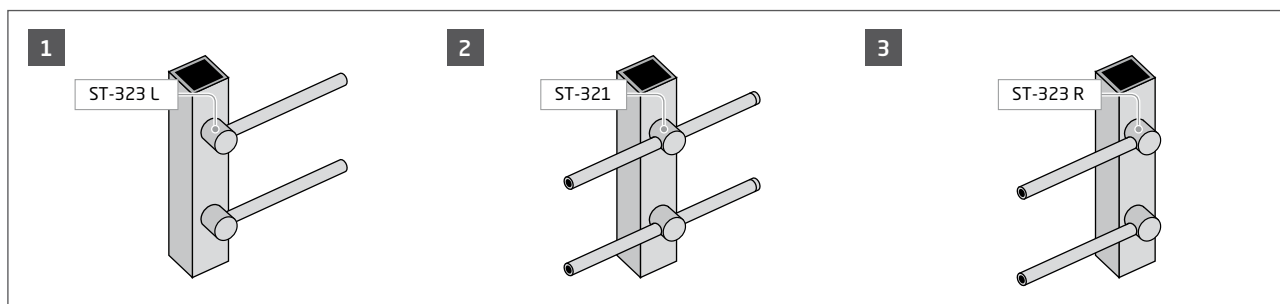
DIN-7991 M-6 L-25 (Brico Pag. 100)

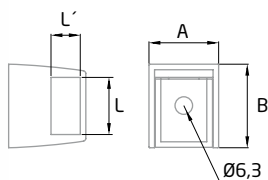
BR-2011 M-6 (Brico Pag. 101)



Instalación / Installation / Installation

ST-321 / ST-323





ST-328 AISI-316

BA SATIN

	L	L'	A	B
4	20	10	25	28

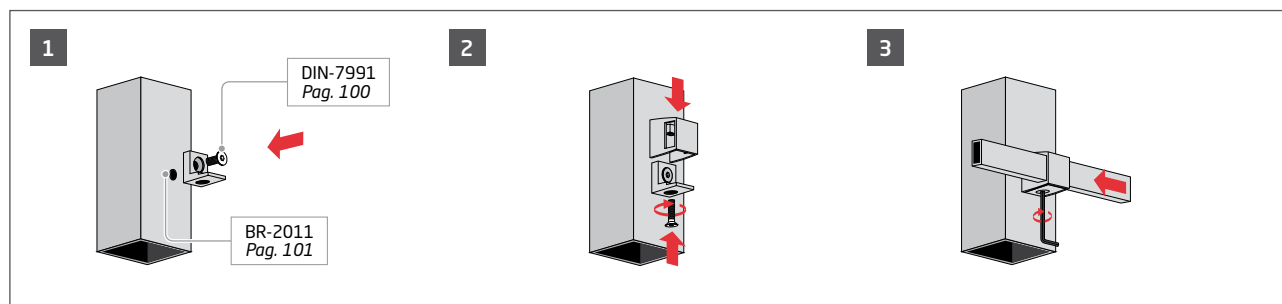
DIN-7991 M-6 L-25 (Brico Pag. 100)

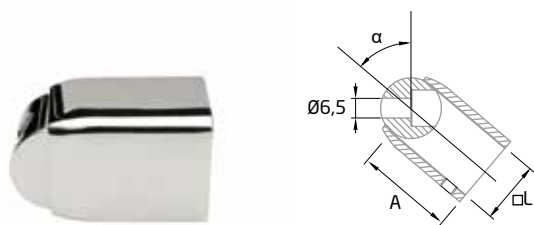
BR-2011 M-6 (Brico Pag. 101)



Instalación / Installation / Installation

ST-328





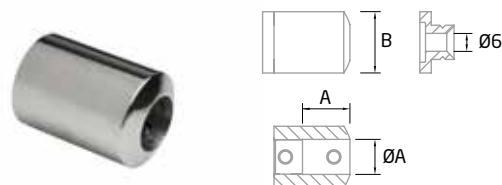
SA-407 AISI-316

BA SATIN

		A	α
4	20x20	32	50°

DIN-912 M-6 L-20 (Brico Pag. 100)

BR-2011 M-6 (Brico Pag. 101)



ST-326 AISI-316

BA SATIN

	ØA	A	B
4	12	16	21

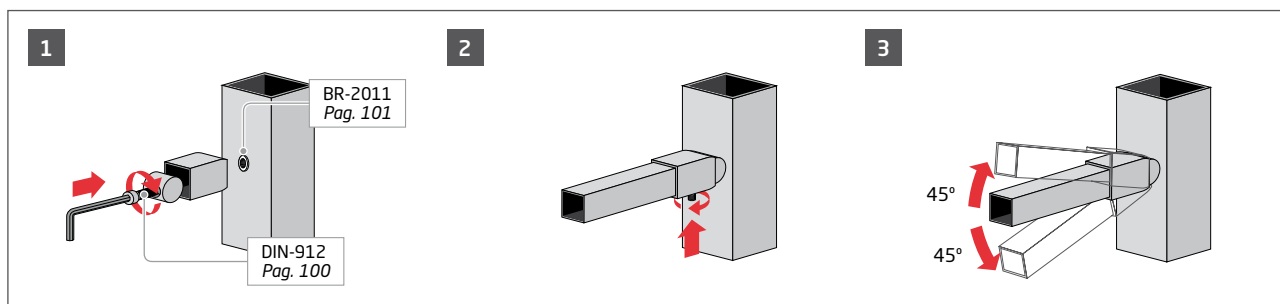
DIN-7991 M-6 L-25 (Brico Pag. 100)

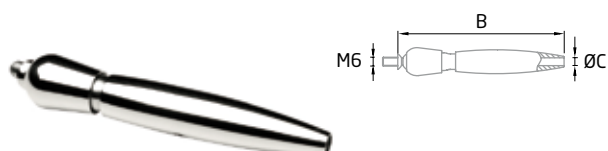
BR-2011 M-6 (Brico Pag. 101)



Instalación / Installation / Installation

SA-407





SC-800 AISI-316



	ØC	B
2	4-5 mm	112

BR-2011 M-6 (Brico Pag. 101)

Tensor.
Tensioner.
Tendeur.



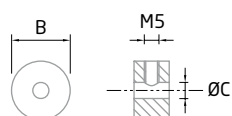
SC-801 AISI-316



	ØC	B
2	4-5 mm	71

BR-2011 M-6 (Brico Pag. 101)

Terminal.
Terminal.
Terminaison.



SC-850 AISI-316



	ØC	B
4	4-5 mm	20

Stopper.



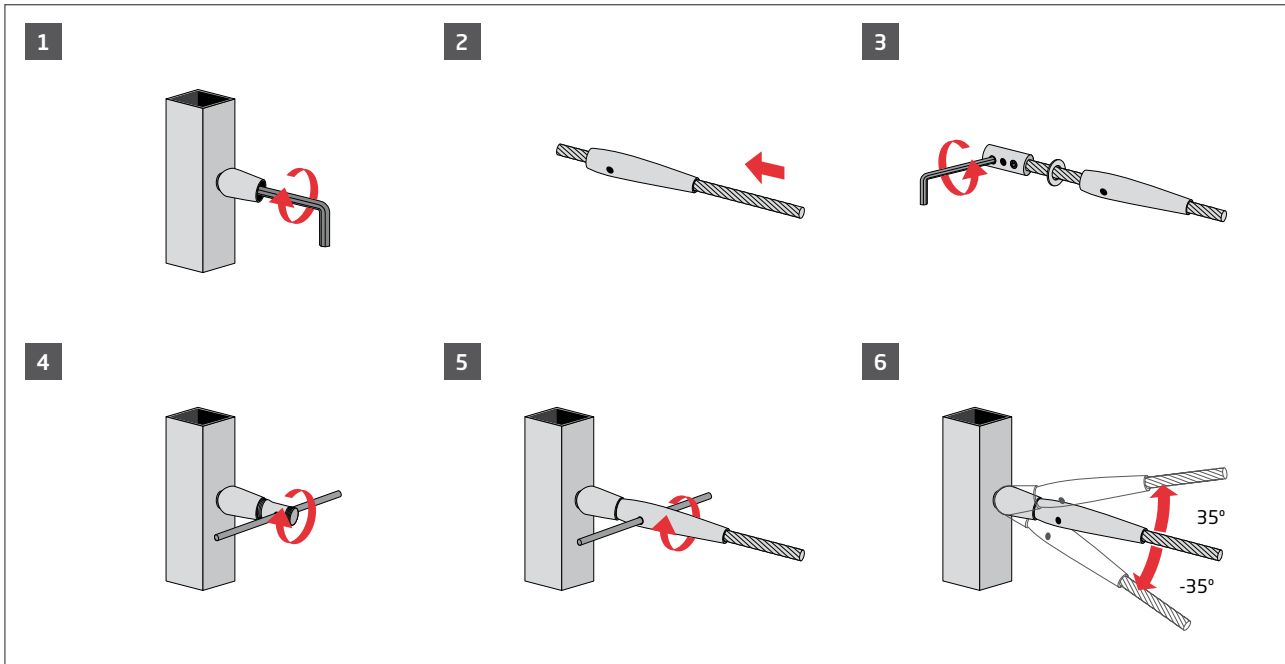
7 + 7 + 0 semi-flexible

RP-1460

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

Instalación / Installation / Installation

SC-800 / SC-801

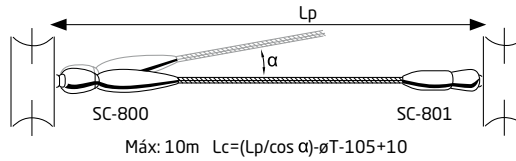

Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com

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

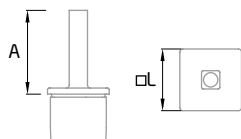
(Los datos reflejados están basados en ensayos realizados con cálculo elementos finitos y verificados en nuestras instalaciones con ensayos físicos. Es responsabilidad del usuario establecer la idoneidad de la información facilitada con el uso particular que vaya a realizar del producto)

(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 définir le bien fondé de l'information fournie et de la recouper en fonction de l'usage qu'il fera lui-même du produit)



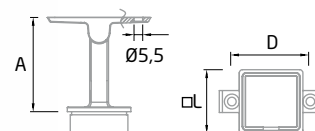
comenza
Railing Passion



ST-331 AISI-316

BA SATIN

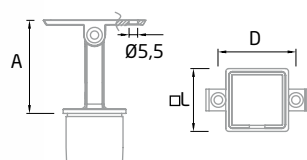
		A	ε*
2	40x40	55	1,5



ST-332 AISI-316

BA SATIN

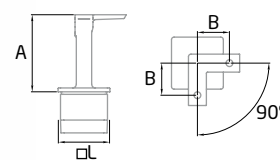
		A	D	ε*
2	40x40	60	50	1,5



SA-434 AISI-316

BA SATIN

		A	D	ε*
2	40x40	60	50	1,5

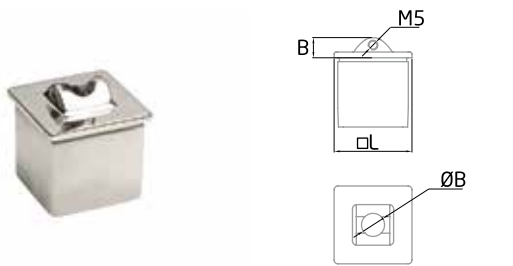


ST-339 AISI-316

BA SATIN

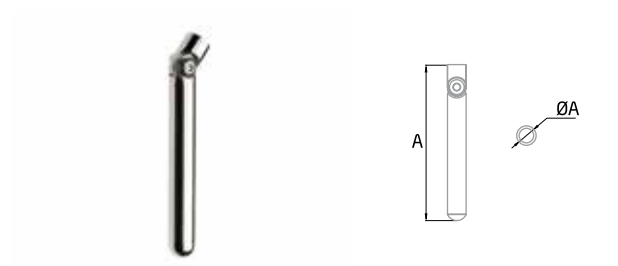
		A	B	ε*
2	40x40	60	25	1,5



**SA-440** AISI-316

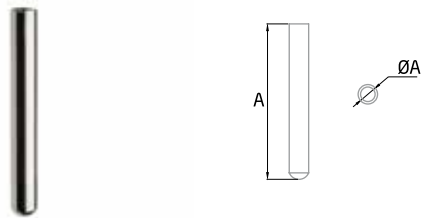
BA SATIN

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

**BG-00** AISI-316

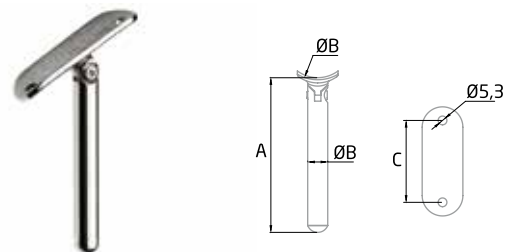
BA SATIN

	ØA	A
2	12	100,5

**BF-00** AISI-316

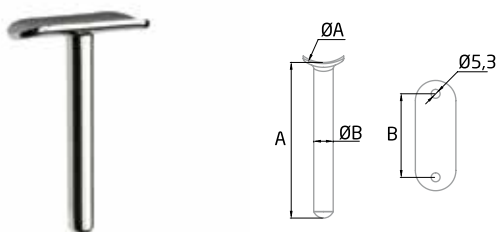
BA SATIN

	ØA	A
2	12	96

**BG-R** AISI-316

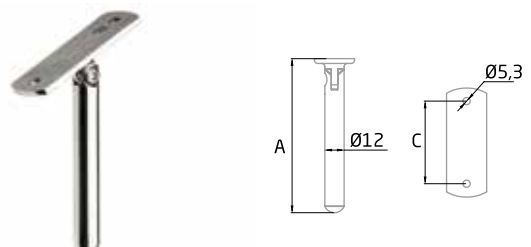
BA SATIN

	ØA	ØB	A	C
2	43	12	97	51,5
2	50,8	12	97	61,5

**BF-R** AISI-316

BA SATIN

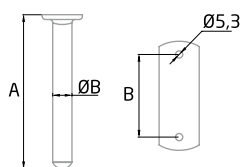
	ØA	ØB	A	B
2	43	12	96	51,5
2	50,8	12	96	61,5

**BG-FLAT** AISI-316

BA SATIN

	ØB	A	C
2	12	96	51,5

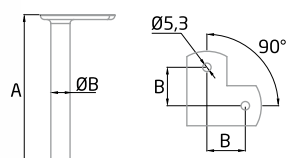




BF-FLAT AISI-316

BA SATIN

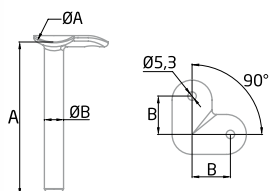
	ØB	A	B
2	12	96	51,5



BF-C FLAT 90 AISI-316

BA SATIN

	ØB	A	B
2	12	96	24



BF-C R 90 AISI-316

BA SATIN

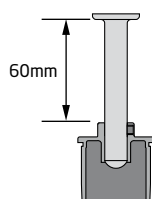
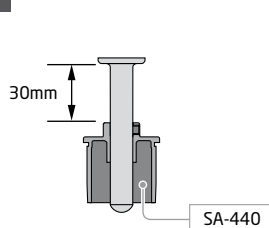
	ØA	ØB	A	B
2	43	12	96	24
2	50,8	12	96	24



