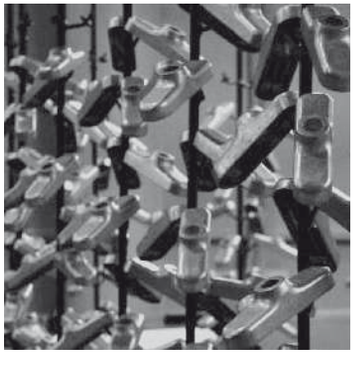
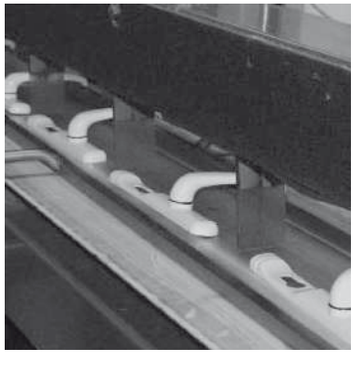
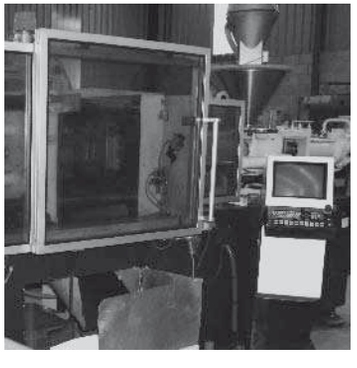


Tovic

CATÁLOGO GENERAL • GENERAL CATALOG • CATALOGUE GÉNÉRAL

Tovic

Catálogo general

PRESENTACIÓN
PRESENTATION
PRÉSENTATION

TOVIC S.L. es una empresa dedicada al diseño, fabricación de herrajes para la carpintería metálica desde1973 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).

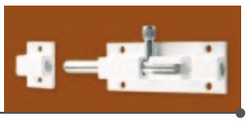
TOVIC S.L. is a manufacturing company of metal accessories with more than 40 years of experience in the market. Continously investing in design and quality we have reached a national leadership and a strong presence in international markets. We are focused on our clients, working on their needs and expectations, 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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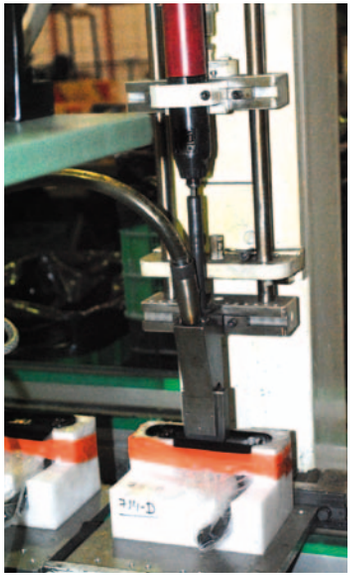
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FACTORY - TOVIC, S.L. LEÓN - SPAIN
USINE DE TOVIC, S.L. À LEÓN - ESPAGNE



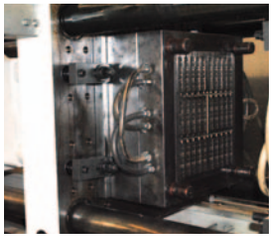












PRODUCCIÓN AUTOMATIZADA
AUTOMATED PRODUCTION SYSTEM
SYSTÈME AUTOMATISÉ DE PRODUCTION



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
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.



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
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.

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

Certificado de Ensayos

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.

Fdo: Asier Maiztegi
Director Dpto. Construcción

CIDEMCO
CENTRO DE INVESTIGACION TECNOLOGICA
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20730 AZPEITIA (Guipúzcoa)
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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.	18035-a

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.

Signed: Asier Maiztegi
Head of Construction Dept.

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

Certificado de Ensayos

EMPRESA	TOVIC, S.L.
DIRECCIÓN	Ctra. León-Benavente, Km. 8 24231 ONZONILLA (LEON)
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

CIDEMCO
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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

NUESTROS ACABADOS
FINISHES
FINITIONS

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.



ORO | ORO ENVEJECIDO (LATONADO) | INOX

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.



PLATA | BRONCE | ORO | NEGRO | INOX

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

LACADO / LACQUERED / LAQUÉ

Aplicación electroestática 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.



RAL 1013 | RAL 1015 | RAL 3005 | RAL 5000 | RAL 5010 | RAL 6002 | RAL 6005 | RAL 6009 | RAL 6028 | RAL 7011 | RAL 7012

RAL 7024 | RAL 7035 | RAL 8007 | RAL 8011 | RAL 8014 | RAL 8019 | RAL 9001 | RAL 9005 | RAL 9006 | RAL 9010 | RAL 9011

Colores orientativos, consultar carta RAL.

Guideline colours only, please check RAL chart.

Couleurs d´orientation, consulter carte RAL.

OSCILOBATIENTE
TILT & TURN
OSCILLO BATANT

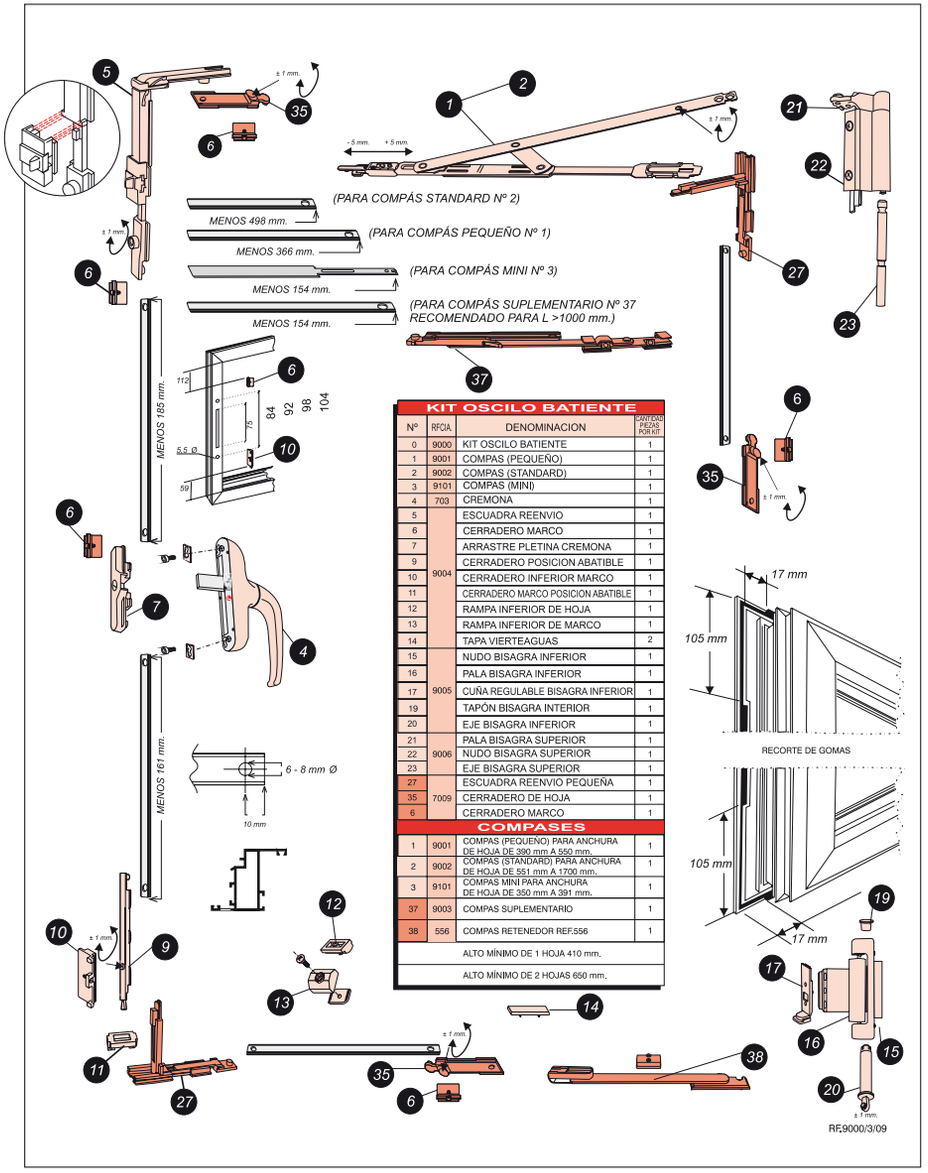


KIT OSCILO BATIENTE
TILT & TURN
KIT OSCILLO BATTANT



1

Ref. 9000



KIT OSCILO BATIENTE

Nº	RFCIA.	DENOMINACION	CONTENIDO PIEZAS POR KIT
0	9000	KIT OSCILO BATIENTE	1
1	9001	COMPAS (PEQUEÑO)	1
2	9002	COMPAS (STANDARD)	1
3	9101	COMPAS (MINI)	1
4	703	CREMONA	1
5	9004	ESCUADRA REENVIO	1
6		CERRADERO MARCO	1
7		ARRASTRE PLETINA CREMONA	1
9		CERRADERO POSICION ABATIBLE	1
10		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	9005	NUDO BISAGRA INFERIOR	1
16		PALA BISAGRA INFERIOR	1
17		CUÑA REGULABLE BISAGRA INFERIOR	1
19		TAPÓN BISAGRA INTERIOR	1
20		EJE BISAGRA INFERIOR	1
21	9006	PALA BISAGRA SUPERIOR	1
22		NUDO BISAGRA SUPERIOR	1
23		EJE BISAGRA SUPERIOR	1
27	7009	ESCUADRA REENVIO PEQUEÑA	1
35		CERRADERO DE HOJA	1
6		CERRADERO MARCO	1

COMPASES

1	9001	COMPAS (PEQUEÑO) PARA ANCHURA DE HOJA DE 390 mm A 550 mm.	1
2	9002	COMPAS (STANDARD) PARA ANCHURA DE HOJA DE 551 mm A 1700 mm.	1
3	9101	COMPAS MINI PARA ANCHURA DE HOJA DE 350 mm A 391 mm.	1
37	9003	COMPAS SUPLEMENTARIO	1
38	556	COMPAS RETENEDOR REF.556	1

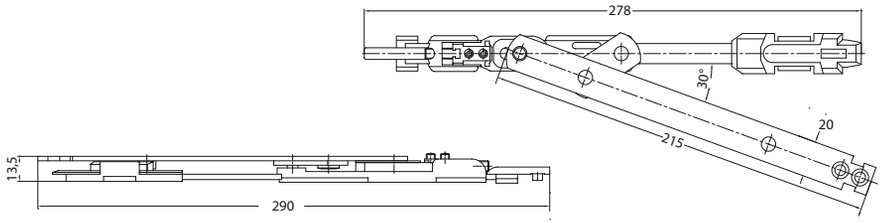
ALTO MÍNIMO DE 1 HOJA 410 mm.

ALTO MÍNIMO DE 2 HOJAS 650 mm.

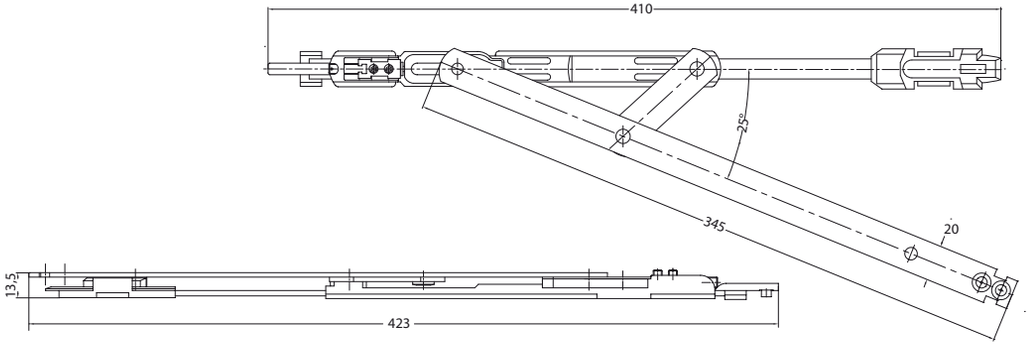
- El kit se compone de los accesorios básicos para la realización de una ventana de una hoja. Incluye plano de montaje. Peso máximo de la hoja: 120 kg.
- The kit contains the Basic accesories for the assembly of one window and assembly instructions. Maximum leafs weight: 120 kg.
- Le kit comprends quincallerie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

MATERIALES	MATERIALS	MATÉRIELS
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression
Nylon	Nylon	Nylon
Zamak	Zamak	Zamak
Acero inoxidable	Stainless steel	Acier inoxydable
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné



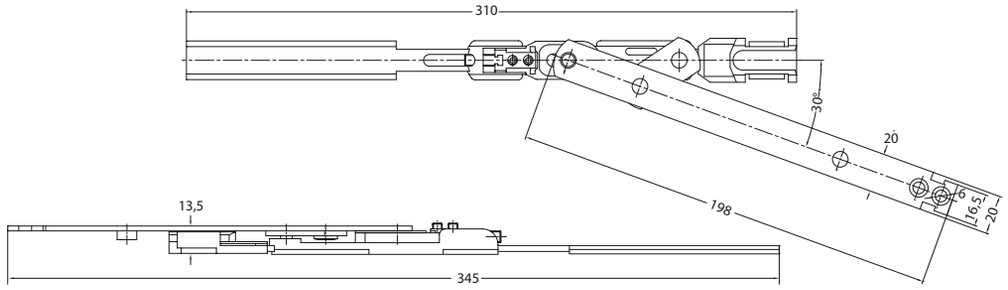


10 **Ref. 9001** (de 390 a 550 mm.)



5 **Ref. 9002** (de 551 a 1.700 mm.)



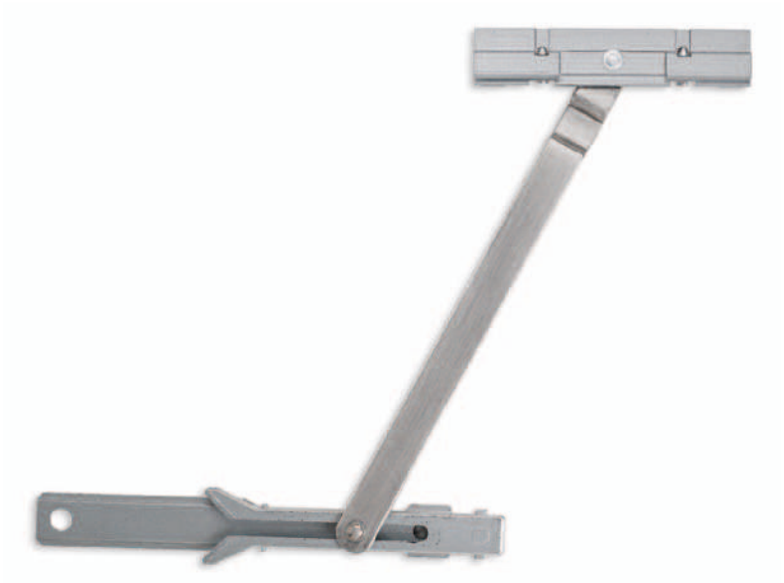


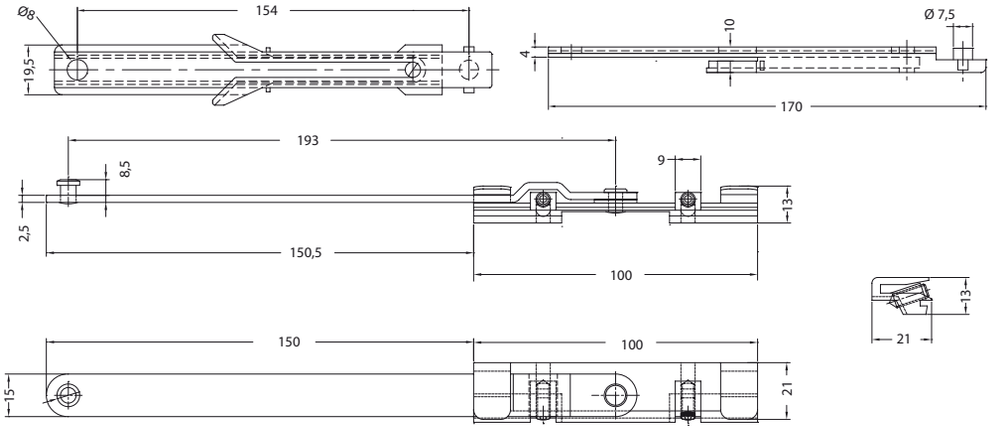
5 **Ref. 9101** (de 350 a 391 mm.)

- Compases oscilo batientes.
- Arm for tilt & turn.
- Compas pour le système oscillo battant.

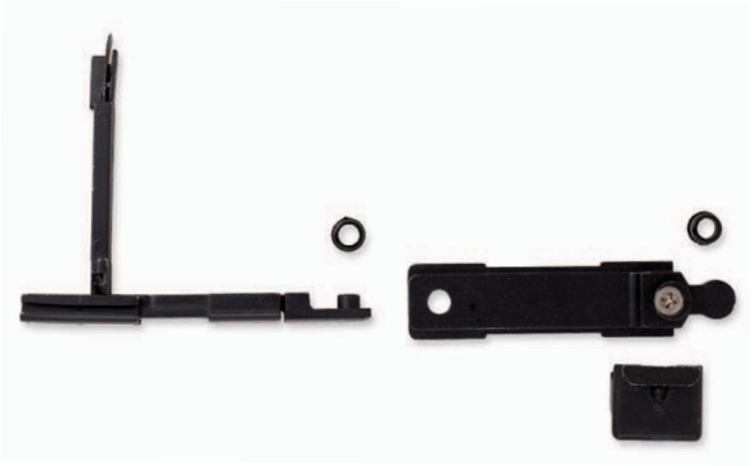
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Acero inoxidable	Stainless steel	Acier inoxydable
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

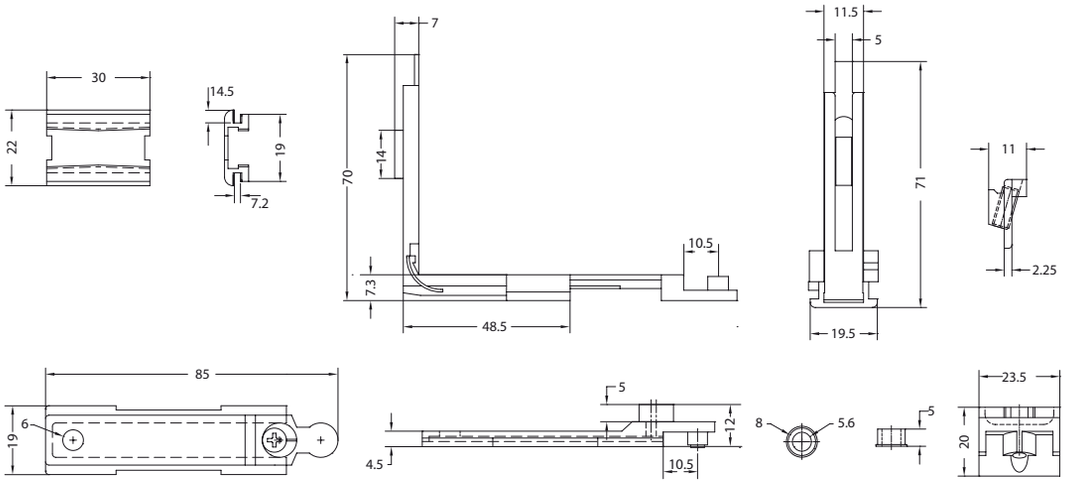
COMPAS SUPLEMENTARIO Y CIERRE ADICIONAL PARA OSCILO BATIENTE
ADDITIONAL ARM AND LOCKER TILT & TURN
COMPAS ET FERMETURE ADDITIONNEL OSCILLO BATTANT





10 **Ref. 9003** (L>1000 mm)





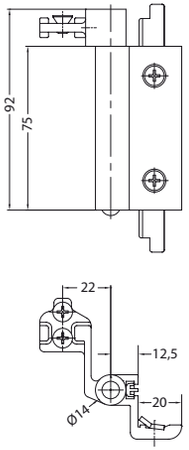
20 **Ref. 7009** Kit cierre suplementario

- 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 vanteaux d'une largueur superieure à 1000 mm. Fermeture additonnel.

MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Acero inoxidable	Stainless steel	Acier inoxydable

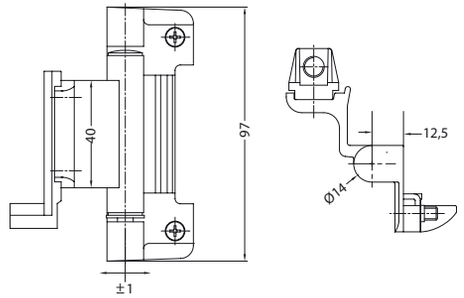
KIT HOJA PASIVA OSCILO BATIENTE
KIT SECOND CASEMENT TILT & TURN
KIT VANTAIL ASSOCIÉ OSCILLO BATTANT





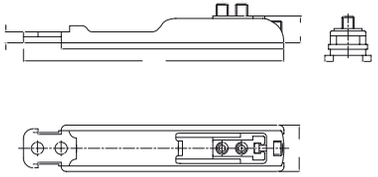
6 **Ref. 9006**





6 **Ref. 9005**





6 **Ref. 9011**

Juego de bisagras de segunda hoja oscilo batiente.

Pair of hinges for second casement tilt & turn.

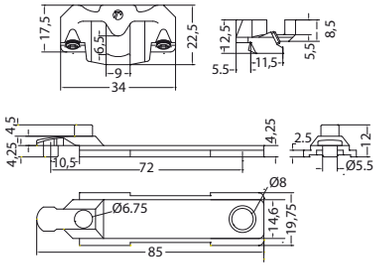
Paumelle pour le vantail associé oscillo battant.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Zamak	Zamak	Zamak
Acero inoxidable	Stainless steel	Acier inoxydable
Latón inyectado	Die-cast brass	Laiton inyecté

MICRO VENTILACIÓN

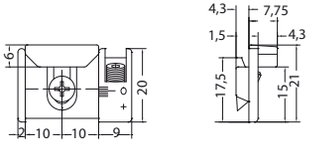






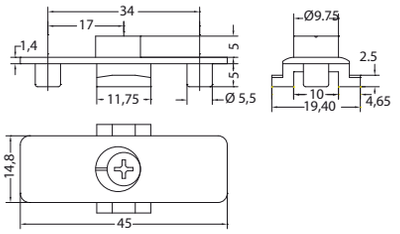
50 **Ref. 9012**





100 **Ref. 6-R**



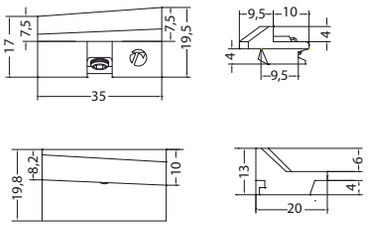


100 **Ref. 500**

BISAGRA OCULTA



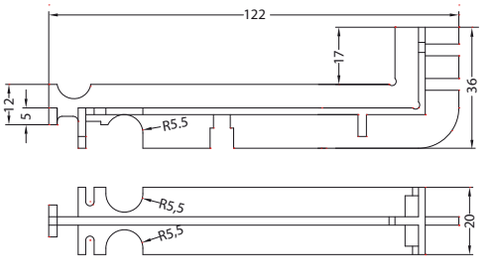




100 **Ref. 9008**

PLANTILLA DE MONTAJE OSCILO BATIENTE





100 **Ref. 9099**

Microventilación. Bisagra oculta. Plantilla de montaje oscilo batiente.

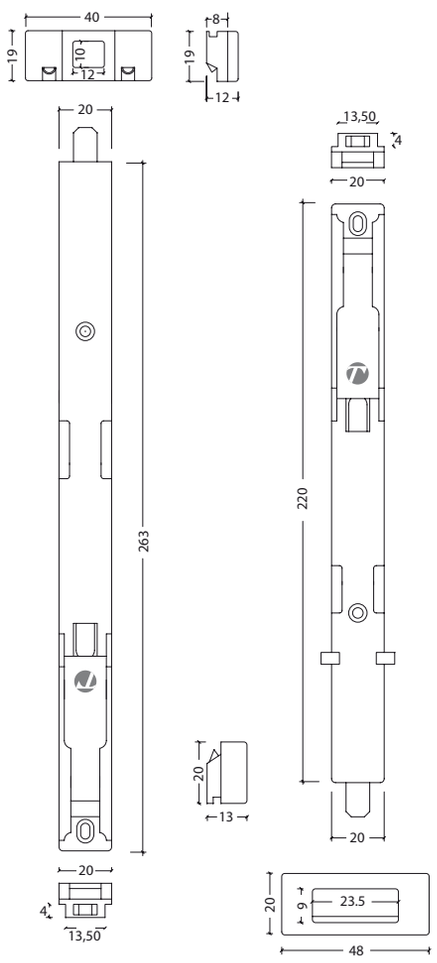
Microventilation device. Adjustable fastening element. Assambling guide.

Microventilation. Paumelle cachée. Pièce d´assmblage.

MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon

KIT PASADORES CIERRES SEGUNDA HOJA OSCILO BATIENTE
CLOSING KIT FOR SECOND CASEMENT TILT & TURN
KIT DE FERMETURE POUR VANTAIL ASSOCIÉ OSCILLO BATTANT

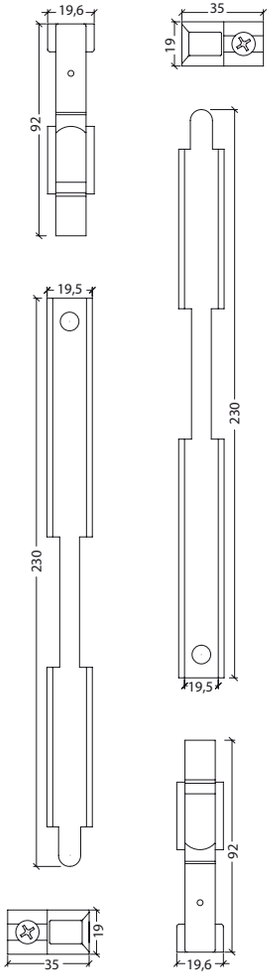




8

Ref. 7010





8

Ref. 7008

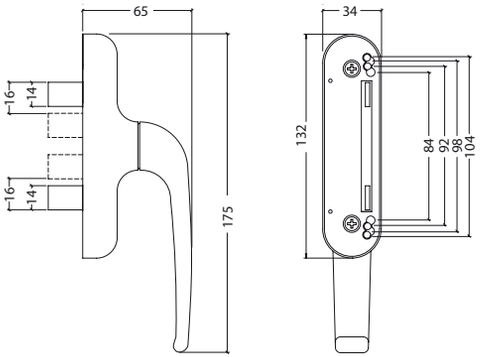
- Kit pasadores cierres segunda hoja oscilo batiente.
- Kit with lever locks for second casement tilt & turn.
- Kit verrous a levier pour vantail associé oscillo battant.

MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Aluminio de extrusión	Aluminium extruded	Aluminium extrusionéz

CREMONAS
CREMONES
CRÉMONES

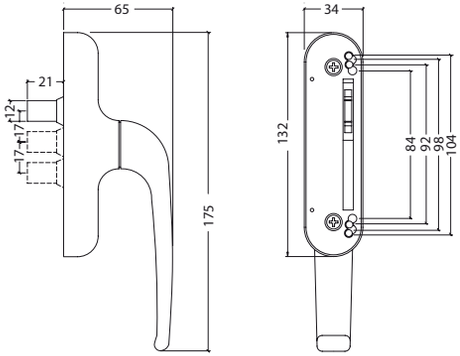






6 **Ref. 701 TPZ / Ref. 701 TPN**



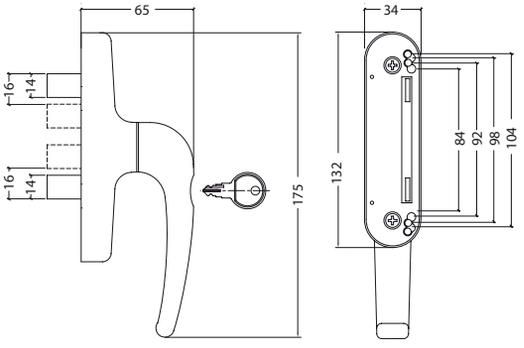


6 **Ref. 703**

- 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).

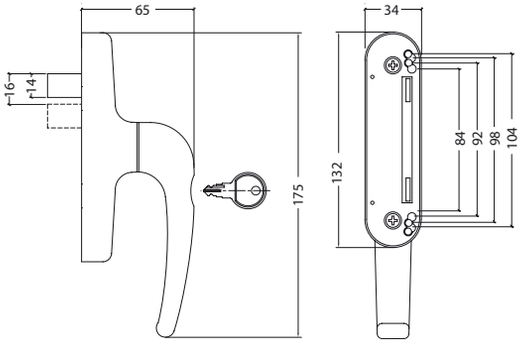
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression
Acero inoxidable	Stainless steel	Acier inoxydable





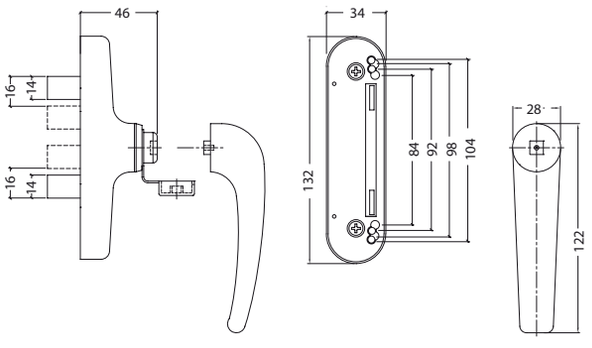
6 **Ref. 710**





6 **Ref. 705**





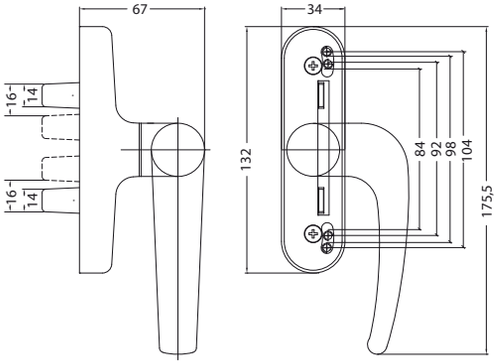
6 **Ref. 712-C**

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.

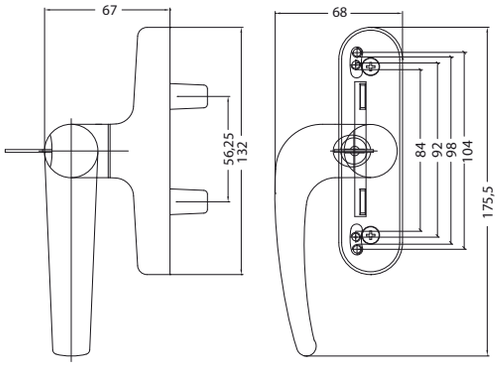
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression
Acero inoxidable	Stainless steel	Acier inoxydable





6 **Ref. 714**



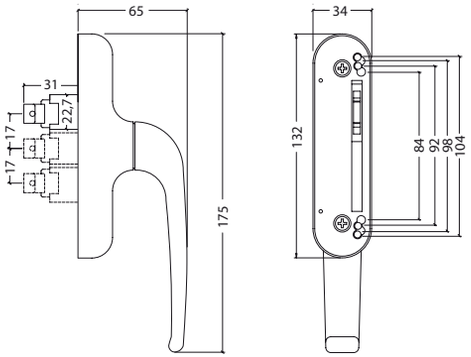


6 **Ref. 715**

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

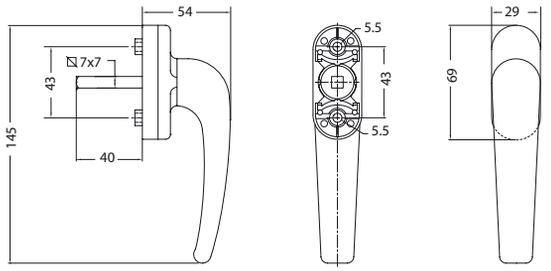
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression
Acero inoxidable	Stainless steel	Acier inoxydable





6 **Ref. 7033**





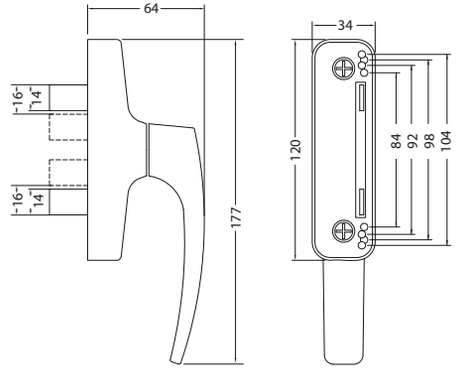
6 **Ref. 702**

- Cremonas para oscilo batiente y para corredera multipunto.
- Cremone bolt for tilt & turn and for slinding system.
- Crémone pour oscillo battant et pour le système coulissant.

MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression
Acero inoxidable	Stainless steel	Acier inoxydable

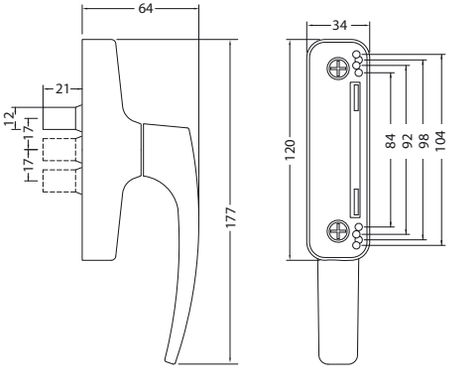
CREMONAS SERIE EUROPEA
SERIE EUROPA CREMONE BOLT
CRÉMONE SÉRIE EUROPA





6 **Ref. 707 TPZ / Ref. 707 TPN**



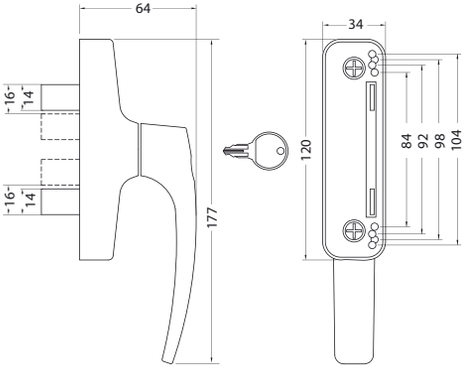


6 **Ref. 708**

- 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).

