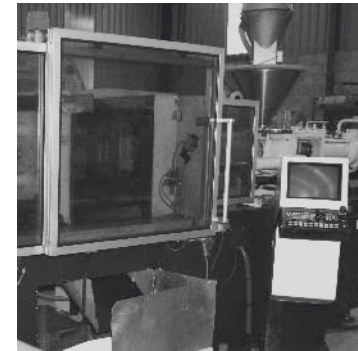
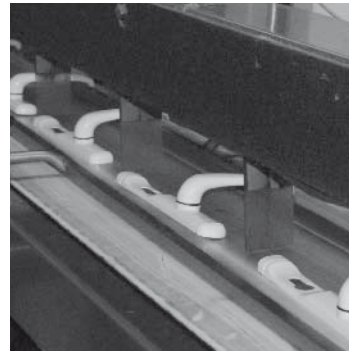
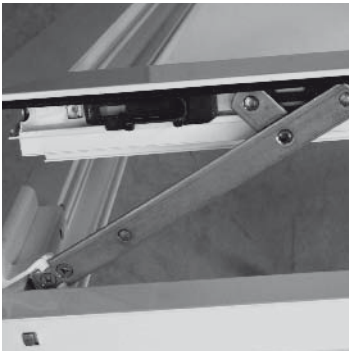




CATÁLOGO GENERAL • GENERAL CATALOG • CATALOGUE GÉNÉRAL



Catálogo general





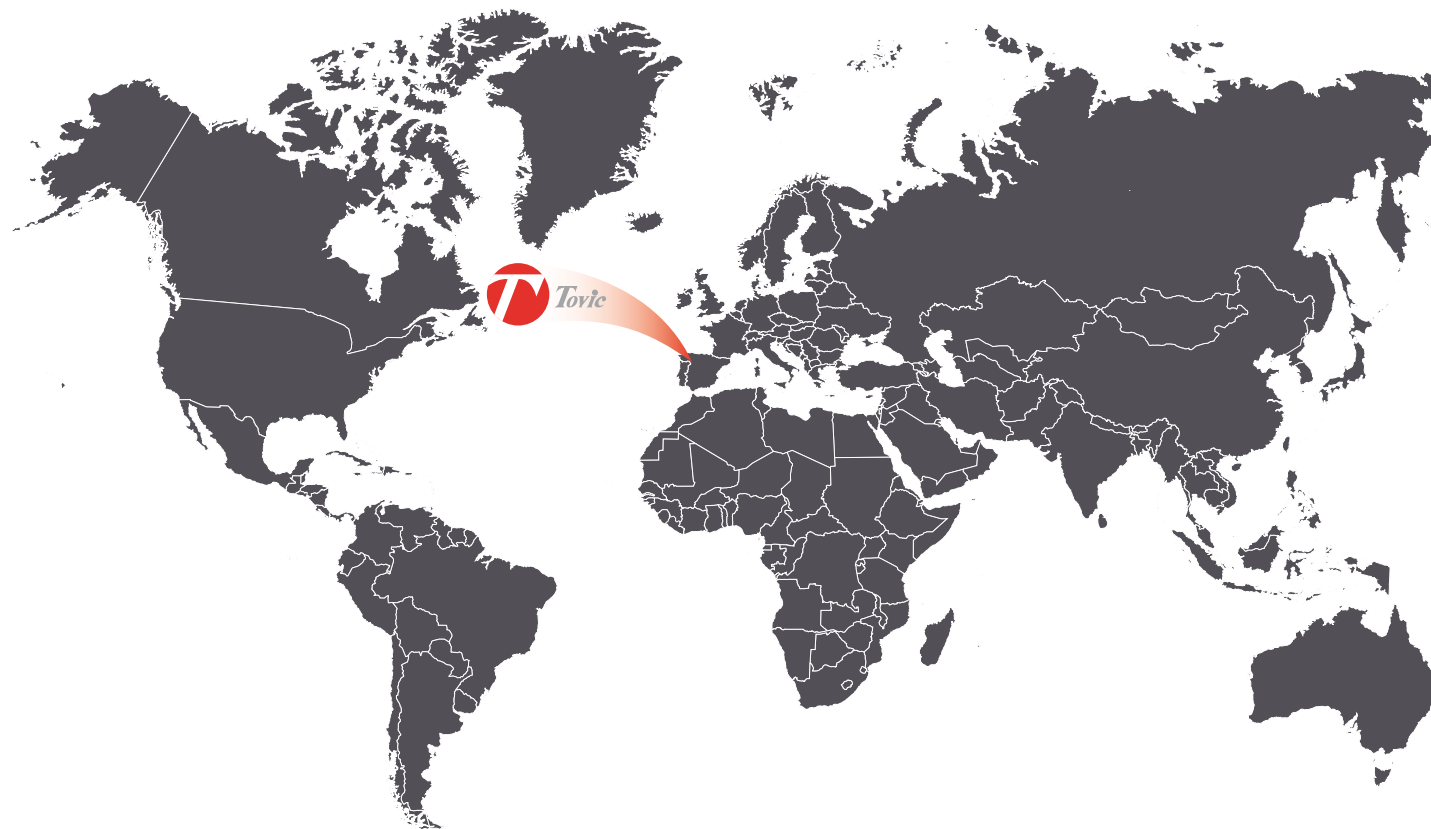
TOVIC S.L. es una empresa dedicada al diseño, fabricación de herrajes para la carpintería metálica desde 1973 desarrollando una fuerte inversión en calidad, diseño e innovación. Esto nos ha situado como líderes del sector nacional abriéndonos las puertas al mercado internacional. Trabajamos para conocer y satisfacer las necesidades y expectativas del cliente en un entorno dinámico, cambiante y competitivo, para ello disponemos de un equipo humano altamente cualificado y en constante formación así como de una actualización y mejora constante de nuestra maquinaria y medios tecnológicos todo ello sin olvidar el respeto por el medio ambiente, planificando y controlando el uso de recursos naturales y energéticos así como la correcta gestión de los residuos generados. Tenemos la certificación según la normativa UNE EN ISO 9001:2000 (Certificado nº ES08/6127).












TOVIC S.L. is a manufacturing company of metal accessories with more than 40 years of experience in the market. Continuously investing in design and quality we have reached a national leadership and a strong presence in international markets. We are focused on our clients, working on their needs and expectations, in a highly competitive and dynamic market. Our team consists of experienced engineers and technicians working with cutting-edge machinery and constantly improving the manufacturing process in order to assure the quality of our products, reducing the energy consumption and a better waste management.




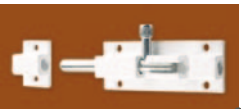



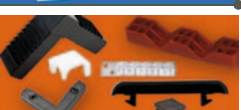


All our products have been certified according to the EU standards and the company counts with the ISO 9001:2000 certification.

TOVIC S.L., fabricant des accessoires pour menuiserie en aluminium, a été crée en 1973 en Espagne. Depuis le début, nous avons suivi une politique d'investissement en dessin et qualité qui nous a permis d'être une société leader en Espagne et avec une forte présence aux marchés internationaux. Nous travaillons avec nos clients pour développer de nouveaux produits afin de satisfaire ses besoins and ses préférences, toujours dans un marché très compétitif et changeant. Notre équipe est composé par des ingénieurs et techniciens très qualifié qui travaillent avec des machines à l'avant-garde et en développant de une façon constante de nouveaux procédures qui nous permet une meilleur gestion des ressources naturelles et d'économiser énergie.

Tous les produits de la société Tovic ont été certifiés par l'U.E. et l'entreprise a obtenu la certification ISO 9001:2001.

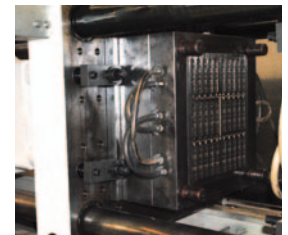
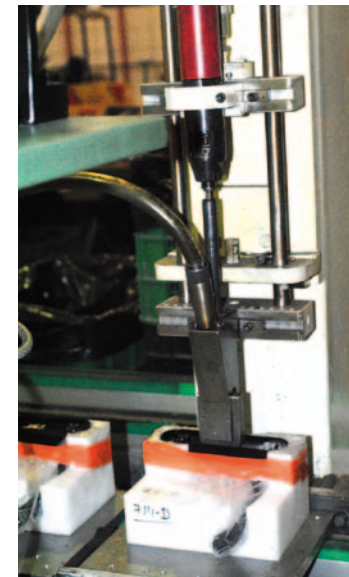


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INSTALACIONES DE LA EMPRESA TOVIC, S.L. LEÓN - ESPAÑA
FACTORY - TOVIC, S.L. LEÓN - SPAIN
USINE DE TOVIC, S.L. À LEÓN - ESPAGNE



PRODUCCIÓN AUTOMATIZADA
AUTOMATED PRODUCTION SYSTEM
SYSTÈME AUTOMISÉ DE PRODUCTION

SGS

Certificado nº ES08/6127

El sistema de gestión de

TOVIC, S.L.
Ctra. León-Benavente, km 8
24231 Onzonilla (León)
España

ha sido evaluado y certificado en cuanto al cumplimiento de los requisitos de

ISO 9001:2000

Para las siguientes actividades

Diseño y fabricación de accesorios y herrajes de aluminio.

Este certificado es válido desde
2 de diciembre de 2008 hasta 2 de diciembre de 2011.
Edición 1.

Autorizado por



J. Moya
J. Moya
Director de Certificación

SGS ICS Ibérica, S.A. Systems & Services Certification
C/Trespaderne, 29. 28042 Madrid. España.
t 34 91 313 8115 f 34 91 313 8102 www.sgs.com

Página 1 de 1



Cualquier aclaración adicional relativa tanto al alcance de este certificado como a la aplicabilidad de los requisitos de la norma ISO 9001:2000 puede obtenerse consultando a la Organización.

SGS

Certificate nº ES08/6127

The management system of

TOVIC, S.L.
Ctra. León-Benavente, km 8
24231 Onzonilla (León)
Spain

has been assessed and certified as meeting the requirements of

ISO 9001:2000

For the following activities

Design and fabrication of aluminium accessories.

This certificate is valid from
2 December 2008 until 2 December 2011.
Issue 1.

Authorized by



J. Moya
J. Moya
Certification Manager

SGS ICS Ibérica, S.A. Systems & Services Certification
C/Trespaderne, 29. 28042 Madrid. España.
t 34 91 313 8115 f 34 91 313 8102 www.sgs.com

Page 1 of 1



Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2000 requirements may be obtained by consulting the Organisation.

Certificado de Ensayos



Pol. Ind. Lasao, Area Anardi, nº 5
20730 AZPEITIA (Guipúzcoa)
Tel.: 943 816800 – Fax: 943 816074
Email: cidemco@cidemco.es
http://www.cidemco.es

EMPRESA	TOVIC S.L.
DIRECCIÓN	Ctra. LEÓN-BENAVENTE km 8 24231 - ONZONILLA (LEÓN)
Nº CERTIFICADO	18035

MUESTRA ENSAYADA

Barandilla de (1.100 x 2.500) mm, compuesta por:

- Pie de barandilla de referencia «2113»
- Soporte de vidrio de referencia «1059»

ENSAYO SOLICITADO

Carga estática horizontal hacia el exterior, aplicada a la altura del barandal y distribuida de forma uniforme en toda su longitud

- Fuerza: 0,8 kN/m = 2 kN
- Duración: 3 min

RESULTADO

No se aprecian daños considerables y la barandilla sigue cumpliendo su función.

FECHA 5 de marzo de 2008

Este documento no tiene validez sin el informe de ensayos, en el cual se indican los resultados obtenidos en cada ensayo.

Los resultados obtenidos en estos ensayos solo se refieren a la(s) muestra(s) analizada(s) en este Centro en la fecha indicada y no implican una característica de constancia en la calidad de la producción.



Pol. Ind. Lasao, Area Anardi, nº 5
20730 AZPEITIA (Guipúzcoa)
Tel.: 943 816800 – Fax: 943 816074
Email: cidemco@cidemco.es
http://www.cidemco.es

COMPANY	TOVIC S.L.
ADDRESS	Ctra. LEÓN-BENAVENTE km 8 24231 - ONZONILLA (LEÓN)
CERTIFICATE No.	18035-a

Test Certificate

MATERIAL TESTED

Banister (1.100 x 2.500) mm, consisting of:

- Pedestal base referenced as «2113»
- Glass brackets referenced as «1059»

TEST REQUESTED

Outwards horizontal static load, applied on the handrail and evenly distributed along its surface.

- Load: 0,8 kN/m = 2 kN
- Duration: 3 min

RESULT

No major damage has been detected and the banister still keeps its serviceability

DATE 5th March 2008

This document is not valid without the test report number 18035 in which the results obtained in each test are shown.

The results obtained in these tests only refer to the sample(s) analysed at this centre on the date shown, and do not involve a sample referring to production quality.



Certificado de Ensayos



Pol. Ind. Lasao, Area Anardi, nº 5
20730 AZPEITIA (Guipúzcoa)
Tel.: 943 816800 – Fax: 943 816074
Email: cidemco@cidemco.es
http://www.cidemco.es

EMPRESA	TOVIC, S.L.
DIRECCIÓN	Ctra. León-Benavente, Km. 8 24231 ONZONILLA (LEÓN)
Nº CERTIFICADO	16664-17268

MUESTRA ENSAYADA

Herraje oscilobatiente referencia: **9000**

El herraje, para los ensayos mecánicos, se montó en una ventana de aluminio con hoja de dimensiones exteriores de (1.300 x 1.200) mm y una masa de 120 kg.

ENSAYOS REALIZADOS Y RESULTADOS

Los ensayos realizados y sus resultados son los siguientes:

Durabilidad (15.000 ciclos oscilobatientes y 5.000 ciclos batientes)	SATISFACTORIO
Carga adicional (1.000 N)	SATISFACTORIO
Ensayo de obstáculo exterior	SATISFACTORIO
Ensayo de obstáculo interior	SATISFACTORIO
Resistencia a la corrosión	GRADO 3 (96 h)

Ensayos según EN 13126-8:2006, excepto ensayo de corrosión, realizado según UNE-EN 1670:1999

CLASIFICACIÓN

De acuerdo con EN 13126-8:2006, el herraje se clasifica como sigue:

—	4	120	0	1	3	—	8	1300/1200
---	---	-----	---	---	---	---	---	-----------

FECHA 4 de febrero de 2008

Este documento no tiene validez sin los informes de ensayos números 16664 y 17268, en los cuales se indican los resultados obtenidos en cada ensayo.

Los resultados obtenidos en estos ensayos solo se refieren a la(s) muestra(s) analizada(s) en este Centro en la fecha indicada y no implican una característica de constancia en la calidad de la producción

Fdo: 
Asier Maiztegi
Director Dpto. Construcción



Pol. Ind. Lasao, Area Anardi, nº 5
20730 AZPEITIA (Guipúzcoa)
Tel.: 943 816800 – Fax: 943 816074
Email: cidemco@cidemco.es
http://www.cidemco.es

Test Certificate

COMPANY	TOVIC, S.L.
ADDRESS	Ctra. León-Benavente, km.8 24231 ONZONILLA (LEÓN)
CERTIFICATE No.	16664-17268

SAMPLE TESTED

Tilt & turn fitting reference no.: **9000**

For the mechanical tests, the fitting was fitted in an aluminium window with a sash with outer dimensions measuring (1,300 x 1,200) mm and a mass of 120 kg.

TESTS CARRIED OUT AND RESULTS

The tests carried out and the results were as follows:

Durability (15,000 tilt and turn cycles 5,000 tilt cycles)	SATISFACTORY
Additional load (1,000 N)	SATISFACTORY
Reveal test	SATISFACTORY
Rebate hindrance test	SATISFACTORY
Corrosion resistance	GRADE 3 (96 h)

Tests in accordance with EN 13126-8:2006, except for the corrosion test, carried out in accordance with UNE-EN 1670:1999

CLASSIFICATION

In accordance with EN 13126-8:2006, the fitting has been classified as follows:

—	4	120	0	1	3	—	8	1300/1200
---	---	-----	---	---	---	---	---	-----------

DATE 4th of February 2008

This document is not valid without the test report in which the results obtained in each test are shown.

The results obtained in these tests only refer to the sample(s) analysed at this centre on the date shown, and do not involve a sample referring to production quality.

Signed: 
Asier Maiztegi
Construcción Dept. Manager

RECUBRIMIENTO METÁLICO / METALLIC COATING / COUCHE MÉTALLIQUE

Tras el tratamiento de limpieza de la pieza, ésta pasará por un proceso electroquímico de “recubrimiento metálico” para obtener una mayor resistencia a la corrosión se aplicará una laca transparente.

To obtain a better corrosion resistance, the piece goes through a cleaning process, then an electrochemical process of metallic coating and finally a transparent lacquered is applied on the piece.

Pour obtenir une forte résistance à la corrosion, toutes les pièces sont soumises tout d’abord à un nettoyage, puis à un procédé électrochimique de couche métallique et finalement elles sont laqué avec un vernis transparent.



ANODIZADO / ANODIZING / ANODISÉ

Proceso electroquímico de oxidación, el óxido de aluminio puede alcanzar una gran dureza, es muy resistente y estable a los agentes corrosivos y ambientales. No necesita mantenimiento.

Consisting of an electrochemical process of oxidation. Aluminium oxide is highly resistant and stable against corrosive agents. No need maintenance.

C’est un procédé électrochimique d’oxydation qui donne à la pièce de propriétés anticorrosion excellentes sans besoin de maintenance.



Los acabados pueden ser brillo ó mate / The finishes could be shine or mate / Le finitions serons brillant ó mat

LACADO / LACQUERED / LAQUÉ

Aplicación electrostática de pintura en polvo de resinas de polyester y secado a temperatura adecuada. Alta resistencia a la luz y a la corrosión.

Electrostatic painting application with polyester resins and correct drying that gives the piece corrosion and light resistance.

Application électrostatique de peinture de résine de polyester et postérieur séchage à une température approprié. Aussi résistant à la corrosion et la lumière.



Colores orientativos, consultar carta RAL.

Guideline colours only, please check RAL chart.

Couleurs d’orientation, consulter carte RAL.

OSCILOBATIENTE
TILT & TURN
OSCILLO BATANT





KIT OSCILO BATIENTE
TILT & TURN
KIT OSCILLO BATTANT



Ref. 9000

(PARA COMPÁS STANDARD Nº 2)
MENOS 498 mm. (PARA COMPÁS PEQUEÑO Nº 1)
MENOS 366 mm. (PARA COMPÁS MINI Nº 3)
MENOS 154 mm. (PARA COMPÁS SUPLEMENTARIO Nº 37 RECOMENDADO PARA L > 1000 mm.)
MENOS 154 mm.
MENOS 165 mm.
MENOS 161 mm.
6 - 6 mm Ø
10 mm

KIT OSCILO BATIENTE			
Nº	RFCA	DENOMINACION	CANTIDAD PIECES POR UNID.
0	9000	KIT OSCILO BATIENTE	1
1	9001	COMPÁS (PEQUEÑO)	1
2	9002	COMPÁS (STANDARD)	1
3	9101	COMPÁS (MINI)	1
4	703	CREMONA	1
5		ESCUADRA REENVIO	1
6		CERRADERO MARCO	1
7		ARRASTRE PLETINA CREMONA	1
9		CERRADERO POSICION ABATIBLE	1
10	9004	CERRADERO INFERIOR MARCO	1
11		CERRADERO MARCO POSICION ABATIBLE	1
12		RAMPA INFERIOR DE HOJA	1
13		RAMPA INFERIOR DE MARCO	1
14		TAPA VIERTEAGUAS	2
15		NUDO BISAGRA INFERIOR	1
16		PALA BISAGRA INFERIOR	1
17	9005	CUNA REGULABLE BISAGRA INFERIOR	1
18		TAPÓN BISAGRA INTERIOR	1
20		EJE BISAGRA INFERIOR	1
21		PALA BISAGRA SUPERIOR	1
22	9006	NUDO BISAGRA SUPERIOR	1
23		EJE BISAGRA SUPERIOR	1
27		ESCUADRA REENVIO PEQUEÑA	1
35	7009	CERRADERO DE HOJA	1
6		CERRADERO MARCO	1
COMPASES			
1	9001	COMPÁS (PEQUEÑO) PARA ANCHURA DE HOJA DE 380 mm A 550 mm.	1
2	9002	COMPÁS (STANDARD) PARA ANCHURA DE HOJA DE 551 mm A 1700 mm.	1
3	9101	COMPÁS MINI PARA ANCHURA DE HOJA DE 350 mm A 391 mm.	1
37	9003	COMPÁS SUPLEMENTARIO	1
38	556	COMPÁS RETENEDOR REF:556	1
ALTO MÍNIMO DE 1 HOJA 410 mm.			
ALTO MÍNIMO DE 2 HOJAS 650 mm.			

RECORTE DE GOMAS

RF:9000/3/09



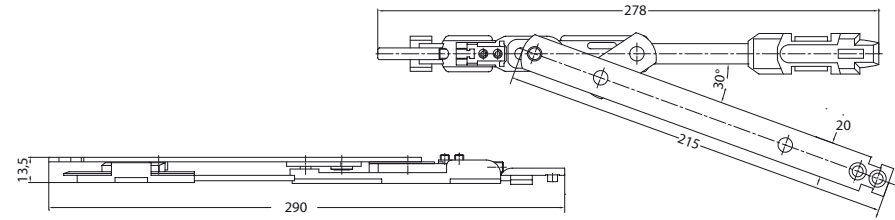
- El kit se compone de los accesorios básicos para la realización de una ventana de una hoja. Incluye plano de montaje. Peso máximo de la hoja: 120 kg.
- The kit contains the Basic accessories for the assembly of one window and assembly instructions. Maximum leafs weight: 120 kg.
- Le kit comprends quincaillerie de base pour la réalisation d'une fenêtre et des instructions de montage. Maximun poids de vantail: 120 kg.

MATERIALES
Aluminio inyectado
Nylon
Zamak
Acero inoxidable
Aluminio extrusionado

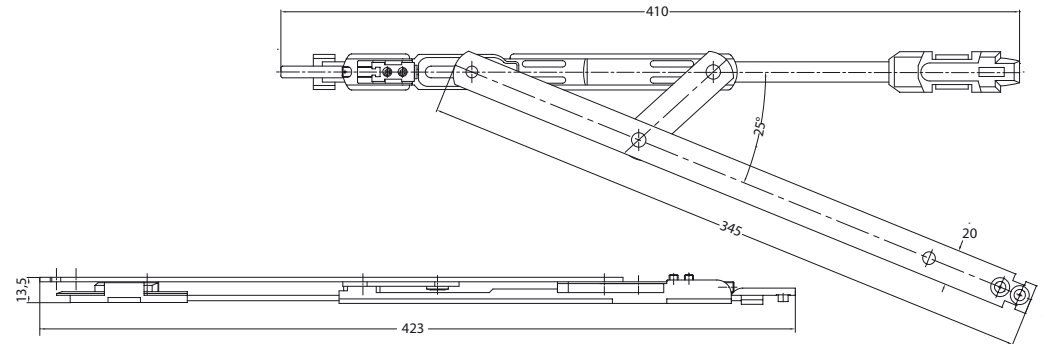
MATERIALS
Die-cast aluminium
Nylon
Zamak
Stainless steel
Aluminium extruded

MATÉRIELS
Aluminium moulé sous pression
Nylon
Zamak
Acier inoxydable
Aluminium extrusioné

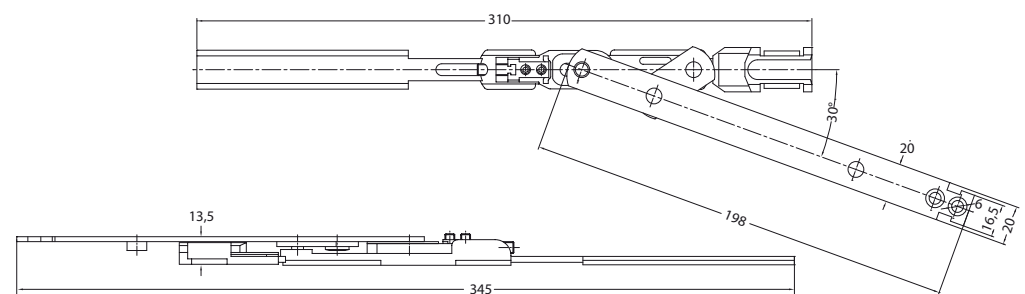
COMPASES OSCILO BATIENTE
TILT & TURN ARM
COMPAS OSCILLO BATTANT



Ref. 9001 (de 390 a 550 mm.)



Ref. 9002 (de 551 a 1.700 mm.)



Ref. 9101 (de 350 a 391 mm.)



🇪🇸 Compases oscilo batientes.

🇬🇧 Arm for tilt & turn.

🇫🇷 Compas pour le système oscillo battant.

MATERIALES

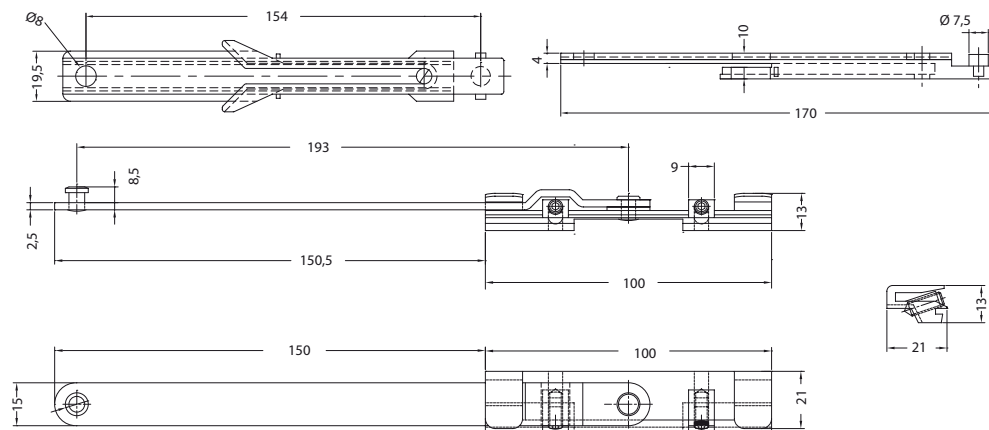
Zamak
Acero inoxidable
Aluminio extrusionado

MATERIALS

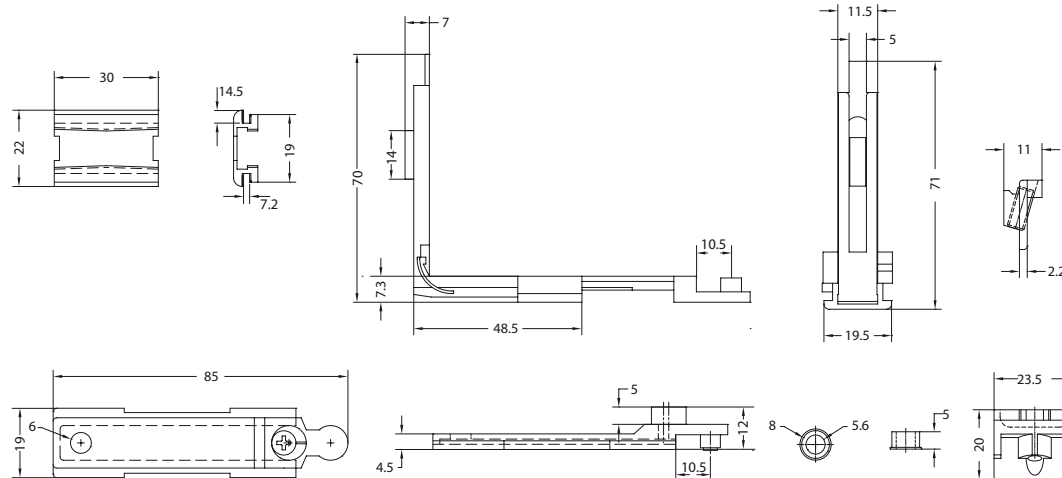
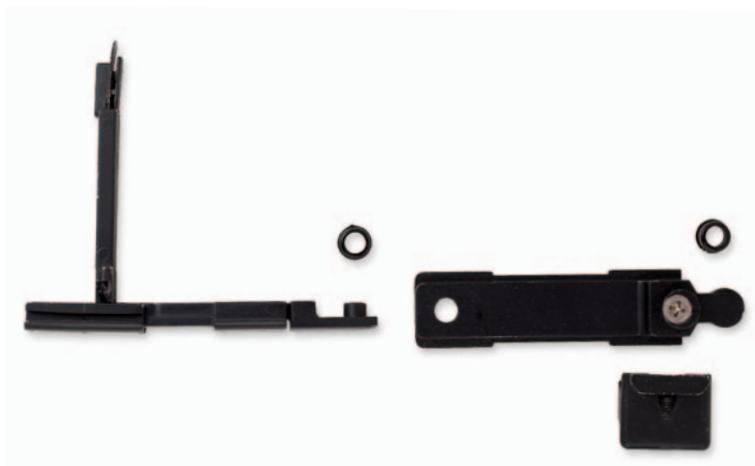
Zamak
Stainless steel
Aluminium extruded

MATÉRIELS

Zamak
Acier inoxydable
Aluminium extrusioné



Ref. 9003 (L>1000 mm)



Ref. 7009 Kit cierre suplementario



■ Compases suplementarios recomendados para ventanas oscilo batientes de más de 1000 mm de ancho de hoja y punto de cierre suplementario vertical y horizontal.

✚ Additional arm for a leaf of more than 1000 mm width. Additional locker.

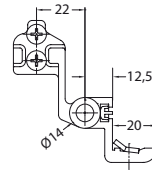
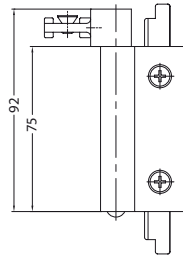
■ Compas additionnel pour des vantaux d'une largeur superieure à 1000 mm. Fermeture additionnel.

MATERIALES
 Zamak
 Acero inoxidable

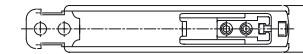
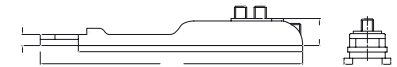
MATERIALS
 Zamak
 Stainless steel

MATÉRIELS
 Zamak
 Acier inoxydable

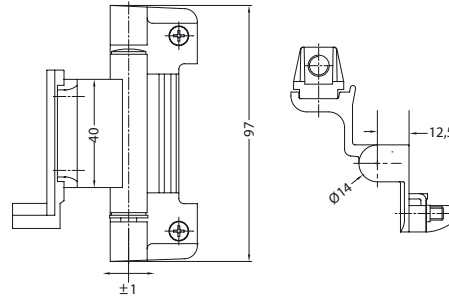
KIT HOJA PASIVA OSCILO BATIENTE
 KIT SECOND CASEMENT TILT & TURN
 KIT VANTAIL ASSOCIÉ OSCILLO BATTANT



Ref. 9006



Ref. 9011



Ref. 9005



Juego de bisagras de segunda hoja oscilo batiente.

Pair of hinges for second casement tilt & turn.

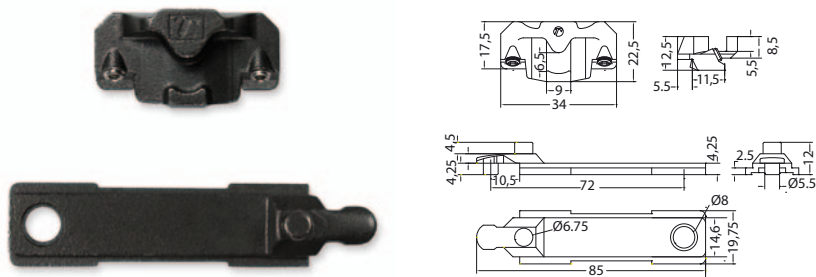
Paumelle pour le vantail associé oscillo battant.

MATERIALES
 Aluminio extrusionado
 Zamak
 Acero inoxidable
 Latón inyectado

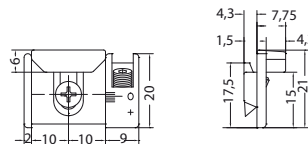
MATERIALS
 Aluminium extruded
 Zamak
 Stainless steel
 Die-cast brass

MATÉRIELS
 Aluminium extrusé
 Zamak
 Acier inoxydable
 Laiton injecté

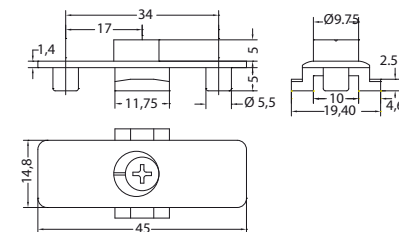
MICRO VENTILACIÓN



50 **Ref. 9012**

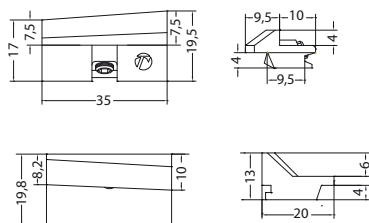


100 **Ref. 6-R**



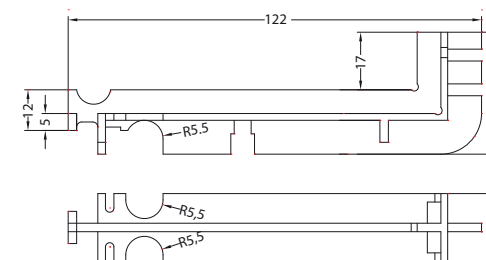
100 **Ref. 500**

BISAGRA OCULTA



100 **Ref. 9008**

PLANTILLA DE MONTAJE OSCILO BATIENTE



100 **Ref. 9099**



- Microventilación. Bisagra oculta. Plantilla de montaje oscilo batiente.
- ✦ Microventilation device. Adjustable fastening element. Assambling guide.
- Microventilation. Paumelle cachée. Pièce d'assmblage.

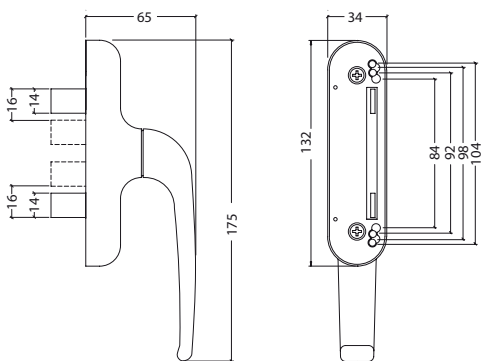
MATERIALES
 Zamak
 Nylon

MATERIALS
 Zamak
 Nylon

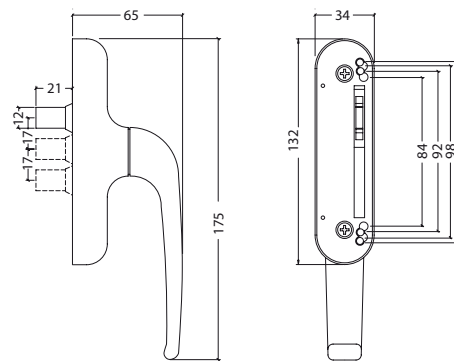
MATÉRIELS
 Zamak
 Nylon

CREMONAS
CREMONES
CRÉMONES





6 **Ref. 701 TPZ / Ref. 701 TPN**



6 **Ref. 703**



- Cremonas reversibles apertura interior de dos palas y cremonas para oscilo batientes (series 9000 y 7000).
- ✚ Cremone bolt for inwards opening and cremone bolt for tilt & turn (9000 & 7000 series).
- Crémone pour ouverture intérieure et pour le système oscillo battant (series 9000 et 7000).

MATERIALES

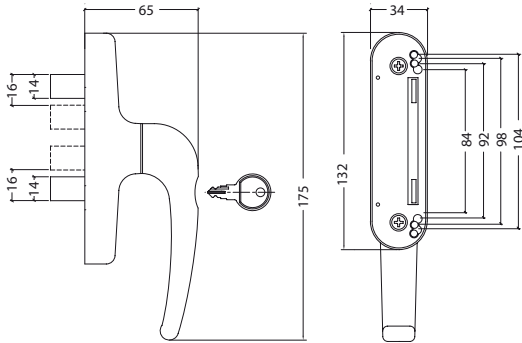
Zamak
 Nylon
 Aluminio inyectado
 Acero inoxidable

MATERIALS

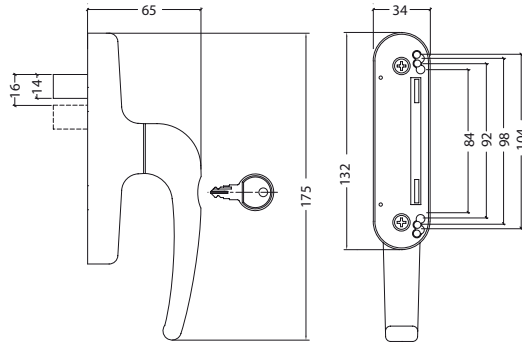
Zamak
 Nylon
 Die-cast aluminium
 Stainless steel

MATÉRIELS

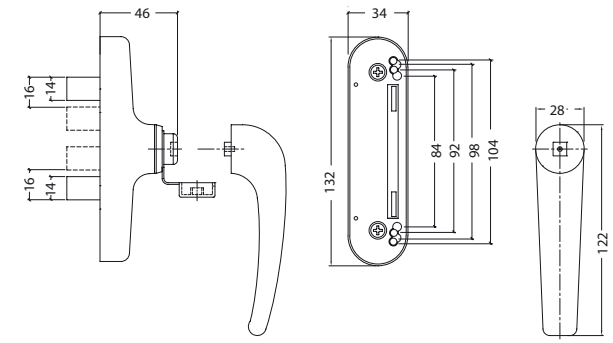
Zamak
 Nylon
 Aluminium moulé sous pression
 Acier inoxydable



6 **Ref. 710**



6 **Ref. 705**



6 **Ref. 712-C**

10 **Ref. 712-M**



- Cremonas reversibles apertura interior con cerradura y sin manilla.
- Cremone bolt for inwards opening with cylinder, without handle.
- Crémone pour ouverture intérieure avec cylindre, sans poignée.

MATERIALES

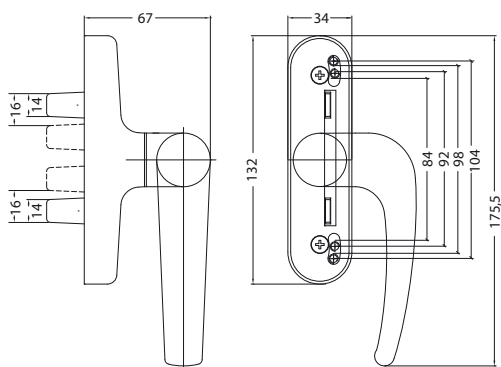
Zamak
 Nylon
 Aluminio inyectado
 Acero inoxidable

MATERIALS

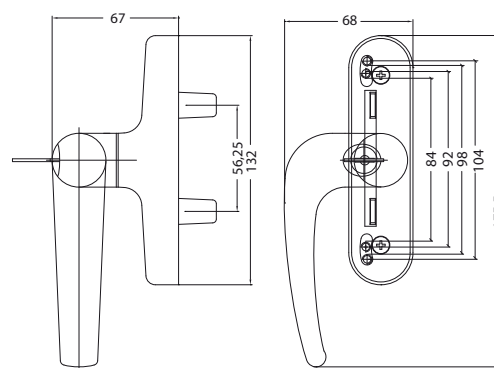
Zamak
 Nylon
 Die-cast aluminium
 Stainless steel

MATÉRIELS

Zamak
 Nylon
 Aluminium moulé sous pression
 Acier inoxydable



Ref. 714



Ref. 715



- Cremonas muro cortina con llave y sin llave.
- ✠ Cremone for curtain wall. With key and without key.
- Crémone pour mur rideau. Modèle avec cylindre.