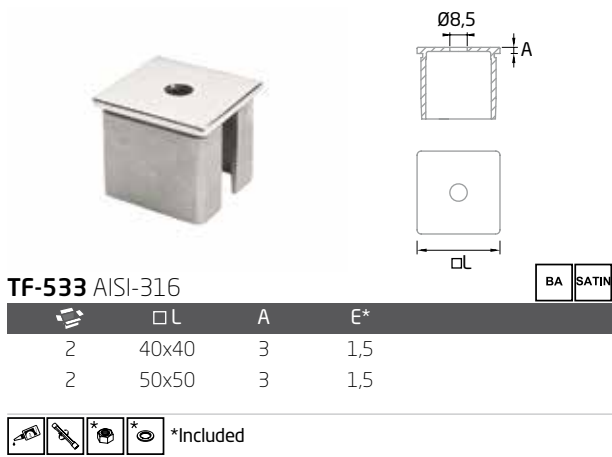
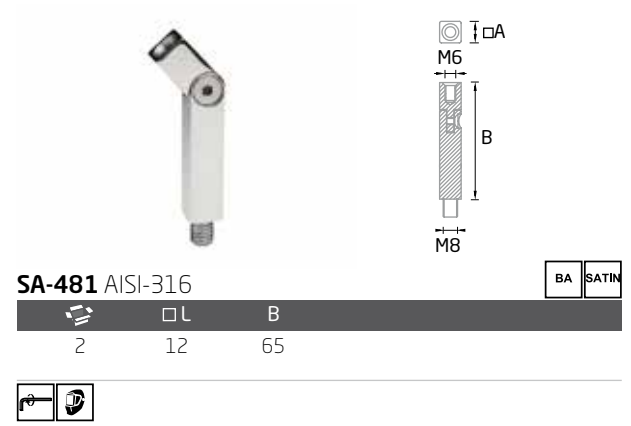
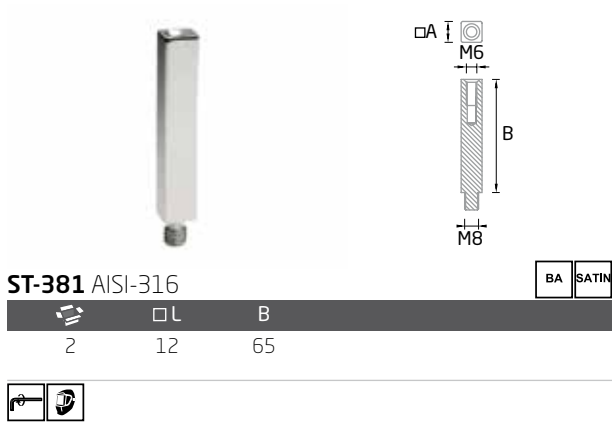
Instalación / Installation / Installation

SA-440

1

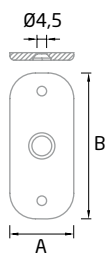


SA-440



Instalación / Installation / Installation

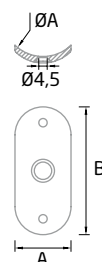




ST-390 AISI-316

BA SATIN

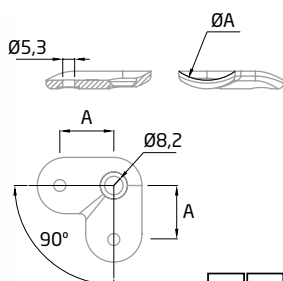
	A	B
4	30	68,5



ST-391 AISI-316

BA SATIN

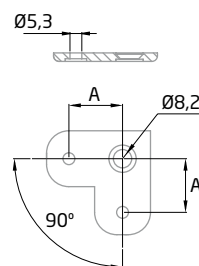
	ØA	A	B
4	43	30	68,5
4	50,8	30	78,5



ST-392 AISI-316

BA SATIN

	ØA	A
4	43	24
4	50,8	24



ST-393 AISI-316

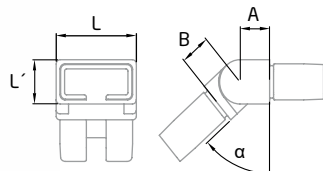
BA SATIN

	A
4	24





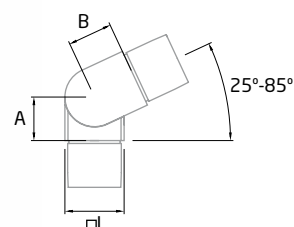
comenza
Railing Passion



SA-432 AISI-316

BA SATIN

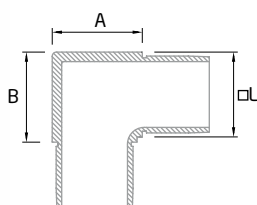
	L	L'	A	B	α	E*
2	40	20	15	15	0-90°	1,5



SA-433 AISI-316

BA SATIN

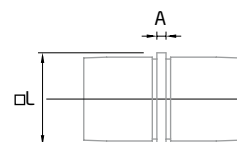
	□ L	A	B	E*
2	40x40	30	30	1,5



CT-220 AISI-316

BA SATIN

	□ L	A	B	E*
2	40x40	43	43	1,5

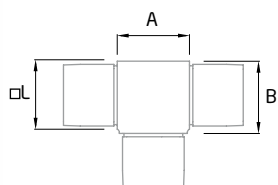


CT-221 AISI-316

BA SATIN

	□ L	A	E*
2	40x40	4	1,5

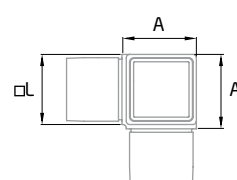




CT-222 AISI-316

BA SATIN

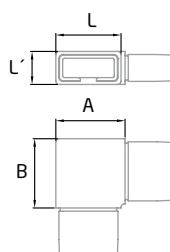
	L	A	B	E*
2	40x40	43	43	1,5



CT-225 AISI-316

BA SATIN

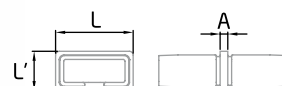
	L	A	E*
2	40x40	43	1,5



CT-230 AISI-316

BA SATIN

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

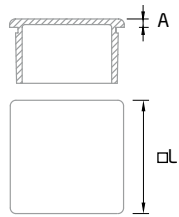


CT-232 AISI-316

BA SATIN

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

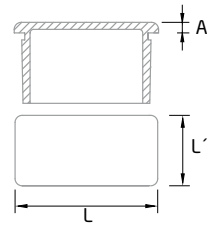




TF-530 AISI-316

BA SATIN

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

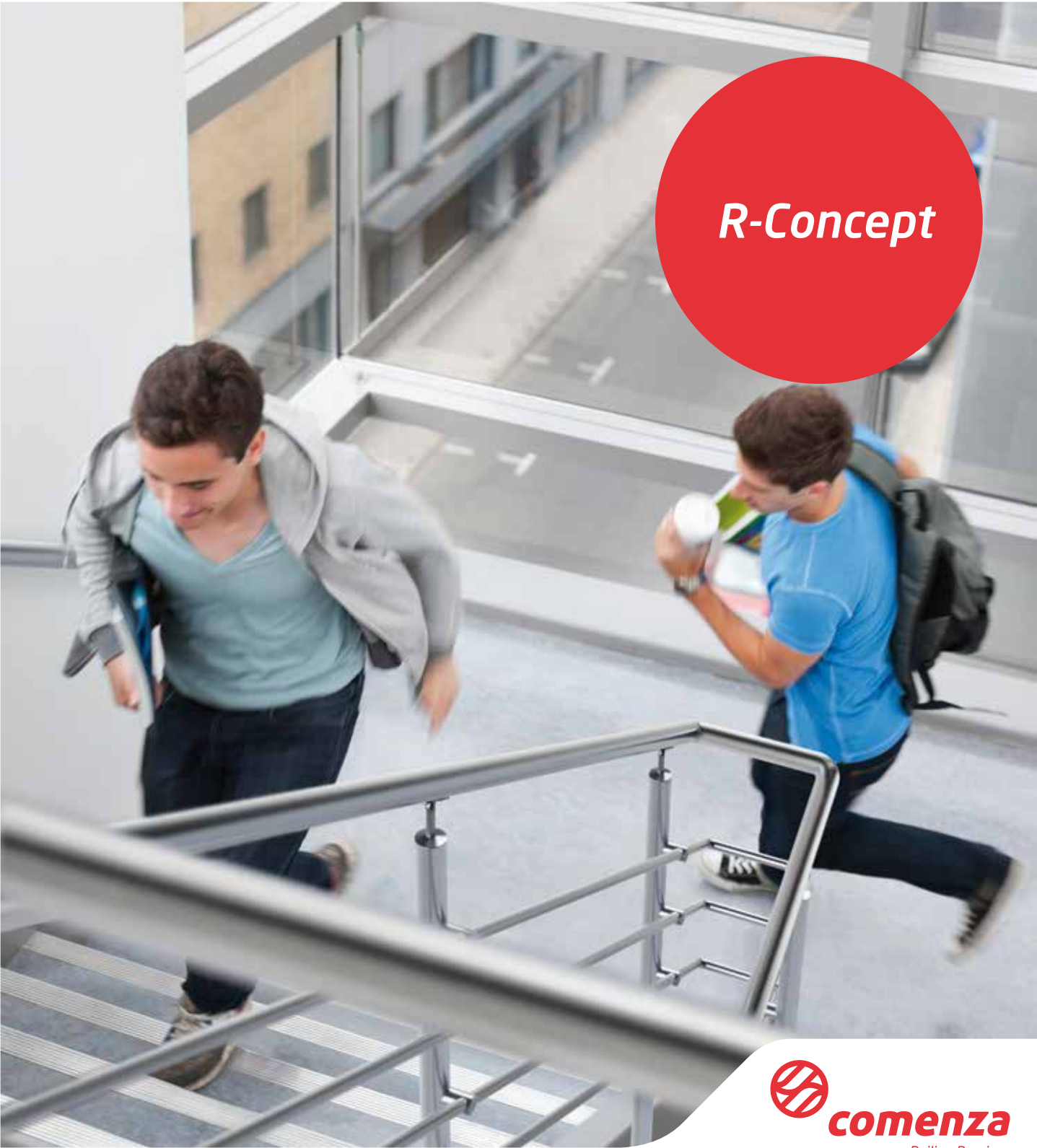


TF-535 AISI-316

BA SATIN

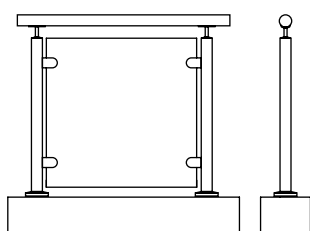
	L	L'	A	E*
4	20	10	3	1,5
2	40	20	3	1,5



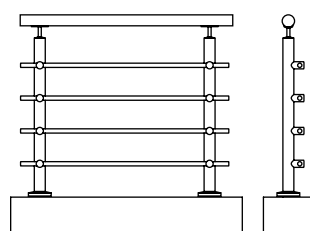


R-Concept

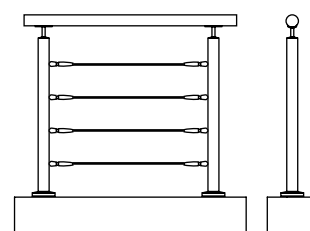
 **comenza**
Railing Passion



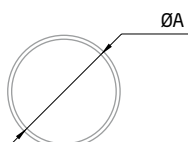
Sistema / System / Système
R-Concept: Glass



Sistema / System / Système
R-Concept: Tube



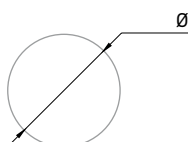
Sistema / System / Système
R-Concept: EasyCable



RP-1430 AISI-316

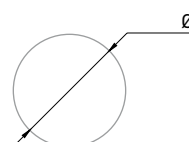
BA SATIN

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



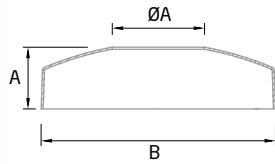
RP-1450

A	Ø	Qty.
3000	45	Haya / Beech / Hêtre

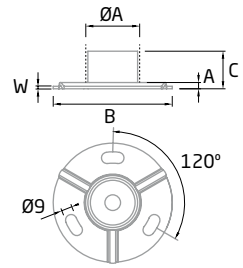


RP-1450

A	Ø	Qty.
3000	45	Sapeli

**AV-650** AISI-316

	ØA	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

	ØA	A	B	C	E*	W
2	38,1	5	95	35	1,5	4
2	43	5	95	35	1,5	4
2	50,8	5	95	35	1,5	4

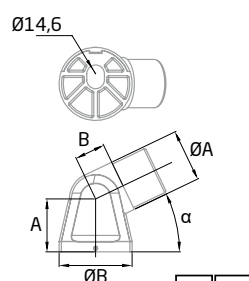
**Posibilidades de anclaje BS-00 / Anchoring possibilities for the BS-00 / Possibilités d'ancrage BS-00**

	C25/30 Uncracked	C25/30 Cracked / Uncracked
	FIS VS 300 T M-8 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T M-8 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)
	FIS VS 300 T M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)

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

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

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



SA-451 AISI-316

	ØA	ØB	A	B	α	BA	SATIN
2	43	60	44,5	25	26-90		
2	50,8	72	53	30	26-90		



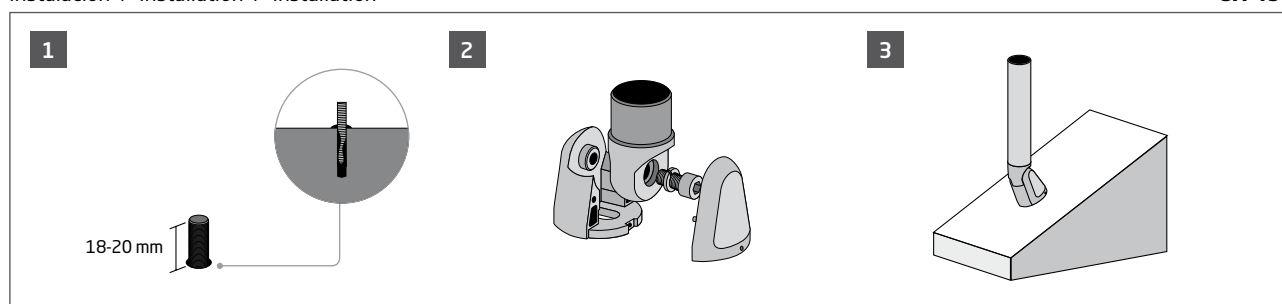
Posibilidades de anclaje SA-451 / Anchoring possibilities for the SA-451 / Possibilités d'ancrage SA-451