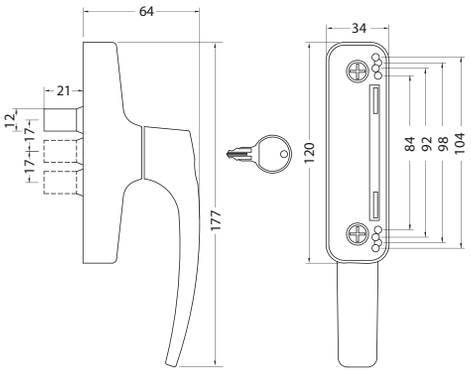
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression
Acero inoxidable	Stainless steel	Acier inoxydable





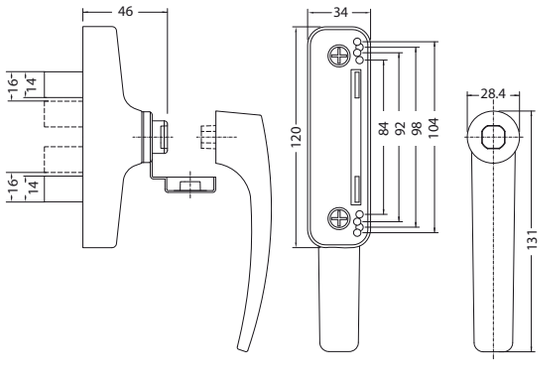
6 **Ref. 709**





6 **Ref. 711**





6 **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	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression
Acero inoxidable	Stainless steel	Acier inoxydable



6 **Ref. 601**



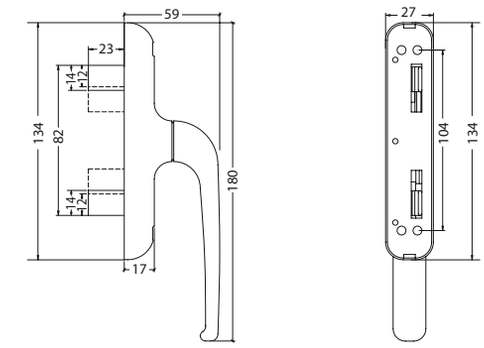
6 **Ref. 602**

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

MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression

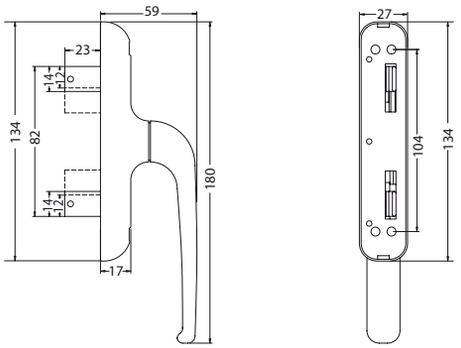
CREMONAS APERTURA EXTERIOR
EXTERNAL OPENING CREMONE BOLT
CRÉMONE OUVERTURE EXTERIEURE





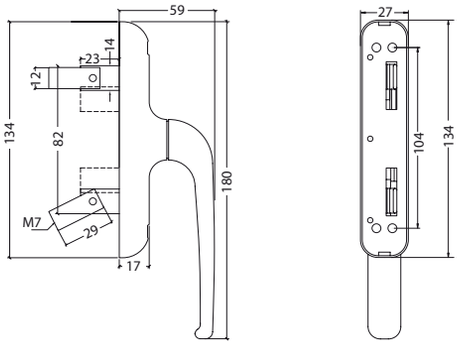
6 **Ref. 401**





6 **Ref. 402**





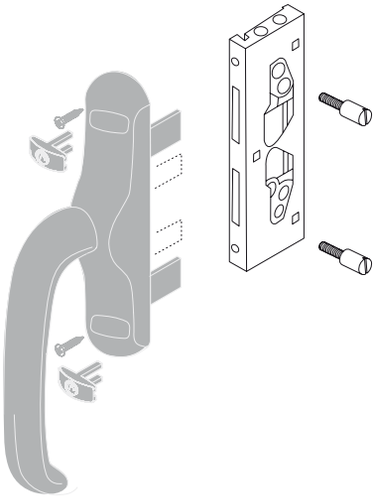
6 **Ref. 405**

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

MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression

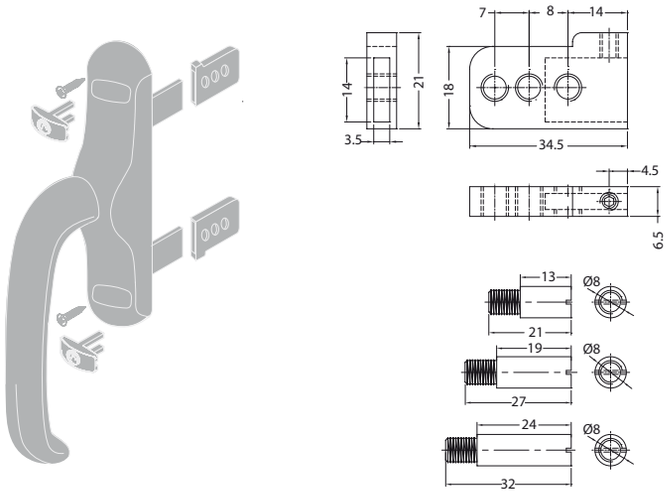
KITS PARA APERTURA EXTERIOR
OUTWARDS OPENING KIT
KIT POUR OUVERTURE EXTERIEURE





100 **Ref. 405 E**





100 **Ref. 406 ZK**

100 **Ref. 406 BC**

100 **Ref. 406 BL**

100 **Ref. 406 BXL**

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

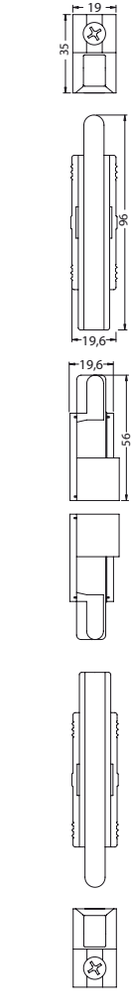
MATERIALES	MATERIALS	MATÉRIELS
Nylon	Nylon	Nylon
Aluminio extrusionado	Aluminium extruded	Aluminium extrude
Zamak	Zamak	Zamak
Acero	Steel	Acier

KITS PRACTICABLES Y PASADORES
KITS AND LEVER LOCKS
KITS ET VERROUS



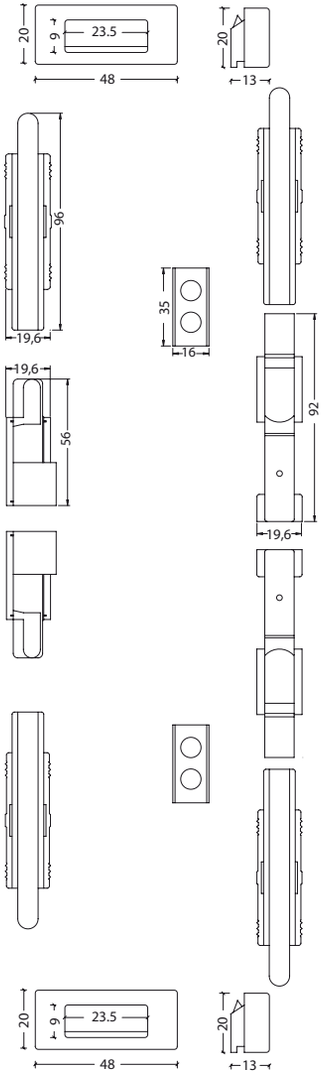
KIT PRACTICABLE SERIE EUROPEA
KIT FOR SIDE HUNG WINDOWS. EUROPEAN GROOVE
KIT POUR OUVRANT À LA FRANÇAISE. SÉRIE EUROPÉENNE





200 **Ref. 515**





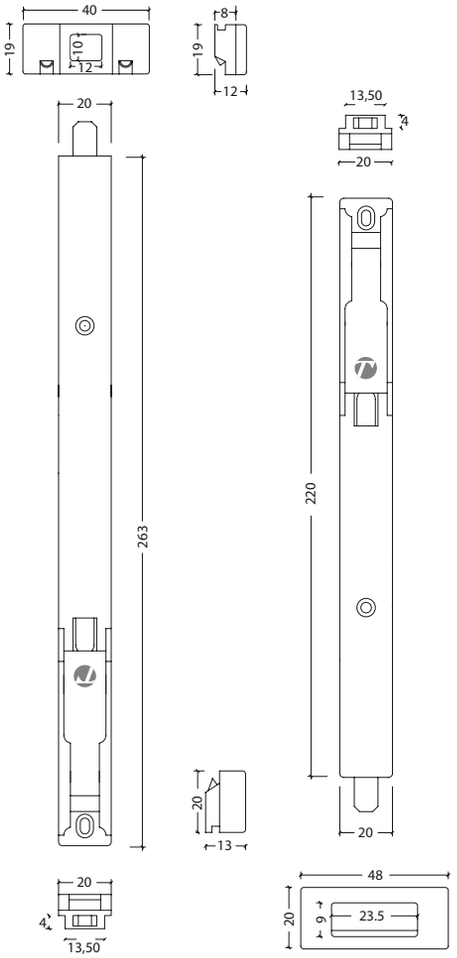
100 **Ref. 505**

- Kit practicable para serie europea de una y dos hojas.
- Kit for side hung windows. European groove.
- Kit pour ouvrant á la française. Série européenne.

MATERIALES	MATERIALS	MATÉRIELS
Nylon	Nylon	Nylon
Acero inoxidable	stainless steel	Acier inoxydable

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

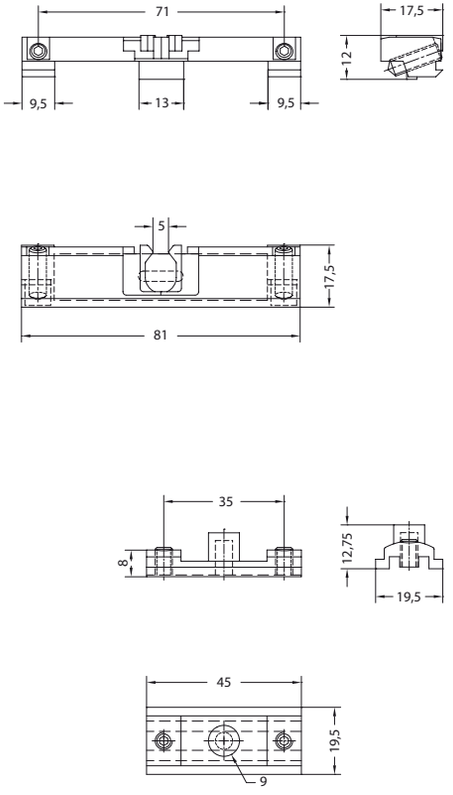




8 **Ref. 706**

CLIP RETENEDOR





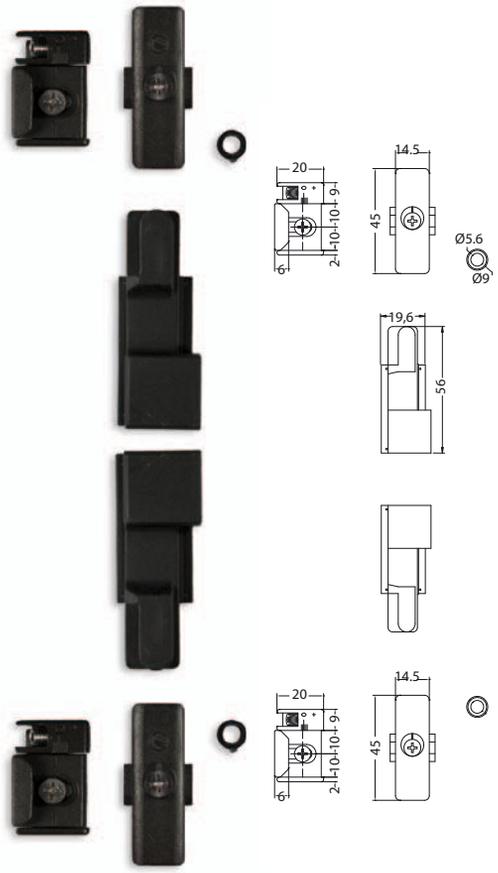
25 **Ref. 534**

- 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	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Acero inoxidable	Stainless steel	Acier inoxydable

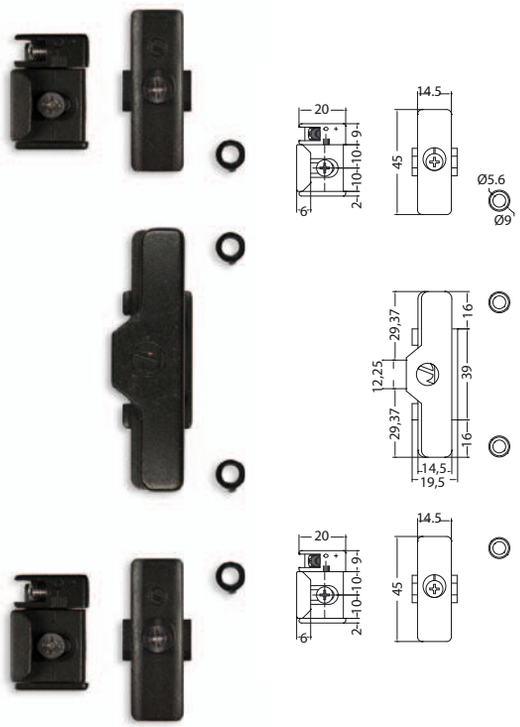
KIT PRACTICABLE SERIE EUROPEA
KIT FOR SIDE HUNG WINDOWS. EUROPEAN GROOVE
KIT POUR OUVRANT À LA FRANÇAISE. SÉRIE EUROPÉENNE

KIT SERIE EUROPA
2 PATILLAS



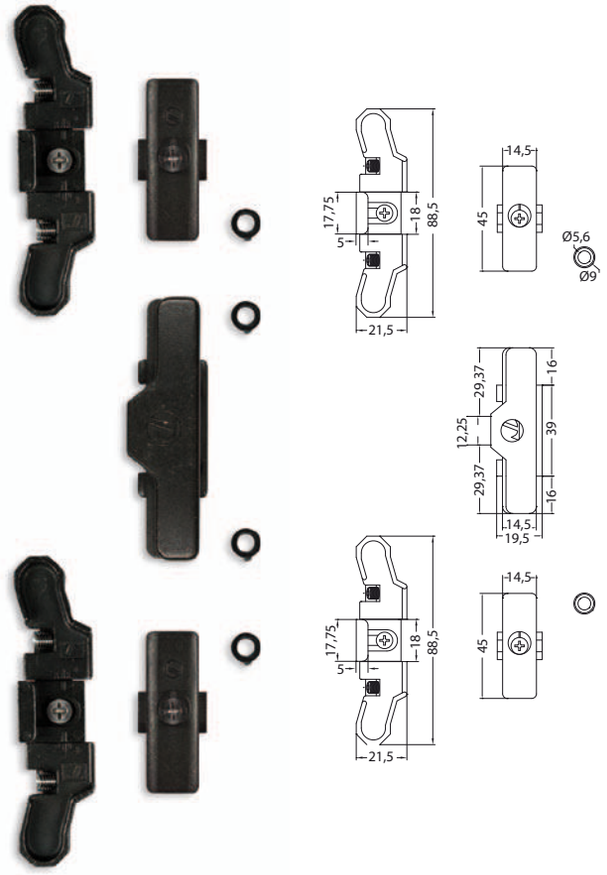
200 **Ref. 535**

KIT SERIE EUROPA
1 PATILLA



200 **Ref. 536**

KIT SERIE EUROPA
MICROVENTILACIÓN



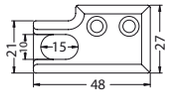
25 **Ref. 730**

- 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.

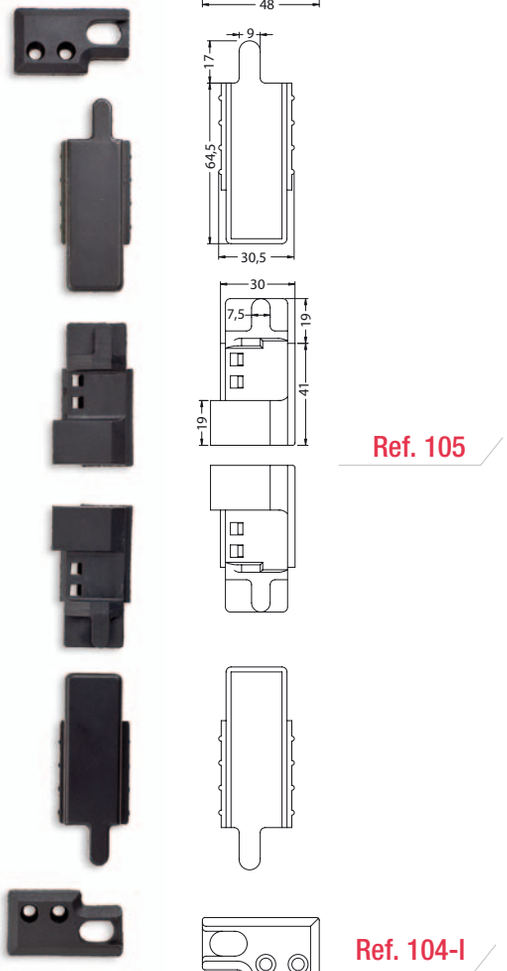
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon

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

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



Ref. 104-S



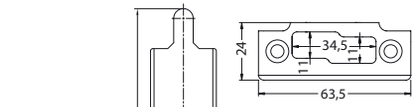
Ref. 105

Ref. 104-I

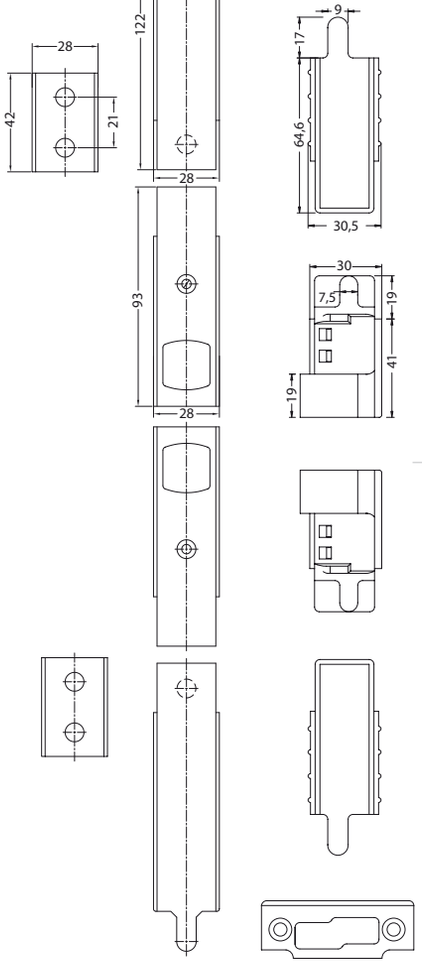
100

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





Ref. 124



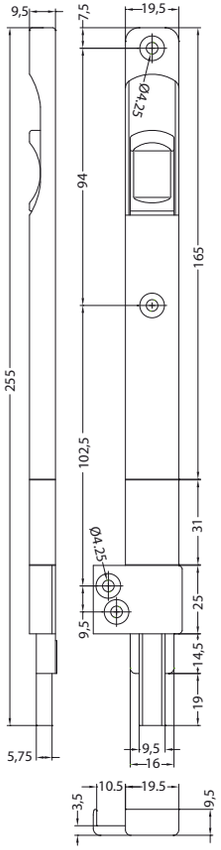
Ref. 125

Ref. 124

100

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.

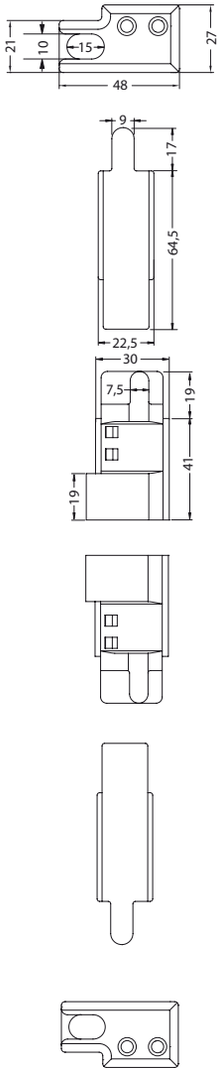
Kit pour ouvrant à la française, un ou deux vanteaux série Espagnole.

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

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

CANAL ESTRECHO:
22mm (ZAMAK)

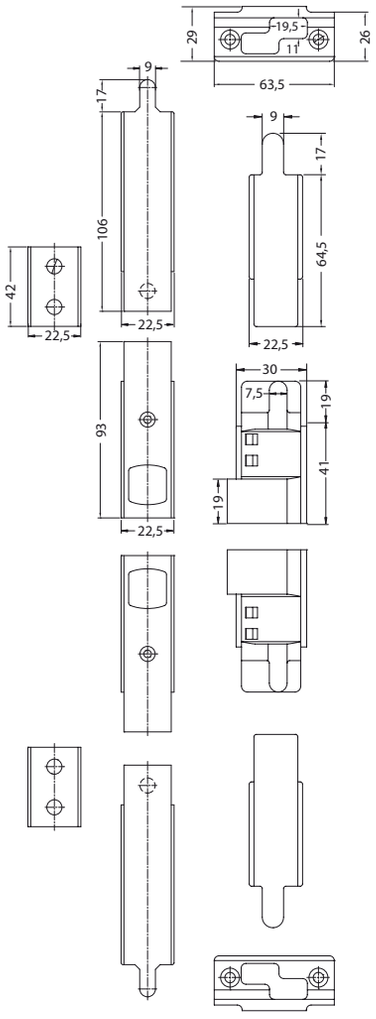




100 **Ref. 115**

CANAL ESTRECHO:
22mm (ZAMAK)

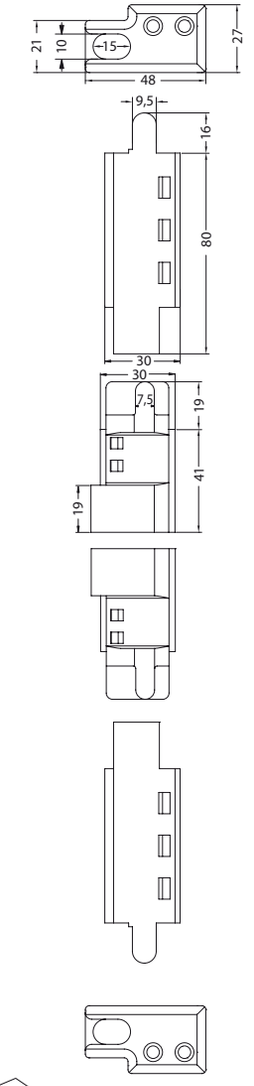




100 **Ref. 135**

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





150 **Ref. 615**

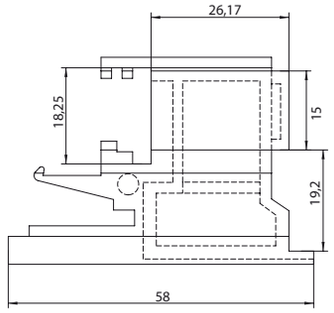
- Kit practicable para serie nacional de una y dos hojas.
- Kit for side hung windows one or two leaves. Spanish groove.
- Kit pour ouvrant à la française, un ou deux vanteaux série Espagnole.

MATERIALES	MATERIALS	MATÉRIELS
Nylon	Nylon	Nylon
Zamak	Zamak	Zamak

TAPAS INVERSORAS
PLUGS
BOUCHONS

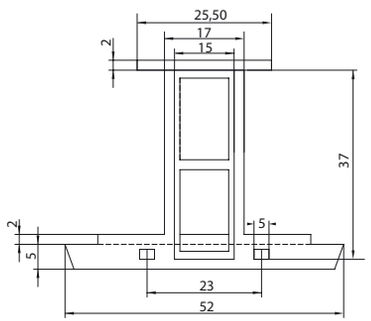






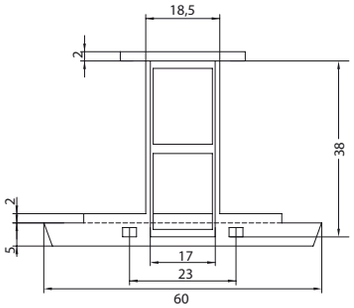
300 **Ref. 127 (40x20 mm)**





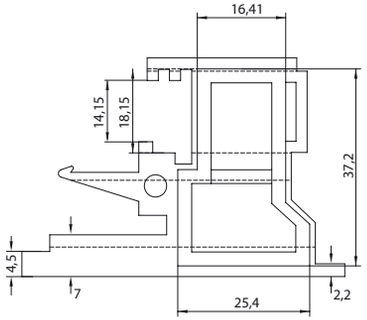
300 **Ref. 137 (40x17 mm)**





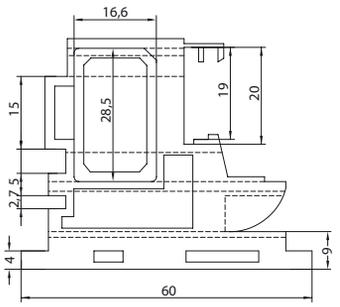
250 **Ref. 147**





250 **Ref. 157**





250 **Ref. 167**

Tapas para perfil central.

Plugs for central rebate.

Bouchons pour le profile centrale.

MATERIALES
Nylon

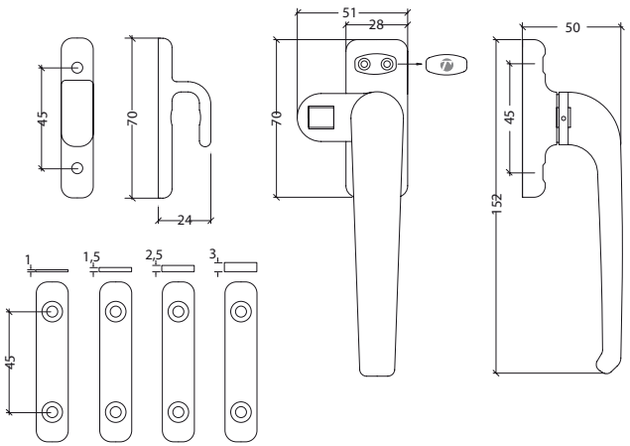
MATERIALS
Nylon

MATÉRIELS
Nylon

CIERRES DE PRESIÓN
REVERSIBLE CLOSING HANDLES
POIGNÉES BATTEUSES

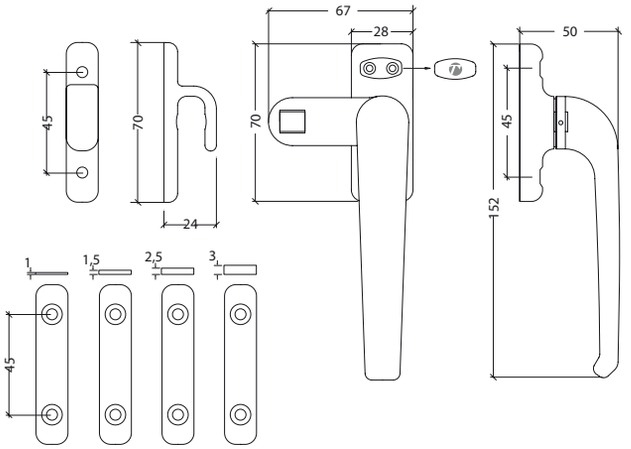






50 **Ref. 4125**



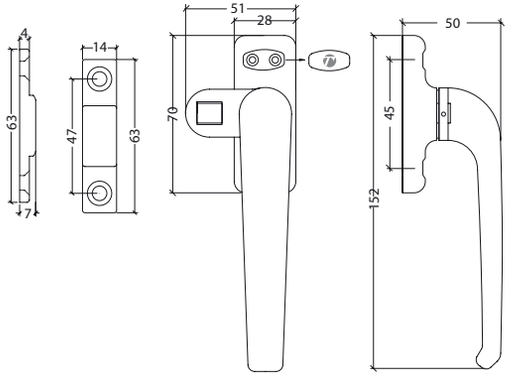


50 **Ref. 4126**

- 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 exteriure. La pièce long ou court.

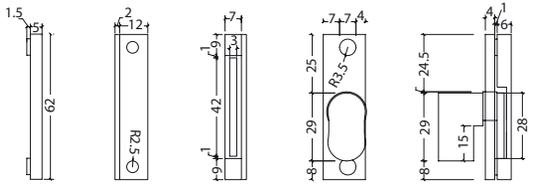
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression





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 exteriure ou interieure et petite.

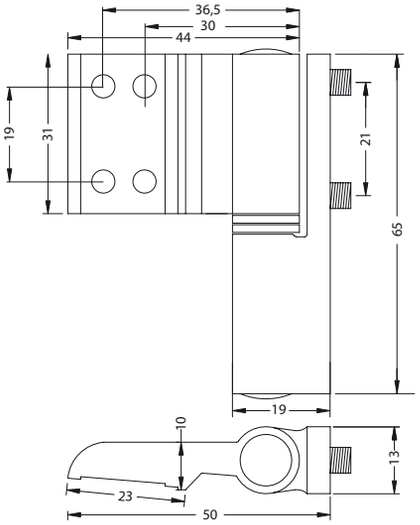
MATERIALES	MATERIALS	MATÉRIELS
Acero inoxidable	Stainless steel	Acier inoxydable
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Nylon	Nylon	Nylon

BISAGRAS PARA PUERTAS Y VENTANAS
HINGES
PAUMELLES



BISAGRAS PARA CONTRAVENTANAS
REVERSIBLE HINGES FOR SHUTERS
PAUMELLE REVERSIBLE POUR VOLETS

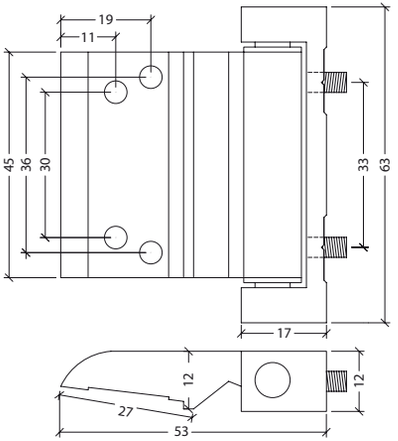




200

Ref. 5022





200

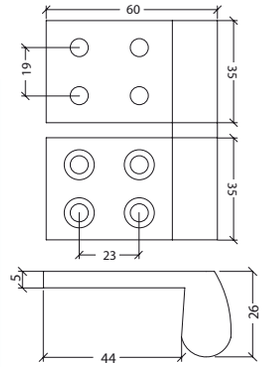
Ref. 5024

- Bisagras para contraventanas reversibles.
- Reversible two side hinge for shutters.
- Paumelle reversible pour volets.

MATERIALES	MATERIALS	MATÉRIELS
Acero inoxidable	Steel	Acier inoxydable
Aluminio extrusionado	Aluminium extruded	Aluminium extrudé
Nylon	Nylon	

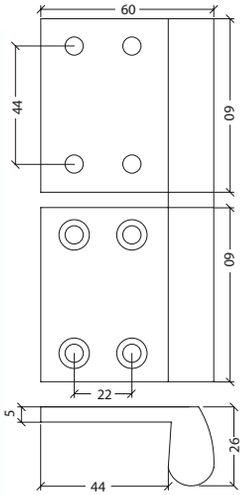
BISAGRAS PLANAS PARA PUERTAS Y VENTANAS
HINGES FOR DOORS AND WINDOWS
PAUMELLES POUR PORTES ET FENÊTRES





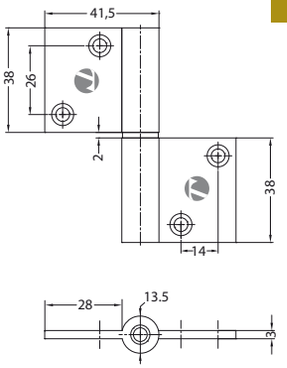
150 **Ref. 5005**





100 **Ref. 5006**

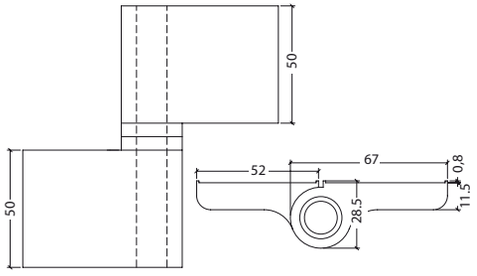




200 **Ref. 5007**



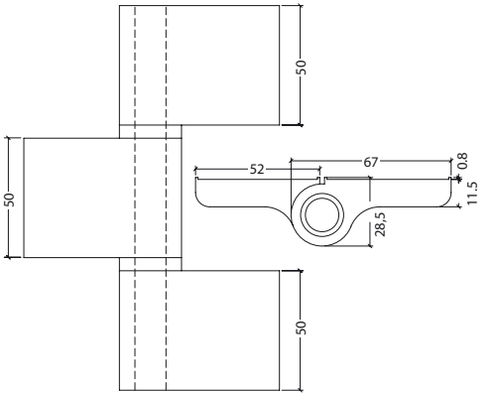
BISAGRAS PARA SOLDAR



50 **Ref. 5036**



BISAGRAS PARA SOLDAR



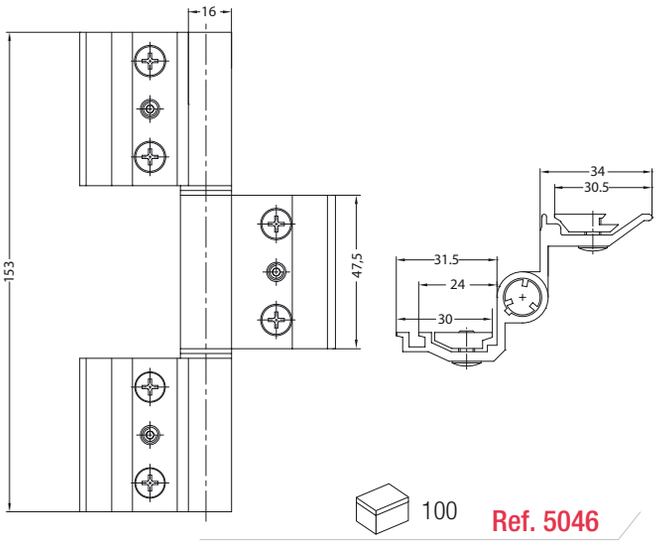
40 **Ref. 5035**

- 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	MATERIALS	MATÉRIELS
Acero inoxidable	Stainless steel	Acier inoxydable
Aluminio extrusionado	Aluminium extruded	Aluminium extrudé
Nylon	Nylon	

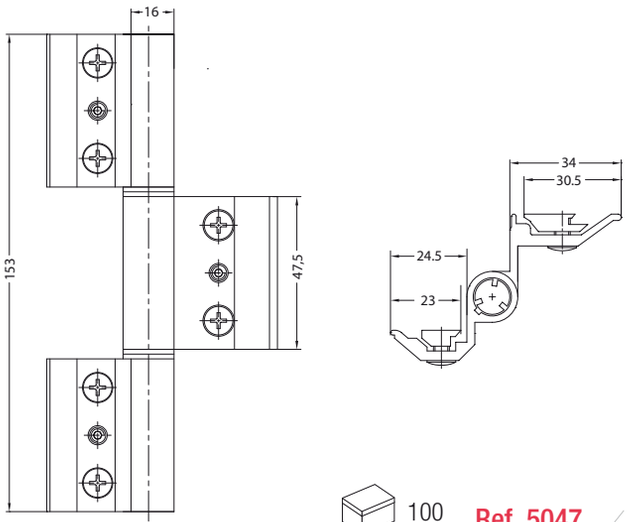
BISAGRAS TRES CUERPOS SERIE NACIONAL
THREE WING HINGES. SPANISH GROOVE
PAUMELLES TROIS AILES. SÉRIE ESPAGNOLE





100 **Ref. 5046**



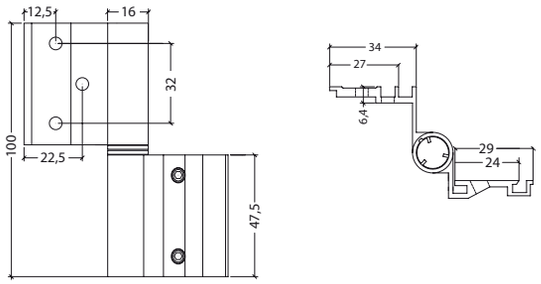


100 **Ref. 5047**

- 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.