MATERIALES

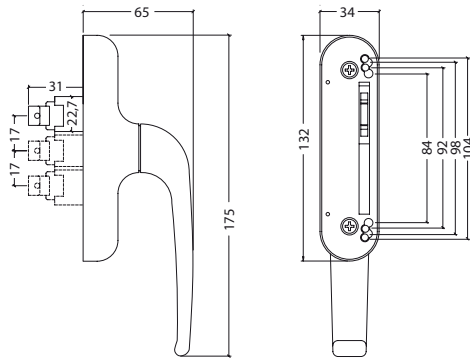
Zamak
 Nylon
 Aluminio inyectado
 Acero inoxidable

MATERIALS

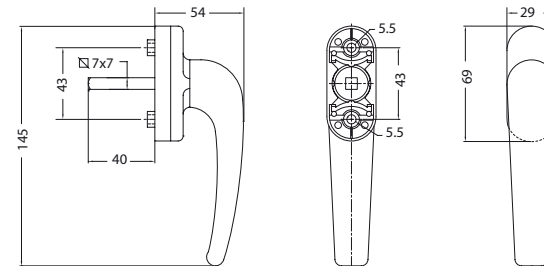
Zamak
 Nylon
 Die-cast aluminium
 Stainless steel

MATÉRIELS

Zamak
 Nylon
 Aluminium moulé sous pression
 Acier inoxydable



6 **Ref. 7033**



6 **Ref. 702**



🇪🇸 Cremonas para oscilo batiente y para corredera multipunto.

🇬🇧 Cremona bolt for tilt & turn and for sliding system.

🇫🇷 Crémone pour oscillo battant et pour le système coulissant.

MATERIALES

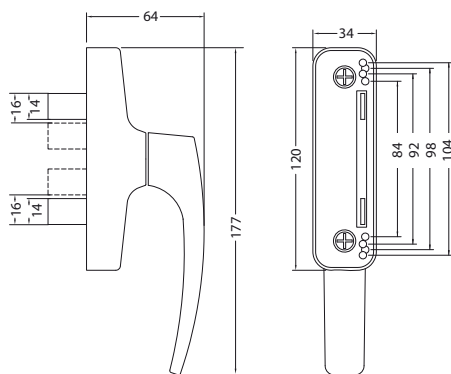
Zamak
 Nylon
 Aluminio inyectado
 Acero inoxidable

MATERIALS

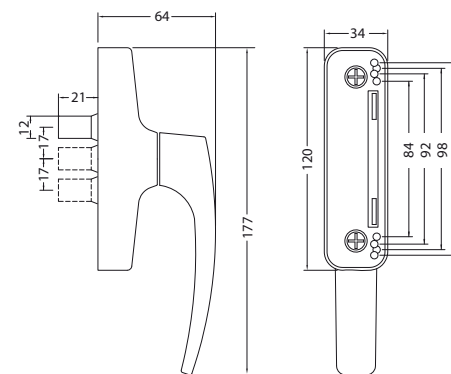
Zamak
 Nylon
 Die-cast aluminium
 Stainless steel

MATÉRIELS

Zamak
 Nylon
 Aluminium moulé sous pression
 Acier inoxydable



Ref. 707 TPZ / Ref. 707 TPN



Ref. 708



- Cremonas reversibles apertura interior de dos palas y cremonas para oscilo batientes (series 9000 y 7000).
- ✦ Cremone bolt for inwards opening and cremone bolt for tilt & turn (9000 & 7000 series).
- Crémone pour ouverture intérieure et pour le système oscillo battant (series 9000 et 7000).

MATERIALES

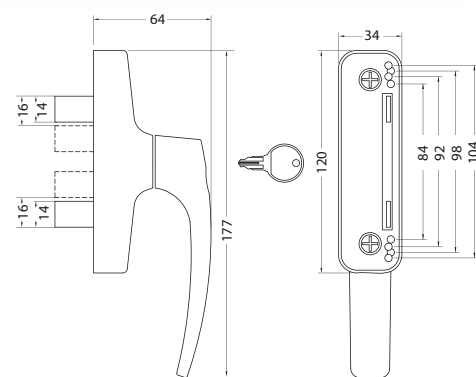
Zamak
 Nylon
 Aluminio inyectado
 Acero inoxidable

MATERIALS

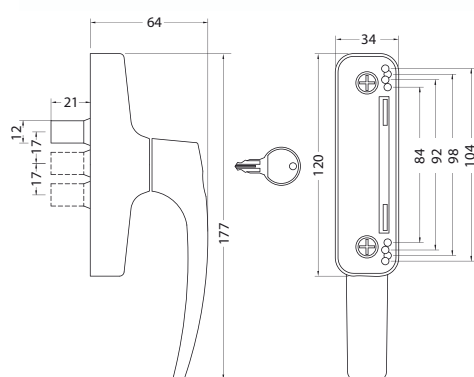
Zamak
 Nylon
 Die-cast aluminium
 Stainless steel

MATÉRIELS

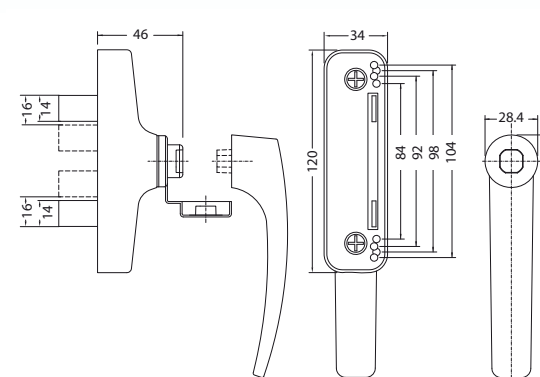
Zamak
 Nylon
 Aluminium moulé sous pression
 Acier inoxydable



Ref. 709



Ref. 711



Ref. 713 C / Ref. 713 M



- Cremonas reversibles apertura interior con cerradura y sin manilla.
- Cremone bolt for inwards opening with cylinder, without handle.
- Crémone pour ouverture intérieure avec cylindre, sans poignée.

MATERIALES

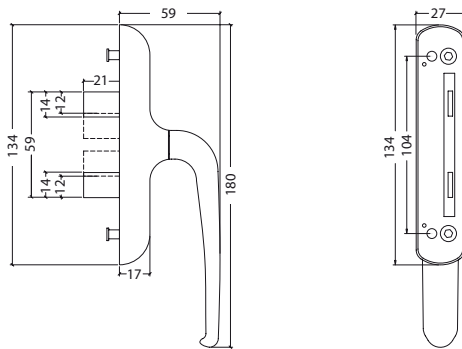
Zamak
 Nylon
 Aluminio inyectado
 Acero inoxidable

MATERIALS

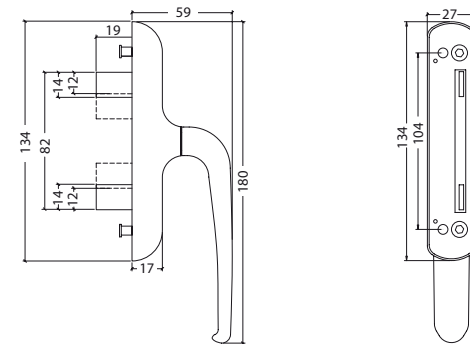
Zamak
 Nylon
 Die-cast aluminium
 Stainless steel

MATÉRIELS

Zamak
 Nylon
 Aluminium moulé sous pression
 Acier inoxydable



Ref. 601



Ref. 602



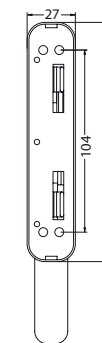
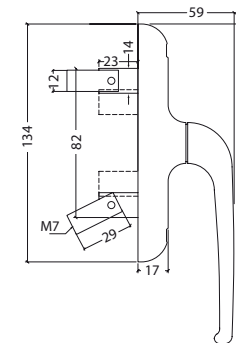
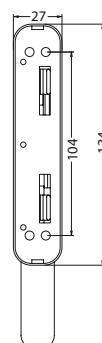
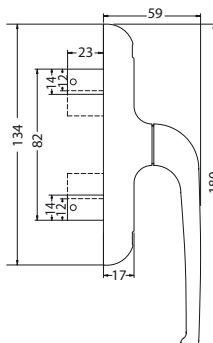
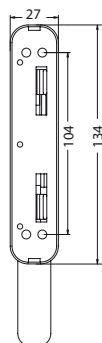
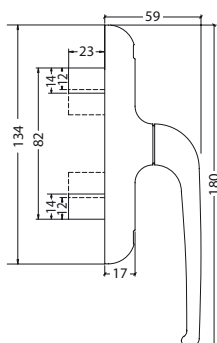
- Cremonas reversibles apertura interior.
- ✠ Cremone bolt for inward opening.
- Crémone pour ouverture intérieure.

MATERIALES
 Zamak
 Nylon
 Aluminio inyectado

MATERIALS
 Zamak
 Nylon
 Die-cast aluminium

MATÉRIELS
 Zamak
 Nylon
 Aluminium moulé sous pression

CREMONAS APERTURA EXTERIOR
EXTERNAL OPENING CREMONE BOLT
CRÉMONE OUVERTURE EXTERIEURE



6

Ref. 401



6

Ref. 402



6

Ref. 405



- Cremonas reversibles apertura exterior, con patilla taladrada con dedales.
- Cremone bolt for outwards opening with actuators drilled.
- Crémone pour ouverture extérieure avec des aileron percés.

MATERIALES

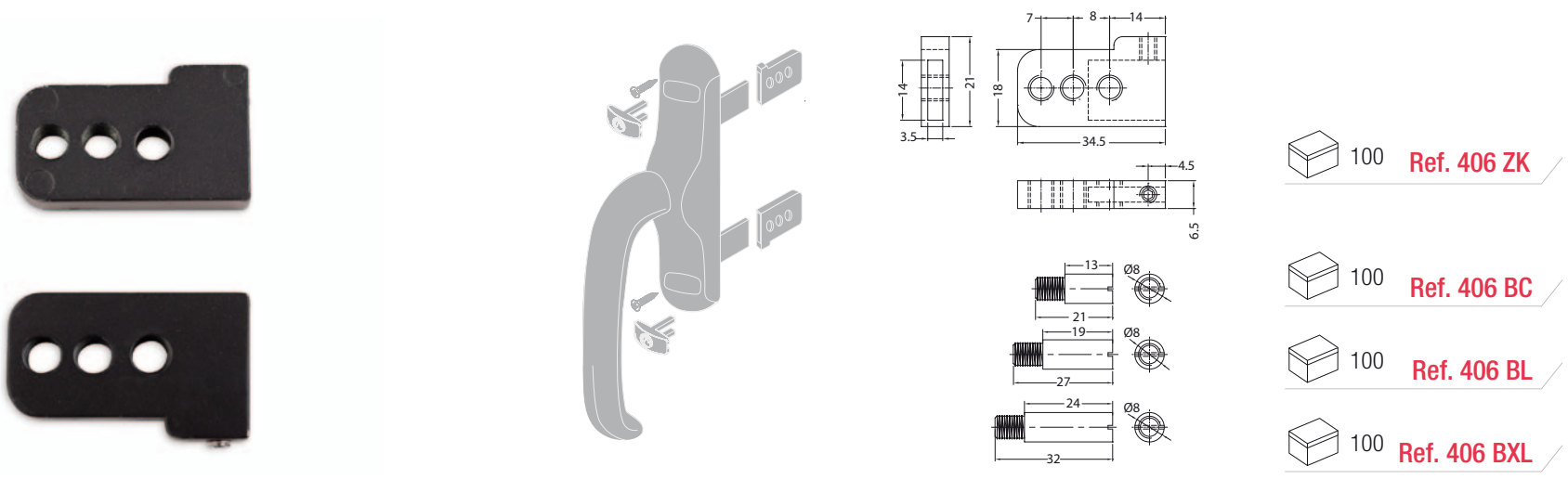
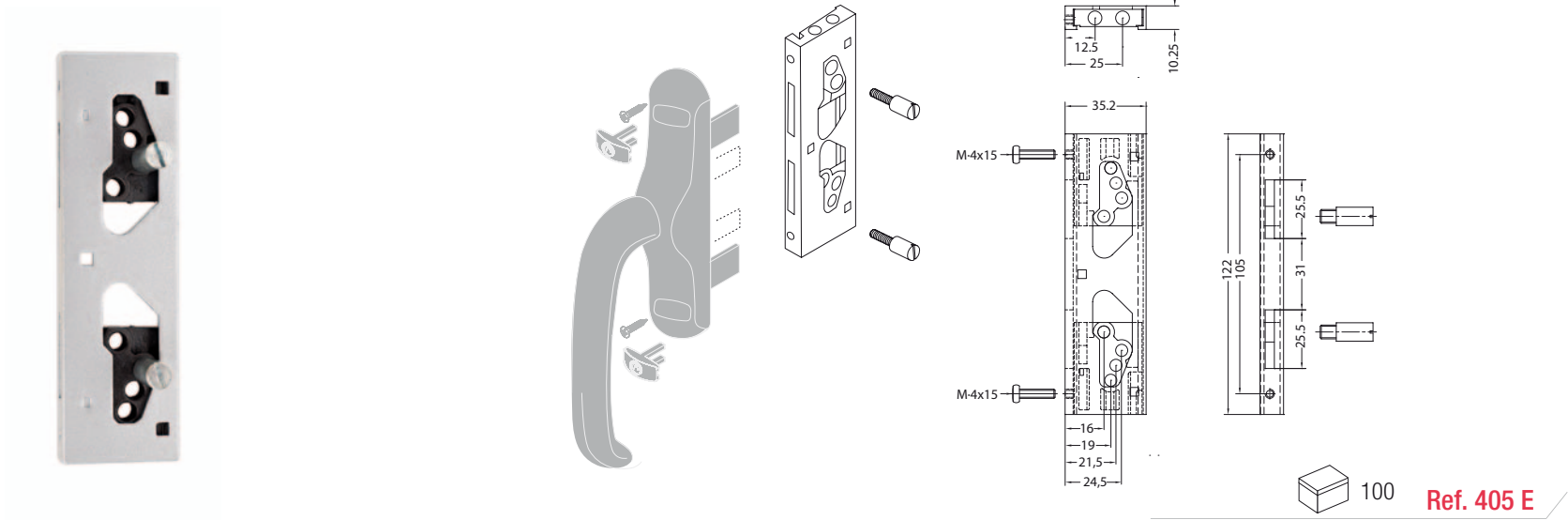
Zamak
Nylon
Aluminio inyectado

MATERIALS

Zamak
Nylon
Die-cast aluminium

MATÉRIELS

Zamak
Nylon
Aluminium moulé sous pression



- Kits completos para la apertura exterior.
- Connection kits for outward opening windows.
- Kit complete pour ouverture exterieure.

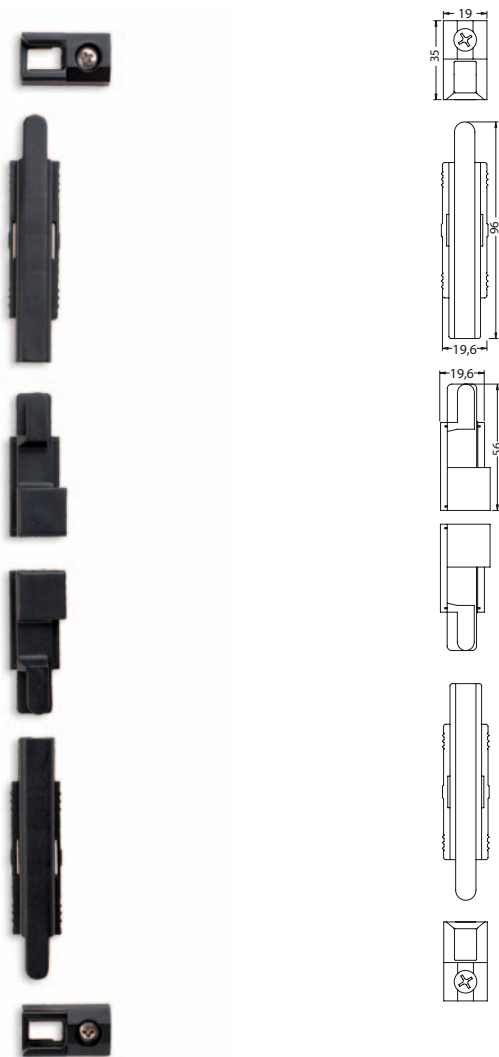
MATERIALES
 Nylon
 Aluminio extrusionado
 Zamak
 Acero

MATERIALS
 Nylon
 Aluminium extruded
 Zamak
 Steel

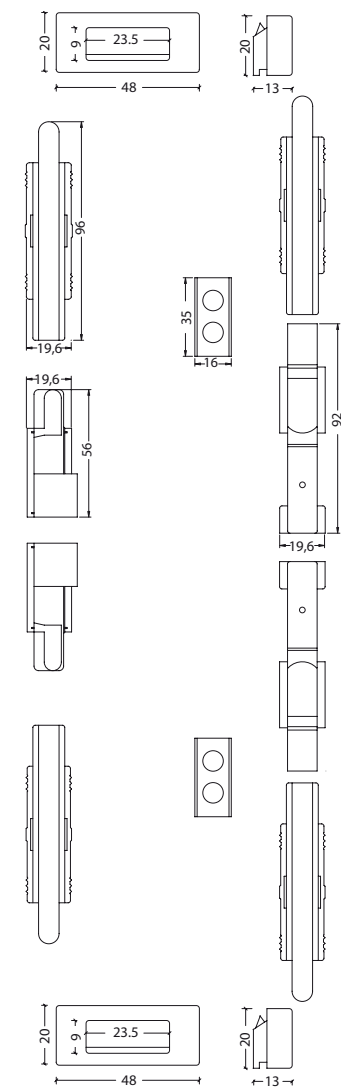
MATÉRIELS
 Nylon
 Aluminium extrude
 Zamak
 Acier

KITS PRACTICABLES Y PASADORES
KITS AND LEVER LOCKS
KITS ET VERROUS







 200 **Ref. 515**




 100 **Ref. 505**



 Kit practicable para serie europea de una y dos hojas.

 Kit for side hung windows. European groove.

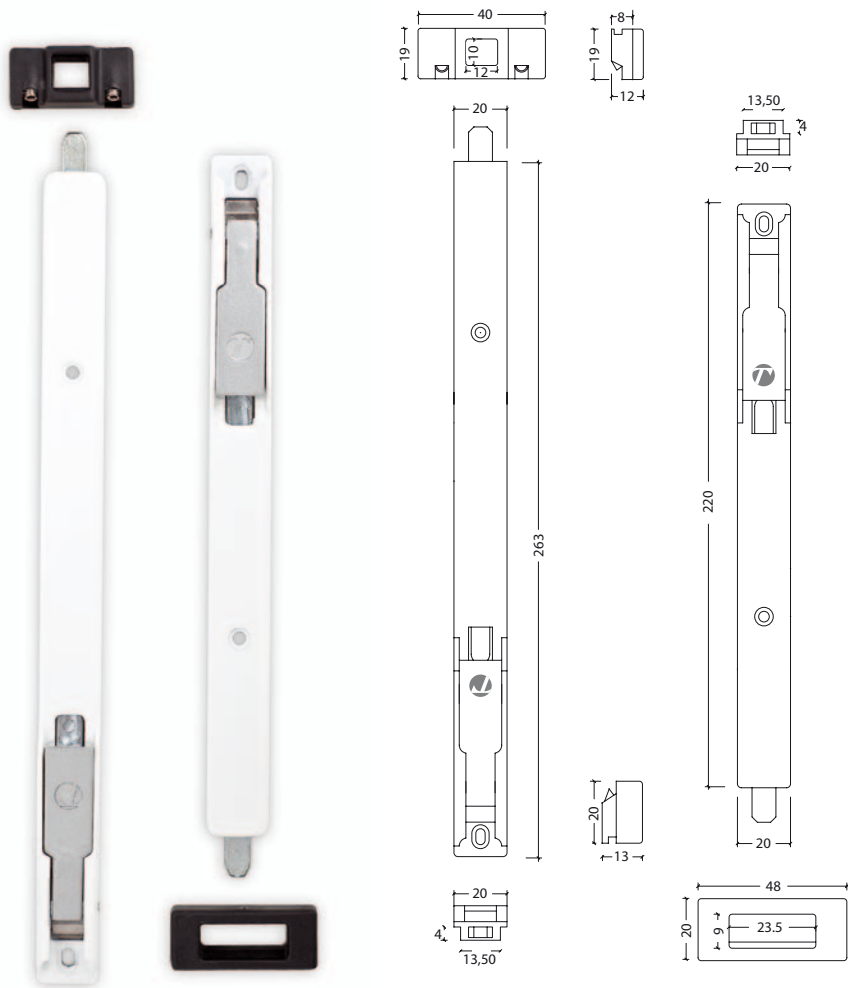
 Kit pour ouvrant à la française. Série européenne.

MATERIALES
 Nylon
 Acero inoxidable

MATERIALS
 Nylon
 stainless steel

MATÉRIELS
 Nylon
 Acier inoxydable

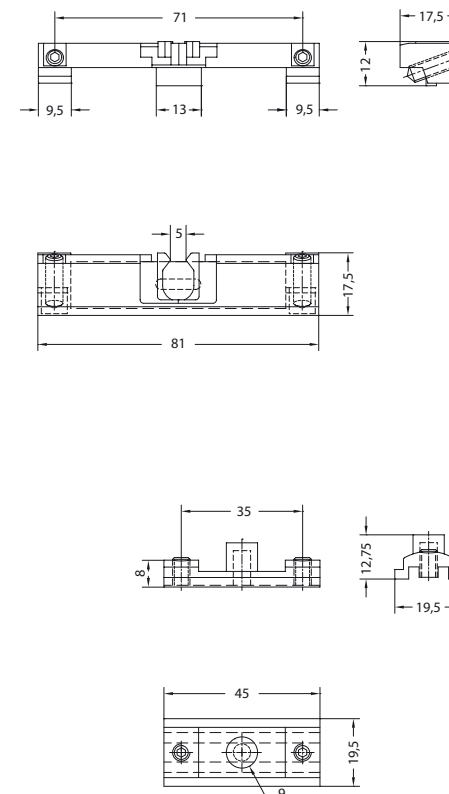
KITS PASADORES CIERRE 2ª HOJA
 LEVER LOCKS FOR SECOND CASEMENT
 VERROUS POUR VANTAIL ASSOCIÉ



8 **Ref. 706**



CLIP RETENEDOR



25 **Ref. 534**



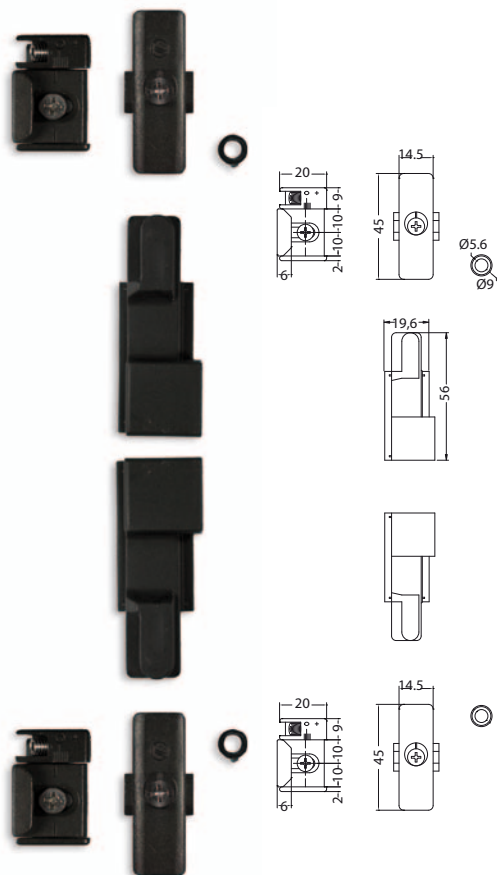
- Kit pasadores para segunda hoja de ventanas y puertas y clip retenedor.
- Kit of lever locks for second casement. Eurogrove retention clip.
- Kit verrous à lever pour vantail associé. Clip de retenue.

MATERIALES
 Zamak
 Nylon
 Acero inoxidable

MATERIALS
 Zamak
 Nylon
 Stainless steel

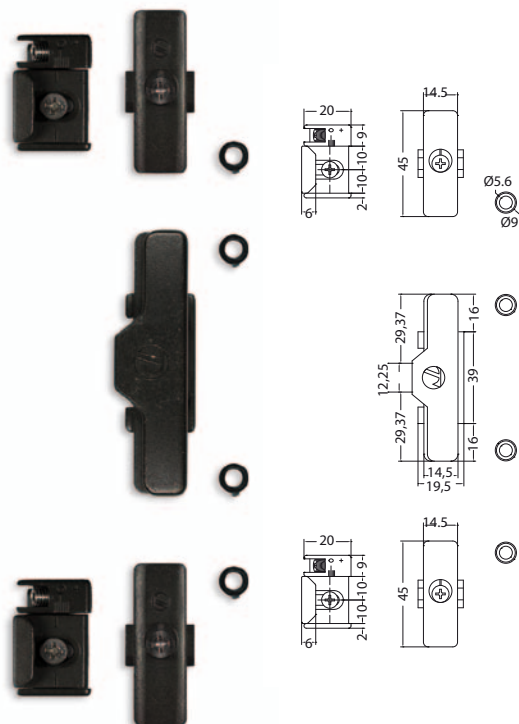
MATÉRIELS
 Zamak
 Nylon
 Acier inoxydable

KIT SERIE EUROPA
 2 PATILLAS



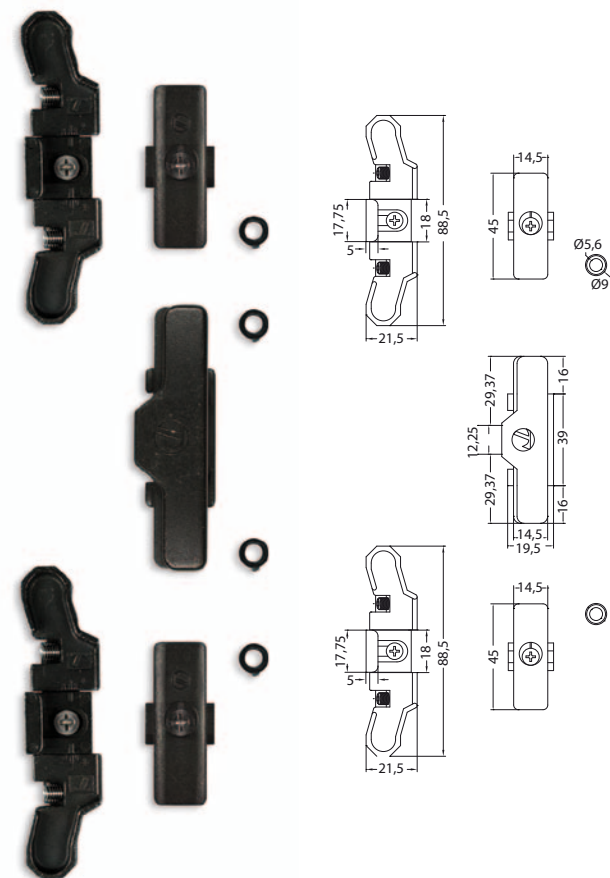
200 **Ref. 535**

KIT SERIE EUROPA
 1 PATILLA



200 **Ref. 536**

KIT SERIE EUROPA
 MICROVENTILACIÓN



25 **Ref. 730**



- Kit cierre marco con una y dos patillas. Microventilación.
- ✦ Frame lock for one and two plates. Microventilation for side hung windows.
- Kits de fermeture latéral. Microventilation.

MATERIALES
 Zamak
 Nylon

MATERIALS
 Zamak
 Nylon

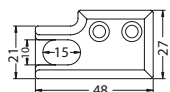
MATÉRIELS
 Zamak
 Nylon

KIT PRACTICABLE SERIE NACIONAL
 KIT FOR SIDE HUNG WINDOWS. SPANISH GROOVE
 KIT POUR OUVRANT À LA FRANÇAISE. SÉRIE ESPAGNOLE

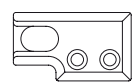
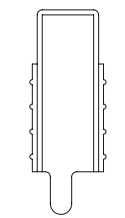
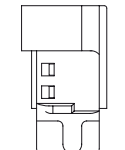
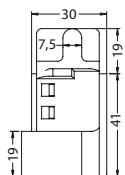
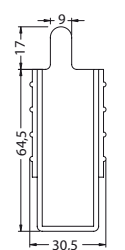


KITS

40X20 (CANAL ANCHO)
 40X20 (PROFILE)
 40X20 (PROFIL)



Ref. 104-S

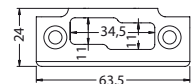
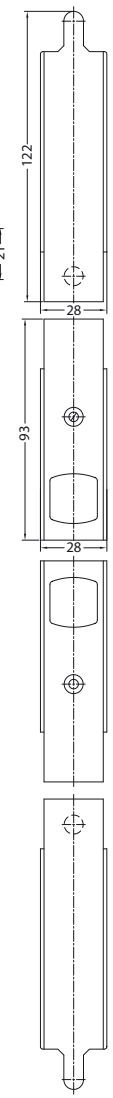
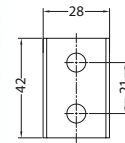


Ref. 105

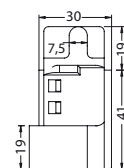
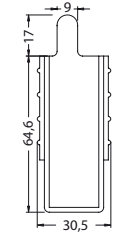
Ref. 104-I



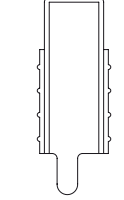
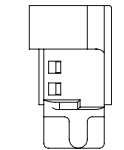
40X20 (CANAL ANCHO)
 40X20 (PROFILE)
 40X20 (PROFIL)



Ref. 124



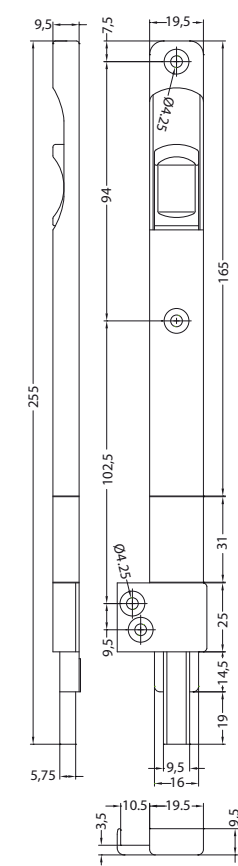
Ref. 125



Ref. 124



40X20 (CANAL ANCHO)
 40X20 (PROFILE)
 40X20 (PROFIL)

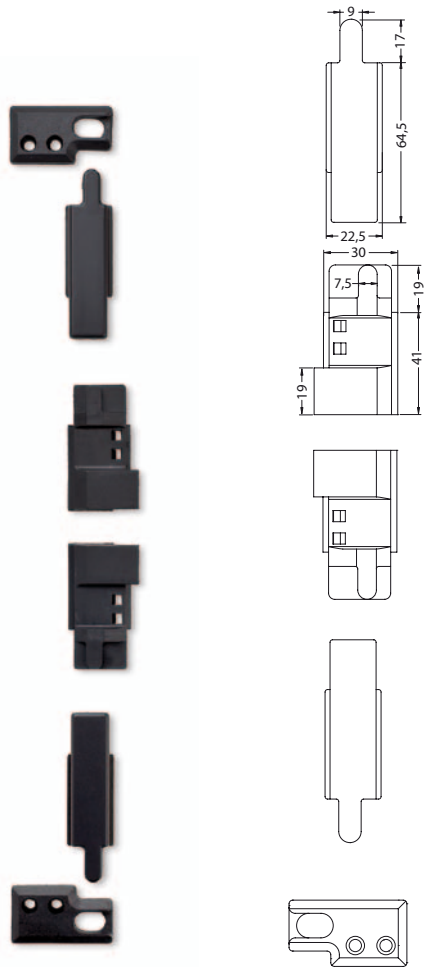
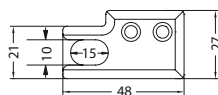


20 Ref. 4120

- Kit practicable para serie nacional de una y dos hojas.
- Kit for side hung windows one or two leaves. Spanish groove.
- Kit pour ouvrant à la française, un ou deux vantaux série Espagnole.

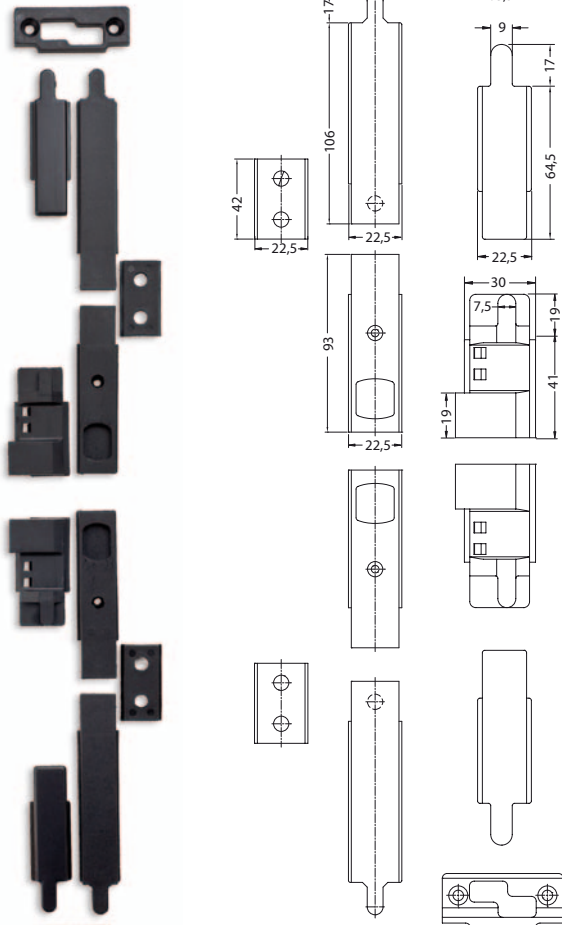
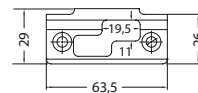
MATERIALES	MATERIALS	MATÉRIELS
Nylon	Nylon	Nylon
Zamak	Zamak	Zamak
Acero	Steel	Acier

CANAL ESTRECHO:
22mm (ZAMAK)



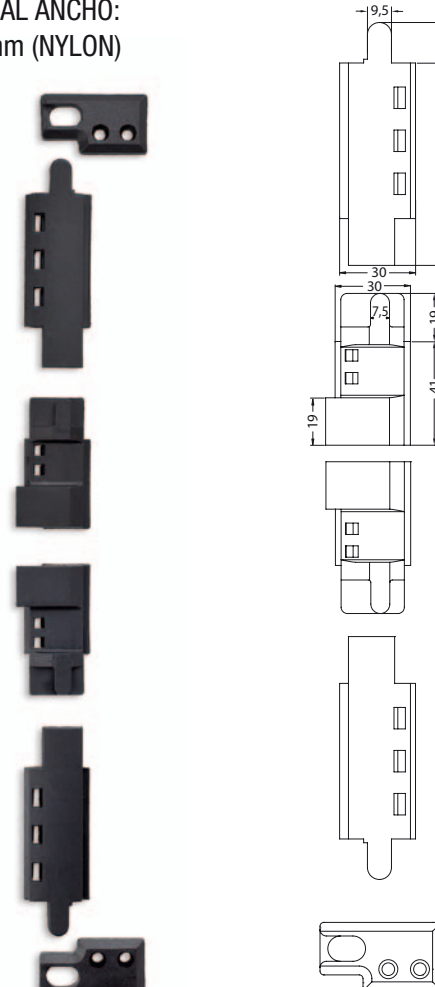
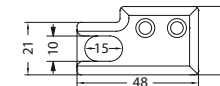
100 **Ref. 115**

CANAL ESTRECHO:
22mm (ZAMAK)



100 **Ref. 135**

CANAL ESTRECHO:
22mm
CANAL ANCHO:
28mm (NYLON)



150 **Ref. 615**



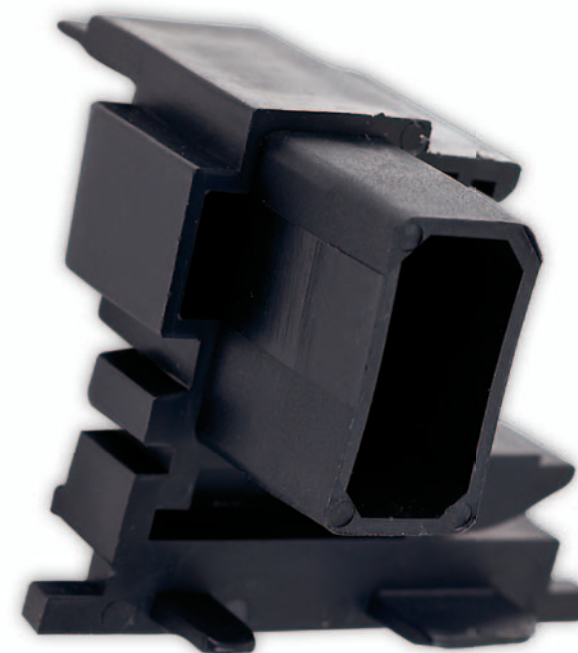
- Kit practicable para serie nacional de una y dos hojas.
- ✠ Kit for side hung windows one or two leaves. Spanish groove.
- Kit pour ouvrant à la française, un ou deux vantaux série Espagnole.

