



CATÁLOGO GERAL
GENERAL CATALOGUE
CATÁLOGO GENERAL
CATALOGUE GENERAL



www.alualpha.pt





ALPHA®

The logo features the word "ALPHA" in a bold, white, sans-serif font, followed by a registered trademark symbol (®). To the right of the text is a white circular emblem containing a stylized, interlocking geometric symbol that resembles a combination of the letters "K" and "C". The entire logo is centered horizontally and positioned in the middle of the frame. The background is a low-angle shot of a modern glass skyscraper with a grid of windows, reflecting a clear blue sky. A bright sun flare is visible on the left side, partially obscured by the building's edge.



As origens da **ALUALPHA** remontam aos anos 60, com o aparecimento das primeiras janelas em alumínio, actividade em que foi líder nacional e que serviu de base para o desenvolvimento no sector das ferragens. A não existência de ferragens específicas para a caixilharia em alumínio, conduziu à necessidade de iniciar o fabrico dessas ferragens, como complemento da fabricação de janelas. Há cerca de vinte anos, já com um grande Know How e uma equipe com vastos conhecimentos nesta área, autonomizou-se esta actividade que deu origem ao que é hoje a **ALUALPHA - Fabrico e Comercialização de Ferragens, S.A.**

MARCA

Desde sempre a **ALUALPHA** trabalhou os seus produtos com a marca **ALPHA**, bem conhecida no mercado dada a sua longevidade, qualidade e inovação que representa.

QUALIDADE

Com uma preocupação cada vez maior na qualidade dos seus produtos e percebendo da importância do factor qualidade para o sucesso assim como do desenvolvimento de um mercado cada vez mais exigente, conduziu-nos à Implementação de um SISTEMA DA QUALIDADE, possuindo assim um certificado NP EN ISO 9001.

AMBIENTE

O Ambiente é sem dúvida uma preocupação premente a nível Mundial. A **ALUALPHA** possui para tratamento dos seus lixos industriais a mais moderna tecnologia contribuindo assim para um ambiente limpo.

A ALUALPHA HOJE

Hoje a **ALUALPHA** é uma sociedade anónima, com um capital de 2 milhões de euros, que emprega mais de 100

peças e com uma facturação superior a 8 milhões de euros. Situada no concelho de Sintra a 30 Km de Lisboa possui modernas instalações com cerca de 30.000 m² dos quais 7.000 são cobertos (brevemente 12.000).

MERCADOS

Desde a sua origem a **ALUALPHA** tem tido uma evolução contínua, passando pelo mercado local, nacional, ibérico e hoje exporta para cerca de 15 países de vários continentes, numa evolução que se prevê cada vez mais ampliada.

PRODUTOS

Fabricamos todo o tipo de ferragens para a caixilharia em alumínio, mantendo um estreito relacionamento com os projectistas de modo a dar sempre as melhores soluções.

DESIGN

Além da qualidade e funcionalidade dos nossos artigos, o design é uma preocupação actual.



ALUALPHA has its origin in the sixties, with the appearance on the scene of the first aluminium windows. Alualpha was the domestic market leader in this field and so was well-placed to develop the new types of fittings needed. As there was no fittings available specifically for the aluminium frames, it had to be specially manufactured together with the windows. About twenty years ago, all this know-how and vast expertise led to the setting up of what is today **ALUALPHA - Fabrico e Comercialização de Ferragens, S.A.**

THE BRAND NAME

ALUALPHA products have always carried the brand name **ALPHA**, which has become well-known over time throughout the market, thanks to the quality and innovation of the products.

QUALITY

As the market became ever more demanding, so we focused more and more on quality as an essential factor in success. We implemented a quality control system NP EN ISO 9001 Certificate.

ENVIRONMENT

The environment is of course a pressing concern worldwide. **ALUALPHA** uses the most up-to-date technology in the treatment of its industrial waste, in order to make its own contribution to a clean environment.

ALUALPHA TODAY

Today, **ALUALPHA** is a limited company with capital of two million euros. It employs more than a hundred people, and has a turnover of more than 8 million euros. Its modern premises are located in the municipality of Sintra, thirty kilometres from Lisbon, on a 30.000 square metre site, of which 7000 square metres (soon to be 12.000) are covered.

MARKETS

Since its conception, **ALUALPHA's** business has evolved continuously, from the local market, to the domestic, to the Iberian, and now world-wide, exporting today to about fifteen countries on several continents, an ever-increasing expansion which we expect to continue into the future.

PRODUCTS

We manufacture all kinds of hardware for aluminium frames, and our close relationship with our planners means we always come up with the best solutions.

DESIGN

We are constantly concerned with good design, as well as with product quality and functionality.



Los orígenes de **ALUALPHA** remontan a los años 60, con la aparición de las primeras ventanas en aluminio, actividad en la que fue líder nacional y que sirvió de base para el desenvolvimiento en el sector de los herrajes. La inexistencia de herrajes específicos para los marcos de puertas y ventanas en aluminio condujo a la necesidad de iniciar la fabricación de esos herrajes, como complemento de la fabricación de ventanas. Hace cerca de veinte años, ya con un gran know how y un equipo con vastos conocimientos en esta área, esta actividad se volvió autónoma y dio origen a lo que hoy es **ALUALPHA - Fabrico e Comercialização de Ferragens, S.A.**

MARCA

Desde siempre **ALUALPHA** trabajó sus productos con la marca **ALPHA**, ampliamente conocida en el mercado, dada su longevidad, calidad e innovación que representa.

DESIGN

Además de la calidad y funcionalidad de nuestros artículos, el diseño es una preocupación presente.



ALUALPHA a son origine dans les années soixante, avec l'apparition sur la scène de la première fenêtre en aluminium. Alualpha était le leader du marché intérieur dans ce domaine et qu'il était donc bien placé pour développer les nouveaux types de raccords nécessaires. Comme il n'y avait pas de raccords disponibles spécifiquement pour les cadres en aluminium, il a dû être fabriqué spécialement avec les fenêtres. A propos il ya vingt ans, tout ce savoir-faire et la vaste expertise a conduit à la création de ce qui est aujourd'hui **ALUALPHA - Fabrico e Comercialização de Ferragens, S.A.**

MARQUE

Depuis toujours **ALUALPHA** à divulguée ces produits

QUALITÉ

Se préoccupant de plus en plus avec la qualité de ses produits et comprenant l'importance de ce facteur pour atteindre le succès ainsi que le développement d'un marché de plus en plus exigeant, cela a conduit à l'implémentation du système de la qualité, bien connu mondialement, certificat NP EN ISO 9001.

AMBIENCE

L'ambiance est sans doute une préoccupation primordiale au niveau mondial. **ALUALPHA** possède pour le traitement de ces déchets industriels, la plus moderne technologie contribuant ainsi pour une ambiance plus propre.

ALUALPHA AUJOURD'HUI

Aujourd'hui **ALUALPHA** est une société anonyme avec un capital de 2 millions d'Euros, qui emploie plus de 100 personnes avec un chiffre d'affaires supérieur à 8 millions d'Euros. Située dans la région de Sintra à 30 kms de Lisbonne, possède environ 30.000m² de superficie bien ajustée, de la quelle 7000 m² sont couverts (Bientôt 12.000).

MARCHÉS

Depuis son origine **ALUALPHA** vient à se développer continuellement, passant par le marché local, national, ibérique et aujourd'hui exporte vers environ 15 pays de plusieurs continents, avec une évolution qui se prévoit de plus en plus ample.

PRODUITS

La fabrication de tous types d'huissières pour menuiserie métallique d'aluminium oblige la maintenance d'une stricte relation avec les projectistes afin de trouver toujours les meilleures solutions.

DESIGN

Outre la qualité et la fonctionnalité de ses produits, le design est une préoccupation actuelle.

CALIDAD

Con una preocupación cada vez mayor en la calidad de sus productos, y comprendiendo la importancia del factor calidad para el éxito así como para el desarrollo de un mercado cada vez más exigente, nos llevó a la instalación de un sistema de calidad, poseyendo un certificado NP EN ISO 9001.

MEDIO AMBIENTE

El medio ambiente es sin duda una preocupación apremiante a nivel mundial.

ALUALPHA posee la más moderna tecnología para el tratamiento de sus residuos industriales, contribuyendo así para un medio ambiente limpio.

ALUALPHA HOY

Actualmente es una sociedad anónima, con un capital de 2 millones de euros, que emplea más de 100 personas, y con una facturación superior a 8 millones de euros. Situada en el municipio de Sintra, a 30 km de Lisboa, tiene instalaciones modernas con cerca de 30.000 m², de los cuales 7.000 están cubiertos (en breve serán 12.000).

MERCADOS

Desde su origen, **ALUALPHA** ha tenido una evolución continua, pasando por el mercado local, nacional, ibérico, y hoy exporta a cerca de 15 países en varios continentes, siguiendo una evolución que se preve cada vez más ampliada.

PRODUCTOS

Fabricamos todo tipo de herrajes para marcos de puertas y ventanas en aluminio, manteniendo una estrecha colaboración con los proyectistas de modo a encontrar siempre las mejores soluciones.

à travers de la marque **ALPHA**, bien connue dans le marché dû à sa longivité, qualité et innovation quelle représente.



 **ALUALPHA**

Sintra

Lisboa



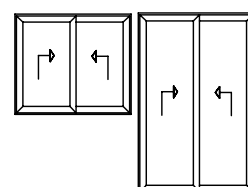
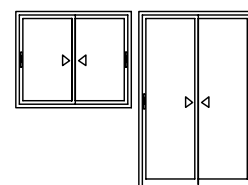
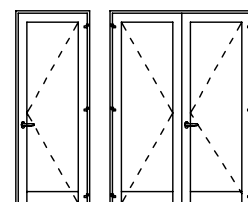
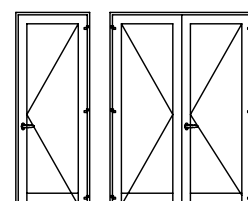
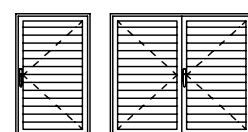
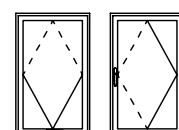
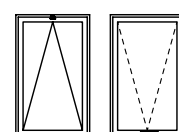
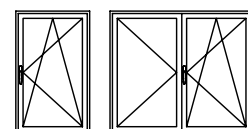
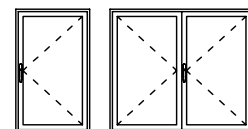
AN

Technical drawing of a 1000 mm long profile. The drawing shows a cross-section with the following dimensions:

- Overall width: 20
- Inner width: 15
- Top flange thickness: 3
- Top flange height: 4.5
- Bottom flange thickness: 3
- Bottom flange height: 5
- Web thickness: 4
- Web height: 11.5
- Overall height: 21
- Min. 16 (minimum height of the top flange)
- 3.5 (thickness of the top flange)
- 14 (inner width of the bottom flange)
- 18 (overall width of the bottom flange)

Surface finish requirements are indicated by symbols: $Ra \leq 0.5$ for the top flange and $Ra \leq 1.6$ for the bottom flange.

Technical drawing of a mechanical part with dimensions. The drawing shows a cross-section of a part with a total width of 20 and a total height of 21. Key dimensions include: a top flange with a width of 2 and a height of 3; a central body with a width of 15 and a height of 12; a bottom flange with a width of 8 and a height of 3.5; and a small protrusion on the right side with a width of 3 and a height of 4.5. The drawing is labeled with '2' and '3' in the top right corner.

[illegible]**CE10**

	OSCILOBATENTE GLOBAL GLOBAL TILT AND TURN OSCILOBATIENTE GLOBAL OSCILLO-BATTANT GLOBAL	07
	LINHA GLOBAL GLOBAL LINE LINEA GLOBAL LIGNE GLOBAL	21
	LINHA MILLENIUM MILLENIUM LINE LINEA MILLENIUM LIGNE MILLENIUM	47
	LINHA REFLEX PLUS REFLEX PLUS LINE LINEA REFLEX PLUS LIGNE REFLEX PLUS	67
	LINHA REFLEX REFLEX LINE LINEA REFLEX LIGNE REFLEX	73
	LINHA CURVA CURVA LINE LINEA CURVA LIGNE CURVA	83
	DOBRADIÇAS HINGES BISAGRAS PAUMELLES	89
	COMPLEMENTOS E KITS KITS / COMPLEMENTS KITS / COMPLEMENTOS KITS / COMPLÉMENTS	101
	FECHOS E COMPASSOS LOCKS CIERRES FERRURES	127
	PIVOT PIVOT HINGES ROTULA PIVOTANT PIVOT	133
	MULTIPONTOS MULTIPOINTS MULTIPUNTOS MULTIPOINTS	135
	FECHOS DE EMBUTIR LINHA STAR SLIDING LOCKS STAR LINE CIERRES DE EMBUTIR LINEA STAR FERMETURES COULISSANTS LIGNE STAR	143
	FECHOS DE EMBUTIR LINHA ECO SLIDING LOCKS ECO LINE CIERRES DE EMBUTIR LINEA STAR FERMETURES COULISSANTS LIGNE ECO	163
	FECHOS DE EMBUTIR LINHA ALU SLIDING LOCKS ALU LINE CIERRES DE EMBUTIR LINEA ALU FERMETURES COULISSANTS LIGNE ALU	173
	FECHOS DE CORRER SLIDING LOCKS CIERRES P/ CORREDERAS FERMETURES COULISSANTS	179
	GACHES COUNTER PLATES CONTRA CIERRES GACHES	185
	ELEVÁVEL LIFT AND SLIDE BASIC KIT KIT BASE ELEVABLE KIT DE BASE ÉLÉVATOIRE	191
	PUXADORES PULL HANDLES TIRADORES POIGNÉES	197
	CAIXAS DE CORREIO MAILBOX BUZON BOÎTE AUX LETTRES	203
	DIVERSOS VARIOUS DIVERSOS DIVERS	205





OSCILOBATENTE
GLOBAL

GLOBAL TILT AND TURN
OSCILOBATIENTE GLOBAL
OSCILO-BATTANT GLOBAL



ALPHA®



ensatec

Documento N° 233568

ENSAYO DE DURABILIDAD

Empresa **ALUALPHA**
ESTRADA DO CONCELHO-TERRUGEM
JOAO DAS LAMPAS, PORTUGAL.

Norma de Ensayo:
UNE-EN 13126-8:2007.
Requisitos y métodos de ensayo de
ventanas y puertas interiores. Parte 8:
Herrajes oscilobatientes, batiente
oscilantes y de apertura batiente.

Definición muestra **Ventana abatible de giro vertical y horizontal
inferior practicable al interior de una hoja derecha.**

Sección y/o fotografía:

Modelo

Productos **Kit oscilobatiente base OBG6**
Compás brazo grande 18218
Compás suplemento 18229
Conjunto cierre suplemento 18220

Dimensiones
(AnxAl) **1380 mm x 1230 mm**

Material **Aluminio.**

Peso hoja (Kg) **130,0**

Fecha de Ensayo **14.02.2013**



DURABILIDAD

GRADO 5
25000 Ciclos



Navarrete a 19 de Marzo de 2013

Luis García Viguera
Responsable Técnico

El presente documento extrae y refleja los resultados asociados al informe de ensayo n° 233568

Póligono Ferrizcárns, Avda. Interfranca, nº 4-B + 26170 Navarrete (Ja B) + t. 941 251865 - f. 941 251388 + www.ensatec.com



Peso Máx da folha móvel: # Leaf Max weight:

Peso Max de la hoja: # Poids Max du vantail:

130 Kgs

2700	48	48	48	44	38	34	32	27	24	21	19	17	16	14	13	12	12	11
2600	48	48	48	45	40	35	33	28	25	22	20	18	16	15	14	13	12	11
2500	48	48	48	47	41	36	34	29	26	23	20	18	17	16	14	13	13	12
2400	48	48	48	48	43	38	36	30	27	24	21	19	18	16	15	14	13	12
2300	48	48	48	48	45	40	37	32	28	25	22	20	18	17	16	15	14	13
2200	48	48	48	48	47	41	39	33	29	26	23	21	19	18	16	15	14	13
2100	48	48	48	48	48	43	41	35	30	27	24	22	20	19	17	16	15	14
2000	48	48	48	48	48	46	42	37	32	28	26	23	21	19	18	17	16	15
1900	48	48	48	48	48	48	45	39	34	30	27	24	22	20	19	18	17	16
1800	48	48	48	48	48	48	48	41	36	32	28	26	24	21	20	19	17	16
1700	48	48	48	48	48	48	48	43	38	33	30	27	25	22	21	20	18	17
1600	48	48	48	48	48	48	48	46	40	36	32	29	27	24	22	20	18	17
1500	48	48	48	48	48	48	48	48	43	38	34	31	28	24	23	20	18	17
1400	48	48	48	48	48	48	48	48	46	41	37	33	29	28	23	22	18	15
1300	48	48	48	48	48	48	48	48	48	44	40	34	33	28	24	21	18	15
1200	48	48	48	48	48	48	48	48	48	48	43	38	34	28	24	21	18	15
1100	48	48	48	48	48	48	48	48	48	48	44	38	34	28	24	21	16	12
1000	48	48	48	48	48	48	48	48	48	48	44	38	34	28	24	18	14	9
900	48	48	48	48	48	48	48	48	48	48	44	38	28	25	21	15	11	6
800	48	48	48	48	48	48	48	48	48	48	41	34	26	20	15	11	5	X
700	48	48	48	48	48	48	48	48	48	48	43	41	32	24	18	8	X	X
600	48	48	48	48	48	48	48	48	48	48	43	41	28	17	X	X	X	X
500	48	48	48	48	48	48	48	48	48	48	38	34	X	X	X	X	X	X
400	48	48	48	48	48	48	48	48	48	48	X	X	X	X	X	X	X	X
340																		
370																		
400																		
435																		
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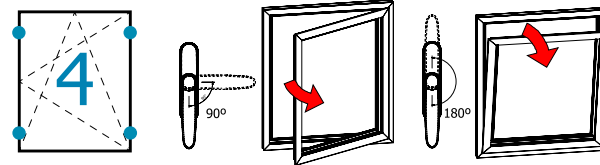
Largura # Width # Ancho # Largeur

Os valores apresentados entre 5 e 48 representam a espessura máxima de vidro / The values presented between 5 and 48 represent the maximum thickness of glass
Los valores presentados entre 5 y 48 representan el espesor máximo de cristal / Les valeurs présentées entre 5 et 48 représentent l'épaisseur maximale du verre
X - Não realizável / Not possible / No puede realizarse / Irréalizable



OBG6/OBG6K/OBG6P

Oscilobatente Global **standard**
Global tilt and turn **standard**
Oscilobatiente Global **standard**
Oscilo-battant Global **standard**

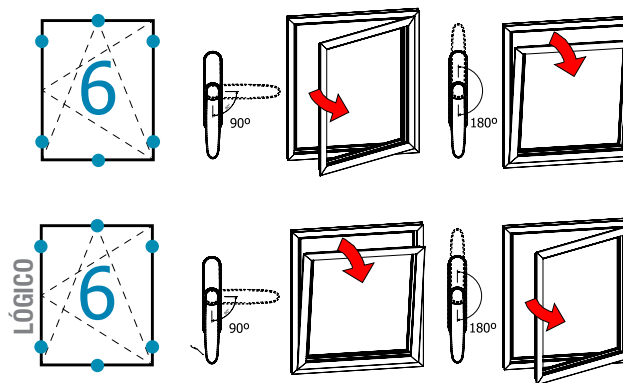


PLUS



OBG6+ / OBG6K+ / OBG6P+

Oscilobatente Global **plus**
Global **plus** tilt and turn
Oscilobatiente Global **plus**
Oscilo-battant Global **plus**

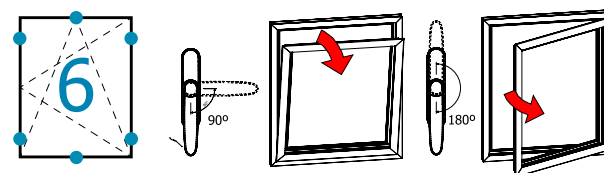


LÓGICO



OBG+S

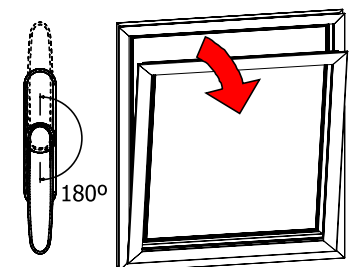
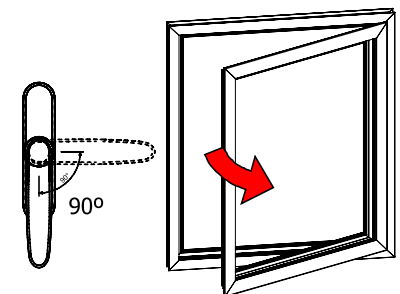
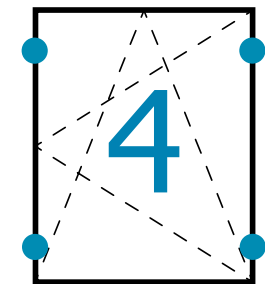
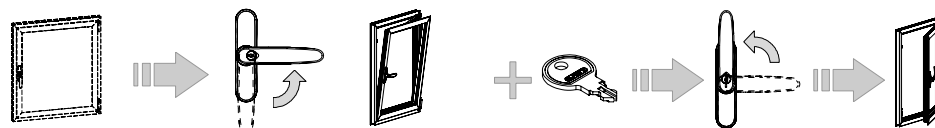
Oscilobatente Global **Segurança Manobra lógica**
Global turn and tilt **Security Logic maneuver**
Oscilobatiente **Seguridad Maniobra lógica**
Oscilo-battant **Securité Manoeuvre logique**



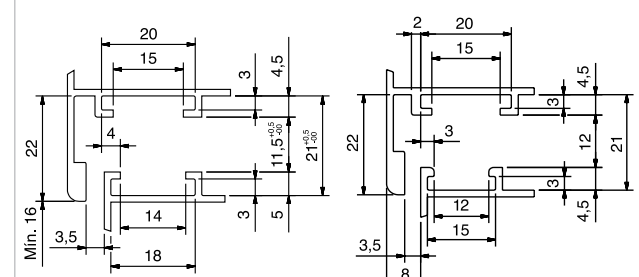
Trancado só bascula
Only tilts when locked
Bloqueado solo oscila
Mode verrouillé ouverture
uniquement en soufflet



Abertura só destrancado
Opens only unlocked
Apertura solo desbloqueado
Mode libre ouverture en
soufflet ou à la française

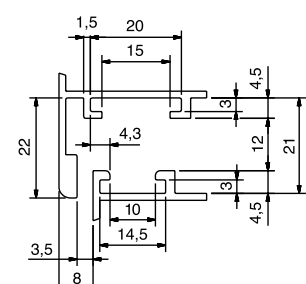


CAMARA EUROPEIA / EUROGROOVE PROFILE
CÁMARA EUROPEA / CHAMBRE EUROPÉENNE



CE14
OBG6

CE12
OBG6



CE10
OBG6C10

ALPHA

Cód. 18228

Compasso - braço **micro** / Compass - **micro** arm
Compás - brazo **micro** / Compas - bras **micro**

L mín 340mm L máx 430mm

Caixa 10 unidades. Gr/emb. 2210



Cód. 18224

Compasso - braço **mini** / Compass - **mini** arm
Compás - brazo **mini** / Compas - bras **mini**

L mín 370mm L máx 550mm

Caixa 10 unidades. Gr/emb. 2140



Cód. 18217

Compasso - braço **pequeno** / Compass - **small** arm
Compás - brazo **pequeño** / Compas - bras **corto**

L mín 435mm L máx 700mm

Caixa 10 unidades. Gr/emb. 2405



Cód. 18218

Compasso - braço **grande** / Compass - **big** arm
Compás - brazo **grande** / Compas - bras **long**

L mín 563mm L máx 1000mm
1000 <L<1200mm - max. 80 kg.