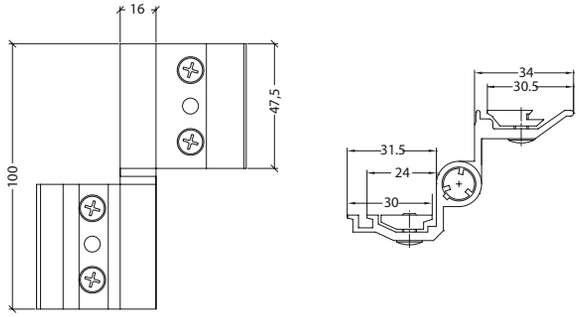
MATERIALES	MATERIALS	MATÉRIELS
Acero inoxidable	Steel	Acier inoxydable
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Nylon	Nylon	Nylon





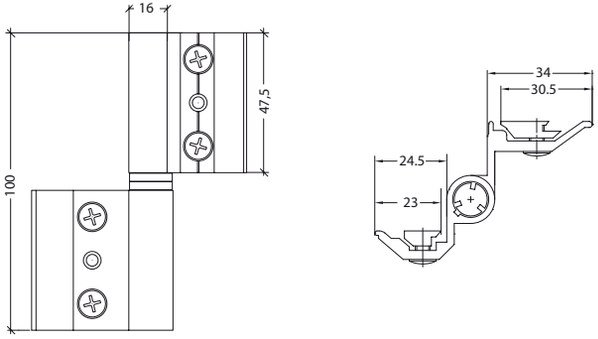
150 **Ref. 5019 / Ref. 5019-I (EJE INOX)**





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



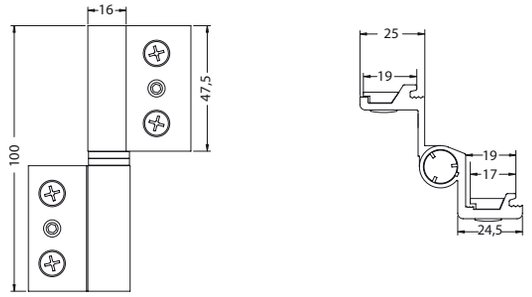


150 **Ref. 5033 / Ref. 5033-I (EJE INOX)**

- 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 revesible à gliser. Deux ailes. Séries 4000 et 6000. Capacité de charge 2 paumelles: prox. 70 kg.

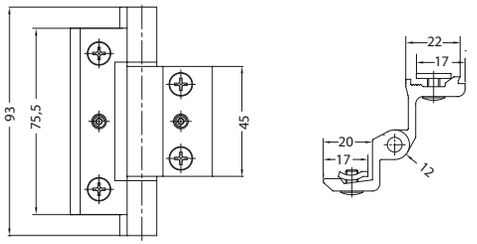
MATERIALES	MATERIALS	MATÉRIELS
Acero	Steel	Acier
Aluminio extrusionado	Aluminium extruded	Aluminium extrude
Nylon	Nylon	Nylon
Acero inoxidable	Stainless steel	Acier inoxydable





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





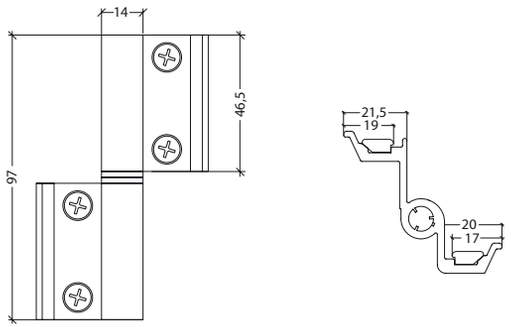
100 **Ref. 5045 (EJE INOX)**

- 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	MATERIALS	MATÉRIELS
Acero	Steel	Acier
Aluminio extrusionado	Aluminium extrude	Aluminium extrude
Nylon	Nylon	Nylon
Acero inoxidable	Stainless steel	Acier inoxydable
Zamak	Zamak	Zamak

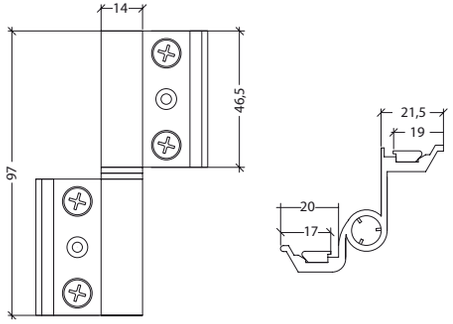
BISAGRAS DESLIZANTES SERIE EUROPEA. MONTAJE DIRECTO
GLIDING HINGE FOR EUROPEAN GROOVE. DIRECT ASSEMBLY
PAUMELLE À GLISER SÉRIE EUROPÉENNE À MONTAGE DIRECT





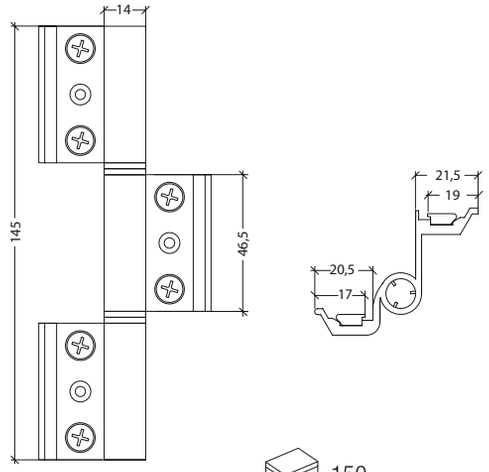
150 **Ref. 5034 / Ref. 5034-I (EJE INOX)**





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



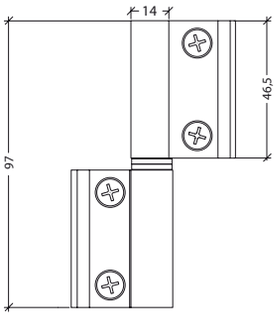


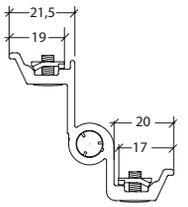
150 **Ref. 5039**

- 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 européene. Capacité de charge 2 paumelles: prox. 75 kg.

MATERIALES	MATERIALS	MATÉRIELS
Acero	Steel	Acier
Aluminio extrusionado	Aluminium extrude	Aluminium extrusioné
Nylon	Nylon	Nylon
Acero inoxidable	Stainless steel	Acier inoxydable
Zamak	Zamak	Zamak



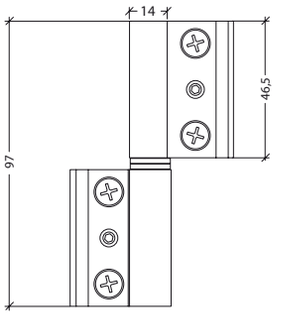


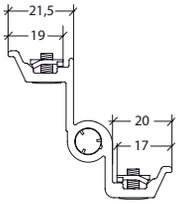


150

Ref. 5040 (EJE Y PLETINAS INOX)







150

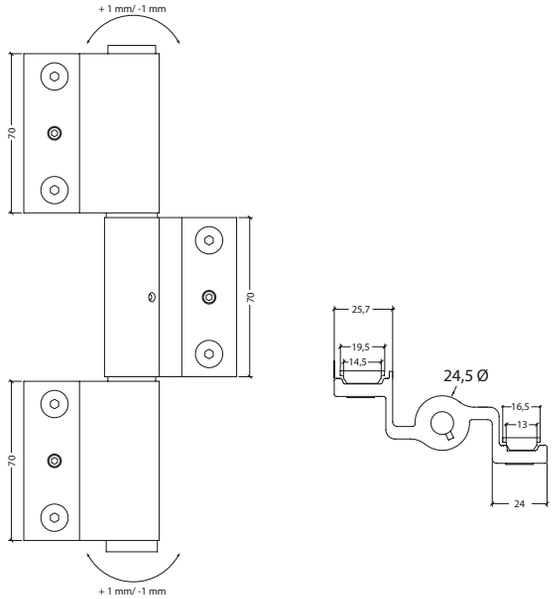
Ref. 5041 (EJE Y PLETINAS INOX)

- 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.

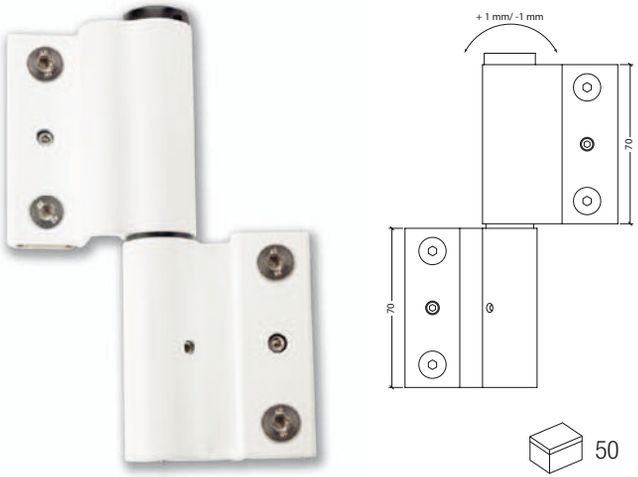
MATERIALES	MATERIALS	MATÉRIELS
Acero	Steel	Acier
Aluminio extrusionado	Aluminium extrude	Aluminium extrusioné
Nylon	Nylon	Nylon
Zamak	Zamak	Zamak
Acero inoxidable	Stainless steel	Acier inoxydable

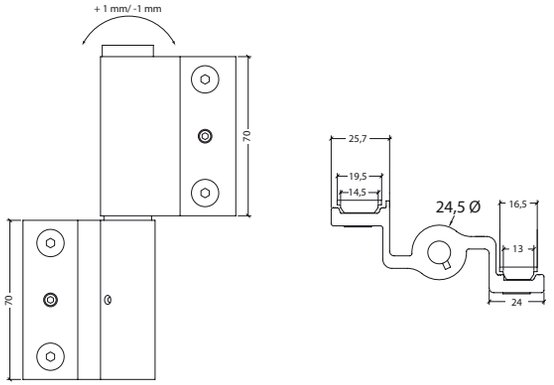
BISAGRAS DESLIZANTES SERIE EUROPEA
GLIDING HINGE. EUROPEAN GROOVE
PAUMELLE À GLISER. SÉRIE EUROPÉENNE





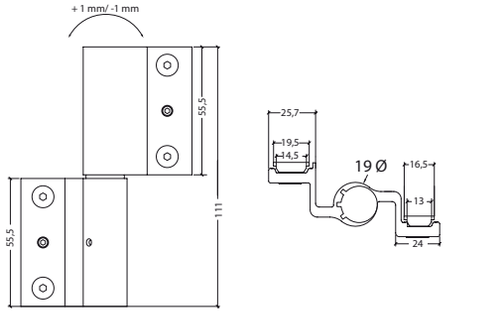
40 Ref. 5057





50 Ref. 5056





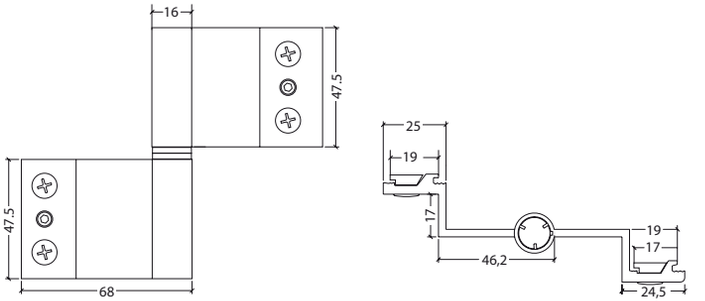
50 Ref. 5061

- 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 ± 1mm). 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	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extruded
Nylon	Nylon	Nylon

BISAGRAS DESLIZANTES DE 4ª HOJA PARA CONTRAVENTANAS. SERIE EUROPEA
GLIDING HINGE FOR SHUTTERS (4TH LEAF). EUROPEAN GROOVE
PAUMELLE À GLISER POUR VOLETS. (4EME VANTAIL) SÉRIE EUROPÉENNE

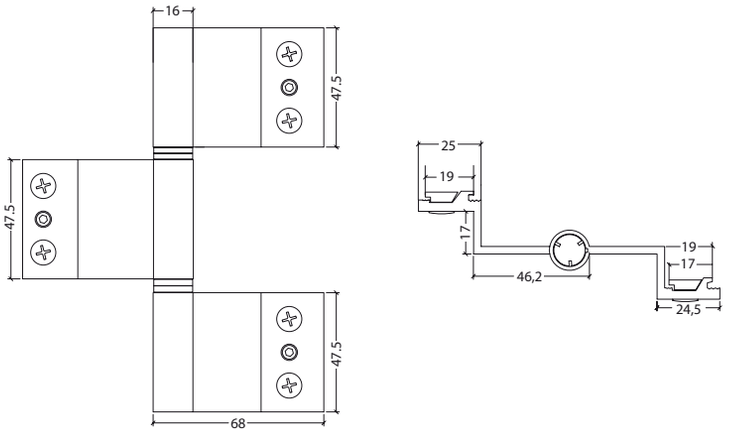




100

Ref. 5051-5051-I (EJE INOX)





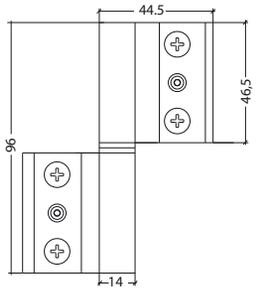
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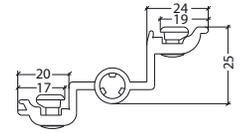
Ref. 5052-5052-I (EJE INOX)

- 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	MATERIALS	MATÉRIELS
Aluminio	Aluminium	Aluminium
Nylon	Nylon	Nylon
Acero	Steel	Acier
Zamak	Zamak	Zamak
Acero inox	Stainless steel	Acier inoxydable



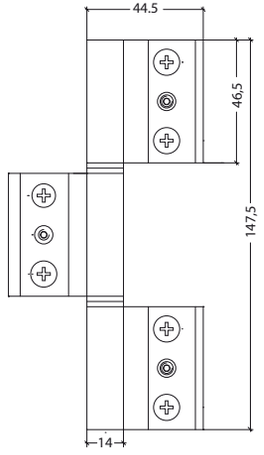


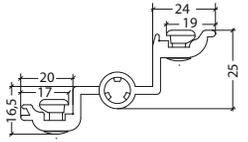


150

Ref. 5053







100

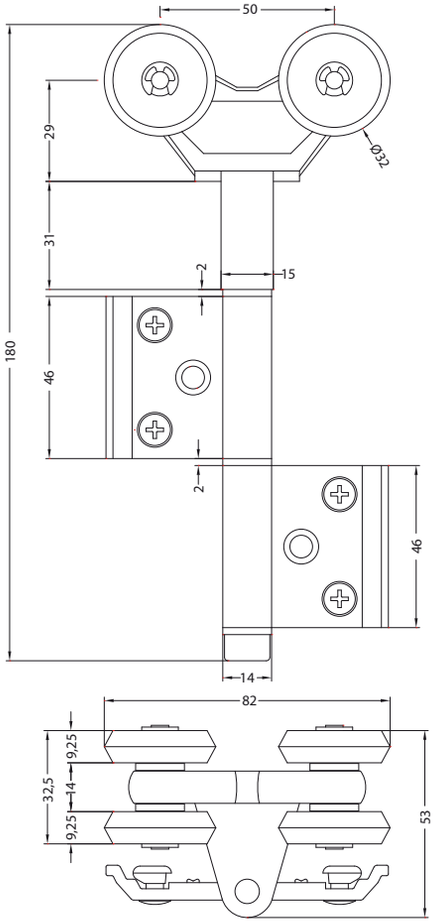
Ref. 5054

- 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. Overture extérieure. Capacité de charge 2 paumelles: prox. 75 kg.

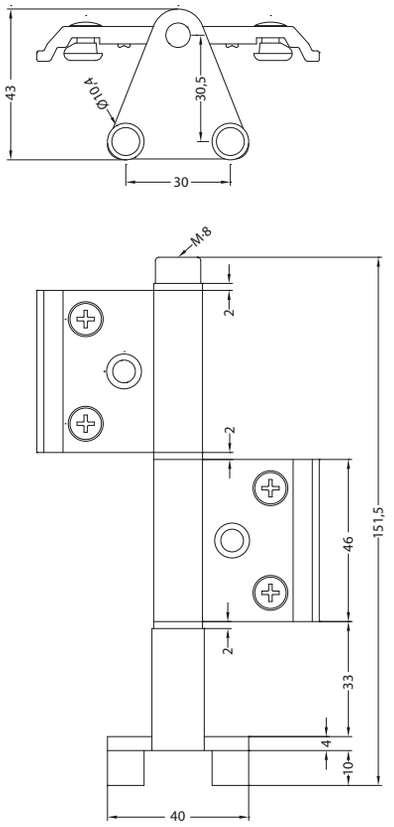
MATERIALES	MATERIALS	MATÉRIELS
Aluminio	Aluminium	Aluminium
Nylon	Nylon	Nylon
Acero	Steel	Acier
Zamak	Zamak	Zamak
Acero inox	Stainless steel	Acier inoxydable

BISAGRAS PARA PUERTAS Y VENTANAS SISTEMA PLEGABLE
HINGES FOR FOLDING SYSTEM
PAUMELLES POUR PORTES PLIABLES









10 **Ref. 5049-S**

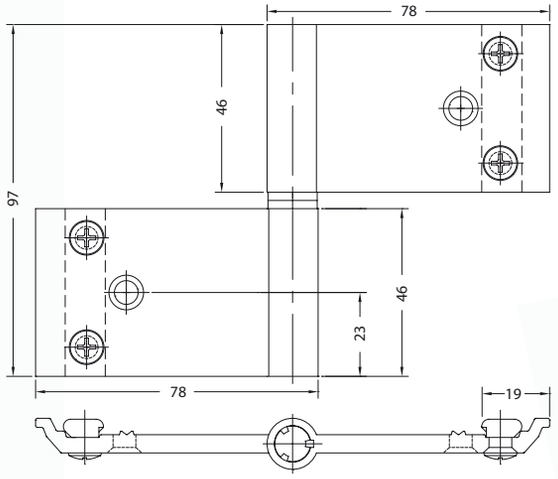
10 **Ref. 5049-I**

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

MATERIALES	MATERIALS	MATÉRIELS
Aluminio	Aluminium	Aluminium
Nylon	Nylon	Nylon
Acero inox	Stainless steel	Acier inoxydable

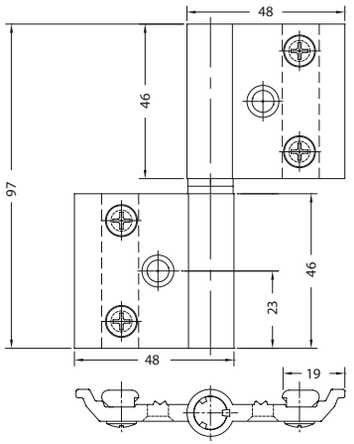
BISAGRAS DESLIZANTES DE 3ª y 4ª HOJA PARA CANAL CENTRAL
GLIDING HINGES FOR 3TH AND 4TH LEAF
PAUMELLE À GLISER POUR 3EME ET 4EME VANTAIL





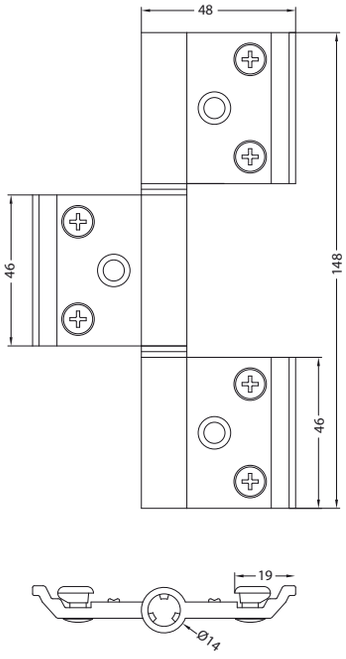
100 **Ref. 5048**





150 **Ref. 5049**



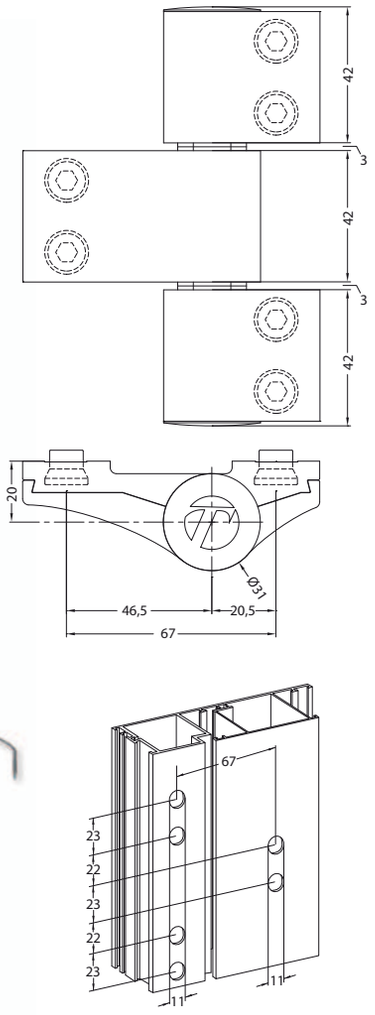


100 **Ref. 5070**

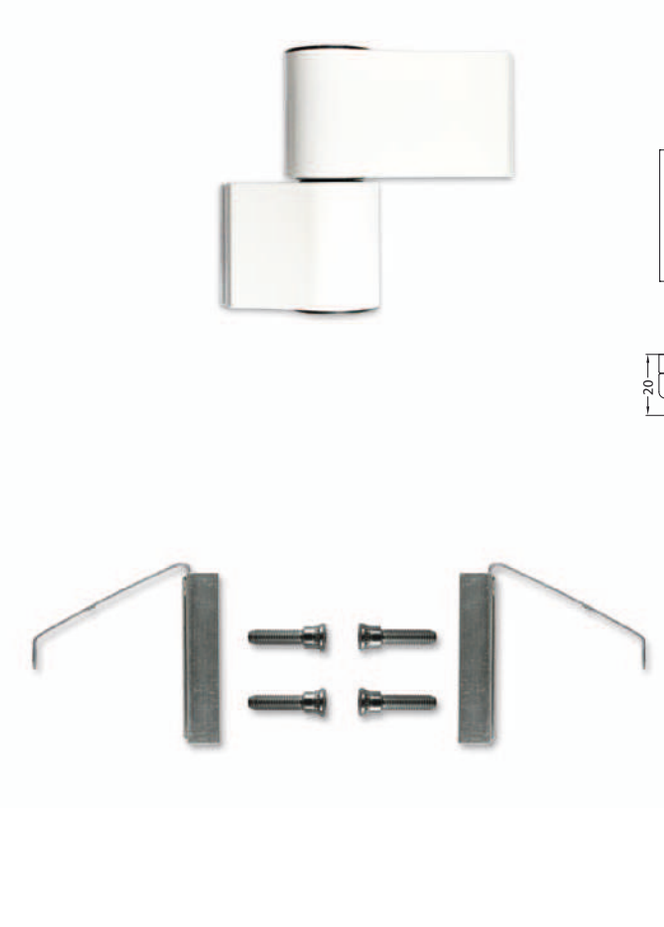
- Bisagras reversibles de dos cuerpos de 3ª y 4ª hoja.
- Gliding two wing hinge for 3TH and 4TH leafs.
- Paumelle à gliser avec deux ailes 3EME et 4EME vantail.

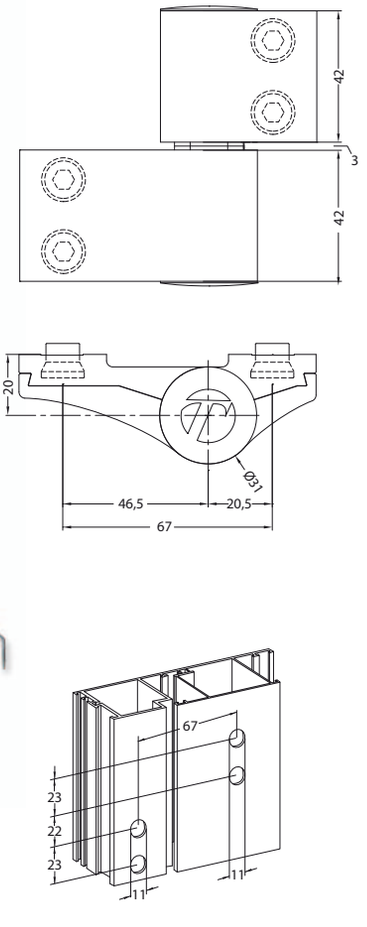
MATERIALES	MATERIALS	MATÉRIELS
Aluminio	Aluminium	Aluminium
Nylon	Nylon	Nylon
Acero	Steel	Acier
Zamak	Zamak	Zamak





17 Ref. 5059





25 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´a 130 kg.

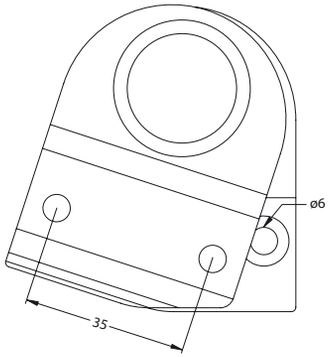
MATERIALES	MATERIALS	MATÉRIELS
Aluminio	Aluminium	Aluminium
Nylon	Nylon	Nylon
Acero inox	Stainless steel	Acier inoxydable

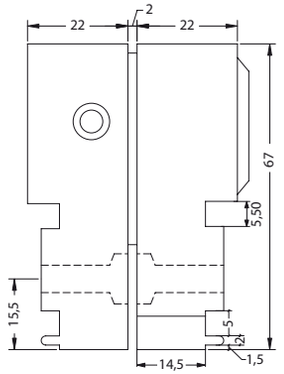
BISAGRAS PIVOTANTES
PIVOT HINGE
PAUMELLE PIVOTANT



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

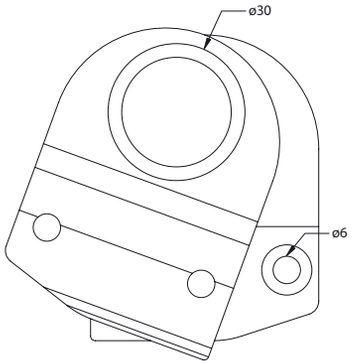


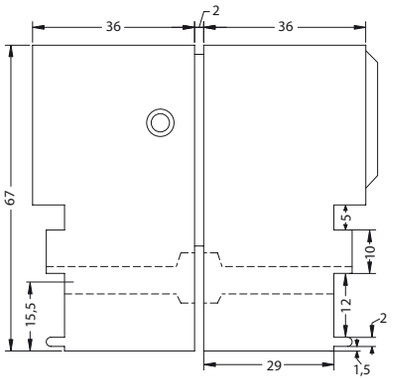




8 juegos **Ref. 5000**





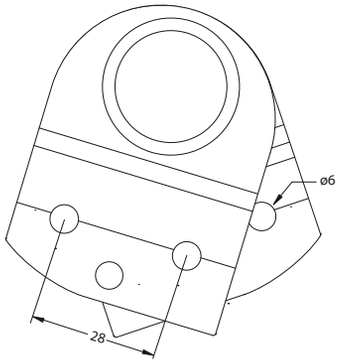


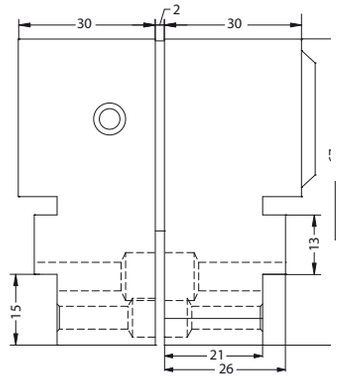
4 juegos **Ref. 5100**

- Bisagras de cámara europea para ventanas pivotantes. Carga dos bisagras: aprox. 80 kg.
- European groove pívot finge for pívot 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.

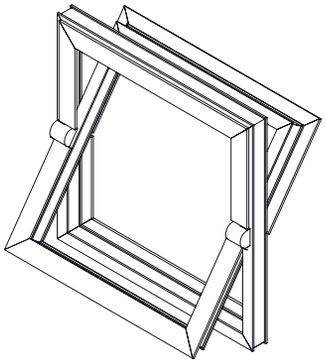
MATERIALES	MATERIALS	MATÉRIELS
Aluminio de extrusion	Aluminium extruded	Aluminium extrusioné
Nylon	Nylon	Nylon
Acero	Steel	Acier

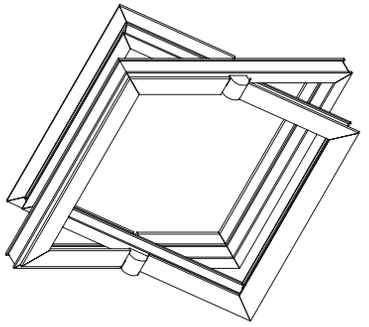






8 juegos **Ref. 5080**

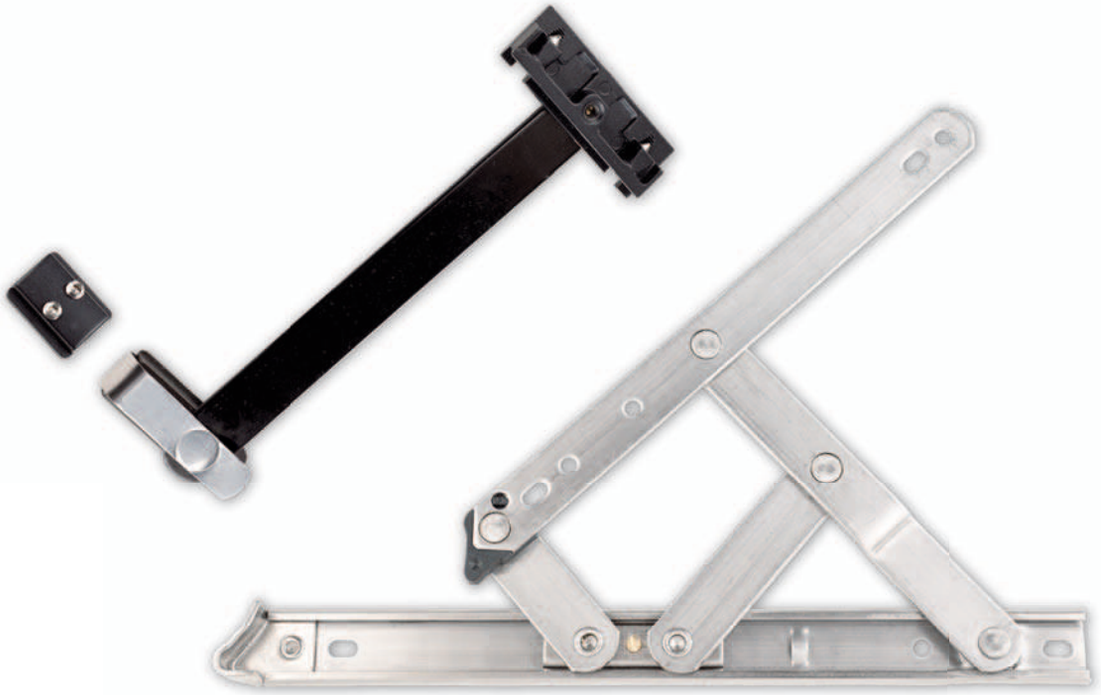




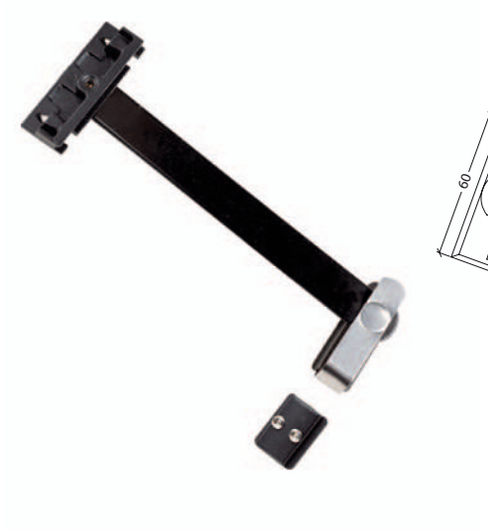
- Bisagras de cámara europea para ventanas pivotantes. Carga dos bisagras: aprox. 80 kg.
- European groove pívot finge for pívot windows. Maximum capacity of two hinges: aprox. 80 kg.
- Paumelle pivotant de profil européen pour fenêtres pivotants. Capacité de charge 2 paumelles: prox. 80 kg.