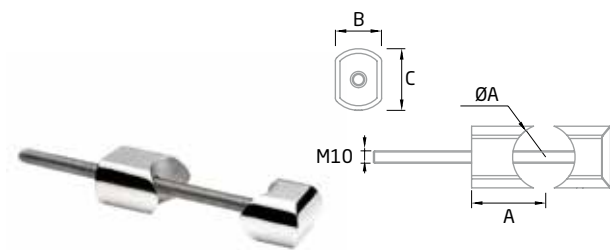
C25/30 Uncracked	C25/30 Cracked / Uncracked
FIS VS 300 T M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)

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

Instalación / Installation / Installation

SA-451



**SL-1120** AISI-316

BA SATIN

	$\varnothing A$	A	B	C
* 1 kit	43	53	30	40
* 1 kit	50,8	57	30	40

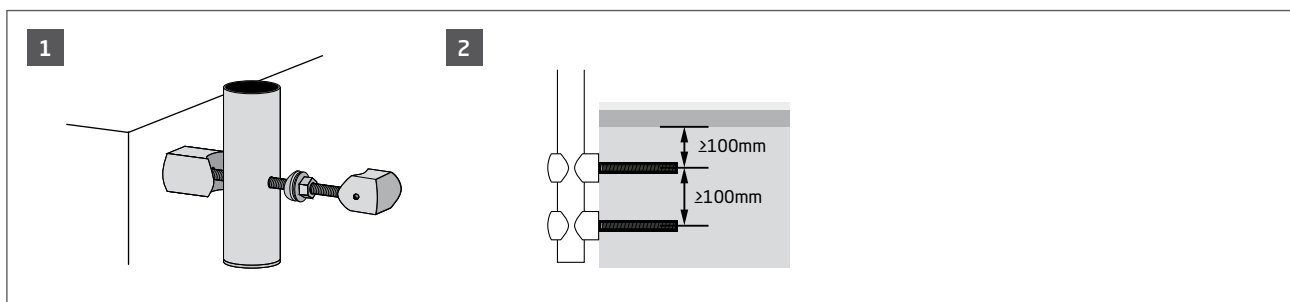


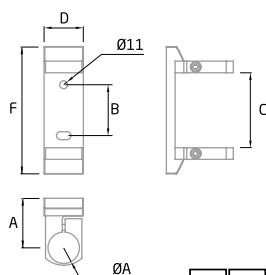
* 1 kit: 2pcs

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

C25/30 Uncracked	C25/30 Cracked / Uncracked
FIS VS 300 T M-10 (Brico Pag. 103)	FIS VS 300 T 390 S M-10 (Brico Pag. 103)

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

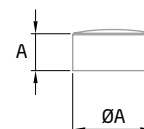
Instalación / Installation / Installation**SL-1120**



SL-1101 AISI-316

BA SATIN

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



TF-590 AISI-316

BA SATIN

	ØA	A	M
4	18	11	M8
4	21,5	12	M10

Tapa para anclaje metálico.
End cap for metal anchor.
Bouchon pour cheville métallique.



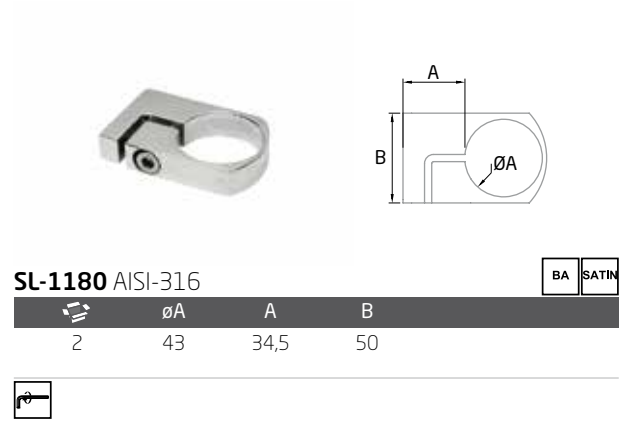
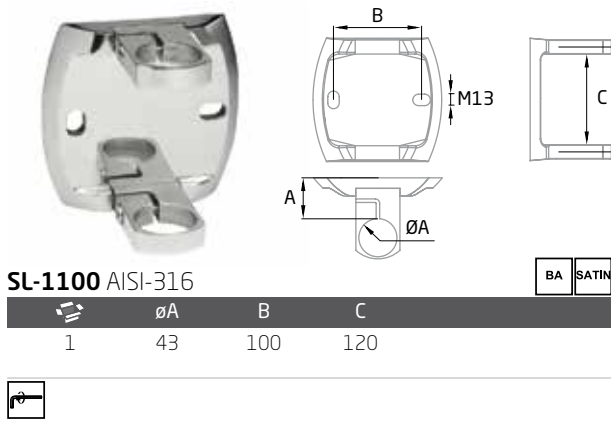
Posibilidades de anclaje SL-1101 / Anchoring possibilities for the SL-1101 / Possibilités d'ancrage SL-1101

C25/30 Uncracked	C25/30 Cracked / Uncracked
FBN II M-10 L-96 (Brico Pag. 105)	FAZ II M-10 L-105 (Brico Pag. 105)
FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T M-10 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)
FIS VS 300 T + RG MI M-10 L-90 + DIN 933 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T + RG MI M-10 L-90 + DIN 933 + DIN 125 (Brico Pag. 103 / 104)

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

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

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



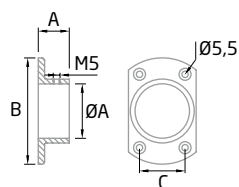
Posibilidades de anclaje SL-1100 / Anchoring possibilities for the SL-1100 / Possibilités d'ancrage SL-1100

C25/30 Uncracked	C25/30 Cracked / Uncracked
FBN II M-12 L-116 (Brico Pag. 105)	FAZ II M-12 L-120 (Brico Pag. 105)
FIS VS 300 T M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T M-12 + DIN 975 + DIN 934 + DIN 125 (Brico Pag. 103 / 104)
FIS VS 300 T + RG MI M-12 L-125 + DIN 933 + DIN 125 (Brico Pag. 103 / 104)	FIS VS 300 T + RG MI M-12 L-125 + DIN 933 + DIN 125 (Brico Pag. 103 / 104)

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

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

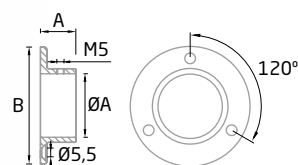
* Calidad recomendada de hormigón comprimido y traccionado C25/30.
Recommended quality for uncracked/cracked concrete C25/30.
Qualité recommandé du béton comprimé et en traction C25/30.

**AV-600** AISI-316

BA SATIN

	ØA	A	B	C
2	43	35	85	34
2	50,8	36	96	39

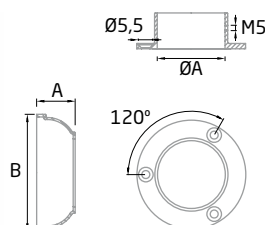
BR-2087 (Brico Pag. 106)

**AV-601** AISI-316

BA SATIN

	ØA	A	B
2	43	25	80
2	50,8	31	102

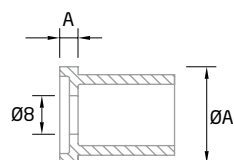
BR-2087 (Brico Pag. 106)

**AV-602** AISI-316

BA SATIN

	ØA	A	B
2	38,1	25	73
2	43	26	82
2	50,8	29	85

BR-2087 (Brico Pag. 106)

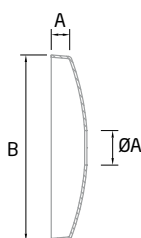
**ST-308** AISI-316

BA SATIN

	ØA	A	E*
4	20	4	1,5
2	43	4	1,5

DIN 7981 Ø 6,3 L60 (Brico Pag. 107)

BR-2087 (Brico Pag. 106)

**AV-651** AISI-316

BA SATIN

	ØA	A	B
4	12	6	66

*Passion
for design*



[esp]

Diseño exclusivo, seguridad y facilidad de instalación.

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

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

[eng]

Exclusive designs that are safe and easy to install.

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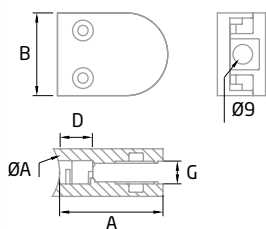
[fra]

Designs exclusifs, sécurité et facilité d'installation.

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

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www.comenza.com



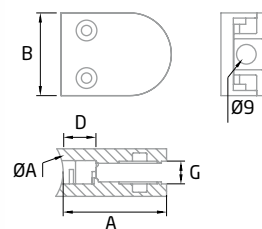
CC-701 AISI-316

BA SATIN

	ØA	A	B	D	G
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. 100)

BR-2011 M-8 (Brico Pag. 101)



CC-703 AISI-316

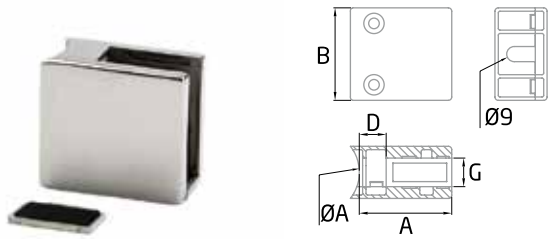
BA SATIN

	ØA	A	B	D	G
4	43	60	55	15,5	(12-16,76)
4	50,8	60	55	15,5	(12-16,76)

DIN-912 M-8 L-20 (Brico Pag. 100)

BR-2011 M-8 (Brico Pag. 101)





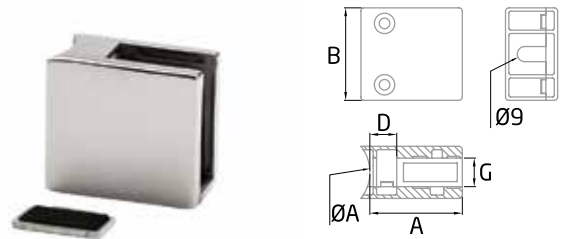
CC-725 AISI-316

BA SATIN

	ØA	A	B	D	G
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. 100)

BR-2011 M-8 (Brico Pag. 101)



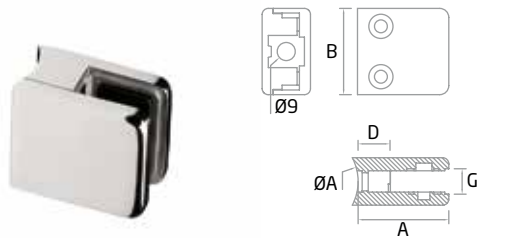
CC-727 AISI-316

BA SATIN

	ØA	A	B	D	G
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. 100)

BR-2011 M-8 (Brico Pag. 101)



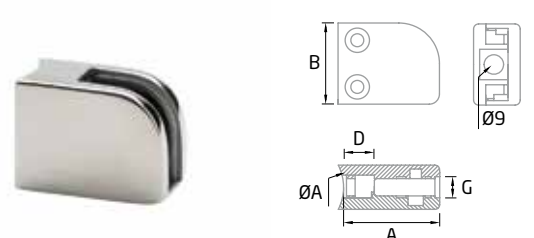
CC-721 AISI-316

BA SATIN

	ØA	A	B	D	G
4	43	44	44	16	(8-10)
4	50,8	44	44	16	(8-10)

DIN-912 M-8 L-20 (Brico Pag. 100)

BR-2011 M-8 (Brico Pag. 101)



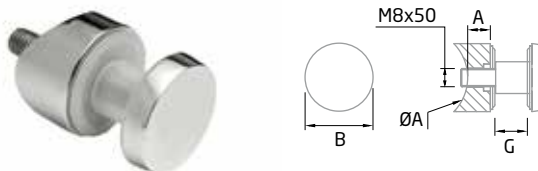
CC-751 AISI-316

BA SATIN

	ØA	A	B	D	G	L/R
4	43	50	40	16	(8-10)	L/R

DIN-912 M-8 L-20 (Brico Pag. 100)

BR-2011 M-8 (Brico Pag. 101)



CC-769 AISI-316

BA SATIN

	ØA	A	B	G
4	43	10	30	(6-17,52)

BR-2011 M-8 (Brico Pag. 101)

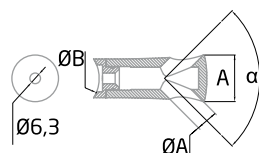




Relleno tubo. / Tube infill. / Remplissage tube.



 **comenza**
Railing Passion



ST-370 AISI-316

BA SATIN

	ØA	ØB	A	α
4	12	43	28	90

DIN-7991 M-6 L-25 (Brico Pag. 100)

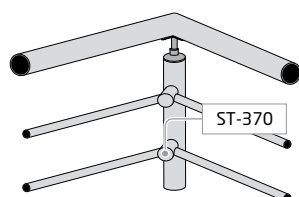
BR-2011 M-6 (Brico Pag. 101)

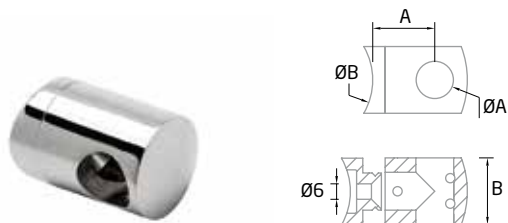


Instalación / Installation / Installation

ST-370

1





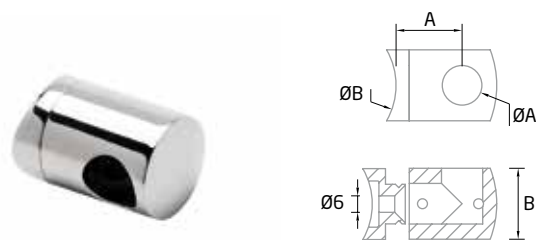
ST-320 AISI-316

BA SATIN

	ØA	ØB	A	B
4	12	43	20	21
4	12	50,8	20	21
4	16	43	25	26
4	20	43	25	30
4	20	50,8	25	30

DIN-7991 M-6 L-25 (Brico Pag. 100)

BR-2011 M-6 (Brico Pag. 101)



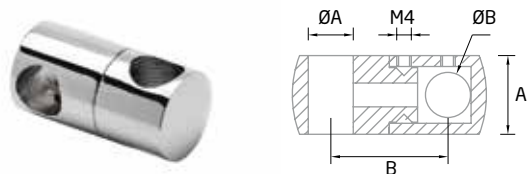
ST-322 AISI-316

BA SATIN

	ØA	ØB	A	B	L/R
4	12	43	20	21	L/R
4	20	43	25	30	L/R

DIN-7991 M-6 L-25 (Brico Pag. 100)

BR-2011 M-6 (Brico Pag. 101)