Caixa 10 unidades. Gr/emb. 3280



Cód. 18229 + 18218

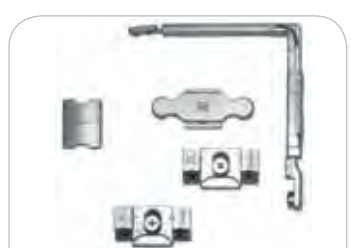
Compasso **grande + suplementar** / Big + Additional compas
Compás **grande + suplementario** / Bras long + supplémentaire

1000 <L<1700mm

Caixa 10 unidades. Gr/emb. 4185



EMBALAGEM Caixa com 10 unidades.	PACKAGING Box with 10 units.
MATERIAIS Zamak e inox	MATERIALS Zamak and stainless steel
FIXAÇÃO Fixação rápida em inox	FIXING Fast fixation in stainless steel
ACABAMENTO Zincado	FINISHING Zinc
EMPAQUETADO Caja con 10 unidades.	EMBALLAGE Boîte avec 10 unités.
MATERIALES Zamak y acero inox	MATÉRIELES Zamak et acier inox
FIJACIÓN Fijación rápida en acero inox	FIXATION Fixation rapide en acier inox
ACABADOS Zinc	FINITIONS Zinc



Cód. 18220 18286

CE14 / CE12 CE10

Kit suplementar H/V
H/V additional locking set
Juego de cierre suplementario H/V
Jeu de fermetures supplémentaire H/V

EMBALAGEM Caixa com 20 unid. 2700 grs.	PACKAGING Box with 20 units. 2700 grs.
MATERIAIS Zamak y inox	MATERIALS Zamak and stainless steel
EMPAQUETADO Caja con 20 unids. 2700 grs.	EMBALLAGE Boîte avec 20 unités. 2700 grs.
MATERIALES Zamak e inox	MATÉRIELES Zamak et acier inox



Cód. 18222 18255

CE14 / CE12 CE10

Ponto de fecho suplementar
Additional locking set
Punto de cierre suplementario
Point de fermetures supplémentaire

EMBALAGEM Caixa com 50 unidades. 2500 grs.	PACKAGING Box with 50 units. 2500 grs.
MATERIAIS Zamak e inox	MATERIALS Zamak and stainless steel
EMPAQUETADO Caja con 50 unids. 2500 grs.	EMBALLAGE Boîte avec 50 unités. 2500 grs.
MATERIALES Zamak e inox	MATÉRIELES Zamak et acier inox

OBG6



Disponível também com chave
Available also with key
Disponible con llave
Disponible avec clef
Ref. OBG6K

Disponível também s/ punho
Available also with handle
Disponible sin maneta
Disponible sans poignée
Ref. OBG6P

Mod. Dep.

RAL

EMBALAGEM Caixa com 1 unidade. 1115 grs.	PACKAGING Box with 1 unit. 1115 grs.
MATERIAIS Alumínio, zamak, nylon e inox	MATERIALS Aluminum, zamak, nylon and stainless steel
FIXAÇÃO Fixação rápida em inox	FIXING Fast fixation in stainless steel
ACABAMENTO Lacado	FINISHING Powder painting
NORMAS EN 1670, 13126-8	STANDARD EN 1670, 13126-8
OBSERVAÇÕES OB Reversível	COMMENTS T&T reversible
EMPAQUETADO Caja con 1 unidade. 1115 grs.	EMBALLAGE Boîte avec 1 unité. 1115 grs.
MATERIALES Aluminio, zamak, nylon y acero inox	MATÉRIELES Aluminium, zamak, nylon et acero inox
FIJACIÓN Fijación rápida en acero inox	FIXATION Fixation rapide en acier inox
ACABADOS Lacado	FINITIONS Laqué
NORMAS EN 1670, 13126-8	NORMATIF EN 1670, 13126-8
OBSERVACIONES OB reversible	OBSERVATIONS OB réversible



Dobradiças 2ª folha / Passive leaf hinges
Bisagras de 2ª hoja pasiva / Paumelles p/ feuille passive



Cód. OBG2
CE14 / CE12 / CE10

EMBALAGEM

Caixa com 5 unidades. 2350grs.

MATERIAIS

Alumínio zamak e inox

EMPAQUETADO

Caja con 5 unids. 2350grs.

MATERIALES

Aluminio, zamak y acero inox

PACKAGING

Box with 5 units. 2350grs.

MATERIALS

Aluminium, zamak and stainless steel

EMBALLAGE

Boîte avec 5 unités. 2350grs.

MATÉRIELES

Aluminium, zamak et acier inox

Fechos de 2ª folha Zamak / Passive leaf locks Zamak
Pasadores de 2ª hoja pasiva Zamak / Verroux feuille passive



Cód. 18219
CE14

EMBALAGEM

Caixa com 5 unidades.
2100grs.

MATERIAIS

Zamak e inox

EMPAQUETADO

Caja con 5 unids.
2100 grs.

MATERIALES

Zamak e inox

PACKAGING

Box with 5 units.
2100grs.

MATERIALS

Zamak and stainless steel

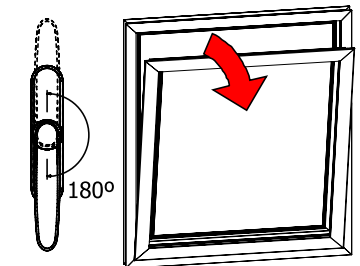
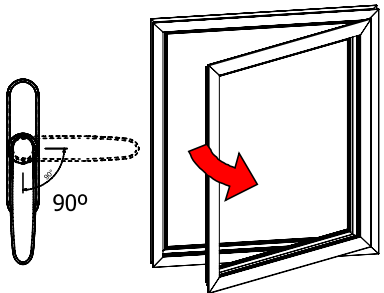
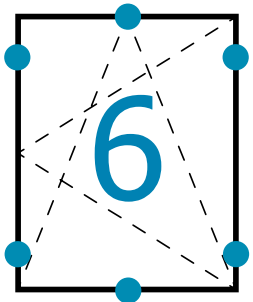
EMBALLAGE

Boîte avec 5 unités.
2100 grs.

MATÉRIELES

Zamak et acier inox

ALPHA



Cód. 18230
CE14 / CE12

EMBALAGEM

Caixa com 50 unidades. 1265grs.

MATERIAIS

Zamak e inox

PACKAGING

Box with 50 units. 1265grs.

MATERIALS

Zamak and stainless steel

EMPAQUETADO

Caja con 50 unidades. 1265grs.

MATERIALES

Zamak e inox

EMBALLAGE

Boîte avec 50 unités. 1265grs.

MATÉRIELLES

Zamak et acier inox



Fechos de 2ª folha alumínio / Passive leaf locks Aluminium
Pasadores de hoja pasiva Aluminio / Verroux feuille passive



Cód. 9310
CE14 / CE12 / CE10

EMBALAGEM

Caixa com 1 unidade.
100grs.

MATERIAIS

Alumínio, zamak e inox

EMPAQUETADO

Caja con 1 unidade. 100 grs.

MATERIALES

Aluminio, zamak e inox

PACKAGING

Box with 1 unit.
100grs.

MATERIALS

Aluminium, zamak and stainless steel

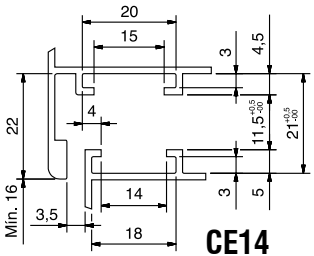
EMBALLAGE

Boîte avec 1 unité. 100 grs.

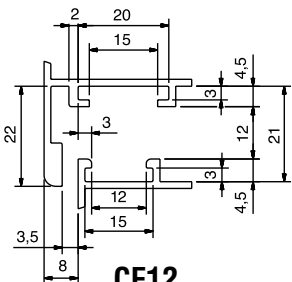
MATÉRIELES

Aluminium, zamak et acier inox

CAMARA EUROPEIA / EUROGROOVE PROFILE
CÂMARA EUROPEA / CHAMBRE EUROPÉENNE



CE14



CE12

ALPHA

Cód. 18228

Compasso - braço **micro** / Compass - **micro** arm

Compás - brazo **micro** / Compas - bras **micro**

L mín 340mm L máx 430mm

Caixa 10 unidades. Gr/emb. 2210



Cód. 18224

Compasso - braço **mini** / Compass - **mini** arm

Compás - brazo **mini** / Compas - bras **mini**

L mín 370mm L máx 550mm

Caixa 10 unidades. Gr/emb. 2140



Cód. 18217

Compasso - braço **pequeno** / Compass - **small** arm

Compás - brazo **pequeño** / Compas - bras **corto**

L mín 435mm L máx 700mm

Caixa 10 unidades. Gr/emb. 2405



Cód. 18218

Compasso - braço **grande** / Compass - **big** arm

Compás - brazo **grande** / Compas - bras **long**

L mín 563mm L máx 1000mm

1000 <L<1200mm - max. 80 kg.

Caixa 10 unidades. Gr/emb. 3280



Cód. 18229 + 18218

Compasso **grande + suplementar** / **Big + Additional** compas

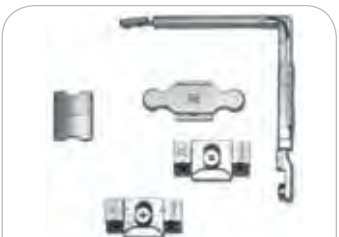
Compás **grande + suplementario** / Bras **long + supplémentaire**

1000 <L<1700mm

Caixa 10 unidades. Gr/emb. 4185



EMBALAGEM	PACKAGING
Caixa com 10 unidades.	Box with 10 units.
MATERIAIS	MATERIALS
Zamak e inox	Zamak and stainless steel
FIXAÇÃO	FIXING
Fixação rápida em inox	Fast fixation in stainless steel
ACABAMENTO	FINISHING
Zincado	Zinc
EMPAQUETADO	EMBALLAGE
Caja con 10 unidades.	Boîte avec 10 unités.
MATERIALES	MATÉRIELS
Zamak y acero inox	Zamak et acier inox
FIJACIÓN	FIXATION
Fijación rápida en acero inox	Fixation rapide en acier inox
ACABADOS	FINITIONS
Zinc	Zinc



Cód. 18220

CE14 / CE12

Kit suplementar H/V

H/V additional locking set

Juego de cierre suplementario H/V

Jeu de fermetures supplémentaire H/V

EMBALAGEM	PACKAGING
Caixa com 20 unid. 2700 grs.	Box with 20 units. 2700 grs.
MATERIAIS	MATERIALS
Zamak y inox	Zamak and stainless steel
EMPAQUETADO	EMBALLAGE
Caja con 20 unids. 2700 grs.	Boîte avec 20 unités. 2700 grs.
MATERIALES	MATÉRIELS
Zamak e inox	Zamak et acier inox



Cód. 18222

CE14 / CE12

Ponto de fecho suplementar

Additional locking set

Punto de cierre suplementario

Point de fermetures supplémentaire

EMBALAGEM	PACKAGING
Caixa com 50 unid. 2500 grs.	Box with 50 units. 2500 grs.
MATERIAIS	MATERIALS
Zamak e inox	Zamak and stainless steel
EMPAQUETADO	EMBALLAGE
Caja con 50 unids. 2500 grs.	Boîte avec 50 unités. 2500 grs.
MATERIALES	MATÉRIELS
Zamak e inox	Zamak et acier inox

OBG6+
PLUS



Disponível também com chave
Available also with key
Disponible con llave
Disponible avec clef
Ref. OBG6K

Disponível também s/ punho
Available also with handle
Disponible sin maneta
Disponible sans poignée
Ref. OBG6P

Mod. Dep.



EMBALAGEM	PACKAGING
Caixa com 1 unidade. 1230 grs.	Box with 1 unit. 1230 grs.
MATERIAIS	MATERIALS
Alumínio, zamak, nylon e inox	Aluminium, zamak, nylon and stainless steel
FIXAÇÃO	FIXING
Fixação rápida em inox	Fast fixation in stainless steel
ACABAMENTO	FINISHING
Lacado	Powder painting
NORMAS	STANDARD
EN 1670, 13126-8	EN 1670, 13126-8
OBSERVAÇÕES	COMMENTS
OB reversível	T&T reversible
EMPAQUETADO	EMBALLAGE
Caja con 1 unidade. 1230 grs.	Boîte avec 1 unité. 1230 grs.
MATERIALES	MATÉRIELS
Aluminio, zamak, nylon y acero inox	Aluminium, zamak, nylon et acero inox
FIJACIÓN	FIXATION
Fijación rápida en acero inox	Fixation rapide en acier inox
ACABADOS	FINITIONS
Lacado	Laqué
NORMAS	NORMATIF
EN 1670, 13126-8	EN 1670, 13126-8
OBSERVACIONES	OBSERVATIONS
OB reversible	OB réversible



Dobradiças 2ª folha / Passive leaf hinges
Bisagras de 2ª hoja pasiva / Paumelles p/ feuille passive



Cód. OBG2
CE14 / CE12 / CE10

EMBALAGEM

Caixa com 5 unidades. 2350gr.

MATERIAIS

Alumínio zamak e inox

EMPAQUETADO

Caja con 5 unids. 2350grs.

MATERIALES

Alumínio, zamak y acero inox

PACKAGING

Box with 5 units. 2350grs.

MATERIALS

Aluminium, zamak and stainless steel

EMBALLAGE

Boîte avec 5 unités. 2350grs.

MATÉRIELES

Aluminium, zamak et acier inox

Fechos de 2ª folha Zamak / Passive leaf locks Zamak
Pasadores de 2ª hoja pasiva Zamak / Verroux feuille passive



Cód. 18246
CE14

EMBALAGEM

Caixa com 5 unidades.
2100grs.

MATERIAIS

Zamak e inox

EMPAQUETADO

Caja con 5 unids.
2100 grs.

MATERIALES

Zamak y inox

PACKAGING

Box with 5 units.
2100grs.

MATERIALS

Zamak and stainless steel

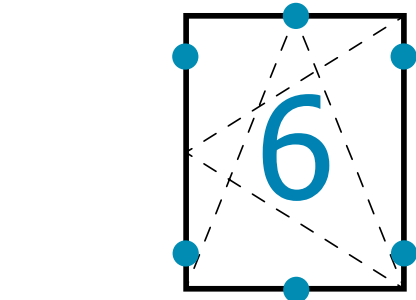
EMBALLAGE

Boîte avec 5 unités.
2100 grs.

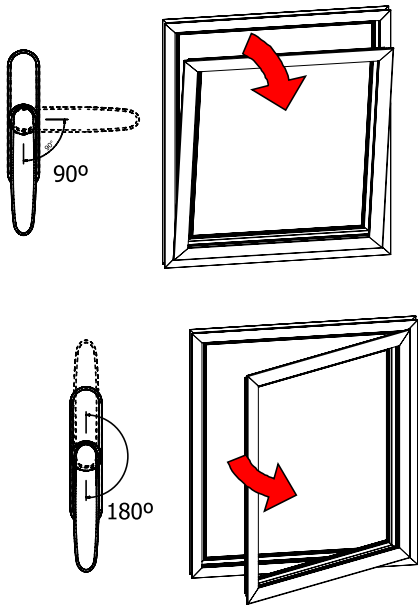
MATÉRIELES

Zamak et acier inox

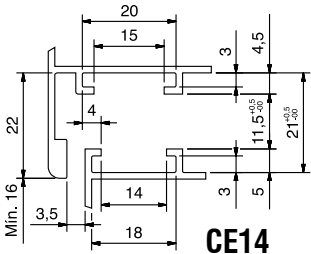
ALPHA



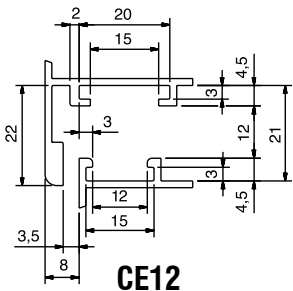
LÓGICO



CAMARA EUROPEIA / EUROGROOVE PROFILE
CÂMARA EUROPEA / CHAMBRE EUROPÉENNE



CE14



CE12



Cód. 18230
CE14 / CE12

EMBALAGEM

Caixa com 50 unidades. 1265grs.

MATERIAIS

Zamak e inox

PACKAGING

Box with 50 units. 1265grs.

MATERIALS

Zamak and stainless steel

EMPAQUETADO

Caja con 50 unidades. 1265grs.

MATERIALES

Zamak y inox

EMBALLAGE

Boîte avec 50 unités. 1265grs.

MATÉRIELLES

Zamak et acier inox



Fechos de 2ª folha alumínio / Passive leaf locks Aluminium
Pasadores de hoja pasiva Aluminio / Verroux feuille passive



Cód. 18245
CE14 / CE12 / CE10

EMBALAGEM

Caixa com 1 unidade.
100grs.

MATERIAIS

Alumínio, zamak e inox

EMPAQUETADO

Caja con 1 unidade. 100 grs.

MATERIALES

Alumínio, zamak e inox

PACKAGING

Box with 1 unit.
100grs.

MATERIALS

Aluminium, zamak and stainless steel

EMBALLAGE

Boîte avec 1 unité. 100 grs.

MATÉRIELES

Aluminium, zamak et acier inox



Cód. 18221
CE14 / CE12 / CE10

EMBALAGEM

Caixa com 50 unidades.
550 grs.

MATERIAIS

Nylon e inox

EMPAQUETADO

Caja con 50 unidades.
550 grs.

MATERIALES

Nylon e inox

PACKAGING

Box with 50 units.
550grs.

MATERIALS

Nylon and stainless steel

EMBALLAGE

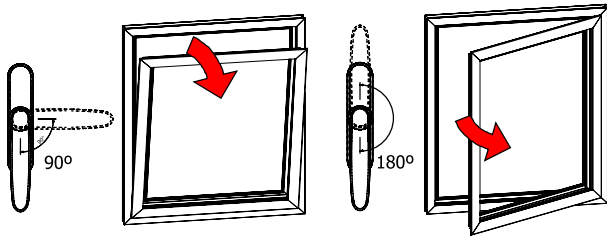
Boîte avec 50 unités
550grs.

MATÉRIELES

Nylon et acier inox

ALPHA

Manobra lógica / Logic manouver
Maniobra lógica / Manouvre logique



Cód. 18244
Compasso - braço **pequeno** / Compass - **small** arm
Compás - brazo **pequeno** / Compas - bras **corto**
L mín 435mm **L máx** 700mm
Caixa 10 unidades. **Gr/emb.** 2360

Manobra lógica

Cód. 18243
Compasso - braço **grande** / Compass - **big** arm
Compás - brazo **grande** / Compas - bras **long**
L mín 563mm **L máx** 1000mm
Caixa 10 unidades. **Gr/emb.** 3265

Manobra lógica

Cód. 18229 + 18243
Compasso **grande + suplementar** / **Big + Additional** compas
Compás **grande + ssuplementario** / Bras **long + supplémentaire**
1000 < **L** < 1700mm
Caixa 10 unidades. **Gr/emb.** 5625

Manobra lógica

EMBALAGEM Caixa com 10 unidades.	PACKAGING Box with 10 units.
MATERIAIS Zamak e inox	MATERIALS Zamak and stainless steel
FIXAÇÃO Fixação rápida em inox	FIXING Fast fixation in stainless steel
ACABAMENTO Zincado	FINISHING Zinc
EMPAQUETADO Caja con 10 unidades.	EMBALLAGE Boîte avec 10 unités.
MATERIALES Zamak y acero inox	MATÉRIELS Zamak et acero inox
FIJACIÓN Fijación rápida en acero inox	FIXATION Fixation rapide en acier inox
ACABADOS Zinc	FINITIONS Zinc



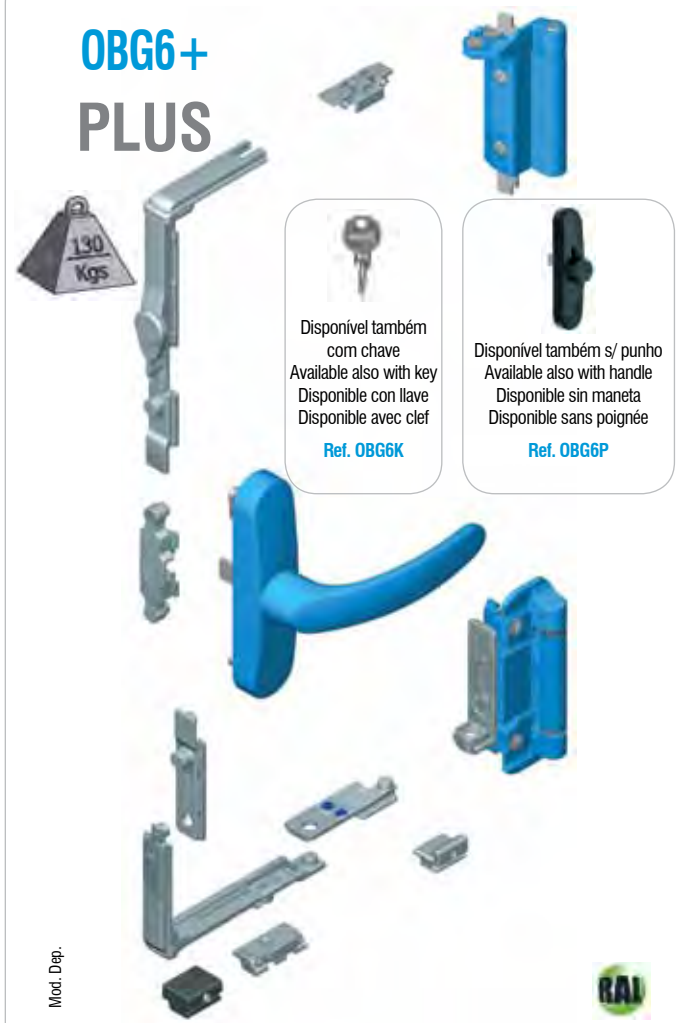
Cód. 18220
CE14 / CE12
Kit suplementar H/V
H/V additional locking set
Juego de cierre suplementario H/V
Jeu de fermetures supplémentaire H/V

EMBALAGEM Caixa com 20 unid. 2700 grs.	PACKAGING Box with 20 units. 2700 grs.
MATERIAIS Zamak y inox	MATERIALS Zamak and stainless steel
EMPAQUETADO Caja con 20 unids. 2700 grs.	EMBALLAGE Boîte avec 20 unités. 2700 grs.
MATERIALES Zamak e inox	MATÉRIELS Zamak et acier inox

Cód. 18222
CE14 / CE12
Ponto de fecho suplementar
Additional locking set
Punto de cierre suplementario
Point de fermetures supplémentaire

EMBALAGEM Caixa com 50 unid. 2500 grs.	PACKAGING Box with 50 units. 2500 grs.
MATERIAIS Zamak e inox	MATERIALS Zamak and stainless steel
EMPAQUETADO Caja con 50 unids. 2500 grs.	EMBALLAGE Boîte avec 50 unités. 2500 grs.
MATERIALES Zamak e inox	MATÉRIELS Zamak et acier inox

OBG6+
PLUS



Mod. Dep.