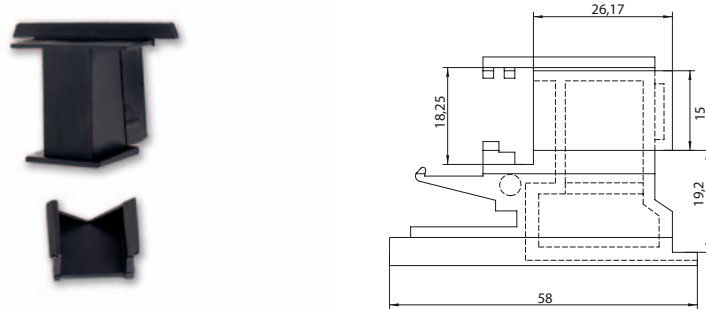
MATERIALES
Nylon
Zamak

MATERIALS
Nylon
Zamak

MATÉRIELS
Nylon
Zamak

TAPAS INVERSORAS
PLUGS
BOUCHONS

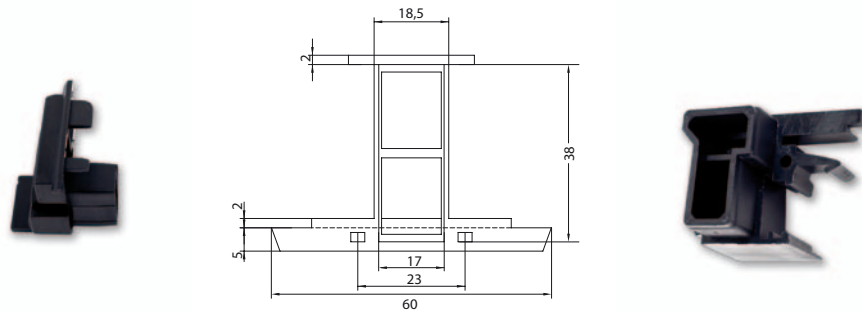




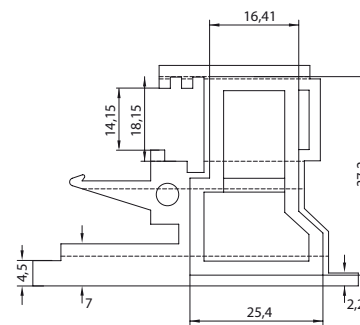
300 **Ref. 127 (40x20 mm)**



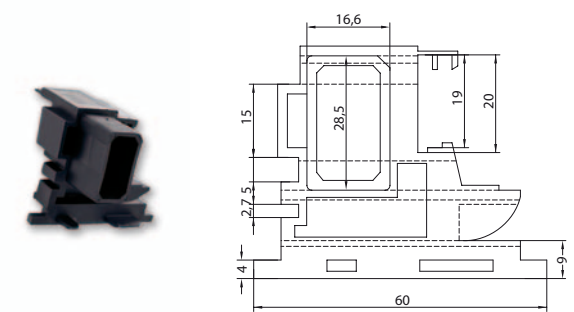
300 **Ref. 137 (40x17 mm)**



250 **Ref. 147**



250 **Ref. 157**



250 **Ref. 167**



■ Tapas para perfil central.

✚ Plugs for central rebate.

■ Bouchons pour le profile centrale.

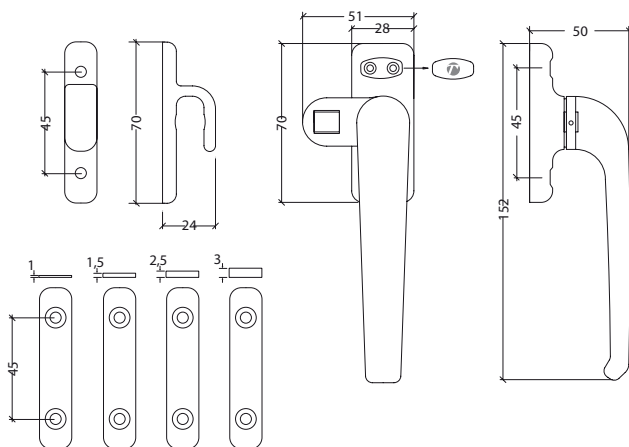
MATERIALES
Nylon

MATERIALS
Nylon

MATÉRIELS
Nylon

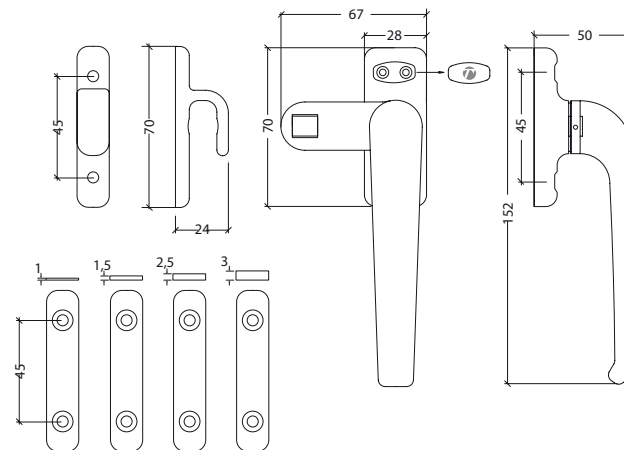
CIERRES DE PRESIÓN
REVERSIBLE CLOSING HANDLES
POIGNÉES BATTEUSES





50

Ref. 4125



50

Ref. 4126



■ Cierres de presión reversibles con rodillo. Lengüeta corta y larga. Apertura interna.

✚ Reversible closing handle. Long or short loching piece. Outside opening.

■ Poignées batteuses pour ouverture extérieure. La pièce long ou court.

MATERIALES

Zamak
Nylon
Aluminio inyectado

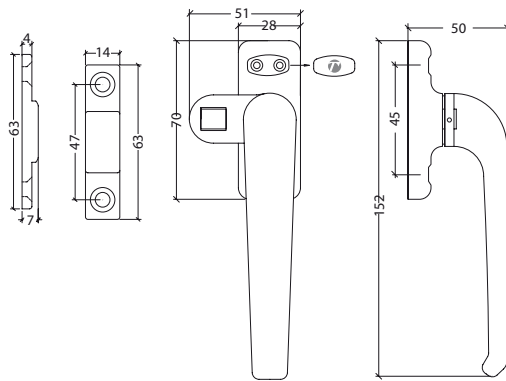
MATERIALS

Zamak
Nylon
Die-cast aluminium

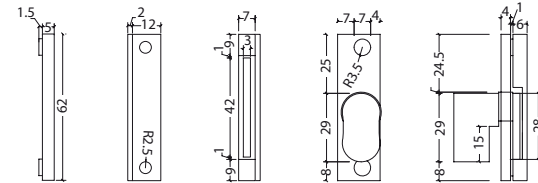
MATÉRIELS

Zamak
Nylon
Aluminium moulé sous pression

CIERRES DE PRESIÓN
REVERSIBLE CLOSING HANDLE
POIGNÉES BATTEUSES



50 **Ref. 4127**



100 **Ref. 4124**



- Cierres de presión reversibles con rodillo. Apertura externa. Cierre de presión pequeño. Apertura interna.
- Reversible closing handle. Inward or outward opening and small size.
- Poignées batteuses pour ouverture extérieure ou intérieure et petite.

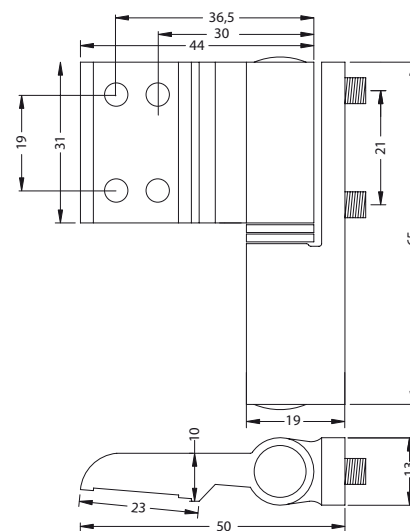
MATERIALES
Acero inoxidable
Aluminio extrusionado
Nylon

MATERIALS
Stainless steel
Aluminium extruded
Nylon

MATÉRIELS
Acier inoxydable
Aluminium extrusioné
Nylon

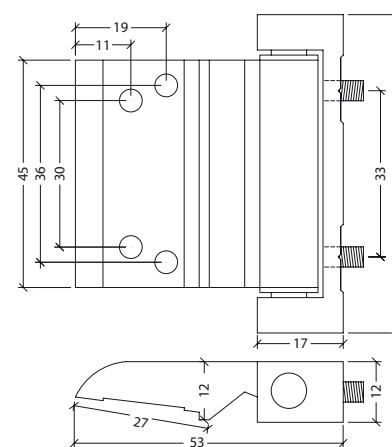
BISAGRAS PARA PUERTAS Y VENTANAS
HINGES
PAUMELLES





200

Ref. 5022



200

Ref. 5024



🇪🇸 Bisagras para contraventanas reversibles.

🇬🇧 Reversible two side hinge for shutters.

🇫🇷 Paumelle reversible pour volets.

MATERIALES

Acero inoxidable
 Aluminio extrusionado
 Nylon

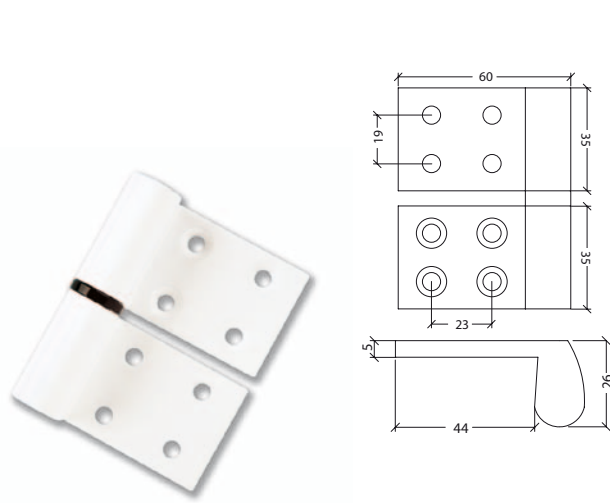
MATERIALS

Steel
 Aluminium extruded
 Nylon

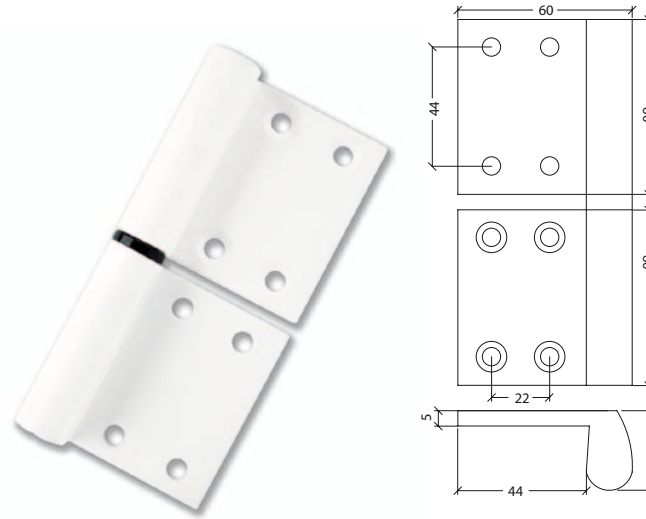
MATÉRIELS

Acier inoxydable
 Aluminium extrudé

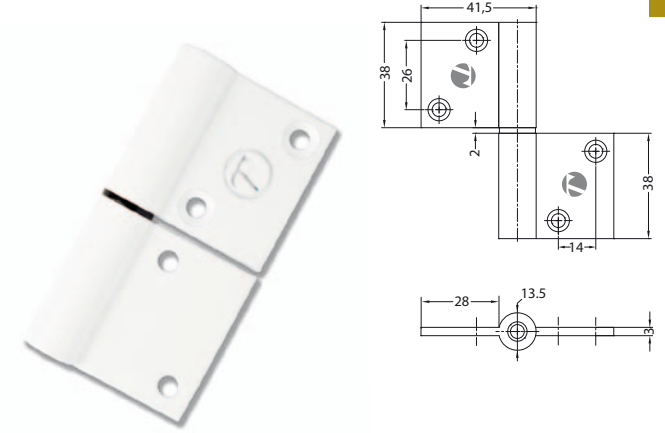
BISAGRAS PLANAS PARA PUERTAS Y VENTANAS
 HINGES FOR DOORS AND WINDOWS
 PAUMELLES POUR PORTES ET FENÊTRES



150 **Ref. 5005**



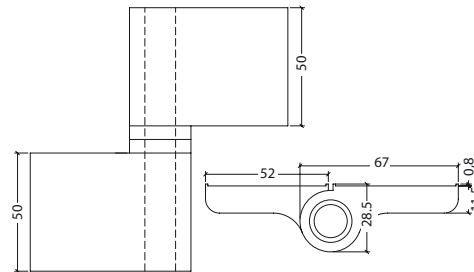
100 **Ref. 5006**



200 **Ref. 5007**



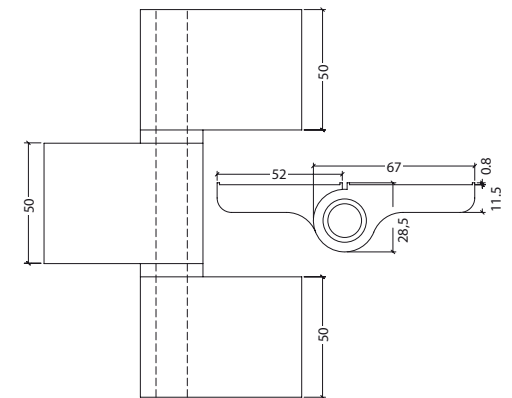
BISAGRAS PARA SOLDAR



50 **Ref. 5036**



BISAGRAS PARA SOLDAR



40 **Ref. 5035**

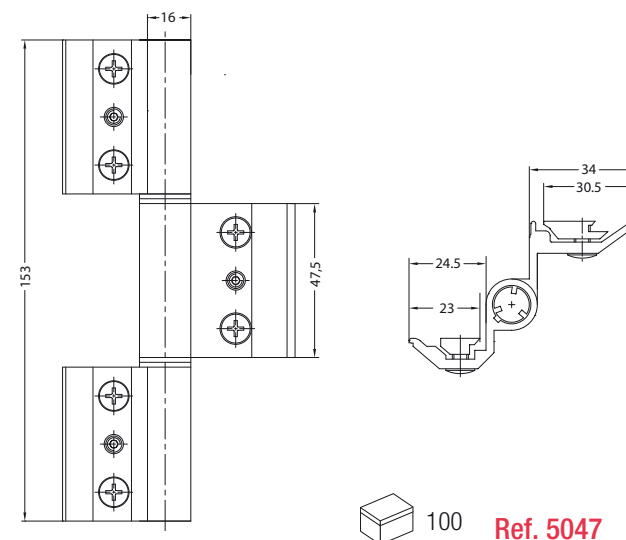
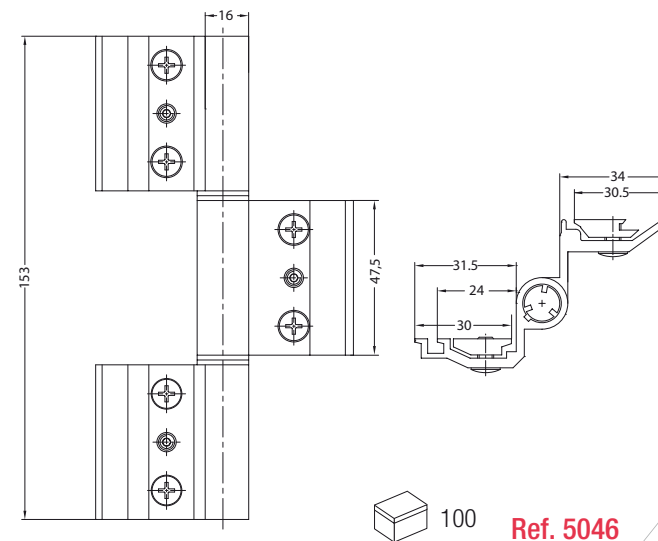


- Bisagras planas para puertas y ventanas y bisagras para soldar.
- Flat hinges for doors and windows. Hinges for welding.
- Paumelle plates pour portes et fenêtres. Paumelles pour souder.

MATERIALES
 Acero inoxidable
 Aluminio extrusionado
 Nylon

MATERIALS
 Stainless steel
 Aluminium extruded
 Nylon

MATÉRIELS
 Acier inoxydable
 Aluminium extrudé

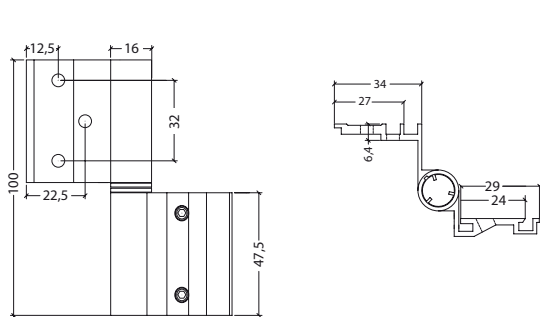


- Bisagras deslizantes ambidiestras de tres cuerpos con pletina y tornillo central para series 4000 y 6000. Carga dos bisagras: aprox. 75 kg.
- ✠ Three wing hinges for both sides. Series 4000 and 6000 Maximum capacity: aprox. 75 kg.
- Paumelles à trios ailes, droit et gauche. Séries 4000 et 6000. Capacité de charge: prox. 75 kg.

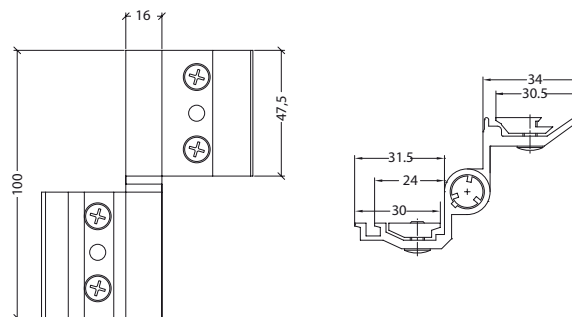
MATERIALES
 Acero inoxidable
 Aluminio extrusionado
 Nylon

MATERIALS
 Steel
 Aluminium extruded
 Nylon

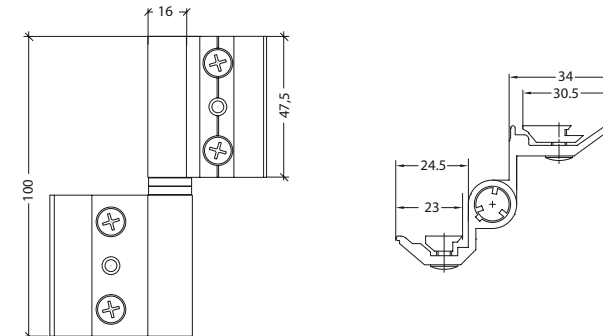
MATÉRIELS
 Acier inoxydable
 Aluminium extrusioné
 Nylon



150 **Ref. 5019 / Ref. 5019-I (EJE INOX)**



150 **Ref. 5031 / Ref. 5031-I (EJE INOX)**



150 **Ref. 5033 / Ref. 5033-I (EJE INOX)**

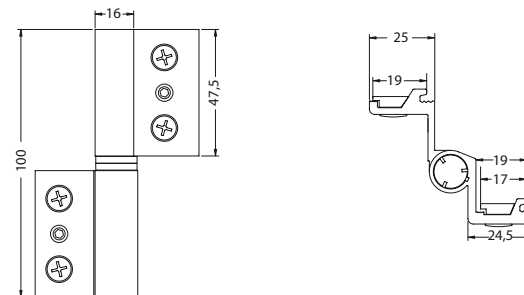


- Bisagras deslizantes reversibles de dos cuerpos para series 4000 y 6000. Carga dos bisagras: aprox. 70 kg.
- Gliding reversible hinge. Two wings. Series 4000 and 6000. Maximum capacity of two hinges: aprox. 70 kg.
- Paumelles reversibles à gliser. Deux ailes. Séries 4000 et 6000. Capacité de charge 2 paumelles: prox. 70 kg.

MATERIALES
 Acero
 Aluminio extrusionado
 Nylon
 Acero inoxidable

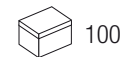
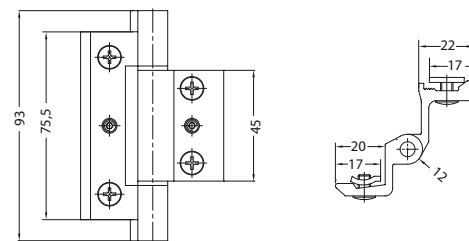
MATERIALS
 Steel
 Aluminium extruded
 Nylon
 Stainless steel

MATÉRIELS
 Acier
 Aluminium extrude
 Nylon
 Acier inoxydable



150

Ref. 5030 / Ref. 5030-I (EJE INOX)



100

Ref. 5045 (EJE INOX)



🇪🇸 Bisagras deslizantes reversibles de dos cuerpos y bisagras deslizantes ambidiestras. Carga dos bisagras: aprox. 75 kg.

🇬🇧 Two wings gliding hinge and reversible hinge. Maximum capacity of two hinges: aprox. 75 kg.

🇫🇷 Paumelles à deux ailes et à gliser et paumelle reversible. Capacité de charge 2 paumelles: prox. 75 kg .

MATERIALES

Acero
Aluminio extrusionado
Nylon
Acero inoxidable
Zamak

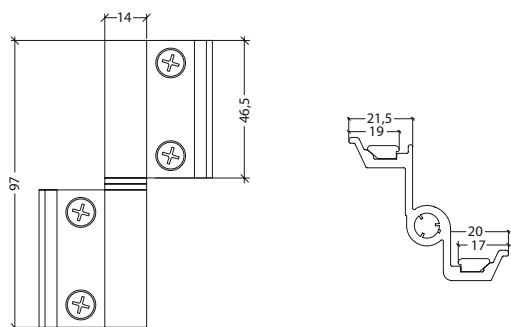
MATERIALS

Steel
Aluminium extrude
Nylon
Stainless steel
Zamak

MATÉRIELS

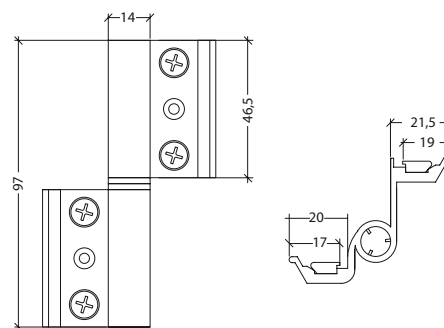
Acier
Aluminium extrude
Nylon
Acier inoxydable
Zamak

BISAGRAS DESLIZANTES SERIE EUROPEA. MONTAJE DIRECTO
 GLIDING HINGE FOR EUROPEAN GROOVE. DIRECT ASSEMBLY
 PAUMELLE À GLISER SÉRIE EUROPÉENNE À MONTAGE DIRECT



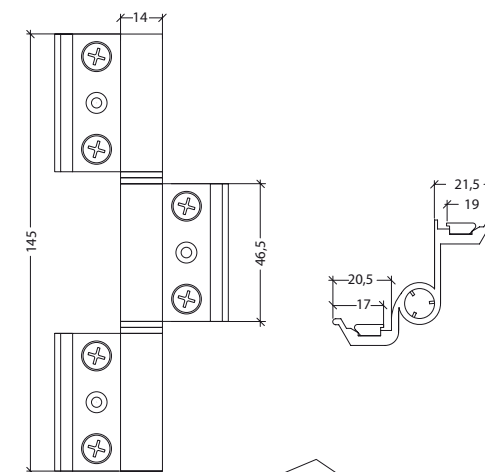
150

Ref. 5034 / Ref. 5034-I (EJE INOX)



150

Ref. 5038 / Ref. 5038-I (EJE INOX)



150

Ref. 5039



- Bisagras deslizantes reversibles de dos cuerpos. Bisagras deslizantes ambidiestras de tres cuerpos. Carga dos bisagras: aprox. 75 kg.
- ✚ Reversible gliding two or three wings hinges. Eupean groove. Maximum capacity of two hinges: aprox. 75 kg.
- Paumelles reversibles à gliser et avec deux ou trois ailes. Série européenne. Capacité de charge 2 paumelles: prox. 75 kg.

MATERIALES

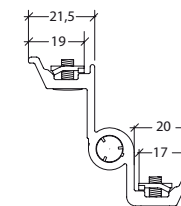
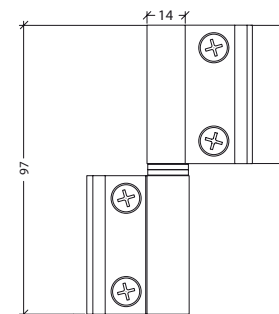
Acero
 Aluminio extrusionado
 Nylon
 Acero inoxidable
 Zamak

MATERIALS

Steel
 Aluminium extrude
 Nylon
 Stainless steel
 Zamak

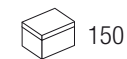
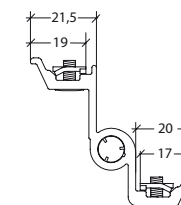
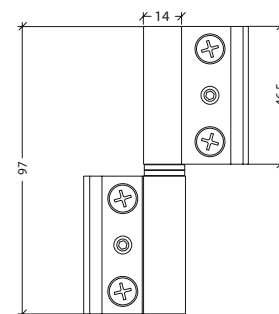
MATÉRIELS

Acier
 Aluminium extrusioné
 Nylon
 Acier inoxydable
 Zamak



150

Ref. 5040 (EJE Y PLETINAS INOX)



150

Ref. 5041 (EJE Y PLETINAS INOX)



🇪🇸 Bisagras deslizantes reversibles de dos cuerpos. Pletinas de acero inoxidable. Carga dos bisagras: aprox. 75 kg.

🇬🇧 Reversible, gliding, two wings hinges. Screws made of stainless steel. Maximum capacity of two hinges: aprox. 75 kg.

🇫🇷 Paumelles reversibles à gliser avec deux ailes. Contraplaques en acier inoxydable. Capacité de charge 2 paumelles: prox. 75 kg.

MATERIALES

Acero
 Aluminio extrusionado
 Nylon
 Zamak
 Acero inoxidable

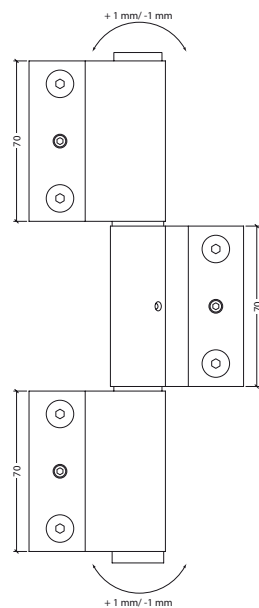
MATERIALS

Steel
 Aluminium extrude
 Nylon
 Zamak
 Stainless steel

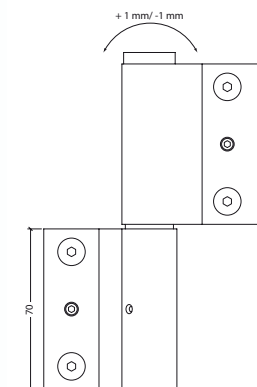
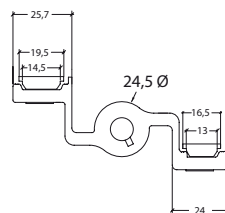
MATÉRIELS

Acier
 Aluminium extrusioné
 Nylon
 Zamak
 Acier inoxydable

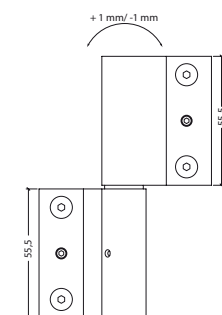
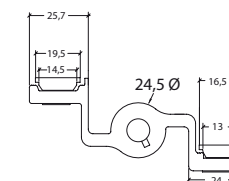
BISAGRAS DESLIZANTES SERIE EUROPEA
GLIDING HINGE. EUROPEAN GROOVE
PAUMELLE À GLISER. SÉRIE EUROPÉENNE



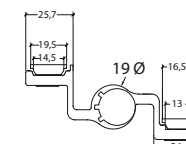
Ref. 5057



Ref. 5056



Ref. 5061

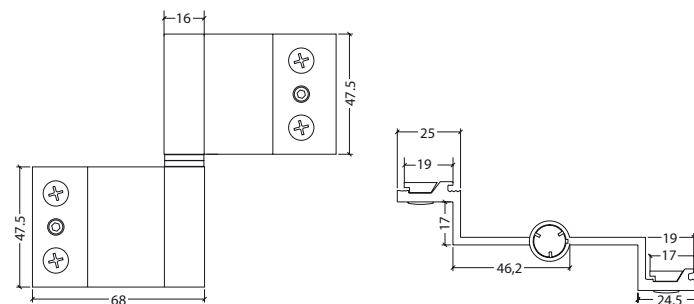


- Bisagras deslizantes reversibles de dos y tres cuerpos para puertas (con regulación ± 1 mm). Carga dos bisagras: aprox. 90 kg.
- Gliding reversible two or three wings hinges for doors. (Adjustable ± 1 mm). Maximum capacity of two hinges: aprox. 90 kg.
- Paumelles reversibles à gliser avec deux ou trois ailes. (Réglable ± 1 mm). Capacité de charge 2 paumelles: prox. 90 kg.

MATERIALES
Aluminio extrusionado
Nylon

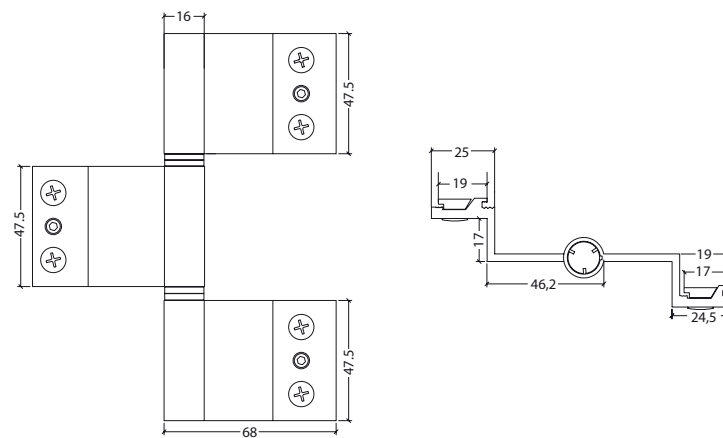
MATERIALS
Aluminium extruded
Nylon

MATÉRIELS
Aluminium extruded
Nylon



100

Ref. 5051-5051-I (EJE INOX)



60

Ref. 5052-5052-I (EJE INOX)



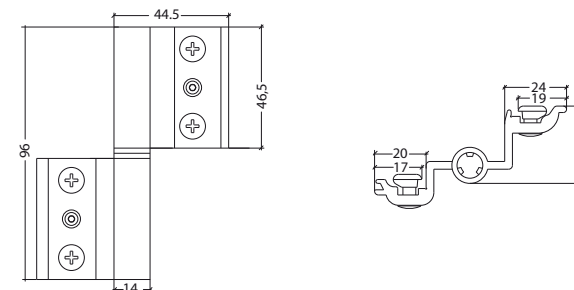
- Bisagras deslizantes reversibles de dos y tres cuerpos ambidiestras. Carga dos bisagras: aprox. 75 kg.
- ✚ Reversible, gliding, two or three wings hinges for doors. Maximum capacity of two hinges: aprox. 75 kg.
- Paumelles reversibles à gliser avec deux ou trois ailes. Capacité de charge 2 paumelles: prox. 75 kg.

MATERIALES
 Aluminio
 Nylon
 Acero
 Zamak
 Acero inox

MATERIALS
 Aluminium
 Nylon
 Steel
 Zamak
 Stainless steel

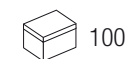
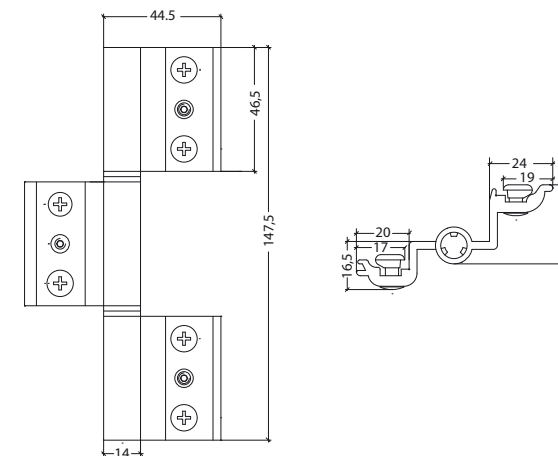
MATÉRIELS
 Aluminium
 Nylon
 Acier
 Zamak
 Acier inoxydable

BISAGRAS DESLIZANTES. APERTURA EXTERNA. SERIE EUROPEA
 HINGE FOR EXTERNAL OPENING. EUROPEAN GROOVE
 PAUMELLE D'OUVERTURE EXTÉRIEURE. SÉRIE EUROPÉENNE



150

Ref. 5053



100

Ref. 5054



- Bisagras deslizantes de dos y tres palas. Apertura externa. Carga dos bisagras: aprox. 75 kg.
- Reversible, two or three wings hinges. External opening. Maximum capacity of two hinges: aprox. 75 kg.
- Paumelle reversible avec deux ou trois ailes. Ouverture extérieure. Capacité de charge 2 paumelles: prox. 75 kg.

MATERIALES

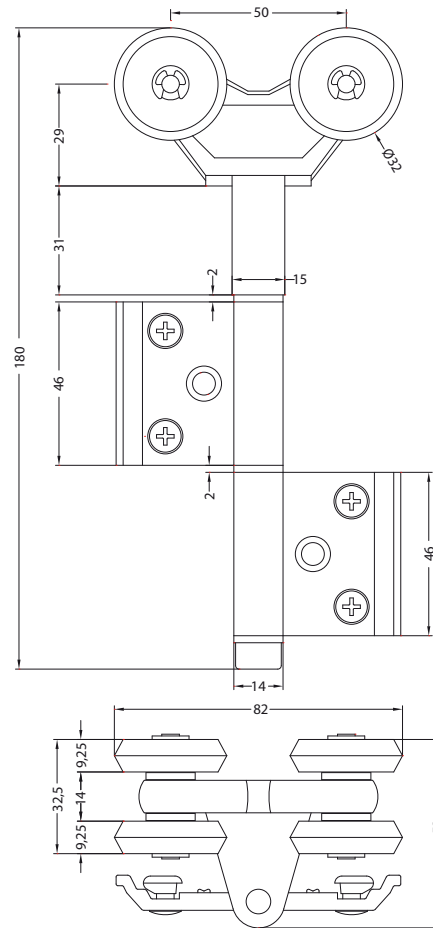
Aluminio
 Nylon
 Acero
 Zamak
 Acero inox

MATERIALS

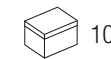
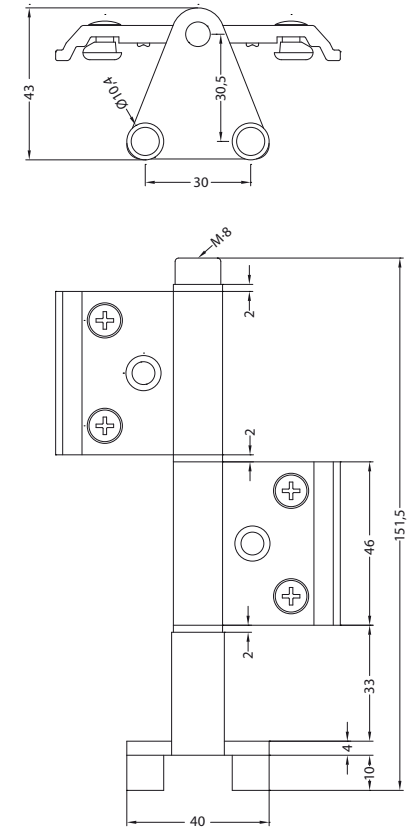
Aluminium
 Nylon
 Steel
 Zamak
 Stainless steel

MATÉRIELS

Aluminium
 Nylon
 Acier
 Zamak
 Acier inoxydable



Ref. 5049-S



Ref. 5049-I



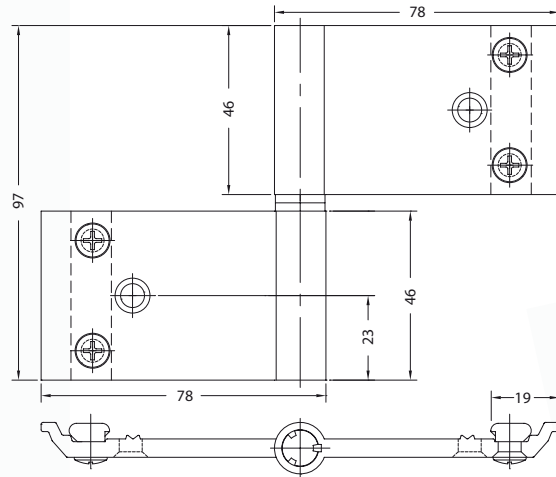
- Bisagras para puertas plegables. Capacidad: 50 kg.
- Hinges for folding system. Capacity: 50 kg.
- Paumelles pour portes pliables. Capacité: 50 kg.

MATERIALES
 Aluminio
 Nylon
 Acero inox

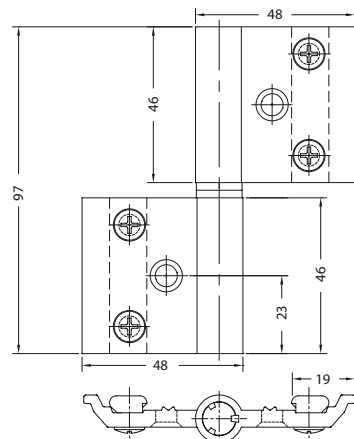
MATERIALS
 Aluminium
 Nylon
 Stainless steel

MATÉRIELS
 Aluminium
 Nylon
 Acier inoxydable

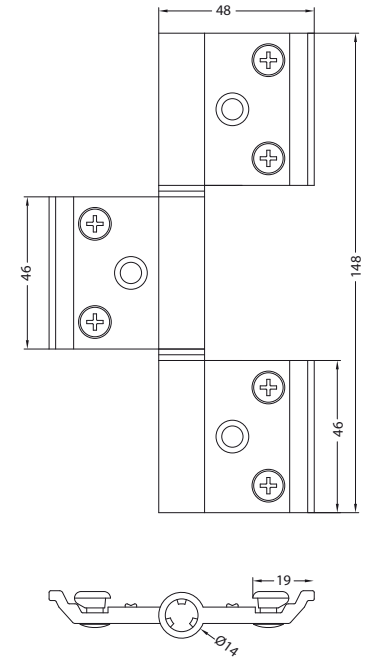
BISAGRAS DESLIZANTES DE 3ª y 4ª HOJA PARA CANAL CENTRAL
 GLIDING HINGES FOR 3TH AND 4TH LEAF
 PAUMELLE À GLISER POUR 3^{ÈME} ET 4^{ÈME} VANTAIL



100 Ref. 5048



150 Ref. 5049



100 Ref. 5070

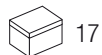
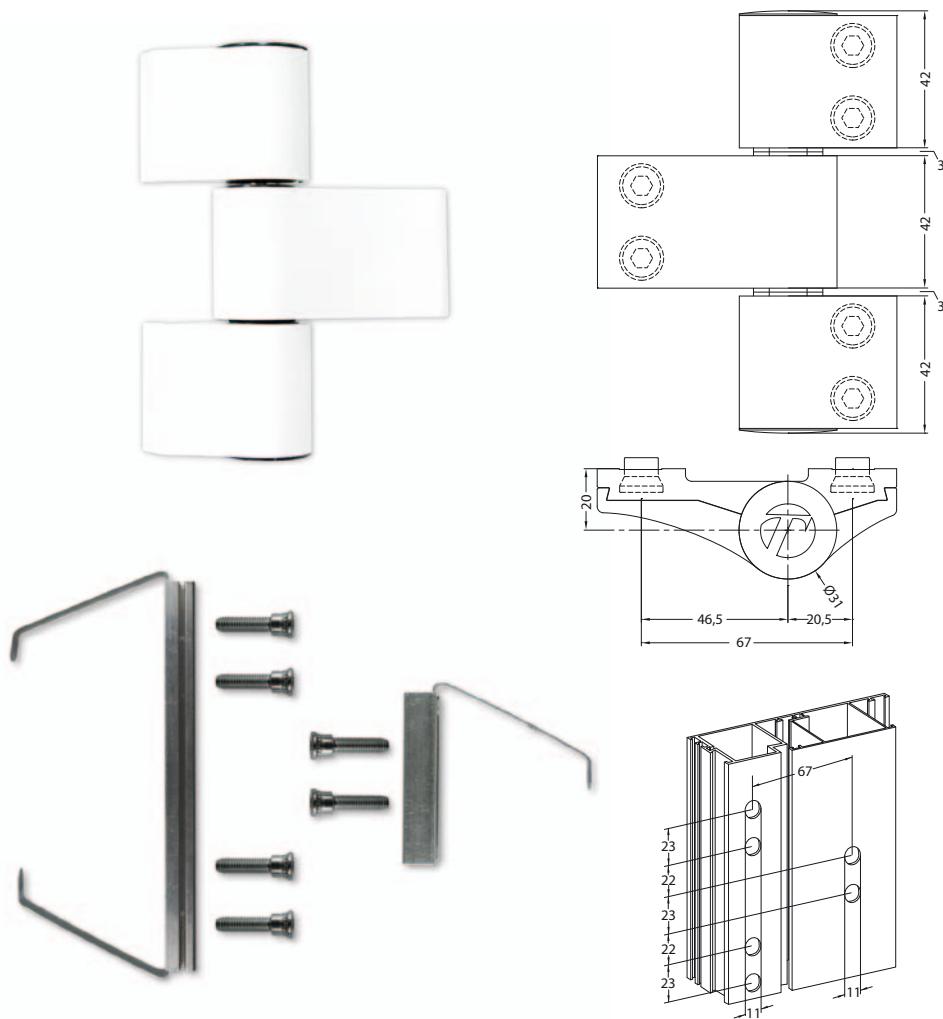


- Bisagras reversibles de dos cuerpos de 3ª y 4ª hoja.
- Gliding two wing hinge for 3TH and 4TH leafs.
- Paumelle à gliser avec deux ailes 3^{ÈME} et 4^{ÈME} vantail.