ST-324 AISI-316

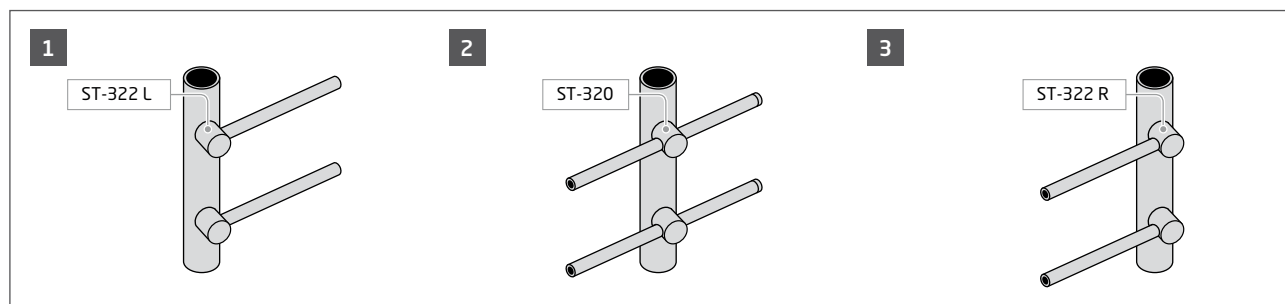
BA SATIN

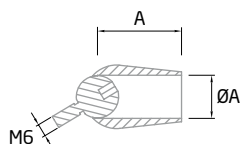
	ØA	ØB	A	B
4	12	12	21	25



Instalación / Installation / Installation

ST-320 / ST-322



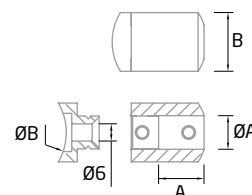


SA-405 AISI-316



	ØA	A
4	12	31
4	20	42

BR-2011 M-6 (Brico Pag. 101)



ST-325 AISI-316



	ØA	ØB	A	B
4	12	43	16	21

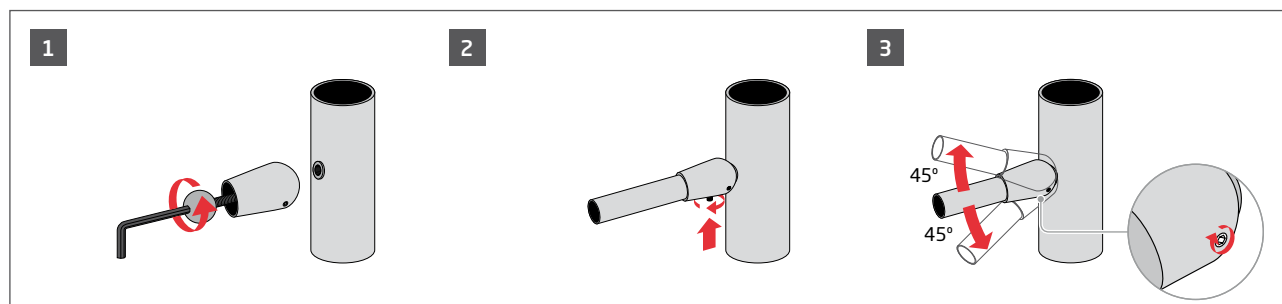
DIN-7991 M-6 L-25 (Brico Pag. 100)

BR-2011 M-6 (Brico Pag. 101)



Instalación / Installation / Installation

SA-405



The architects railing book



[esp]

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Con un diseño limpio en donde las imágenes de nuestros sistemas de barandillas son el foco de atención principal, The architect's railing book ofrece la posibilidad de que tanto el arquitecto como el cliente final visualicen fácilmente la extensa gama de barandillas Comenza.

[eng]

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With a clean design that allows the images of our railing systems to remain in the spotlight, the Architect's Railing Book allows both the architect and the final customer to easily view the extensive range of Comenza railings available.

[fra]

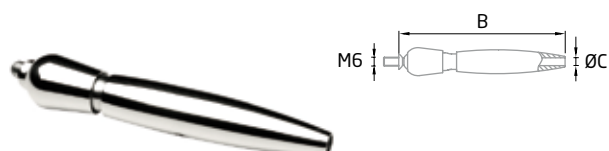
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Avec un design propre, les images de nos systèmes de garde-corps ne vous laisseront pas indifférent(e). The architect's railing book offre la possibilité à l'architecte et au client final de visualiser en toute facilité la large gamme de garde-corps de Comenza.



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www.comenza.com



SC-800 AISI-316



	ØC	B
2	4-5 mm	112

BR-2011 M-6 (Brico Pag. 101)

Tensor.
Tensioner.
Tendeur.



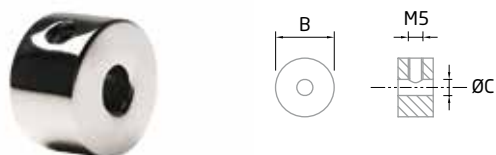
SC-801 AISI-316



	ØC	B
2	4-5 mm	71

BR-2011 M-6 (Brico Pag. 101)

Terminal.
Terminal.
Terminaison.



SC-850 AISI-316



	ØC	B
4	4-5 mm	20

BR-2011 M-8 (Brico Pag. 101)

Stopper.



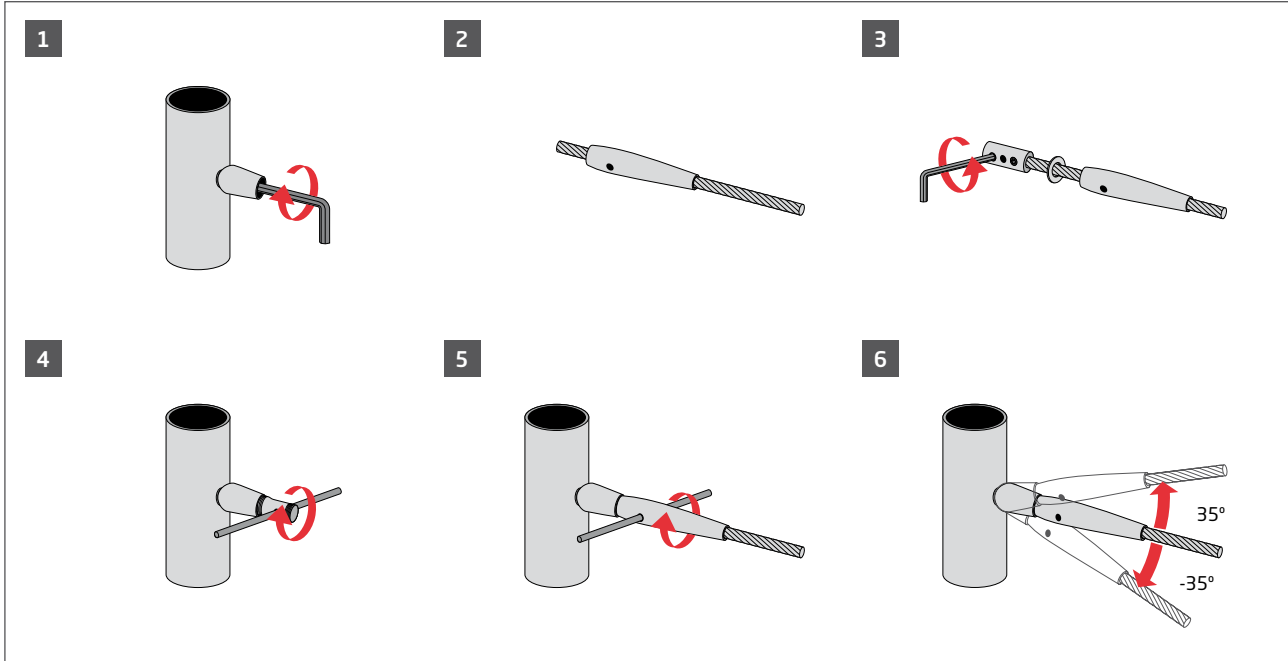
7 + 7 + 0 semi-flexible

RP-1460

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

Instalación / Installation / Installation

SC-800 / SC-801



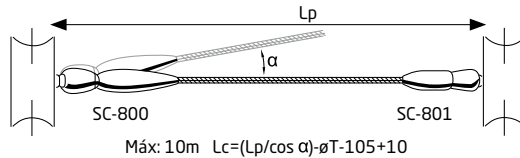
Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com

Recomendaciones / Recommendations / Recommendations

Cable Recomendado.
Recommended wire.
Câble recommandé.



7+7+0 semi-flexible



Lc: Longitud del cable / Cable Length / Longueur câble

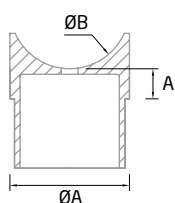
Lp: Longitud entre centros de pilares / Length between pillar centers / Longueur entre les centres des piliers

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 vérifiés par au sein de nos installations par de essais physique. Il incombe à l'utilisateur de définir le bien fondé de l'information fournie et de la recouper en fonction de l'usage qu'il fera lui-même du produit)



ST-309 AISI-316

BA SATIN

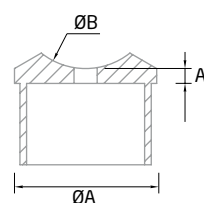
	ØA	ØB	A	E*
4	20	43	4	1,5
2	43	43	12	1,5
2	* 50,8	50,8	9	1,5

DIN-912 M-6 L-20 (Brico Pag. 100)

BR-2011 M-6 (Brico Pag. 101)



* BR-2011 M8 + DIN-912 M-8 L20



ST-310 AISI-316

BA SATIN

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

DIN-912 M-6/M-8 L-20 (Brico Pag. 100)

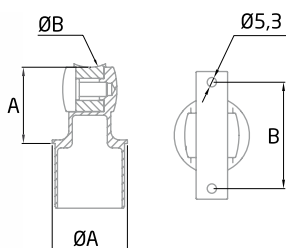
BR-2011 M-6/M-8 (Brico Pag. 101)



* BR-2011 M8 + DIN-912 M-8 L20



 **comenza**
Railing Passion



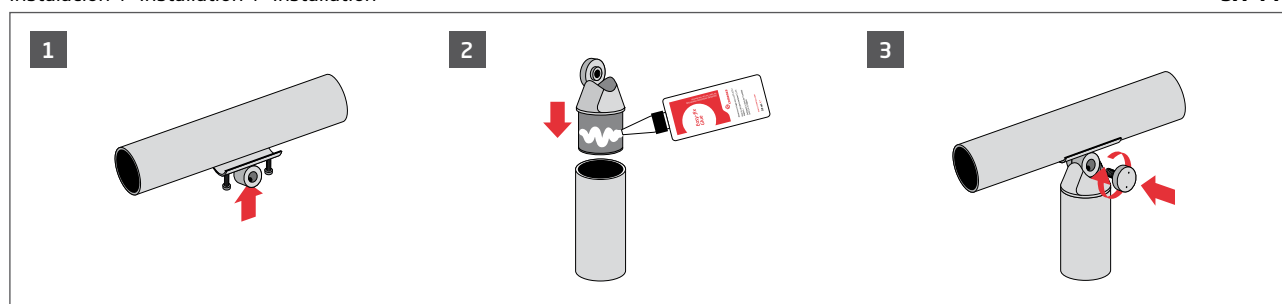
SA-449 AISI-316

	ØA	ØB	A	B	E*	BA	SATIN
2	43	43	43	60	1,5		
2	50,8	50,8	51,8	60	1,5		



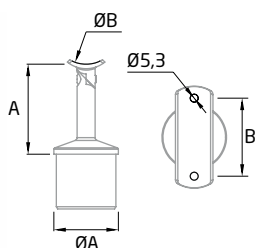
Instalación / Installation / Installation

SA-449





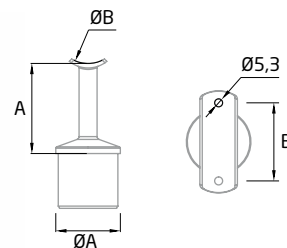
comenza
Railing Passion



SA-404 AISI-316

BA SATIN

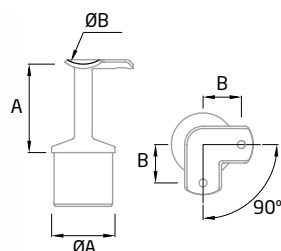
	ØA	ØB	A	B	E*
2	43	43	60	52	1,5
2	50,8	50,8	65	60	1,5



ST-302 AISI-316

BA SATIN

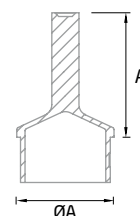
	ØA	ØB	A	B	E*
2	43	43	60	52	1,5
2	50,8	50,8	65	60	1,5



ST-319 AISI-316

BA SATIN

	ØA	ØB	A	B	E*
2	43	43	60	24	1,5
2	50,8	50,8	65	30	1,5

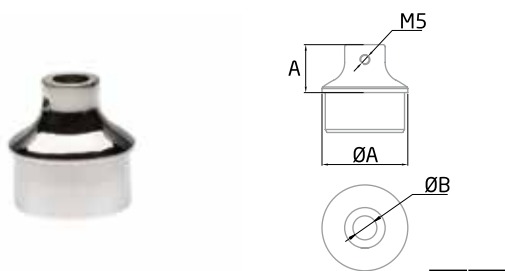


ST-330 AISI-316

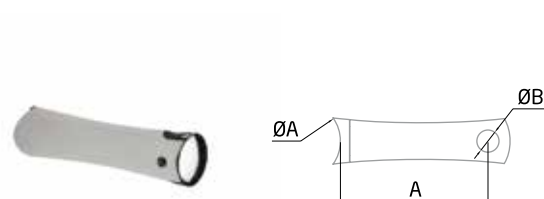
BA SATIN

	ØA	A	E*
2	43	55	1,5
2	50,8	55	1,5





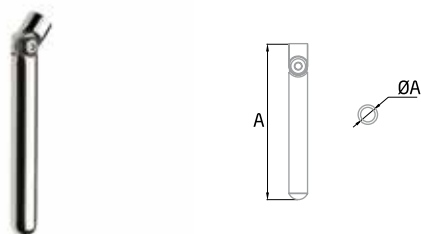
SA-420 AISI-316					BA	SATIN
	ØA	ØB	A	E*		
2	43	12	24	1,5		
2	50,8	12	25	1,5		



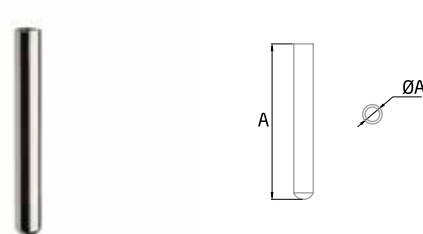
SA-421 AISI-316					BA	SATIN
	ØA	ØB	A			
2	43	12	80			

DIN-7991 M-6 L-40 (Brico Pag. 100)

BR-2011 M-6 (Brico Pag. 101)