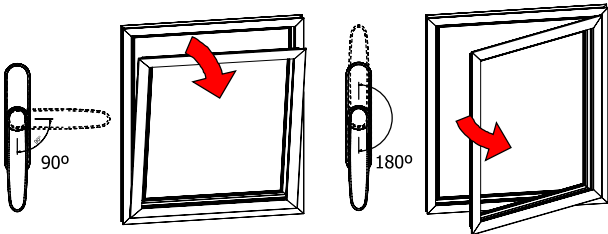
Disponível também
com chave
Available also with key
Disponible con llave
Disponible avec clef
Ref. OBG6K

Disponível também s/ punho
Available also with handle
Disponible sin maneta
Disponible sans poignée
Ref. OBG6P

EMBALAGEM Caixa com 1 unidade. 1230 grs.	PACKAGING Box with 1 unit. 1230 grs.
MATERIAIS Alumínio, zamak, nylon e inox	MATERIALS Aluminum, zamak, nylon and stainless steel
FIXAÇÃO Fixação rápida em inox	FIXING Fast fixation in stainless steel
ACABAMENTO Lacado	FINISHING Powder painting
NORMAS EN 1670, 13126-8	STANDARD EN 1670, 13126-8
OBSERVAÇÕES OB reversível	COMMENTS T&T reversible
EMPAQUETADO Caja con 1 unidade. 1230 grs.	EMBALLAGE Boîte avec 1 unité. 1230 grs.
MATERIALES Aluminio, zamak, nylon y acero inox	MATÉRIELS Aluminium, zamak, nylon et acero inox
FIJACIÓN Fijación rápida en acero inox	FIXATION Fixation rapide en acier inox
ACABADOS Lacado	FINITIONS Laqué
NORMAS EN 1670, 13126-8	NORMATIF EN 1670, 13126-8
OBSERVACIONES OB reversible	OBSERVATIONS OB réversible

Manobra lógica / Logic manouver

Maniobra lógica / Manouvre logique



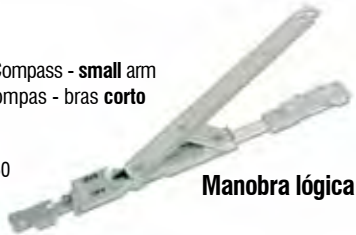
Cód. 18244

Compasso - braço **pequeno** / Compass - **small** arm
Compás - brazo **pequeño** / Compas - bras **corto**

L mín 435mm L máx 700mm

Caixa 10 unidades. Gr/emb. 2360

Manobra lógica



Cód. 18243

Compasso - braço **grande** / Compass - **big** arm
Compás - brazo **grande** / Compas - bras **long**

L mín 563mm L máx 1000mm

Caixa 10 unidades. Gr/emb. 3265

Manobra lógica



Cód. 18229 + 18243

Compasso **grande + suplementar** / **Big + Additional** compas
Compás **grande + ssuplementario** / Bras **long + suplementaire**

1000 <L<1700mm

Caixa 10 unidades. Gr/emb. 5625

Manobra lógica



EMBALAGEM

Caixa com 10 unidades.

MATERIAIS

Zamak e inox

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Zincado

EMPAQUETADO

Caja con 10 unidades.

MATERIALES

Zamak y acero inox

FIJACIÓN

Fijación rápida en acero inox

ACABADOS

Zinc

PACKAGING

Box with 10 units.

MATERIALS

Zamak and stainless steel

FIXING

Fast fixation in stainless steel

FINISHING

Zinc

EMBALLAGE

Boîte avec 10 unités.

MATÉRIELS

Zamak et acero inox

FIXATION

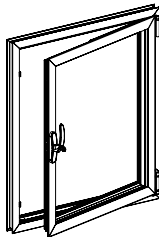
Fixation rapide en acier inox

FINITIONS

Zinc

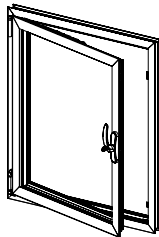
OBG+SD

Direita / Right
Direcha / Droit



OBG+SE

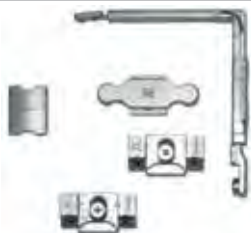
Esquerda / Left
Izquierda / Gauche



Cód. 18220

CE14 / CE12

Kit suplementar H/V
H/V additional locking set
Juego de cierre suplementario H/V
Jeu de fermetures supplémentaire H/V



EMBALAGEM

Caixa com 20 unid.
2700 grs.

MATERIAIS

Zamak y inox

EMPAQUETADO

Caja con 20 unids.
2700 grs.

MATERIALES

Zamak e inox

PACKAGING

Box with 20 units.
2700 grs.

MATERIALS

Zamak and stainless steel

EMBALLAGE

Boîte avec 20 unités.
2700 grs.

MATÉRIELS

Zamak et acier inox

Cód. 18222

CE14 / CE12

Ponto de fecho suplementar
Additional locking set
Punto de cierre suplementario
Point de fermetures supplémentaire



EMBALAGEM

Caixa com 50 unid.
2500 grs.

MATERIAIS

Zamak e inox

EMPAQUETADO

Caja con 50 unids.
2500 grs.

MATERIALES

Zamak e inox

PACKAGING

Box with 50 units.
2500 grs.

MATERIALS

Zamak and stainless steel

EMBALLAGE

Boîte avec 50 unités.
2500 grs.

MATÉRIELS

Zamak et acier inox

OBG6+S



Mod. Dep.

EMBALAGEM

Caixa com 1 unidade. 1255 grs.

MATERIAIS

Alumínio, zamak, nylon e inox

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-8

OBSERVAÇÕES

OB reversível
Atenção: Verificar abertura Esq. ou Dtº

EMPAQUETADO

Caja con 1 unidade. 1255 grs.

MATERIALES

Alumínio, zamak, nylon y acero inox

FIJACIÓN

Fijación rápida en acero inox

ACABADOS

Lacado

NORMAS

EN 1670, 13126-8

OBSERVACIONES

OB reversible
Atención: Compruebe apertura Izq. o Dt º

PACKAGING

Box with 1 unit. 1255 grs.

MATERIALS

Aluminium, zamak, nylon and stainless steel

FIXING

Fast fixation in stainless steel

FINISHING

Powder painting

STANDARD

EN 1670, 13126-8

COMMENTS

T&T reversible
Attention: Check Left or Dt º opening

EMBALLAGE

Boîte avec 1 unité. 1255 grs.

MATÉRIELS

Aluminium, zamak, nylon et acero inox

FIXATION

Fixation rapide en acier inox

FINITIONS

Laqué

NORMATIF

EN 1670, 13126-8

OBSERVATIONS

OB réversible
Attention: Vérifiez l'ouverture gauche ou Dt º



Dobradiças 2ª folha / Passive leaf hinges
 Bisagras de 2ª hoja pasiva / Paumelles p/ feuille passive



Cód. OBG2

CE14 / CE12 / CE10

EMBALAGEM

Caixa com 5 unidades. 2350gr

MATERIAIS

Alumínio zamak e inox

EMPAQUETADO

Caja con 5 unids. 2350grs.

MATERIALES

Aluminio, zamak y acero inox

PACKAGING

Box with 5 units. 2350grs.

MATERIALS

Aluminium, zamak and stainless steel

EMBALLAGE

Boîte avec 5 unités. 2350grs.

MATÉRIELES

Aluminium, zamak et acier inox

Fechos de 2ª folha Zamak / Passive leaf locks Zamak
 Pasadores de hoja pasiva Zamak / Verroux feuille passive



Cód. 18246

CE14

EMBALAGEM

Caixa com 5 unidades. 2100grs.

MATERIAIS

Zamak e inox

EMPAQUETADO

Caja con 5 unids. 2100 grs.

MATERIALES

Zamak e inox

PACKAGING

Box with 5 units. 2100grs.

MATERIALS

Zamak and stainless steel

EMBALLAGE

Boîte avec 5 unités. 2100 grs.

MATÉRIELES

Zamak et acier inox



Cód. 18230

CE14 / CE12

EMBALAGEM

Caixa com 50 unidades. 1265grs.

MATERIAIS

Zamak e inox

PACKAGING

Box with 50 units. 1265grs.

MATERIALS

Zamak and stainless steel

EMPAQUETADO

Caja con 50 unidades. 1265grs.

MATERIALES

Zamak y inox

EMBALLAGE

Boîte avec 50 unités. 1265grs.

MATÉRIELLES

Zamak et acier inox



Fechos de 2ª folha alumínio / Passive leaf locks Aluminium
 Pasadores de 2ª hoja pasiva Aluminio / Verroux feuille passive



Cód. 18245

CE14 / CE12 / CE10

EMBALAGEM

Caixa com 1 unidade. 100grs.

MATERIAIS

Alumínio, zamak e inox

EMPAQUETADO

Caja con 1 unidade. 100 grs.

MATERIALES

Aluminio, zamak e inox

PACKAGING

Box with 1 unit. 100grs.

MATERIALS

Aluminium, zamak and stainless steel

EMBALLAGE

Boîte avec 1 unité. 100 grs.

MATÉRIELES

Aluminium, zamak et acier inox



Cód. 18221

CE14 / CE12 / CE10

EMBALAGEM

Caixa com 50 unidades. 550 grs.

MATERIAIS

Nylon e inox

EMPAQUETADO

Caja con 50 unidades. 550 grs.

MATERIALES

Nylon e inox

PACKAGING

Box with 50 units. 550grs.

MATERIALS

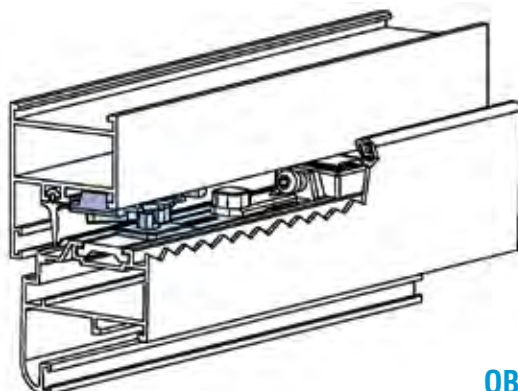
Nylon and stainless steel

EMBALLAGE

Boîte avec 50 unités. 550grs.

MATÉRIELES

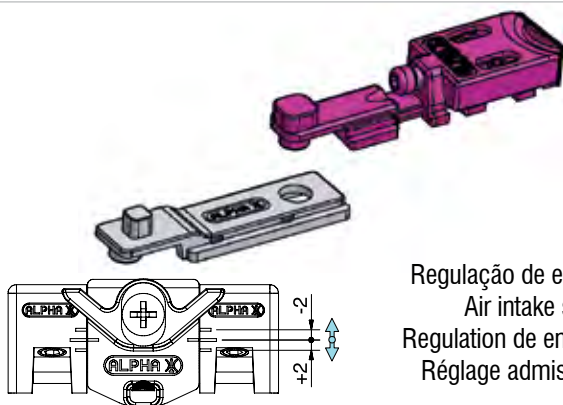
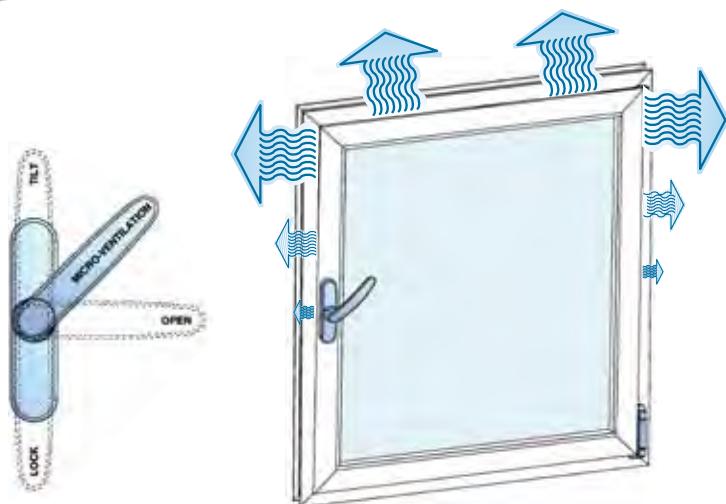
Nylon et acier inox



Cód. MICROVEN



Compatível c/
OBG6 / OBG6+ / OBG+S



Regulação de entrada de ar
Air intake setting
Regulation de entrada de aire
Réglage admission de air



EMBALAGEM

Caixa com 20 unidades. 1090 grs.

MATERIAIS

Zamak nylon e inox

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Zincado

NORMAS

EN 1670, 13126-2000

OBSERVAÇÕES

CE 14x18 e CE 12x15

PACKAGING

Box with 20 units. 1090 grs.

MATERIALS

Zamak, nylon and stainless steel

FIXING

Fast fixation in stainless steel

FINISHING

Zinc

STANDARD

EN 1670, 13126-2000

COMMENTS

CE 14x18 and CE 12x15

EMPAQUETADO

Caja con 20 unidades. 1090 grs.

MATERIALES

Zamak, nylon y acero inox

FIJACIÓN

Fijación rápida en acero inox

ACABADOS

Zinc

NORMAS

EN 1670, 13126-2000

OBSERVACIONES

CE 14x18 y CE 12x15

EMBALLAGE

Boîte avec 20 unités. 1090 grs.

MATÉRIELS

Zamak, nylon et acier inox

FIXATION

Fixation rapide en acier inox

FINITIONS

Zinc

NORMATIF

EN 1670, 13126-8

OBSERVATIONS

CE 14x18 et CE 12x15

Máquina / Machine / Máquina / Machine

MQ1

Máquina intuitiva e totalmente automática de medir, mecanizar e cortar barra de cremone em poliamida e alumínio; para CE.

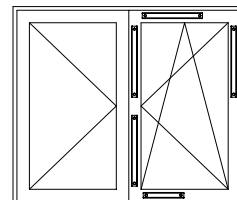
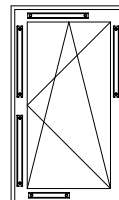
Intuitive and fully automatic machine, for measuring, machining and cutting eurogroove rod in polyamide and aluminium.

Máquina intuitiva y totalmente automática de medición, mecanización y corte de barras de cremone en poliamida y aluminio para CE.

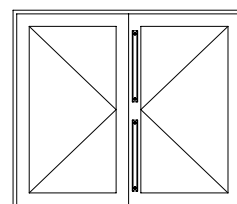
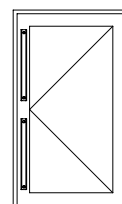
Machine intuitive et entièrement automatique pour mesure, d'usinage et de coupe tige eurogroove en polyamide et en aluminium.



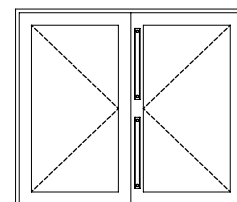
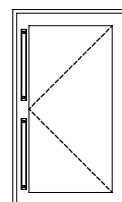
Oscilobatente
Tilt and turn
Oscilobatiente
Oscilobattant
OBG6 / OBG+S /
OBG6+



Janelas de abrir
Inside opening windows
Ventanas
Fenêtres



Portadas
Outside opening windows
Mallorquinas
Volets



Roło de poliamida não incluído / Rollo en polamida no incluido
Polyamide roller not included / Rouleau polyamide pas compris

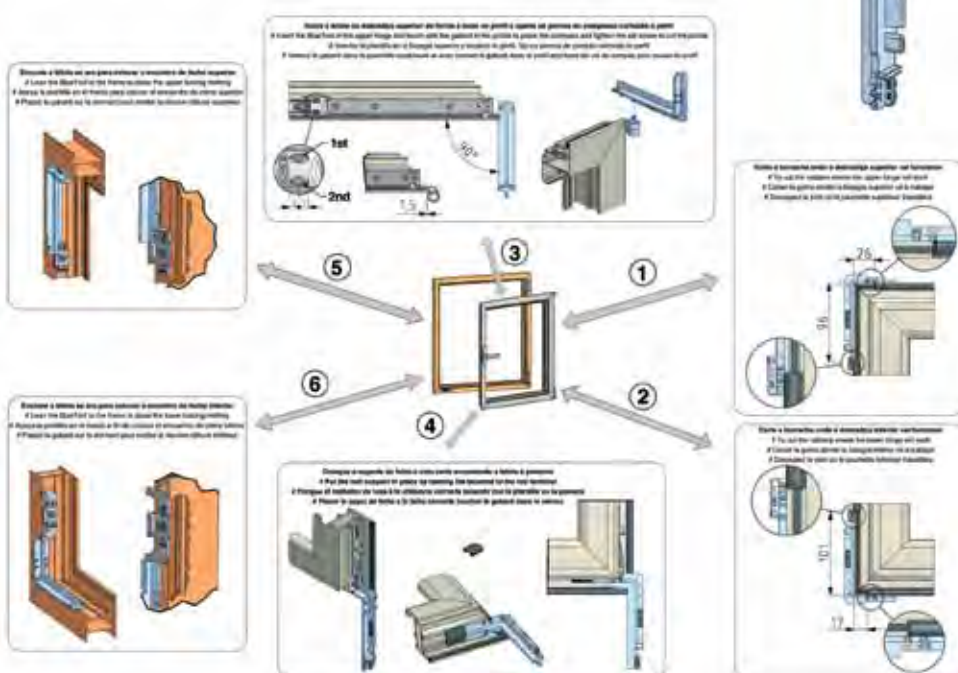
Bitola / Bluetool / Plantilla / Gabarit

Bitola para mecanização e montagem de todos os componentes do Oscilobatente Global.

Bluetool for machining and mounting all components of Global tilt-and-turn.

Plantilla para el mecanizado y montaje de todos los componentes de Oscilobatiente Global.

Gabarit pour mécanisation et l'assemblage de toutes les composantes de Oscilobattant Global.







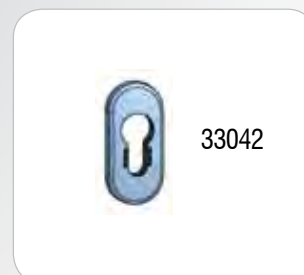
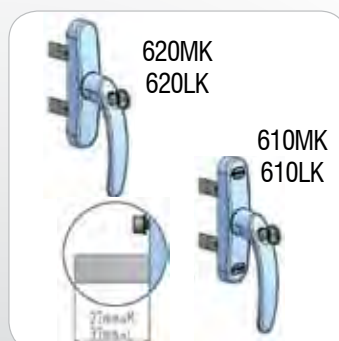
LINHA
GLOBAL

GLOBAL LINE
LINEA GLOBAL
LIGNE GLOBAL



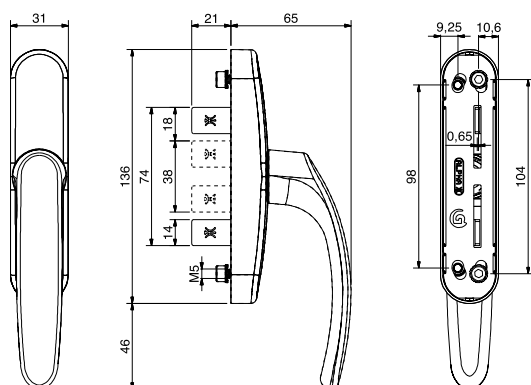
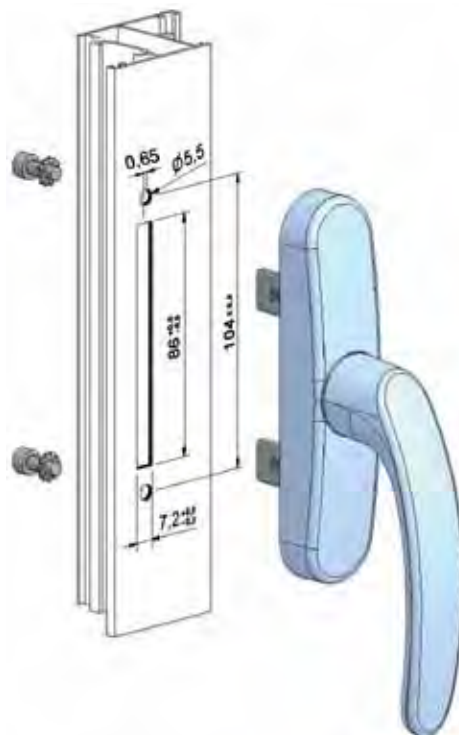
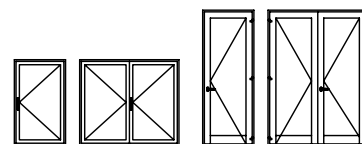
ALPHA®



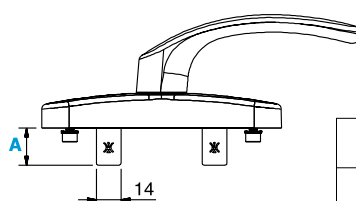




Mod. Dep.



620



Ref.	A (mm)
620	21
620M	27
620L	37

EMBALAGEM

Caixa com 12 unidades. 4020 grs.

MATERIAIS

Alumínio, zamak e inox

FIXAÇÃO

Parafusos unbrako em aço inox (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-8

OBSERVAÇÕES

Fixação posterior própria p/ séries de câmara europeia

PACKAGING

Box with 12 units. 4020 grs.

MATERIALS

Aluminium, zamak and stainless steel

FIXING

Unbrako stainless steel screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 13126-8

COMMENTS

Fixation on the back for C. E.

EMPAQUETADO

Caja con 12 unidades. 4020 grs.

MATERIALES

Aluminio, zamak y acero inox

FIJACIÓN

Tornillos unbrako de acero inox (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670, 13126-8

OBSERVACIONES

Fijación posterior para series de camara europea

EMBALLAGE

Boîte avec 12 unités. 4020 grs.

MATÉRIELS

Aluminium, zamak et acier inox

FIXATION

Vis unbrako acier inox (compris)

FINITIONS

Laqué

NORMATIF

EN 1670, 13126-8

OBSERVATIONS

Fixation postérieure pour C. E.

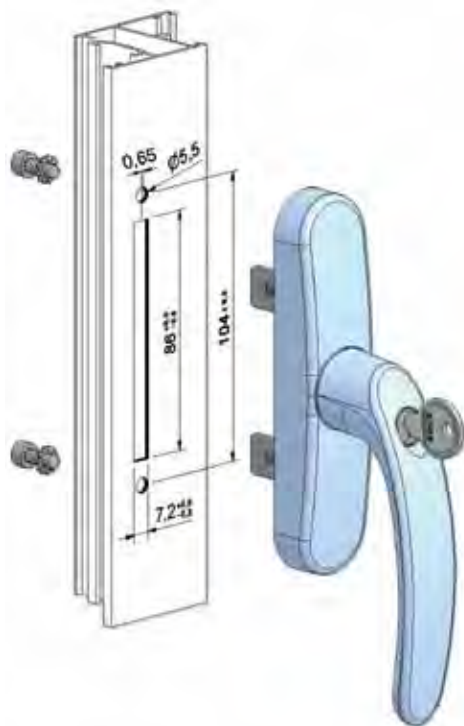
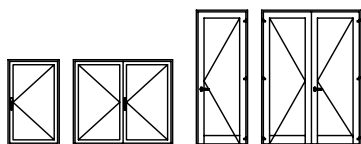
Cremone rotativa reversível para C. E. **c/ cilindro**
 Rotative cremona **with cylinder** for E. G. series
 Cremona rotativa para camara europea **con cerrador**
 Cremone d'ouverture française **avec serrure**

LINHA GLOBAL



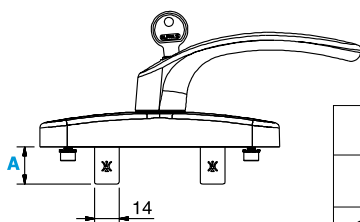
620K

ALPHA

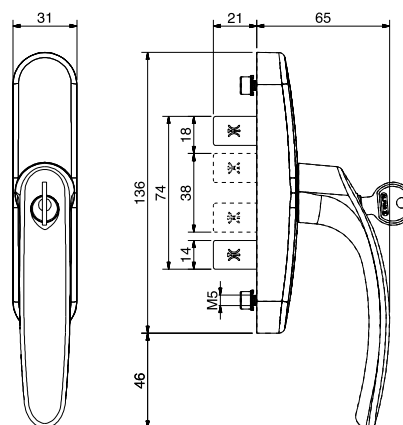


Mod. Dep.

620K



Ref.	A (mm)
620K	21
620MK	27
620LK	37



EMBALAGEM

Caixa com 10 unidades. 3465 grs.

MATERIAIS

Alumínio, zamak e inox

FIXAÇÃO

Parafusos unbrako em aço inox (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cilindro de segurança e fixação posterior C. E.