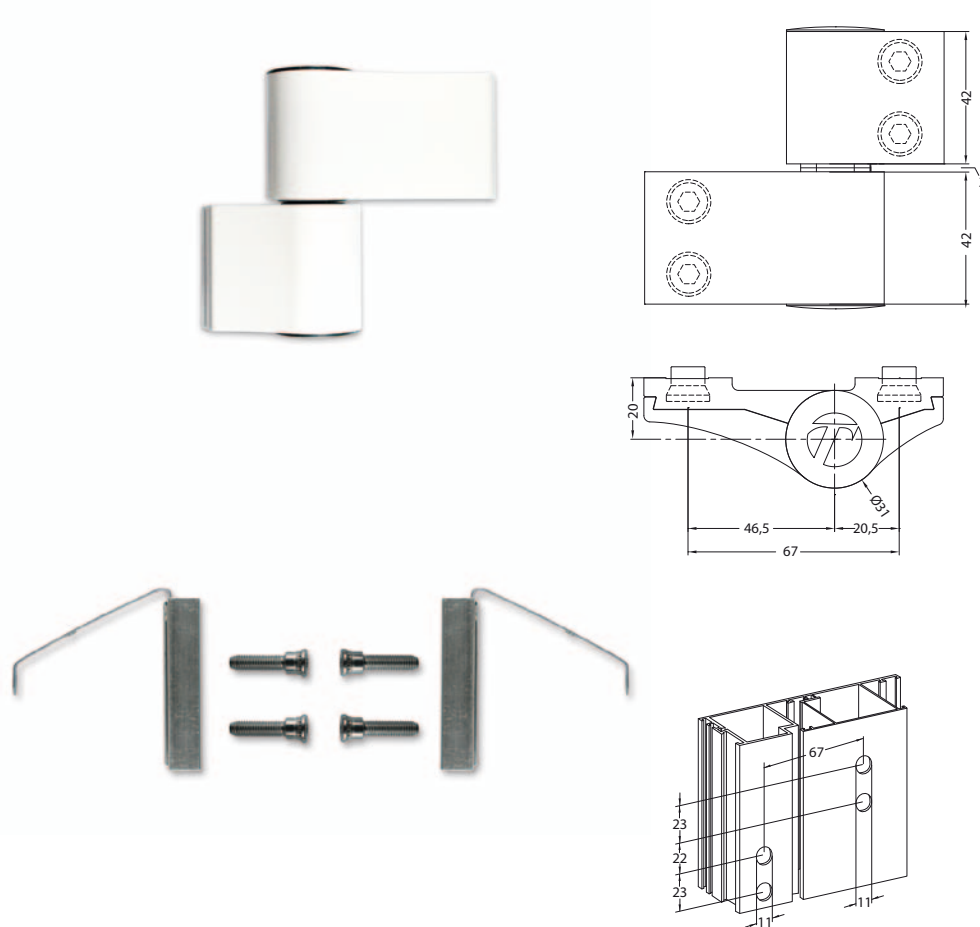
MATERIALES
 Aluminio
 Nylon
 Acero
 Zamak

MATERIALS
 Aluminium
 Nylon
 Steel
 Zamak

MATÉRIELS
 Aluminium
 Nylon
 Acier
 Zamak



Ref. 5059



Ref. 5058



🇪🇸 Bisagras superpuestas de dos y tres palas. Hasta 130 kg.

🇬🇧 3D hinges of two and three wings. Up to 130 kg.

🇫🇷 Paumelles pour portes. Deux ou trois ailes. Jusqu'à 130 kg.

MATERIALES

Aluminio
Nylon
Acero inox

MATERIALS

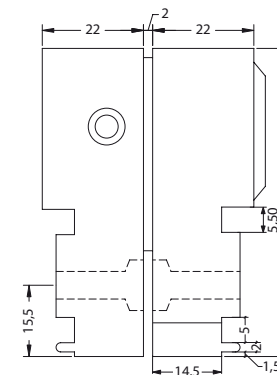
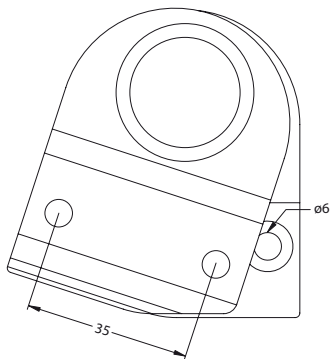
Aluminium
Nylon
Stainless steel

MATÉRIELS

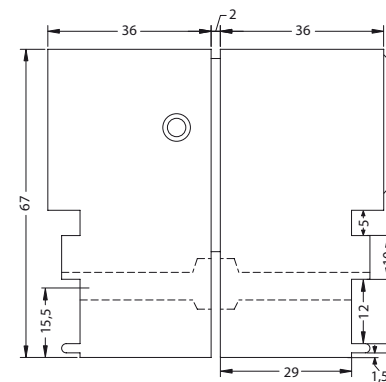
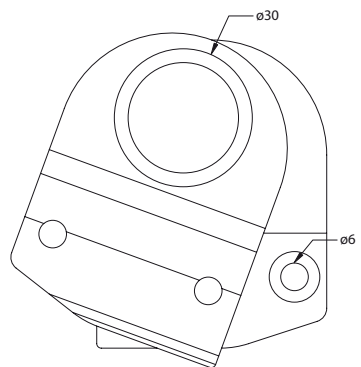
Aluminium
Nylon
Acier inoxydable

BISAGRAS PIVOTANTES
PIVOT HINGE
PAUMELLE PIVOTANT








 8 juegos **Ref. 5000**



 4 juegos **Ref. 5100**



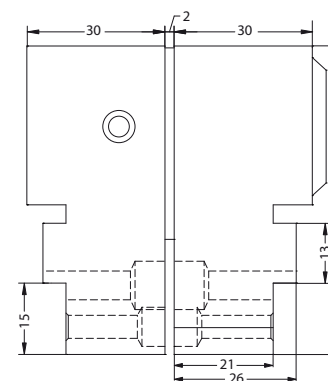
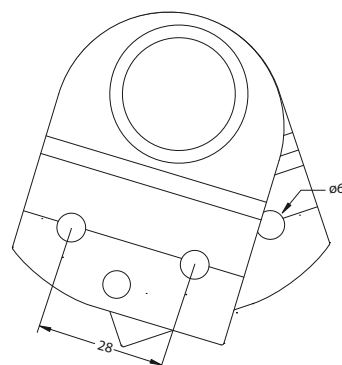
-  Bisagras de cámara europea para ventanas pivotantes. Carga dos bisagras: aprox. 80 kg.
-  European groove pivot hinge for pivot windows. Maximum capacity of two hinges: aprox. 80 kg.
-  Paumelle pivotant de profil européen pour fenêtres pivotants. Capacité de charge 2 paumelles: prox. 80 kg.

MATERIALES
 Aluminio de extrusion
 Nylon
 Acero

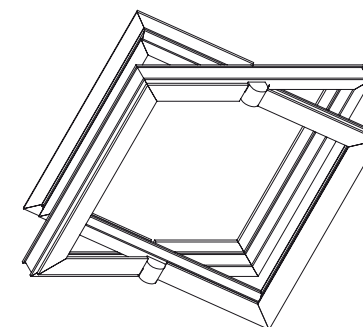
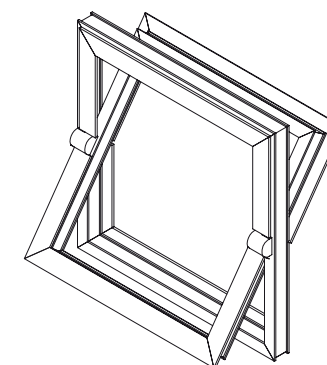
MATERIALS
 Aluminium extruded
 Nylon
 Steel

MATÉRIELS
 Aluminium extrusioné
 Nylon
 Acier

BISAGRAS PIVOTANTES PARA VENTANAS
 PIVOT HINGES FOR ROTATIVE WINDOWS
 PAUMELLE POUR FENÊTRE PIVOTANT



8 juegos **Ref. 5080**



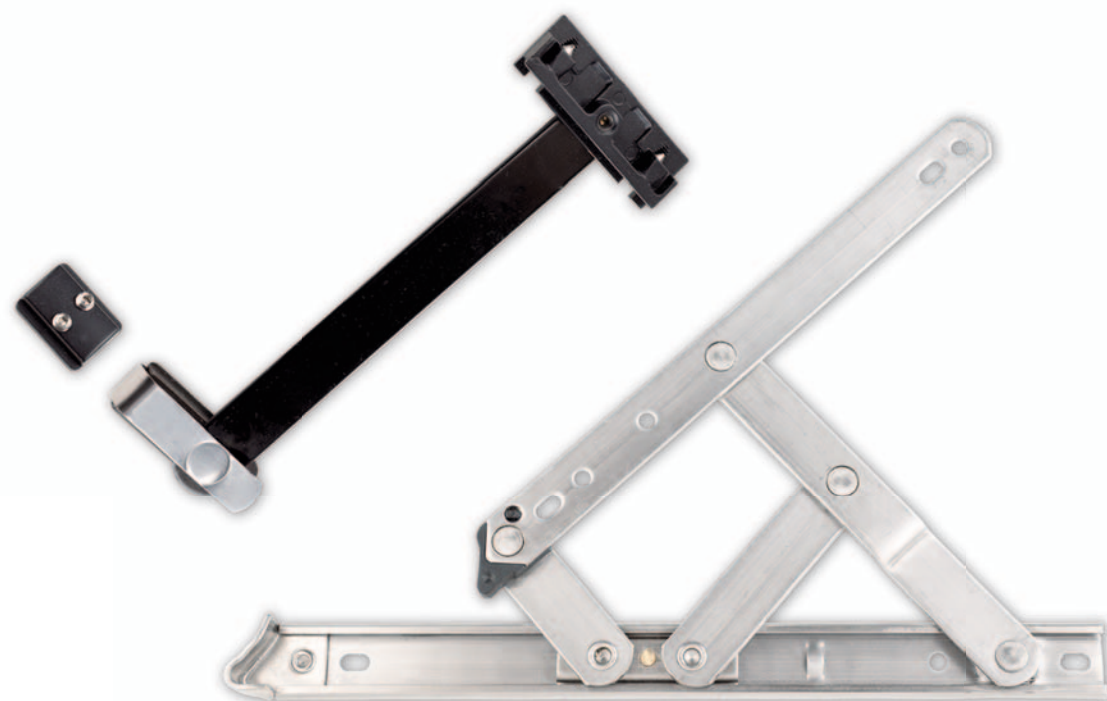
- Bisagras de cámara europea para ventanas pivotantes. Carga dos bisagras: aprox. 80 kg.
- European groove pivot hinge for pivot windows. Maximum capacity of two hinges: aprox. 80 kg.
- Paumelle pivotant de profil européen pour fenêtres pivotants. Capacité de charge 2 paumelles: prox. 80 kg.

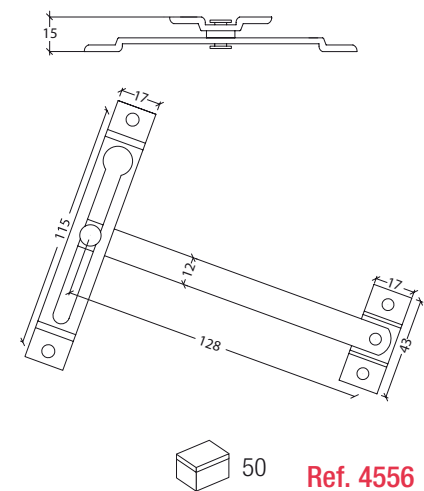
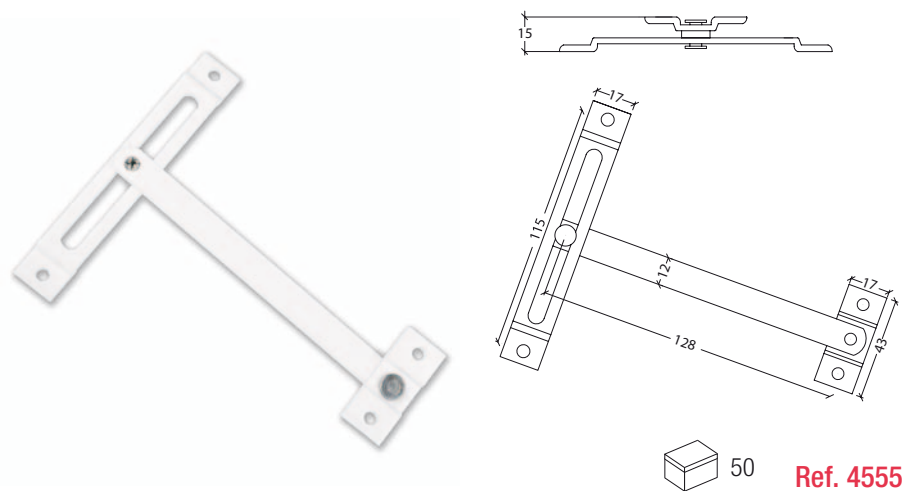
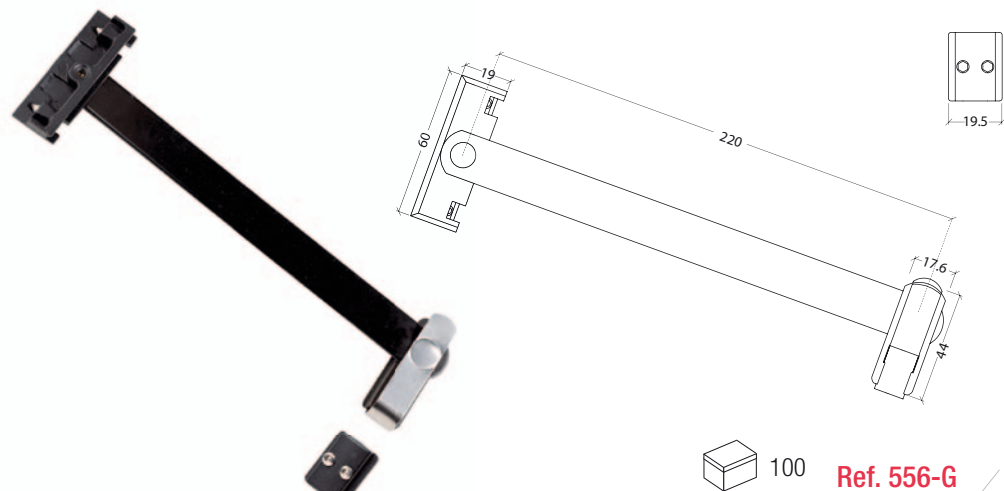
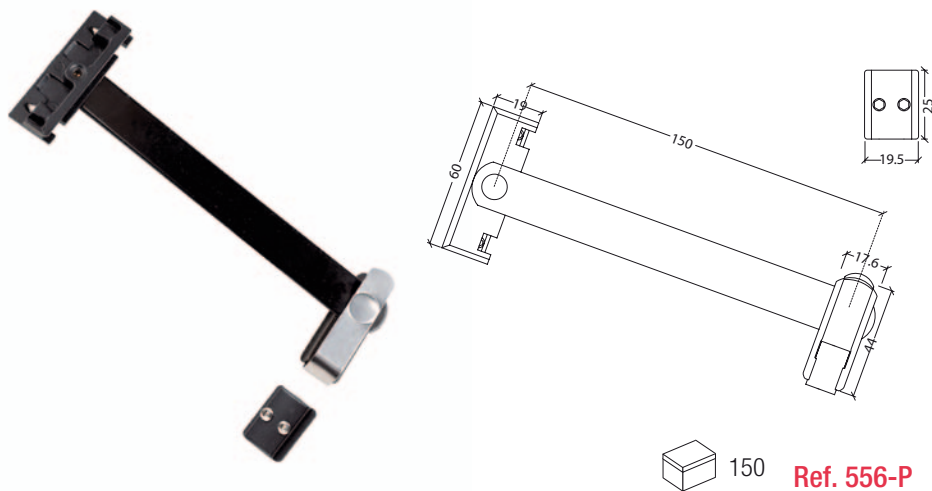
MATERIALES
 Aluminio de extrusion
 Nylon
 Acero

MATERIALS
 Aluminium extruded
 Nylon
 Steel

MATÉRIELS
 Aluminium extrusioné
 Nylon
 Acier

BISAGRAS COMPÁS BASCULANTES Y PROYECTANTES
ADDITIONAL STAY ARM FOR BOTTOM AND TOP CASEMENT
COMPAS ADDITIONNEL POUR SOUFLET ET PROJETANT





🇪🇸 Bisagras compás para limitar la apertura en ventanas abatibles, practicables y oscilo batientes.

🇬🇧 Additional arm for opening restrictions in tilt & turn, side hung and tilt & turn Windows.

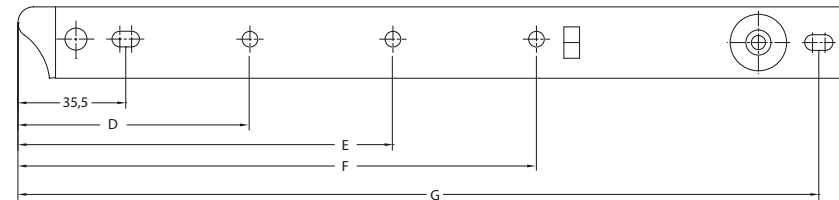
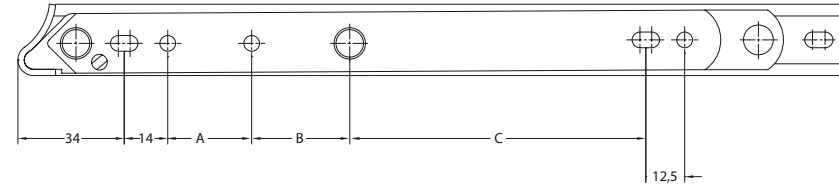
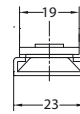
🇫🇷 Compás additionnel pour limiter l'ouverture des fenêtres à soufflet projetant et oscillo-battant.

MATERIALES
 Aluminio de extrusion
 Zamak
 Acero inox

MATERIALS
 Aluminium extruded
 Zamak
 Stainless steel

MATÉRIELS
 Aluminium extrusioné
 Zamak,
 Acier inoxydable

BISAGRAS COMPÁS PROYECTANTES
 ADDITIONAL STAY ARM FOR TOP CASEMENT
 COMPAS ADDITIONNEL POUR PROJETANT



Ref. 8810 / 8816 / 8822 / 8826

	ALTO HOJA (max) LEAF HEIGHT	ANCHO HOJA (max) LEAF WIDTH	PESO HOJA (max) LEAF WEIGHT	TAMAÑO COMPÁS SIZE	ÁNGULO APERTURA ANGLE OPENING	A	B	C	D	E	F	G
Ref. 8810	550 mm	1200 mm	33 kg	254 mm (10")	50°	27		124			213	254
Ref. 8816	900 mm	1200 mm	52 kg	406,5 mm (16")	50 ° regulable	51		127		213,5	333	406,5
Ref. 8822	1300 mm	1200 mm	70 kg	558,8 mm (22")	45 ° regulable	51	100	152,5	180	311,5	441	559,5
Ref. 8826	1800 mm	1200 mm	90 kg	672 mm (26")	23°	51	234	121,5		355,5	620	672



🇪🇸 Bisagras compás para practicables y proyectantes.

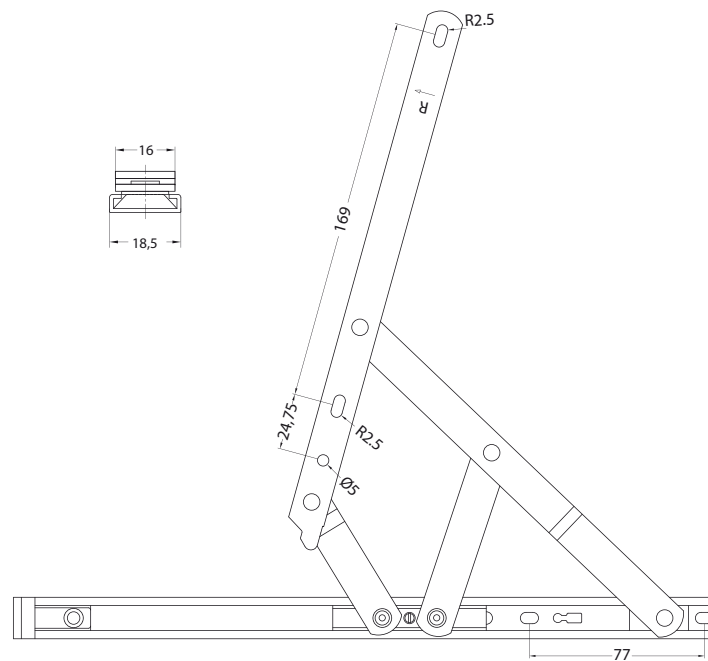
🇬🇧 Additional stay arm for top casement.

🇫🇷 Compas additionnel pour projetant.

MATERIALES
Acero inoxidable

MATERIALS
Stainless steel

MATÉRIELS
Acier inoxydable



Ref. 8708 / 8712 / 8716 / 8720 / 8724 / 8710

	ALTO HOJA (max) LEAF HEIGHT	ANCHO HOJA (max) LEAF WIDTH	PESO HOJA (max) LEAF WEIGHT	TAMAÑO COMPÁS SIZE	ÁNGULO APERTURA ANGLE OPENING
Ref. 8708	1200 mm	300 mm	10 kg	210 mm (8")	62°
Ref. 8712	1200 mm	600 mm	21 kg	311 mm (12")	64°
Ref. 8716	1200 mm	750 mm	22 kg	414 mm (16")	51°
Ref. 8720	1200 mm	900 mm	24 kg	515 mm (20")	42°

	ALTO HOJA (max) LEAF HEIGHT	ANCHO HOJA (max) LEAF WIDTH	PESO HOJA (max) LEAF WEIGHT	TAMAÑO COMPÁS SIZE	ÁNGULO APERTURA ANGLE OPENING
Ref. 8724	1200 mm	1500 mm	32 kg	615 mm (24")	38°
Ref. 8710				260 mm (10")	



🇪🇸 Bisagras compás para practicable y proyectantes.

🇬🇧 Additional stay arm for top casement.

🇫🇷 Compas additionnel pour projetant.

MATERIALES
Acero inoxidable

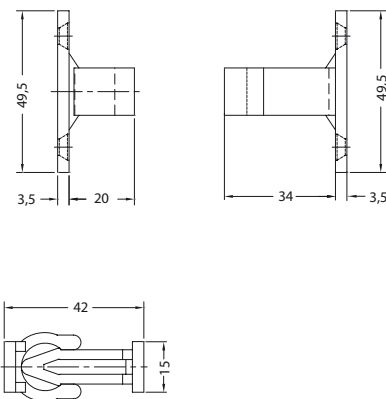
MATERIALS
Stainless steel

MATÉRIELS
Acier inoxydable

GOLPETES Y FIJACIONES
FINGER CATCH AND CLIPPERS
LOQUETEAU ET CLIPPERS

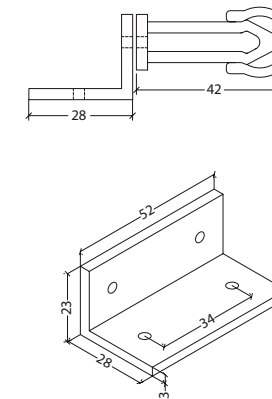


FIJACIÓN PARA CONTRAVENTANAS



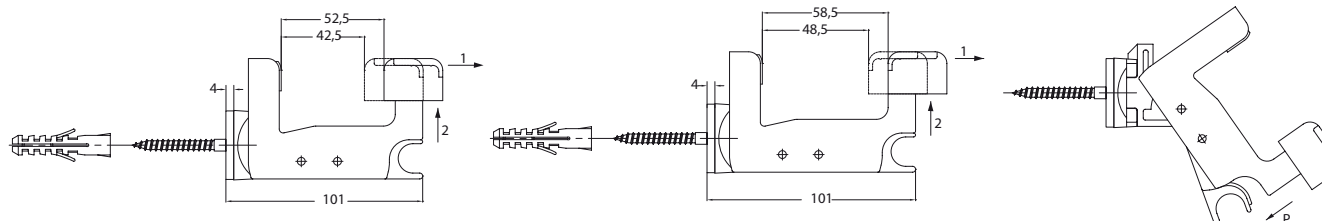
25 **Ref. 4132**

FIJACIÓN PARA PUERTA



25 **Ref. 4133**

FIJACIÓN PARA CONTRAVENTANAS



50 **Ref. 6900**



Fijaciones para contraventanas y puertas.

Clippers for shutters and doors.

Clippers pour les volets et les portes.

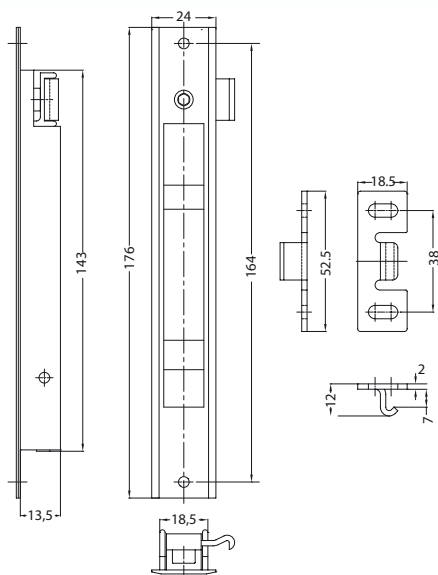
MATERIALES
Aluminio extrusionado
Nylon

MATERIALS
Aluminium extruded
Nylon

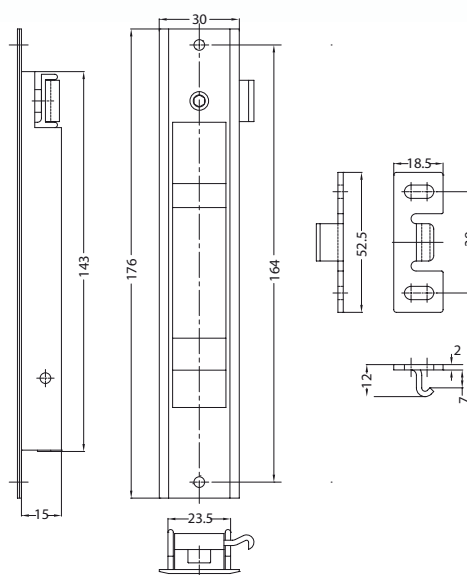
MATÉRIELS
Aluminium extrusé
Nylon

CIERRES EMBUTIDOS Y ENGANCHES MARCO
SLIDING LOCKS AND FRAME LOCKERS
POIGNÉE ENCASTRABLE ET FERMETURES

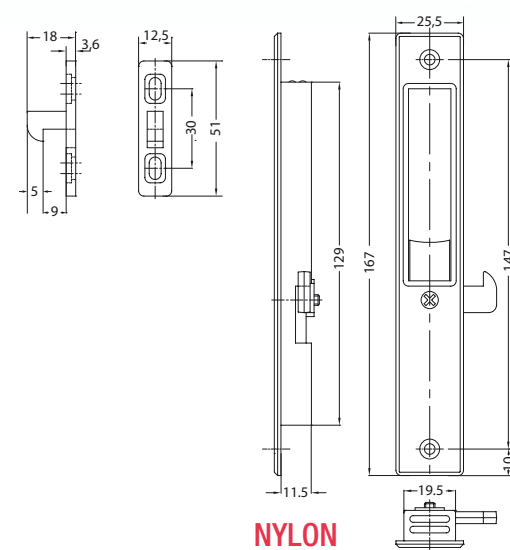




250 **Ref. 4207**



250 **Ref. 4208**



NYLON
 250 **Ref. 4211**



■ Cierres embutidos para puertas y ventanas correderas.

✳ Sliding lock for doors and windows.

■ Poignée encastrable pour les portes et les fenêtres.

MATERIALES
 Aluminio extrusionado
 Nylon
 Zamak
 Acero

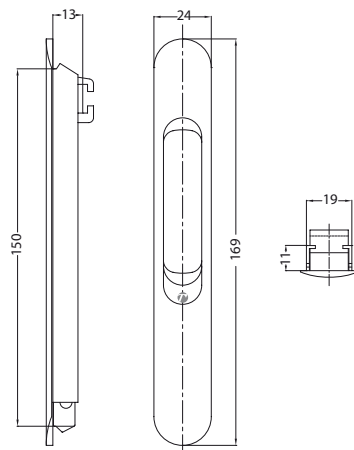
MATERIALS
 Aluminium extruded
 Nylon
 Zamak
 Steel

MATÉRIELS
 Aluminium extrusioné
 Nylon
 Zamak
 Acier

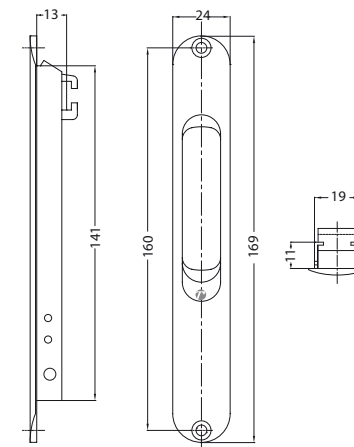
CIERRES EMBUTIDOS PARA PUERTAS Y VENTANAS CORREDERAS
 SLIDING LOCKS FOR WINDOWS
 POIGNÉE ENCASTRABLE POUR VANTAIL COULISSANT



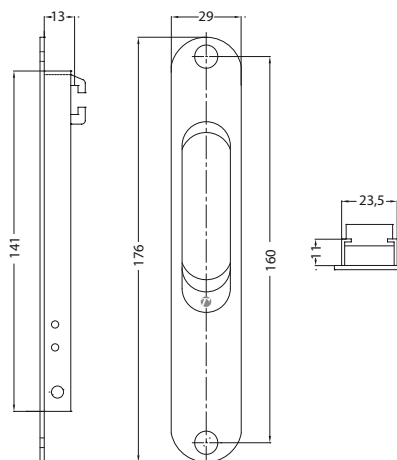
CIERRES EMBUTIDOS
 Y ENGANCHES MARCO



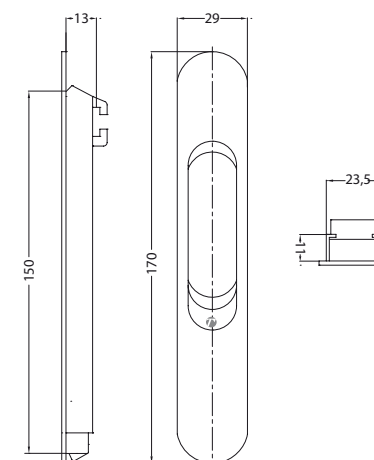
100 **Ref. 4255**



100 **Ref. 4256**



100 **Ref. 4257**

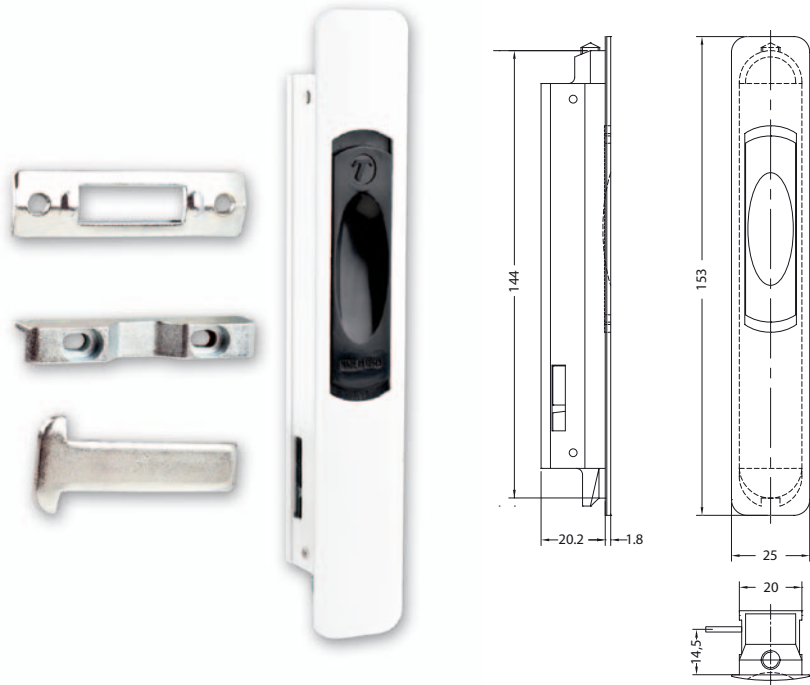


100 **Ref. 4258**

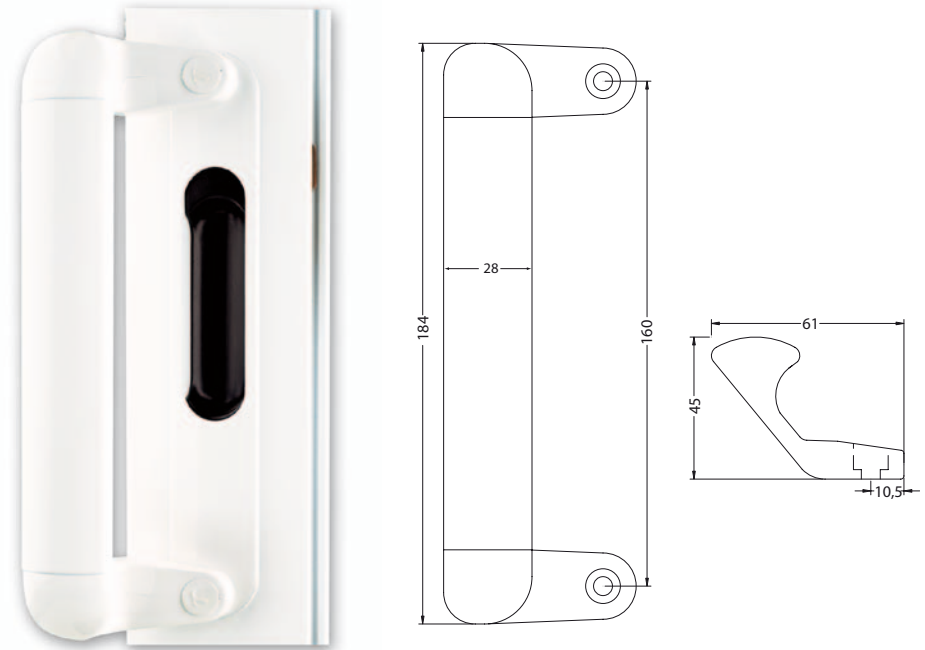


- Cierres embutidos para puertas y ventanas correderas.
- Sliding locks for doors and windows.
- Poignée encastrable pour les portes et les fenêtres.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Nylon	Nylon	Nylon
Zamak	Zamak	Zamak
Acero	Steel	Acier



100 **Ref. 4259**



10 **Ref. 1030**



- Cierres embutidos para puertas y ventanas correderas.
- Sliding locks for doors and windows.
- Poignée encastrable pour les portes et les fenêtres.

MATERIALES
 Aluminio extrusionado
 Nylon
 Zamak
 Acero

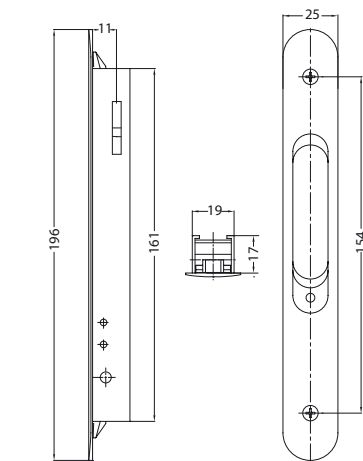
MATERIALS
 Aluminium extruded
 Nylon
 Zamak
 Steel

MATÉRIELS
 Aluminium extrusioné
 Nylon
 Zamak
 Acier

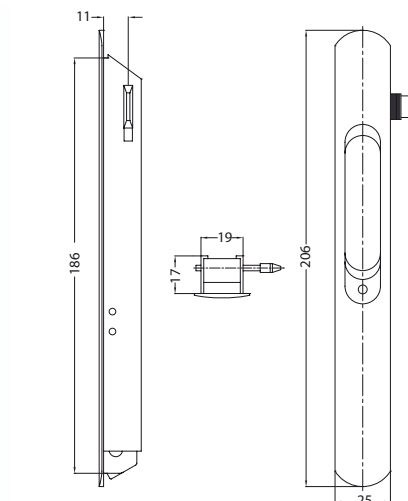
CIERRES EMBUTIDOS PARA PUERTAS Y VENTANAS CORREDERAS
 SLIDING LOCKS FOR WINDOWS
 POIGNÉE ENCASTRABLE POUR VANTAIL COULISSANT



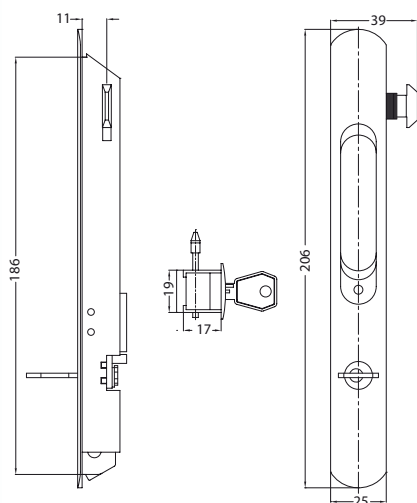
CIERRES EMBUTIDOS
 Y ENGANCHES MARCO



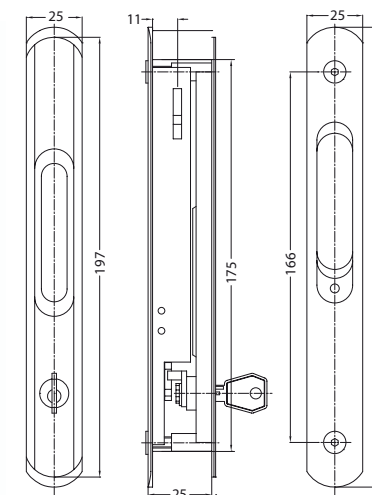
100 **Ref. 4260 / Ref. 4260-P**



100 **Ref. 4261 / Ref. 4261-P**



100 **Ref. 4262 / Ref. 4262-P**



100 **Ref. 4263**

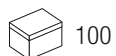
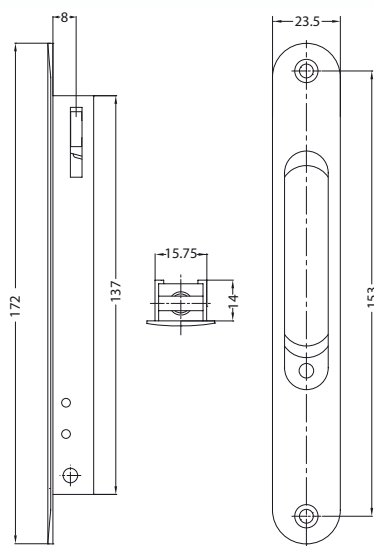


- Cierres embutidos para puertas y ventanas correderas.
- Sliding locks for doors and windows.
- Poignée encastrable pour les portes et les fenêtres.