BG-00 AISI-316			BA	SATIN
	ØA	A		
2	12	100,5		

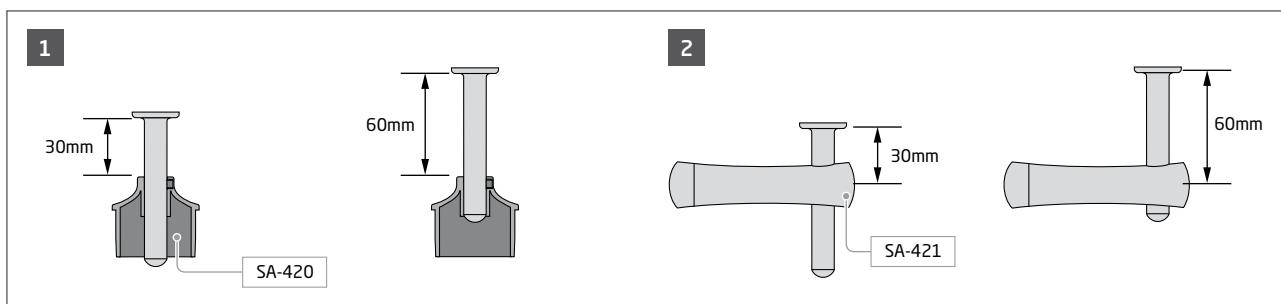


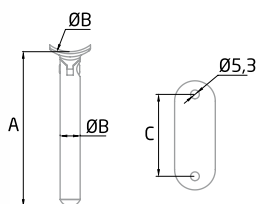
BF-00 AISI-316			BA	SATIN
	ØA	A		
2	12	96		



Instalación / Installation / Installation

SA-420 / SA-421

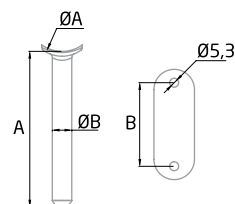




BG-R AISI-316

BA SATIN

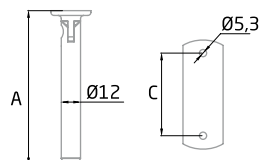
	ØA	ØB	A	C
2	43	12	97	51,5
2	50,8	12	97	61,5



BF-R AISI-316

BA SATIN

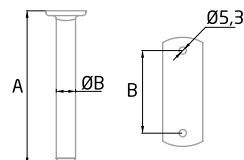
	ØA	ØB	A	B
2	43	12	96	51,5
2	50,8	12	96	61,5



BG-FLAT AISI-316

BA SATIN

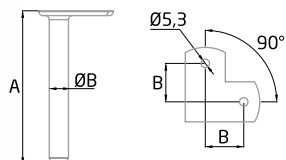
	ØB	A	C
2	12	96	51,5



BF-FLAT AISI-316

BA SATIN

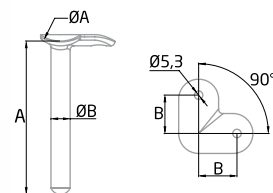
	ØB	A	B
2	12	96	51,5



BF-C FLAT 90 AISI-316

BA SATIN

	ØB	A	B
2	12	96	24

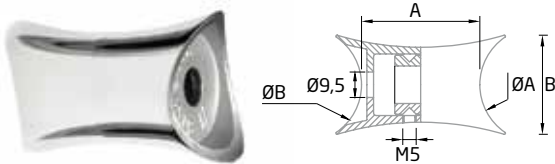


BF-C R 90 AISI-316

BA SATIN

	ØA	ØB	A	B
2	43	12	96	24
2	50,8	12	96	24





ST-312 AISI-316

BA SATIN

	ØA	ØB	A	B
2	43	43	44	37
2	50,8	50,8	44	37

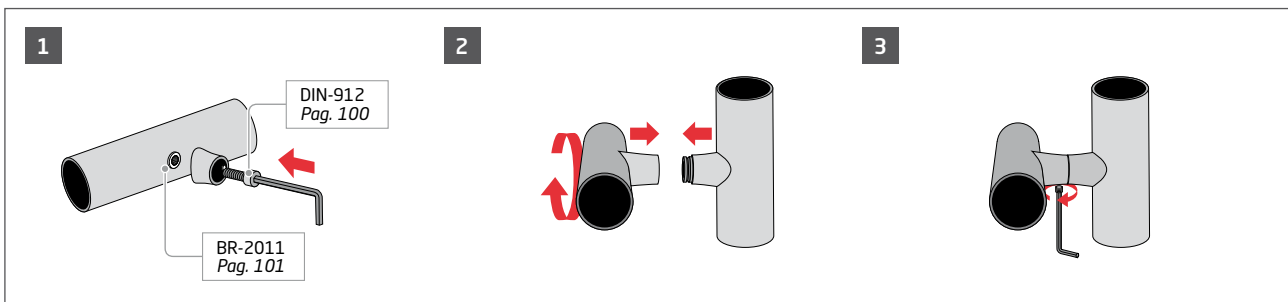
DIN-912 M-8 L-20 (Brico Pag. 100)

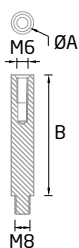
BR-2011 M-8 (Brico Pag. 101)



Instalación / Installation / Installation

ST-312

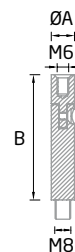




ST-380 AISI-316

BA SATIN

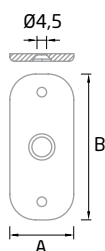
	ØA	B
2	12	65



SA-480 AISI-316

BA SATIN

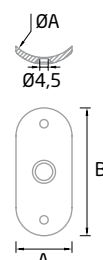
	ØA	B
2	12	65



ST-390 AISI-316

BA SATIN

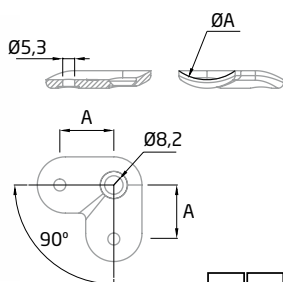
	A	B
4	30	68,5



ST-391 AISI-316

BA SATIN

	ØA	A	B
4	43	30	68,5
4	50,8	30	78,5

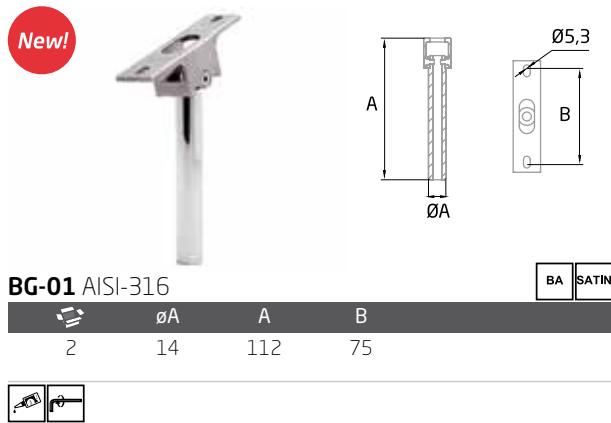


ST-392 AISI-316

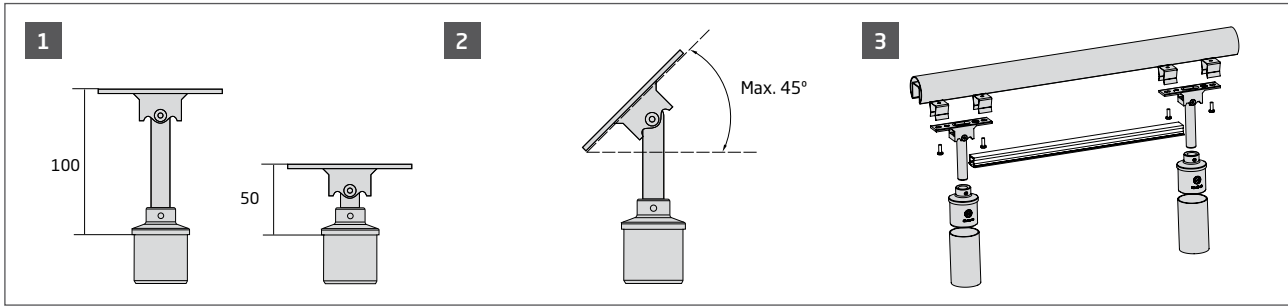
BA SATIN

	ØA	A
4	43	24
4	50,8	24



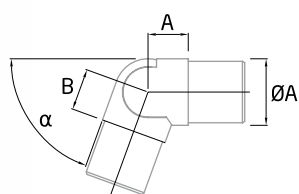


Instalación / Installation / Installation





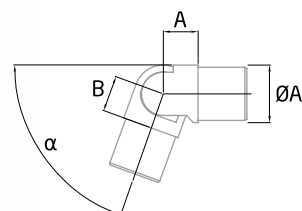
comenza
Rolling Passion



SA-406 AISI-316

BA SATIN

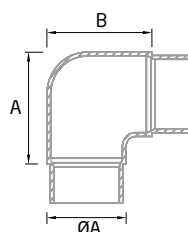
	$\varnothing A$	A	B	E*	α
4	12	8	8	1	0-90°
4	20	13	13	1,5	0-70°



SA-409 AISI-316

BA SATIN

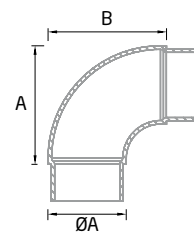
	$\varnothing A$	A	B	E*	α
2	43	26	26	1,5	0-90°
5	50,8	32	32	1,5	0-90°



CT-200 AISI-316

BA SATIN

	$\varnothing A$	A	B	E*
2	43	55	55	1,5
2	50,8	60	60	1,5

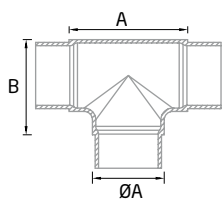


CT-201 AISI-316

BA SATIN

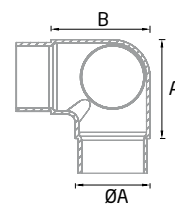
	$\varnothing A$	A	B	E*
4	20	30	30	1,5
2	43	55	55	1,5
2	50,8	60	60	1,5




CT-202 AISI-316

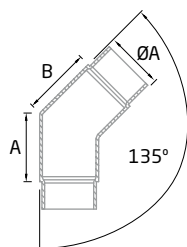
BA SATIN

	ØA	A	B	E*
2	43	71	57	1,5
2	50,8	69	60	1,5


CT-205 AISI-316

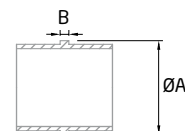
BA SATIN

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


CT-206 AISI-316

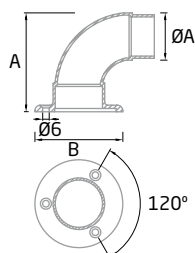
BA SATIN

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


CT-207 AISI-316

BA SATIN

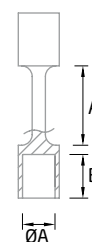
	ØA	B	E*
4	12	2	1
4	20	4	1,5
2	38,1	4	1,5
2	43	4	1,5
2	50,8	4	1,5


CT-208 AISI-316

BA SATIN

	ØA	A	B	E*
2	43	90	80	1,5
2	50,8	95	102	1,5

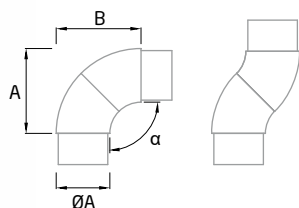
BR-2087 (Brico Pag. 114)


CT-209 AISI-316

BA SATIN

	ØA	A	B
4	12	30	16,5

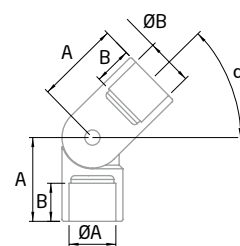




SA-402 AISI-316

BA SATIN

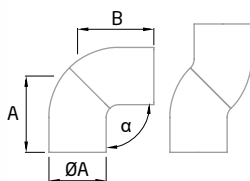
	ØA	A	B	E*	α
2	43	55	55	1,5	90-180
2	50,8	75	75	1,5	90-180



SA-486 AISI-316

BA SATIN

	ØA	ØB	A	B	α
4	12	12	22	10	0-90

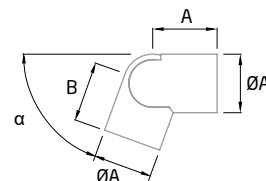


SA-412 AISI-304

BA SATIN

	ØA	A	B	α
2	45	50	45	90-180

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

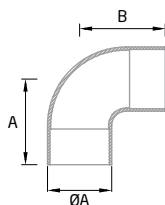


SA-413 AISI-304

BA SATIN

	ØA	A	B	α
2	45	49,5	46,4	0-70

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

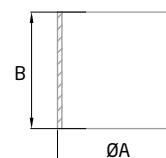


CT-215 AISI-304

BA SATIN

	ØA	A	B
2	45	60	60

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



CT-216 AISI-304

BA SATIN

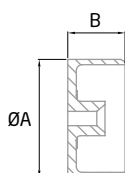
	ØA	B
2	45	45

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





comenza
Railing Passion



CT-217 AISI-304



2

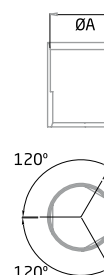
 $\varnothing A$

45

A

20

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



BR-2040



1

 $\varnothing A$

45

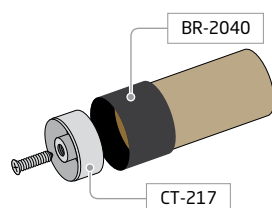
Pieza para pasamanos de madera.
Part for wood handrail.
Accessoire pour mains-courantes en bois.



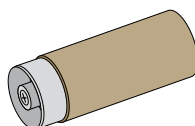
Instalación / Installation / Installation

BR-2040

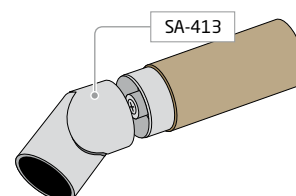
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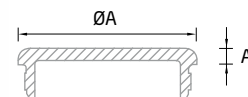
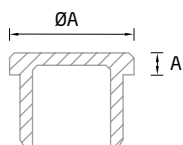


2



3





TF-502 AISI-316

BA SATIN

	ØA	A	E*
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

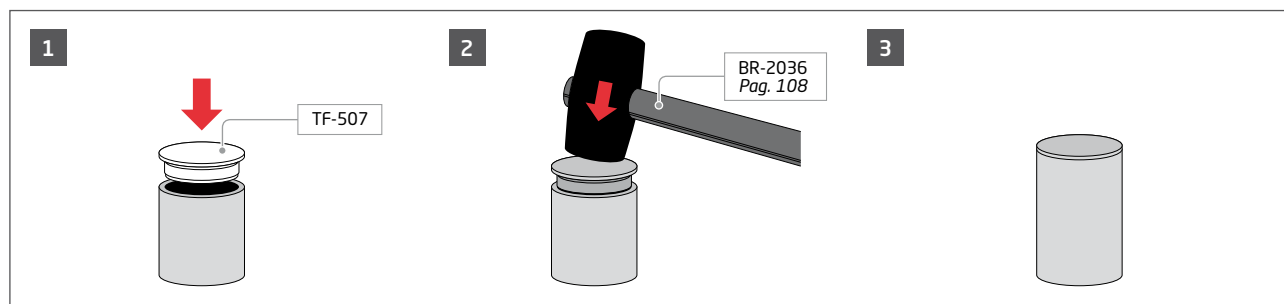
BA SATIN

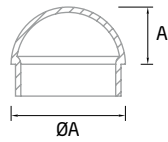
	ØA	A	E*
2	43	4	1,5
2	50,8	4	1,5



Instalación / Installation / Installation

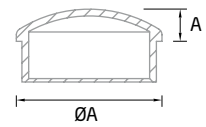
TF-507




TF-501 AISI-316

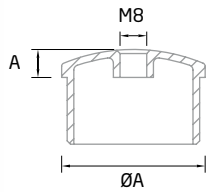
BA SATIN

	ØA	A	E*
2	43	21,5	1,5
2	50,8	25	1,5


TF-505 AISI-316

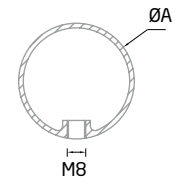
BA SATIN

	ØA	A	E*
2	43	9,5	1,5
2	50,8	12	1,5


TF-503 AISI-316

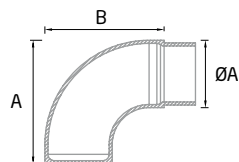
BA SATIN

	ØA	A	E*
2	43	8,4	1,5
2	50,8	8,4	1,5


TF-504 AISI-316

BA SATIN

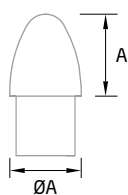
	ØA
2	50
2	70


TF-506 AISI-316

BA SATIN

	ØA	A	B	E*
2	50,8	83	80	1,5

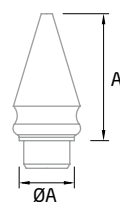




TF-508 AISI-316

BA SATIN

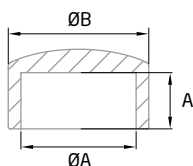
	4	12	14	1
ØA				
A				
E*				



TF-509 AISI-316

BA SATIN

	4	20	46	1,5
ØA				
A				
E*				

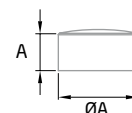


TF-510 AISI-316

BA SATIN

	4	12	6	15
ØA				
A				
ØB				

Tapa para varilla.
End cap for rods.
Bouchon pour tige.