PACKAGING

Box with 10 units. 3465 grs.

MATERIALS

Aluminium, zamak and stainless steel

FIXING

Unbrako stainless steel screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Security cylinder with fixation on the back for C. E.

EMPAQUETADO

Caja con 10 unidades. 3465 grs.

MATERIALES

Alumínio, zamak y acero inox

FIJACIÓN

Tornillos unbrako de acero inox (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cilindros de seguridad con fijación posterior para series de C.E.

EMBALLAGE

Boîte avec 10 unités. 3465 grs.

MATÉRIELS

Aluminium, zamak et acier inox

FIXATION

Vis unbrako acier inox (compris)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Cylindre de sécurité avec fixation postérieur pour C. E.

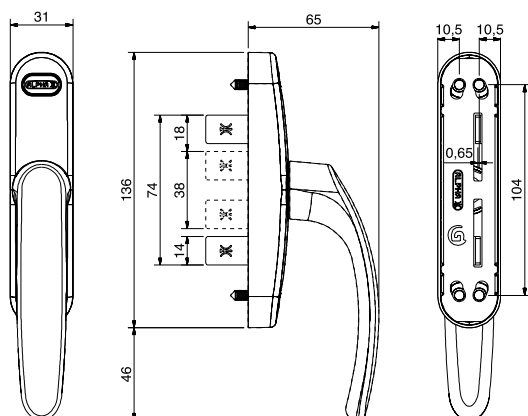
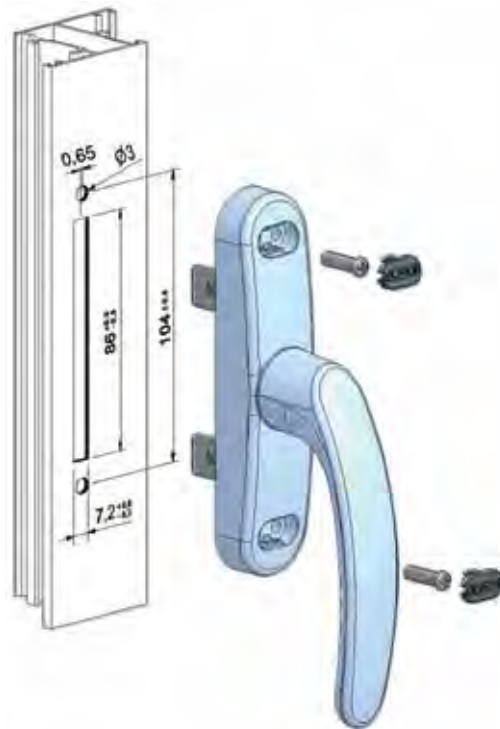
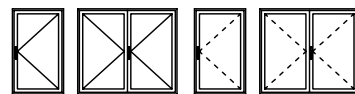


ALPHA

Mod. Dep.



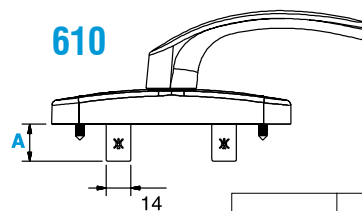
RAL



Aplicável com
 Aplicable with
 Se aplica con
 Applicable avec



S14
 (pag. 120)

610

Ref.	A (mm)
610	21
610M	27
610L	37

EMBALAGEM

Caixa com 12 unidades. 3925 grs.

MATERIAIS

Alumínio, zamak e inox

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação frontal

PACKAGING

Box with 12 units. 3925 grs.

MATERIALS

Aluminium, zamak and stainless steel

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Frontal fixation

EMPAQUETADO

Caja con 12 unidades. 3925 grs.

MATERIALES

Aluminio, zamak y acero inox

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Fijación frontal

EMBALLAGE

Boîte avec 12 unités. 3925 grs.

MATÉRIELS

Aluminium, zamak et acier inox

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Fixation frontale

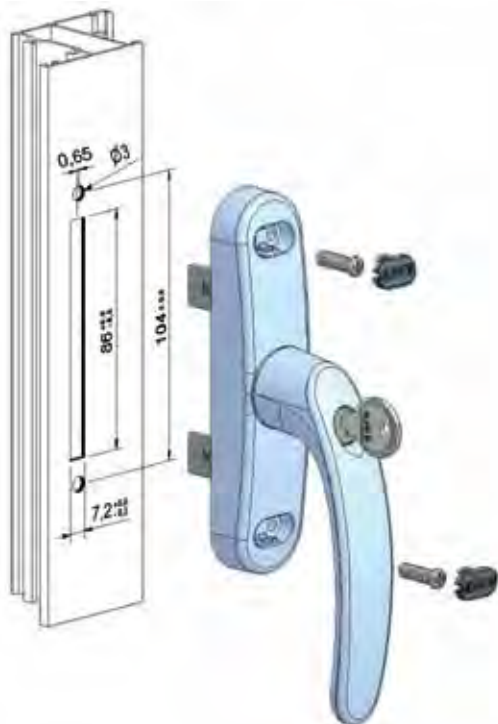
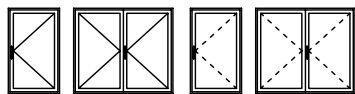
Cremone **com fechadura** e fixação frontal
 Cremona **with cylinder** and frontal fixation
 Cremona **con cerradura** y fijación frontal
 Cremone **avec serrure** et fixation frontale

LINHA GLOBAL



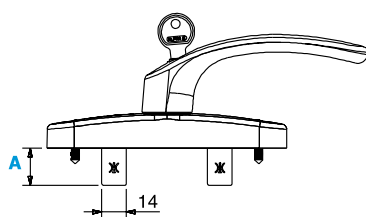
610K

ALPHA

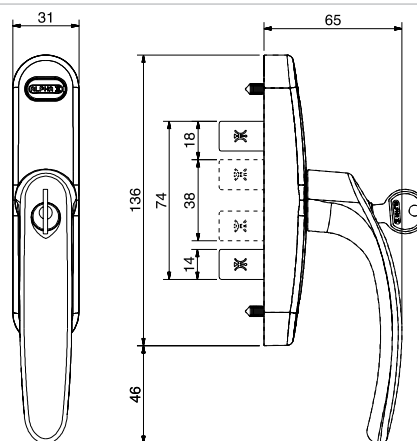


Mod. Dep.

610K



Ref.	A (mm)
610K	21
610MK	27
610LK	37



EMBALAGEM

Caixa com 10 unidades. 3390 grs.

MATERIAIS

Alumínio, zamak e inox

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cilindro de segurança e fixação frontal

PACKAGING

Box with 10 units. 3390 grs.

MATERIALS

Aluminium, zamak and stainless steel

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Security cylinder with frontal fixation

EMPAQUETADO

Caja con 10 unidades. 3390 grs.

MATERIALES

Alumínio, zamak y acero inox

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cilindro de seguridad on fijación frontal

EMBALLAGE

Boîte avec 10 unités. 3390 grs.

MATÉRIELS

Aluminium, zamak et acier inox

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

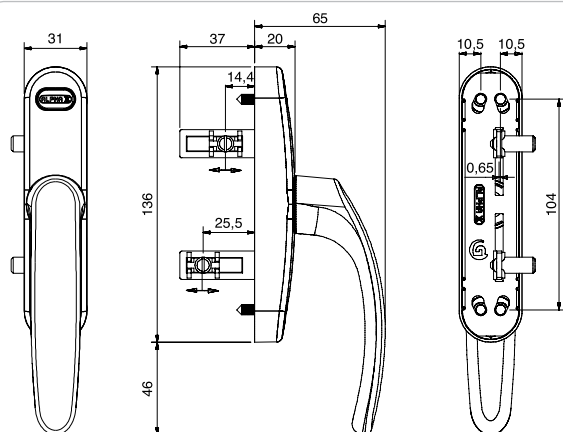
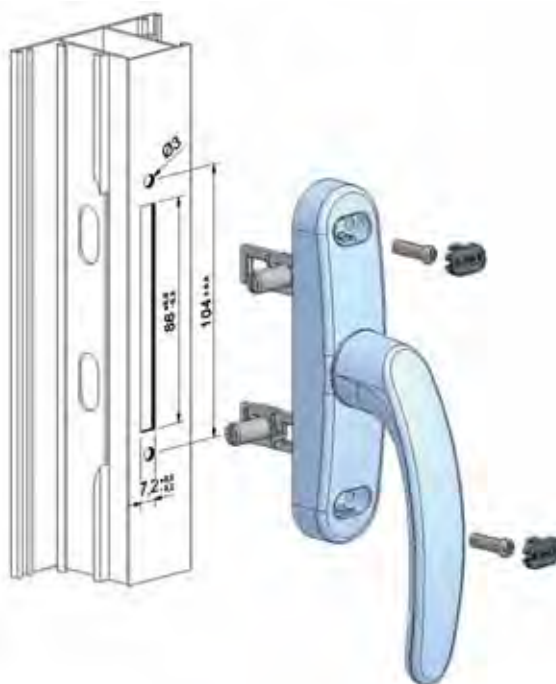
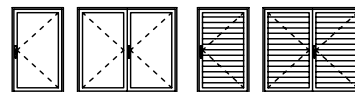
Cylindre de sécurité avec fixation frontale



ALPHA



Mod. Dep.



 $\varnothing 8$ L M5	Cod.	Embalagem Packaging Empaquetado Emballage	Material Material / Material Matériel	
7mm	642P7 33026	Sacos Bags Bolsas Sac 16 unit.	Inox Stainless steel Acero inox Acier inox	Pernos de ligação não incluídos.
10mm	642P10 33027			Connection pins not included.
14mm	642P14 33028			Tornillos de ligacion no incluídos.
16mm	642P16 33029			Lien boulons pas inclus.
20mm	642P20 33030			
26mm	642P26 33031			

EMBALAGEM

Caixa com 8 unidades. 2630 grs.

MATERIAIS

Alumínio, zamak, aço e inox

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação frontal

PACKAGING

Box with 8 units. 2630 grs.

MATERIALS

Aluminium, zamak, steel and stainless steel

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Frontal fixation

EMPAQUETADO

Caja con 8 unidades. 2630 grs.

MATERIALES

Aluminio, zamak, acero y acero inox

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Fijación frontal

EMBALLAGE

Boîte avec 8 unités. 2630 grs.

MATÉRIELS

Aluminium, zamak, acier et acier inox

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

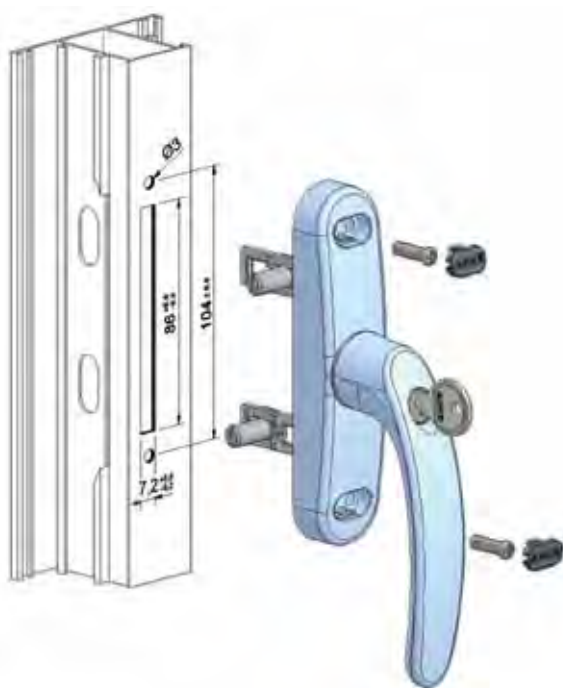
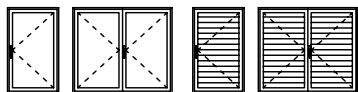
Fixation frontale

Cremone com fechadura de fixação frontal
 Cremone with cylinder and frontal fixation
 Cremona con cerradura y fijación frontal
 Cremone avec serrure et fixation frontale

LINHA GLOBAL



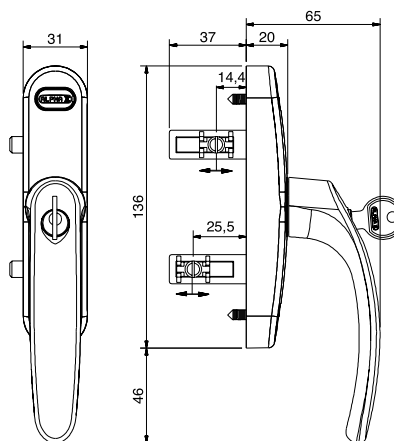
642K



ALPHA

Mod. Dep.

$\varnothing 8$ L M5	Cod.	Embalagem Packaging Empaquetado Emballage	Material Material / Material Matériel	
7mm	642P7 33026	Sacos Bags Bolsas Sac 16 unit.	Inox Stainless steel Acero inox Acier inox	Pernos de ligação não incluídos.
10mm	642P10 33027			Connection pins not included.
14mm	642P14 33028			Tomillos de ligacion no incluídos.
16mm	642P16 33029			Lien boulons pas inclus.
20mm	642P20 33030			
26mm	642P26 33031			



EMBALAGEM

Caixa com 8 unidades. 2800 grs.

MATERIAIS

Alumínio, zamak, aço e inox

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cilindro de segurança. Fixação frontal

PACKAGING

Box with 8 units. 2800 grs.

MATERIALS

Aluminium, zamak, steel and stainless steel

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Security cylinder. Frontal fixation

EMPAQUETADO

Caja con 8 unidades. 2800 grs.

MATERIALES

Alumínio, zamak, acero y acero inox

FIJACIÓN

Tomillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cilindro de seguridad. Fijación frontal

EMBALLAGE

Boîte avec 8 unités. 2800 grs.

MATÉRIELS

Aluminium, zamak, acier et acier inox

FIXATION

Vis (compris)

FINITIONS

Lacqué

NORMATIF

EN 1670

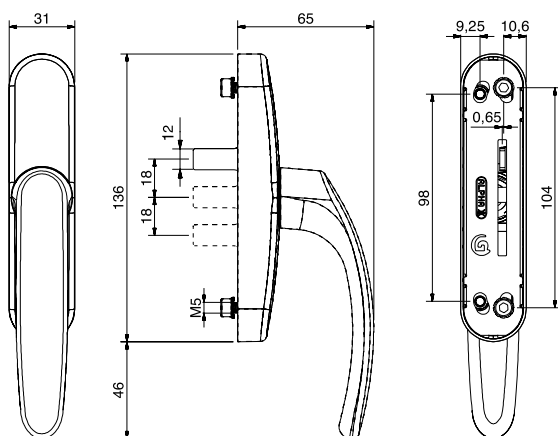
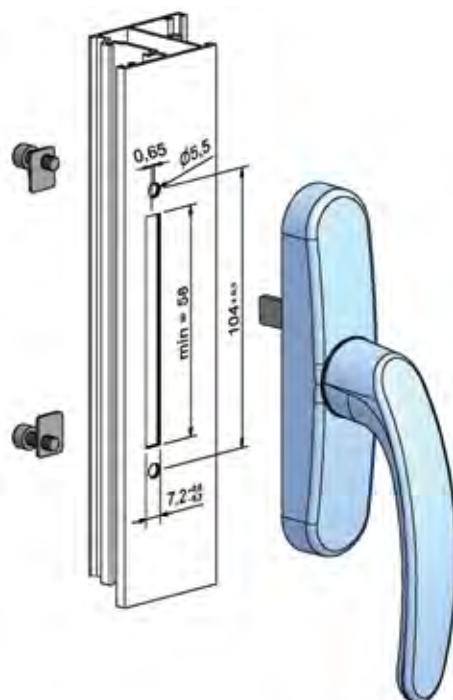
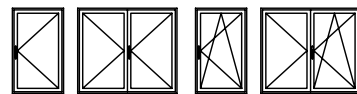
OBSERVATIONS

Cylindre de sécurité. Fixation frontale

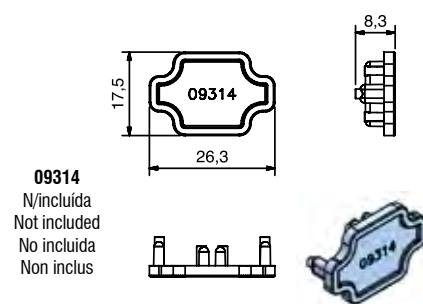


ALPHA

Mod. Dep.



Cód. 09314



09314

N/incluída
Not included
No incluida
Non inclus

EMBALAGEM

Caixa com 10 unidades. 3120 grs.

MATERIAIS

Alumínio, zamak e inox

FIXAÇÃO

Parafusos unbrako (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cremone 180°, fixação posterior

PACKAGING

Box with 10 units. 3120 grs.

MATERIALS

Aluminium, zamak and stainless steel

FIXING

Unbrako screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Cremona 180° with fixation on the back

EMPAQUETADO

Caja con 10 unidades. 3120 grs.

MATERIALES

Aluminio, zamak y acero inox

FIJACIÓN

Tornillos unbrako (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cremona 180° con fijación posterior

EMBALLAGE

Boîte avec 10 unités. 3120 grs.

MATÉRIELS

Aluminium, zamak et acier inox

FIXATION

Vis unbrako (compris)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

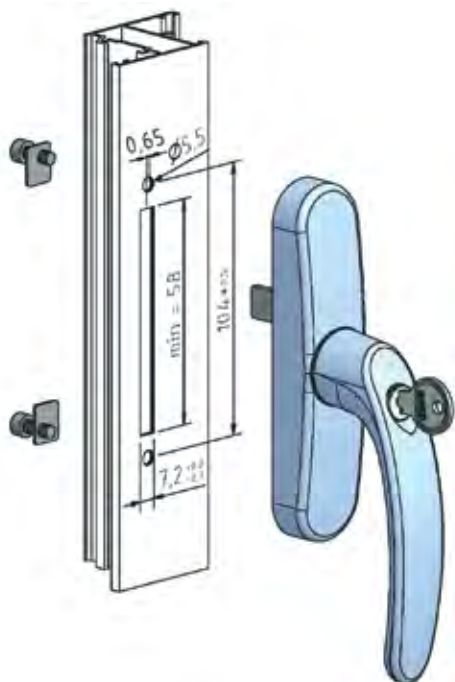
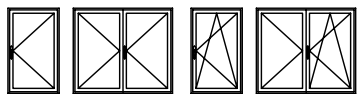
Cremone 180° avec fixation postérieure

Cremone rotativa para OB, com fechadura
 Rotative cremona for Tilt and turn with cylinder
 Cremona rotativa para oscilobatiente con cerradura
 Cremone pour oscillobattant avec serrure

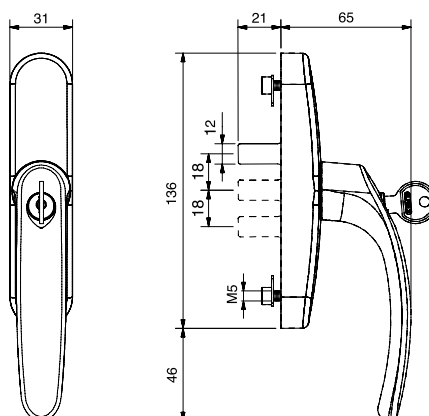
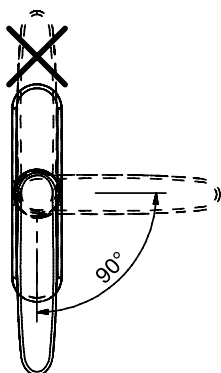
LINHA GLOBAL



645SK



Mod. Dep.



EMBALAGEM

Caixa com 10 unidades. 3300 grs.

MATERIAIS

Alumínio, zamak e inox

FIXAÇÃO

Parafusos unbrako (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cremone 180°, com chave. Fixação posterior

PACKAGING

Box with 10 units. 3300 grs.

MATERIALS

Aluminium, zamak and stainless steel

FIXING

Unbrako screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Cremona 180° with security cilinder. Fixation on the back

EMPAQUETADO

Caja con 10 unidades. 3300 grs.

MATERIALES

Alumínio, zamak y acero inox

FIJACIÓN

Tornillos unbrako (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cremona 180° con cilindro de seguridad. Fijación posterior

EMBALLAGE

Boîte avec 10 unités. 3300 grs.

MATÉRIELS

Aluminium, zamak et acier inox

FIXATION

Vis unbrako (compris)

FINITIONS

Laqué

NORMATIF

EN 1670

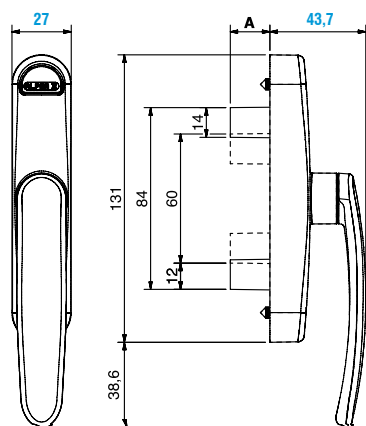
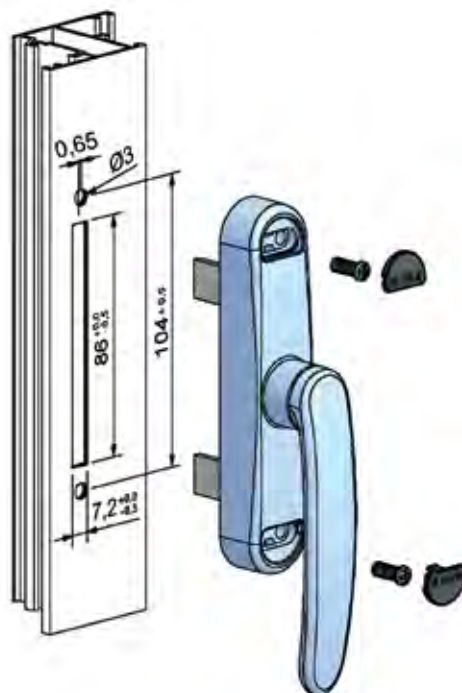
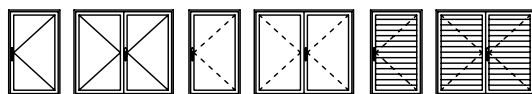
OBSERVATIONS

Cremona 180° avec cylindre de sécurité. Fixation postérieur

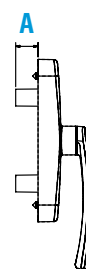
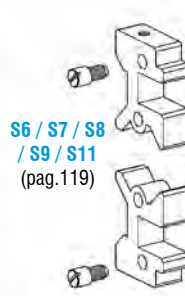


ALPHA

Mod. Dep.