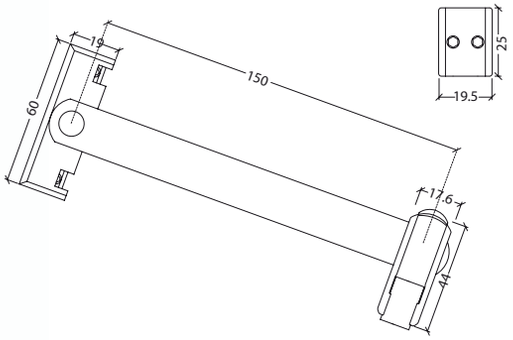
MATERIALES	MATERIALS	MATÉRIELS
Aluminio de extrusion	Aluminium extruded	Aluminium extrusioné
Nylon	Nylon	Nylon
Acero	Steel	Acier

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

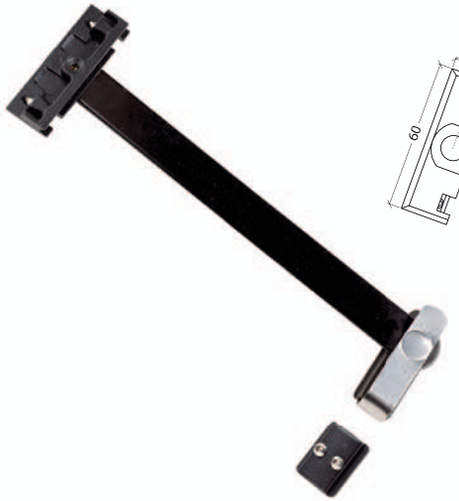


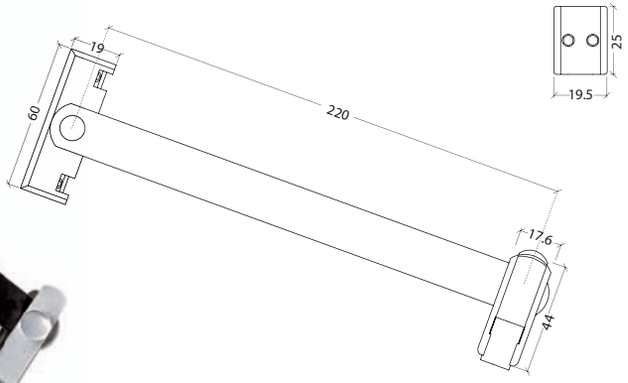
BISAGRAS COMPÁS BASCULANTES
ADDITIONAL STAY ARM FOR BOTTOM CASEMENT
COMPAS ADDITIONEL POUR SOUFLET





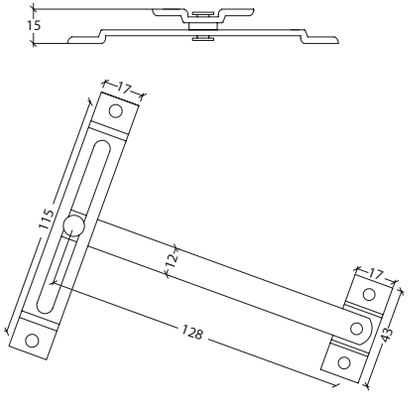
150 **Ref. 556-P**





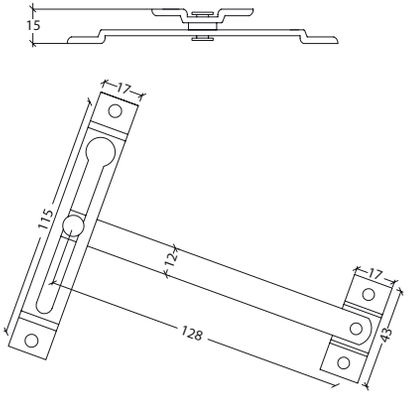
100 **Ref. 556-G**





50 **Ref. 4555**





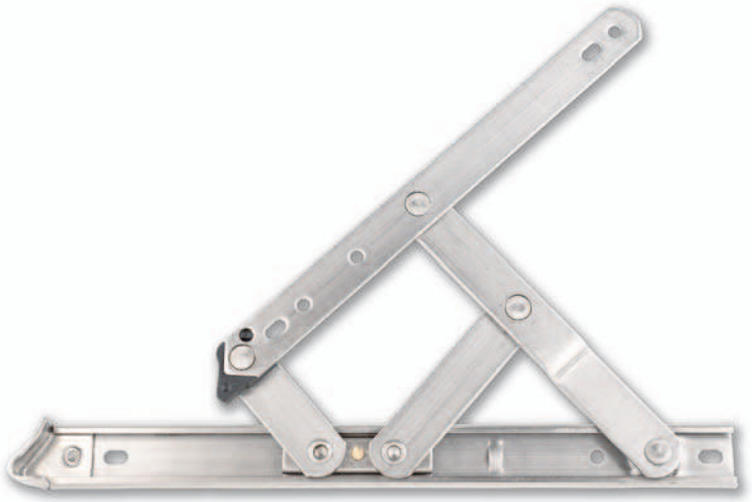
50 **Ref. 4556**

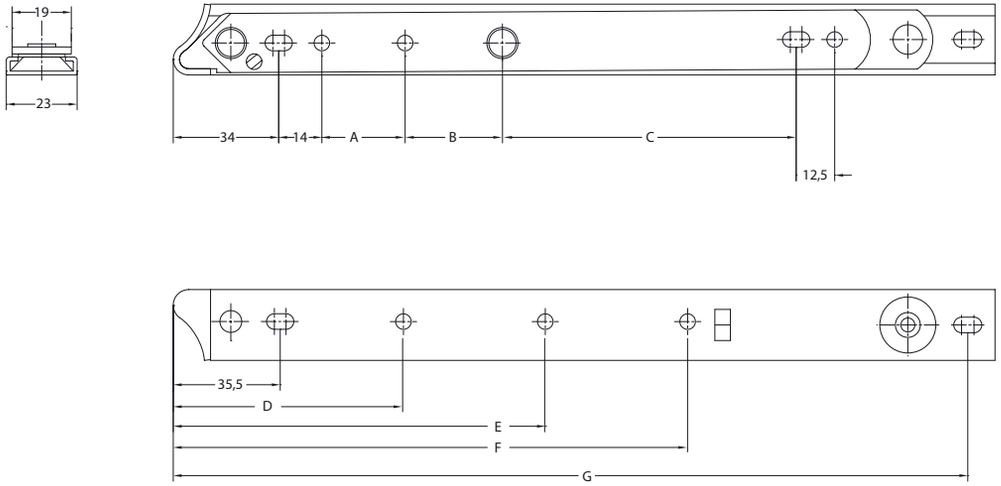
Bisagras compás para limitar la apertura en ventanas abatibles, practicables y oscilo batientes.

Aditional arm for opening restrictions in tilt & turn, side hung and tilt & turn Windows.

Compás addtionnel pour limiter l'ouverture des fenêtres à souflet projetant et oscillo-battant.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio de extrusion	Aluminium extruded	Aluminium extrusioné
Zamak	Zamak	Zamak,
Acero inox	Stainless steel	Acier inoxydable





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”)	50º	27		124			213	254
Ref. 8816	900 mm	1200 mm	52 kg	406,5 mm (16”)	50 º regulable	51		127		213,5	333	406,5
Ref. 8822	1300 mm	1200 mm	70 kg	558,8 mm (22”)	45 º regulable	51	100	152,5	180	311,5	441	559,5
Ref. 8826	1800 mm	1200 mm	90 kg	672 mm (26”)	23º	51	234	121,5		355,5	620	672

Bisagras compás para practicables y proyectantes.

Aditional stay arm for top casement.

Compas additionnel pour projetant.

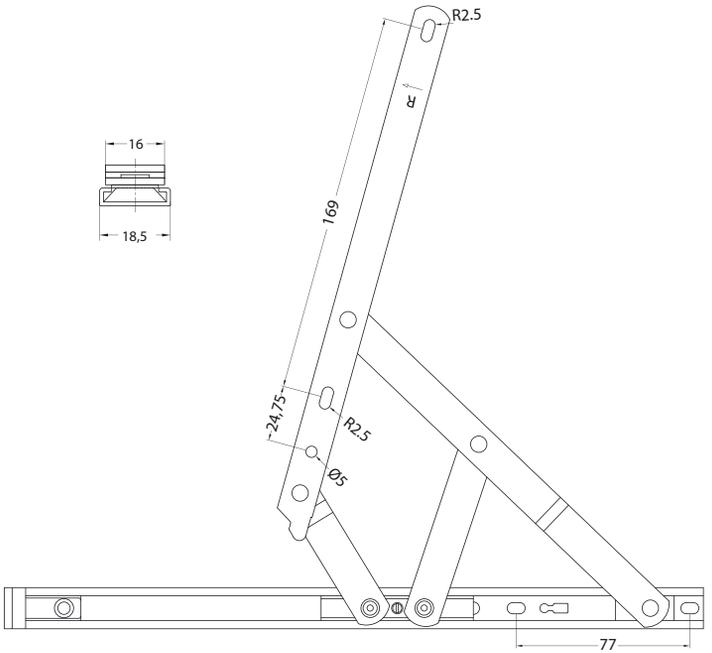
MATERIALES
Acero inoxidable

MATERIALS
Stainless steel

MATÉRIELS
Acier inoxydable

BISAGRAS COMPÁS PARA PRACTICABLES Y PROYECTANTES
ADDITIONAL STAY ARM FOR TOP CASEMENT
COMPAS ADDITIONEL POUR PROJETANT





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”)	62º
Ref. 8712	1200 mm	600 mm	21 kg	311 mm (12”)	64º
Ref. 8716	1200 mm	750 mm	22 kg	414 mm (16”)	51º
Ref. 8720	1200 mm	900 mm	24 kg	515 mm (20”)	42º

	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”)	38º
Ref. 8710				260 mm (10”)	

- Bisagras compás para practicables y proyectantes.
- Aditional stay arm for top casement.
- Compas additionnel pour projetant.

MATERIALES
Acero inoxidable

MATERIALS
Stainless steel

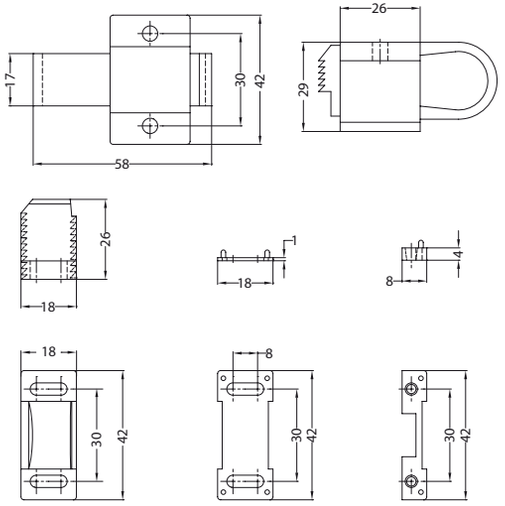
MATÉRIELS
Acier inoxydable

GOLPETES Y FIJACIONES
FINGER CATCH AND CLIPPERS
LOQUETEAU ET CLIPPERS

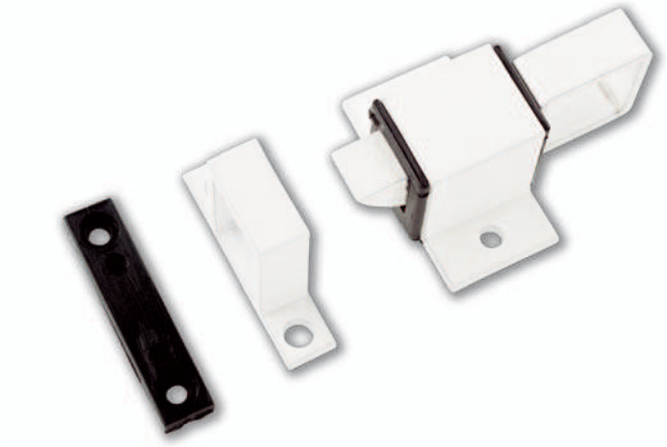


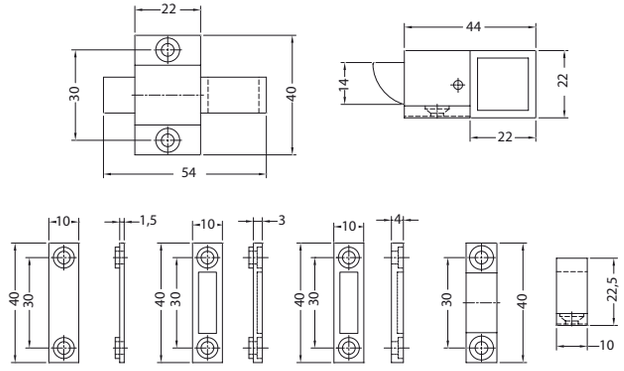
CIERRES GOLPETE PARA VENTANAS ABATIBLES
FINGER CATCH FOR TILT WINDOWS
LOQUETEAU POUR FENÊTRE À SOUFFLET





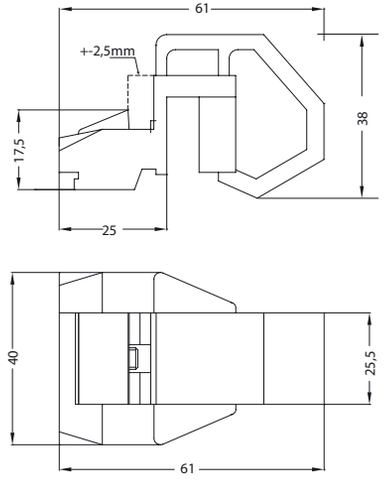
50 **Ref. 4128**





50 **Ref. 4130**





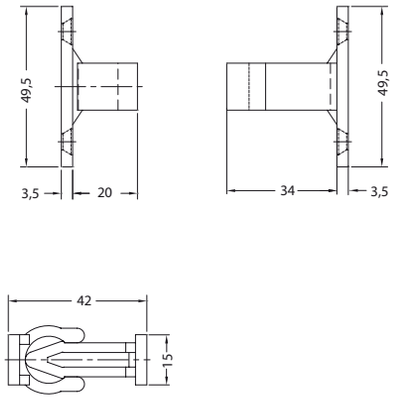
25 **Ref. 4131**

- Cierres golpete para ventanas abatibles serie nacional y europea.
- Finger catch for tilt and windows. Spanish and European groove.
- Loqueteau pour fenêtre à souflet. Serie europenne et espagnole.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon

FIJACIÓN PARA CONTRAVENTANAS

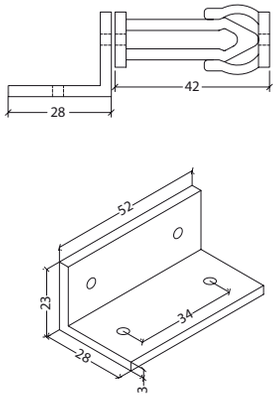




25 **Ref. 4132**

FIJACIÓN PARA PUERTA

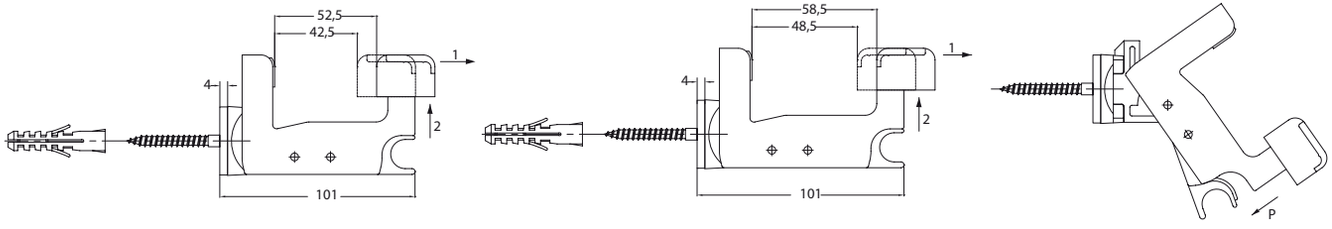




25 **Ref. 4133**

FIJACIÓN PARA CONTRAVENTANAS





50 **Ref. 6900**

- Fijaciones para contraventanas y puertas.
- Clippers for shutters and doors.
- Clippers pour les volets et les portes.

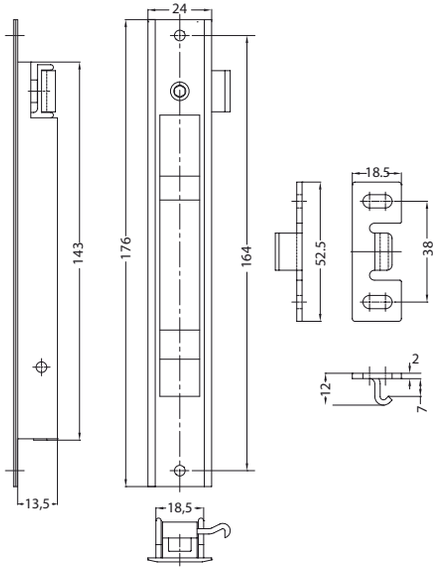
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Nylon	Nylon	Nylon

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



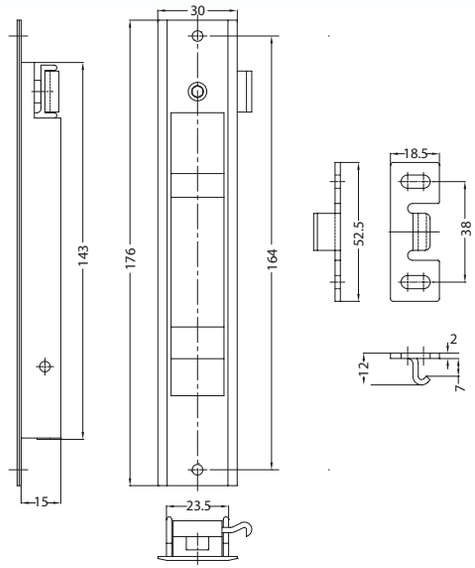
CIERRES EMBUTIDOS PARA PUERTAS Y VENTANAS CORREDERAS
SLIDING LOCKS FOR WINDOWS
POIGNÉE ENCASTRABLE POUR VANTAIL COULISSANT





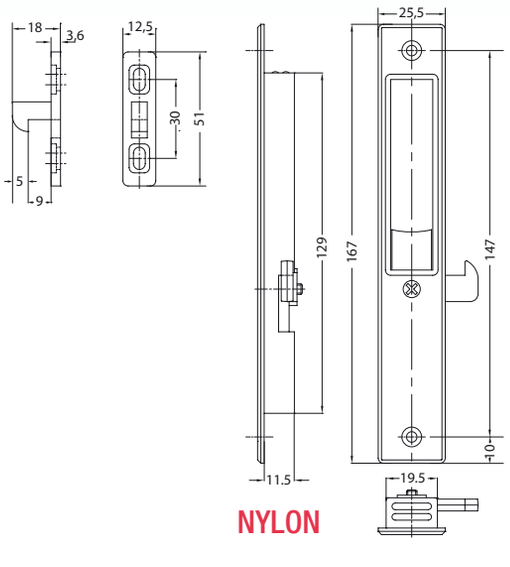
250 **Ref. 4207**





250 **Ref. 4208**





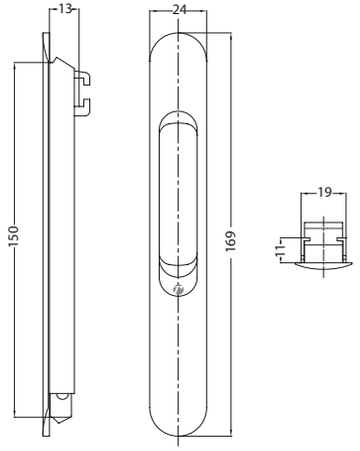
NYLON

250 **Ref. 4211**

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

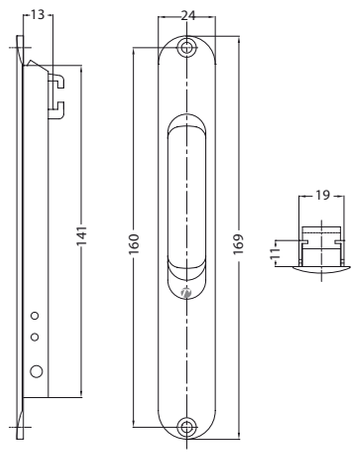
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Nylon	Nylon	Nylon
Zamak	Zamak	Zamak
Acero	Steel	Acier





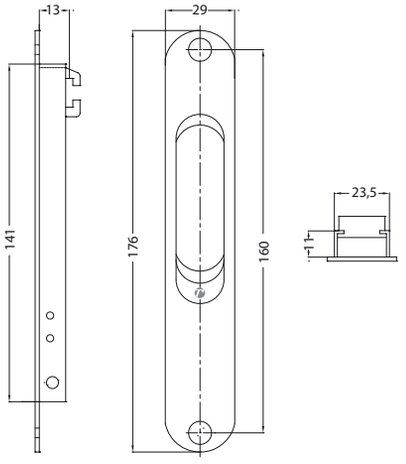
100 **Ref. 4255**





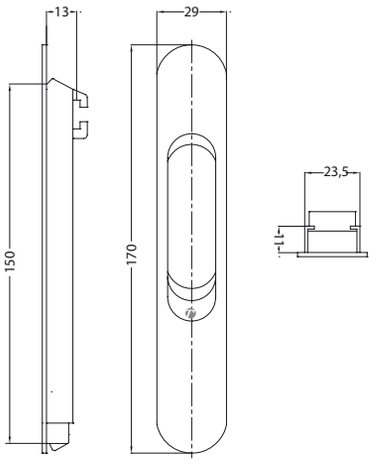
100 **Ref. 4256**





100 **Ref. 4257**





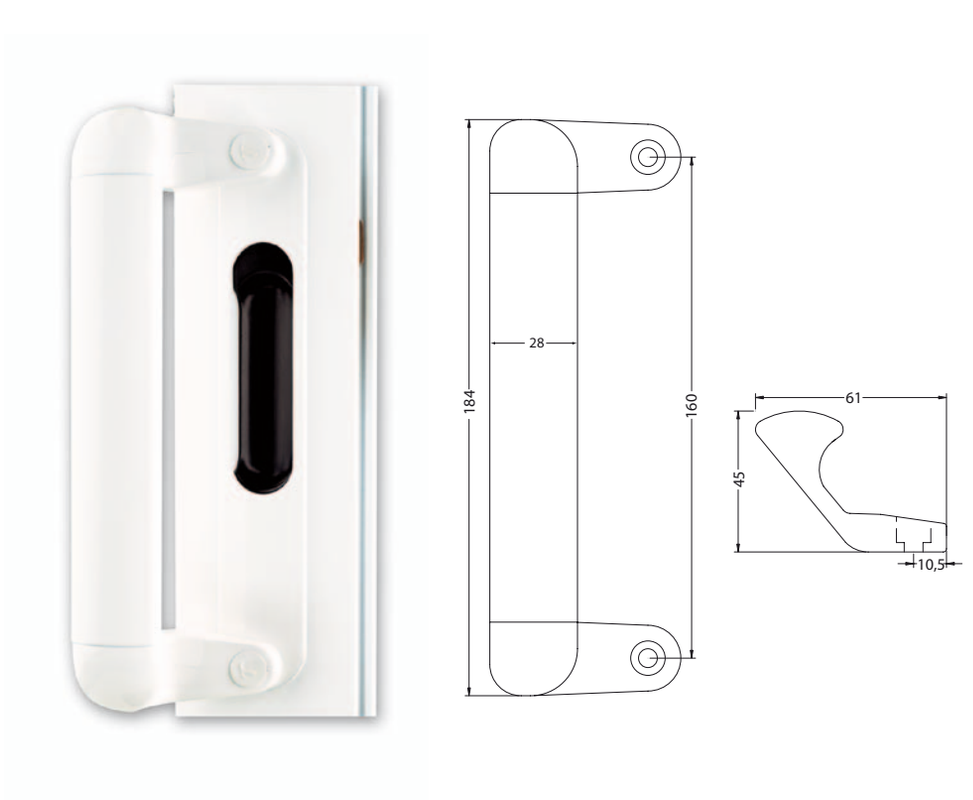
100 **Ref. 4258**

- 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**

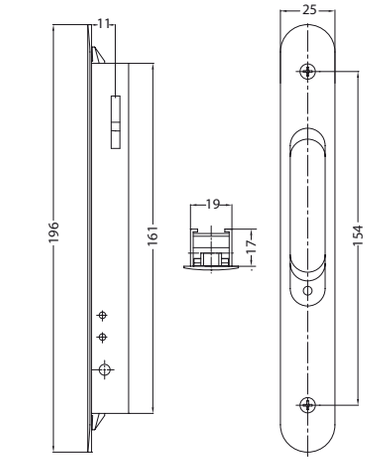


10 **Ref. 1030**

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

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

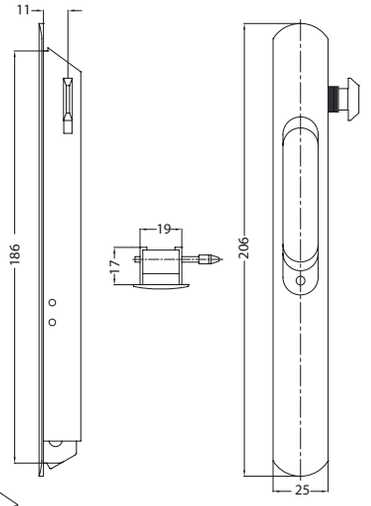




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Ref. 4260 / Ref. 4260-P

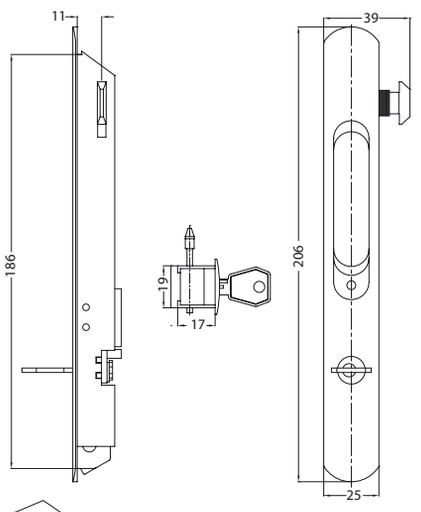




100

Ref. 4261 / Ref. 4261-P

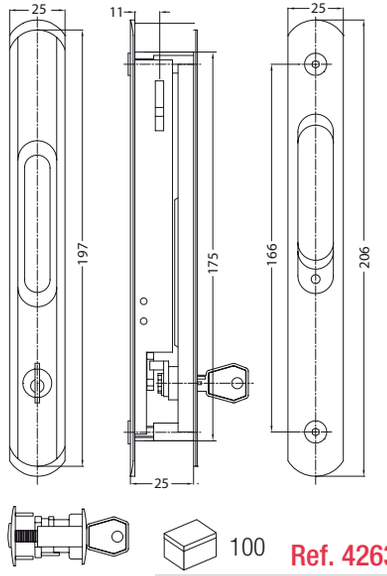




100

Ref. 4262 / Ref. 4262-P





100

Ref. 4263

Cierres embutidos para puertas y ventanas correderas.

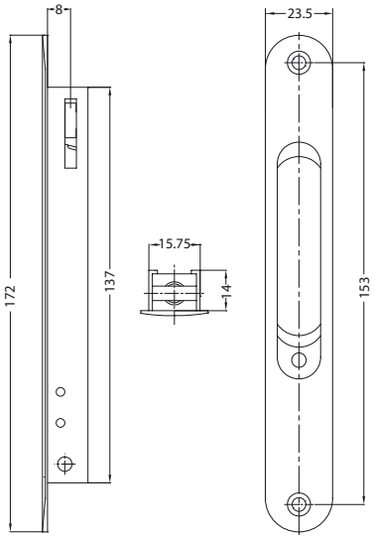
Sliding locks for doors and windows.

Poignée encastrable pour les portes et les fenêtres.

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

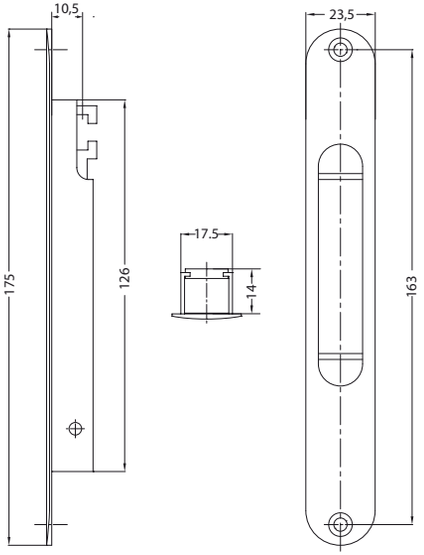
CIERRES EMBUTIDOS PARA PUERTAS Y VENTANAS CORREDERAS
SLIDING LOCKS FOR WINDOWS
POIGNÉE ENCASTRABLE POUR VANTAIL COULISSANT





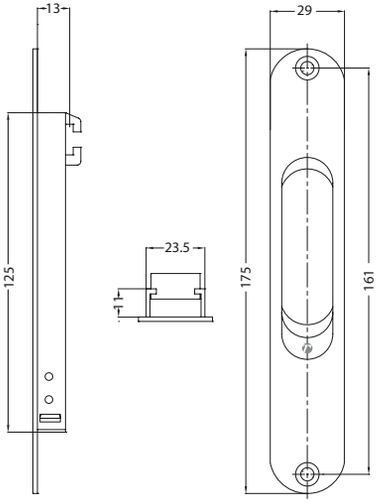
100 **Ref. 4265 / Ref. 4265-P**





100 **Ref. 4270**



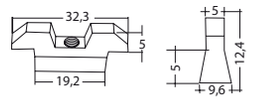


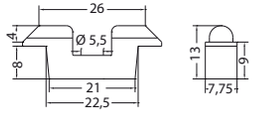
100 **Ref. 4271**

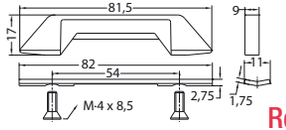
- Cierres embutidos para puertas y ventanas correderas.
- Sliding locks for doors and windows.
- Poignée encastrable pour les portes et les fenêtres.

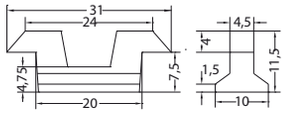
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Nylon	Nylon	Nylon
Zamak	Zamak	Zamak
Acero	Steel	Acier

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

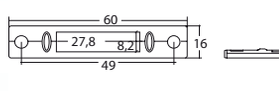


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Ref. P-A

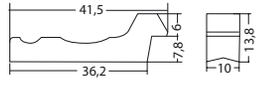


100
Ref. P-B

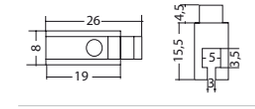


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Ref. P-B-H

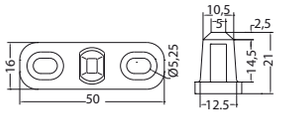


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Ref. P-G

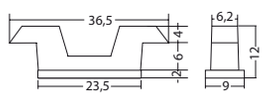

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Ref. P-K

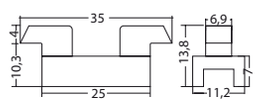


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Ref. P-M

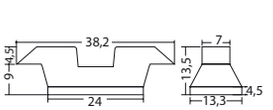


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Ref. P-P

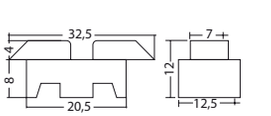


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Ref. P-V

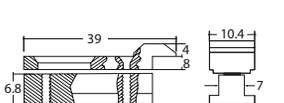


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Ref. P-X

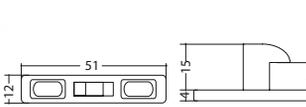


100
Ref. P-04

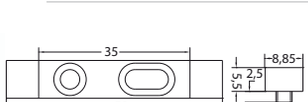


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Ref. P-06

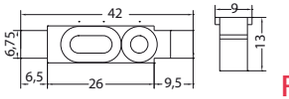


100
Ref. P-07

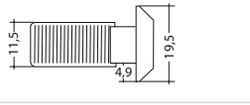


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Ref. P-09

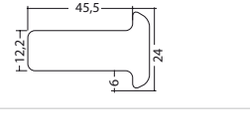


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Ref. P-14

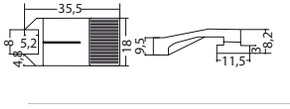


100
Ref. P-15



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

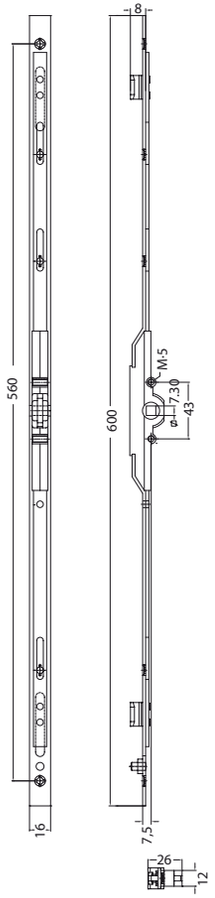
- Enganches marco y hoja para diferentes series de correderas.
- Frame keepers and lockers for different series.
- Contre fermair et fermair pour les differentes séries.

MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Acero	Steel	Acier

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



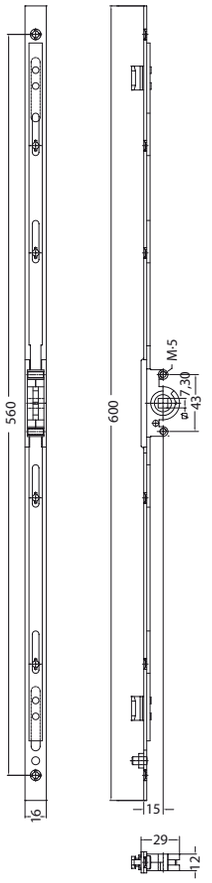




Ref. 8007 (7.5) 600 mm
Ref. 8007 (7.5) 1000 mm
Ref. 8007 (7.5) 1800 mm

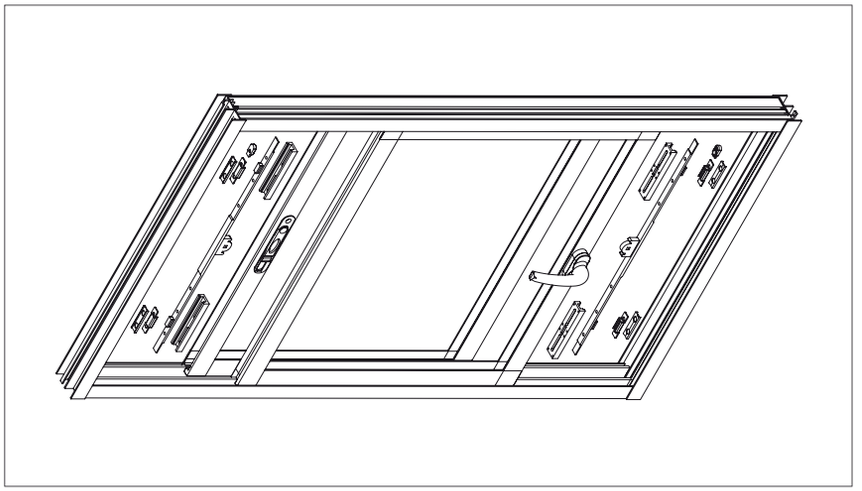
3

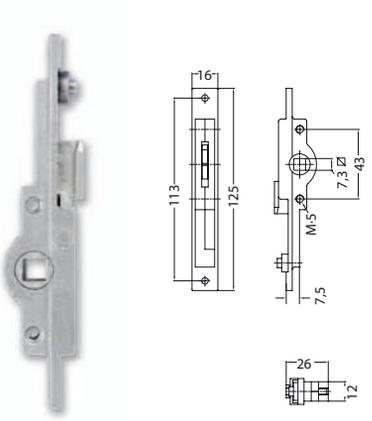




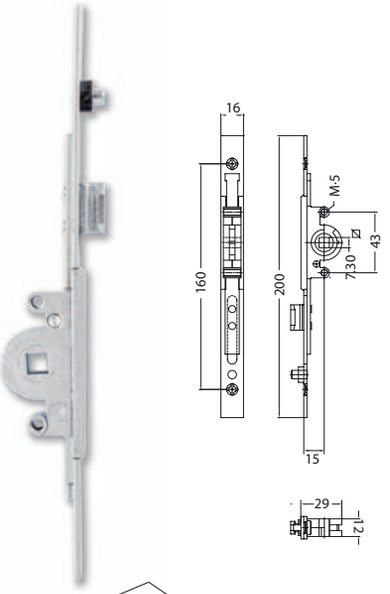
Ref. 8015 (15) 600 mm
Ref. 8015 (15) 1000 mm
Ref. 8015 (15) 1800 mm

3





10 **Ref. 8125**

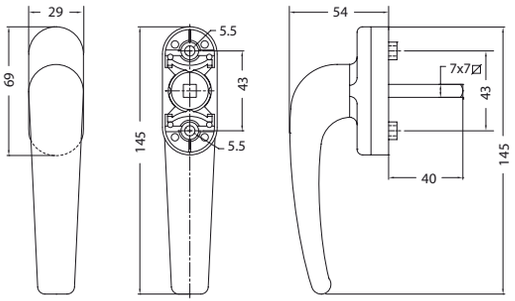


9 **Ref. 8200**

- 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 o three locking points.
- Système de fermeture mult-ipoint pour portes et fenêtres coulissantes avec un, deux ou trois points de fermeture.

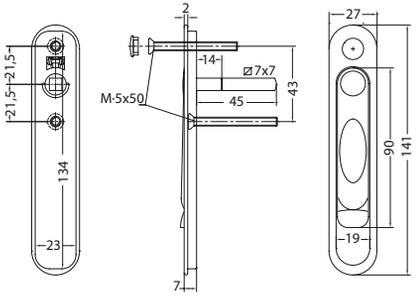
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Acero	Steel	Acier
Nylon	Nylon	Nylon





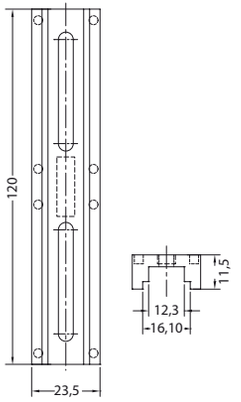
6 **Ref. 702**





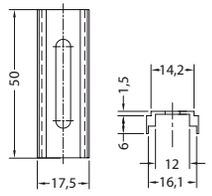
10 **Ref. 704**





100 **Ref. 8240**





100 **Ref. 8241**

- Cremonas, cierres y calzos para multipunto de correderas.
- Cremone, locker and accessories for multipoint.
- Crémone, fermetures et accessoires pour multi-point.

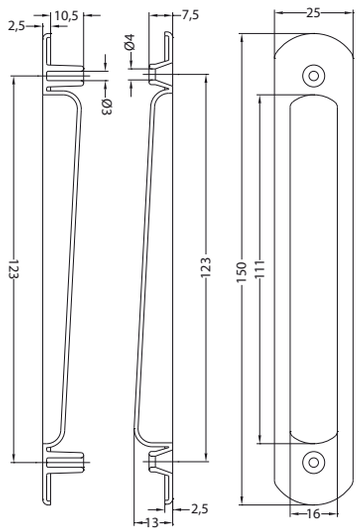
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak
Acero	Steel	Acier
Nylon	Nylon	Nylon
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression

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



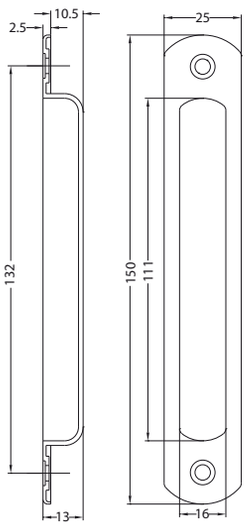
CIERRES DE CENTRO SUPERPUESTOS Y UÑEROS PARA PUERTAS Y VENTANAS CORREDERAS
CENTRAL AND PULL HANDLE FOR SLIDE WINDOWS
POIGNÉE CENTRALE NON ENCASTRABLE ET POIGNÉE À TIRAGE POUR VANTAIL COULISSANT





40 **Ref. 4032**





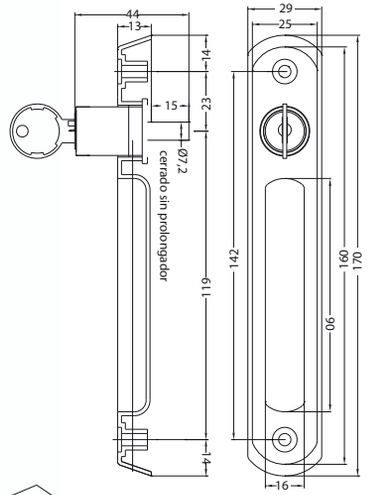
40 **Ref. 4033**





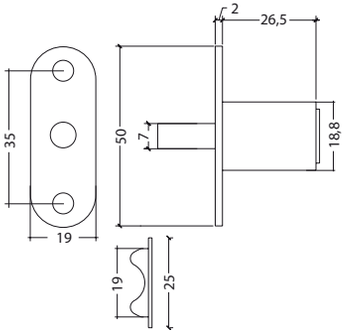
40 **Ref. 4034**





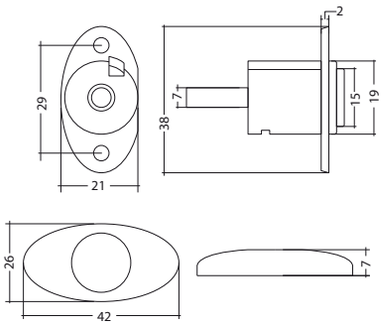
15 **Ref. 4151 / 4151-I**





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





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

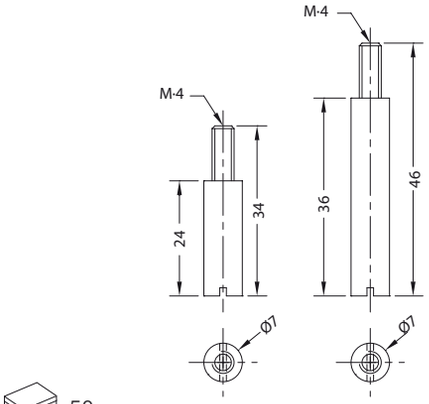
Cierres de centro superpuestos con cerradura y uñeros para puertas y ventanas correderas.

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	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrude
Nylon	Nylon	Nylon



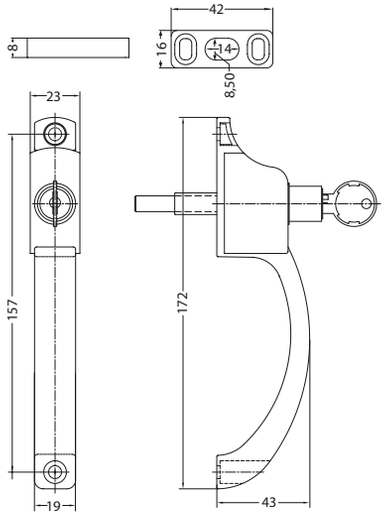


50

Ref. 4150 P. Prolongador normal (24 mm)

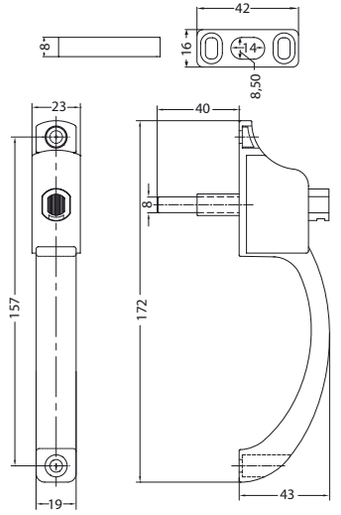
Ref. 4150 PL. Prolongador largo (36 mm)





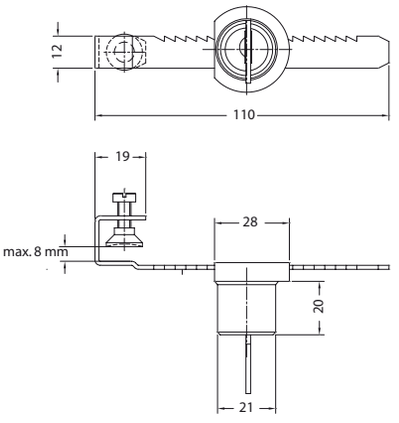
10 **Ref. 4113 C / 4113 CI**





10 **Ref. 4113**



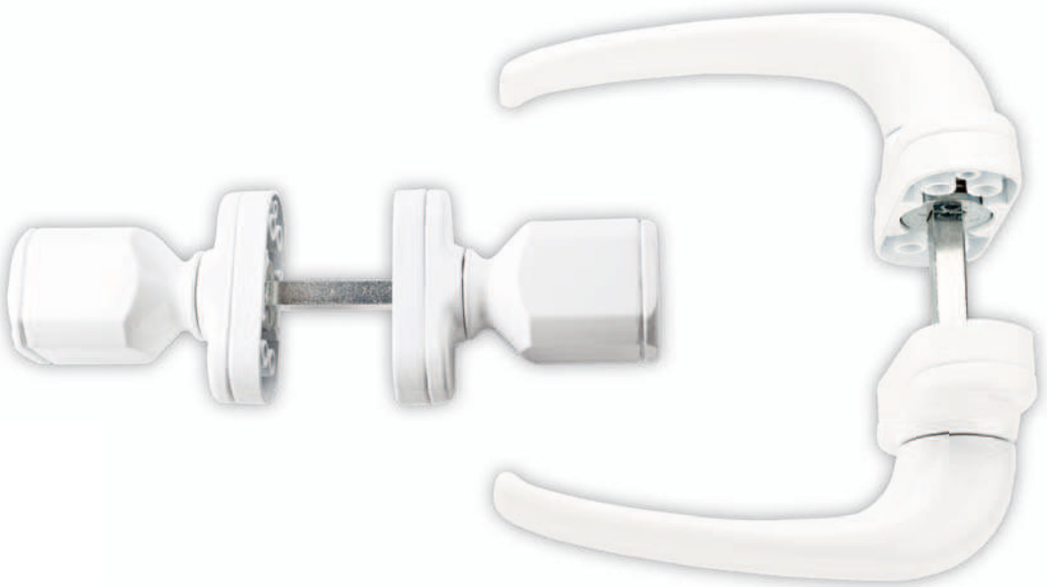


25 **Ref. 4601/4601-I**

- Cierres de centro superpuestos con y sin cerraduras y uñeros 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	MATERIALS	MATÉRIELS
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression
Nylon	Nylon	Nylon
Acero	Steel	Acier

MANILLAS Y POMOS
HANDLES AND KNOBS
BÉQUILLES ET BOUTONS



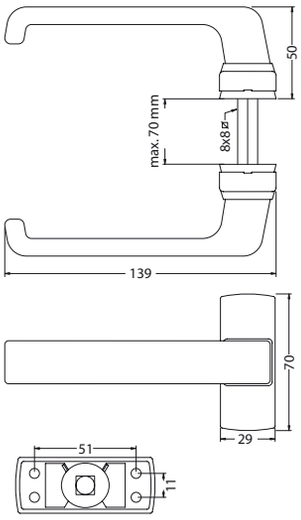
JUEGOS DE MANILLAS PARA PUERTAS
SET OF HANDLES FOR DOORS
JEU DE BÉQUILLES



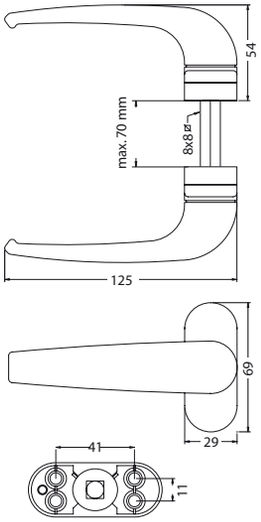




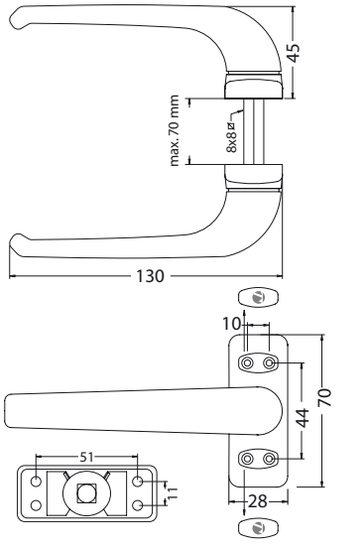




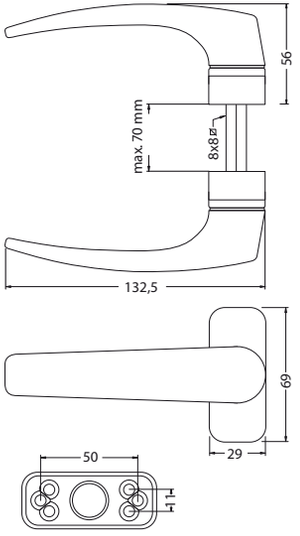
5 **Ref. 4456**



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	MATERIALS	MATÉRIELS
Aluminio	Aluminium	Aluminium
Nylon	Nylon	Nylon
Zamak	Zamak	Zamak

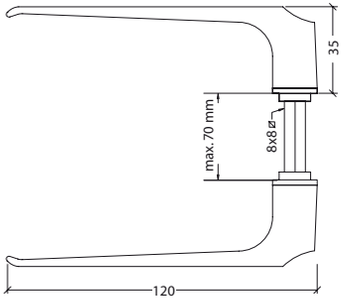
JUEGOS DE MANILLAS PARA PUERTAS
SET OF HANDLES FOR DOORS
JEU DE BÉQUILLES



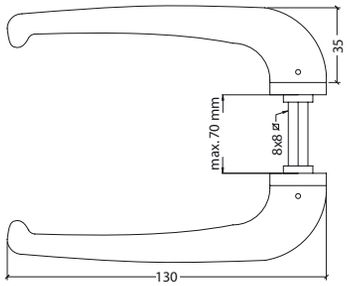




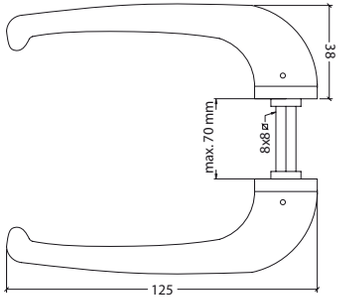




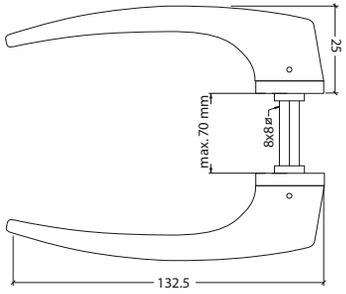
15 **Ref. 4011**



10 **Ref. 4460**



10 **Ref. 4462**



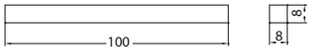
10 **Ref. 4461**

- Juegos de manillas para puertas sin escudo.
- Double handle without handle base.
- Double béquille sans rosace.

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

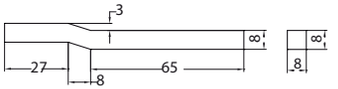
JUEGOS DE MANILLAS Y POMOS PARA PUERTAS
SET OF HANDLES AND KNOB FOR DOORS
JEU DE BÉQUILLES ET BOUTON





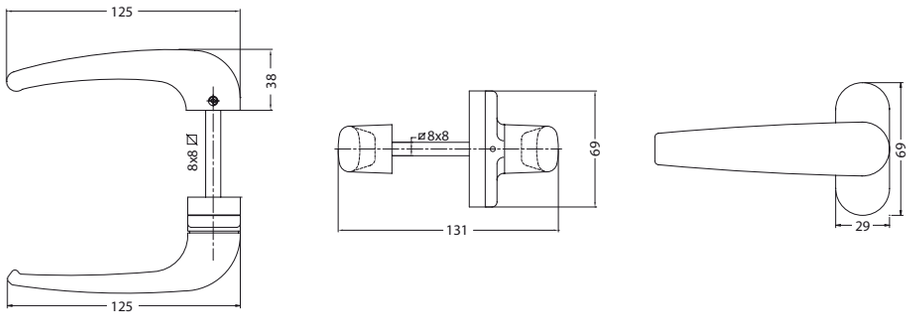
100 **Ref. 4457 C**





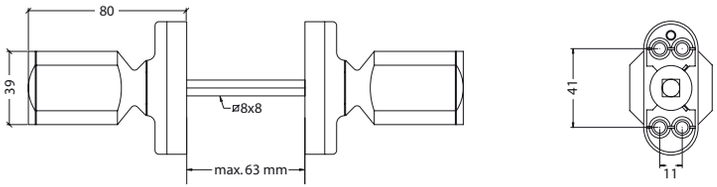
100 **Ref. 4457 D**





4 **Ref. 4465**





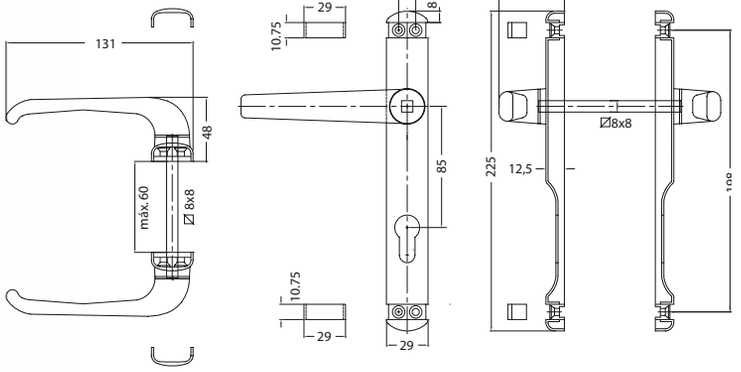
6 **Ref. 4501**

- Juegos de manillas y pomos ambidiestros con muelle de recuperación.
- Reversible handle and knobs with spring.
- Béquille et bouton avec ressort.

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

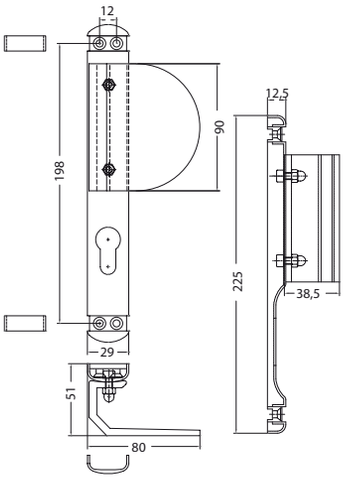
JUEGOS DE MANILLAS CON ESCUDO Y BOCALLAVE Y JUEGO DE TIRADOR CON BOCALLAVE PARA PUERTAS
SET OF HANDLE, HANDLE BASE AND ESCUTCHEON FOR DOORS
JEU DE BÉQUILLES, ROSACE ET ENTRÉE DE CYLINDRE POUR PORTES





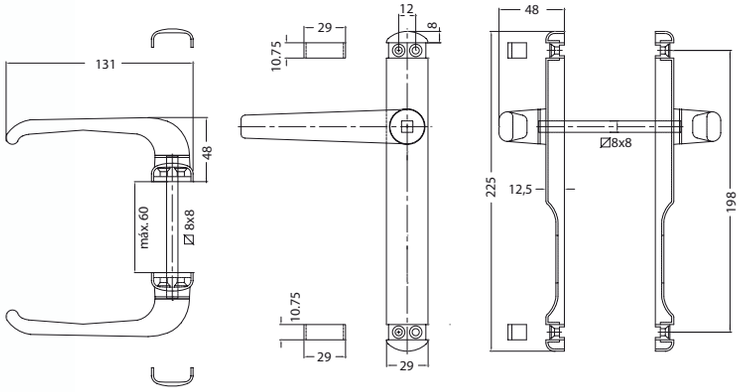
15 **Ref. 4468**





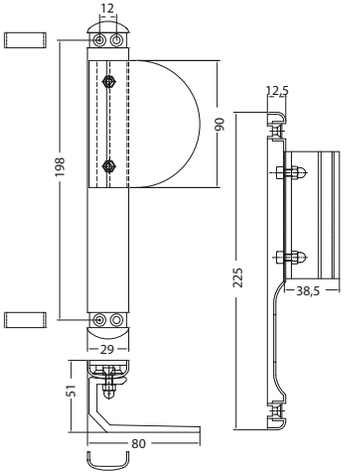
24 **Ref. 4468-A**





15 **Ref. 4469**





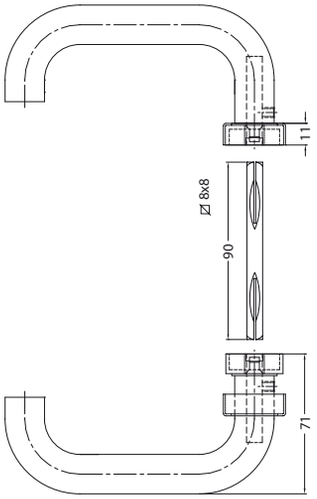
24 **Ref. 4469-A**

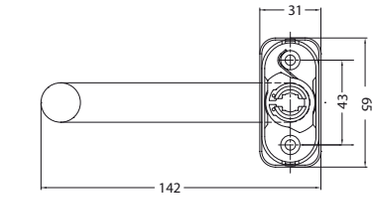
- Juegos de manillas y asa tirador reversibles con escudo bocallave para puertas.
- Set of handle and reversible pull handle.
- Jeu de béquilles et poignée à tirage reversible.

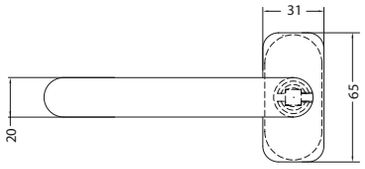
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Aluminium	Aluminium
Aluminio	Nylon	Nylon
Nylon	Zamak	Zamak
Acero	Steel	Acier
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

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





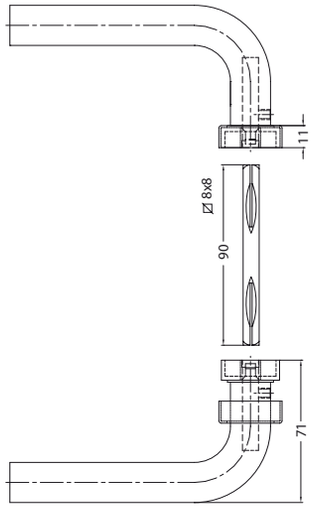


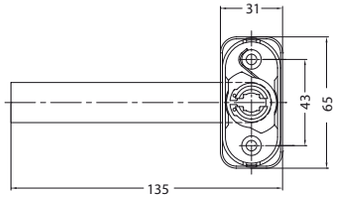


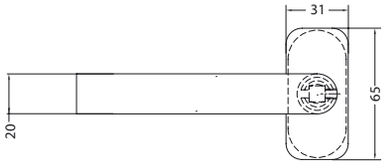
4

Ref. 4466









4

Ref. 4467

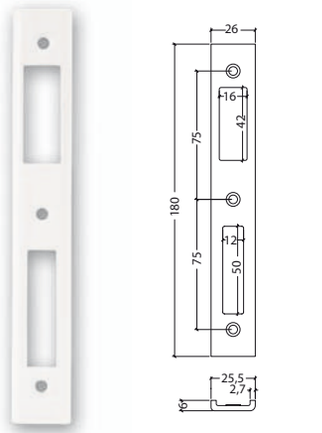
- Juegos de manillas reversible con escudo.
- Reversible double handle for doors.
- Double béquilles reversible pour portes .

MATERIALES	MATERIALS	MATÉRIELS
Zamak	Nylon	Nylon
Nylon	Zamak	Zamak
Acero inox	Stainless steel	Acier inoxydable

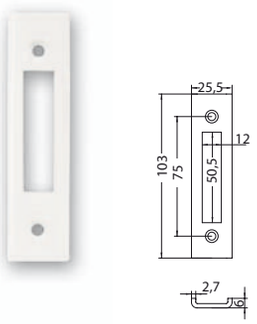
CERRADEROS Y ESCUDOS PARA PUERTAS
CLOSURE PLATES
GÂCHES



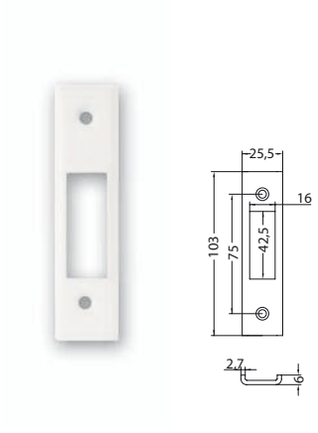
CERRADEROS Y ESCUDOS PARA PUERTAS
CLOSURE PLATES
GÂCHES



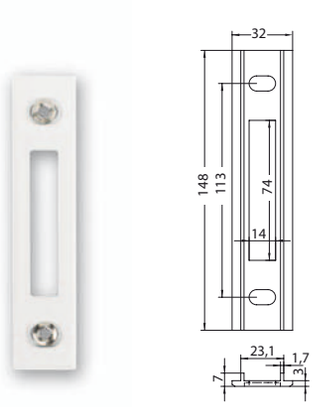
50 **Ref. 4070**



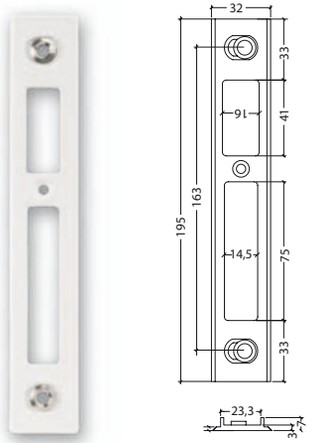
50 **Ref. 4071**



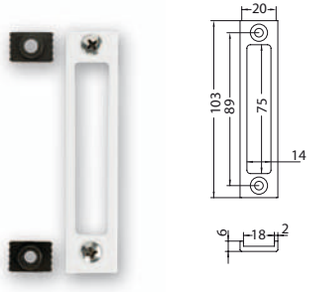
50 **Ref. 4072**



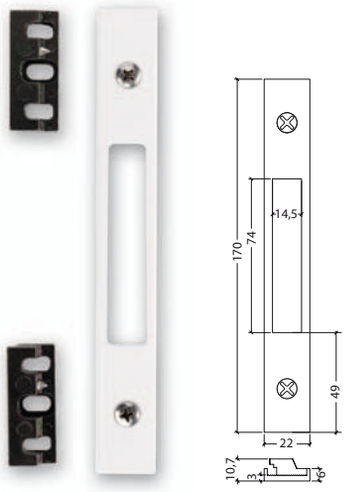
50 **Ref. 4073**



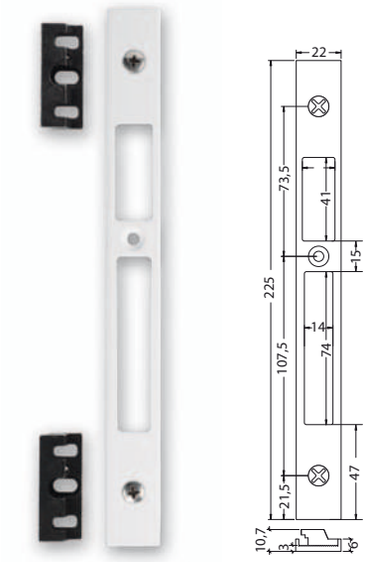
50 **Ref. 4074**



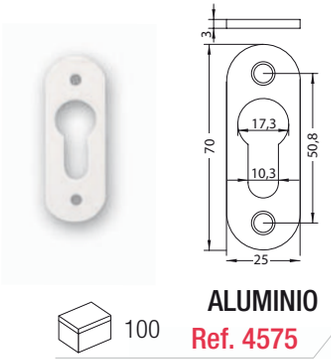
50 **Ref. 4075**



50 **Ref. 4075 R**



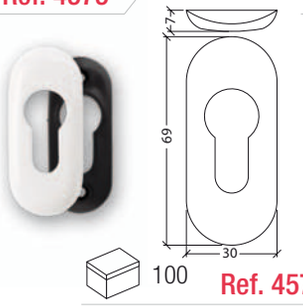
20 **Ref. 4076**



100 **ALUMINIO** **Ref. 4575**



100 **NYLON** **Ref. 4576-NY**



ZAMAK Y NYLON

100 **Ref. 4576**

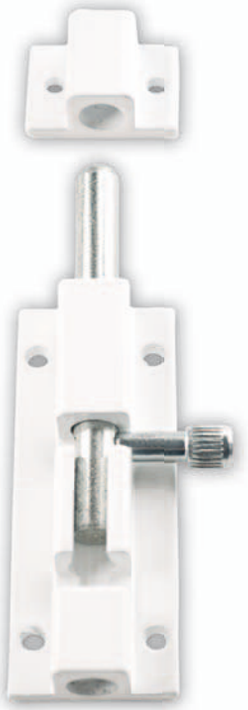
Cerraderos para puertas dobles y simples, fijos y regulables. Serie nacional y europea. Escudos bocallave.

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	MATERIALS	MATÉRIELS
Zamak	Nylon	Nylon
Nylon	Zamak	Zamak
Acero inox	Stainless steel	Acier inoxydable
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

PASADORES
BOLTS
VERROUS



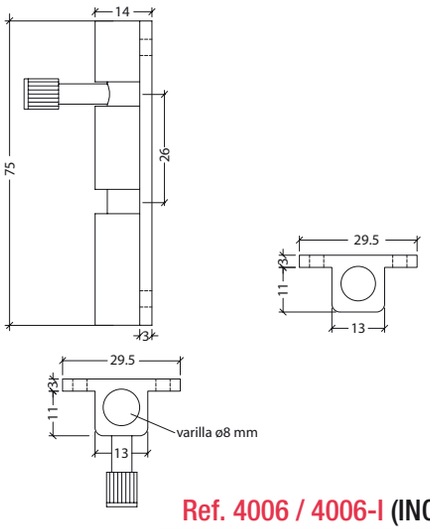
PASADORES UNIVERSALES PARA PUERTAS Y VENTANAS
UNIVERSAL BOLT FOR DOORS AND WINDOWS
VERROU UNIVERSAL POUR PORTES ET FENÊTRES



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



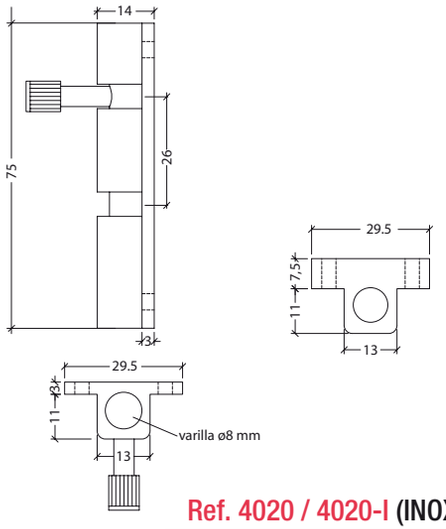
Ref. 4006 / 4006-I (INOX)



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



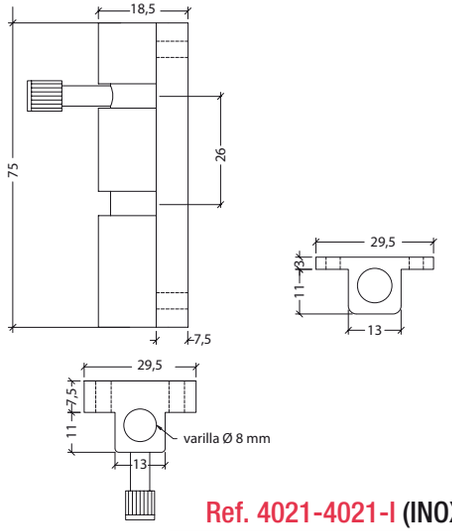
Ref. 4020 / 4020-I (INOX)



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



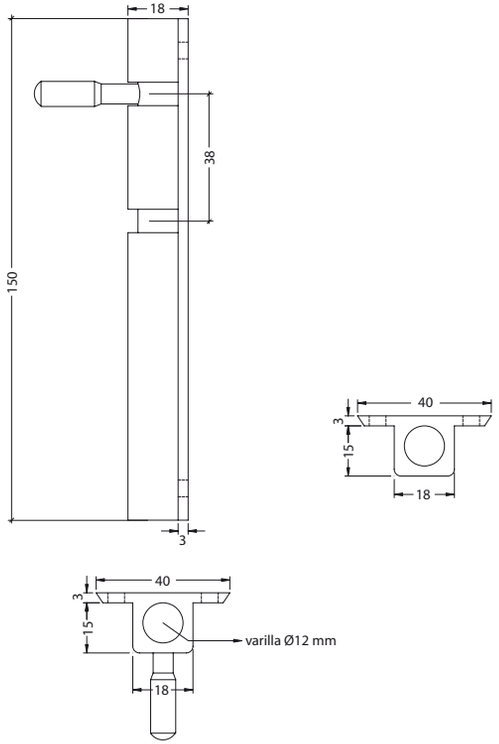
Ref. 4021-4021-I (INOX)

- 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 universal pour portes et fenêtres. Le tringe est disponible en acier inoxydable ou acier galvanisé et avec diferent mesures et finitions.