MATERIALES
 Aluminio extrusionado
 Nylon
 Zamak
 Acero

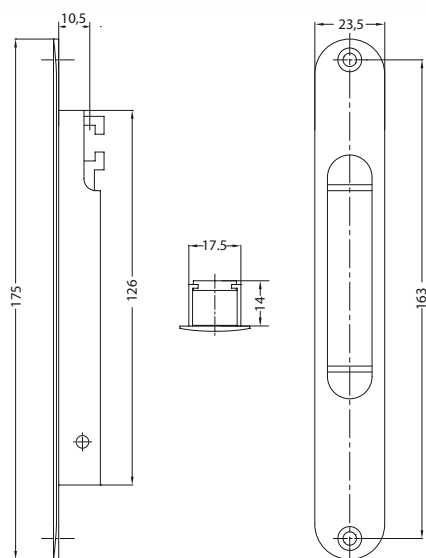
MATERIALS
 Aluminium extruded
 Nylon
 Zamak
 Steel

MATÉRIELS
 Aluminium extrusé
 Nylon
 Zamak
 Acier



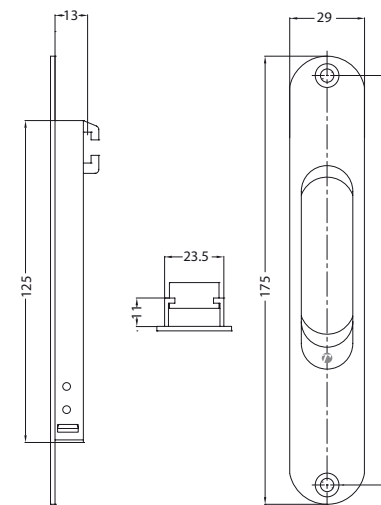
100

Ref. 4265 / Ref. 4265-P



100

Ref. 4270



100

Ref. 4271



🇪🇸 Cierres embutidos para puertas y ventanas correderas.

🇺🇸 Sliding locks for doors and windows.

🇫🇷 Poignée encastrable pour les portes et les fenêtres.

MATERIALES

Aluminio extrusionado
 Nylon
 Zamak
 Acero

MATERIALS

Aluminium extruded
 Nylon
 Zamak
 Steel

MATÉRIELS

Aluminium extrusé
 Nylon
 Zamak
 Acier

ENGANCHES DE MARCO Y HOJA PARA CIERRES EMBUTIDOS DE CORREDERAS
 FRAME KEEPERS AND LOCKERS FOR CLOSING GEARS
 CONTRE FERMOIR ET FERMAIR POUR POIGNÉES ENCASTRABLES



			100
		Ref. P-A	
			100
		Ref. P-B	
			100
		Ref. P-B-H	
			100
		Ref. P-G	
			100
		Ref. P-K	
			100
		Ref. P-M	
			100
		Ref. P-P	
			100
		Ref. P-V	

			100
		Ref. P-X	
			100
		Ref. P-04	
			100
		Ref. P-06	
			100
		Ref. P-07	
			100
		Ref. P-09	
			100
		Ref. P-14	
			100
		Ref. P-15	
			100
		Ref. P-16	

			100
		Ref. P-17	
			100
		Ref. E-A	
			100
		Ref. E-C	
			100
		Ref. E-P	
			100
		Ref. E-PC	
			100
		Ref. E-04	
			100
		Ref. E-05	



Enganches marco y hoja para diferentes series de correderas.

Frame keepers and lockers for different series.

Contre fermoir et fermair pour les différentes séries.

MATERIALES

Zamak
 Acero

MATERIALS

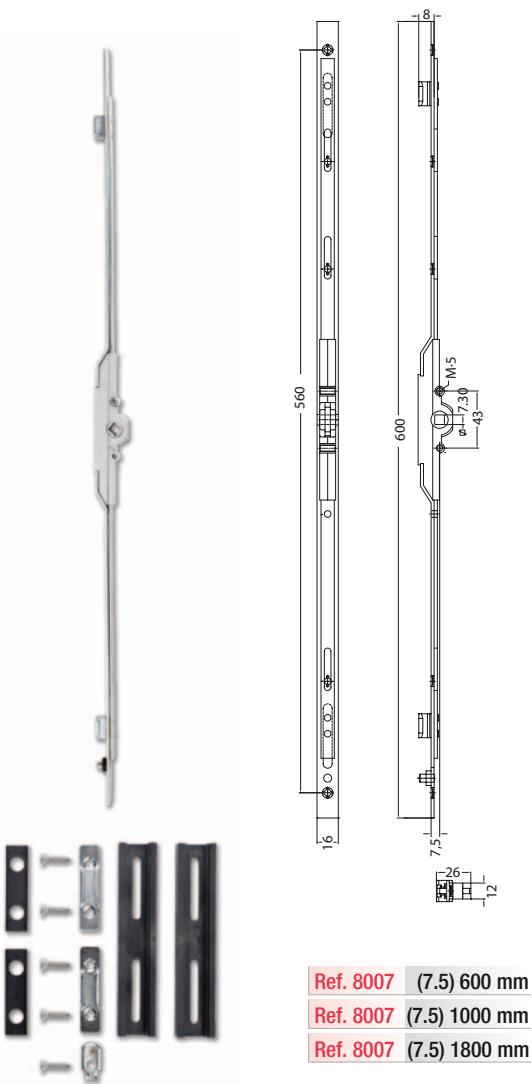
Zamak
 Steel

MATÉRIELS

Zamak
 Acier

CIERRES MULTIPUNTO PARA PUERTAS Y VENTANAS CORREDERAS
MULTIPOINT LOCKING SYSTEM
SYSTÈME DE FERMETURE MULTI-POINT

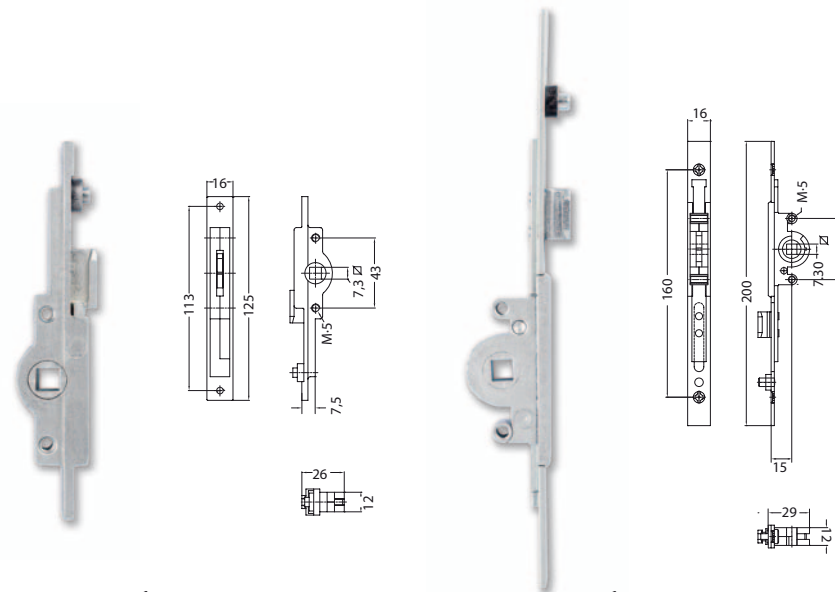
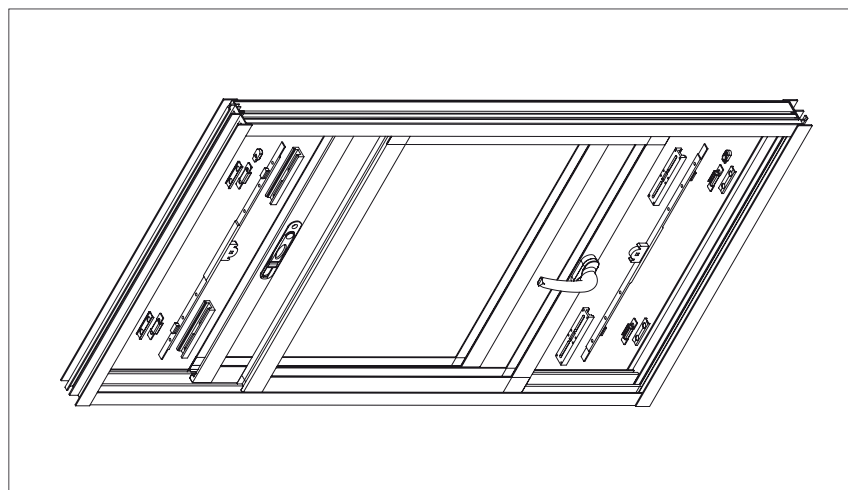




Ref. 8007 (7.5) 600 mm
 Ref. 8007 (7.5) 1000 mm
 Ref. 8007 (7.5) 1800 mm



Ref. 8015 (15) 600 mm
 Ref. 8015 (15) 1000 mm
 Ref. 8015 (15) 1800 mm



Ref. 8125



Ref. 8200



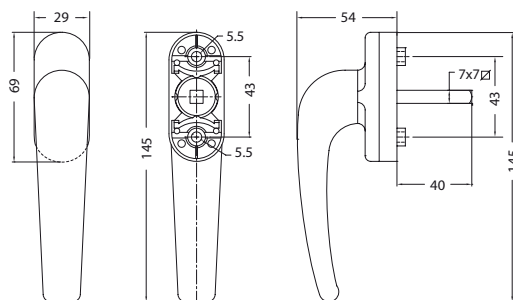
- Kit de cierre multipunto de seguridad para ventanas y puertas correderas, con uno, dos o tres enganches.
- ✚ Multipoint lock for sliding lock doors and windows, either one, two or three locking points.
- Système de fermeture multi-point pour portes et fenêtres coulissantes avec un, deux ou trois points de fermeture.

MATERIALES
 Zamak
 Acero
 Nylon

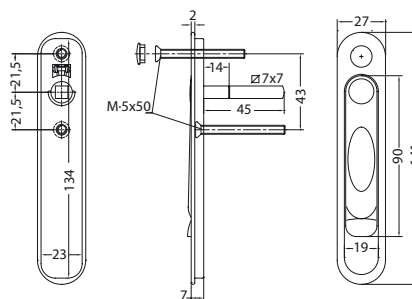
MATERIALS
 Zamak
 Steel
 Nylon

MATÉRIELS
 Zamak
 Acier
 Nylon

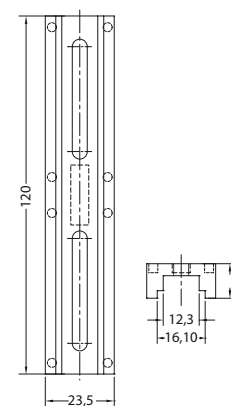
CREMONAS Y CIERRES MULTIPUNTO PARA PUERTAS Y VENTANAS CORREDERAS
 CREMONE AND LOCKERS MULTIPUNT FOR SLIDE WINDOWS (ACCESSORIES)
 CRÉMONE ET FERMETURES MULTIPOINT POUR LE SYSTÈME COULISSANT (ACCESSOIRES)



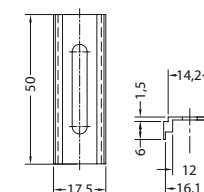
6 **Ref. 702**



10 **Ref. 704**



100 **Ref. 8240**



100 **Ref. 8241**



🇪🇸 Cremonas, cierres y calzos para multipunto de correderas.

🇬🇧 Cremona, locker and accessories for multipoint.

🇫🇷 Crémone, fermetures et accessoires pour multi-point.

MATERIALES

Zamak
 Acero
 Nylon
 Aluminio inyectado

MATERIALS

Zamak
 Steel
 Nylon
 Die-cast aluminium

MATÉRIELS

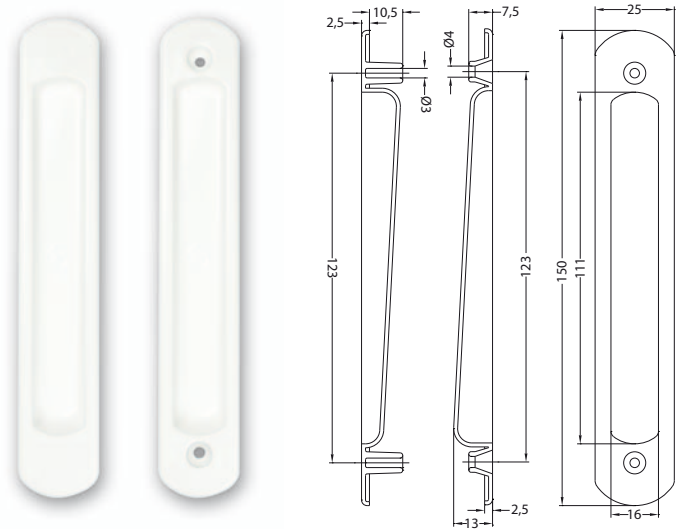
Zamak
 Acier
 Nylon
 Aluminium moulé sous pression

CIERRES DE CENTRO SUPERPUESTOS Y UÑEROS PARA CORREDERAS
CENTRAL HANDLE AND PULL HANDLE FOR SLIDE WINDOWS AND DOORS
POIGNÉE CENTRALE NON ENCASTRABLE ET POIGNÉE À TIRAGE POUR LE SYSTÈME COULISSANT

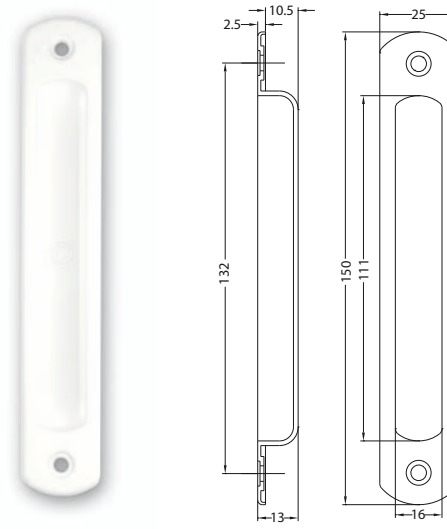




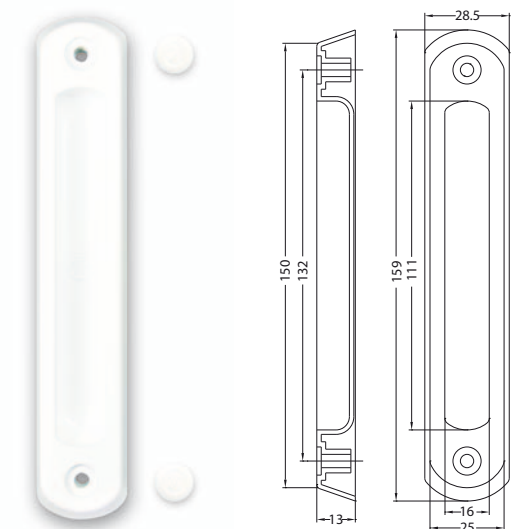
CIERRES DE CENTRO SUPERPUESTOS Y UÑEROS PARA PUERTAS Y VENTANAS CORREDERAS
 CENTRAL AND PULL HANDLE FOR SLIDE WINDOWS
 POIGNÉE CENTRALE NON ENCASTRABLE ET POIGNÉE À TIRAGE POUR VANTAIL COULISSANT



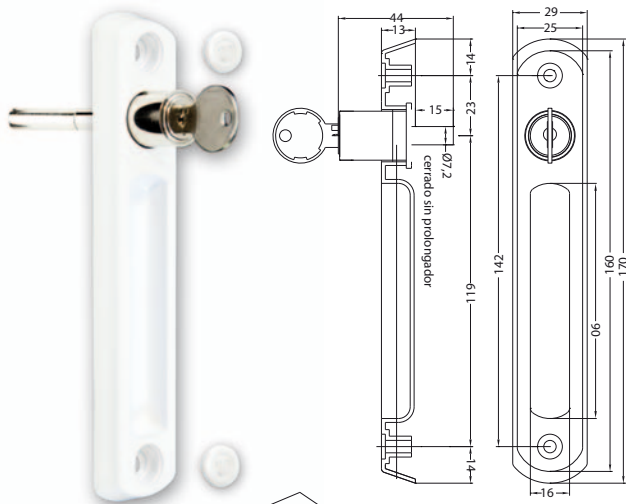
40 **Ref. 4032**



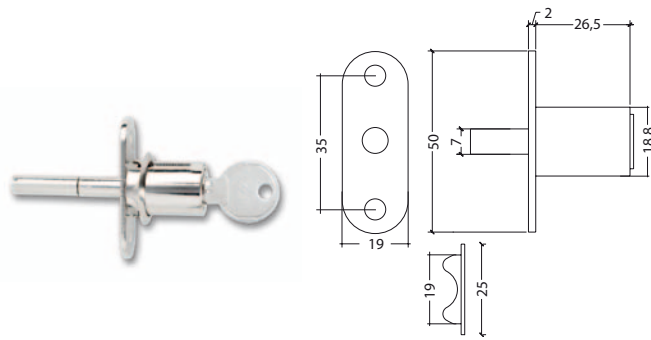
40 **Ref. 4033**



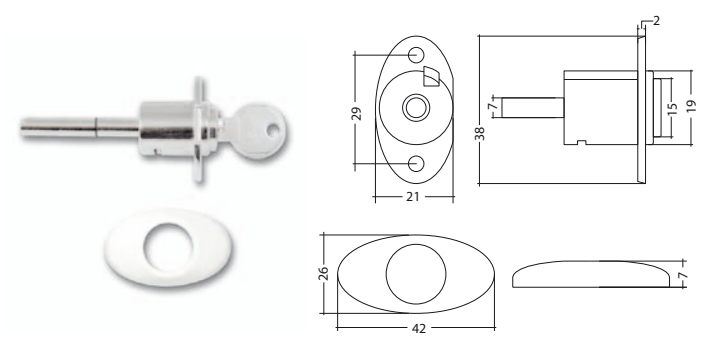
40 **Ref. 4034**



15 **Ref. 4151 / 4151-I**



50 **Ref. 4150 / 4150-I**



50 **Ref. 4155 / 4155-I**



■ Cierres de centro superpuestos con cerradura y uñeros para puertas y ventanas correderas.

✦ Central handle with cylinder and pull handle for slide doors and windows.

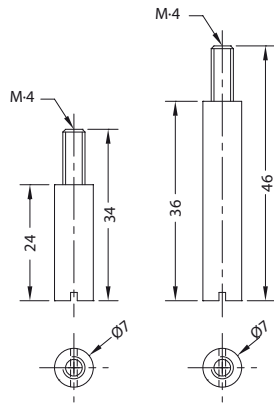
■ Poignée centrale avec le serrure et poignée à tirage pour les portes et fenêtres coulissantes.

MATERIALES
 Aluminio extrusionado
 Nylon

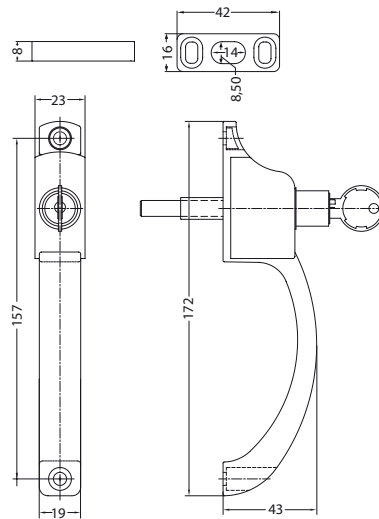
MATERIALS
 Aluminium extruded
 Nylon

MATÉRIELS
 Aluminium extrude
 Nylon

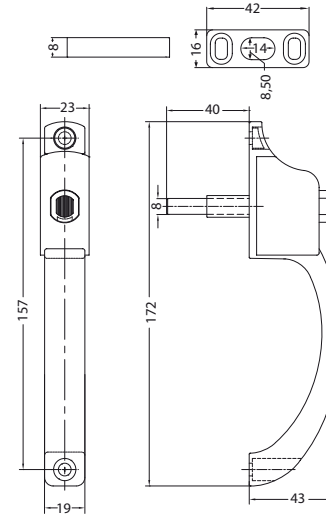
CIERRES DE CENTRO SUPERPUESTOS CON Y SIN CERRADURAS PARA PUERTAS Y VENTANAS CORREDERAS Y CERRADURAS DE VITRINAS
 CENTRAL HANDLE WITH OR WITHOUT KEY FOR SLIDING DOORS AND WINDOWS
 POIGNÉE CENTRALE POUR VANTAIL COULISSANT



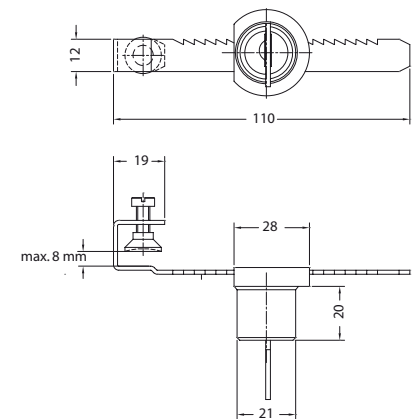
50
Ref. 4150 P. Prolongador normal (24 mm)
Ref. 4150 PL. Prolongador largo (36 mm)



10 **Ref. 4113 C / 4113 CI**



10 **Ref. 4113**



25 **Ref. 4601/4601-I**



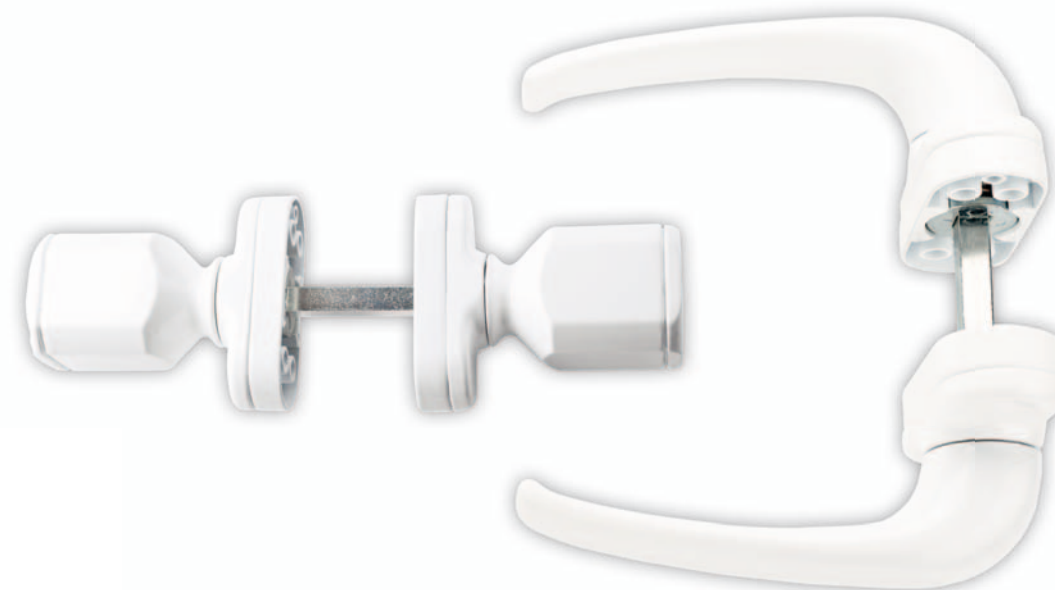
- Cierres de centro superpuestos con y sin cerraduras y uneros para puertas y ventanas correderas y cerraduras de vitrinas.
- Central handle with or without key for sliding doors and windows Showcase locker.
- Poignée centrale avec ou sans serrure pour les portes et fenêtres coulissantes. Serrure pour des vitrines.

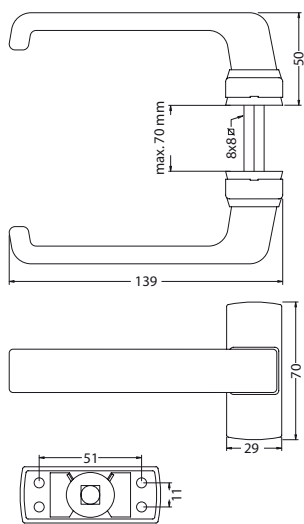
MATERIALES
 Aluminio inyectado
 Nylon
 Acero

MATERIALS
 Die-cast aluminium
 Nylon
 Steel

MATÉRIELS
 Aluminium moulé sous pression
 Nylon
 Acier

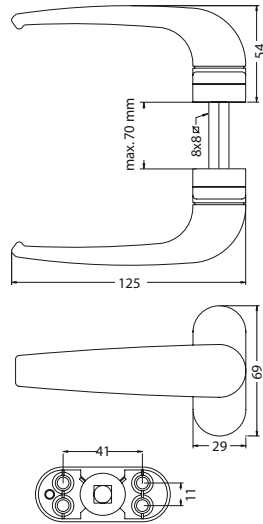
MANILLAS Y POMOS
HANDLES AND KNOBS
BÉQUILLES ET BOUTONS





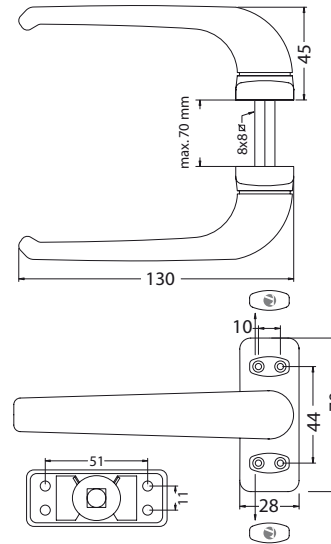
5

Ref. 4456



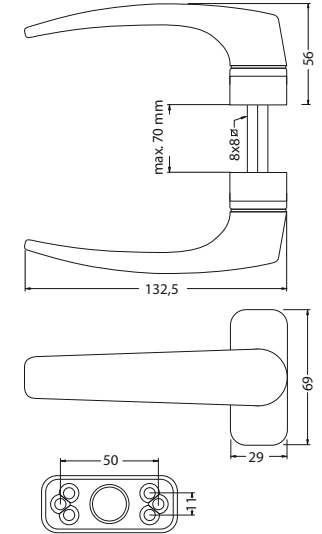
6

Ref. 4457



4

Ref. 4459



4

Ref. 4454



🇪🇸 Juegos de manillas ambidiestras con muelle de recuperación.

🇬🇧 Reversible double handle with spring.

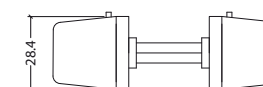
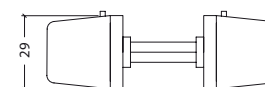
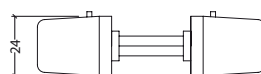
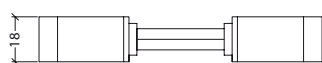
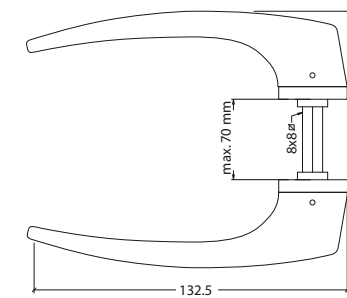
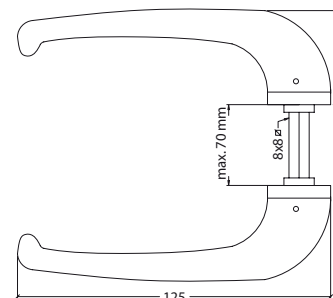
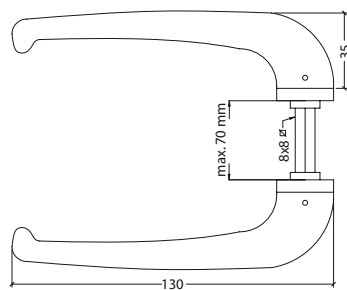
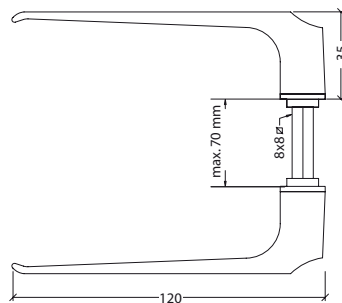
🇫🇷 Double béquille reversible.

MATERIALES
 Aluminio
 Nylon
 Zamak

MATERIALS
 Aluminium
 Nylon
 Zamak

MATÉRIELS
 Aluminium
 Nylon
 Zamak

JUEGOS DE MANILLAS PARA PUERTAS
SET OF HANDLES FOR DOORS
JEU DE BÉQUILLES



15 **Ref. 4011**

10 **Ref. 4460**

10 **Ref. 4462**

10 **Ref. 4461**



Juegos de manillas para puertas sin escudo.

Double handle without handle base.

Double béquille sans rosace.

MATERIALES

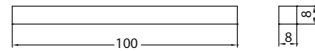
Aluminio
Nylon
Zamak
Aluminio extrusionado
Acero

MATERIALS

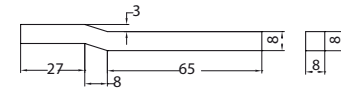
Aluminium
Nylon
Zamak
Extruded aluminium
Steel

MATÉRIELS

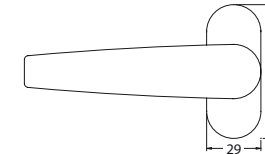
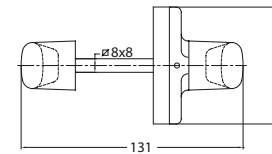
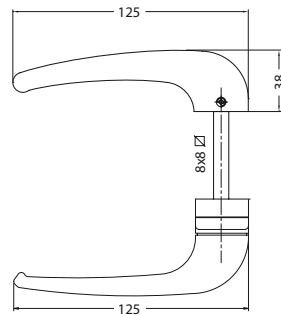
Aluminium
Nylon
Zamak
Aluminium extrusioné
Acier



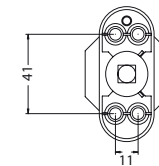
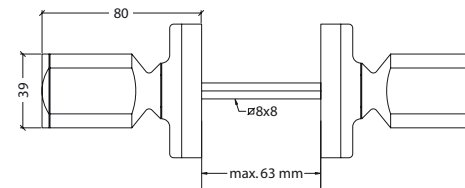
100 **Ref. 4457 C**



100 **Ref. 4457 D**



4 **Ref. 4465**



6 **Ref. 4501**



Juegos de manillas y pomos ambidiestros con muelle de recuperación.

Reversible handle and knobs with spring.

Béquille et bouton avec ressort.

MATERIALES

Zamak
 Aluminio
 Nylon
 Acero

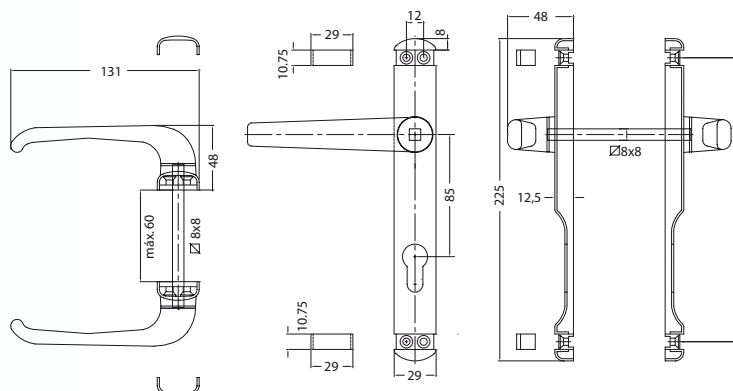
MATERIALS

Zamak
 Aluminium
 Nylon
 Steel

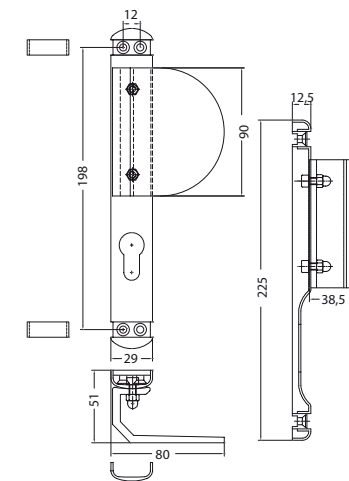
MATÉRIELS

Zamak
 Aluminium
 Nylon
 Acier

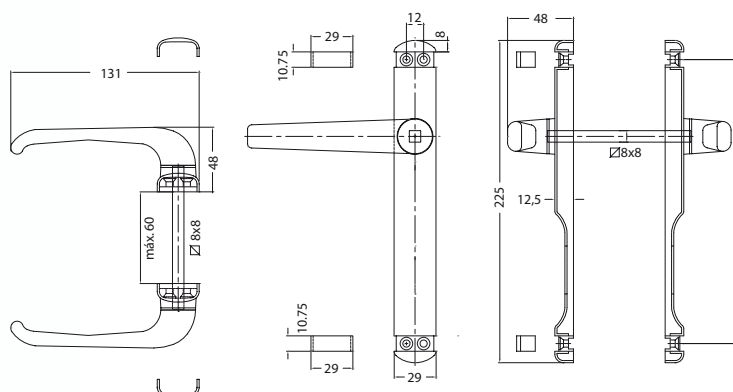
JUEGOS DE MANILLAS CON ESCUDO Y BOCALLAVE Y JUEGO DE TIRADOR CON BOCALLAVE PARA PUERTAS
 SET OF HANDLE, HANDLE BASE AND ESCUTCHEON FOR DOORS
 JEU DE BÉQUILLES, ROSACE ET ENTRÉE DE CYLINDRE POUR PORTES



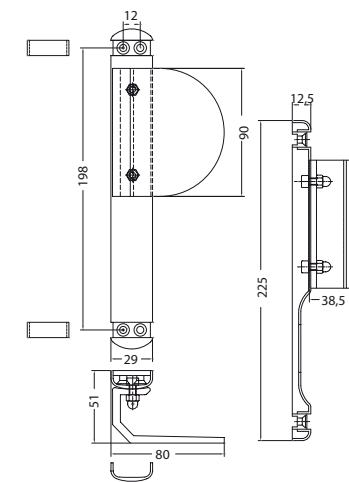
15 **Ref. 4468**



24 **Ref. 4468-A**



15 **Ref. 4469**



24 **Ref. 4469-A**



🇪🇸 Juegos de manillas y asa tirador reversibles con escudo bocallave para puertas.

🇬🇧 Set of handle and reversible pull handle.

🇫🇷 Jeu de béquilles et poignée à tirage réversible.

MATERIALES

Zamak
 Aluminio
 Nylon
 Acero
 Aluminio extrusionado

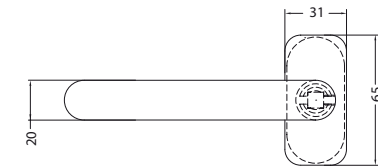
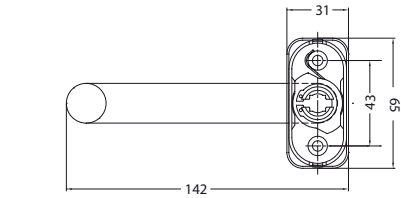
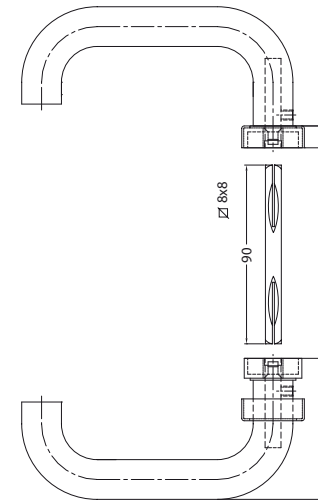
MATERIALS

Aluminium
 Nylon
 Zamak
 Steel
 Aluminium extruded

MATÉRIELS

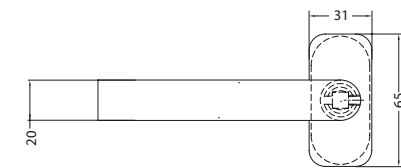
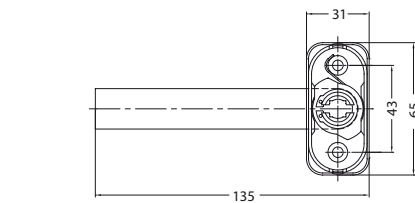
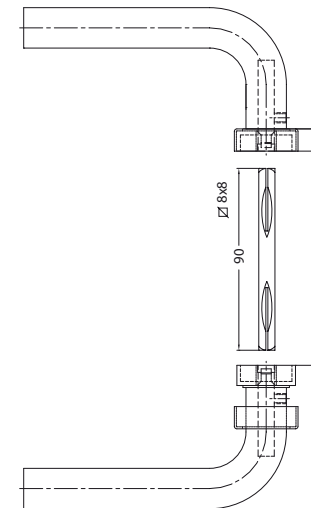
Aluminium
 Nylon
 Zamak
 Acier
 Aluminium extrusioné

JUEGOS DE MANILLAS PARA PUERTAS (ACERO INOX.)
 DOUBLE HANDLE FOR DOORS (STAINLESS STEEL)
 BÉQUILLES DOUBLE POUR PORTES (ACIER INOX)



4


Ref. 4466





4

Ref. 4467



 Juegos de manillas reversible con escudo.

 Reversible double handle for doors.

 Double béquilles reversible pour portes .