**Aplicável com**

Aplicable with / Se aplica con / Aplicable avec



Ref.	A (mm)
630	19
630L	27,5

EMBALAGEM

Caixa com 10 unidades. 2775 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cremone baixa. Fixação frontal

PACKAGING

Box with 10 units. 2775 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Low cremona. Frontal fixation

EMPAQUETADO

Caja con 10 unidades. 2775 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cremone baja. Fijación frontal

EMBALLAGE

Boîte avec 10 unités. 2775 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

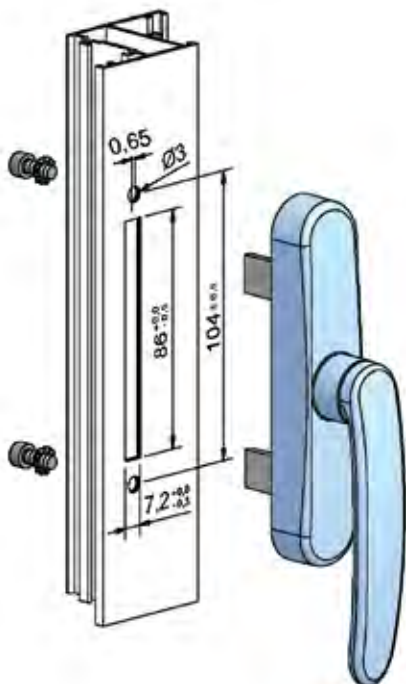
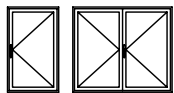
Cremone baisse. Fixation frontale

Cremone rotativa **baixa** de fixação posterior
Low rotative cremona with fixation on the back
 Cremona rotativa **baja** de fijación posterior
 Cremone **baisse** d'ouverture française de fixation postérieur

LINHA GLOBAL



633

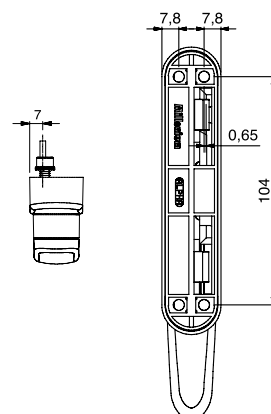
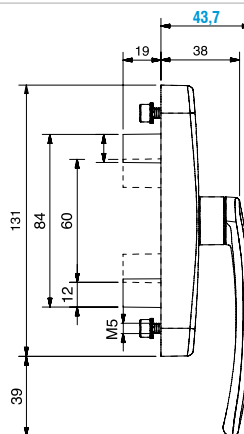
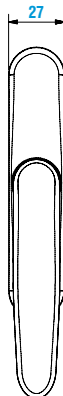
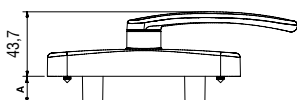
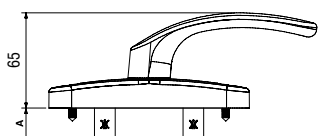


Mod. Dep.

ALPHA

610

630



EMBALAGEM

Caixa com 10 unidades. 3660 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cremone baixa. Fixação posterior

PACKAGING

Box with 10 units. 3660 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Low cremona. Fixation on the back

EMPAQUETADO

Caja con 10 unidades. 3660 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos unbrako ((incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cremone baja. Fijación posterior

EMBALLAGE

Boîte avec 10 unités. 3660 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako ((compris)

FINITIONS

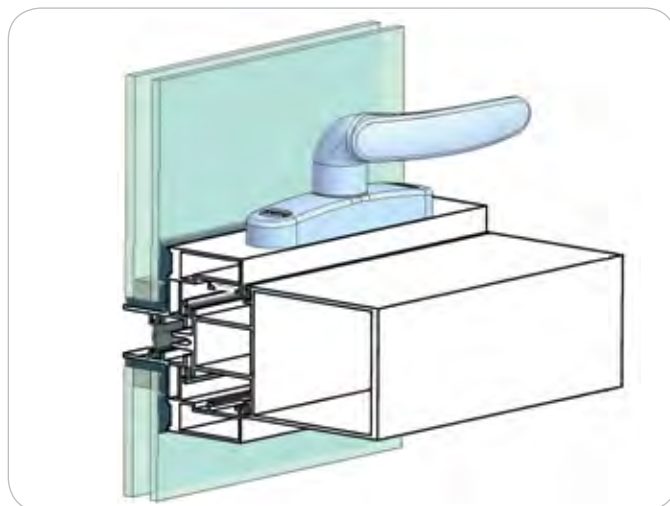
Laqué

NORMATIF

EN 1670

OBSERVATIONS

Cremone baisse. Fixation postérieur



Cod. 18222



Ponto de fecho suplementar regulável
Additional adjustable locking point
Pestillo regulable y cerradero p/ cierre adicional
Verrouillage réglable supplémentaire



EMBALAGEM
Caixa com 50 unidades. 2500 grs.

MATERIAIS
Zamak e inox

PACKAGING
Box with 50 units. 2500 grs.

MATERIALS
Zamak e inox

EMPAQUETADO
Caja con 50 unids. 2500 grs.

MATERIALES
Zamak e inox

EMBALLAGE
Boîte avec 50 unités. 2500 grs.

MATÉRIELES
Zamak et acier inox

Cod. 9312

Angulo de reenvio
Corner transmission
Ángulo de reenvio
Renvoi d'angle



EMBALAGEM
Caixas com 30 unidades.
2925 grs.

PACKAGING
Box with 30 units.
2925 grs.

EMPAQUETADO
Caja con 30 unidades
2925 grs.

EMBALLAGE
Boîte avec 30 unités.
2925 grs.

Cod. 9313



Ponto de fecho suplementar
Kit strike pin
Pestillo y cerradero para cierre adicional
Verrouillage réglable supplémentaire

EMBALAGEM
Caixas com 50 unidades.
1790 grs.

PACKAGING
Box with 50 units.
1790 grs.

EMPAQUETADO
Caja con 50 unidades
1790 grs.

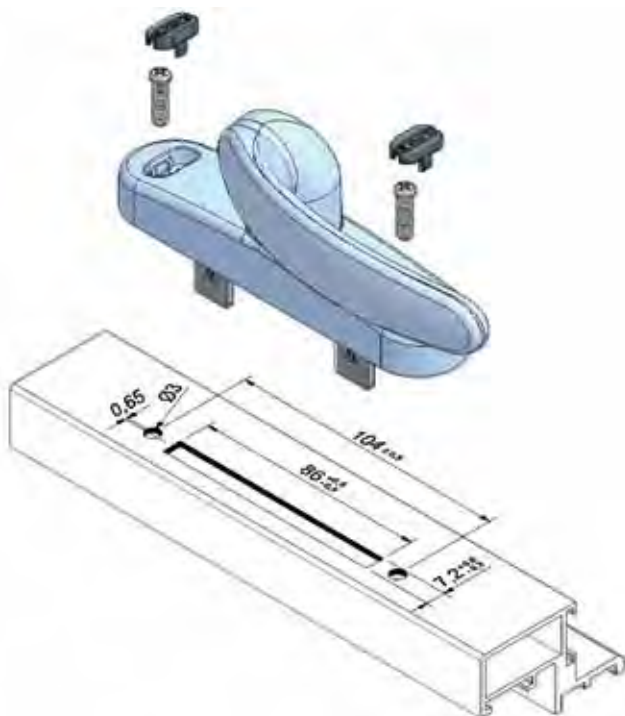
EMBALLAGE
Boîte avec 50 unités.
1790 grs.

Cremona para fachadas
Cremona for curtain wall
Cremona para muro cortina
Cremona pour façade

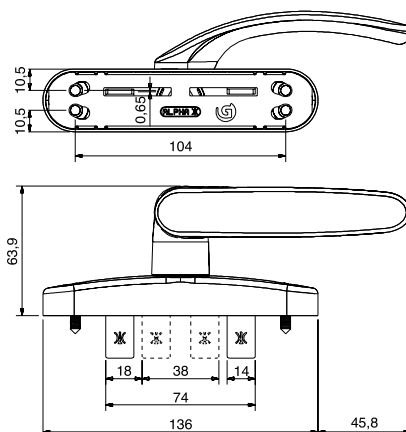
LINHA GLOBAL



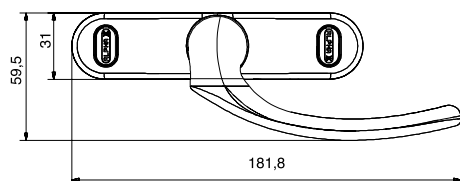
660
650



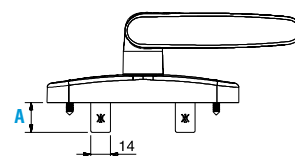
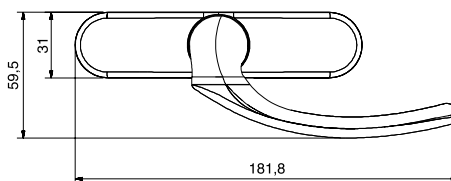
Mod. Dep.



650



660



Ref.	A (mm)
650/660	21
650M/660M	27
650L/660L	37

EMBALAGEM

Caixa com 12 unidades.
3200 grs. (650) 3500 grs. (660)

MATERIAIS

Alumínio, zamak, aço e inox

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-8

OBSERVAÇÕES

Cremona para fachadas

PACKAGING

Box with 12 units.
3200 grs. (650) 3500 grs. (660)

MATERIALS

Aluminium, zamak, steel and stainless steel

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 13126-8

COMMENTS

Cremona for curtain wall

EMPAQUETADO

Caja con 12 unidades.
3200 grs. (650) 3500 grs. (660)

MATERIALES

Aluminio, zamak, acero y acero inox

FIJACIÓN

Tomillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670, 13126-8

OBSERVACIONES

Cremona para muro cortina

EMBALLAGE

Boîte avec 12 unités.
3200 grs. (650) 3500 grs. (660)

MATÉRIELS

Aluminium, zamak, acier et acier inox

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

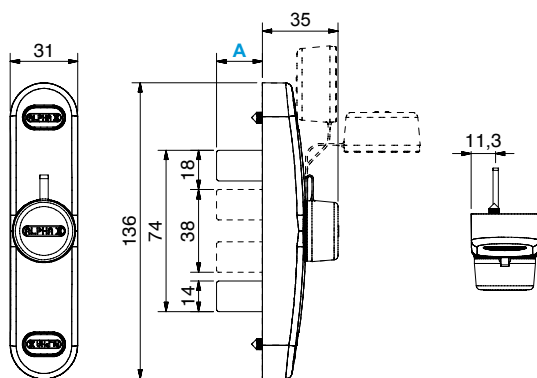
EN 1670, 13126-8

OBSERVATIONS

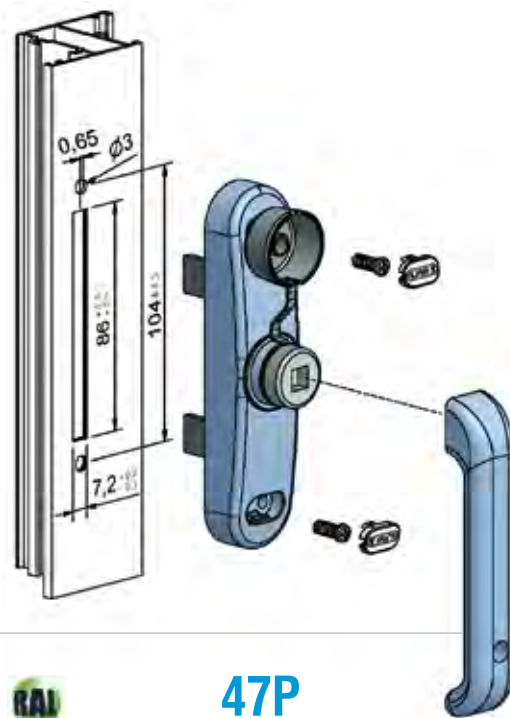
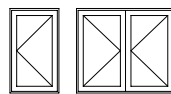
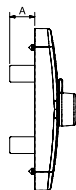
Cremona pour façade



Mod. Dep.



Ref.	A (mm)
670	21
670M	27
670L	37

**47P**

Punho / Handle / Manilla / Poignée

EMBALAGEMCaixa com 10 unidades.
760 grs.**MATERIAIS**

Alumínio injectado

EMPAQUETADOCaja com 10 unidades.
760 grs.**MATERIALES**

Aluminio de inyeccion

PACKAGINGBox with 10 units.
760 grs.**MATERIALS**

Die casting aluminum

EMBALLAGEBoîte avec 10 unités.
760 grs.**MATÉRIELS**

Aluminium injecté

EMBALAGEM

Caixa com 10 unidades. 2640 grs.

MATERIAIS

Zamak e inox

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Punho não incluído

PACKAGING

Box with 10 units. 2640 grs.

MATERIALS

Zamak and stainless steel

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Handle not included

EMPAQUETADO

Caja com 10 unidades. 2640 grs.

MATERIALES

Zamak e inox

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Maneta no incluído

EMBALLAGE

Boîte avec 10 unités. 2640 grs.

MATÉRIELS

Zamak et inox

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

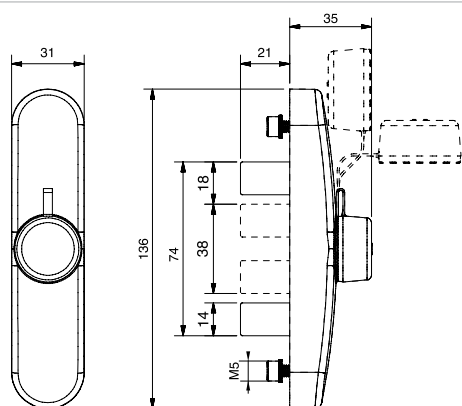
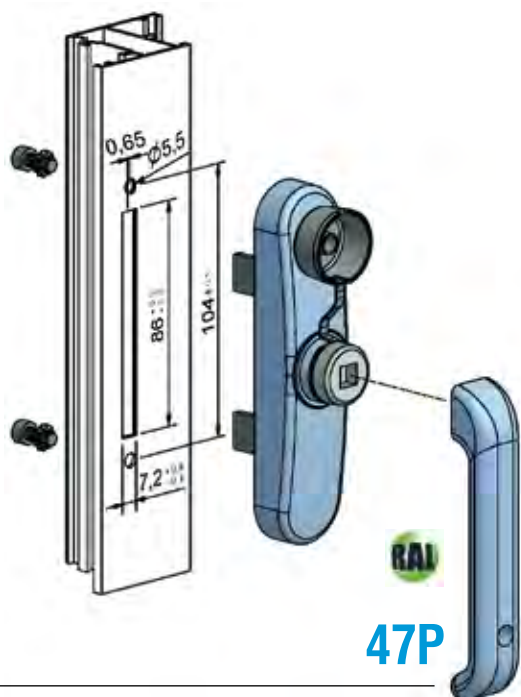
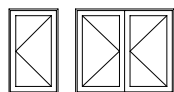
Poignée non inclus

Cremone de segurança **sem punho** para C. E.
 Security cremona **without handle** for E. G. series
 Cremona **sin maneta** para camara europea
 Cremone d'ouverture française **sans poignée** pour C. E.

LINHA GLOBAL

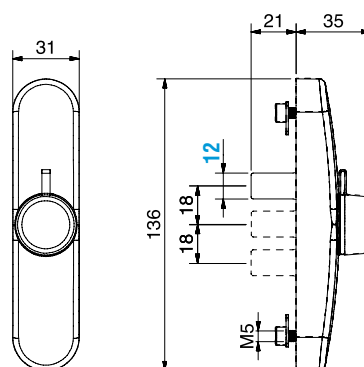


680



Mod. Dep.

685S



Compatível c/
OBG6 / OBG6+

EMBALAGEM

Caixa com 10 unidades. 2605 grs.

MATERIAIS

Zamak e inox

FIXAÇÃO

Parafusos unbrako (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Punho não incluído

PACKAGING

Box with 10 units. 2605 grs.

MATERIALS

Zamak and stainless steel

FIXING

Unbrako screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Handle not included

EMPAQUETADO

Caja con 10 unidades. 2605 grs.

MATERIALES

Zamak y acero inox

FIJACIÓN

Tornillos unbrako (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Maneta no incluida

EMBALLAGE

Boîte avec 10 unités. 2605 grs.

MATÉRIELS

Zamak et acier inox

FIXATION

Vis unbrako (compris)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

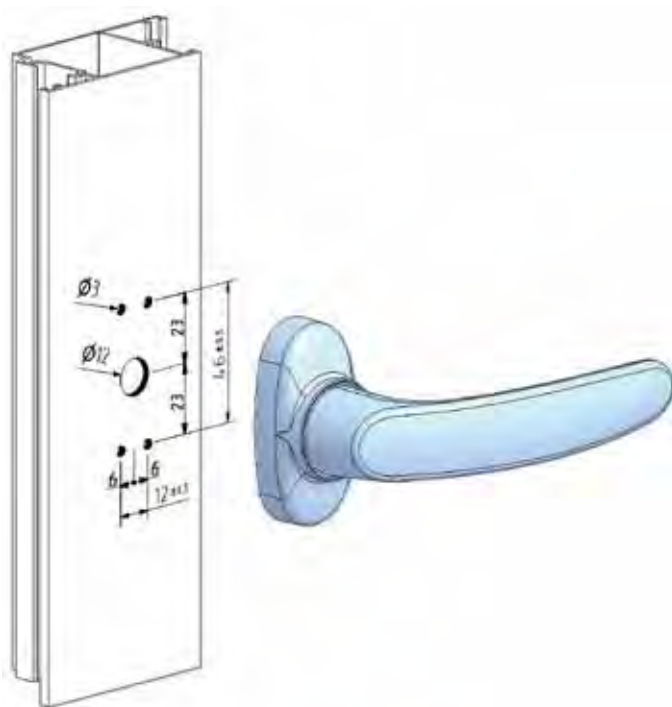
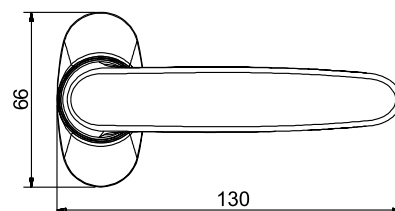
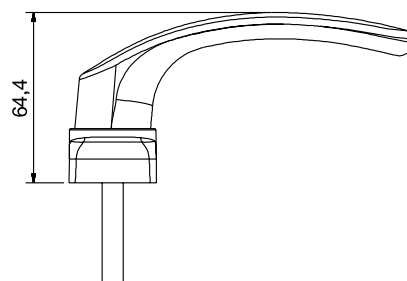
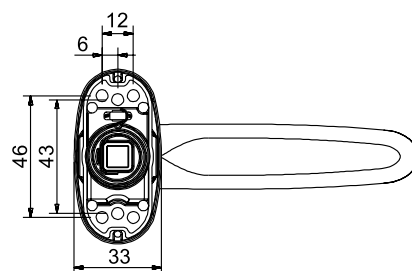
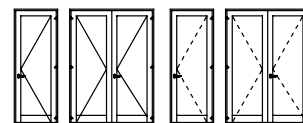
Poignée non inclus



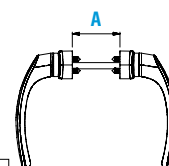
ALPHA



Mod. Dep.



Vergalhões / Squares Cuadrillos / Barreu



Ref.	A (mm)	Vergalhão
615	Max. 75	8x100
615P	Max. 55	1/4"x80

+ opções na pág. 126
+ options pag.126
+ opciones pag.126
+ Options pag.126

EMBALAGEM

Caixa com 12 pares. 5670 grs.

MATERIAIS

Alumínio, zamak e inox

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 1906

OBSERVAÇÕES

Vergalhão quadrado de 8 mm (incluído)

PACKAGING

Box with 12 pairs. 5670 grs

MATERIALS

Aluminium, zamak and stainless steel

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 1906

COMMENTS

8 mm square (included)

EMPAQUETADO

Caja con 12 juegos. 5670 grs.

MATERIALES

Alumínio, zamak y acero inox

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670, 1906

OBSERVACIONES

Cuadrillo de 8 mm (incluído)

EMBALLAGE

Boîte avec 12 paires. 5670 grs.

MATÉRIELS

Aluminium, zamak et acier inox

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

EN 1670, 1906

OBSERVATIONS

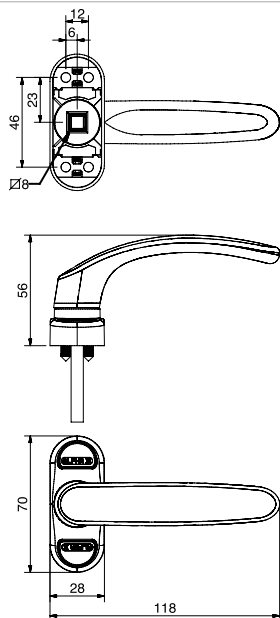
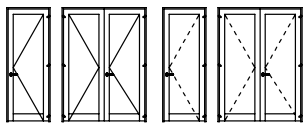
Barreau de 8 mm (compris)

Muleta com mola de recuperação
Spring-loaded handle for doors
 Manilla con muelle de recuperación
 Bequille avec ressort de récupération pour portes

LINHA GLOBAL

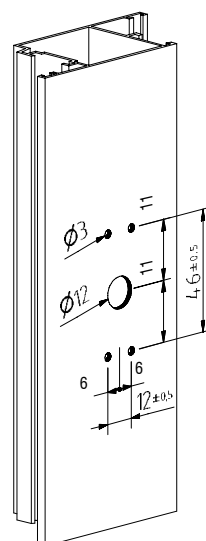


605T



Mod. Dep.

ALPHA

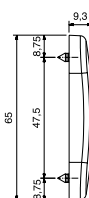
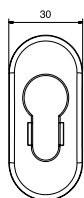


Cod 33042

Espelho para cilindro / Lock shield for cylinder
 Escudo para cilindro / Rosette pour cylindre



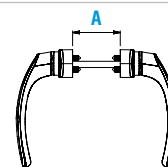
**Zamak
 e nylon
 reforçado**



Emb. 25un. gr/emb. 625 grs

**Vergalhões / Squares
 Cuadradillos / Barreu**

Ref.	A (mm)	Vergalhão ☑
605T	Max. 55	1/4"x80
605E	Max. 65	8x100



+ opções na pág. 126
 + options pag.126
 + opciones pag.126
 + Options pag.126

EMBALAGEM

Caixa com 6 pares. 2490 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Par de muletas com mola de recuperação para portas

PACKAGING

Box with 6 pairs. 2490 grs

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Double spring-loaded handle for doors

EMPAQUETADO

Caja con 6 juegos. 2490 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Manilla con muelle de recuperación para puertas

EMBALLAGE

Boîte avec 6 paires. 2490 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

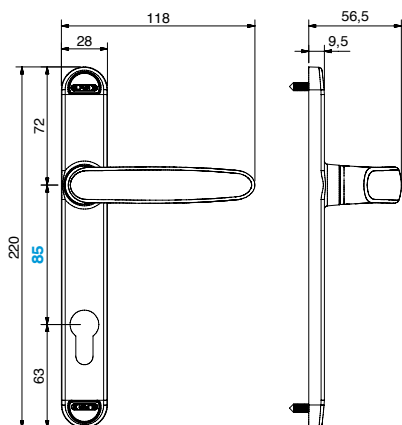
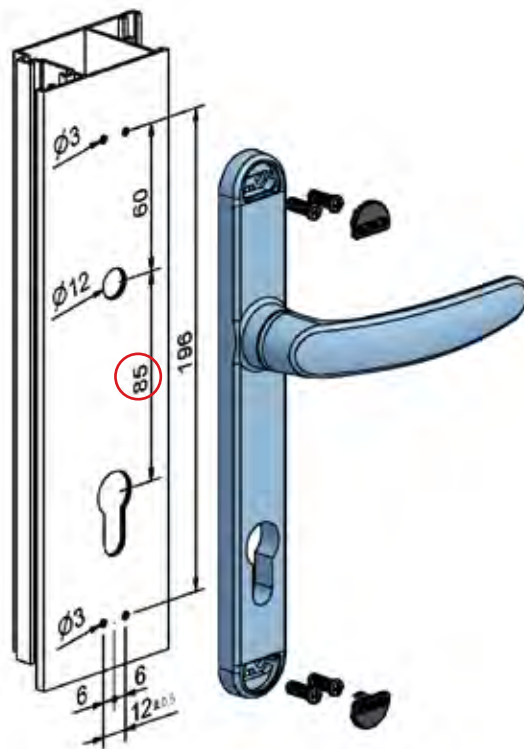
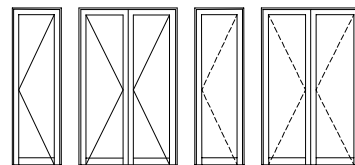
Béquille aux paires

Muleta com espelho comprido - cilindro **85 mm**Long mirror handle for doors - cylinder **85 mm**Manilla con espejo largo - cilindro **85 mm**Béquille avec miroir longue - cylindre **85 mm**

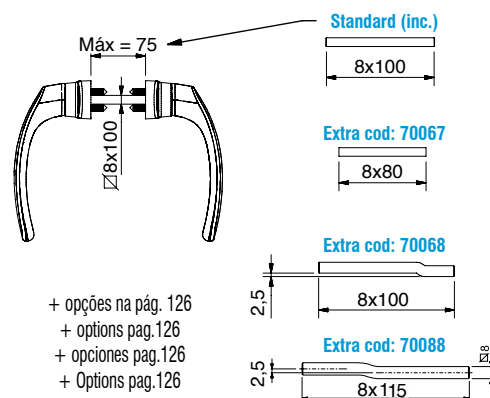
ALPHA



Mod. Dep.