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

PASADOR GRANDE
PUENTE NORMAL





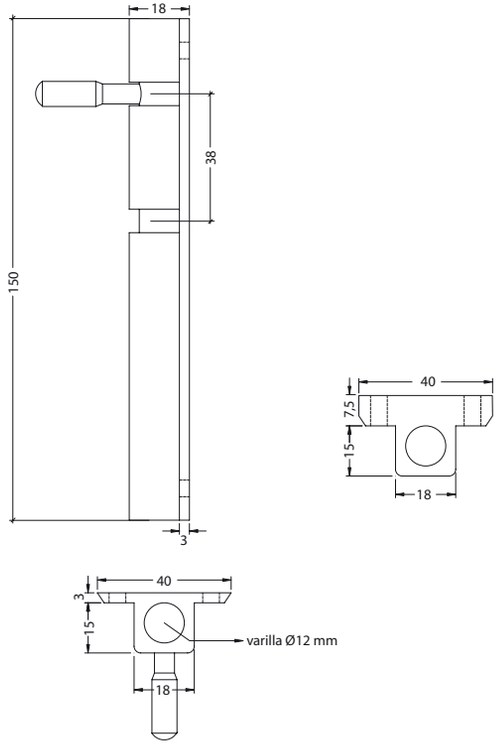
Ref. 4081	100, 150, 250, 350, 500 mm
Ref. 4081-I	100, 150, 250, 350, 500 mm

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

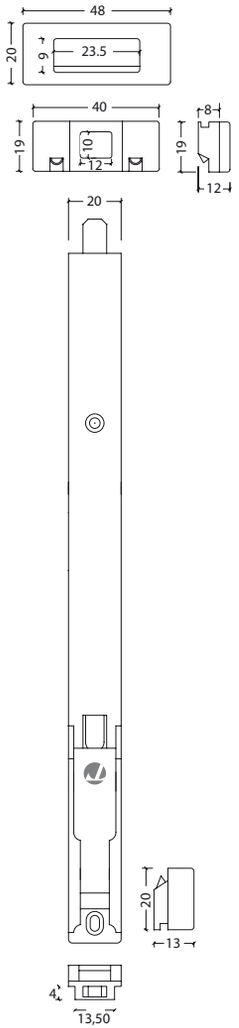
Ref. 4082 / 4082-I (INOX)

- 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 universal pour portes et fenêtres. Le tringe est disponible en acier inox ou acier galvanisé et avec diferent mesures et finitions.

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

PASADORES PARA PUERTAS Y VENTANAS
UNIVERSAL BOLT FOR DOORS AND WINDOWS
VERROU UNIVERSAL POUR PORTES ET FENÊTRES

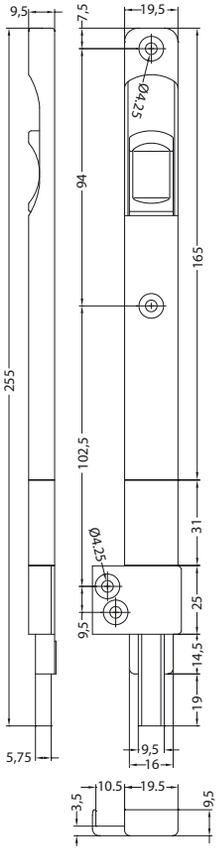




50 **Ref. 706**
(220,263 mm)

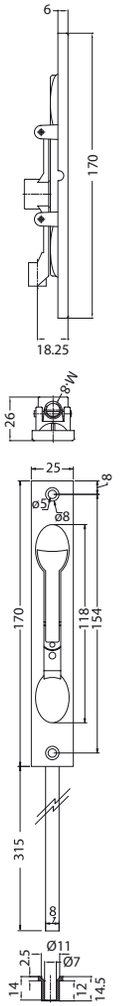
40X20 (CANAL ANCHO)
40X20 (PROFILE)
40X20 (PROFIL)





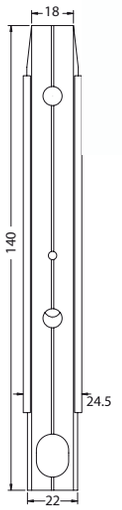
20 **Ref. 4120**



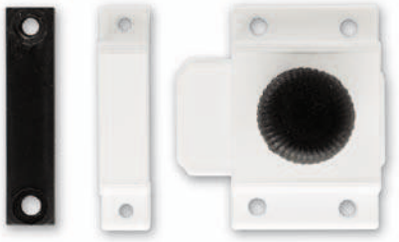


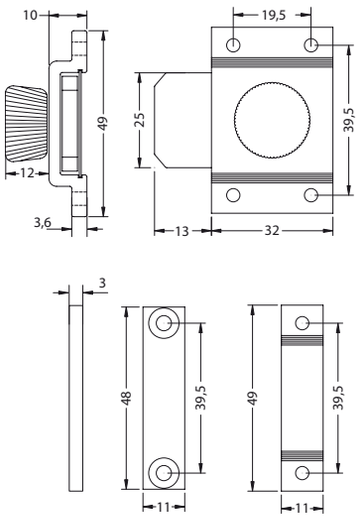
20 **Ref. 4001**





50 **Ref. 4100**
(200,300 mm)





50 **Ref. 4077**

Pasadores para puertas y ventanas.

Universal bolt for doors and windows. Inlay, flat and gliding.

Verrou universal pour portes et fenêtres. Emboutí, plate et glissant.

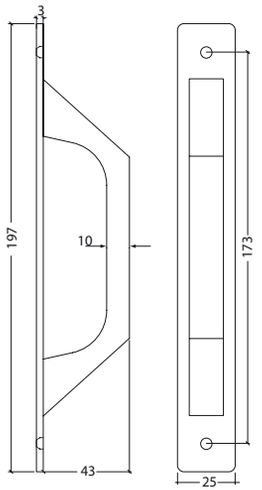
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminio extrusionado	Aluminium extrusioné
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon

ASAS TIRADOR
SMALL PULL HANDLES
POIGNÉE À TIRAGE



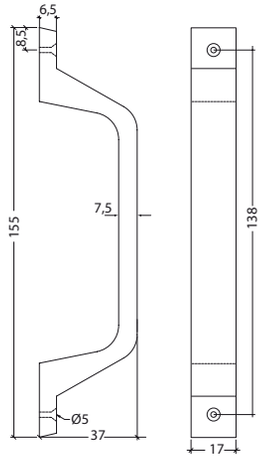
ASAS TIRADOR PARA PUERTAS Y VENTANAS
SMALL PULL HANDLE FOR DOORS AND WINDOWS
POIGNEE À TIRAGE POUR PORTES ET FENÊTRES





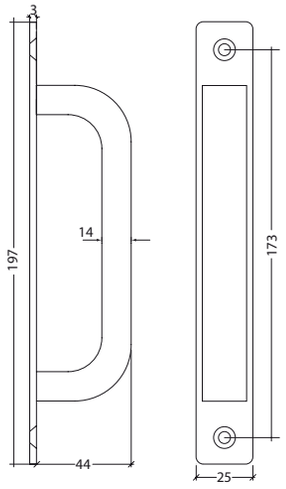
15 **Ref. 1006**





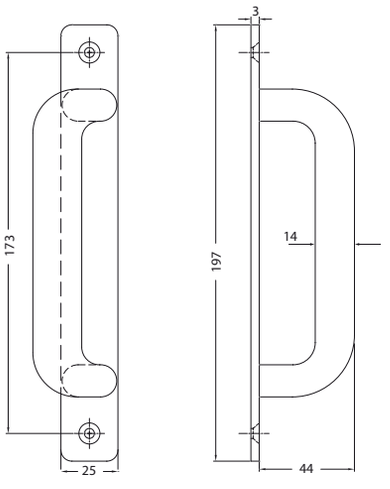
40 **Ref. 1019**





12 **Ref. 1110**



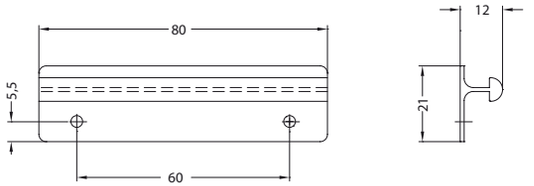


12 **Ref. 1111**

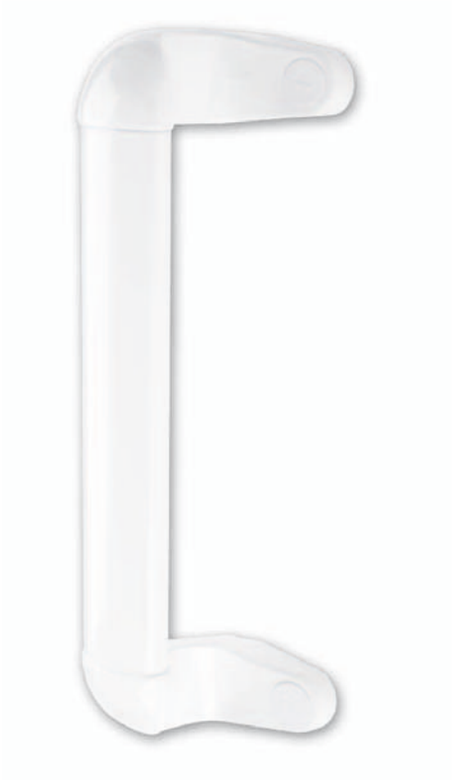
- Asas tirador rectas e inclinadas para puertas y ventanas.
- Pull handle for doors and windows. Straight and lean models.
- Poignée à tirage pour appliquer sur des portes et fenêtres. Droit ou avec inclinaison.

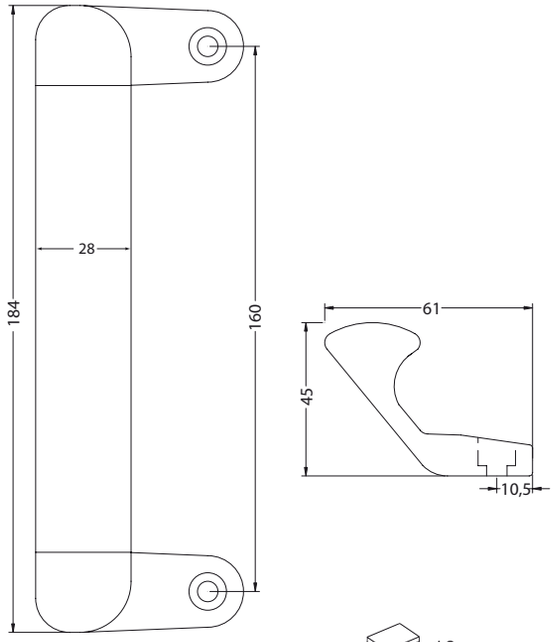
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné





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.

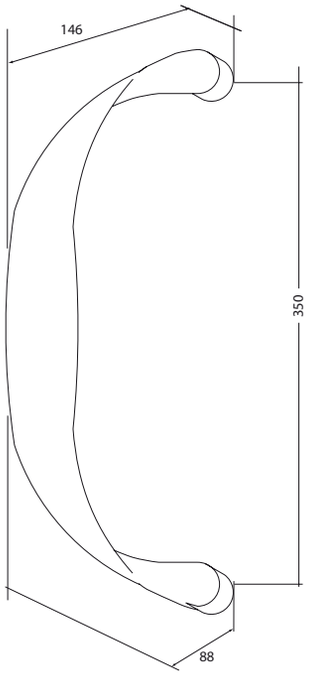
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Zamak	Zamak	Zamak

TIRADORES
PULL HANDLES
POIGNÉES À TIRAGE



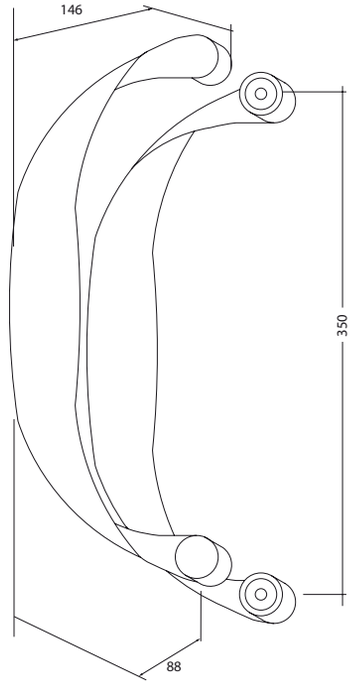
TIRADORES “DRAKKAR”
“DRAKKAR” PULL HANDLE
POIGNEE À TIRAGE “DRAKKAR”





1 **Ref. 3300**



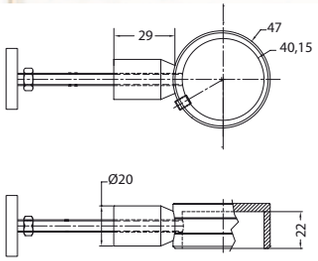


1 **Ref. 3301**

- 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	MATERIALS	MATÉRIELS
Aluminio	Aluminium	Aluminium



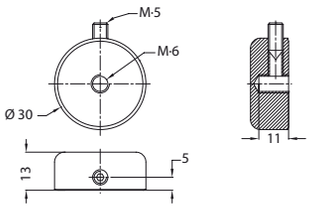


SOPORTE (INOX)

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

TIRADOR DE INOX (SIMPLE)





TUERCA (INOX)

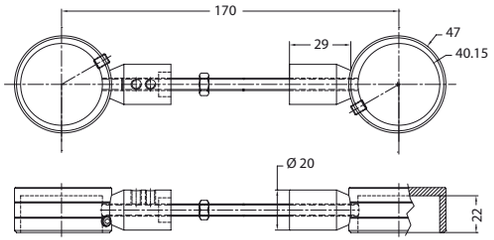
Ref. 3203 (INOX)



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

TIRADOR DE INOX (DOBLE)





SOPORTES (INOX)

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

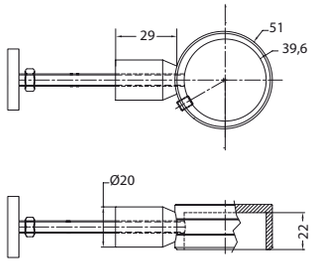
- Juego de soportes simples o dobles y tubos.
- Set of fastening devices simgle or double and tubes.
- Accessoires simple ou double pour tuyeaux à tirage.

MATERIALES
Acero inoxidable

MATERIALS
Stainless steel

MATÉRIELS
Acier inoxydable





SOPORTE (ALUMINIO)

3 **Ref. 3100 (ALUMINIO SIMPLE)**

TIRADOR DE ALUMINIO
(SIMPLE)

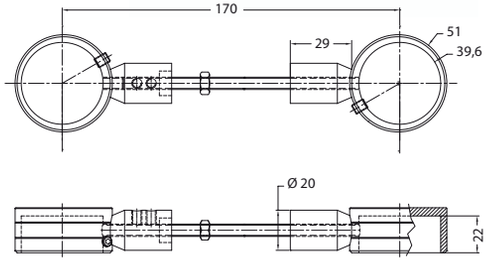




TUBOS DE ALUMINIO
39 mm Ø
3 mm espesor
2.100 mm longitud

TIRADOR DE ALUMINIO
(DOBLE)





SOPORTES (ALUMINIO)

1 **Ref. 3101 (ALUMINIO DOBLE)**

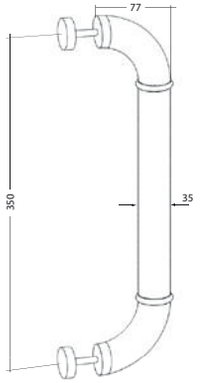
- Juegos de soportes simples o dobles y tubos. Medida máxima 2100 mm.
- Set of fastening devices simgle or double and tubes. Maximun height 2100 mm.
- Accessoires simple ou double pour tuyeaux à tirage. Maximun longueur 2100 mm.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extrude	Aluminium extrudé
Acero	Steel	Acier

TIRADOR ORLEANS - COLUMBIA
ORLEÁNS - COLUMBIA HANDLE
POIGNÉE ORLEANS - COLUMBIA

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

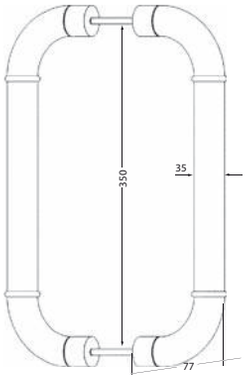




2 Ref. 3021 / 3022 / 3023

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

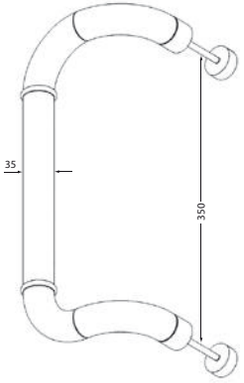


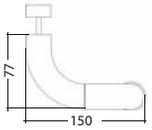


1 Ref. 3024 / 3025 / 3026

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



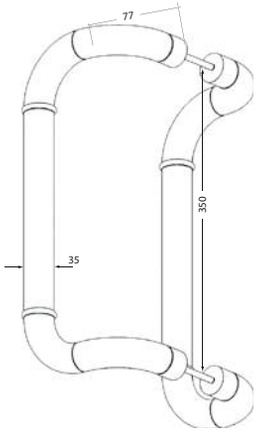




2 Ref. 3051 / 3052 / 3053

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





1 Ref. 3055 / 3056 / 3057

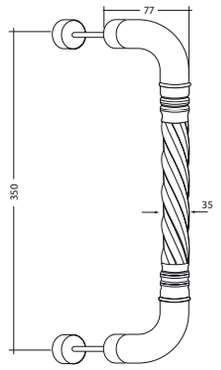
- Tiradores ambidiestros para puertas de aluminio, cristal o madera simples y dobles.
- Reversible door handle for aluminium, wooden and glass doors simgle or double.
- Reversible poignée pour les portes d'aluminium, bois et verre disponible simple ou double.

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

TIRADORES “VENECIA”
“VENECIA” HANDLE
POIGNÉE “VENECIA”

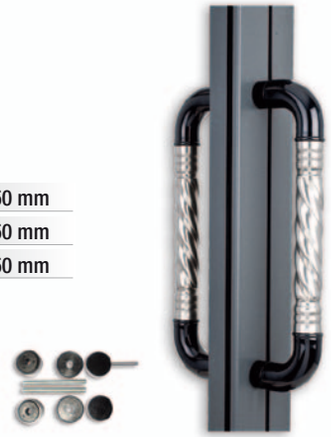
Ref. 3031	350 mm
Ref. 3032	450 mm
Ref. 3033	550 mm

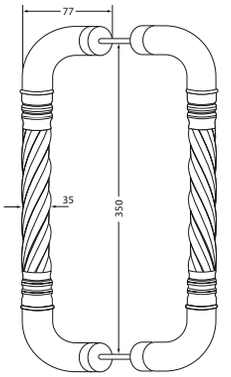




2 Ref. 3031 / 3032 / 3033

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

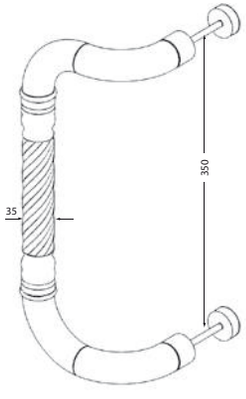


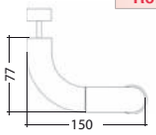


1 Ref. 3035 / 3036 / 3037

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



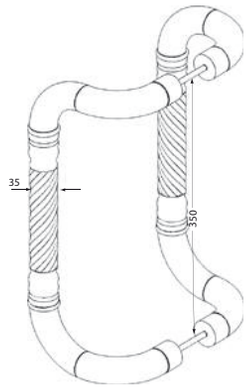




2 Ref. 3041 / 3042 / 3043

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



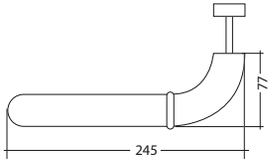


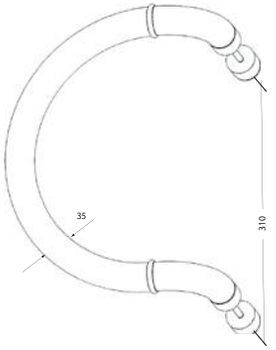
1 Ref. 3045 / 3046 / 3047

- 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	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extrude	Aluminium extrusioné
Zamak inyectado	Zamak	Zamak
Nylon	Nylon	Nylon
Acero	Steel	Acier



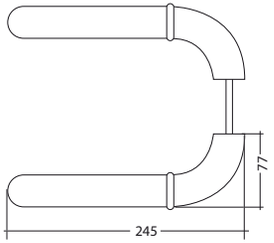


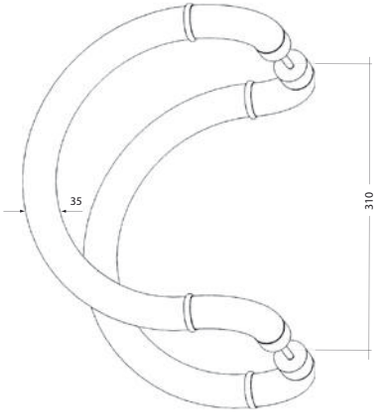


2

Ref. 3061 (310 mm)







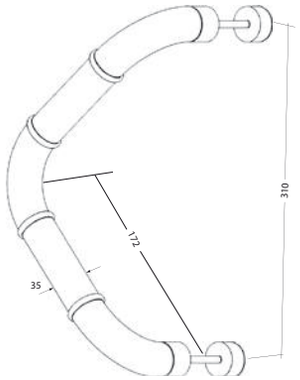
1

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.

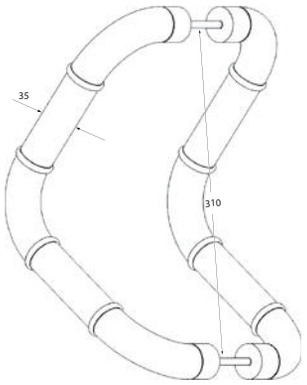
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extrude	Aluminium extrusioné
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Acero	Steel	Acier





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

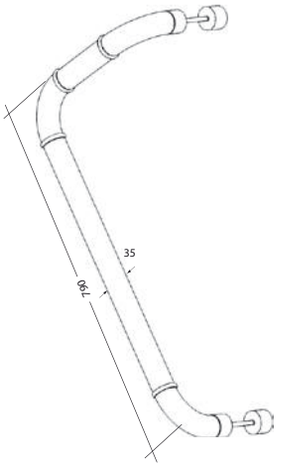




1 **Ref. 3077 (310 mm)**

Ref. 3075	750 mm
Ref. 3072	1100 mm

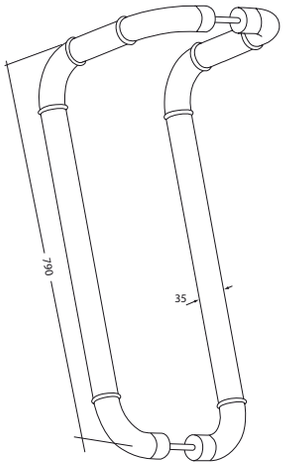




2 **Ref. 3075 / 3072**

Ref. 3071	750 mm
Ref. 3076	1110 mm



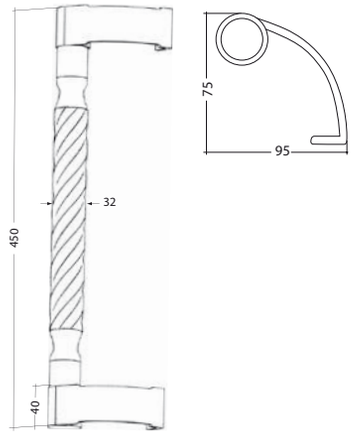


1 **Ref. 3071 / 3076**

- 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.

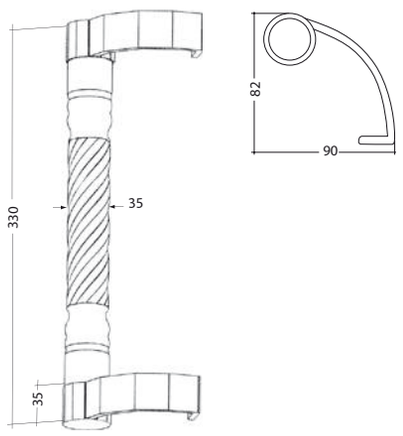
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extrude	Aluminium extrusioné
Zamak	Zamak	Zamak
Nylon	Nylon	Nylon
Acero	Steel	Acier





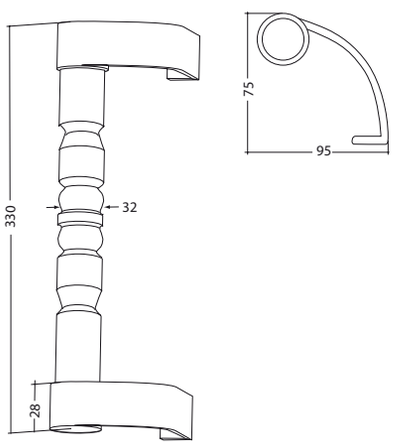
4 **Ref. 3013**





4 **Ref. 3014**



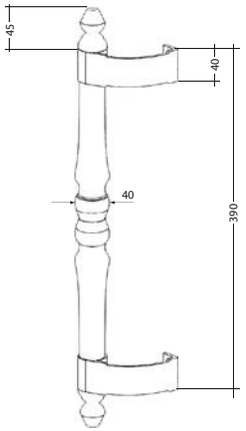


4 **Ref. 3027**

- 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.

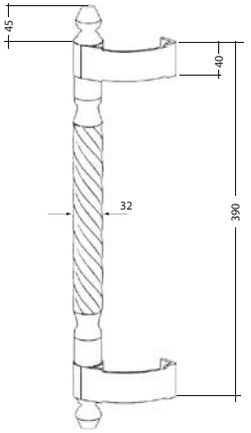
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extrude	Aluminium extrusioné



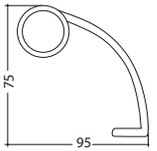


1 **Ref. 3210**

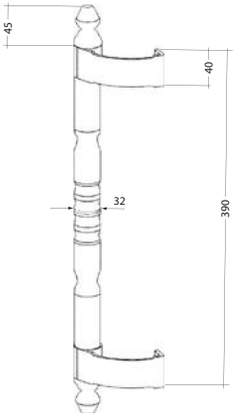




1 **Ref. 3220**

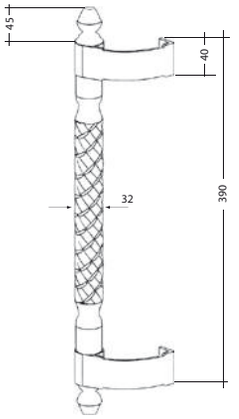






1 **Ref. 3225**





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.

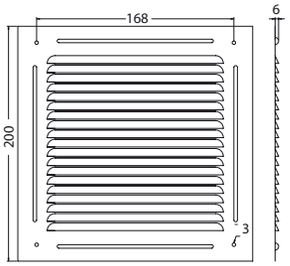
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extrude	Aluminium extrusioné

REJILLAS
VENTILATION GRILLE
GRILLE DE VENTILATION



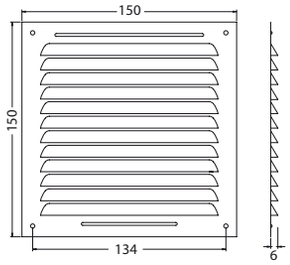
REJILLAS DE VENTILACIÓN (ALUMINIO)
VENTILATION GRILLE
GRILLE DE VENTILATION





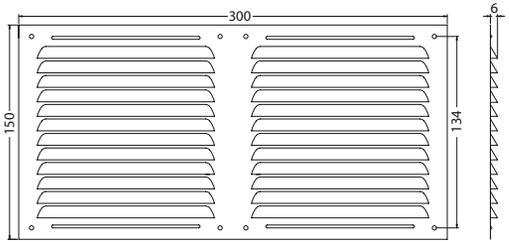
50 **Ref. 4303**



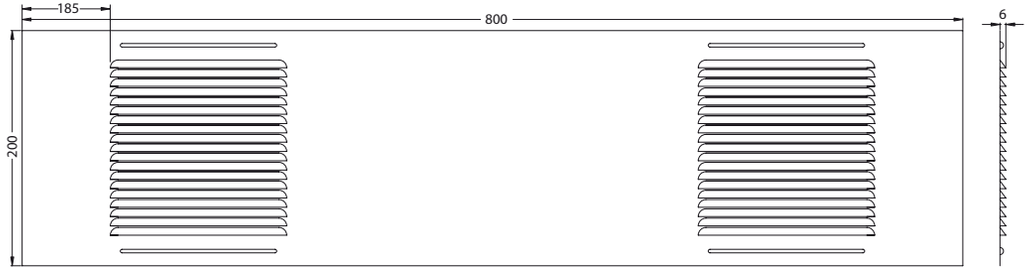


50 **Ref. 4300**





50 **Ref. 4305**



50 **Ref. 4306**

- Rejillas de ventilación con diferentes medidas.
- Ventilation grille with different measures.
- Grille de ventilation. Différentes measures.

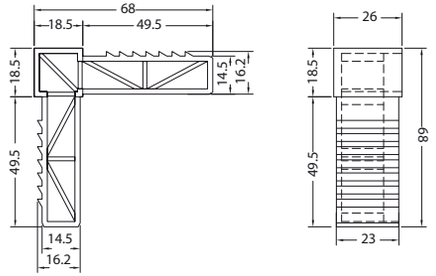
MATERIALES	MATERIALS	MATÉRIELS
Aluminio	Aluminium	Aluminium

ACCESORIOS VARIOS
ACCESSORIES
ACCESSOIRES

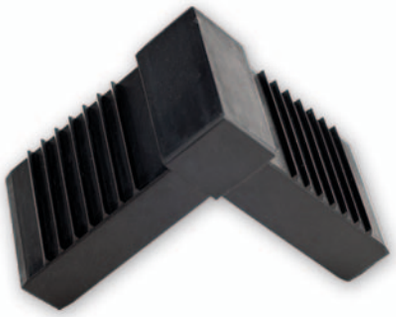


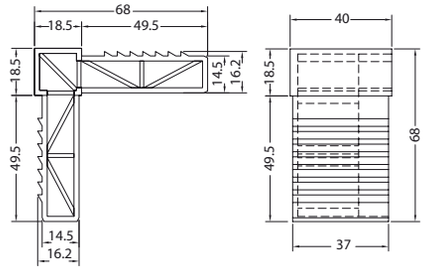
ESCUADRAS PREMARCO Y TAPAS VIERTEAGUAS (NYLON)
CORNERS FOR WINDOW FRAMES AND WATER DRAINAGE COVERS
ESQUERRE POUR FENÊTRE ET BUSETTES POUR ÉVACUATION D'EAU





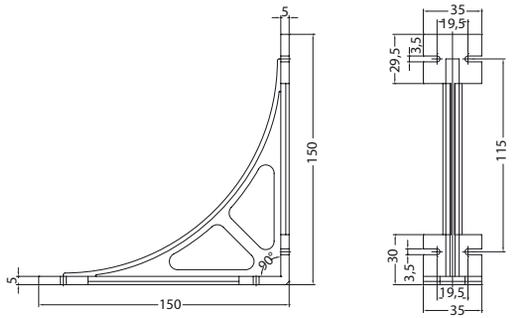
600 **Ref. 6050**





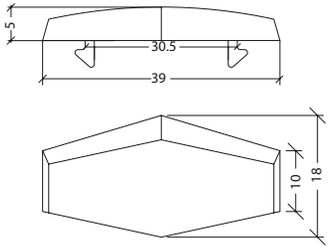
400 **Ref. 6060**





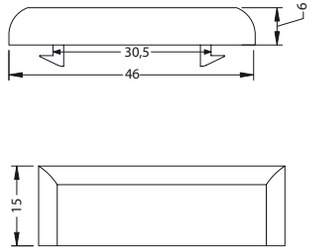
200 **Ref. 6070**





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.

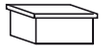
Esquerre pour fenêtre et busettes pour évacuation d´eau.

MATERIALES	MATERIALS	MATÉRIELS
Nylon	Nylon	Nylon

TAPAS DE NYLON PARA TUBOS CUADRADOS Y RECTANGULARES

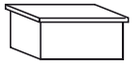


500
Ref. 6000



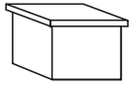
500
Ref. 6005

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



500
Ref. 6010

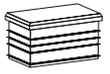
TACOS DE NYLON PARA TUBO.
NYLON CAPS FOR TUBES.
BOUCHONS EN NYLON POUR LES TUYEAUX.