MATERIALES

Zamak
 Nylon
 Acero inox

MATERIALS

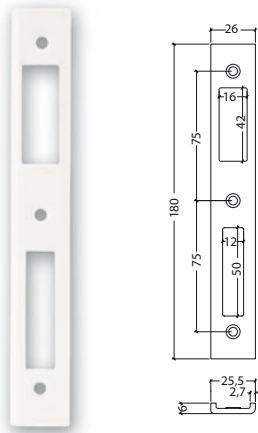
Nylon
 Zamak
 Stainless steel

MATÉRIELS

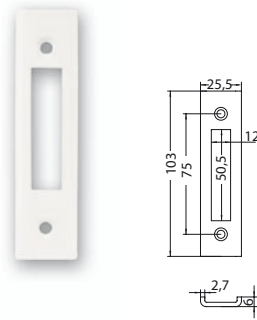
Nylon
 Zamak
 Acier inoxydable

CERRADEROS Y ESCUDOS PARA PUERTAS
CLOSURE PLATES
GÂCHES

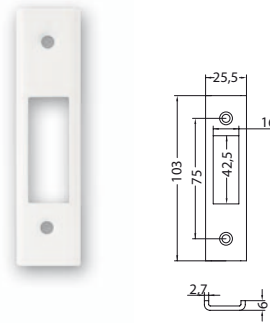




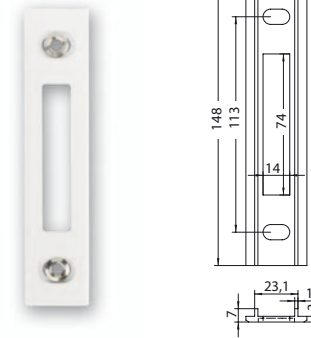
50 **Ref. 4070**



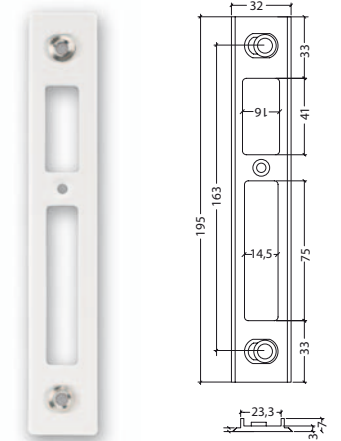
50 **Ref. 4071**



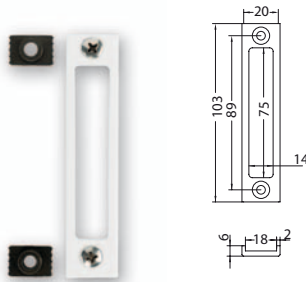
50 **Ref. 4072**



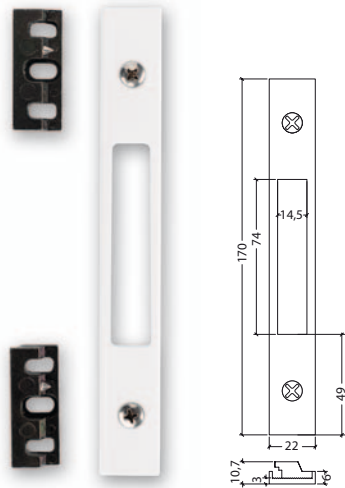
50 **Ref. 4073**



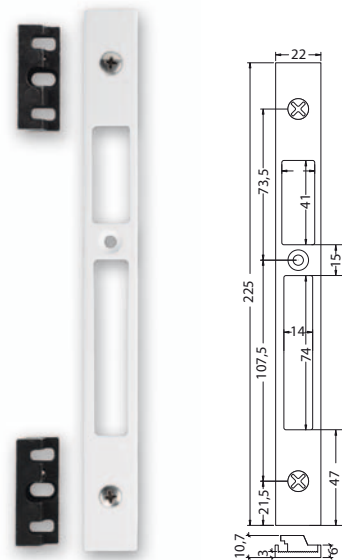
50 **Ref. 4074**



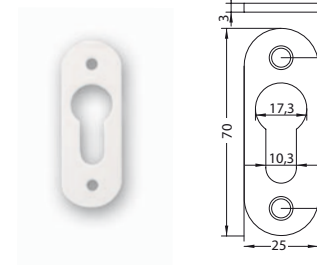
50 **Ref. 4075**



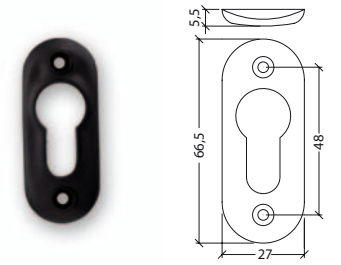
50 **Ref. 4075 R**



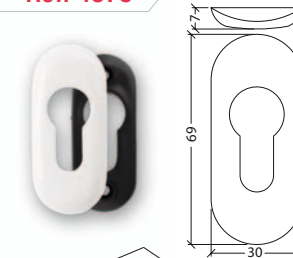
20 **Ref. 4076**



100 **ALUMINIO**
Ref. 4575



100 **NYLON**
Ref. 4576-NY



100 **ZAMAK Y NYLON**
Ref. 4576



- Cerraderos para puertas dobles y simples, fijos y regulables. Serie nacional y europea. Escudos bocallave.
- ✚ Closure plates double & simple, fix or adjustable for european and national grooves. Escutcheons available.
- Gâches pour portes. Double ou simple, fix ou regulable pour les séries européenne et espagnole.

MATERIALES

Zamak
Nylon
Acero inox
Aluminio extrusionado

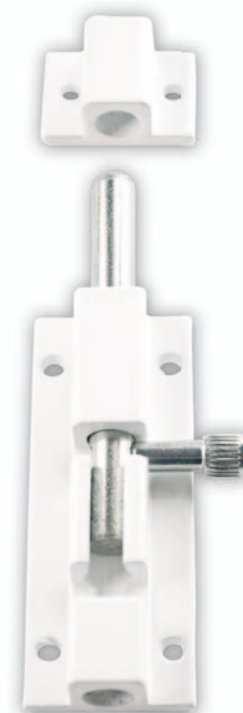
MATERIALS

Nylon
Zamak
Stainless steel
Aluminium extruded

MATÉRIELS

Nylon
Zamak
Acier inoxydable
Aluminium extrusioné

PASADORES
BOLTS
VERROUS



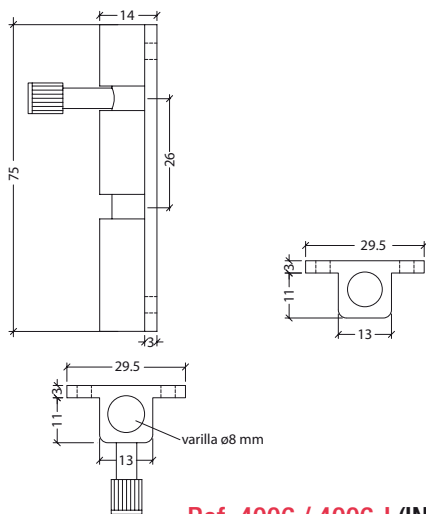


PASADOR UNIVERSAL
 PUENTE NORMAL

Ref. 4006 45, 75, 100, 150, 200, 250, 300, 400, 500 mm

Ref. 4006-I 45, 75, 100, 150, 200, 250, 300, 400, 500 mm

50 40 30 20 15 15 10 15 10



Ref. 4006 / 4006-I (INOX)

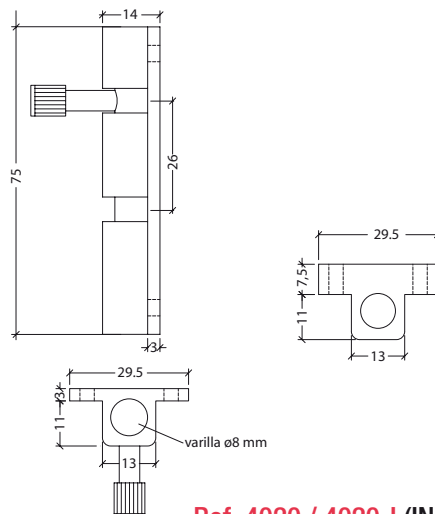


PASADOR UNIVERSAL
 PUENTE ALTO

Ref. 4020 45, 75, 100, 150, 200, 250, 300, 400, 500 mm

Ref. 4020-I 45, 75, 100, 150, 200, 250, 300, 400, 500 mm

50 40 30 20 15 15 10 15 10



Ref. 4020 / 4020-I (INOX)

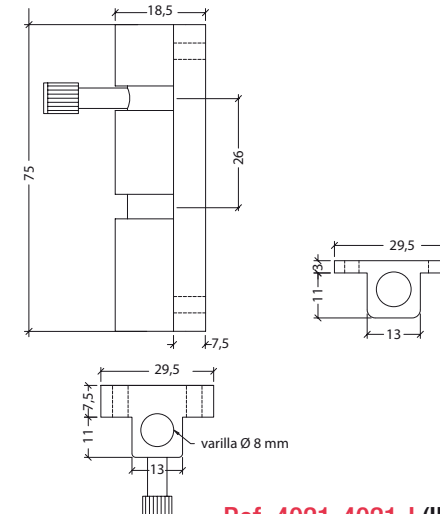


PASADOR UNIVERSAL
 APERTURA EXTERIOR

Ref. 4021 100, 200, 300, 400, 500 mm

Ref. 4021-I 100, 200, 300, 400, 500 mm

15 10 10 10 10



Ref. 4021-4021-I (INOX)



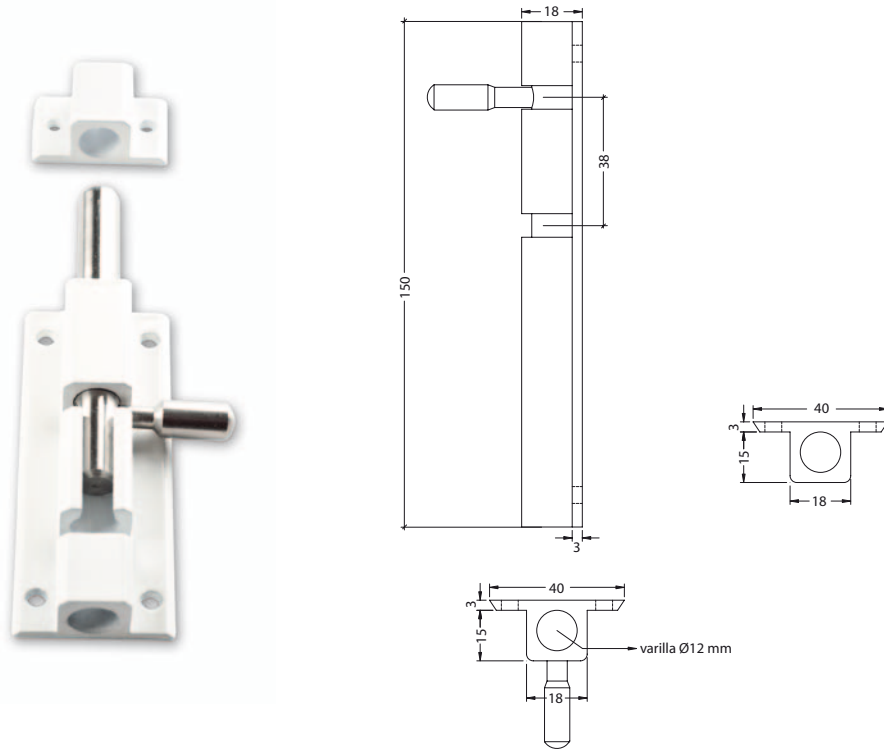
- Pasadores universales superpuestos para puertas y ventanas. Posibilidad de eje de hierro o acero inoxidable. Diferentes medidas y acabados.
- ✚ Universal bolt for doors and windows Available with the bar in either galvanize steel or stainless steel. Different sizes and finishes.
- Verrou universel pour portes et fenêtres. Le tringe est disponible en acier inoxydable ou acier galvanisé et avec différent mesures et finitions.

MATERIALES
 Aluminio extrusionado
 Acero
 Acero inox

MATERIALS
 Aluminium extruded
 Steel
 Stainless steel

MATÉRIELS
 Aluminium extrusioné
 Acier
 Acier inoxydable

PASADOR GRANDE
 PUENTE NORMAL

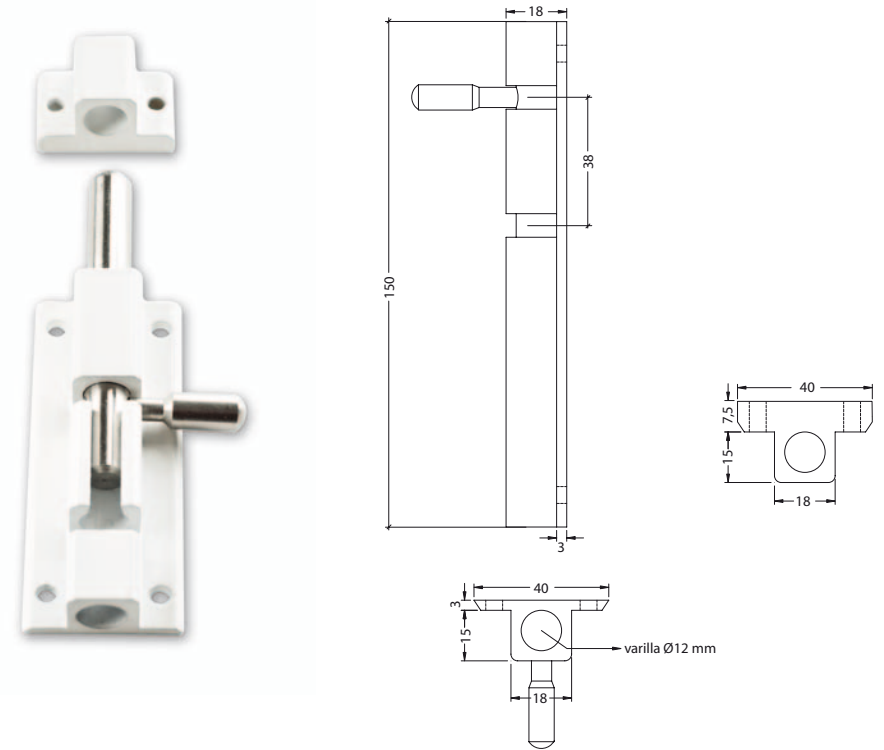


Ref. 4081 100, 150, 250, 350, 500 mm
 Ref. 4081-I 100, 150, 250, 350, 500 mm

15 10 5 5 5

Ref. 4081 / 4081-I (INOX)

PASADOR GRANDE
 PUENTE ALTO



Ref. 4082 100, 150, 250, 350, 500 mm
 Ref. 4082-I 100, 150, 250, 350, 500 mm

15 10 5 5 5

Ref. 4082 / 4082-I (INOX)

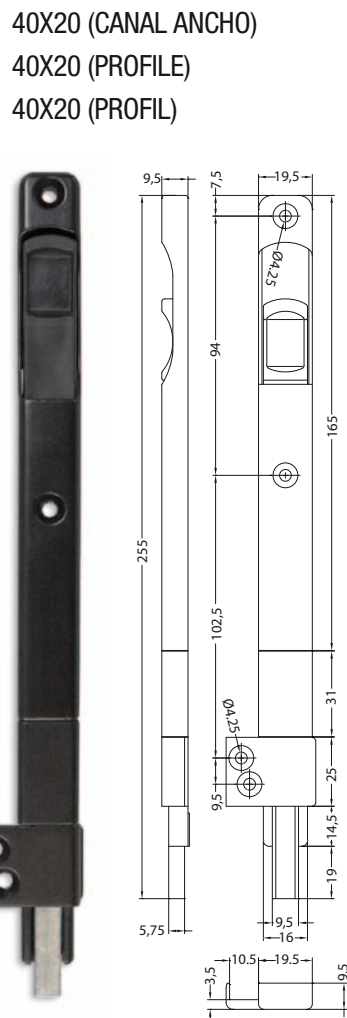


- Pasadores universales superpuestos para puertas y ventanas. Posibilidad de eje en hierro o acero inoxidable. Diferentes medidas y acabados.
- Universal bolt for doors and windows Available with the bar in either galvanize steel or stainless steel. Different sizes and finishes.
- Verrou universel pour portes et fenêtres. Le tringe est disponible en acier inox ou acier galvanisé et avec difèrent mesures et finitions.

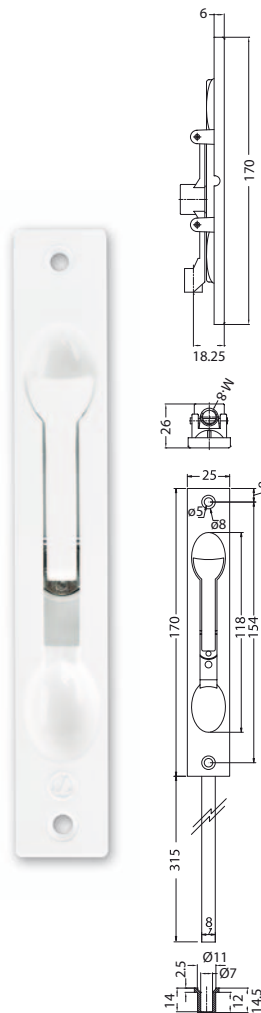
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Acero	Steel	Acier
Acero inox	Stainless steel	Acier inoxydable



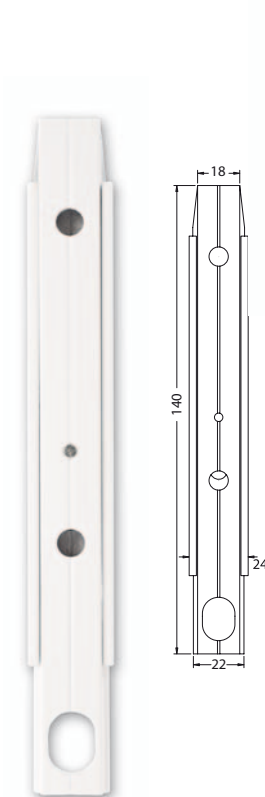
Ref. 706
 50 (220,263 mm)



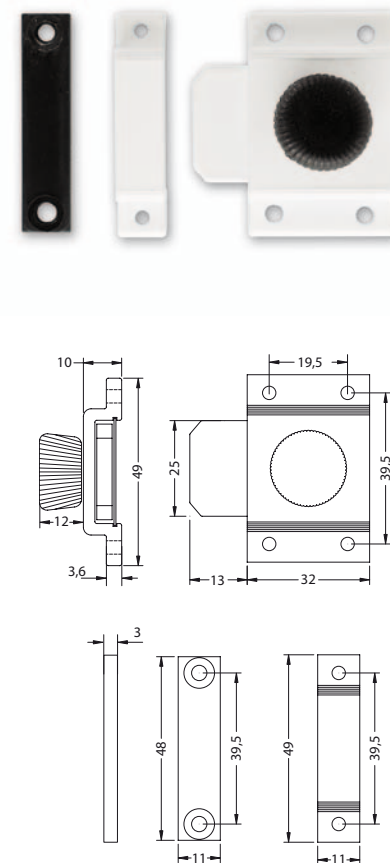
Ref. 4120
 20



Ref. 4001
 20



Ref. 4100
 50 (200,300 mm)



Ref. 4077
 50



- Pasadores para puertas y ventanas.
- ✦ Universal bolt for doors and windows. Inlay, flat and gliding.
- Verrou universel pour portes et fenêtres. Embouti, plate et glissant.

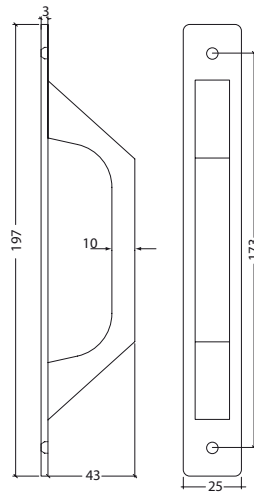
MATERIALES
 Aluminio extrusionado
 Zamak
 Nylon

MATERIALS
 Aluminio extrusionado
 Zamak
 Nylon

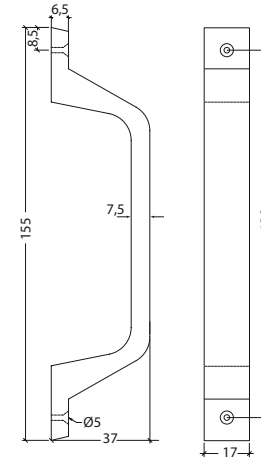
MATÉRIELS
 Aluminium extrusioné
 Zamak
 Nylon

ASAS TIRADOR
SMALL PULL HANDLES
POIGNÉE À TIRAGE

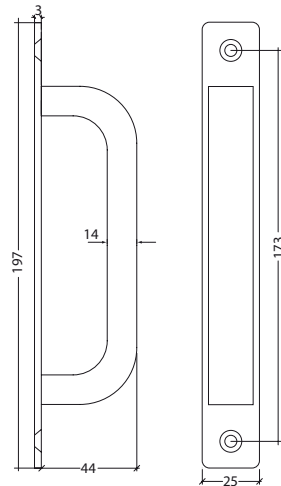




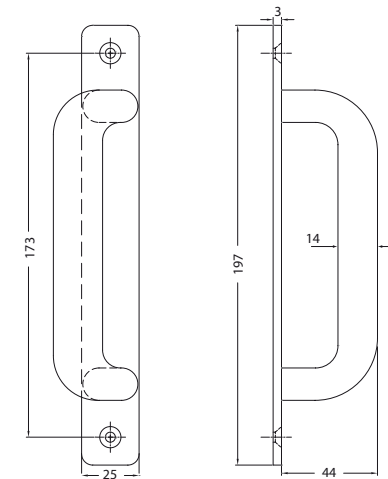
 15 **Ref. 1006**



 40 **Ref. 1019**



 12 **Ref. 1110**



 12 **Ref. 1111**



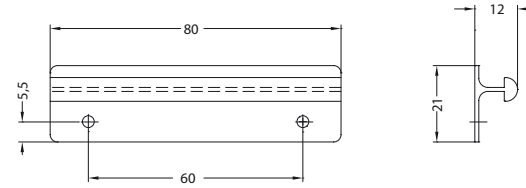
- Asas tirador rectas e inclinadas para puertas y ventanas.
- ✚ Pull handle for doors and windows. Straight and lean models.
- Poignée à tirage pour appliquer sur des portes et fenêtres. Droit ou avec inclinaison.

MATERIALES
Aluminio extrusionado

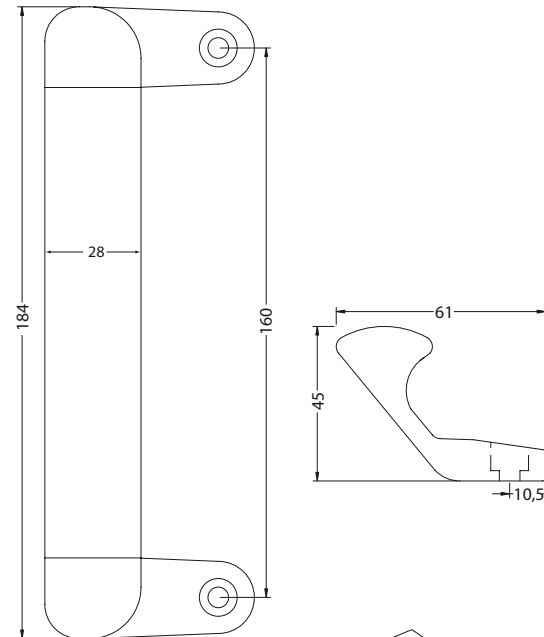
MATERIALS
Aluminium extruded

MATÉRIELS
Aluminium extrusioné

ASAS TIRADOR PARA PUERTAS Y VENTANAS CORREDERAS
 SMALL PULL HANDLE FOR SLIDING SYSTEM
 POIGNÉE À TIRAGE POUR LE SYSTÈME COULISSANT



25 **Ref. 1200**



10 **Ref. 1030**



Asa tirador para puertas y ventanas correderas.

Small pull handle for sliding system.

Poignée à tirage pour le système coulissant.

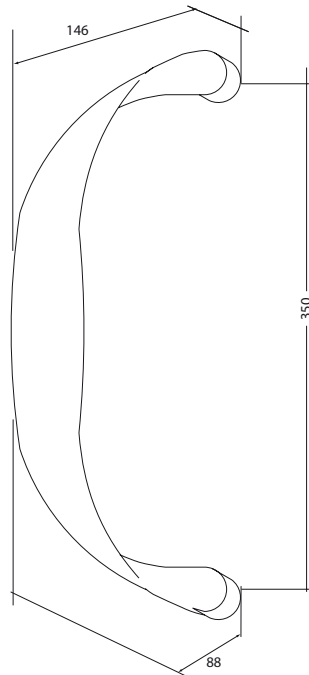
MATERIALES
 Aluminio extrusionado
 Zamak

MATERIALS
 Aluminium extruded
 Zamak

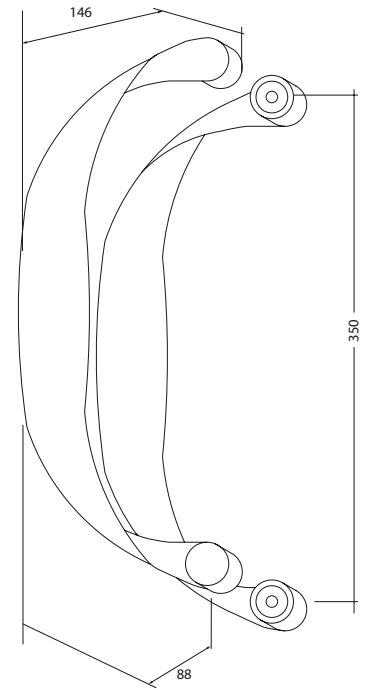
MATÉRIELS
 Aluminium extrusé
 Zamak

TIRADORES
PULL HANDLES
POIGNÉES À TIRAGE






 1 **Ref. 3300**




 1 **Ref. 3301**



 Tiradores ambidiestros simples o dobles para puertas de aluminio, madera o vidrio.

 Reversible pull handle for wooden, aluminium or glass doors.

 Reversible poignée à tirage pour les portes en bois, aluminium ou vitre.

MATERIALES
Aluminio

MATERIALS
Aluminium

MATÉRIELS
Aluminium

SOPORTES INOXIDABLES PARA TIRADORES DE TUBO
 FASTENING DEVICES FOR TUBE HANDLES
 ACCESSOIRES POUR DES TUYAUX À TIRAGE



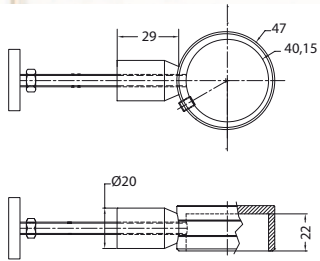
TIRADORES



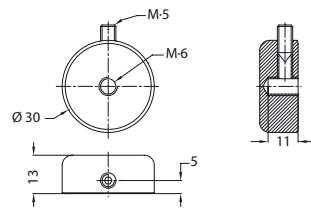
Ref. 3200	2250 mm
Ref. 3205	2500 mm
Ref. 3206	3000 mm

TIRADOR DE INOX (SIMPLE)

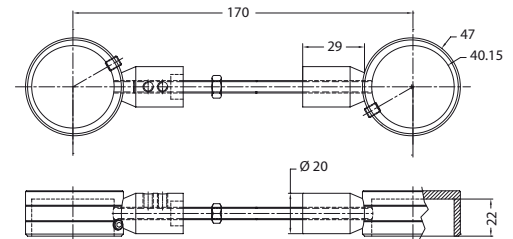
TIRADOR DE INOX (DOBLE)



SOPORTE (INOX)



TUERCA (INOX)



SOPORTES (INOX)

3 **Ref. 3201 (INOX SIMPLE)**

Ref. 3203 (INOX)

1 **Ref. 3202 (INOX DOBLE)**



- Juego de soportes simples o dobles y tubos.
- Set of fastening devices single or double and tubes.
- Accessoires simple ou double pour tuyaux à tirage.

MATERIALES
Acero inoxidable

MATERIALS
Stainless steel

MATÉRIELS
Acier inoxydable



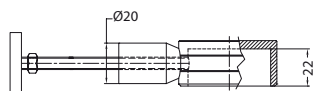
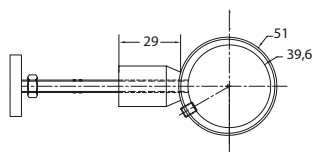
TIRADOR DE ALUMINIO
(SIMPLE)



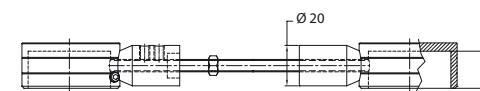
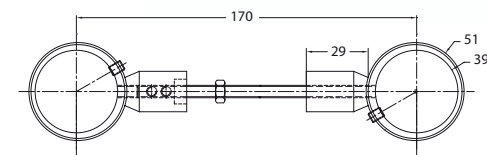
TUBOS DE ALUMINIO

39 mm Ø
 3 mm espesor
 2.100 mm longitud

TIRADOR DE ALUMINIO
(DOBLE)



SOPORTE (ALUMINIO)



SOPORTES (ALUMINIO)



Ref. 3100 (ALUMINIO SIMPLE)



Ref. 3101 (ALUMINIO DOBLE)



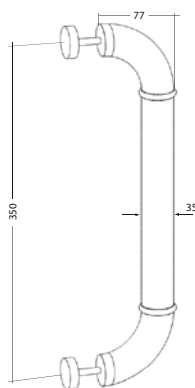
- Juegos de soportes simples o dobles y tubos. Medida máxima 2100 mm.
- ✦ Set of fastening devices single or double and tubes. Maximun height 2100 mm.
- Accessoires simple ou double pour tuyeaux à tirage. Maximun longueur 2100 mm.

MATERIALES
 Aluminio extrusionado
 Acero

MATERIALS
 Aluminium extrude
 Steel

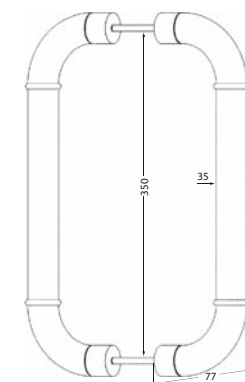
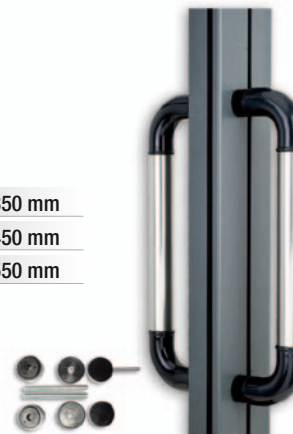
MATÉRIELS
 Aluminium extrudé
 Acier

Ref. 3021	350 mm
Ref. 3022	450 mm
Ref. 3023	550 mm



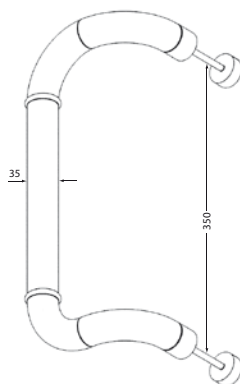
2 **Ref. 3021 / 3022 / 3023**

Ref. 3024	350 mm
Ref. 3025	450 mm
Ref. 3026	550 mm



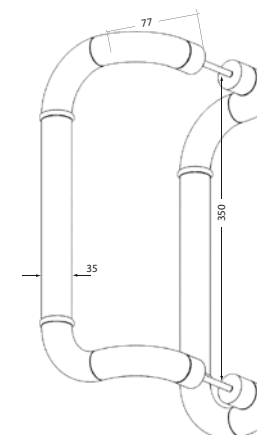
1 **Ref. 3024 / 3025 / 3026**

Ref. 3051	350 mm
Ref. 3052	450 mm
Ref. 3053	550 mm



2 **Ref. 3051 / 3052 / 3053**

Ref. 3055	350 mm
Ref. 3056	450 mm
Ref. 3057	550 mm



1 **Ref. 3055 / 3056 / 3057**



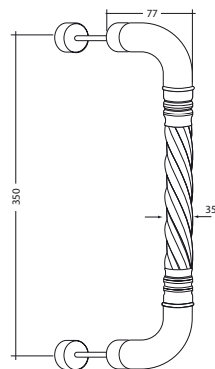
- Tiradores ambidiestros para puertas de aluminio, cristal o madera simples y dobles.
- Reversible door handle for aluminium, wooden and glass doors single or double.
- Reversible poignée pour les portes d'aluminium, bois et verre disponible simple ou double.

MATERIALES
 Aluminio extrusionado
 Zamak
 Nylon
 Acero

MATERIALS
 Aluminium extrude
 Zamak
 Nylon
 Steel

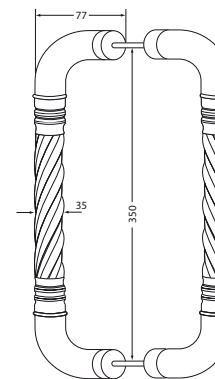
MATÉRIELS
 Aluminium extrusé
 Zamak
 Nylon
 Acier

- Ref. 3031 350 mm
- Ref. 3032 450 mm
- Ref. 3033 550 mm



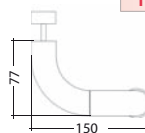
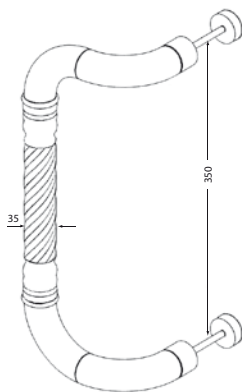
Ref. 3031 / 3032 / 3033

- Ref. 3035 350 mm
- Ref. 3036 450 mm
- Ref. 3037 550 mm



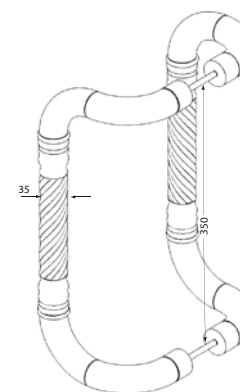
Ref. 3035 / 3036 / 3037

- Ref. 3041 350 mm
- Ref. 3042 450 mm
- Ref. 3043 550 mm



Ref. 3041 / 3042 / 3043

- Ref. 3045 350 mm
- Ref. 3046 450 mm
- Ref. 3047 550 mm



Ref. 3045 / 3046 / 3047

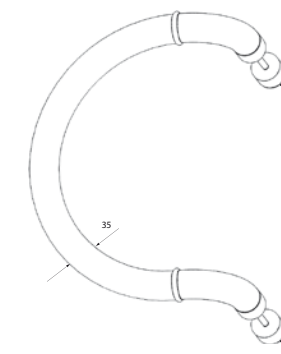
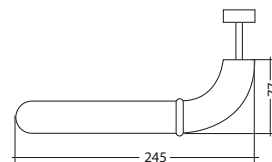


- Tiradores ambidiestros para puertas de aluminio, cristal o madera. Simples y dobles.
- ✠ Reversible door handle for aluminium, wooden and glass doors. Single or double.
- Reversible poignée pour les portes d'aluminium, bois et verre. Disponible simple ou double.

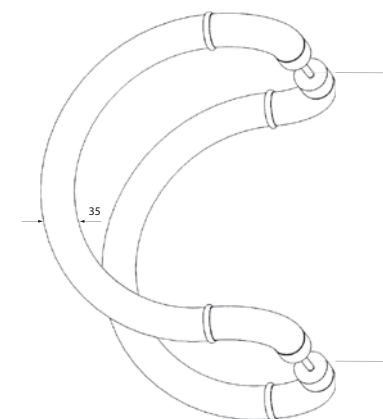
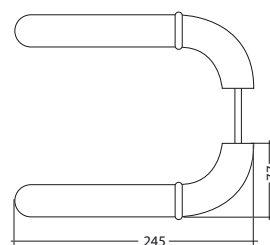
MATERIALES
 Aluminio extrusionado
 Zamak inyectado
 Nylon
 Acero

MATERIALS
 Aluminium extrude
 Zamak
 Nylon
 Steel

MATÉRIELS
 Aluminium extrusioné
 Zamak
 Nylon
 Acier



Ref. 3061 (310 mm)



Ref. 3065 (310 mm)



Tiradores ambidiestros para puertas de aluminio, cristal o madera. Simples y dobles.

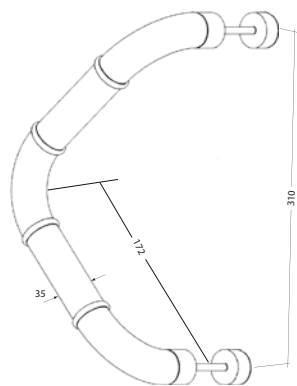
Reversible door handle for aluminium, wooden and glass doors. Single or double.

Reversible poignée pour les portes d'aluminium, bois et verre. Disponible simple ou double.

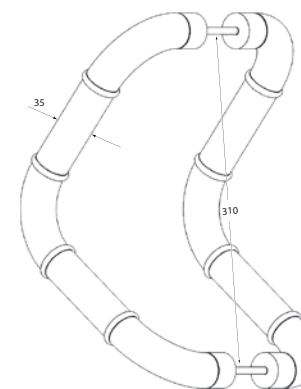
MATERIALES
 Aluminio extrusionado
 Zamak
 Nylon
 Acero

MATERIALS
 Aluminium extrude
 Zamak
 Nylon
 Steel

MATÉRIELS
 Aluminium extrusioné
 Zamak
 Nylon
 Acier

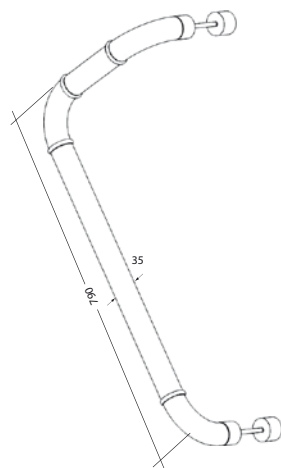


2 **Ref. 3073 (310 mm)**



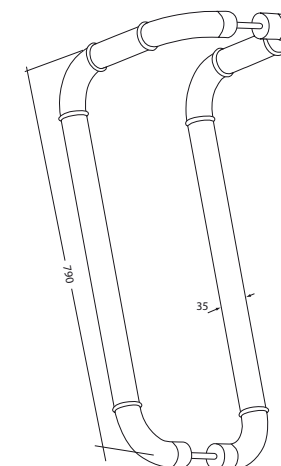
1 **Ref. 3077 (310 mm)**

Ref. 3075 750 mm
Ref. 3072 1110 mm



2 **Ref. 3075 / 3072**

Ref. 3071 750 mm
Ref. 3076 1110 mm



1 **Ref. 3071 / 3076**

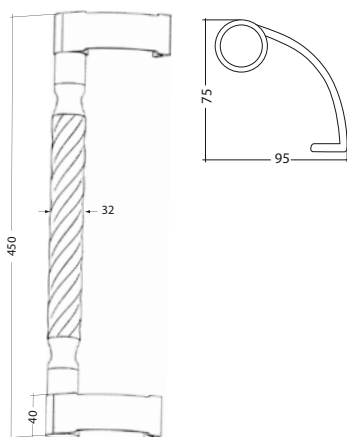


- Tiradores ambidiestros para puertas de aluminio, cristal o madera. Simples y dobles.
- ✠ Reversible door handle for aluminium, wooden and glass doors. Single or double.
- Reversible poignée pour les portes d'aluminium, bois et verre. Disponible simple ou double.