Vergalhões / Squares Cuadradillos / Barreu



+ opções na pág. 126
+ options pag.126
+ opciones pag.126
+ Options pag.126

EMBALAGEM

Caja com 6 pares. 3020 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 1906

OBSERVAÇÕES

Vergalhão 8x100mm incluído

PACKAGING

Box with 6 pairs. 3020 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 1906

COMMENTS

8x100mm square included

EMPAQUETADO

Caja con 6 juegos. 3020 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670, 1906

OBSERVACIONES

Cuadradillo 8x100mm incluído

EMBALLAGE

Boîte avec 6 paires. 3020 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

EN 1670, 1906

OBSERVATIONS

Barreau 8x100mm compris

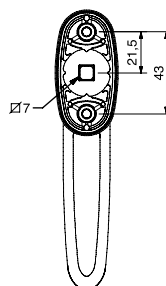
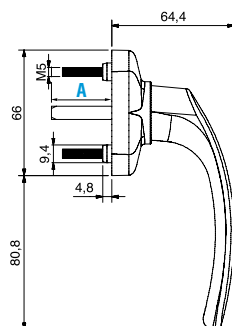
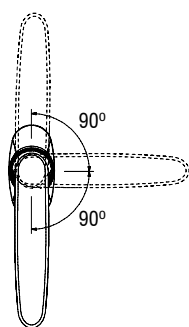
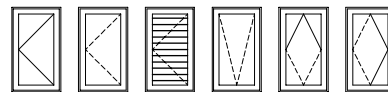
617T



ALPHA



Mod. Dep.



Ref.	A (mm)
608C	23
608	32
608L	60

EMBALAGEM

Caixa com 10 unidades. 2225 grs.

MATERIAIS

Poliacetel, alumínio e zamak

FIXAÇÃO

Parafusos em aço inox (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-1

OBSERVAÇÕES

Adapta-se a todo o tipo de portas e janelas

PACKAGING

Box with 10 units. 2225 grs.

MATERIALS

Poliacetel, aluminium and zamak

FIXING

Stainless steel screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 13126-1

COMMENTS

It is compatible with all kind of doors and windows, standard and ext. opening

EMPAQUETADO

Caja con 10 unidades. 2225 grs.

MATERIALES

Poliacetel, aluminio y zamak

FIJACIÓN

Tornillos de acero inox (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670, 13126-1

OBSERVACIONES

Se adapta a todo tipo de puertas y ventanas normales y apertura exterior

EMBALLAGE

Boîte avec 10 unités. 2225 grs.

MATÉRIELS

Poliacetel, aluminium et zamak

FIXATION

Vis acier inox (compris)

FINITIONS

Laqué

NORMATIF

EN 1670, 13126-1

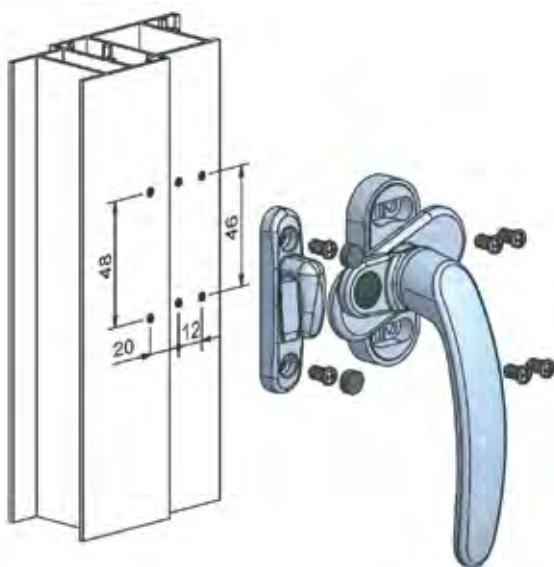
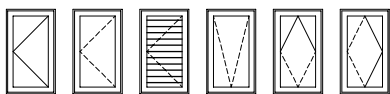
OBSERVATIONS

Adaptable à toutes variétés de fenêtres d'ouverture standard et extérieur

Cremone reversível de lingueta
Reversible closing handle
Cierre de presión
Poignée batteuse

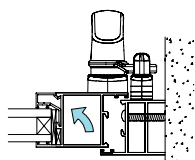
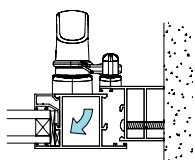
LINHA GLOBAL

607

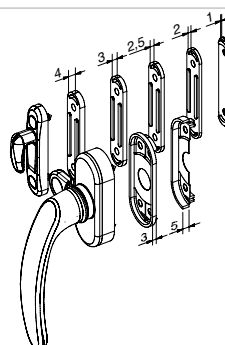
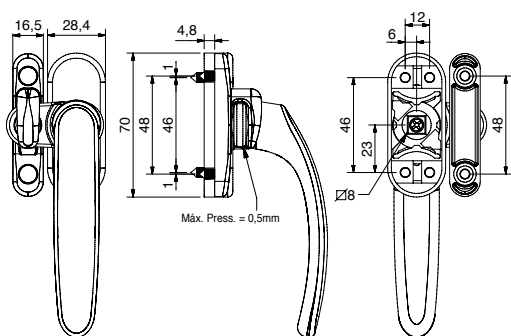


Abertura para o exterior / Outwards opening
Apertura al exterior / Ouverture vers l'extérieur

Abertura para o interior / Inside opening
Apertura al interior / Ouverture vers l'intérieur



Mod. Dep.



EMBALAGEM

Caixa com 10 unidades. 2660 grs.

MATERIAIS

Poliacetel, alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-1

OBSERVAÇÕES

Cremone de lingueta.
Reversível

PACKAGING

Box with 10 units. 2660 grs.

MATERIALS

Poliacetel, aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 13126-1

COMMENTS

Closing cremone.
Reversible

EMPAQUETADO

Caja con 10 unidades. 2660 grs.

MATERIALES

Poliacetel, aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670, 13126-1

OBSERVACIONES

Cierre de presión
Reversible

EMBALLAGE

Boîte avec 10 unités. 2660 grs.

MATÉRIELS

Poliacetel, aluminium et zamak

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

EN 1670, 13126-1

OBSERVATIONS

Poignée batteuse
Réversible

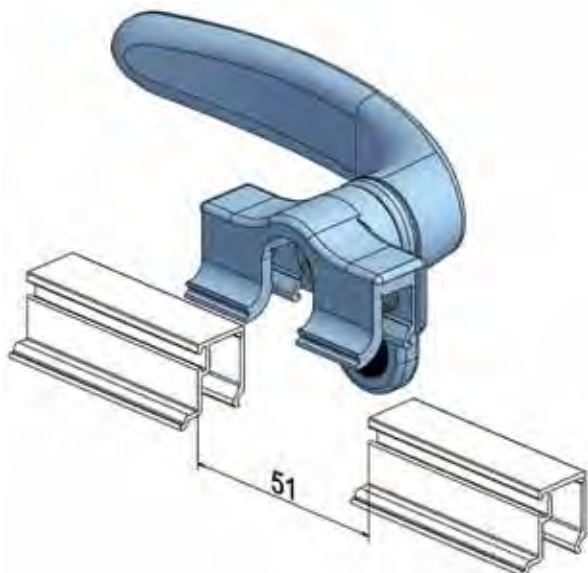
Cremone Maxim-ar reversível de lingueta
Maxim-ar reversible closing handle
Cierre Maxim-ar de presión
Poignée Maxim-ar batteuse

LINHA GLOBAL



606G
606S

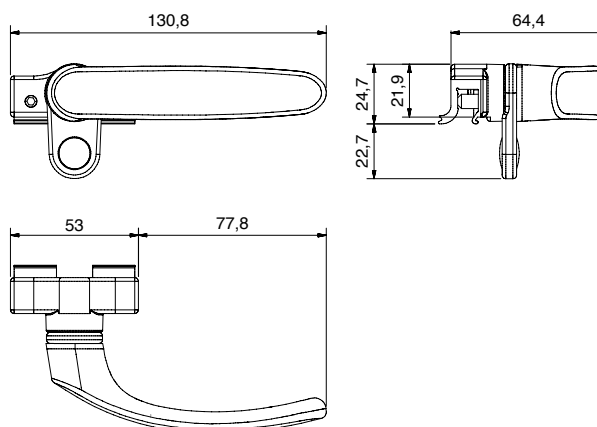
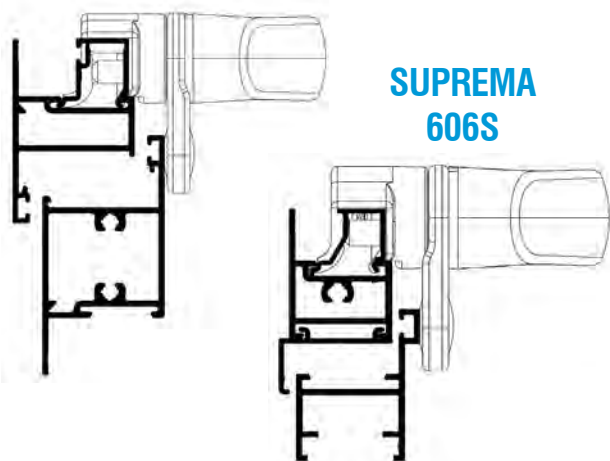
ALPHA



Mod. Dep.

GOLD
606G

SUPREMA
606S



EMBALAGEM

Caixa com 10 unidades.

MATERIAIS

Alumínio, zamak e poliacetal

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-8

OBSERVAÇÕES

Fixação frontal

PACKAGING

Box with 10 units.

MATERIALS

Aluminium, zamak and poliacetal

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 13126-8

COMMENTS

Frontal fixation

EMPAQUETADO

Caja con 10 unidades.

MATERIALES

Aluminio zamak y poliacetal

FIJACIÓN

Tomillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670, 13126-8

OBSERVACIONES

Fijación frontal

EMBALLAGE

Boîte avec 10 unités.

MATÉRIELS

Aluminium, zamak et poliacetal

FIXATION

Vis (compris)

FINITIONS

Laqué

NORMATIF

EN 1670, 13126-8

OBSERVATIONS

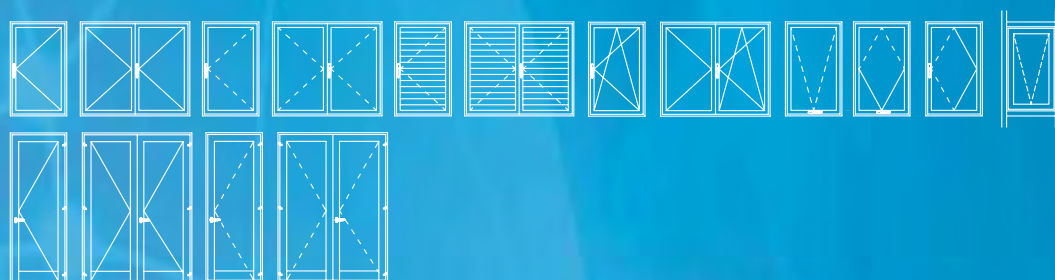
Fixation frontale





LINHA
MILLENIUM

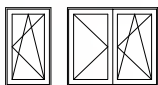
MILLENIUM LINE
LINEA MILLENIUM
LIGNE MILLENIUM



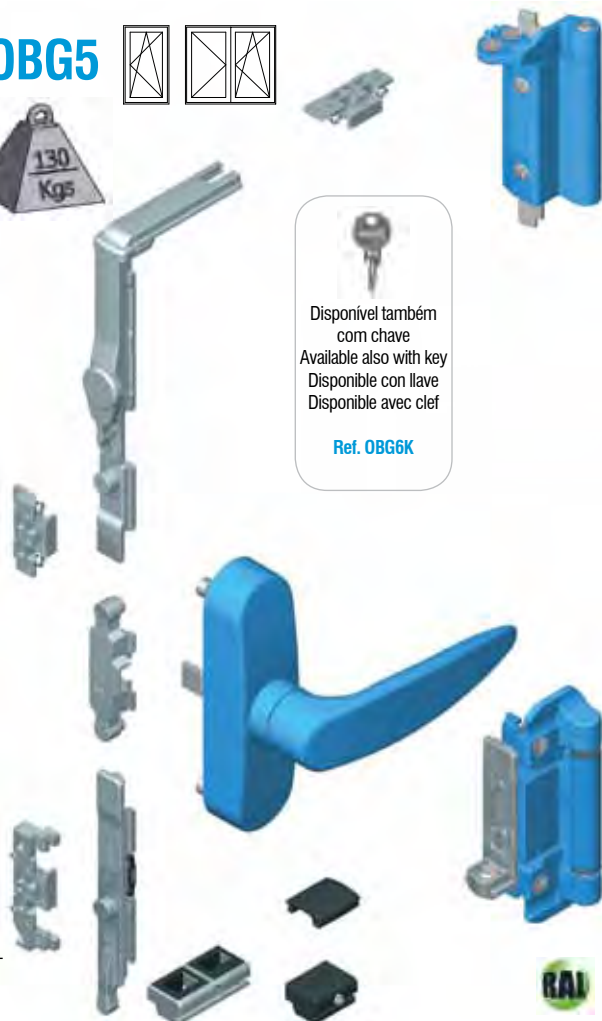
ALPHA®



OBG5

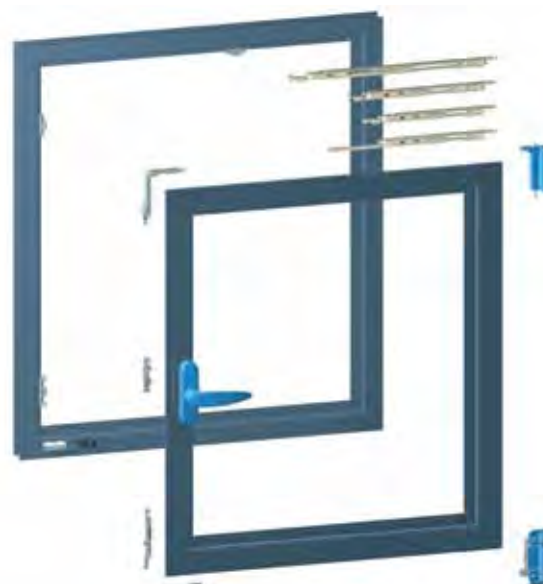
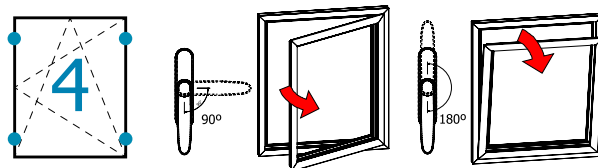


Mod. Dep.



Disponível também
 com chave
 Available also with key
 Disponible con llave
 Disponible avec clef

Ref. OBG6K



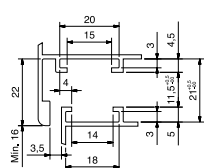
Peso Máx da folha móvel: # Leaf Max weight:
 # Peso Max de la hoja: # Poids Max du vantail:

130 Kgs

Altura # Height # Altura # Taille	2700	2600	2500	2400	2300	2200	2100	2000	1900	1800	1700	1600	1500	1400	1300	1200	1100	1000	900	800	700	600	500	400	300	200	100	0
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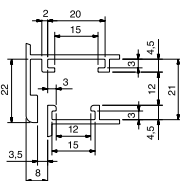
Largura # With # Ancho # Largeur

Os valores apresentados entre 5 e 48 representam a espessura máxima de vidro
 The values presented between 5 and 48 represent the maximum thickness of glass
 Los valores presentados entre 5 y 48 representan el espesor máximo de cristal
 Les valeurs présentées entre 5 et 48 représentent l'épaisseur maximale du verre
 X - Não realizável / Not possible / No puede realizarse / Irréalizable



OBG5

CÂMARA EUROPEIA
 EUROGROOVE PROFILE
 CHAMBRE EUROPÉENNE



OBG5 C10

EMBALAGEM

Caja com 1 unidade. 1280 grs.

MATERIAIS

Alumínio, zamak, nylon e inox

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-8

OBSERVAÇÕES

Kit oscilobatente C. E.

PACKAGING

Box with 1 unit. 1280 grs.

MATERIAIS

Aluminium, zamak, nylon and stainless steel

FIXING

Fast fixation in stainless steel

FINISHING

Powder painting

STANDARD

EN 1670, 13126-8

COMMENTS

Kit Tilt-turn E.G.

EMPAQUETADO

Caja con 1 unidade. 1280 grs.

MATERIALES

Aluminio, zamak, nylon y acero inox

FIJACIÓN

Fijación rápida en acero inox

ACABADOS

Lacado

NORMAS

EN 1670, 13126-8

OBSERVACIONES

Kit oscilobatiente C. E.

EMBALLAGE

Boîte avec 1 unité. 1280 grs.

MATÉRIELS

Aluminium, zamak, nylon et acero inox

FIXATION

Fixation rapide en acier inox

FINITIONS

Laqué

NORMATIF

EN 1670, 13126-8

OBSERVATIONS

Kit oscilobatant C.E.


Cód. 18228

Compasso - braço **micro** / Compass - **micro** arm
Compás - braço **micro** / Compas - bras **micro**

L mín 340mm **L máx** 430mm

Caixa 10 unidades. **Gr/emb.** 2210


Cód. 18224

Compasso - braço **mini** / Compass - **mini** arm
Compás - braço **mini** / Compas - bras **mini**

L mín 370mm **L máx** 550mm

Caixa 10 unidades. **Gr/emb.** 2140


Cód. 18217

Compasso - braço **pequeno** / Compass - **small** arm
Compás - braço **pequeno** / Compas - bras **corto**

L mín 435mm **L máx** 700mm

Caixa 10 unidades. **Gr/emb.** 2405


Cód. 18218

Compasso - braço **grande** / Compass - **big** arm
Compás - braço **grande** / Compas - bras **long**

L mín 563mm **L máx** 1000mm
1000 < **L** < 1200mm - **max.** 80 kg.

Caixa 10 unidades. **Gr/emb.** 3280


Cód. 18229 + 18218

Compasso **grande + suplementar** / **Big + Additional** compas
Compás **grande + suplementario** / Bras **long + supplémentaire**

1000 < **L** < 1700mm

Caixa 10 unidades. **Gr/emb.** 4185


EMBALAGEM

Caixa com 10 unidades.

MATERIAIS

Zamak e inox

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Zincado

PACKAGING

Box with 10 units.

MATERIALS

Zamak and stainless steel

FIXING

Fast fixation in stainless steel

FINISHING

Zinc


Kit suplementar

H/V Cód. 18220

CE14 / CE12

H/V Cód. 18256

CE10

EMBALAGEM

Caixa com 20 unidades. 2700 grs.

MATERIAIS

Zamak e inox

PACKAGING

Box with 20 units. 2700 grs.

MATERIALS

Zamak and stainless steel


Cód. 18222

CE14 / CE12

EMBALAGEM

Caixa com 50 unidades. 2500grs.

MATERIAIS

Zamak e inox

Cód. 18255

CE10

PACKAGING

Box with 50 units. 2500 grs.

MATERIALS

Nylon and stainless steel

Dobradiças 2ª folha / Passive leaf hinges
Bisagras de 2ª folha passiva / Paumelles p/ feuille passive


Cód. OBG2

CE14 / CE12 / CE10


EMBALAGEM

Caixa com 5 unidades. 2350gr

MATERIAIS

Alumínio zamak e inox

PACKAGING

Box with 5 units. 2350grs.

MATERIALS

Aluminium, zamak and stainless steel

EMPAQUETADO

Caja con 5 unids. 2350grs.

MATERIALES

Aluminio, zamak y acero inox

EMBALLAGE

Boîte avec 5 unités. 2350grs.

MATÉRIELES

Aluminium, zamak et acier inox

Fechos de 2ª folha Zamak / Passive leaf locks Zamak
Pasadores de hoja pasiva Zamak / Verroux feuille passive

Cód. 18219

CE14


EMBALAGEM

Caixa com 5 unidades. 2100grs.

MATERIAIS

Zamak e inox

EMPAQUETADO

Caja con 5 unids. 2100 grs.

MATERIALES

Zamak e inox

PACKAGING

Box with 5 units. 2100grs.

MATERIALS

Zamak and stainless steel

EMBALLAGE

Boîte avec 5 unités. 2100 grs.

MATÉRIELES

Zamak et acier inox

Fechos de 2ª folha alumínio / Passive leaf locks Aluminium
Pasadores de hoja pasiva Aluminio / Verroux feuille passive

Cód. 9310

CE14 / CE12 / CE10


EMBALAGEM

Caixa com 1 unidade. 100grs.

MATERIAIS

Alumínio, zamak e inox

EMPAQUETADO

Caja con 1 unidade. 100 grs.

MATERIALES

Aluminio, zamak e inox

PACKAGING

Box with 1 unit. 100grs.

MATERIALS

Aluminium, zamak and stainless steel

EMBALLAGE

Boîte avec 1 unité. 100 grs.

MATÉRIELES

Aluminium, zamak et acier inox

Cód. 18230

CE14 / CE12

EMBALAGEM

Caixa com 50 unidades. 1265grs.

MATERIAIS

Zamak e inox

PACKAGING

Box with 50 units. 1265grs.

MATERIALS

Zamak and stainless steel

Cód. 18221

CE14 / CE12 / CE10

EMBALAGEM

Caixa com 50 unidades. 550 grs.

MATERIAIS

Nylon e inox

PACKAGING

Box with 50 units. 550grs.

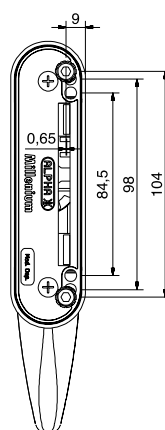
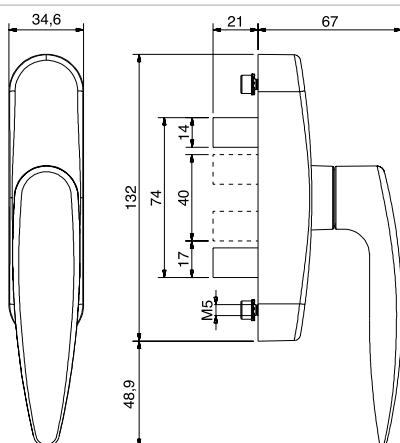
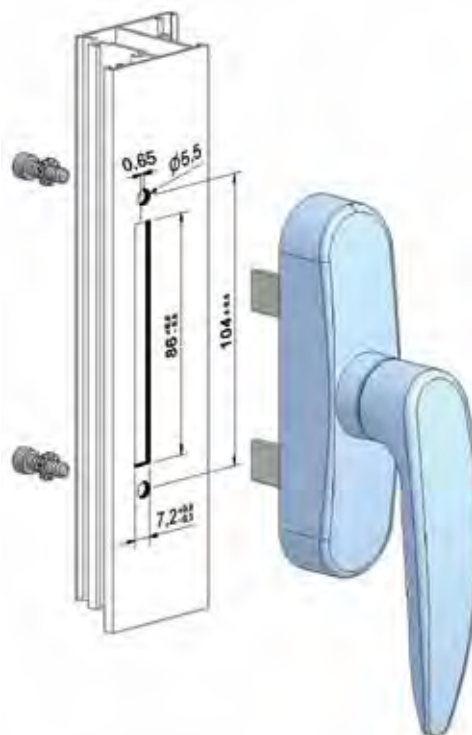
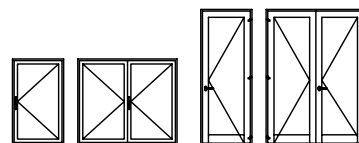
MATERIALS

Nylon and stainless steel

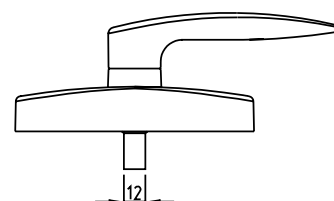




Mod. Dep.