TF-590 AISI-316

BA SATIN

	4	18	11	M
ØA				
A				
M				

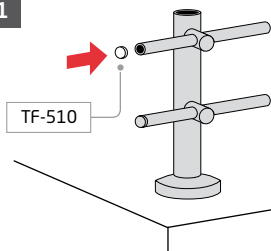
Tapa para anclaje metálico.
End cap for metal anchor.
Bouchon pour cheville métallique.



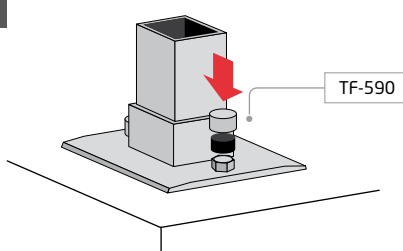
Instalación / Installation / Installation

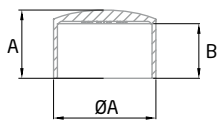
TF-510 / TF-590

1



2



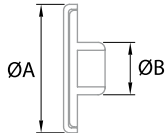


TF-513 AISI-304

BA SATIN

	ØA	A	B
2	45	30	24

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



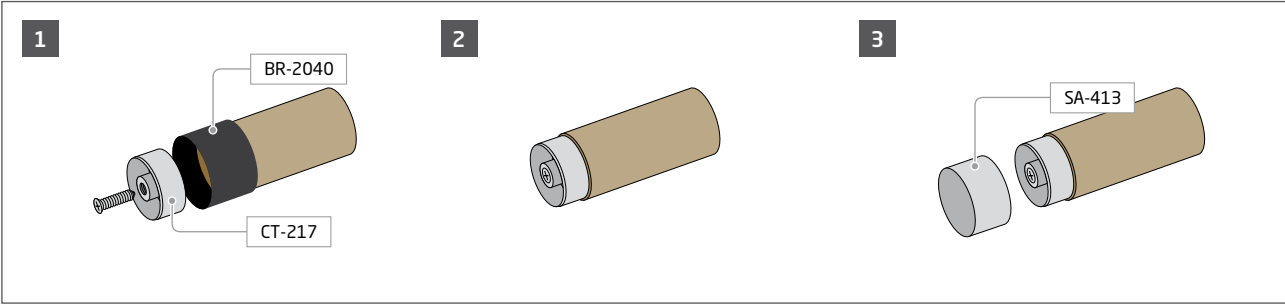
TF-595 AISI-316

BA SATIN

	ØA	ØB
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.

PLETINA

HORMIGÓN COMPRIMIDO / UNCRACKED / BETÓN COMPRIMÉ

	Taco químico / Chemical anchor / Ancrage chimique	Anclaje metálico / Anchor bolt / Cheville métallique
	FIS VS 300T	FBN II
	M-10	M-10
BS-20 (Pag. 23)	●	●
SL-1140 (Pag. 24)	●	

- DIN-975 + DIN-934 + DIN-125 (Brico 104)
- DIN-933 + DIN-125 (Brico 104)

ZINC INOX

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

	Taco químico / Chemical anchor / Ancrage chimique	Anclaje metálico / Anchor bolt / Cheville métallique
	FIS SB 390S	FAZ II
	M-10	M-10
BS-20 (Pag. 23)	●	●
SL-1140 (Pag. 24)	●	

- DIN-975 + DIN-934 + DIN-125 (Brico 104)
- Anclaje metálico sin taco químico. / Anchor bolt. / Ancrage métallique.

ZINC INOX



SQUARE IT

HORMIGÓN COMPRIMIDO / UNCRACKED / BETÓN COMPRIMÉ

	Taco químico / Taco químico / Ancrage chimique		Anclaje metálico / Anchor bolt / Cheville métallique	
	FIS VS 300T		FBN II	
	M-10	M-12	M-12	
BS-10 (Pag. 33)	●			
SL-1111 (Pag. 34)	● ●		●	
SL-1110 (Pag. 35)		● ●	●	
SL-1130 (Pag. 36)	* FIS VS 300 T M-10			

● DIN-975 + DIN-934 + DIN-125 (Brico 104)

● RGMI + DIN-933 + DIN-125 (Brico 104)

● Anclaje metálico sin taco químico. / Anchor bolt. / Ancrage métallique.

ZINC INOX

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

	Taco químico / Chemical anchor / Ancrage chimique		Anclaje metálico / Anchor bolt / Cheville métallique	
	FIS VS 300T		FAZ II	
	M-10	M-12	M-10	M-12
BS-10 (Pag. 33)	●		●	
SL-1111 (Pag. 34)	● ●			●
SL-1110 (Pag. 35)		● ●		●
SL-1130 (Pag. 36)	* FIS SB 390 S M-10			

● DIN-975 + DIN-934 + DIN-125 (Brico 104)

● RGMI + DIN-933 + DIN-125 (Brico 104)

● Anclaje metálico sin taco químico. / Anchor bolt. / Ancrage métallique.

ZINC INOX

R-CONCEPT

HORMIGÓN COMPRIMIDO / UNCRACKED / BETÓN COMPRIMÉ

	Taco químico / Chemical anchor / Ancrage chimique			Anclaje metálico / Anchor bolt / Cheville métallique	
	FIS VS 300T			FBN II	
	M-8	M-10	M-12	M-10	M-12
BS-00 (Pag. 57)	●		●		
SA-451 (Pag. 58)			●		
SL-1120 (Pag. 59)	* FIS VS 300 T M-10				
SL-1101 (Pag. 60)		● ●		●	
SL-1100 (Pag. 61)			● ●		●

● DIN-975 + DIN-934 + DIN-125 (Brico 104)

● RGMI + DIN-933 + DIN-125 (Brico 104)

● Anclaje metálico sin taco químico. / Anchor bolt. / Ancrage métallique.

ZINC INOX

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

	Taco químico / Chemical anchor / Ancrage chimique			Anclaje metálico / Anchor bolt / Cheville métallique	
	FIS VS 300T			FAZ II	
	M-8	M-10	M-12	M-10	M-12
BS-00 (Pag. 57)	●		●		
SA-451 (Pag. 58)			●		
SL-1120 (Pag. 59)	* FIS SB 390 S M-10				
SL-1101 (Pag. 60)		● ●		●	
SL-1100 (Pag. 61)			● ●		●

● DIN-975 + DIN-934 + DIN-125 (Brico 104)

● RGMI + DIN-933 + DIN-125 (Brico 104)

● Anclaje metálico sin taco químico. / Anchor bolt. / Ancrage métallique.

ZINC INOX

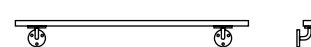
Handrail



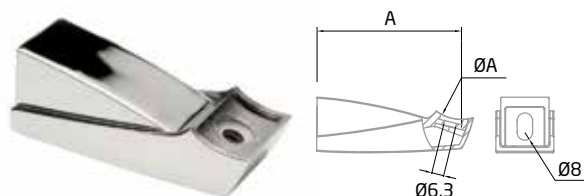
Sistema / System / Système
Handrail: Round



Sistema / System / Système
Handrail: Square



Sistema / System / Système
Handrail: Rectangular



ST-317 AISI-316

BA SATIN

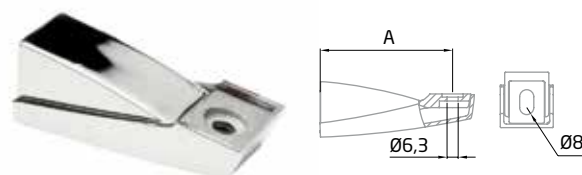
	ØA	A
2	43	75
2	50,8	75

BR-2012 (Brico Pag. 106)

DIN-7984 M-6 L-20 (Brico Pag. 100)

BR-2011 M-6 (Brico Pag. 101)

BR-2087 (Brico Pag. 106)



ST-334 AISI-316

BA SATIN

	A	E*
2	75	1,5

BR-2012 (Brico Pag. 106)

DIN-7984 M-6 L-20 (Brico Pag. 100)

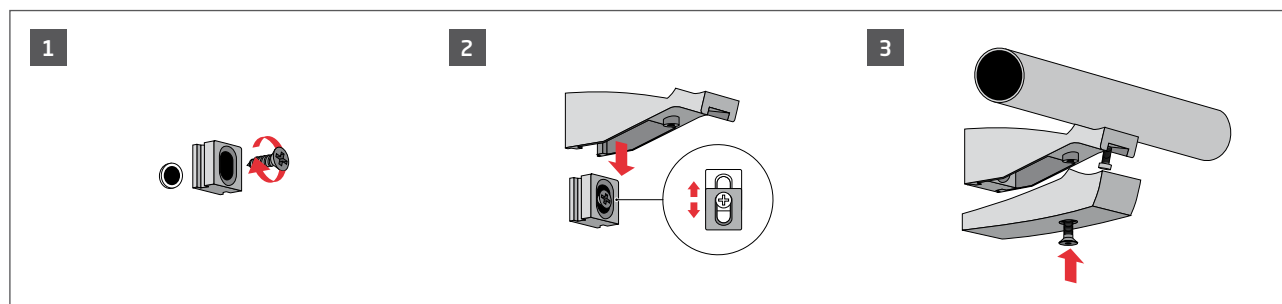
BR-2011 M-6 (Brico Pag. 101)

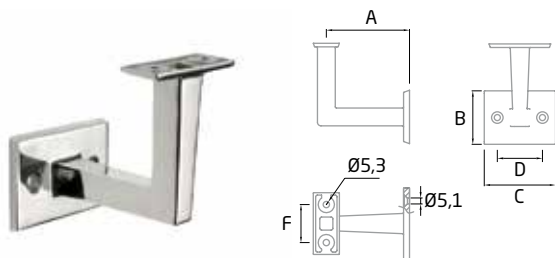
BR-2087 (Brico Pag. 106)



Instalación / Installation / Installation

ST-317 / ST-334





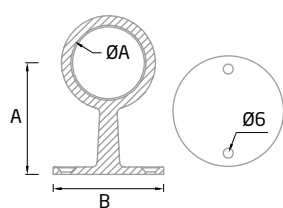
ST-335 AISI-316

BA SATIN

	A	B	C	D	F
2	70	45	60	38	32

BR-2087 (Brico Pag. 106)



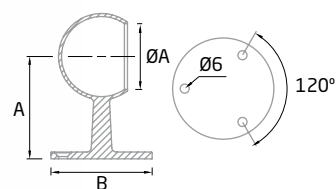


ST-304 AISI-316

BA SATIN

	ØA	A	B
2	43	68	67
2	50,8	78	80

BR-2087 (Brico Pag. 106)

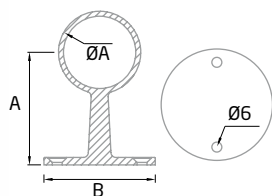


ST-305 AISI-316

BA SATIN

	ØA	A	B
2	43	68	67
2	50,8	78	80

BR-2087 (Brico Pag. 106)

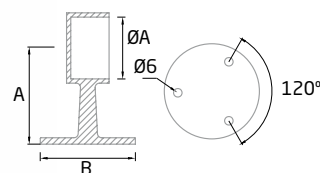


ST-306 AISI-316

BA SATIN

	ØA	A	B
2	43	72	69
2	50,8	83	63

BR-2087 (Brico Pag. 106)

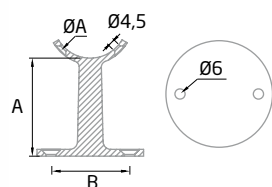


ST-307 AISI-316

BA SATIN

	ØA	A	B
2	43	72	69
2	50,8	83	63

BR-2087 (Brico Pag. 106)

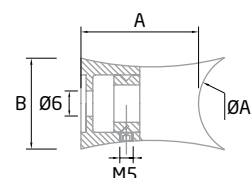


ST-311 AISI-316

BA SATIN

	ØA	A	B
2	43	57	62,5
2	50,8	57	62,5

BR-2087 (Brico Pag. 106)



ST-313 AISI-316

BA SATIN

	ØA	A	B
2	40	44	34

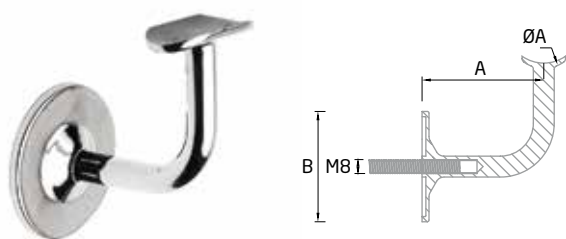
DIN-912 M-8 L-20 (Brico Pag. 106)

BR-2011 M-8 (Brico Pag. 101)