MATERIALES
Aluminio extrusionado
Zamak
Nylon
Acero

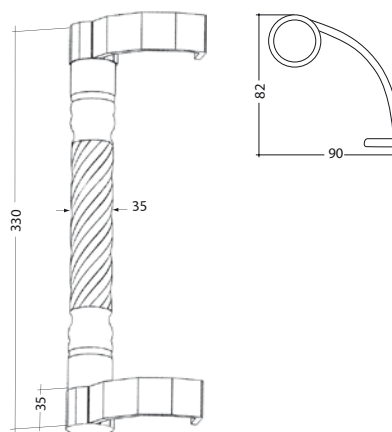
MATERIALS
Aluminium extrude
Zamak
Nylon
Steel

MATÉRIELS
Aluminium extrusioné
Zamak
Nylon
Acier



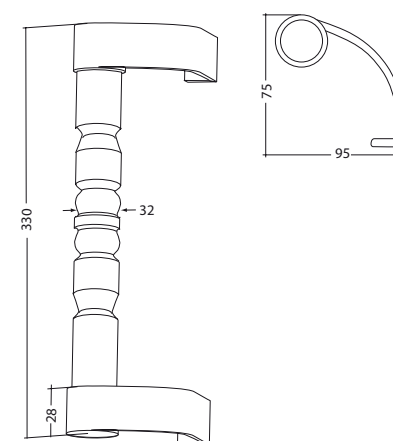
4

Ref. 3013



4

Ref. 3014



4

Ref. 3027



Tiradores ambidiestros para puertas de aluminio, cristal o madera. Simples y dobles.

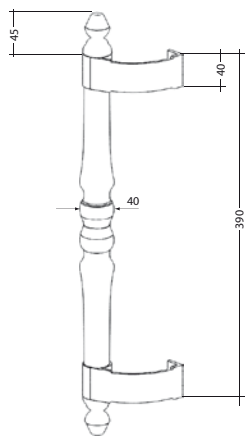
Reversible door handle for aluminium, wooden and glass doors. Single or double.

Reversible poignée pour les portes d'aluminium, bois et verre. Disponible simple ou double.

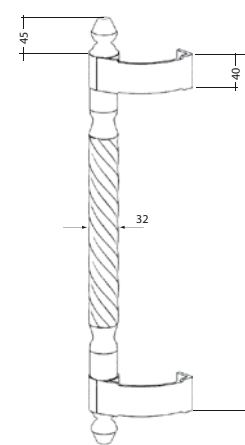
MATERIALES
 Aluminio extrusionado

MATERIALS
 Aluminium extrude

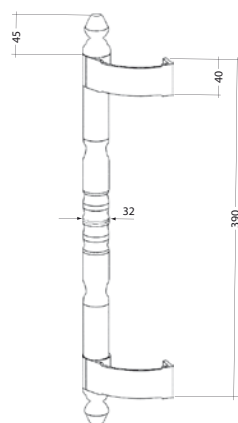
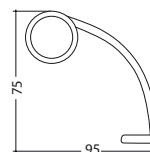
MATÉRIELS
 Aluminium extrusioné



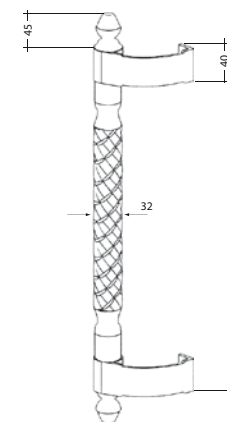
1 **Ref. 3210**



1 **Ref. 3220**



1 **Ref. 3225**



1 **Ref. 3230**



- Tiradores ambidiestros para puertas de aluminio, cristal o madera. Simples y dobles.
- ✚ Reversible door handle for aluminium, wooden and glass doors. Single or double.
- Reversible poignée pour les portes d'aluminium, bois et verre. Disponible simple ou double.

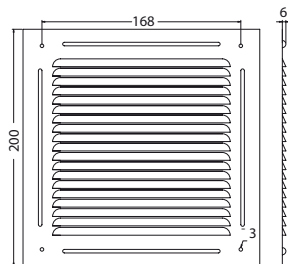
MATERIALES
 Aluminio extrusionado

MATERIALS
 Aluminium extrude

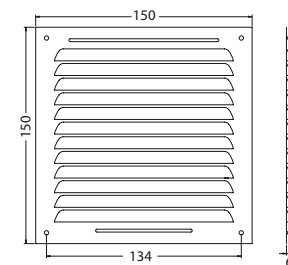
MATÉRIELS
 Aluminium extrusioné

REJILLAS
VENTILATION GRILLE
GRILLE DE VENTILATION

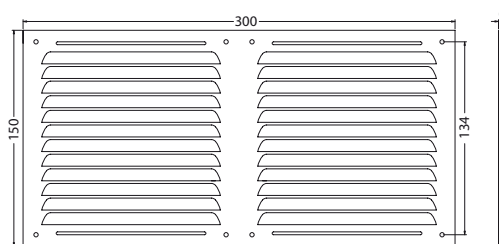




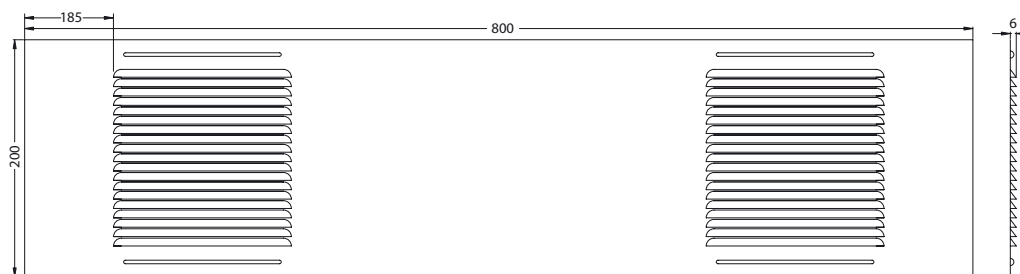
50 **Ref. 4303**



50 **Ref. 4300**



50 **Ref. 4305**



50 **Ref. 4306**



Rejillas de ventilación con diferentes medidas.

Ventilation grille with different measures.

Grille de ventilation. Différentes mesures.

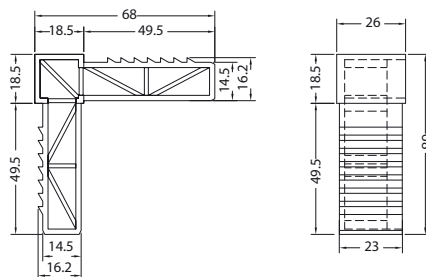
MATERIALES
Aluminio

MATERIALS
Aluminium

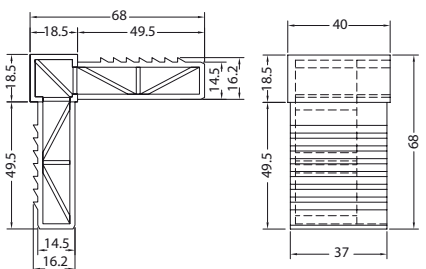
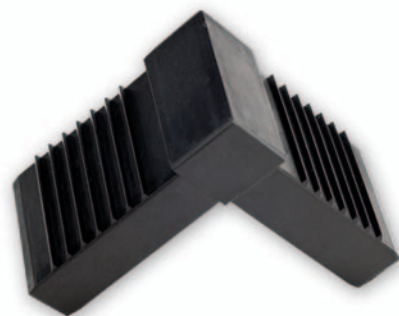
MATÉRIELS
Aluminium

ACCESORIOS VARIOS
ACCESSORIES
ACCESSOIRES

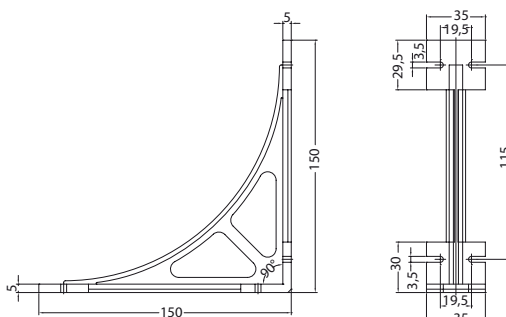




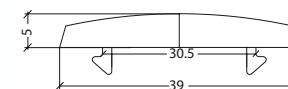
600 **Ref. 6050**



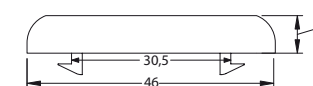
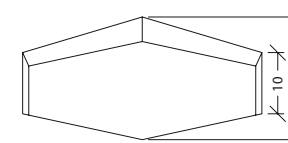
400 **Ref. 6060**



200 **Ref. 6070**



500 **Ref. 4230**



500 **Ref. 4232**



Escuadras para ensamble de los premarcos para puertas y ventanas; tapas vierteaguas para el drenaje de puertas y ventanas.

Nylon corners for doors and window frames and water drainage covers.

Esquerre pour fenêtre et busettes pour évacuation d'eau.

MATERIALES
Nylon

MATERIALS
Nylon

MATÉRIELS
Nylon

TAPAS DE NYLON PARA TUBOS CUADRADOS Y RECTANGULARES



500
Ref. 6000



500
Ref. 6005



500
Ref. 6010



500
Ref. 6015

Ref. 6000 20x20 mm
Ref. 6005 30x15 mm
Ref. 6010 40x20 mm
Ref. 6015 40x40 mm

TACOS DE NYLON PARA TUBO.
NYLON CAPS FOR TUBES.
BOUCHONS EN NYLON POUR LES TUYEAUX.



500
Ref. 6100



500
Ref. 6105



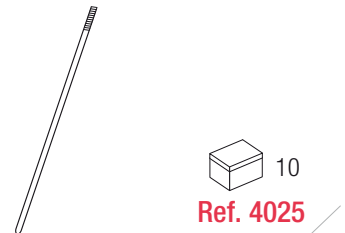
500
Ref. 6110



500
Ref. 6115

Ref. 6100 20x20 mm
Ref. 6105 30x15 mm
Ref. 6110 40x20 mm
Ref. 6115 40x40 mm

TAPAS DE NYLON PARA TUBO.
NYLON CAPS FOR TUBES.
BOUCHONS EN NYLON POUR LES TUYEAUX.



10
Ref. 4025

VARILLA DE HIERRO PARA CREMONA.
IRON STICK FOR CREMONE.
BARRE EN FER POUR LES CRÉMONES.

Ref. 4025 500 mm
Ref. 4025 1000 mm
Ref. 4025 1200 mm
Ref. 4025 1500 mm



Ref. 4028-P

BULON PARA DESLIZAMIENTO DE PLETINA CREMONA (PEQUEÑO / GRANDE)
MOVEMENT BOLT FOR CREMONE (SMALL / BIG)
AXE POUR LES CRÉMONES (PETITE / GRANDE)

Ref. 4028-P 500 mm
Ref. 4028-G 500 mm



100
Ref. 4028-G



100
Ref. 4030

CASQUILLO GUÍA DE NYLON BLANCO / NEGRO
NYLON GUIDE FITTING (BLACK & WHITE)
GÂCHE EN NYLON (BLANCHE ET NOIR)



100
Ref. 6020

ARANDELA SUPLEMENTO BISAGRA DE Ø7 mm. Y Ø8 mm.
SUPPORT GROBER HINGE OF Ø7 mm. Y Ø8 mm.



50
Ref. 4026

TUERCA CIEGA DE ALUMINIO M-8
BLIND NUT OF ALUMINIUM M-8
ECLOU D'ALUMINIUM M-8



50
Ref. 4027

ESPARRAGO DE M-8
SCREW M-8
VIS M-8



Ref. 6800

GARRAS DE SUJECCIÓN
STEEL FRAME SUPPORT
SUPPORT POUR LE CADRE



200
Ref. 6822

CANTONERA ZAMAK - S -ALFIL
ZAMAK NUT ALFIL SERIE
BOUCHON SERIE ALFIL



200
Ref. 6823

CANTONERA ZAMAK
ZAMAK NUT
BOUCHON



200
Ref. 6024

CANTONERA ZAMAK
ZAMAK NUT
BOUCHON



4 **Ref. 6099**



700 **Ref. 6092**



700 **Ref. 6090**



700 **Ref. 6088**



900 **Ref. 6086**



900 **Ref. 6085**



1000 **Ref. 6084**



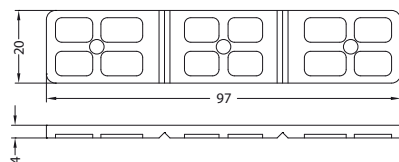
1000 **Ref. 6083**



1000 **Ref. 6082**



1000 **Ref. 6081**



Ref. 6092	97x20x12 mm
Ref. 6090	97x20x9 mm
Ref. 6088	97x20x8 mm

Ref. 6086	97x20x6 mm
Ref. 6085	97x20x5 mm
Ref. 6084	97x20x4 mm

Ref. 6083	97x20x3 mm
Ref. 6082	97x20x2 mm
Ref. 6081	97x20x1 mm



Calzos de nylon para colocación de vidrios.

Plastic wedge for glass.

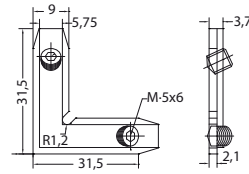
Cale en plastic pour des vitres.

MATERIALES
Nylon

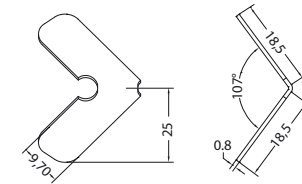
MATERIALS
Nylon

MATÉRIELS
Nylon

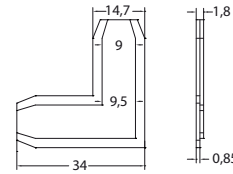
ESCUADRAS DE ALINEACIÓN PARA PUERTAS Y VENTANAS
 ALIGNMENT CORNERS
 ÉQUERRES D'ALIGNEMENT



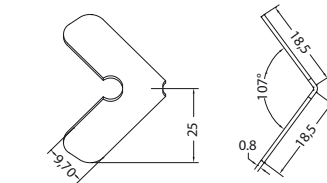
100 **Ref. 6030 (ZAMAK)**



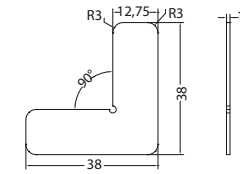
100 **Ref. 6042 (HIERRO)**



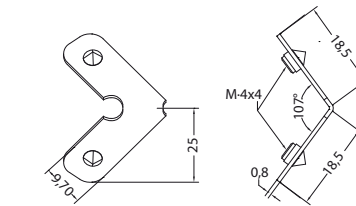
100 **Ref. 6031 (ZAMAK)**



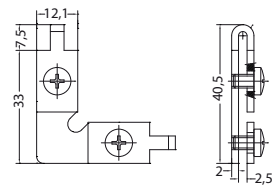
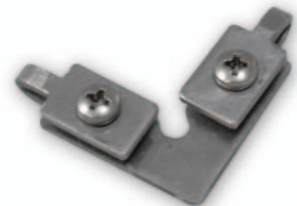
100 **Ref. 6042-I (INOX)**



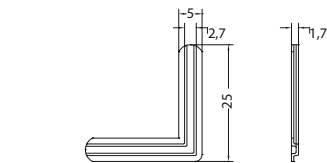
100 **Ref. 6040 (INOX)**



100 **Ref. 6043 (HIERRO)**



100 **Ref. 6041 (HIERRO) / 6041-I (INOX)**



100 **Ref. 6044-I (INOX)**



Escuadras de alineación para puertas y ventanas.

Alignment corners.

Équerres d'alignement.

MATERIALES

Hierro
 Acero inox
 Aluminio

MATERIALS

Iron
 Stainless steel
 Aluminium

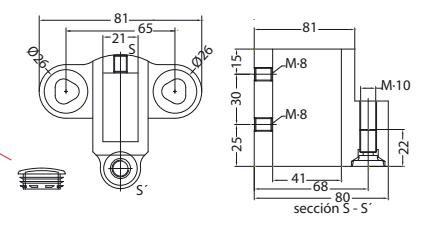
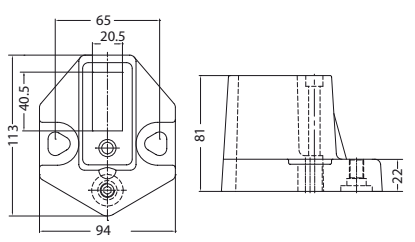
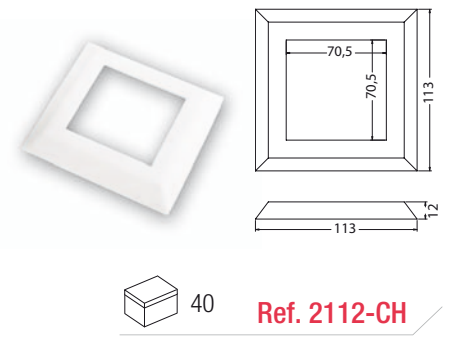
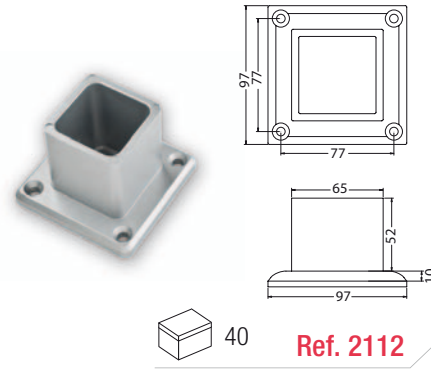
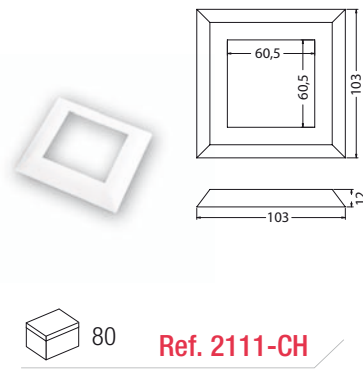
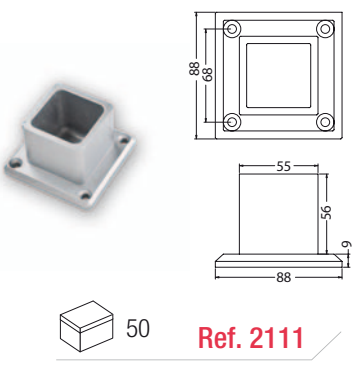
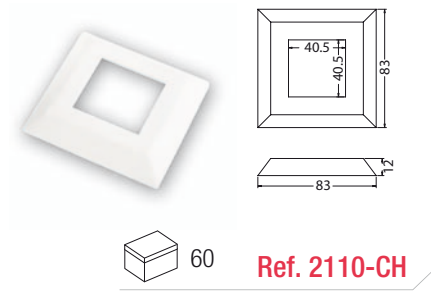
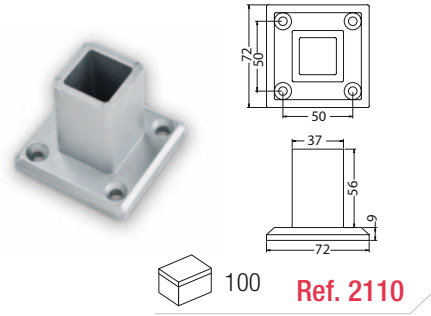
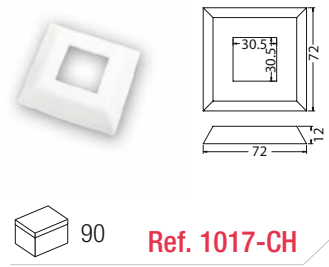
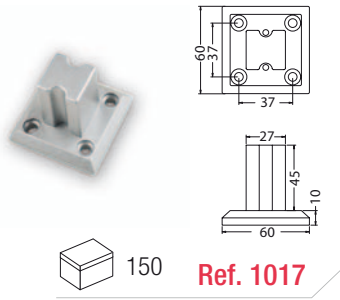
MATÉRIELS

Fer
 Acier inoxydable
 Aluminium

BARANDILLAS (ACCESORIOS)
HANDRAIL (ACCESSORIES)
BALUSTRADE (ACCESSOIRES)



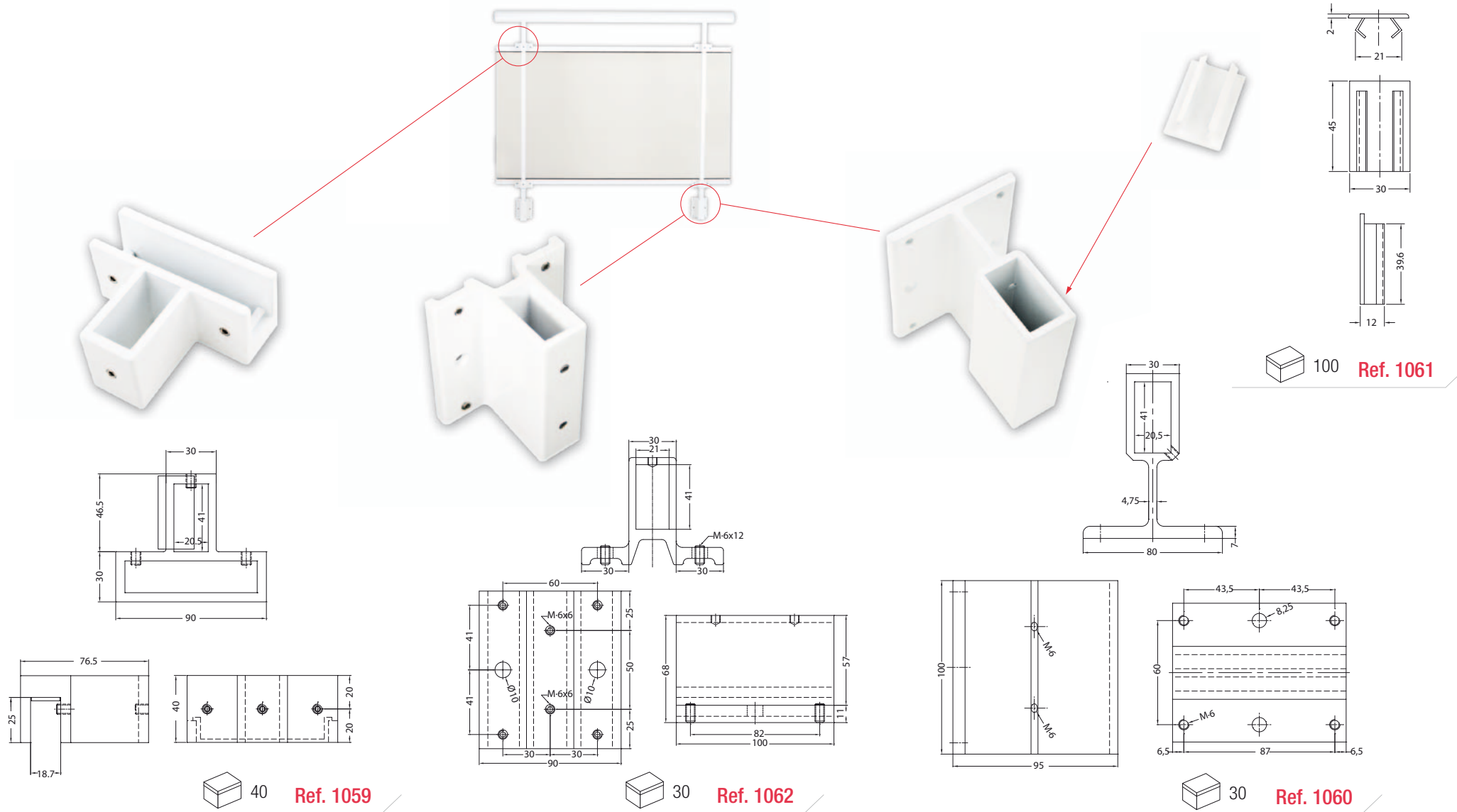
BASES PIE DE BARANDILLAS Y EMBELLECEDORES
FLOOR BASE SUPPORT FOR BALCONY + ALUMINIUM PLUG
SABOT D'ALUMINIUM POUR LE BALCON + BOUCHON D'ALUMINIUM



- Base pie de barandillas para diferentes medidas de perfil.
- Floor base support for balcony and aluminium plug for different measures.
- Sabot aluminium fusioné pour le balcon avec different mesures.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

SOPORTES FIJACIÓN VIDRIOS
 GLASS CAMP
 FIXAGE POUR LE VITRE



40 **Ref. 1059**

30 **Ref. 1062**

30 **Ref. 1060**

100 **Ref. 1061**



Soportes fijación vidrios.

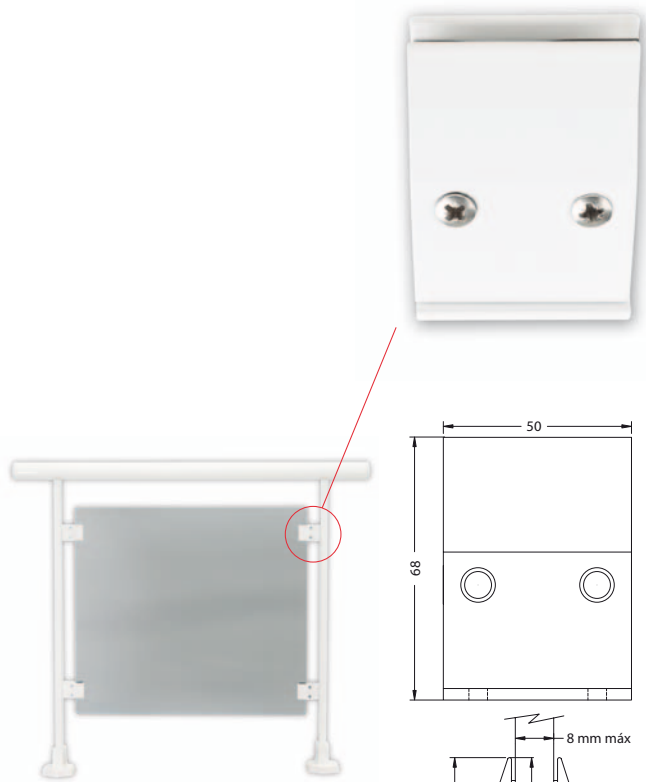
Glass camp.

Fixage pour le vitre.

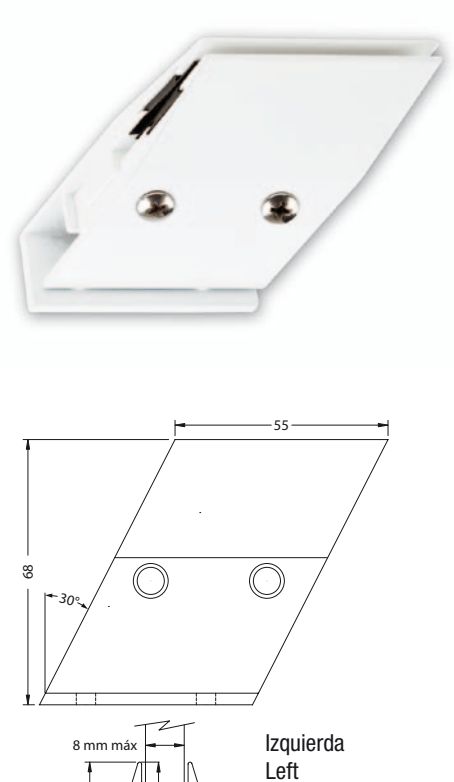
MATERIALES
 Aluminio extrusionado

MATERIALS
 Aluminium extruded

MATÉRIELS
 Aluminium extrusioné

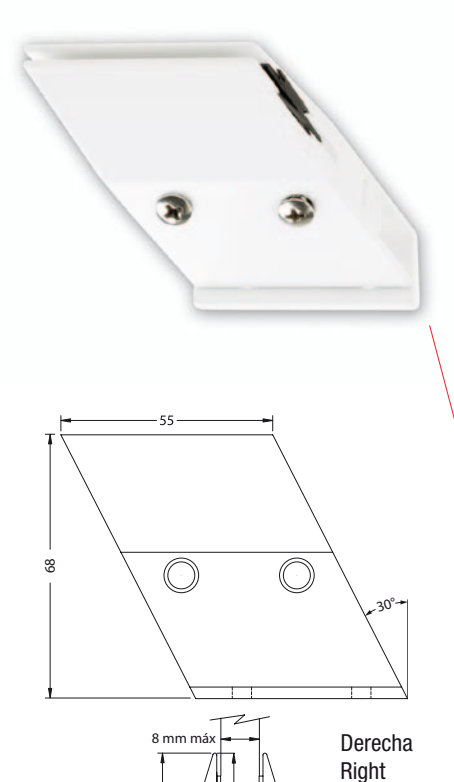


40 **Ref. ART-3**



30 **Ref. ART-5**

Izquierda
Left
Gauche



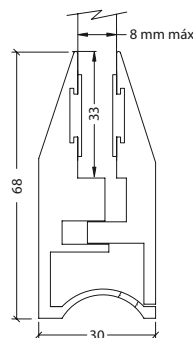
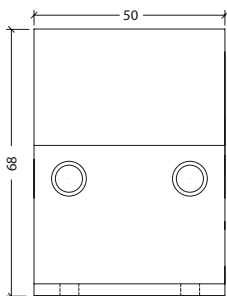
100 **Ref. ART-4**

Derecha
Right
Droite

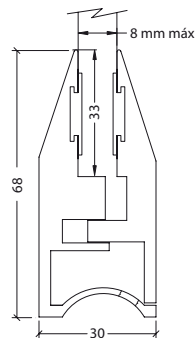
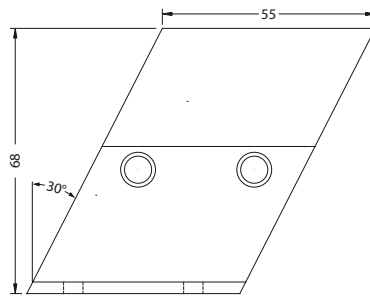
- Pinzas soportes vidrios rectas e inclinadas.
- ✠ Glass fastening, straight and lean.
- Fixage pour le vitré, droit et incliné

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

PINZAS SOPORTES VIDRIOS PARA TUBOS
FASTENING CLAMP FOR TUBES
FIXAGE POUR TUYAUX

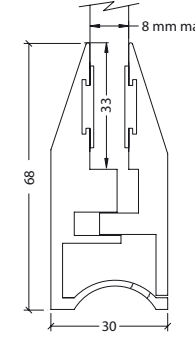
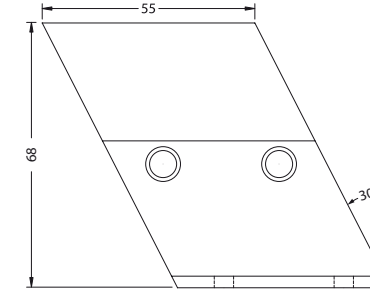


20 **Ref. ART-3-R**



Izquierda - Left - Gauche

20 **Ref. ART-5-R**



Derecha - Right - Droite

20 **Ref. ART-4-R**



Pinzas soportes vidrios para tubos rectas e inclinadas.

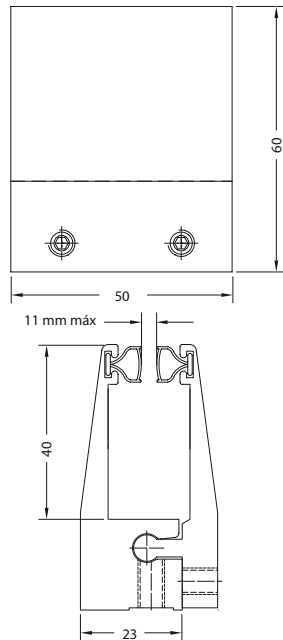
Fastening clamp for tubes, straight and lean.

Fixage pour tuyaux, droit et incliné.

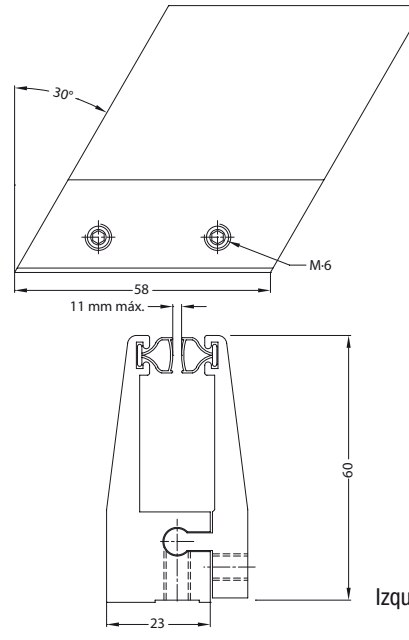
MATERIALES
Aluminio extrusionado

MATERIALS
Aluminium extruded

MATÉRIELS
Aluminium extrusé

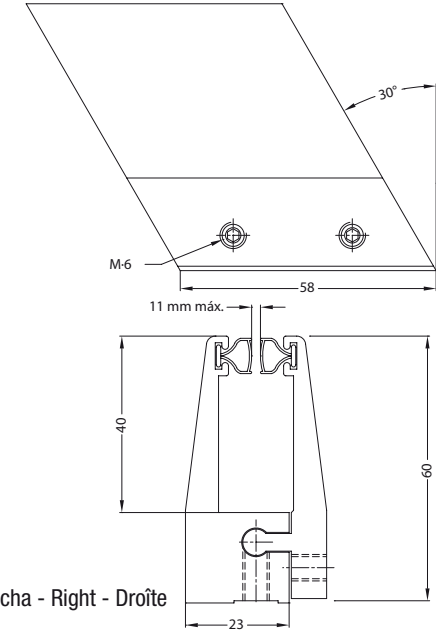


25 **Ref. ART-6**



20 **Ref. ART-8**

Izquierda - Left - Gauche



20 **Ref. ART-7**

Derecha - Right - Droite



Pinzas soportes vidrios rectas e inclinadas.

Fastening clamp for glass straight and lean.

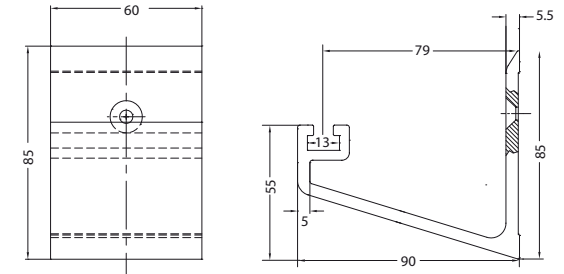
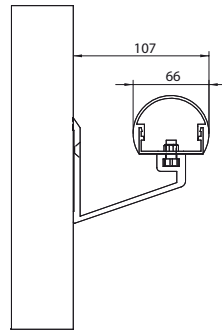
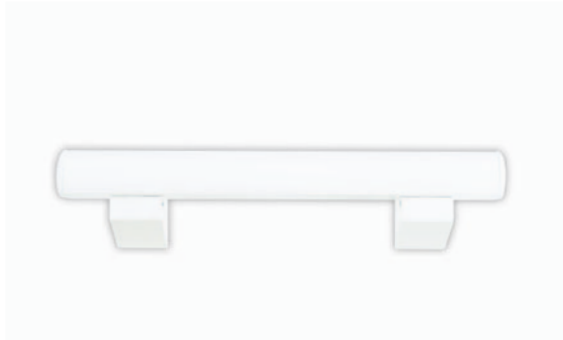
Fixage pour le vitre droit et incliné.

MATERIALES
Aluminio extrusionado

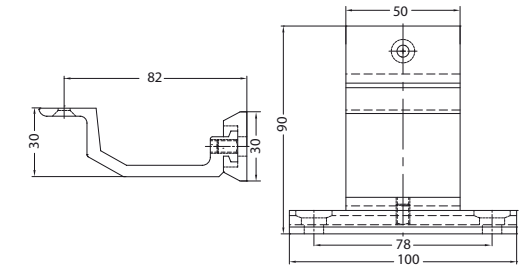
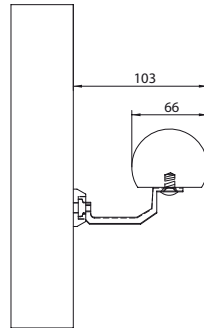
MATERIALS
Aluminium extruded

MATÉRIELS
Aluminium extrusioné

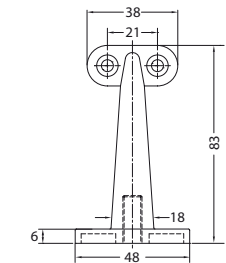
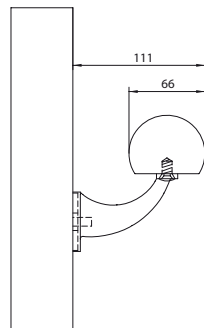
SOPORTES FIJACIÓN PASAMANOS A MURO
 WALL CLAMP
 FIXAGE AU MUR



8 **Ref. 1018**



14 **Ref. 1040**



8 **Ref. 1041**



Soportes fijación pasamanos a muro.

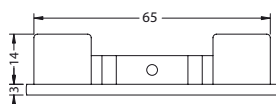
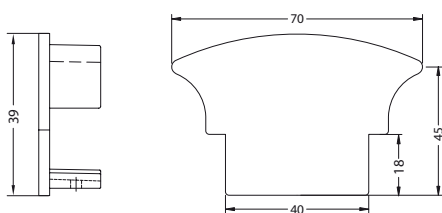
Wall clamp.

Fixage au mur.

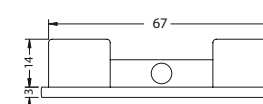
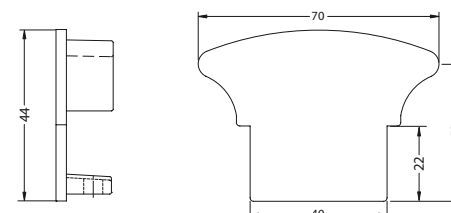
MATERIALES
 Aluminio extrusionado
 Zamak

MATERIALS
 Aluminium extruded
 Zamak

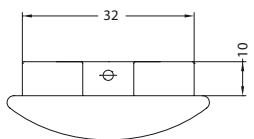
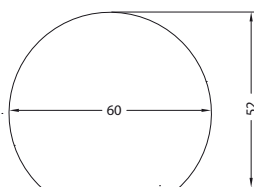
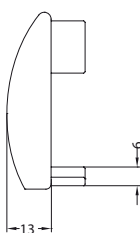
MATÉRIELS
 Aluminium extrusioné
 Zamak



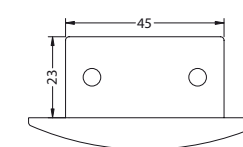
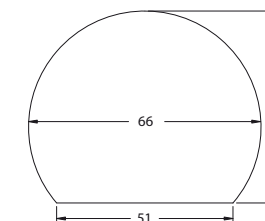
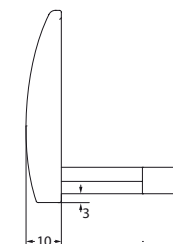
 50 **Ref. 1008-ZK**



 50 **Ref. 1009-ZK**





 50 **Ref. 4038-ZK**



 50 **Ref. 4040-ZK**



 Remates pasamanos.

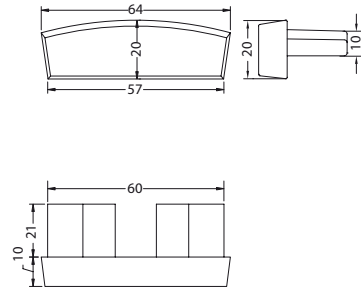
 Handrail plugs.