545S

**EMBALAGEM**

Caixa com 8 unidades. 4140 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço inox (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Reversível. Fixação posterior própria p/ C.E.

PACKAGING

Box with 8 units. 4140 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless steel screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Rotative and reversible cremona with fixation on the back

EMPAQUETADO

Caja con 8 unidades. 4140 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos unbrako de acero inox (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cremona rotativa reversible. Fijación posterior para series C.E.

EMBALLAGE

Boîte avec 8 unités. 4140 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

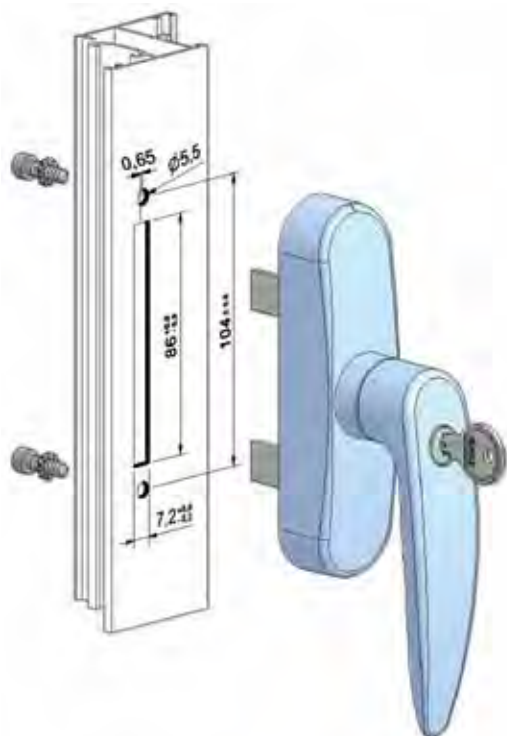
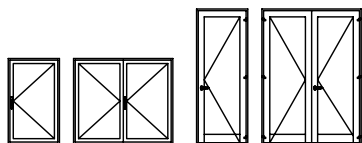
Cremone d'ouverture française pour C.E. avec fixation postérieur

Cremone **c/ fechadura**
 Cremone **with cylinder**
 Cremona **con cerradura**
 Cremone **avec serrure**

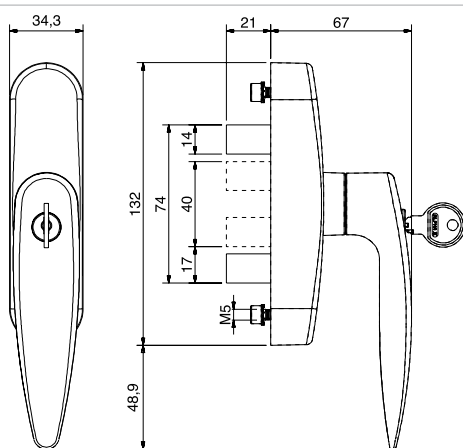
LINHA MILLENIUM



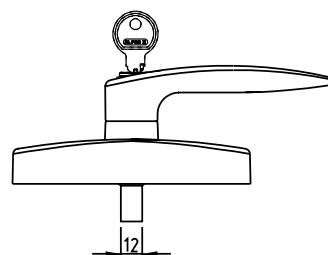
540K



Mod. Dep.



545SK



EMBALAGEM

Caixa com 8 unidades. 6830 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço inox (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cilindro de segurança. Fixação posterior própria p/ C.E.

PACKAGING

Box with 8 units. 6830 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless steel screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Security cylinder with fixation on the back E. C.

EMPAQUETADO

Caja con 8 unidades. 6830 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tomillos unbrako de acero inox (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cilindro de seguridad. Fijación posterior para series C.E.

EMBALLAGE

Boîte avec 8 unités. 6830 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox (inclus)

FINITIONS

Laqué

NORMATIF

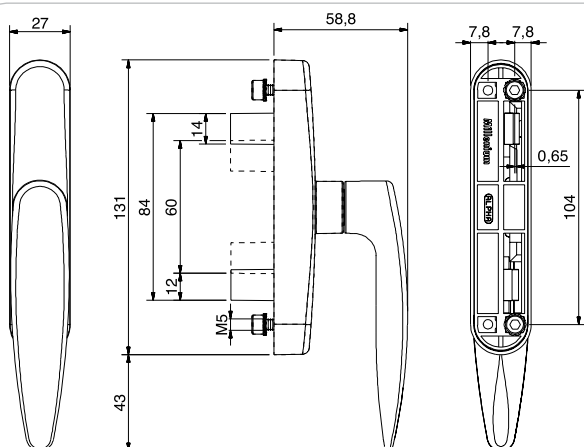
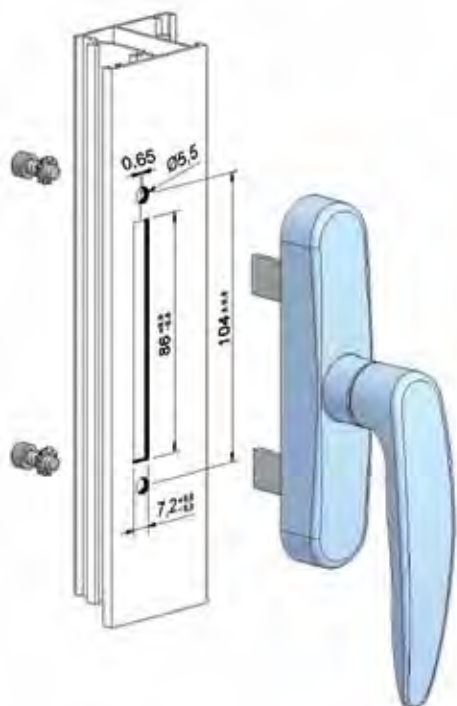
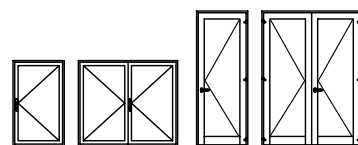
EN 1670

OBSERVATIONS

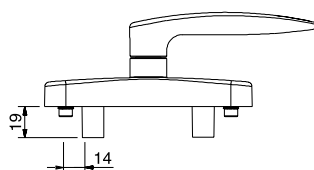
Cylindre de sécurité. Fixation postérieure C.E.



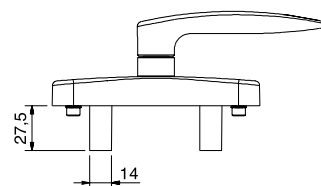
Mod. Dep.



520



520L

**EMBALAGEM**

Caja com 10 unidades. 4020 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço inox (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-8

OBSERVAÇÕES

Fixação posterior própria p/ séries C. E.

PACKAGING

Box with 10 units. 4020 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless steel screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 13126-8

COMMENTS

Fixation on the back for E.C.

EMPAQUETADO

Caja con 10 unidades. 4020 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos unbrako de acero inox (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670, 13126-8

OBSERVACIONES

Fijación posterior para series C. E.

EMBALLAGE

Boîte avec 10 unités. 4020 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670, 13126-8

OBSERVATIONS

Fixation postérieure pour C. E.

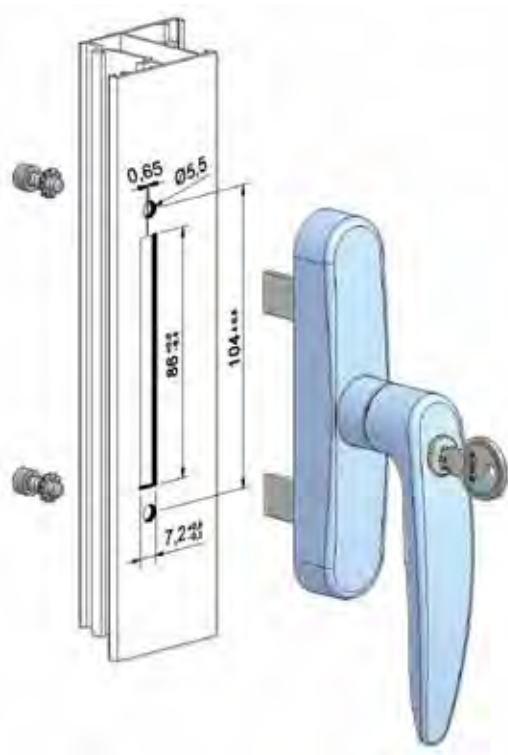
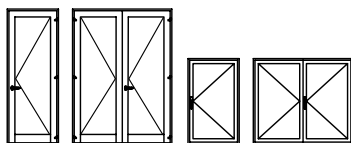
Cremone rotativa **reversível** para C. E. c/ cilindro
 Rotative cremona **with** cylinder for E. G. series
 Cremona rotativa para camara europea **con cerrador**
 Cremone d'ouverture française **avec serrure**

LINHA MILLENIUM

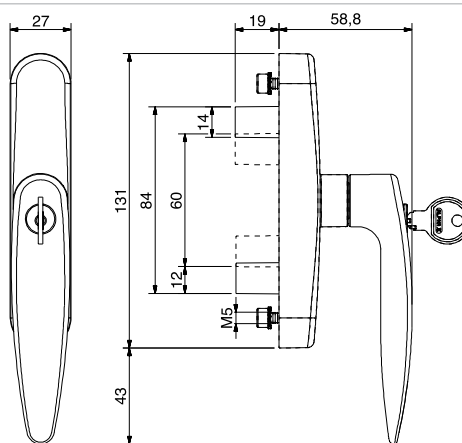


520K

ALPHA



Mod. Dep.



EMBALAGEM

Caixa com 10 unidades. 4750 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço inox (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cilindro de segurança e fixação posterior C. E.

PACKAGING

Box with 10 units. 4750 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless steel screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Security cylinder. Fixation on the back for E.C.

EMPAQUETADO

Caja con 10 unidades. 4750 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos unbrako de acero inox (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cilindro de seguridad. Fijación posterior para series de camara europea

EMBALLAGE

Boîte avec 10 unités. 4750 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox (inclus)

FINITIONS

Laqué

NORMATIF

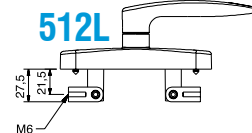
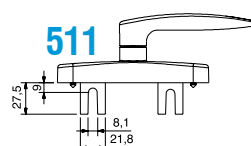
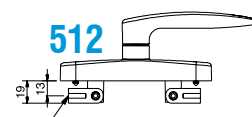
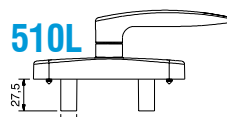
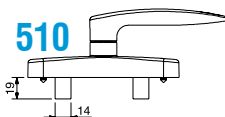
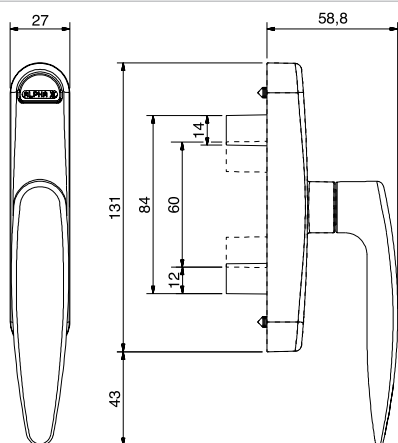
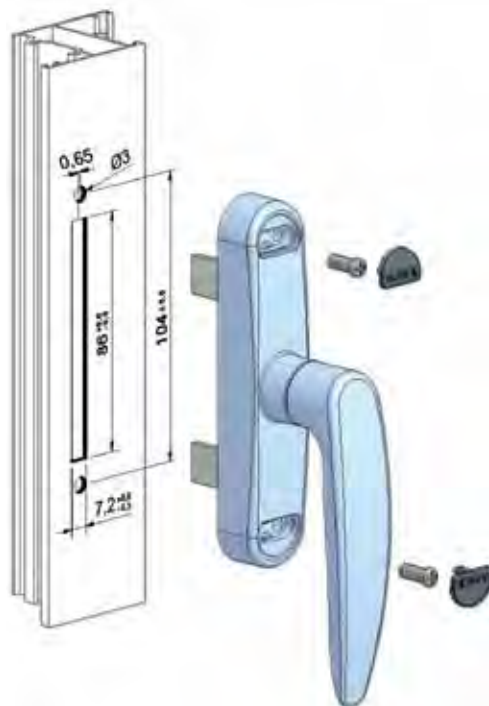
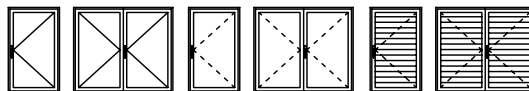
EN 1670

OBSERVATIONS

Cylindre de sécurité. Fixation postérieur pour C. E.



Mod. Dep.

**EMBALAGEM**

Caixa com 10 unidades. 3340 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação frontal

PACKAGING

Box with 10 units. 3340 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Frontal fixation

EMPAQUETADO

Caja con 10 unidades. 3340 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Fijación frontal

EMBALLAGE

Boîte avec 10 unités. 3340 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Fixation frontale

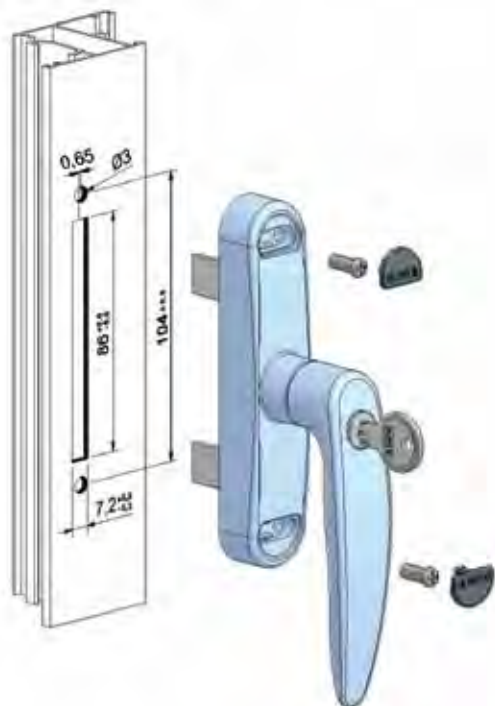
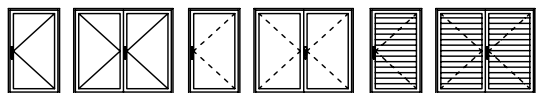
Cremone **com fechadura** de fixação frontal
 Cremone **with cylinder** and frontal fixation
 Cremona **con cerradura** y fijación frontal
 Cremone **avec serrure** et fixation frontale

LINHA MILLENIUM

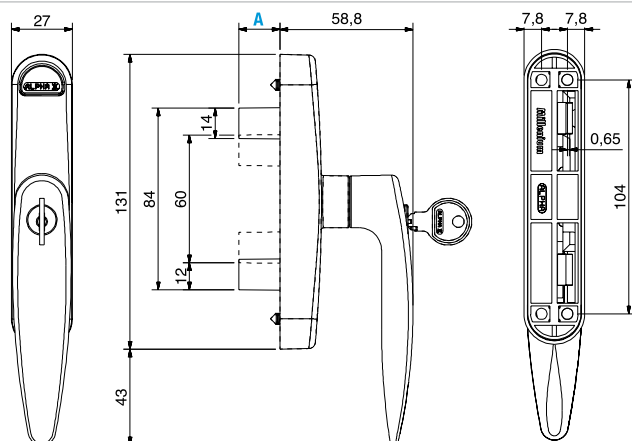


510K

ALPHA



Mod. Dep.



Ref.	A (mm)
510K	19
510LK	27,5

EMBALAGEM

Caixa com 10 unidades. 4580 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cilindro de segurança e fixação frontal

PACKAGING

Box with 10 units. 4580 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Security cylinder with frontal fixation

EMPAQUETADO

Caja con 10 unidades. 4580 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cilindro de seguridad on fijación frontal

EMBALLAGE

Boîte avec 10 unités. 4580 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué

NORMATIF

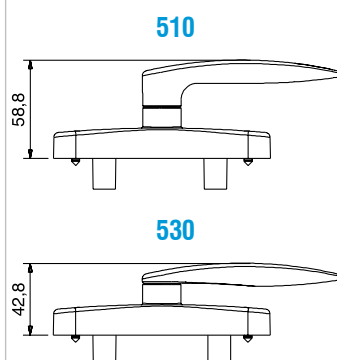
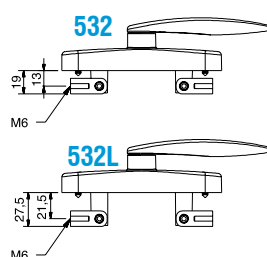
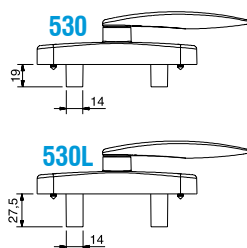
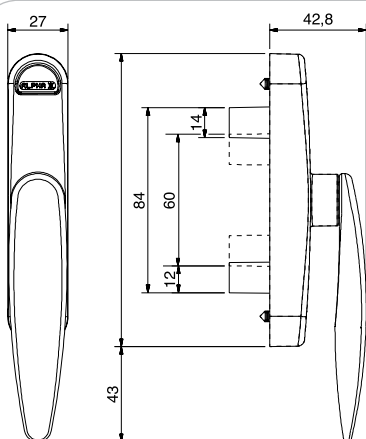
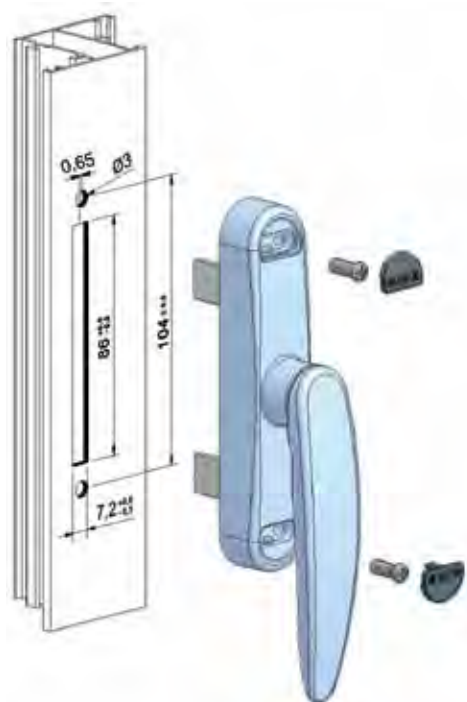
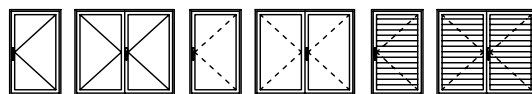
EN 1670

OBSERVATIONS

Cylindre de sécurité avec fixation frontale



Mod. Dep.

**EMBALAGEM**

Caixa com 10 unidades. 3025 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-8

OBSERVAÇÕES

Cremone baixa. Fixação frontal

PACKAGING

Box with 10 units. 3025 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 13126-8

COMMENTS

Low Cremona. Frontal fixation

EMPAQUETADO

Caja con 10 unidades. 3025 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670, 13126-8

OBSERVACIONES

Cremona baja. Fijación frontal

EMBALLAGE

Boîte avec 10 unités. 3025 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670, 13126-8

OBSERVATIONS

Cremone basse. Fixation frontale

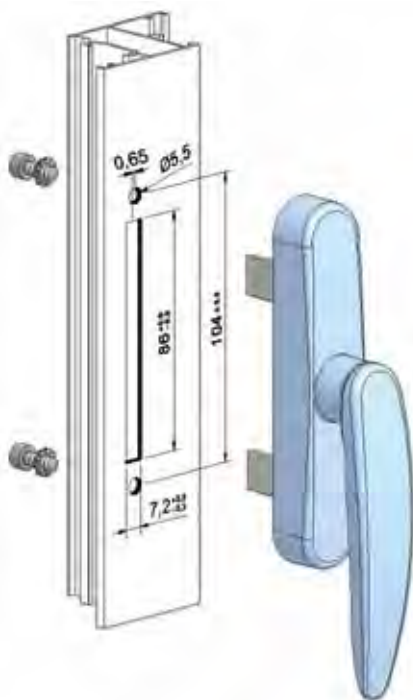
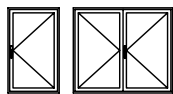
Cremone rotativa **baixa**, fixação posterior
Lows rotative cremone, with fixation on the back
 Cremona rotativa **baja**, de fijación posterior
 Cremone rotatif **basse**, fixation postérieure

LINHA MILLENIUM

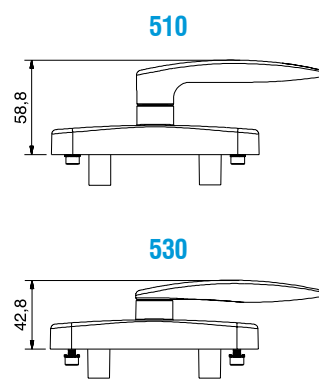
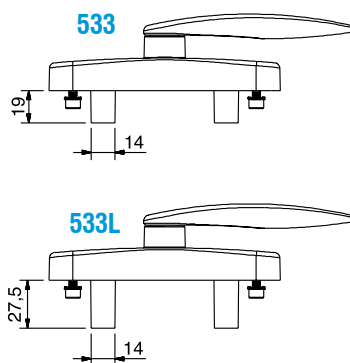
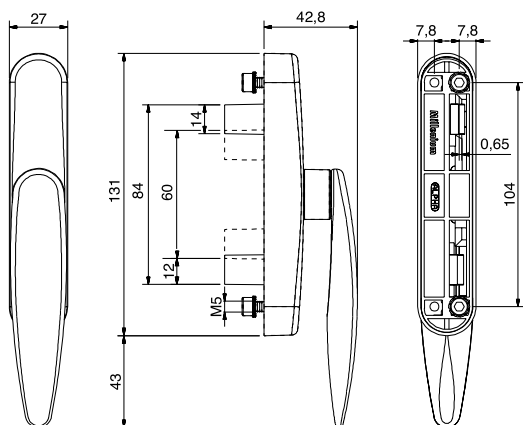


533

ALPHA



Mod. Dep.



EMBALAGEM

Caixa com 10 unidades. 3230 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço inox (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cremone baixa. Fixação posterior própria para C. E.

PACKAGING

Box with 10 units. 3230 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Low cremone with fixation on the back for E.C.

EMPAQUETADO

Caja con 10 unidades. 3230 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos unbrako de acero inox (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cremona baja con fijación posterior para series C. E.

EMBALLAGE

Boîte avec 10 unités. 3230 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Cremone basse avec fixation postérieure pour C.E.