500
Ref. 6015

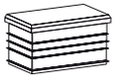


500
Ref. 6100



500
Ref. 6105

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



500
Ref. 6110

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



500
Ref. 6115



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



100
Ref. 4028-P

100
Ref. 4028-G

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. 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

CALZOS DE NYLON PARA COLOCACIÓN DE VIDRIOS
PLASTIC WEDGE FOR GLASS
CALE EN PLASTIC POUR DES VITRES



4 **Ref. 6099**



700 **Ref. 6092**



700 **Ref. 6090**



700 **Ref. 6088**



900 **Ref. 6086**



900 **Ref. 6085**



1000 **Ref. 6084**



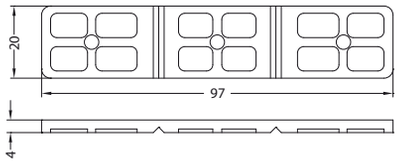
1000 **Ref. 6083**



1000 **Ref. 6082**



1000 **Ref. 6081**



Ref. 6092	97x20x12 mm	Ref. 6086	97x20x6 mm	Ref. 6083	97x20x3 mm
Ref. 6090	97x20x9 mm	Ref. 6085	97x20x5 mm	Ref. 6082	97x20x2 mm
Ref. 6088	97x20x8 mm	Ref. 6084	97x20x4 mm	Ref. 6081	97x20x1 mm

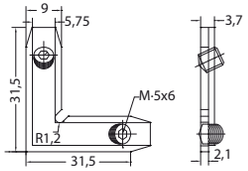
- Calzos de nylon para colocación de vidrios.
- Plastic wedge for glass.
- Cale en plastic pour des vitres.

MATERIALES
Nylon

MATERIALS
Nylon

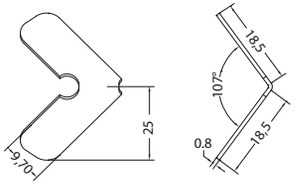
MATÉRIELS
Nylon





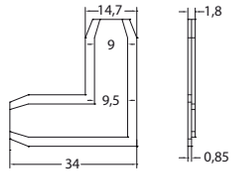
100 **Ref. 6030 (ZAMAK)**





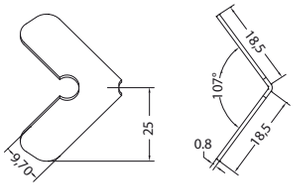
100 **Ref. 6042 (HIERRO)**





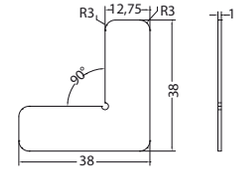
100 **Ref. 6031 (ZAMAK)**





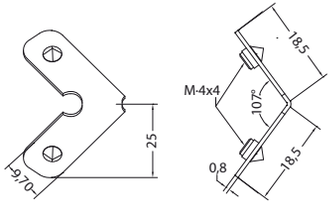
100 **Ref. 6042-I (INOX)**



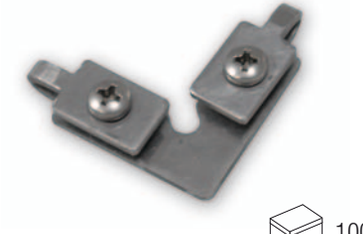


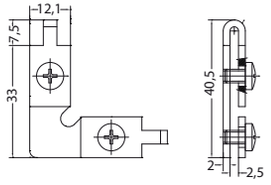
100 **Ref. 6040 (INOX)**





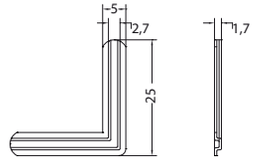
100 **Ref. 6043 (HIERRO)**





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





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

- Escuadras de alineación para puertas y ventanas.
- Aligment corners.
- Équerres d´alignement.

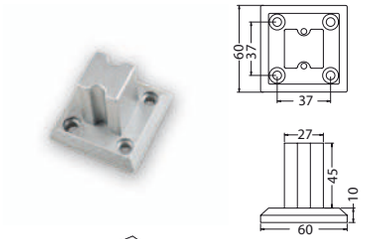
MATERIALES	MATERIALS	MATÉRIELS
Hierro	Iron	Fer
Acero inox	Stainless steel	Acier inoxydable
Aluminio	Aluminium	Aluminium

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

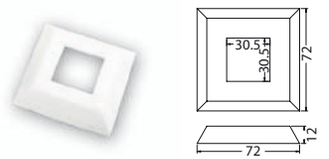


BASES PIE DE BARANDILLAS Y EMBELLECEDORES
FLOOR BASE SUPPORT FOR BALCONY + ALUMINIUM PLUG
SABOT D'ALUMINIUM POUR LE BALCON + BOUCHON D'ALUMINIUM

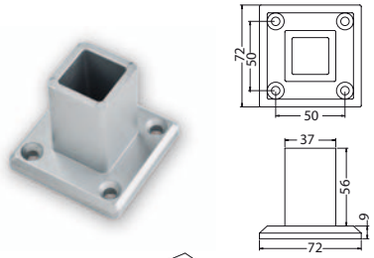




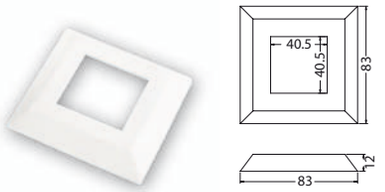
150 **Ref. 1017**



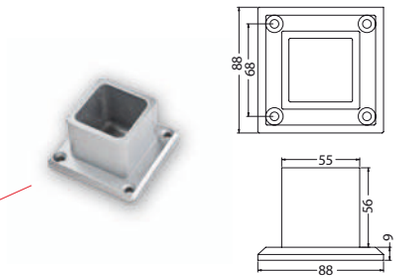
90 **Ref. 1017-CH**



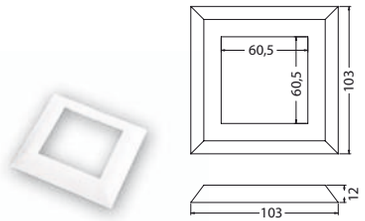
100 **Ref. 2110**



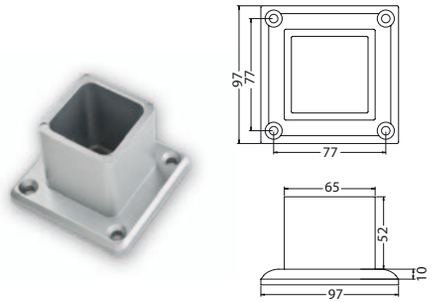
60 **Ref. 2110-CH**



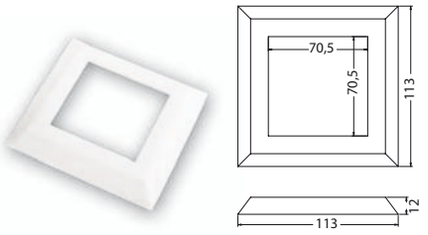
50 **Ref. 2111**



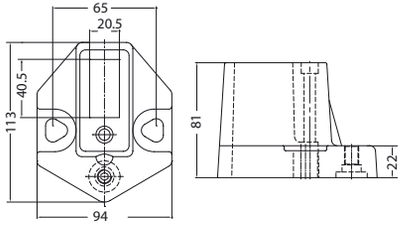
80 **Ref. 2111-CH**



40 **Ref. 2112**

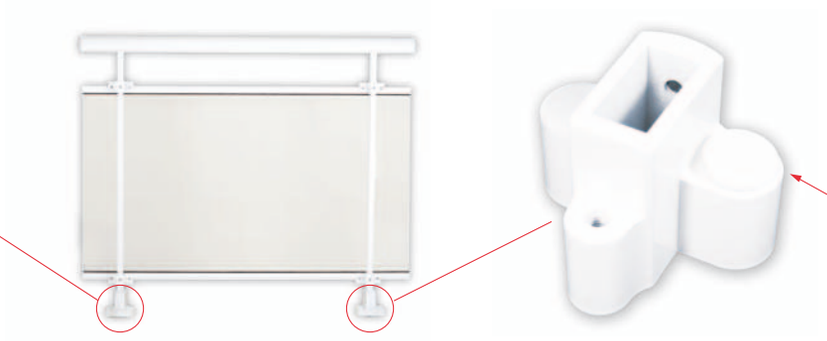


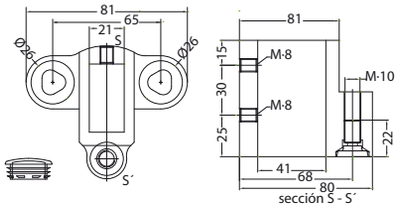
40 **Ref. 2112-CH**





30 **Ref. 2113**





40 **Ref. 2114**

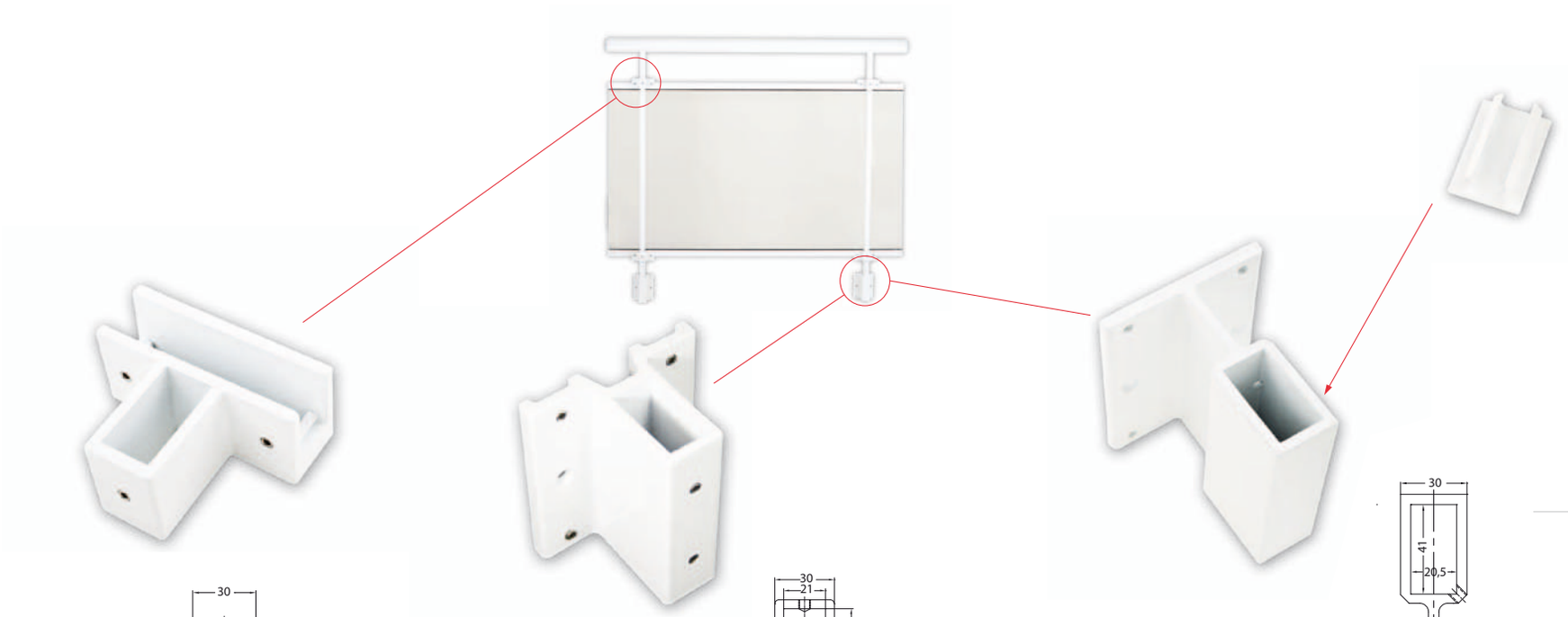
Base pie de barandillas para diferentes medidas de perfil.

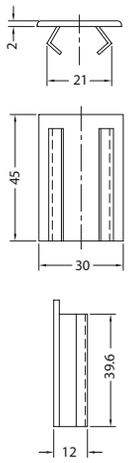
Floor base support for balcony and aluminium plug for different measures.

Sabot aluminium fusioné pour le balcon avec different measures.

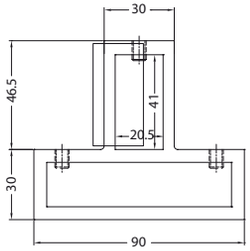
MATERIALES	MATERIALS	MATÉRIELS
Aluminio inyectado	Die-cast aluminium	Aluminium moulé sous pression
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

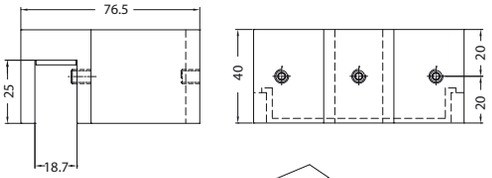
SOPORTES FIJACIÓN VIDRIOS
GLASS CAMP
FIXAGE POUR LE VITRE



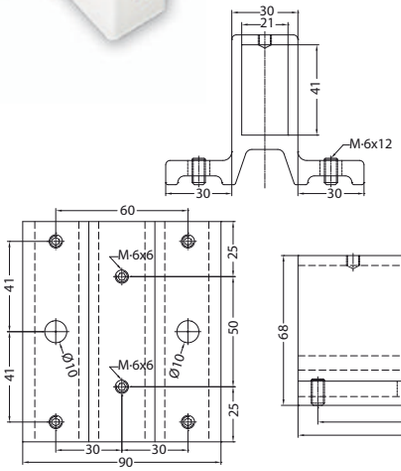


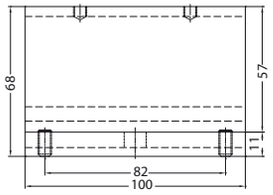
100 **Ref. 1061**



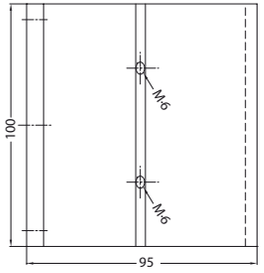


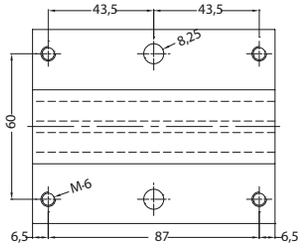
40 **Ref. 1059**





30 **Ref. 1062**





30 **Ref. 1060**

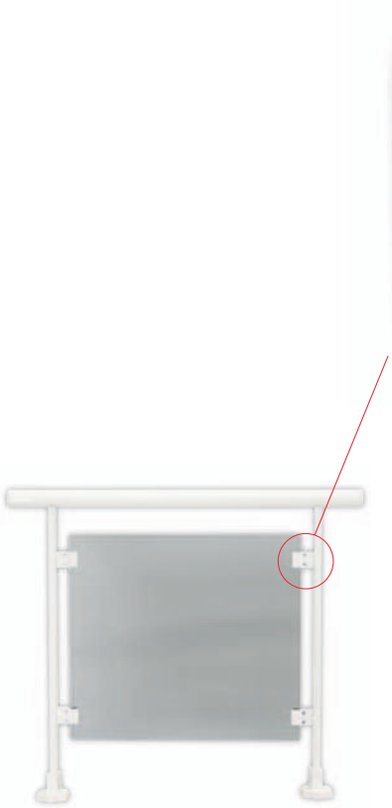
Soportes fijación vidrios.

Glass camp.

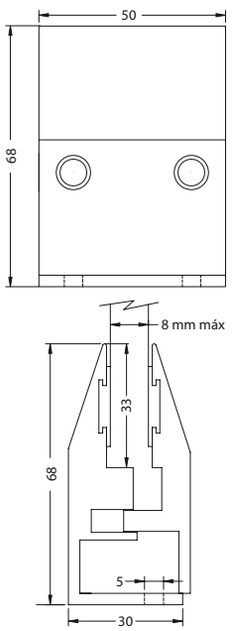
Fixage pour le vitre.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

PINZAS SOPORTES VIDRIOS
GLASS FASTENING
FIXAGE POUR LE VITRE

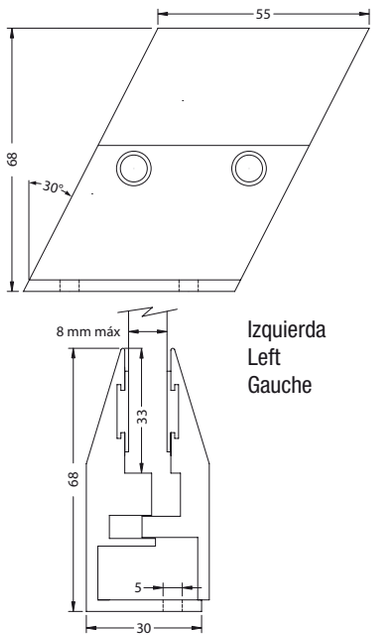






40 **Ref. ART-3**

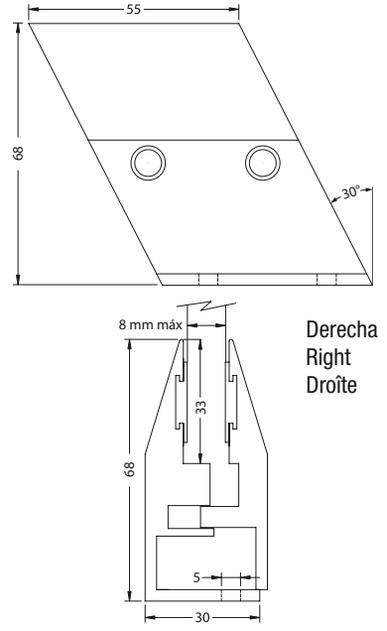




Izquierda
Left
Gauche

30 **Ref. ART-5**





Derecha
Right
Droîte

100 **Ref. ART-4**

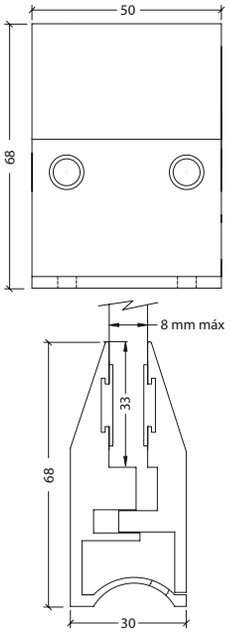


- Pinzas soportes vidrios rectas e inclinadas.
- Glass fastening, straight and lean.
- Fixage pour le vitré, droit et incliné

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

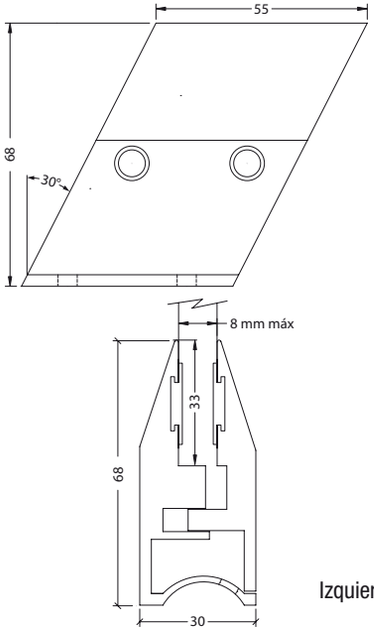
PINZAS SOPORTES VIDRIOS PARA TUBOS
FASTENING CLAMP FOR TUBES
FIXAGE POUR TUYAUX





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



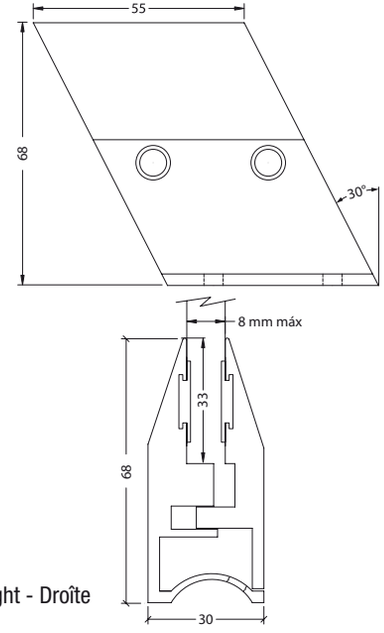


20 **Ref. ART-5-R**



Izquierda - Left - Gauche





Derecha - Right - Droîte

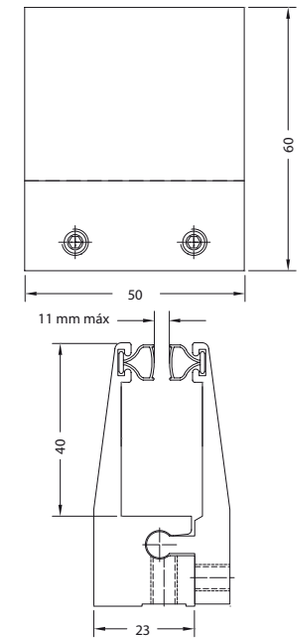
20 **Ref. ART-4-R**

- Pinzas soportes vidrios para tubos rectas e inclinadas.
- Fastening clamp for tubes, straight and lean.
- Fixage pour tuyaux, droit et incliné.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

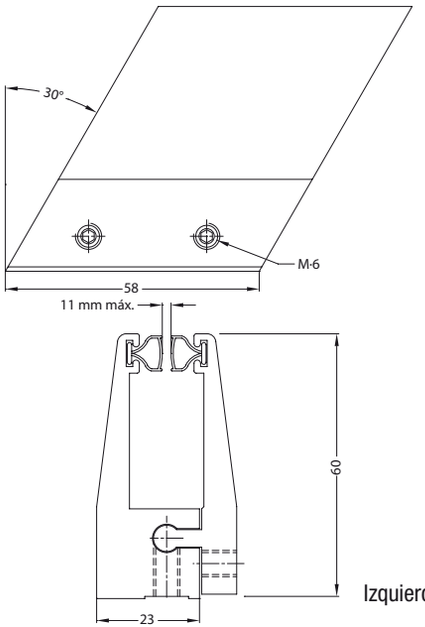
PINZAS SOPORTES VIDRIOS
FASTENING CLAMP FOR GLASS
FIXAGE POUR LE VITRE





25 **Ref. ART-6**

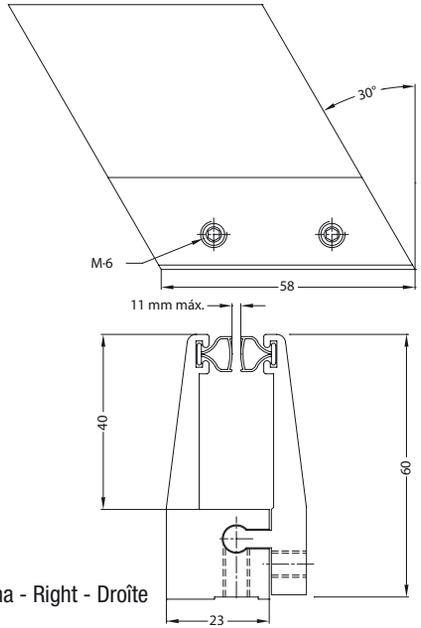




Izquierda - Left - Gauche

20 **Ref. ART-8**





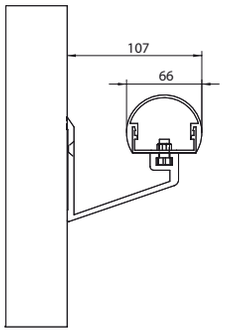
Derecha - Right - Droîte

20 **Ref. ART-7**

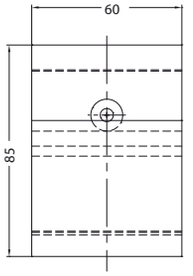
- Pinzas soportes vidrios rectas e inclinadas.
- Fastening clamp for glass straight and lean.
- Fixage pour le vitre droit et incliné.

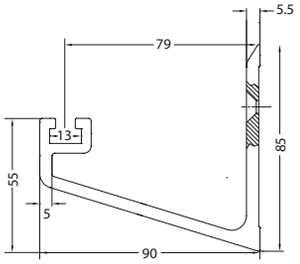
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

SOPORTES FIJACIÓN PASAMANOS A MURO
WALL CLAMP
FIXAGE AU MUR



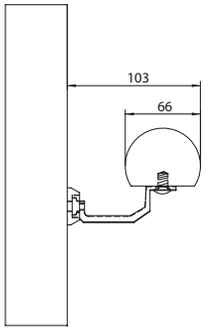




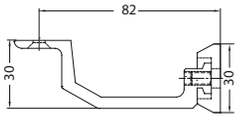


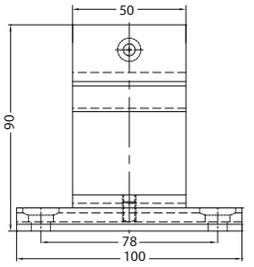
8 **Ref. 1018**



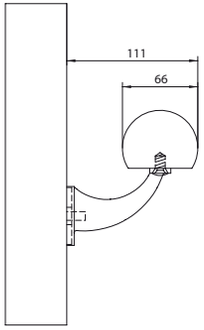




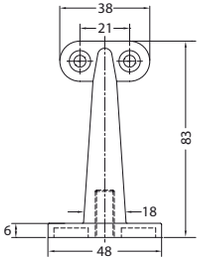




14 **Ref. 1040**





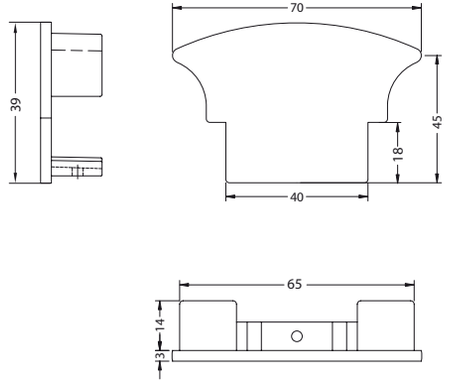


8 **Ref. 1041**

- Soportes fijación pasamanos a muro.
- Wall clamp.
- Fixage au mur.

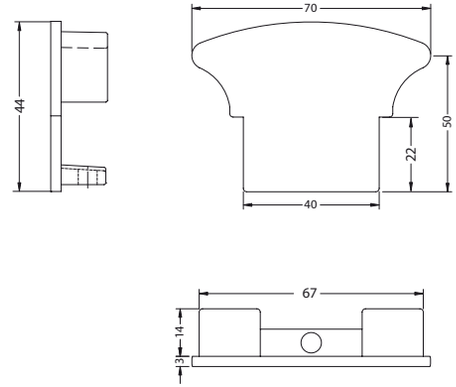
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Zamak	Zamak	Zamak





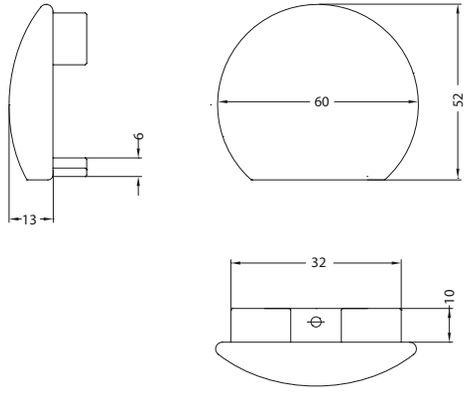
50 **Ref. 1008-ZK**





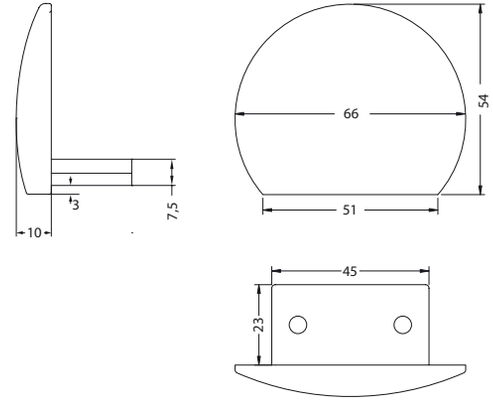
50 **Ref. 1009-ZK**





50 **Ref. 4038-ZK**



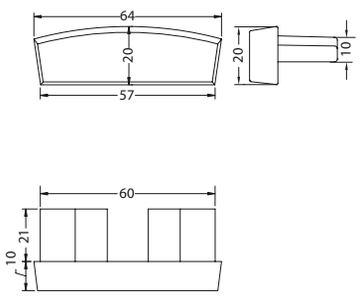


50 **Ref. 4040-ZK**

- Remates pasamanos.
- Handrail plugs.
- Balustrades bouchons.

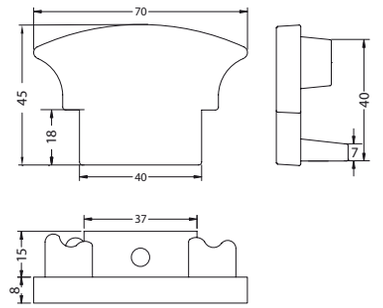
MATERIALES	MATERIALS	MATÉRIELS
Zamak	Zamak	Zamak





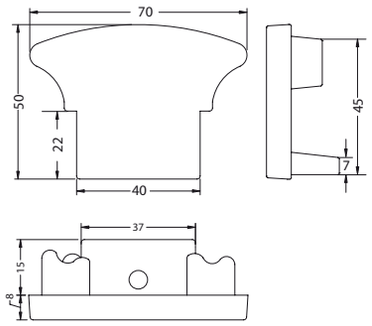
50 **Ref. 1007**





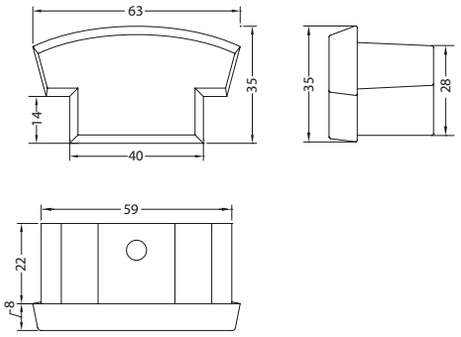
50 **Ref. 1008**





50 **Ref. 1009**



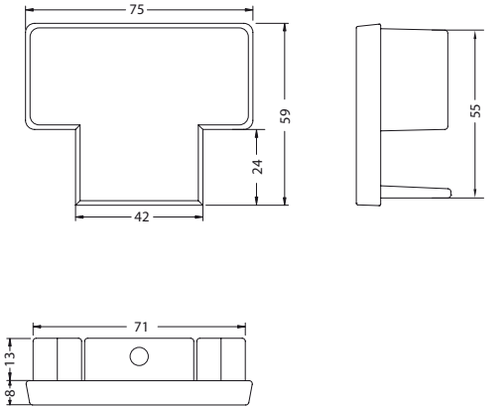


50 **Ref. 1010**

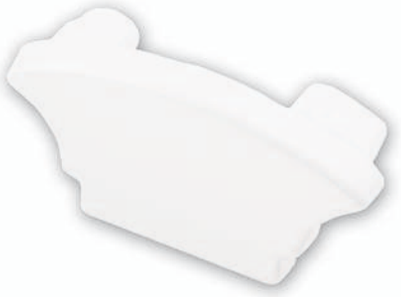
- Remates pasamanos.
- Handrail plugs.
- Balustrades bouchons.

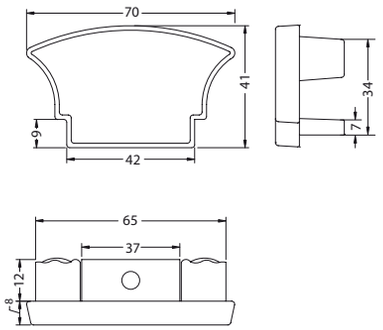
MATERIALES	MATERIALS	MATÉRIELS
Aluminio inyectado	Die cast aluminium	Aluminium moulé sous pression





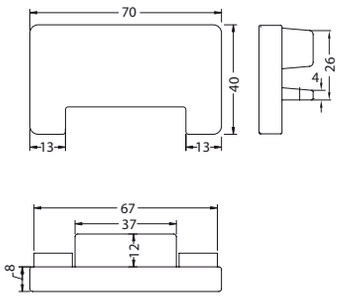
30 **Ref. 1013**





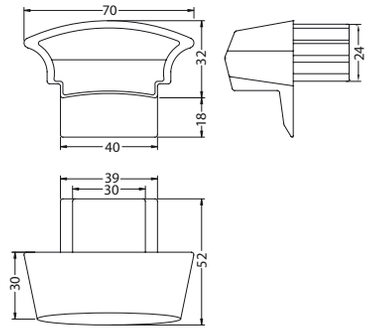
50 **Ref. 1014**





50 **Ref. 1016**



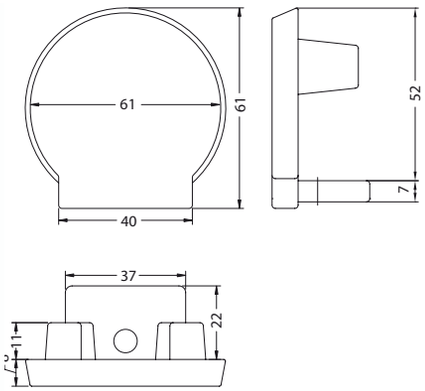


25 **Ref. 4037**

- Remates pasamanos.
- Handrail plugs.
- Balustrades bouchons.