 Balustrades bouchons.

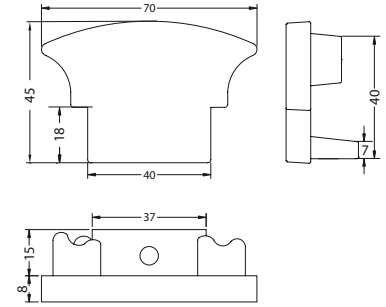
MATERIALES
Zamak

MATERIALS
Zamak

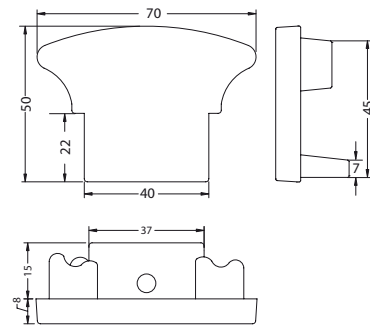
MATÉRIELS
Zamak



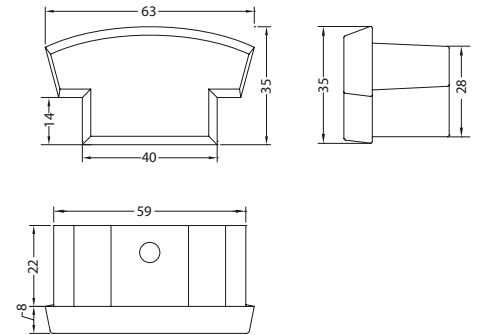
50 **Ref. 1007**



50 **Ref. 1008**



50 **Ref. 1009**



50 **Ref. 1010**



Remates pasamanos.

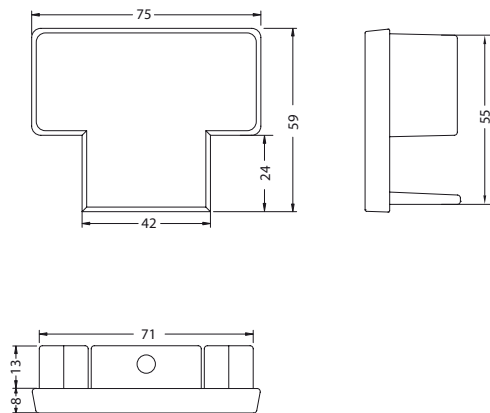
Handrail plugs.

Balustrades bouchons.

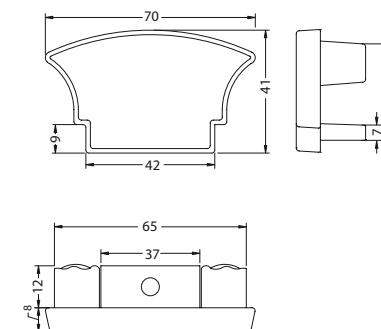
MATERIALES
Aluminio inyectado

MATERIALS
Die cast aluminium

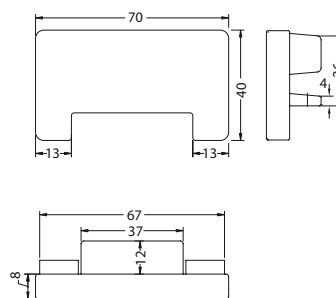
MATÉRIELS
Aluminium moulé sous pression



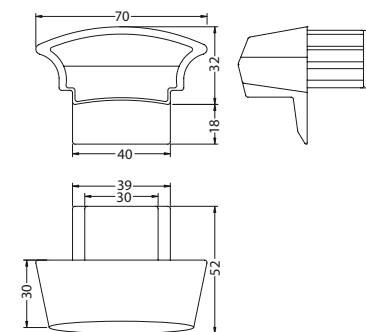
30 **Ref. 1013**



50 **Ref. 1014**



50 **Ref. 1016**



25 **Ref. 4037**



Remates pasamanos.

Handrail plugs.

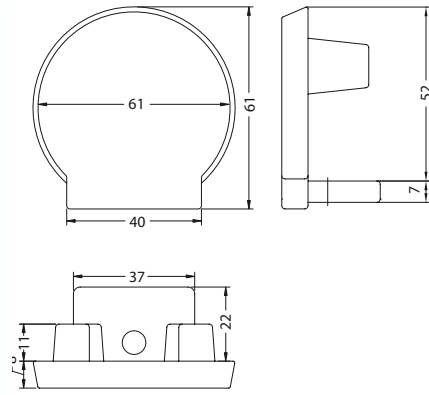
Balustrades bouchons.

MATERIALES
Aluminio inyectado

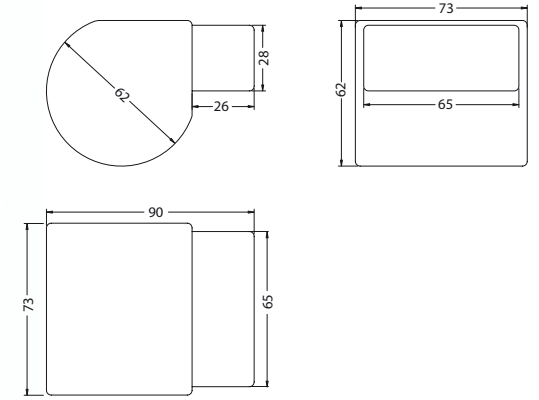
MATERIALS
Die cast aluminium

MATÉRIELS
Aluminium moulé sous pression

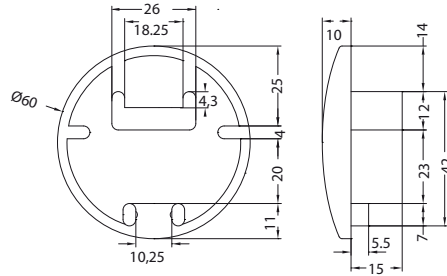
REMATES PASAMANOS
PLUGS
BOUCHONS



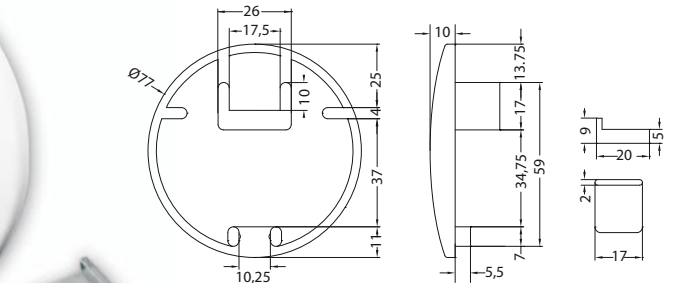
50 **Ref. 4038**



6 **Ref. 4039**



50 **Ref. 4041-ZK**



50 **Ref. 4042-ZK**



Remates pasamanos.

Handrail plugs.

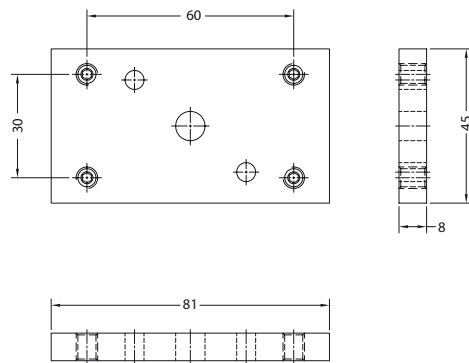
Balaustrades bouchons.

MATERIALES
Aluminio inyectado

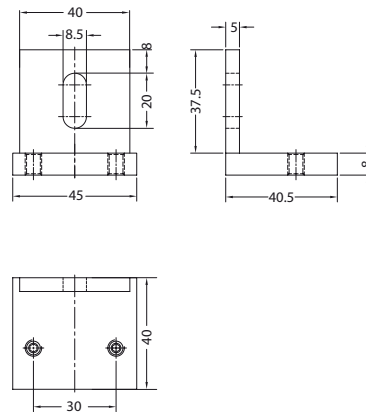
MATERIALS
Die cast aluminium

MATÉRIELS
Aluminium moulé sous pression

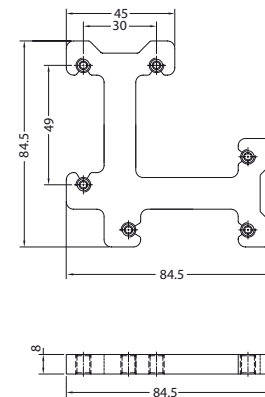
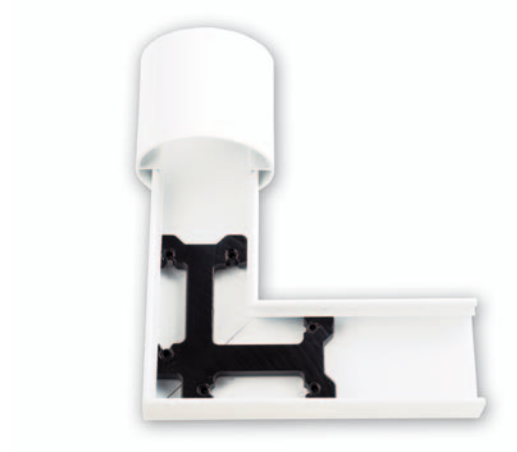
ESCUADRAS Y UNIONES PARA BARANDILLAS
 CORNER AND JOINS FOR BALUSTRADES
 ESQUERRE ET RACCORDS POUR BALUSTRADES



50 **Ref. 1054**



50 **Ref. 1055**



25 **Ref. 1056**

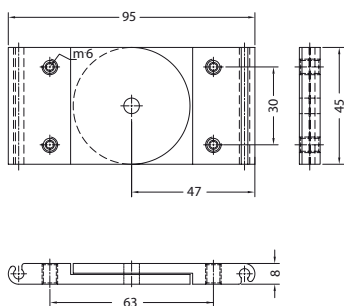


- Escuadras y uniones para barandillas fijas.
- Corners and joins for balustrades, fix.
- Esquerre et raccords pour balustrades, fix.

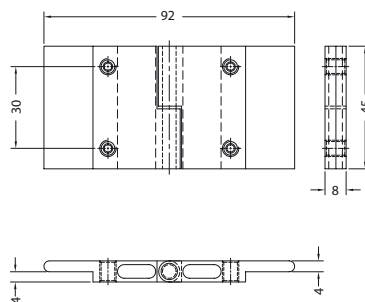
MATERIALES
Aluminio extrusionado

MATERIALS
Aluminium extruded

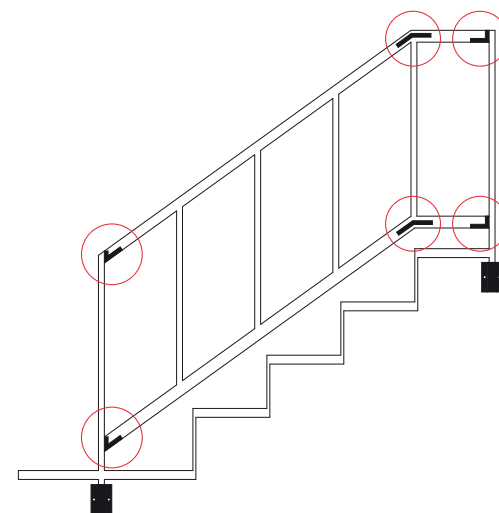
MATÉRIELS
Aluminium extrusé



50 **Ref. 1057**



50 **Ref. 1058**



- Escuadras angulo variable para barandillas.
- ✚ Corner and joins for balustrades (adjustable).
- Esquerre et raccords pour balustrades (régulable).

MATERIALES
Aluminio extrusionado

MATERIALS
Aluminium extruded

MATÉRIELS
Aluminium extrusioné

3 **Ref. 20**
 4 **Ref. 4060-R (60x60 mm)**
Ref. 4061-R (70x70 mm)
 6 **Ref. 4060 (60x60 mm)**
Ref. 4061 (70x70 mm)
 3 **Ref. 22**
 6 **Ref. 4050 (60x60 mm)**
Ref. 4051 (70x70 mm)
Ref. 4052 (80x80 mm)

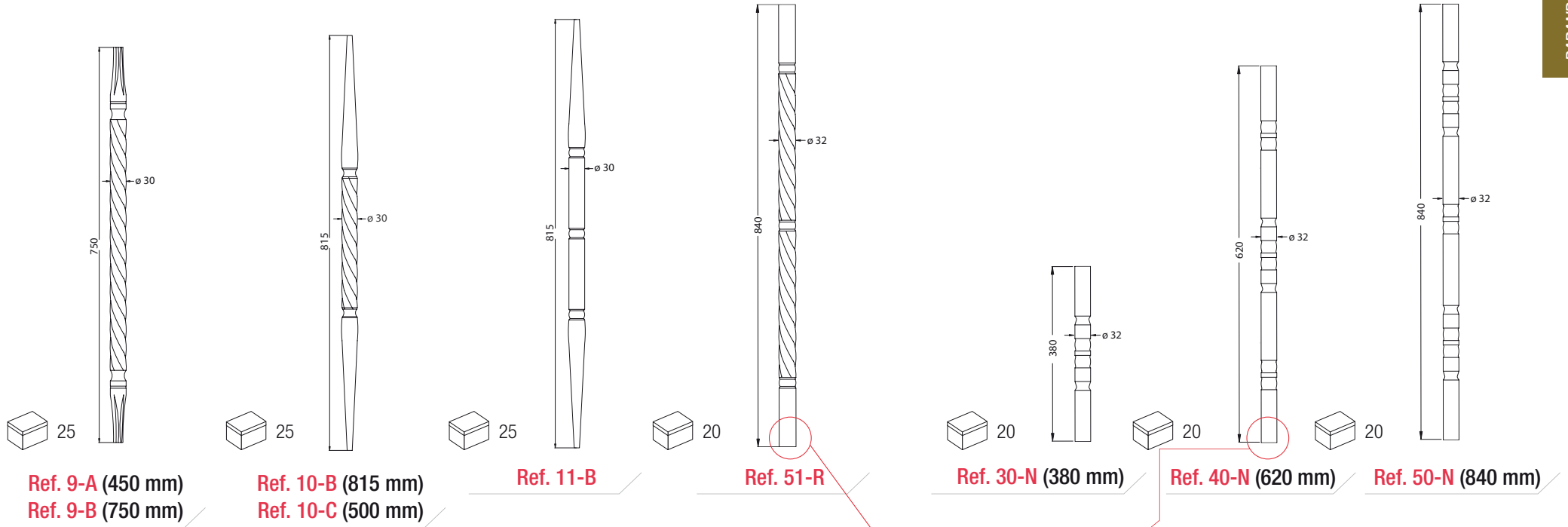
Columnas y remates para barandillas de distintas medidas y con diferentes diseños.
 Balusters. Different sizes and designs.
 Balustres. Différentes mesures et dessins.

MATERIALES Aluminio inyectado	MATERIALS Die-cast aluminium	MATÉRIELS Aluminium moulé sous pression
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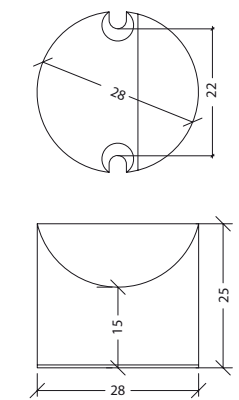
	<p>Ref. 23</p>	<p>Ref. 23 P</p>
<p>Ref. 2101 (60x60 mm) Ref. 2102 (70x70 mm)</p>	<p>Ref. 23</p>	<p>Ref. 2140 (70x70 mm)</p>
<p>Ref. 2103 (60x60 mm) Ref. 2104 (70x70 mm)</p>		<p>Ref. 23 P</p>

<ul style="list-style-type: none"> ■ Remates para columnas de distintas medidas y con diferentes diseños. ✳ Crown ends balusters with different sizes and designs. ■ Couronnement pour balustres. Différentes mesures et dessins. 	<table border="0"> <tr> <td style="vertical-align: top;"> <p>MATERIALES Aluminio inyectado</p> </td> <td style="vertical-align: top;"> <p>MATERIALS Die-cast aluminium</p> </td> <td style="vertical-align: top;"> <p>MATÉRIELS Aluminium moulé sous pression</p> </td> </tr> </table>	<p>MATERIALES Aluminio inyectado</p>	<p>MATERIALS Die-cast aluminium</p>	<p>MATÉRIELS Aluminium moulé sous pression</p>
<p>MATERIALES Aluminio inyectado</p>	<p>MATERIALS Die-cast aluminium</p>	<p>MATÉRIELS Aluminium moulé sous pression</p>		

TUBOS DECORATIVOS PARA BARANDILLAS “SIN ROTULA”
 DECORATIVE TUBES FOR BALUSTRADES
 TUYAUX DECORATIVE POUR BALUSTRADES



Casquillo nylon.
Fijación interior tubo barandilla



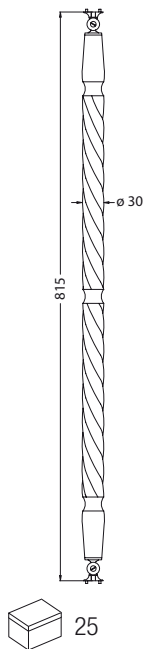
1000 **Ref. 90-N**



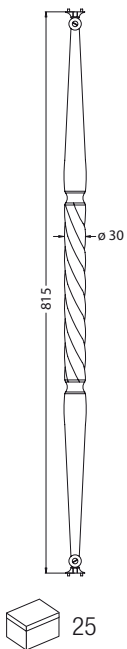
- Tubos decorativos para barandillas rectas e inclinadas. Disponibles en diferentes medidas y acabados.
- Decorative tubes for balusters. Available in different measures and finishes.
- Tuyaux decorative pour balustrades. Différentes mesures et dessins.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusé

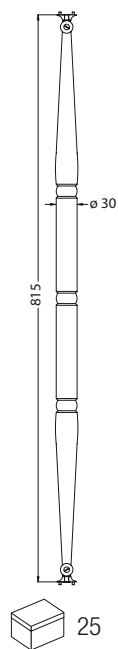
TUBOS DECORATIVOS PARA BARANDILLAS “CON ROTULA”
 DECORATIVES TUBES FOR BALUSTRADES
 TUYAUX DECORATIVE POUR BALUSTRADES



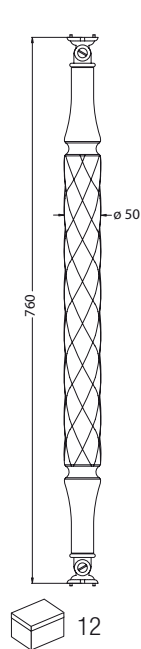
Ref. 8-AR (450 mm)
 Ref. 8-BR (815 mm)



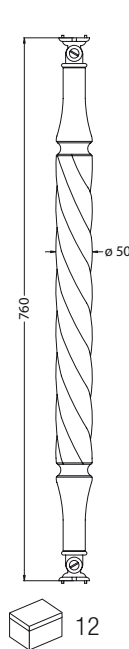
Ref. 10-BR



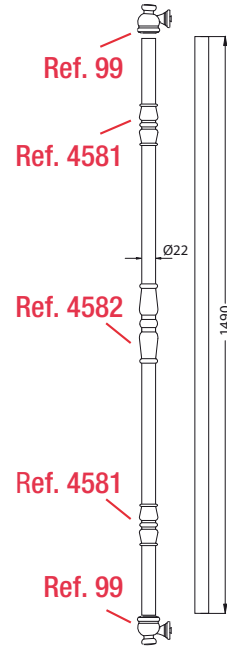
Ref. 11-BR



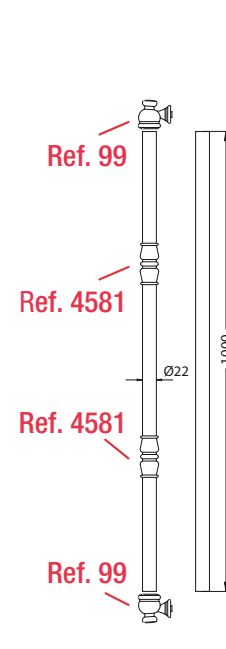
Ref. 14-BR



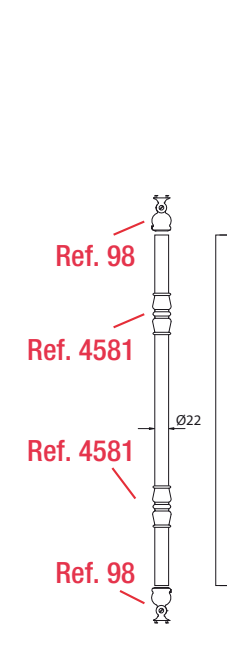
Ref. 16-BR



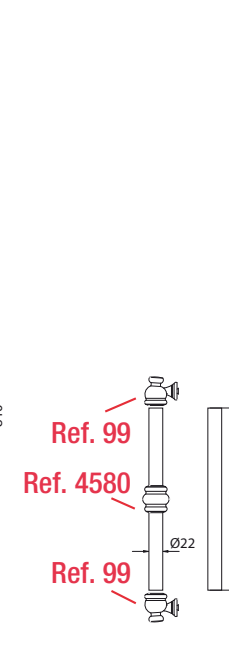
Ref. 4593
 (1490 mm)



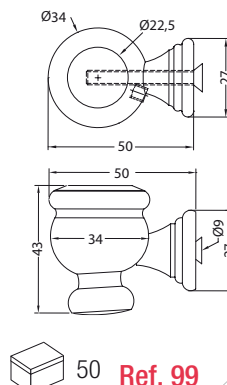
Ref. 4592
 (1000 mm)



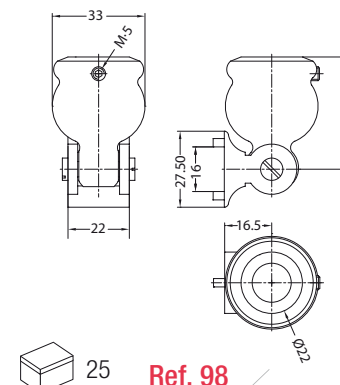
Ref. 4591
 (840 mm)



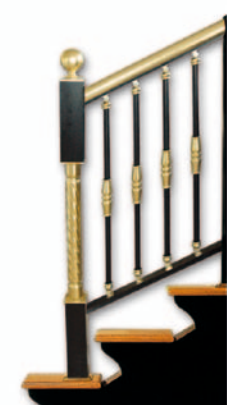
Ref. 4590
 (450 mm)



Ref. 99



Ref. 98



■ Tubos decorativos para barandillas rectas e inclinadas. Disponibles en diferentes medidas y acabados.

✚ Decorative tubes for balaustrades. Available in different measures and finishes.

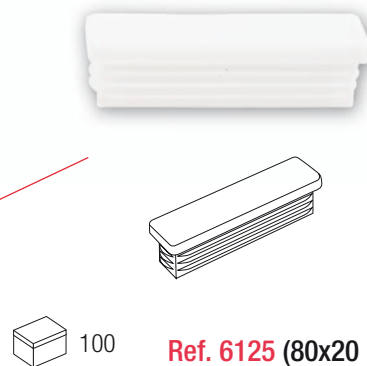
■ Montant decorative pour balaustrades. Differentes mesures et dessins.

MATERIALES
 Aluminio extrusionado

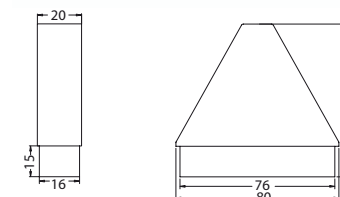
MATERIALS
 Aluminium extruded

MATÉRIELS
 Aluminium extrudé

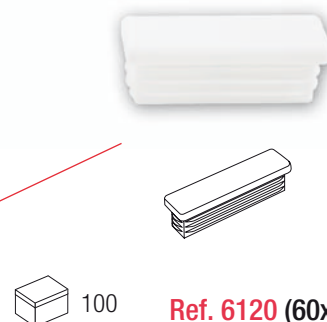
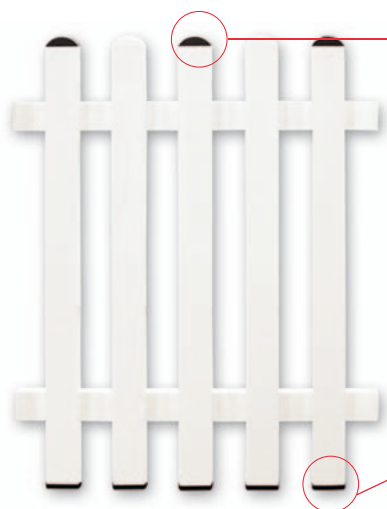
TAPAS DE NYLON PARA VALLAS
 COVERS FOR FENCES
 BOUCHONS LISSES ET SERIES POUR DES CLÔTURES



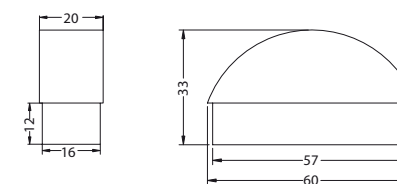
100 **Ref. 6125 (80x20 mm)**



100 **Ref. 6300 (80x20 mm)**



100 **Ref. 6120 (60x20 mm)**



100 **Ref. 6400 (60x20 mm)**



🇪🇸 Tapas de nylon para remates de vallas lisas o estriadas.

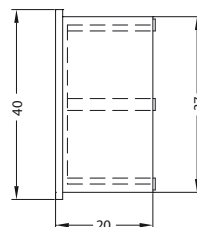
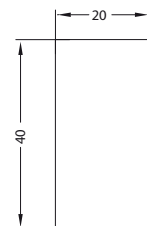
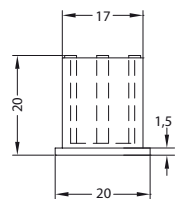
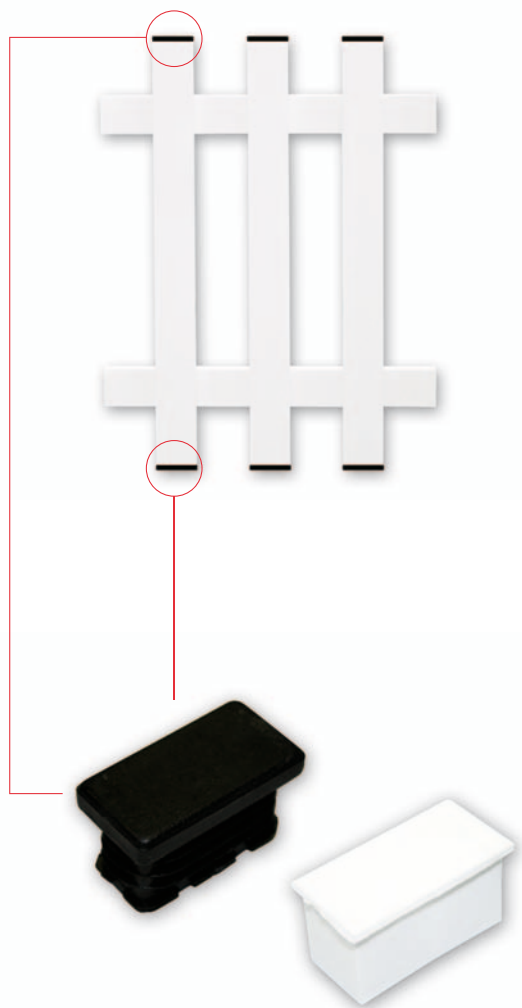
🇬🇧 Covers for fences plain or fluted.

🇫🇷 Bouchons pour des clôtures lisses et striés.

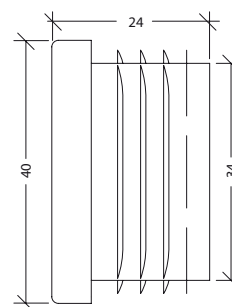
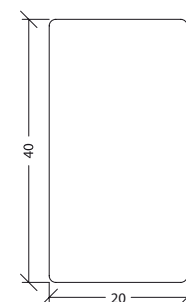
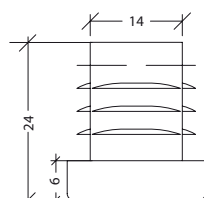
MATERIALES
Nylon

MATERIALS
Nylon

MATÉRIELS
Nylon



Ref. 6000 (20x20 mm)
Ref. 6005 (30x15 mm)
Ref. 6010 (40x20 mm)
Ref. 6015 (40x40 mm)



Ref. 6100 (20x20 mm)
Ref. 6105 (30x15 mm)
Ref. 6110 (40x20 mm)
Ref. 6115 (40x40 mm)
Ref. 6120 (60x20 mm)
Ref. 6125 (80x20 mm)



🇪🇸 Tapas de nylon para remates de vallas lisas o estriadas.

🇬🇧 Plain or fluted covers for fences.

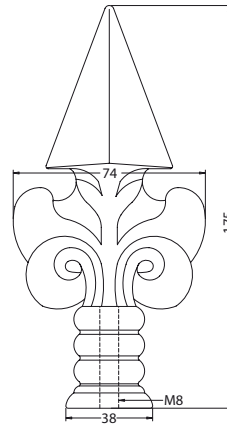
🇫🇷 Bouchons lisses et striés pour des clôtures.

MATERIALES
Nylon

MATERIALS
Nylon

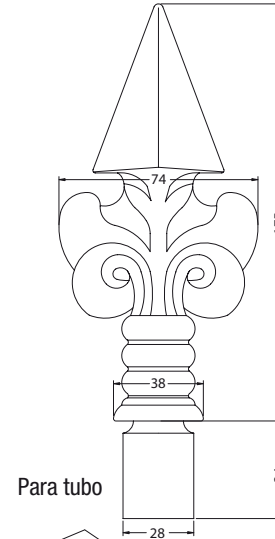
MATÉRIELS
Nylon

REMATES DECORATIVOS PARA VALLAS
 DECORATIVE SPEAR HEAD
 HARPON DECORATIVE



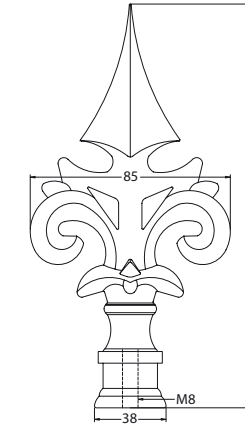
Lisa

10 **2202**



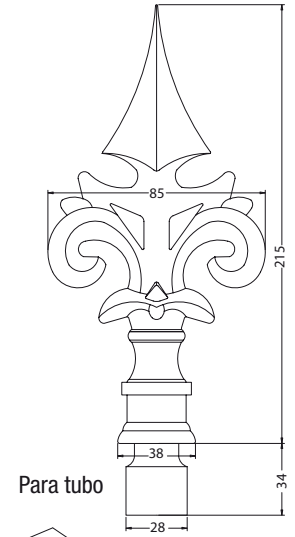
Para tubo

10 **Ref. 2203**



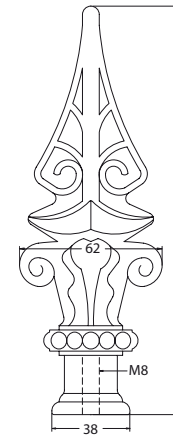
Lisa

6 **Ref. 2204**



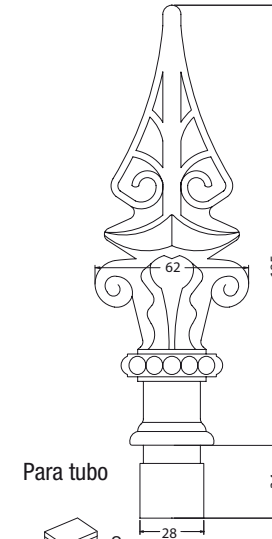
Para tubo

6 **Ref. 2205**



Lisa

8 **Ref. 2206**



Para tubo

8 **Ref. 2207**



Remates decorativos tipo lanza para vallas. Disponibles en diferentes medidas y acabados.

Decorative spear head. Available in different sizes and finishes.

Harpon decorative. Différents mesures et dessins.

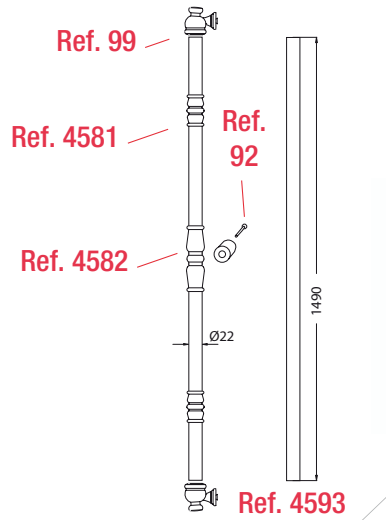
MATERIALES
Aluminio inyectado

MATERIALS
Die-cast aluminium

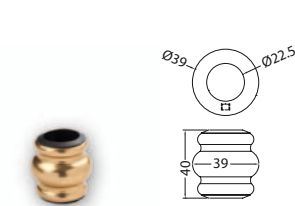
MATÉRIELS
Aluminium moulé sous pression

TUBOS DECORATIVOS PARA PUERTAS
DECORATIVE TUBES FOR DOORS
TUYAUX DECORATIVE POUR PORTES

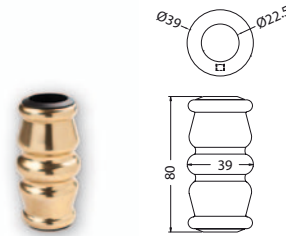




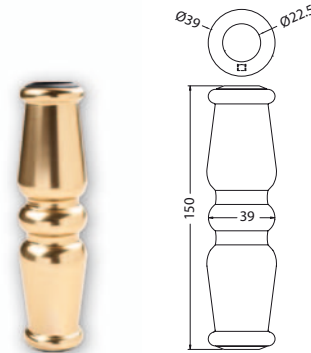
Macollas



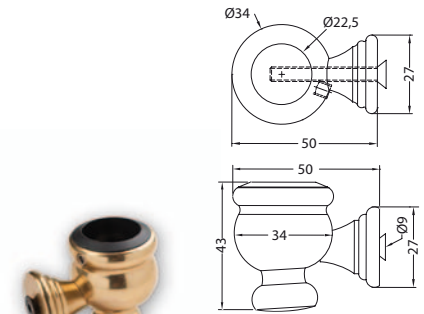
25 **Ref. 4580**



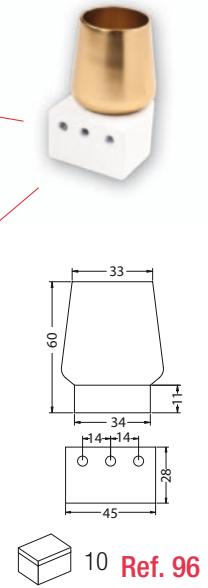
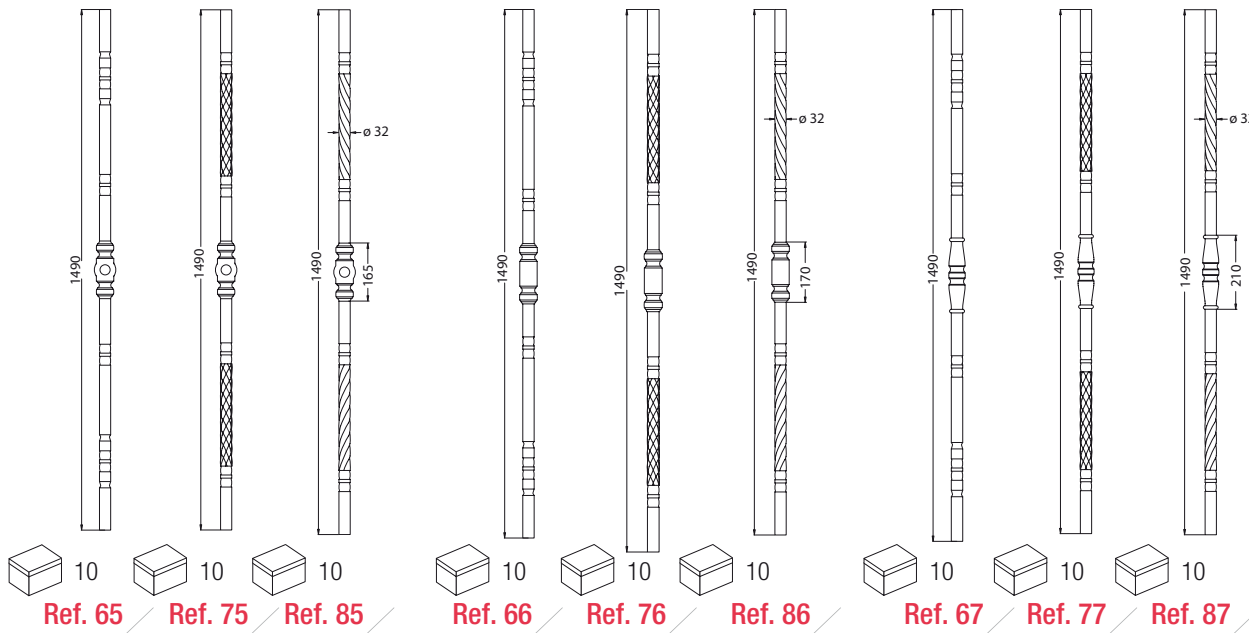
20 **Ref. 4581**



10 **Ref. 4582**



50 **Ref. 99**



■ Tubos decorativos para puertas. Disponible en diferentes medidas y acabados.

✦ Decorative tubes for doors. Different sizes and finishes.

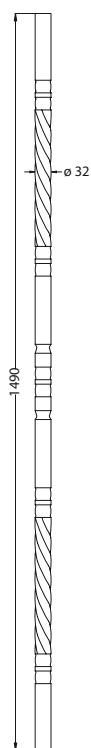
■ Tuyaux decoratives pour portes. Différentes mesures et dessins.

MATERIALES
Aluminio extrusionado

MATERIALS
Aluminium extruded

MATÉRIELS
Aluminium extrusioné

TUBOS DECORATIVOS PARA PUERTAS
 DECORATIVE TUBES FOR DOORS
 TUYAUX DECORATIVES POUR PORTES



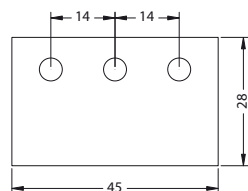
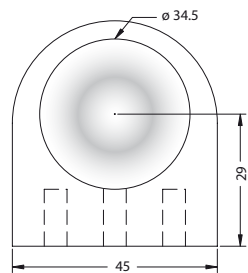
20

Ref. 61-R (1490 mm)
 Ref. 71-R (2000 mm)



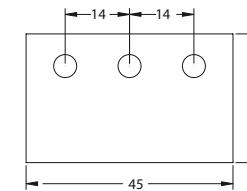
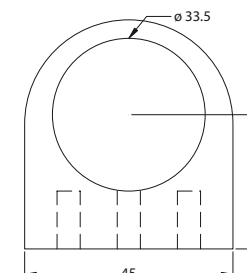
20

Ref. 60-N (1490 mm)
 Ref. 70-N (2000 mm)



45

Ref. 4068-C



45

Ref. 4068-P



🇪🇸 Tubos decorativos para puertas. Disponible en diferentes medidas y acabados.

🇬🇧 Decorative tubes for doors. Different sizes and finishes.

🇫🇷 Tuyaux decoratives pour portes. Différents mesures et dessins.

MATERIALES
 Aluminio extrusionado
 Nylon

MATERIALS
 Aluminium extruded
 Nylon

MATÉRIELS
 Aluminium extrusé
 Nylon



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