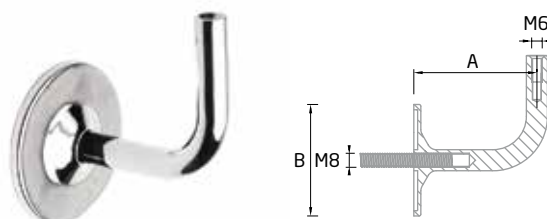
comenza
Railing Passion



ST-340 AISI-316

BA SATIN

	ØA	A	B
2	43	70	63
2	50,8	70	63



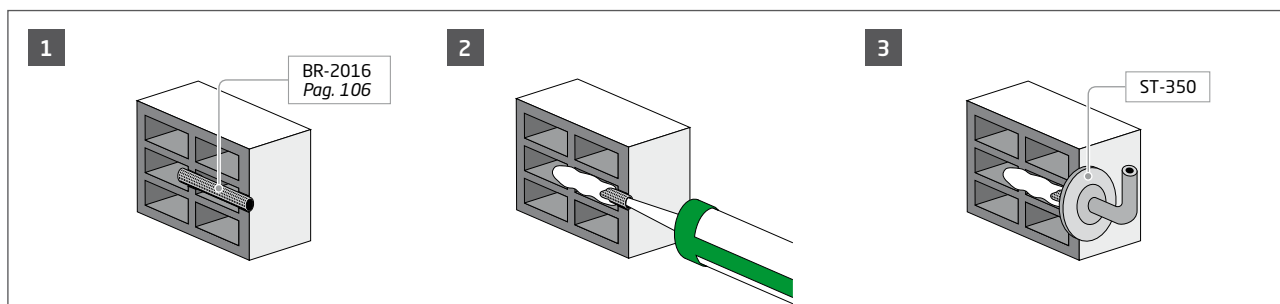
ST-350 AISI-316

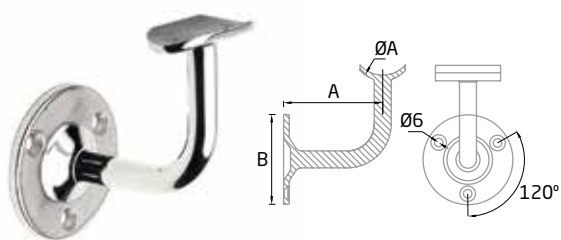
BA SATIN

	A	B
2	70	63



Instalación / Installation / Installation



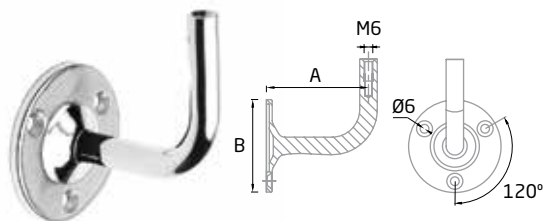


ST-303 AISI-316

BA SATIN

	ØA	A	B
2	43	70	63
2	50,8	70	63

BR-2087 (Brico Pag. 106)

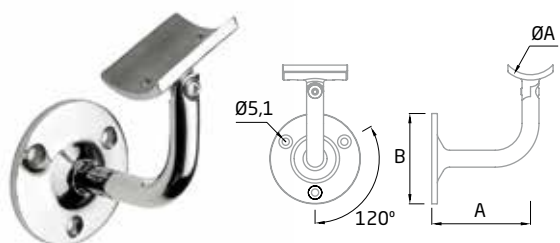


ST-351 AISI-316

BA SATIN

	A	B
2	70	63

BR-2087 (Brico Pag. 106)

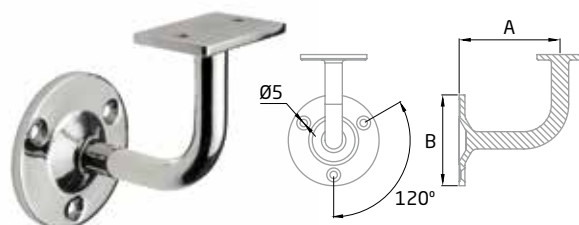


SA-410 AISI-316

BA SATIN

	ØA	A	B
2	43	70	63
2	50,8	70	63

BR-2087 (Brico Pag. 106)



ST-316 AISI-316

BA SATIN

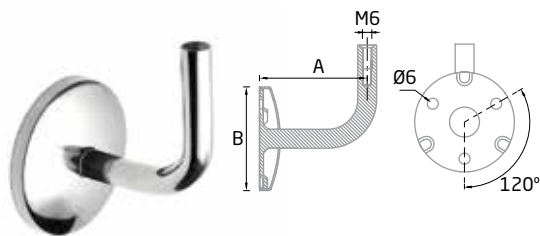
	A	B
2	70	63

BR-2087 (Brico Pag. 106)





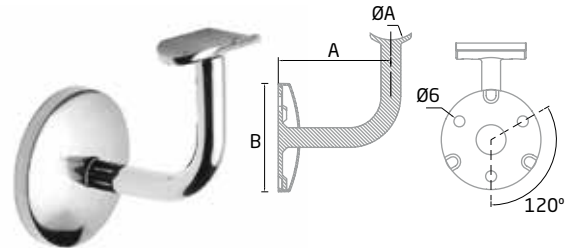
comenza
Railing Passion



ST-352 AISI-316

BA SATIN

	A	B
2	69	66



ST-353 AISI-316

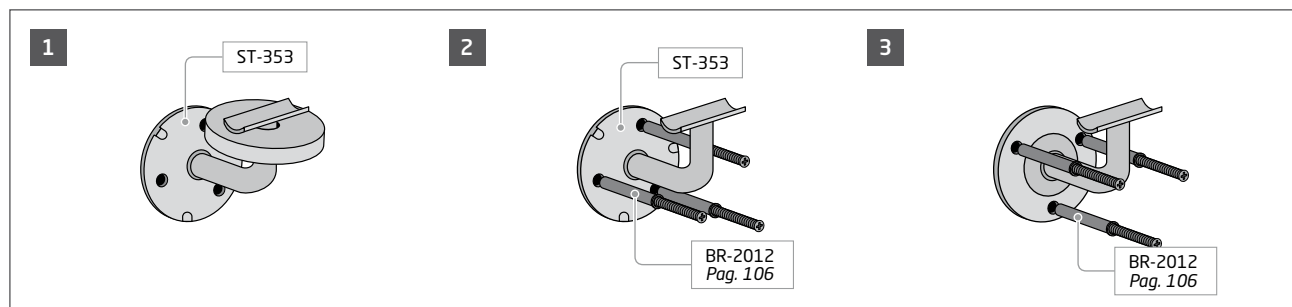
BA SATIN

	ØA	A	B
2	43	69	66
2	50,8	69	66

BR-2012 (Brico Pag. 114)



Instalación / Installation / Installation



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

Pasos de instalación con ST-353:

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

Pasos de instalación en soportes convencionales:

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

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

Installation steps with ST-353:

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

Installation steps with traditional supports:

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

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

Installation avec le support ST-353:

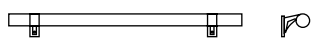
1. On perce le mur.
2. On place la ST-353
3. On fixe le support au mur avec l'ancrage pré-assemblé. [img.2]

Installation avec un support traditionnel:

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



DecoLed

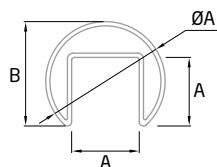


Sistema / System / Système

DecoLed



comenza
Railing Passion

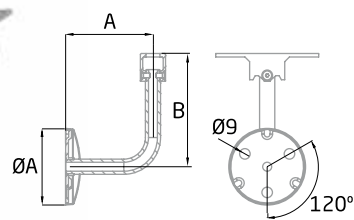


RP-1400 AISI-316

BA SATIN

LG	ØA	A	B	E*
5000	42,4	24	37	1,5

New!

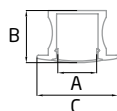


ST-346 AISI-316

BA SATIN

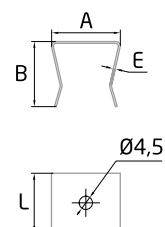
2	ØA	A	B
2	66	75	97

BR-2087 (Brico Pag. 106)



AL-01

LG	A	B	C
2000	12	16	24



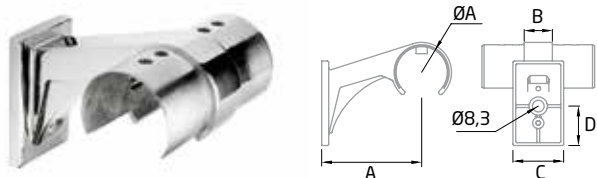
AL-00 AISI-304

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

DIN-912 M-4 L-6 (Brico Pag. 100)

BR-2011 M-4 (Brico Pag. 101)

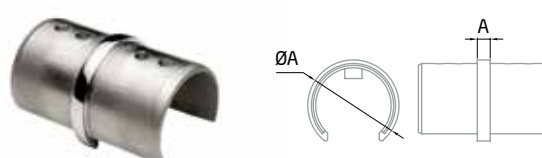
2pcs por metro lineal.
2pcs per linear meter.
2pcs chaque mètre linéaire.


ST-345 AISI-316

BA SATIN

	2	ØA	A	B	C	D
	2	42,4	71	20	36	28

BR-2012 (Brico Pag. 106)


CT-212 AISI-316

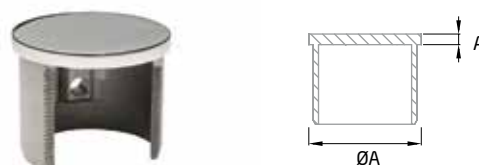
BA SATIN

	2	ØA	A	E*
	2	42,4	4	1,5


CT-211 AISI-316

BA SATIN

	2	ØA	A	E*
	2	42,4	50	1,5

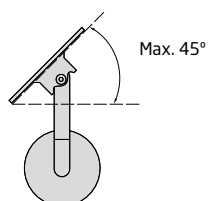
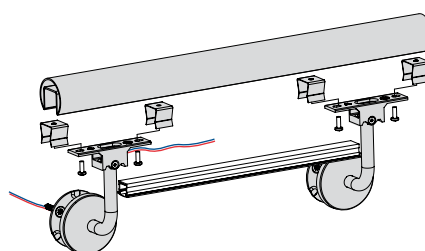

TF-512 AISI-316

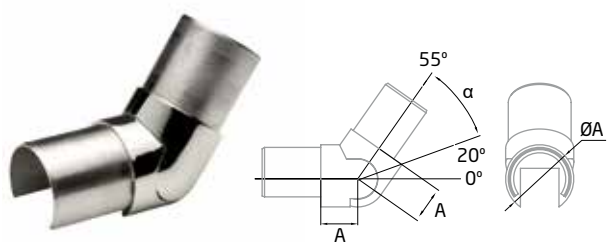
BA SATIN

	2	ØA	A	E*
	2	42,4	3	1,5



Instalación / Installation / Installation

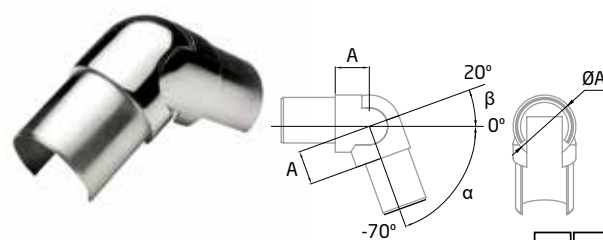
ST-346
1

2




SA-416 AISI-316

BA SATIN

	2	ØA	A	E*	α
	2	42,4	23	1,5	20-55°



SA-417 AISI-316

BA SATIN

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



BR-2086

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

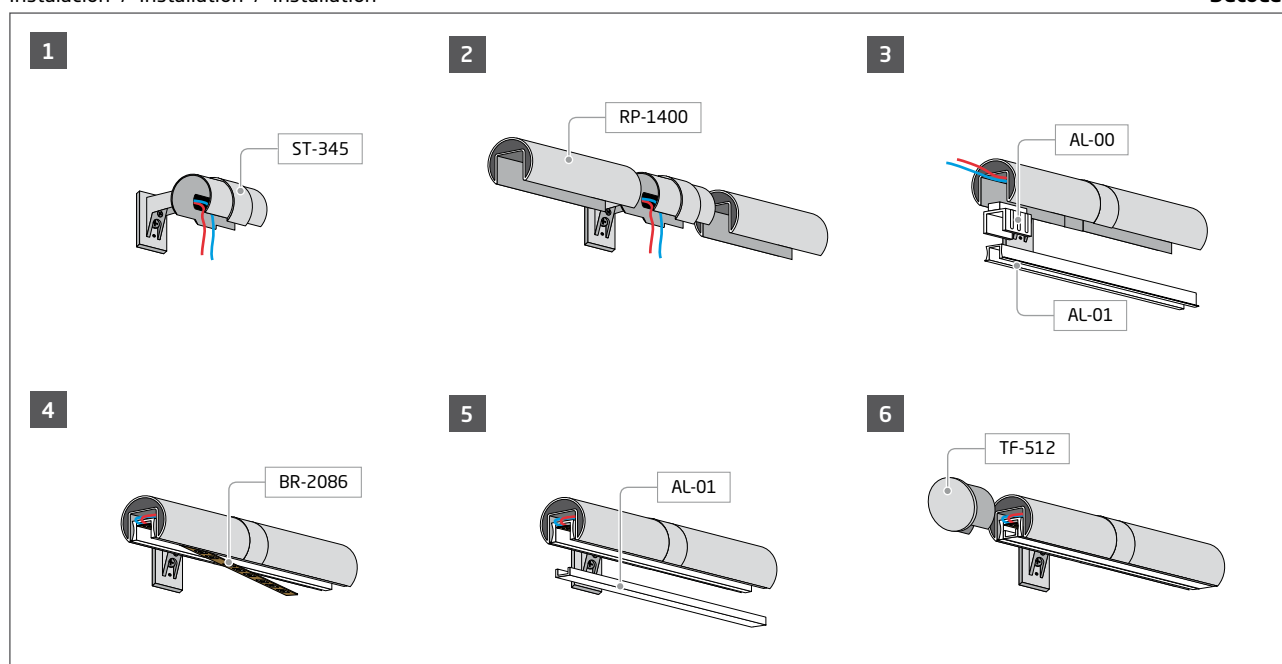


SP-200

1

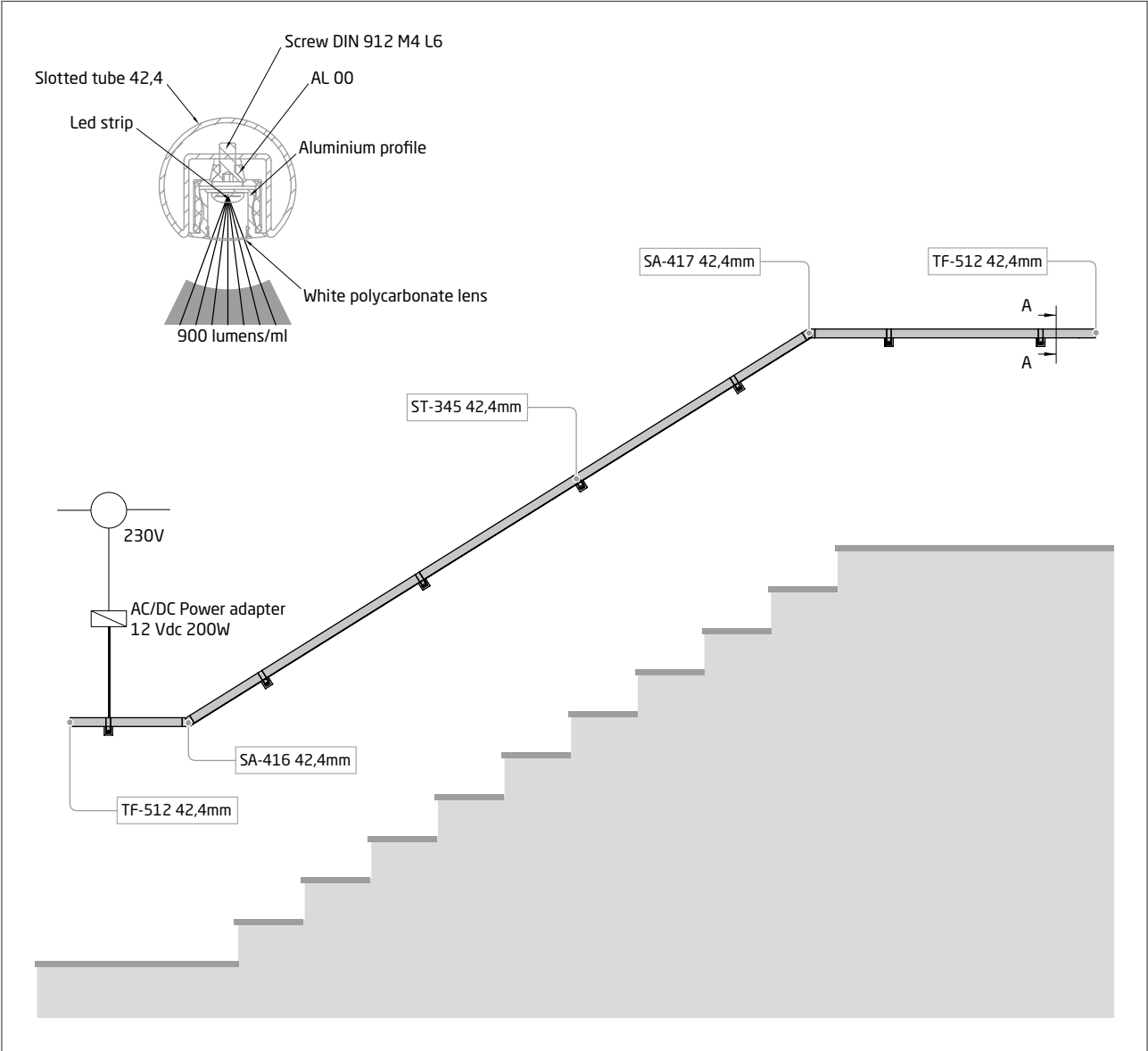
Instalación / Installation / Installation