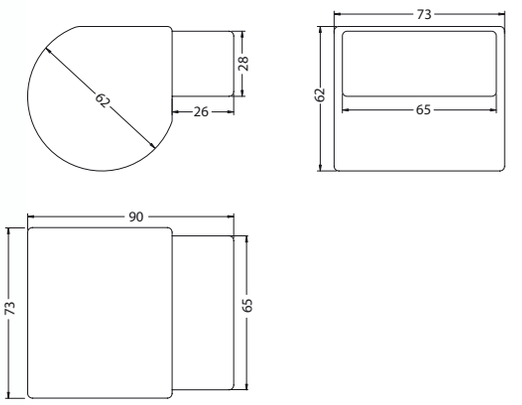
MATERIALES	MATERIALS	MATÉRIELS
Aluminio inyectado	Die cast aluminium	Aluminium moulé sous pression





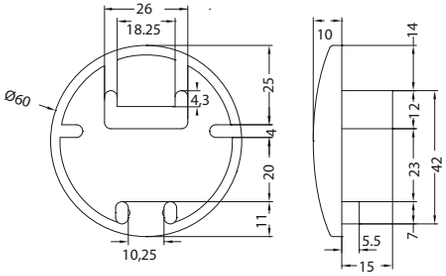
50 **Ref. 4038**





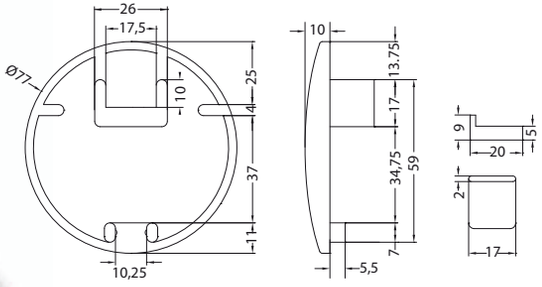
6 **Ref. 4039**





50 **Ref. 4041-ZK**





50 **Ref. 4042-ZK**

- Remates pasamanos.
- Handrail plugs.
- Balaustrades bouchons.

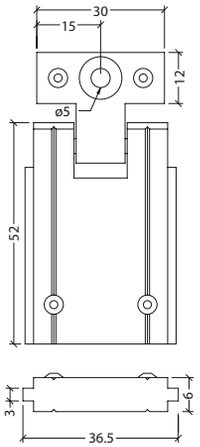
MATERIALES
Aluminio inyectado

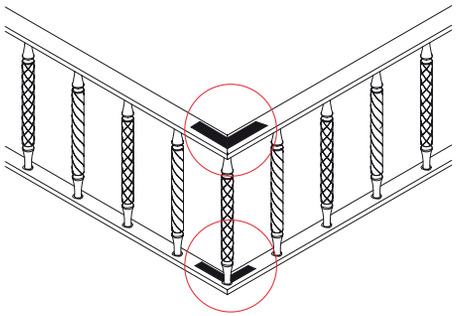
MATERIALS
Die cast aluminium

MATÉRIELS
Aluminium moulé sous pression

ESCUADRAS UNIÓN PARA BARANDILLAS
CORNER JOIN FOR BALUSTRADES
ESQUERRE DE FIXAGE POUR BALUSTRADES

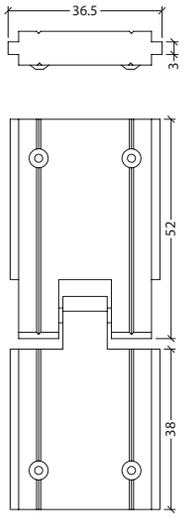






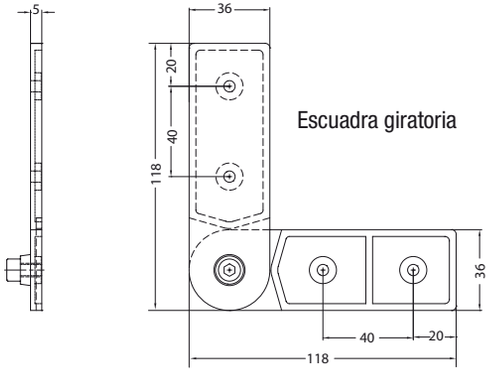
100 **Ref. 1050**





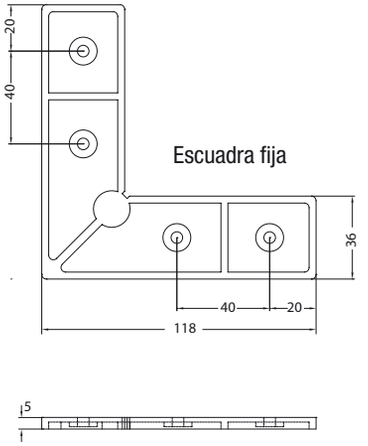
75 **Ref. 1051**





100 **Ref. 1052**





100 **Ref. 1053**

Escuadras unión de barandillas. Fijas o angulo variable.

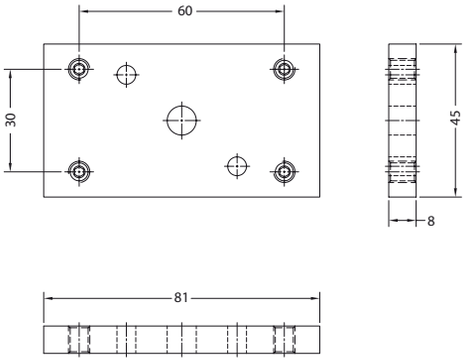
Corner join for balustrades. Available fix o adjustable.

Esquerre de fixage pour balustrades. Disponible fix ou régulable.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Zamak	Zamak	Zamak

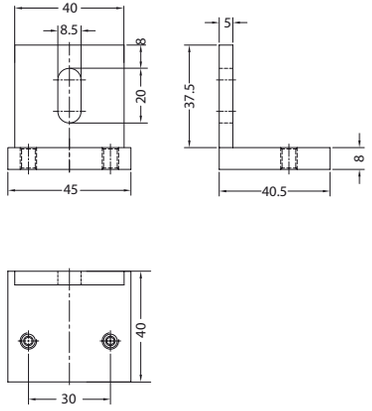
ESCUADRAS Y UNIONES PARA BARANDILLAS
CORNER AND JOINS FOR BALUSTRADES
ESQUERRE ET RACCORDS POUR BALUSTRADES





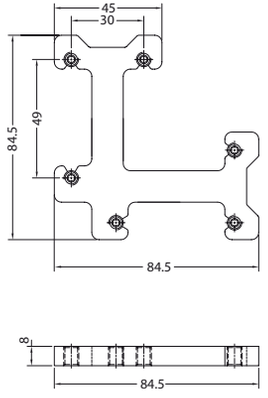
50 **Ref. 1054**





50 **Ref. 1055**





25 **Ref. 1056**

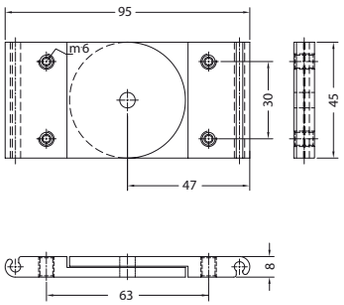
Escuadras y uniones para barandillas fijas.

Corners and joins for balustrades, fix.

Esquerre et raccords pour balustrades, fix.

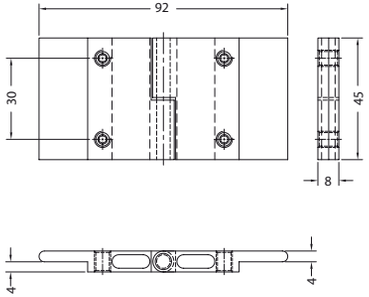
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné



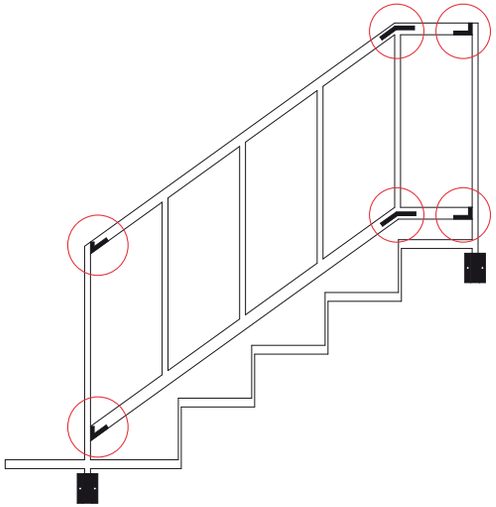


50 **Ref. 1057**





50 **Ref. 1058**

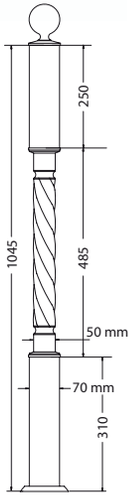


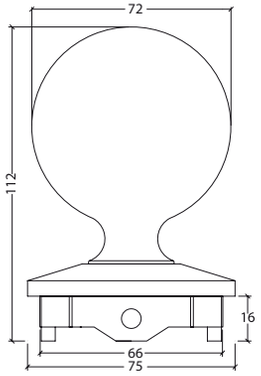
- Escuadras angulo variable para barandillas.
- Corner and joins for balustrades (adjustable).
- Esquerre et raccords pour balustrades (régulable).

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné





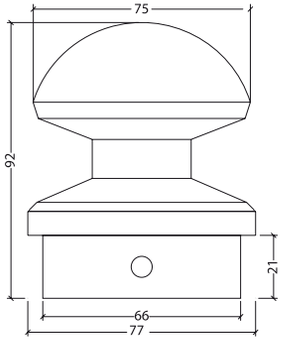




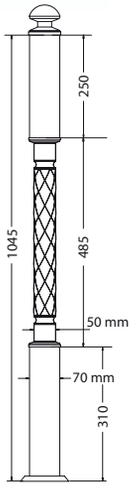
3 **Ref. 20**

4 **Ref. 4060-R** (60x60 mm)
Ref. 4061-R (70x70 mm)



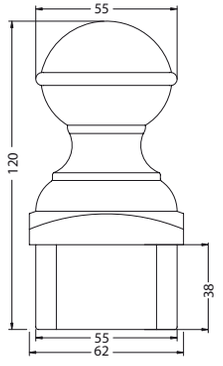


6 **Ref. 4060** (60x60 mm)
Ref. 4061 (70x70 mm)



3 **Ref. 22**





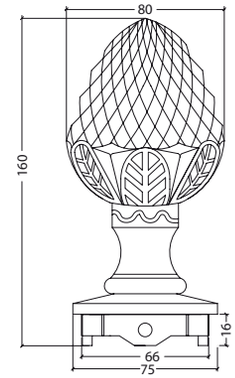
6 **Ref. 4050** (60x60 mm)
Ref. 4051 (70x70 mm)
Ref. 4052 (80x80 mm)

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

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

REMATES PARA COLUMNAS
CROWN END BALUSTERS
COURONNMENT POUR BALUSTRES

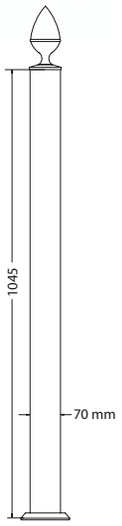




3 **Ref. 2101** (60x60 mm)
Ref. 2102 (70x70 mm)

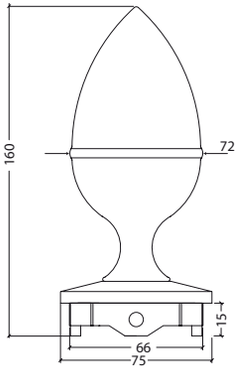
Ref. 23



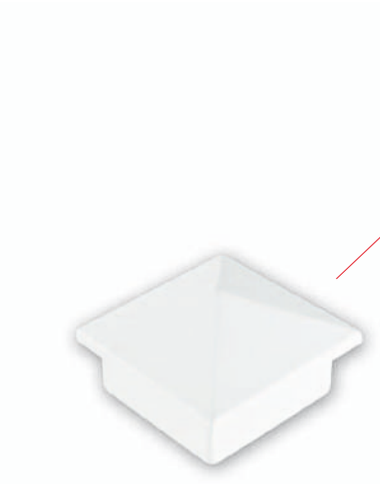


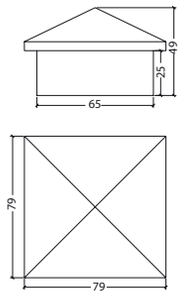
3 **Ref. 23**





3 **Ref. 2103** (60x60 mm)
Ref. 2104 (70x70 mm)





12 **Ref. 2140** (70x70 mm)

Ref. 23 P





3 **Ref. 23 P**

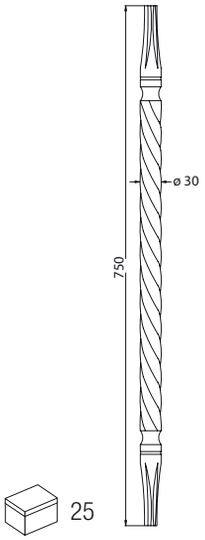
- Remates para columnas de distintas medidas y con diferentes diseños.
- Crown ends balusters with different sizes and designs.
- Couronment pour balustres. Différentes measures et dessins.

MATERIALES
Aluminio inyectado

MATERIALS
Die-cast aluminium

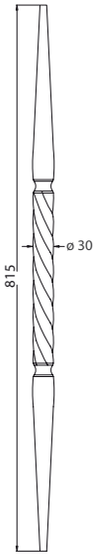
MATÉRIELS
Aluminium moulé sous pression

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



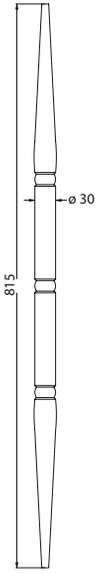
25

Ref. 9-A (450 mm)
Ref. 9-B (750 mm)



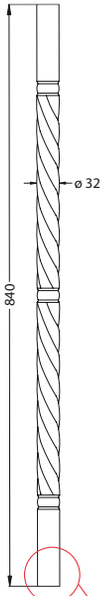
25

Ref. 10-B (815 mm)
Ref. 10-C (500 mm)



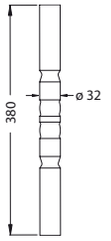
25

Ref. 11-B



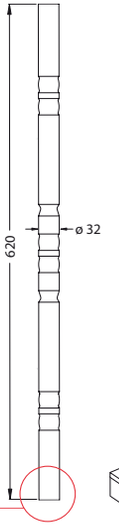
20

Ref. 51-R



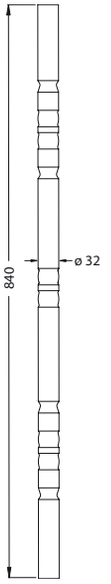
20

Ref. 30-N (380 mm)



20

Ref. 40-N (620 mm)

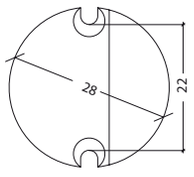


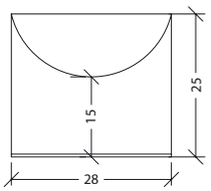
20

Ref. 50-N (840 mm)



Casquillo nylon.
Fijación interior tubo barandilla





1000

Ref. 90-N





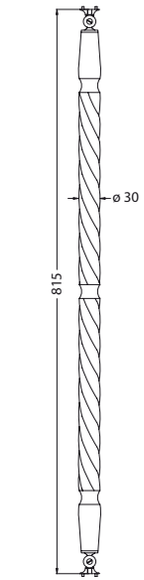
Tubos decorativos para barandillas rectas e inclinadas. Disponibles en diferentes medidas y acabados.

Decorative tubes for balusters. Available in differente measures and finishes.

Tuyaux decorative pour balustrades. Différentes measures et dessins.

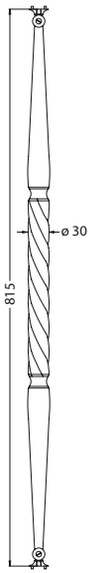
MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné

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



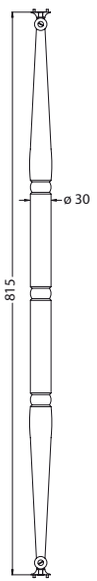
25

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



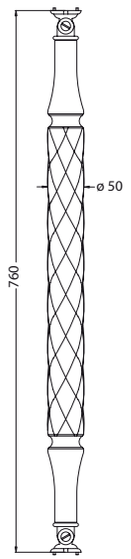
25

Ref. 10-BR



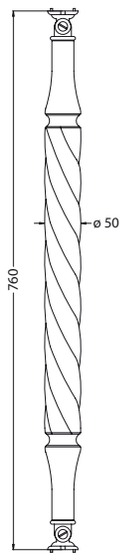
25

Ref. 11-BR



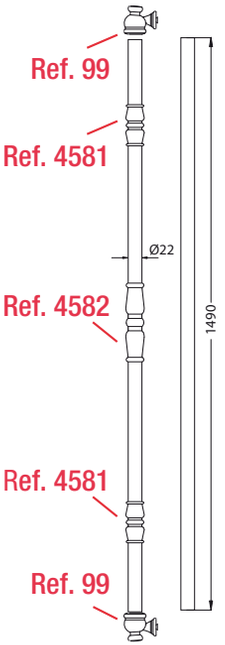
12

Ref. 14-BR

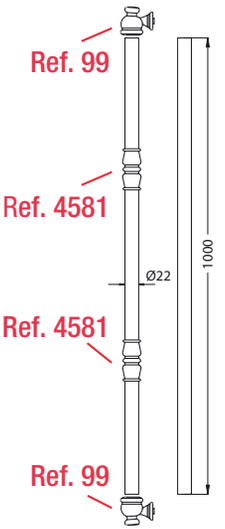


12

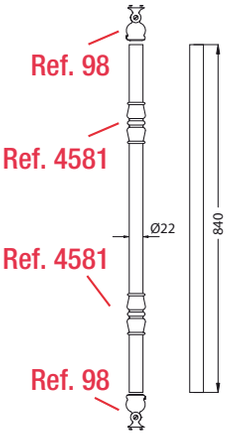
Ref. 16-BR



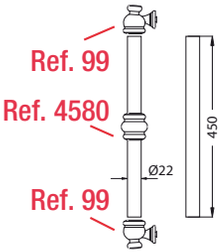
Ref. 4593
(1490 mm)



Ref. 4592
(1000 mm)



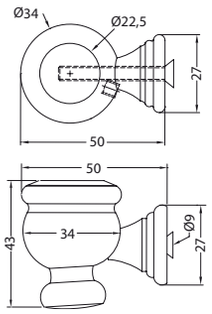
Ref. 4591
(840 mm)



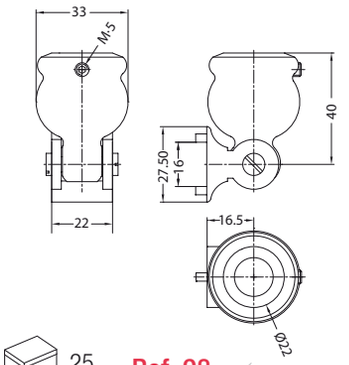
Ref. 4590
(450 mm)







50 **Ref. 99**



25 **Ref. 98**



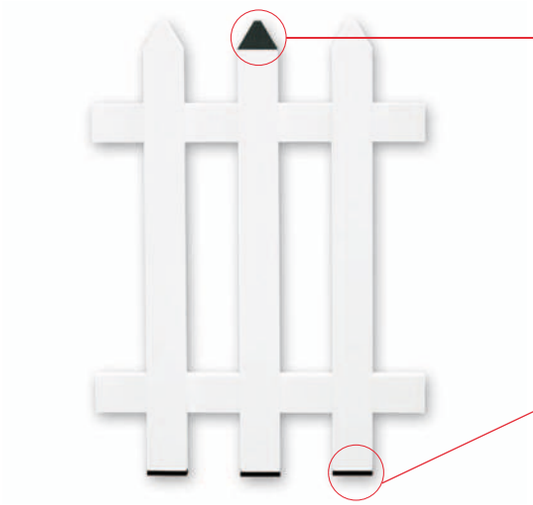
Tubos decorativos para barandillas rectas e inclinadas. Disponibles en diferentes medidas y acabados.

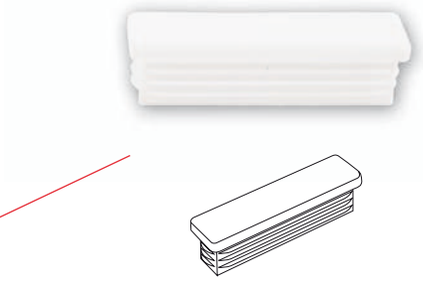
Decorative tubes for balaustrades. Available in different measures and finishes.

Montant decorative pour balaustrades. Differentes measures et dessins.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrudé

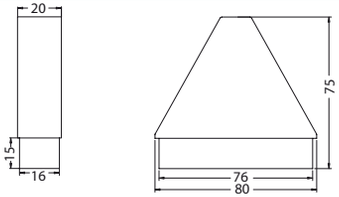
TAPAS DE NYLON PARA VALLAS
COVERS FOR FENCES
BOUCHONS LISSES ET SERIES POUR DES CLÔTURES



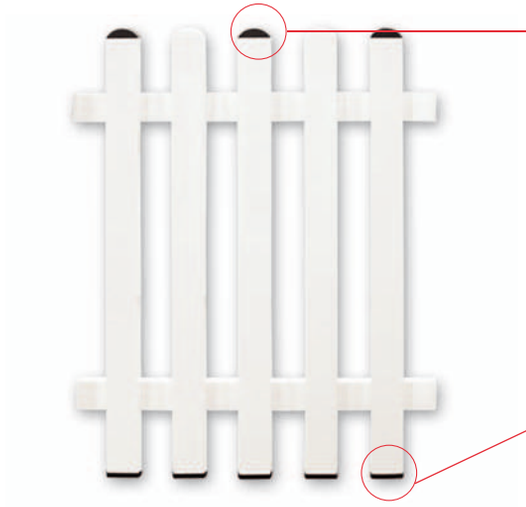


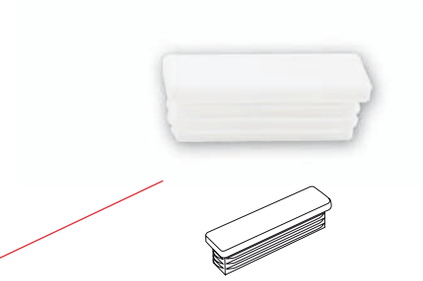
100 **Ref. 6125** (80x20 mm)





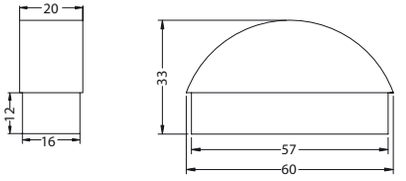
100 **Ref. 6300** (80x20 mm)





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





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

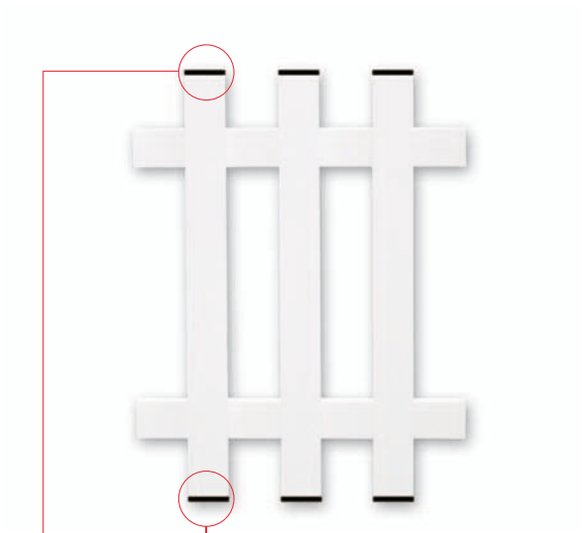
- Tapas de nylon para remates de vallas lisas o estriadas.
- Covers for fences plain or fluted.
- Bouchons pour des clôtures lisses et striés.

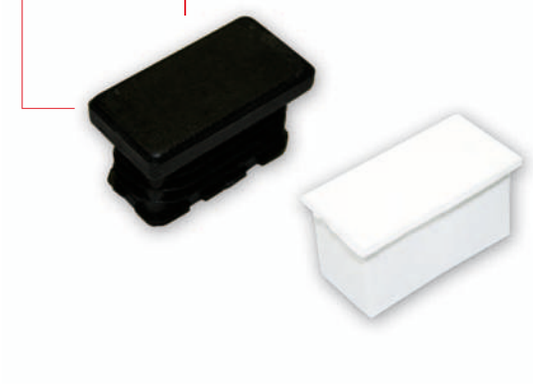
MATERIALES
Nylon

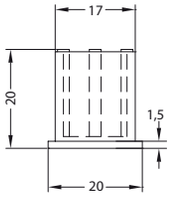
MATERIALS
Nylon

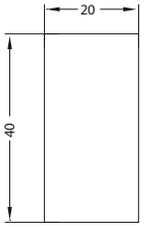
MATÉRIELS
Nylon

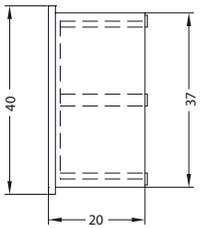
TAPAS DE NYLON PARA VALLAS
COVERS FOR FENCES
BOUCHONS POUR DES CLÔTURES





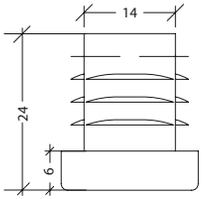


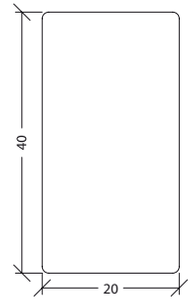


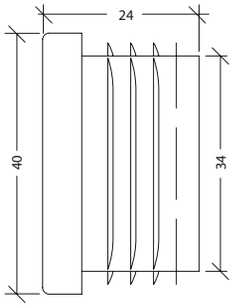


100

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







100

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.

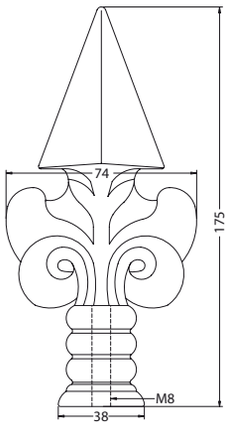
MATERIALES
Nylon

MATERIALS
Nylon

MATÉRIELS
Nylon

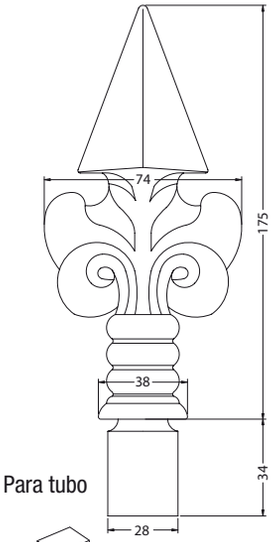
REMATES DECORATIVOS PARA VALLAS
DECORATIVE SPEAR HEAD
HARPON DECORATIVE





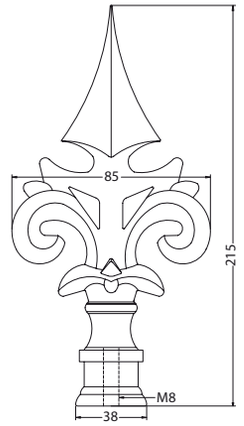
Lisa

10 **2202**



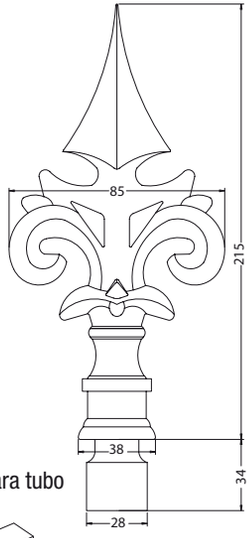
Para tubo

10 **Ref. 2203**



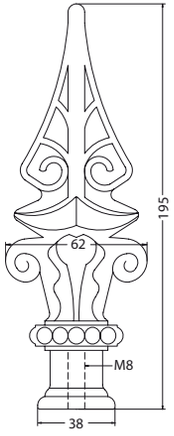
Lisa

6 **Ref. 2204**



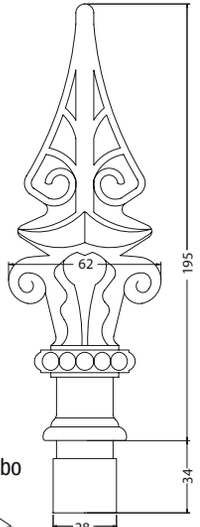
Para tubo

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 measures et dessins.

MATERIALES
Aluminio inyectado

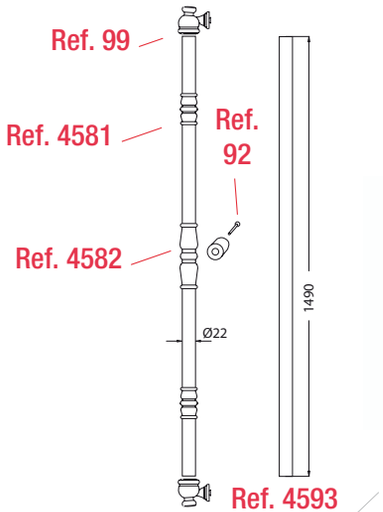
MATERIALS
Die-cast aluminium

MATÉRIELS
Aluminium moulé sous pression

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

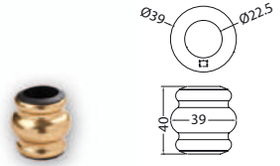


TUBOS DECORATIVOS PARA PUERTAS
DECORATIVE TUBES FOR DOORS
TUYAUX DECORATIVES POUR PORTES

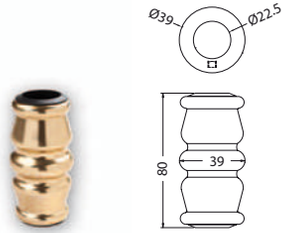


Ref. 4593

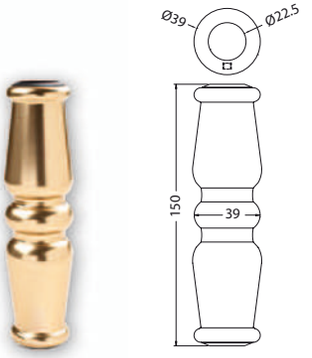
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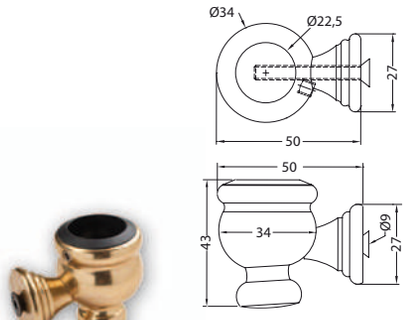
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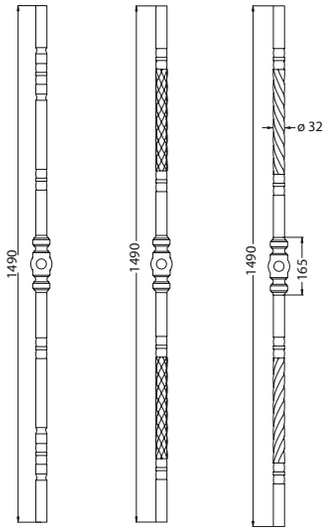
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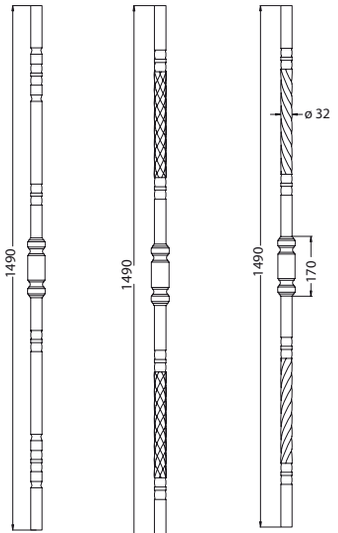
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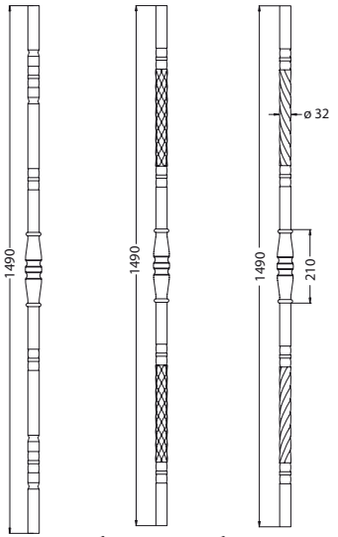
50 Ref. 99



10 Ref. 65
10 Ref. 75
10 Ref. 85

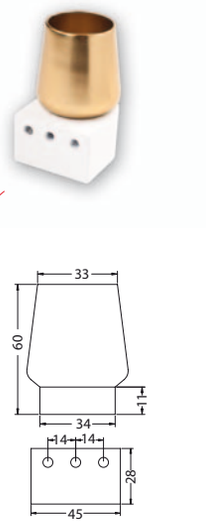


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10 Ref. 86



10 Ref. 67
10 Ref. 77
10 Ref. 87





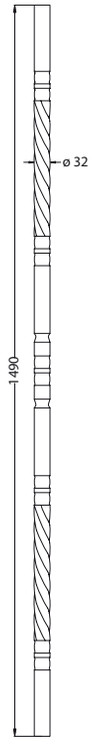
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Tubos decorativos para puertas. Disponible en diferentes medidas y acabados.

Decorative tubes for doors. Different sizes and finishes.

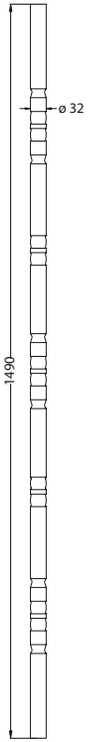
Tuyaux decoratives pour portes. Differents measures et dessins.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné



20

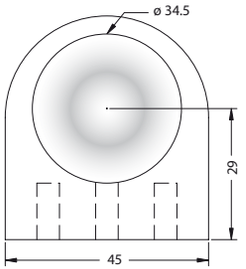
Ref. 61-R (1490 mm)
Ref. 71-R (2000 mm)

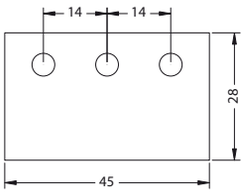


20

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



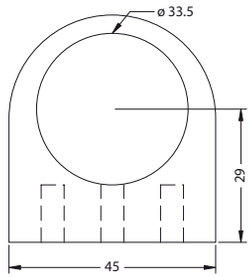


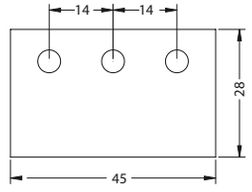


45 **Ref. 4068-C**









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. Differents measures et dessins.

MATERIALES	MATERIALS	MATÉRIELS
Aluminio extrusionado	Aluminium extruded	Aluminium extrusioné
Nylon	Nylon	Nylon

Tovic

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