DecoLed

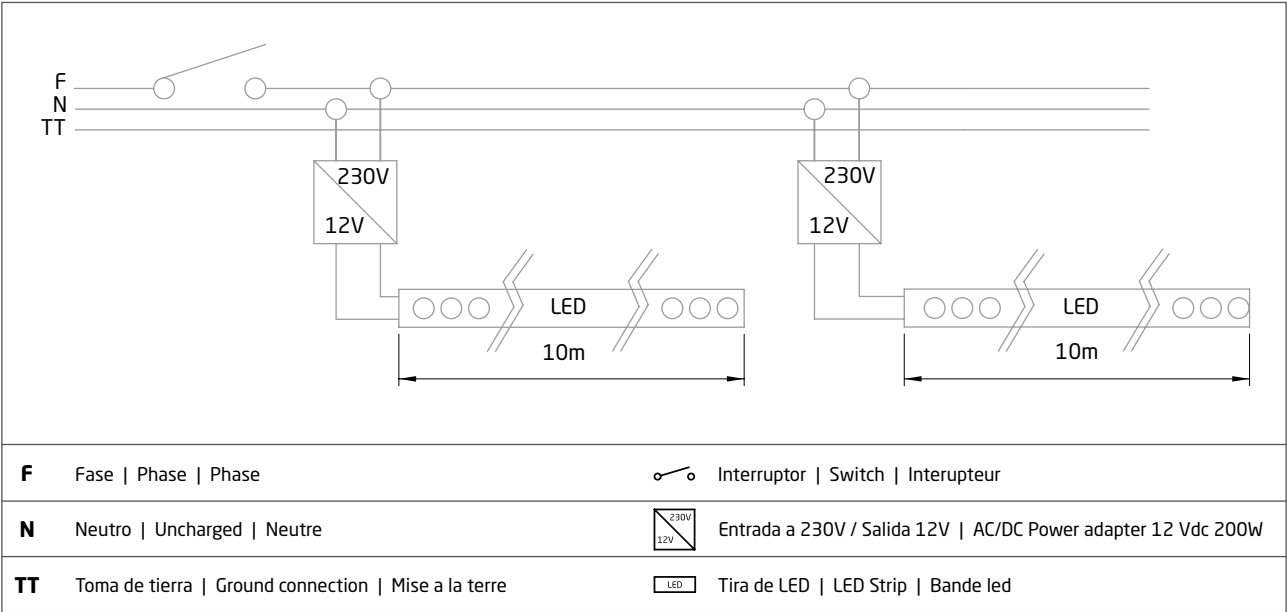


Ver video de instalación en / Watch installation video at / Voir video d'installation à www.comenza.com

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



Esquema de conexionado / Wiring diagram / Schéma de câblage



Brico



comenza
Railing Passion



Fast-Fix Glue A+B (50+50ml) *



1 kit

Duración aproximada / Estimated duration / Duration aproximative

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

Características FAST-FIX GLUE

- Envase bicomponente A+B
- Tiempo de manipulación: 1-3min
- Resistencia funcional: 30-60min
- Resistencia final: 24h
- Cubre holguras hasta 0.5mm (holgura máxima recomendada entre 0.1mm y 0.3mm)
- Cantidad: 50+50ml
- Conservar en un lugar fresco y seco a una temperatura de menos de 20°C.

FAST-FIX GLUE characteristics:

- Two-component A+B package
- Manipulation time: 1-3 min
- Functional strength: 30-60 min
- Final strength: 24 hours
- Fills gaps of up to 0.5 mm (maximum recommended gap between 0.1 mm and 0.3 mm)
- Volume: 50+50 ml
- Store in a cool dry place at a temperature below 20°C

Caractéristiques FAST-FIX GLUE

- Emballage bicomposant A+B
- Temps de manipulation: 1-3 min
- Résistance fonctionnelle: 30-60 min
- Résistance finale: 24 h
- L'emballage admet des jeux allant jusqu'à 0,5 mm (jeu maximum recommandé: de 0,1 mm à 0,3 mm)
- Volume: 50 + 50 ml
- À conserver dans un endroit frais et sec à une température inférieure à 20 °C.



CLEAN+ (500ml) *



1



STAIN ZERO (500ml) *



1



EN 388



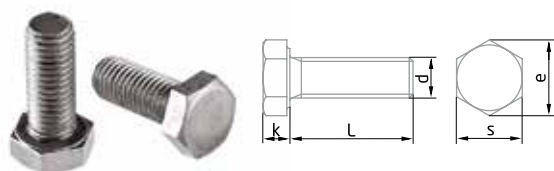
BR-2085



Tallas / Size

1 par / couple

6 / 7 / 8 / 9 / 10



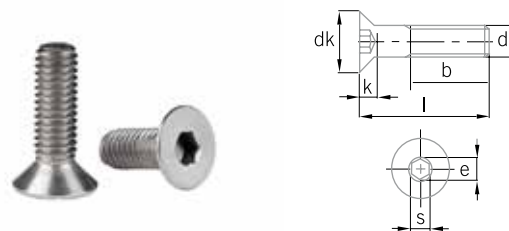
DIN-933

Qlty.	d	L	K	e	s
100 ZINC 8.8/A2/A4	M10	30	6,4	18,9	17
100 ZINC 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. 104)
Use with RG MI + DIN 125 (Pag. 104)
Utiliser avec: RG MI + DIN 125 (Pag. 104)

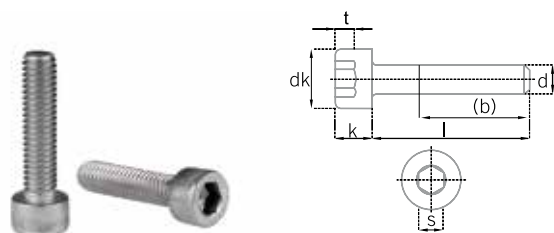


DIN-7991

Qlty.	d	L	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



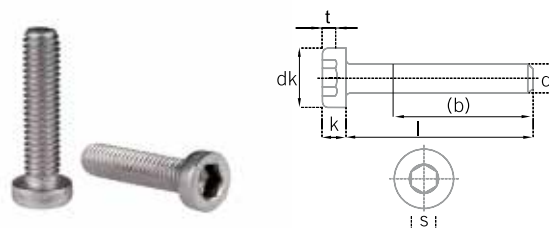
DIN-912

Qlty.	d	L	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 50'8X50'8, ST-310 50'8X50'8, ST-312, ST-313

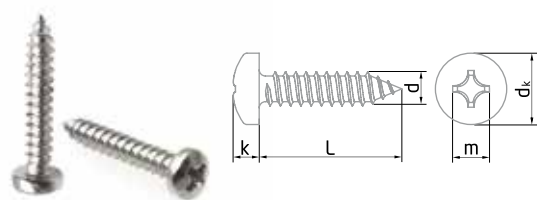


DIN-7984

Qlty.	d	L	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-317, ST-334

M-8	Serie	Ref.
	CC	CC-759, CC-760, CC-761, CC-762

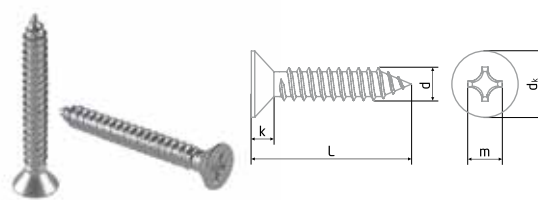
**DIN-7981**

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

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**

	Qlty.	d	L	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.

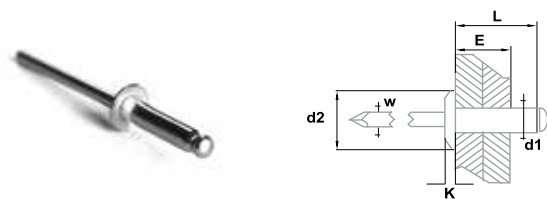
**BR-2011**

	Qlty.	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-308, ST-309 43X20, ST-309 43X43, ST-309 50,8X20, ST-317, 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-760, CC-761, CC-762, CC-768, CC-769
	ST	ST-309 50'8X50'8, ST-310 43X43, ST-310 50'8X50'8, ST-312, ST-313



BR-2015

	Qlty.	M	L
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, SA-470
	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

	Qlty.	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 V (FIS VS 300 T)


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

--

**DIN-975**

	Qty.	M	L	
1	ZINC 8.8/A2/A4	M-8	1000	ø10
1	ZINC 8.8/A2/A4	M-10	1000	ø12
1	ZINC 8.8/A2/A4	M-12	1000	ø14

M-8	Serie	Ref.
	BS	BS-00

M-10	Serie	Ref.
	BS	BS-10, BS-20
	SL	SL-1101, SL-1111, SL-1140

M-12	Serie	Ref.
	BS	BS-00 (Ancraje Central / Central anchorage / Ancrage Centrale)
	SL	SL-1100, SL-1110
	SA	SA-451

**DIN-934**

	Qty.	M	*E
250	ZINC 8.8/A2/A4	M-8	6,5
250	ZINC 8.8/A2/A4	M-10	8
250	ZINC 8.8/A2/A4	M-12	10

M-8	Serie	Ref.
	BS	BS-00

M-10	Serie	Ref.
	BS	BS-10, BS-20
	SL	SL-1101, SL-1111, SL-1140

M-12	Serie	Ref.
	BS	BS-00 (Ancraje Central / Central anchorage / Ancrage Centrale)
	SL	SL-1100, SL-1110
	SA	SA-451

**DIN-125**

	Qty.	M	*E
250	ZINC 8.8/A2/A4	M-8	1,6
250	ZINC 8.8/A2/A4	M-10	2
250	ZINC 8.8/A2/A4	M-12	2,5

M-8	Serie	Ref.
	BS	BS-00

M-10	Serie	Ref.
	BS	BS-10, BS-20
	SL	SL-1101, SL-1111, SL-1140

M-12	Serie	Ref.
	BS	BS-00 (Ancraje Central / Central anchorage / Ancrage Centrale)
	SL	SL-1100, SL-1110
	SA	SA-451

**RG MI**

	Qty.	M	L	R	
10	ZINC	M-6	75	16	ø12
10	ZINC / A4	M-8	90	18	ø14
10	A4	M-10	90	23	ø18
10	A4	M-12	125	26	ø20

M-6	Serie	Ref.
	SC	SC-800, SC-801

M-8	Serie	Ref.
	CC	CC-700, CC-702, CC-720, CC-724, CC-726, CC-750, CC-768

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

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



FAZ II

		Qty.	M	L	E*	
50		ZINC/A4	M-10	105	20	ø10
20		ZINC/A4	M-12	120	20	ø12

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

M-10	Serie	Ref.
	BS	BS-20
	SL	SL-1101

M-12	Serie	Ref.
	SL	SL-1100, SL-1110, SL-1111



CH

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



CH-PL

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



MT

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



BR-2012

	Qty.	L	E*	
50	ZINC 8.8/A4	80	10	ø8

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



BR-2018

	Qty.	L	E*	
50	ZINC 8.8/A4	80	10	ø8

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



BR-2087

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

4,5-6,0	Serie	Ref.
	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-317, ST-334, ST-345, ST-333, ST-308 43, ST-308 50,8
	AV	AV-610



BR-2016

10

* Tamices plásticos.
Plastic anchor sleeve.
Tamis Plastiques.



FIS MS PRO BLACK

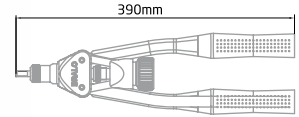
1



BM-160

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

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

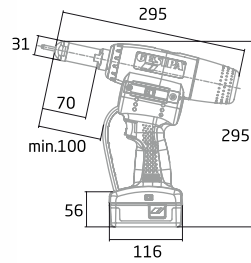


TR-308

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

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

New!



FIREBIRD PRO

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

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



BR-2060

1

Ref.

FIS VS 300 T, FIS VS Pro Black

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



BR-2075

1



BR-2036



1

* Martillo cabeza de plástico.
Plastic Head Hammer.
Marteu à embout plastique.



BR-2037



1

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



BR-2033



1



BR-2034



1

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



BR-2035



1

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



BR-2073



1

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



BR-2054



1

* Multinivel.
Multi spirit level.
Neveau à bulle.

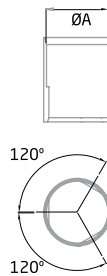


BR-2064



1

* Tenaza Cable
Wire stripper
Tenaille coupe-câble



BR-2040



1

ØA
45

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



BR-2051



1



BR-2070



1

* Sierra cinta portatil (cortes hasta 45°)
Portable belt saw (for cuts until 45°)
Scie à ruban portable (par coupé a 45°)



BR-2071



1

* Cinta de sierra 1440x13x0,65 (10/14)
Band Saw 1440x13x0,65 (10/14)
Lames de scie à ruban 1440x13x0,65 (10/14)



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