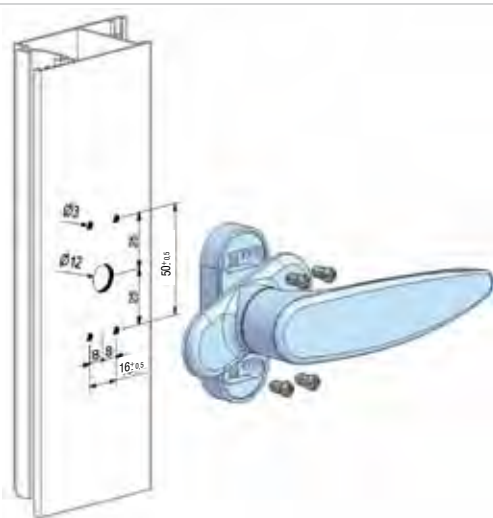
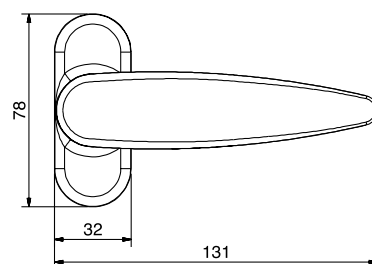
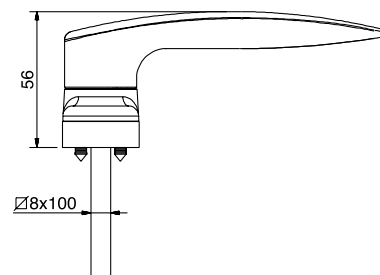
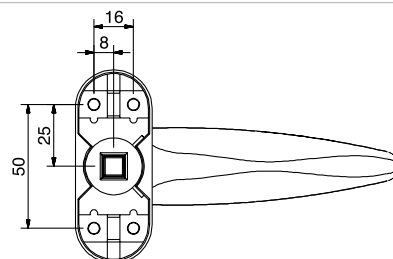
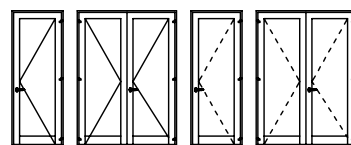


ALPHA

Mod. Dep.



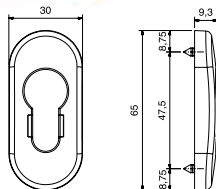
RAL

**Cod 33042**

Espelho para cilindro / Lock shield for cylinder
 Escudete para cilindro / Rosette pour cylindre



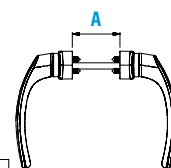
RAL



Zamak e nylon
 reforçado

Emb. 25 unid. gr/emb. 625 grs.

Vergalhões / Squares
Quadrillos / Barreu



Ref.	A (mm)	Vergalhão
515	Max. 75	8x100
515P	Max. 55	1/4"x80

+ opções na pág. 126
 + options pag.126
 + opciones pag.126
 + Options pag.126

EMBALAGEM

Caixa com 6 pares. 3660 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Par de muletas c/ mola de recuperação.
 Vergalhão quadrado de 8 mm (incluído)

PACKAGING

Box with 6 pairs. 3660 grs

MATERIALS

Aluminium and zamak

FIXING

Fixing screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Double spring-loaded handle for
 doors. 8 mm square (included)

EMPAQUETADO

Caja con 6 juegos. 3660 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Manilla con muelle de recuperación p/
 puertas. Cuadrillo de 8 mm (incluído)

EMBALLAGE

Boîte au 6 pairs. 3660 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

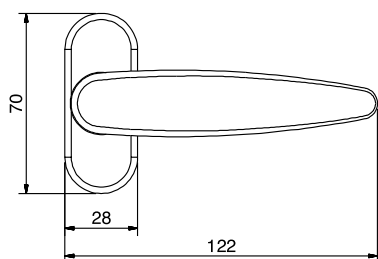
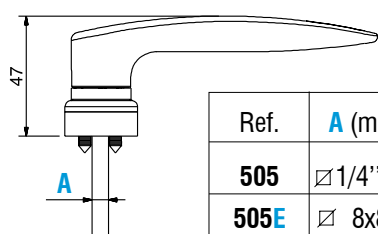
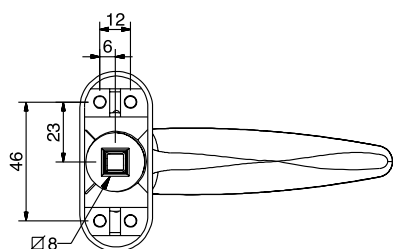
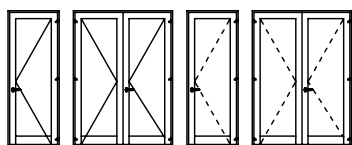
Béquille aux pairs. Barreau de 8 mm
 (inclus)

Muleta com mola de recuperação
Spring-loaded handle for doors
 Manilla con muelle de recuperación
 Bequille avec ressort de récupération pour portes

LINHA MILLENIUM



505

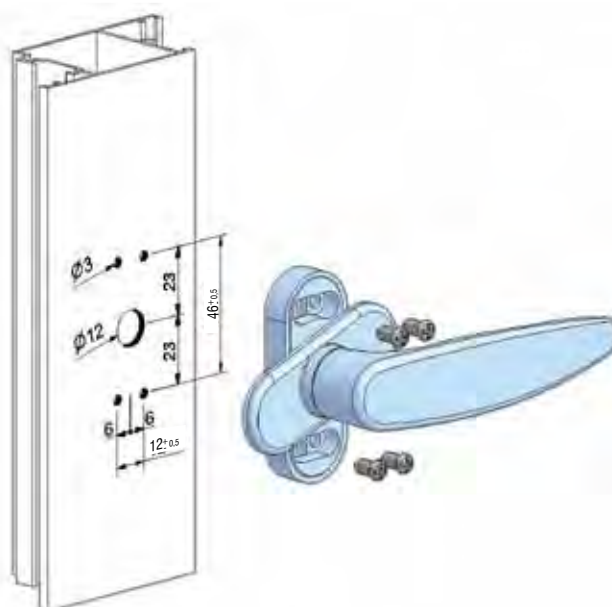


Ref.	A (mm)
505	1/4"x80
505E	8x80

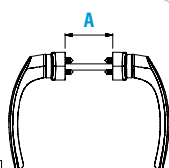


RAI

Mod. Dep.



Vergalhões / Squares Cuadrillos / Barreu



Ref.	A (mm)	Vergalhão
505	Max. 75	8x100
505P	Max. 55	1/4"x80

+ opções na pág. 126
 + options pag. 126
 + opciones pag. 126
 + Options pag. 126



RAI

Mod. Dep.



505T

EMBALAGEM

Caixa com 6 pares. 2525 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Par de muletas c/ mola de recuperação. Verg. quadrado de 6,35 mm (505) 8mm (505E), incluído

PACKAGING

Box with 6 pairs. 2525 grs

MATERIALES

Aluminium and zamak

FIXING

Fixing screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Double spring-loaded handle for doors. 6,35mm (505) 8mm (505E) square included

EMPAQUETADO

Caja con 6 juegos. 2525 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Manilla con muelle de recuperación p/ puertas. Cuadrillo de 6,35mm (505) 8mm (505E) incluído

EMBALLAGE

Boîte au 6 pairs. 2525 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué

NORMATIF

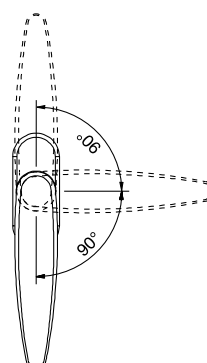
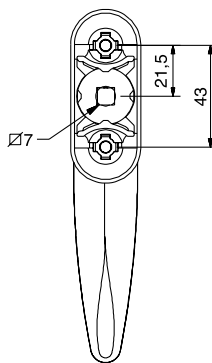
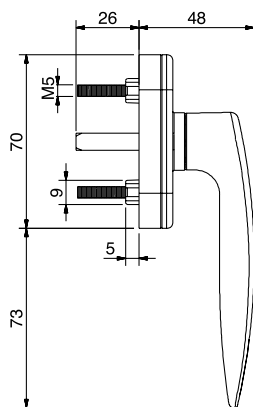
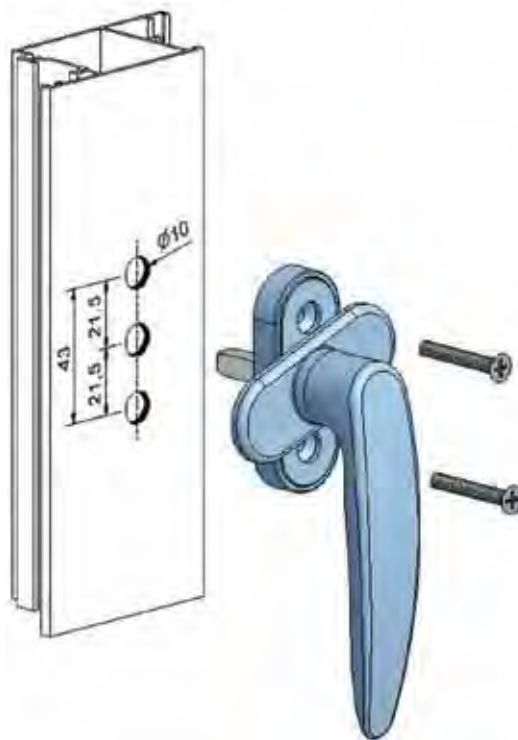
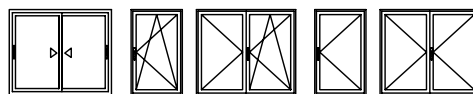
EN 1670

OBSERVATIONS

Béquille aux pairs. Barreau 6,35mm (505) 8mm (505E) (inclus)



Mod. Dep.

**EMBALAGEM**

Caixa com 10 unidades. 1900 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos em aço inox (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-8

OBSERVAÇÕES

Adapta-se a todo o tipo de portas e janelas

PACKAGING

Box with 10 units. 1900 grs.

MATERIALS

Aluminium and zamak

FIXING

Stainless steel screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 13126-8

COMMENTS

It is compatible with all kinds of doors and windows, standard and exterior opening

EMPAQUETADO

Caja con 10 unidades. 1900 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos de acero inox (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670, 13126-8

OBSERVACIONES

Se adapta a todo tipo de puertas y ventanas practicables normales y apertura exterior

EMBALLAGE

Boîte avec 10 unités. 1900 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis acier inox (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670, 13126-8

OBSERVATIONS

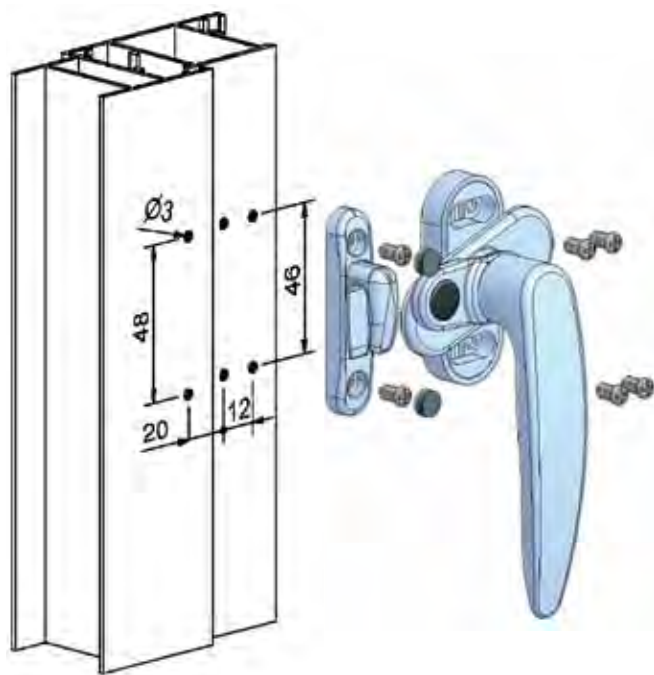
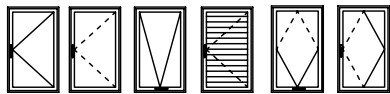
Adaptable à toutes les variétés de fenêtres d'ouverture standard et extérieur

Cremone reversível de lingueta
Reversible closing handle
Cierre de presión reversible
Poignée batteuse réversible

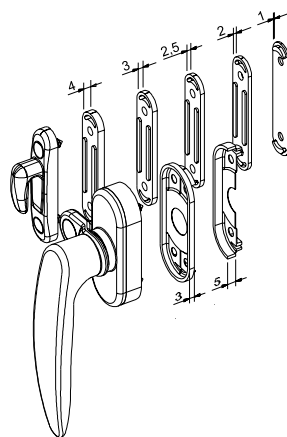
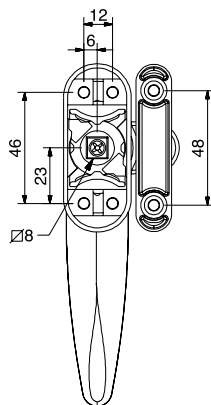
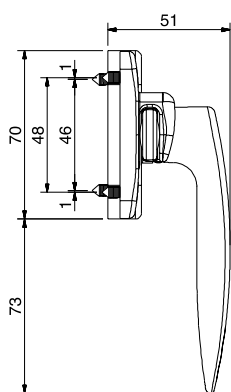
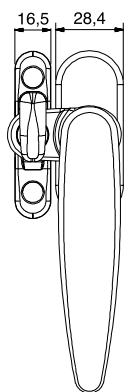
LINHA MILLENIUM



507



Mod. Dep.



EMBALAGEM

Caixa com 10 unidades. 2890 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos e calços (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Reversível

PACKAGING

Box with 10 units. 2890 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws and wedge (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Reversible

EMPAQUETADO

Caja con 10 unidades. 2890 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos y suplementos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Reversible

EMBALLAGE

Boîte avec 10 unités. 2890 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis et cales (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Réversible

507K



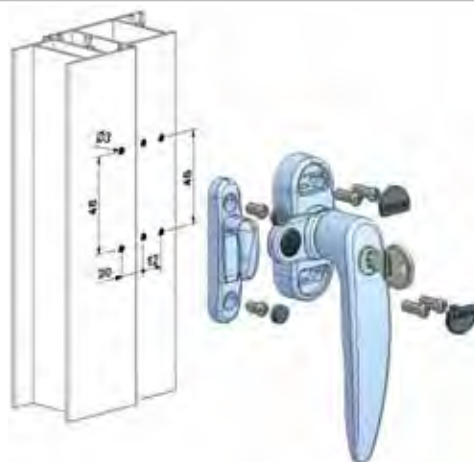
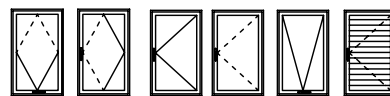
LINHA MILLENIUM

Cremona reversível de lingueta **com chave**
 Reversible closing handle **with key**
 Cierre reversible de presión **con llave**
 Poignée bateuse réversible **avec clef**

ALPHA

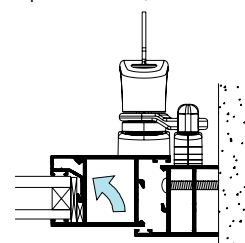
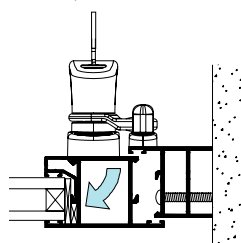


Mod. Dep.



Abertura para o exterior / Outwards opening
 Apertura al exterior / Ouverture vers l'extérieur

Abertura para o interior / Inside opening
 Apertura al interior / Ouverture vers l'intérieur



507T

Cremona reversível de lingueta / Reversible closing handle
 Cierre de presión reversible / Poignée bateuse réversible

**EMBALAGEM**

Caja com 10 unidades. 2800 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos e calços (incluídos)

EMPAQUETADO

Caja con 10 unidades. 2800 grs.

MATERIALES

Aluminio y zamak

FIJACION

Tornillos y suplementos (incluídos)

PACKAGING

Box with 10 units. 2800 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws and wedge (included)

EMBALLAGE

Boîteau avec 10 unités. 2800 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis et cales (compris)

EMBALAGEM

Caja com 10 unidades. 4200 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos e calços (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cremona reversível de lingueta, com chave

PACKAGING

Box with 10 units. 4200 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws and wedge (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Reversible closing cremona with security cylinder

EMPAQUETADO

Caja con 10 unidades. 4200 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos y suplementos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cierre de presión reversible con cilindro de seguridad

EMBALLAGE

Boîte avec 10 unités. 4200 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis et cales (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

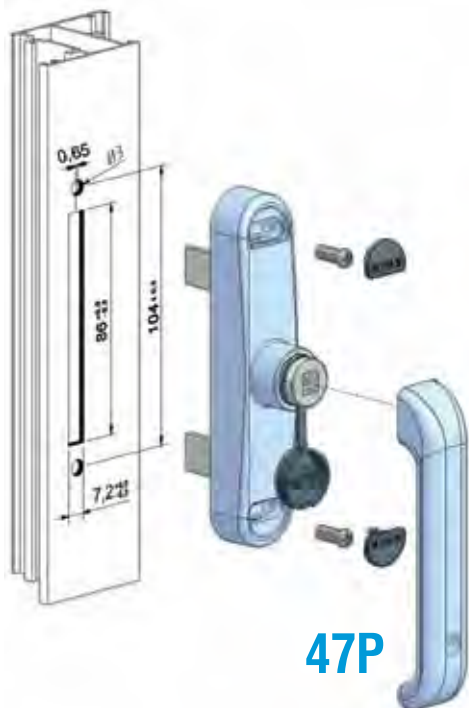
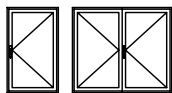
Poignée bateuse réversible avec cylindre de sécurité

Cremona de segurança **s/ punho c/ fixação frontal**
 Security cremona **without handle, with frontal fixation**
 Cremona rotativa **sin maneta de fijación frontal**
 Cremona d'ouverture française **sans poignée de fixation frontale**

LINHA MILLENIUM



570

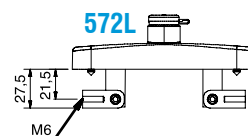
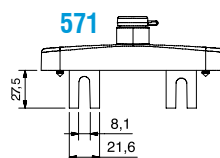
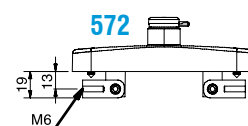
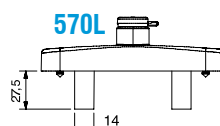
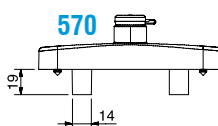
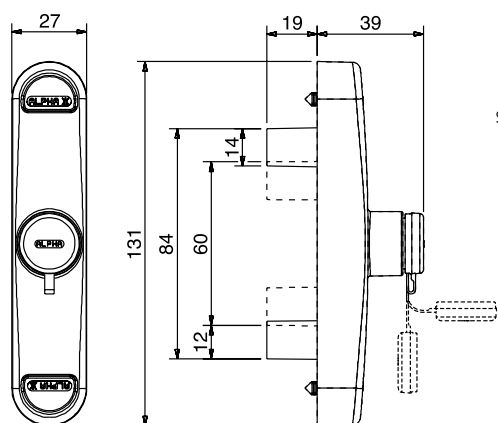


47P



Mod. Dep.

ALPHA



EMBALAGEM

Caixa com 10 unidades. 2510 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cremona rotativa. Fixação frontal.
Punho 47P não incluído

PACKAGING

Box with 10 units. 2510 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Rotative cremona. Frontal fixation.
Handle 47P not included

EMPAQUETADO

Caja con 10 unidades. 2510 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cremona rotativa. Fijación frontal.
Manilla 47P no incluida

EMBALLAGE

Boîte avec 10 unités. 2510 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué

NORMATIF

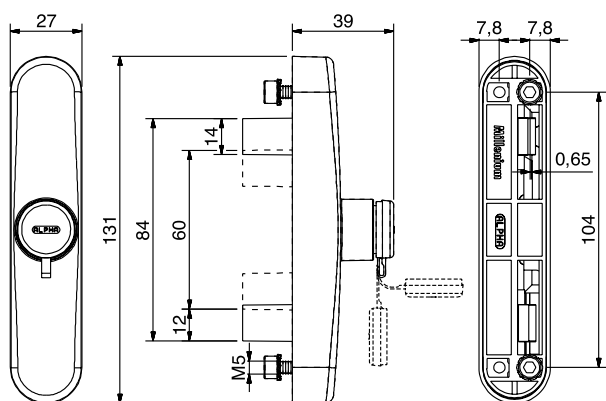
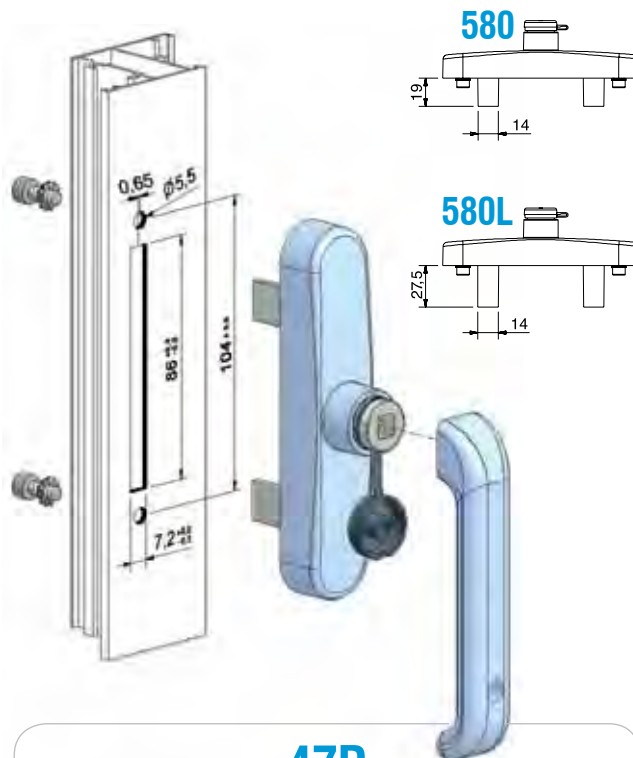
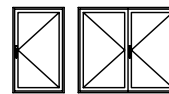
EN 1670

OBSERVATIONS

Cremona avec fixation frontal.
Poignée 47P pas inclus



Mod. Dep.



47P

Punho / Handle / Manilla / Poignée

EMBALAGEM

Caixa com 10 unidades.
760 grs.

MATERIAIS

Alumínio injectado

EMPAQUETADO

Caja con 10 unidades.
760 grs.

MATERIALES

Aluminio de inyeccion

PACKAGING

Box with 10 units.
760 grs.

MATERIALS

Die casting aluminium

EMBALLAGE

Boîte avec 10 unités.
760 grs.

MATÉRIELS

Aluminium injecté

EMBALAGEM

Caixa com 10 unidades. 2690 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cremona rotativa com fixação posterior.
Punho 47P não incluído

PACKAGING

Box with 10 units. 2690 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless steel screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Rotative and reversible cremona with fixation on the back. Handle 47P not included

EMPAQUETADO

Caja con 10 unidades. 2690 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos unbrako acero inox (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cremona rotativa reversible con fijación posterior. Manilla 47P no incluida

EMBALLAGE

Boîte avec 10 unités. 2690 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox (compris)

FINITIONS

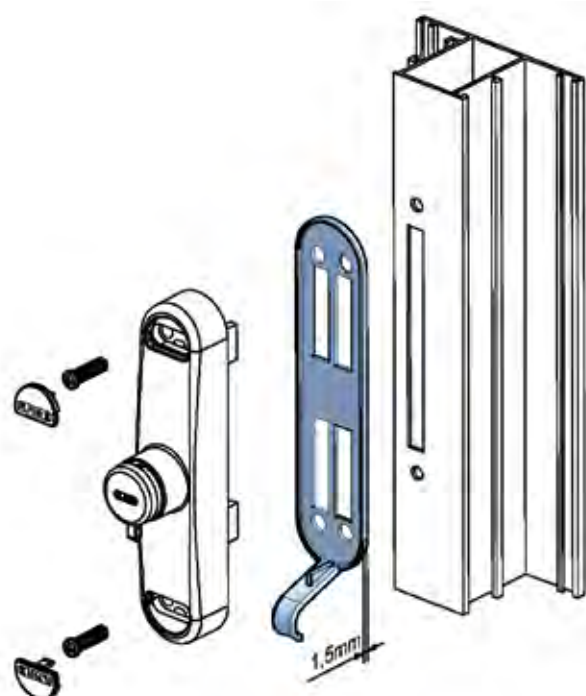
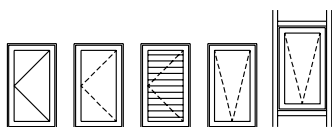
Laqué

NORMATIF

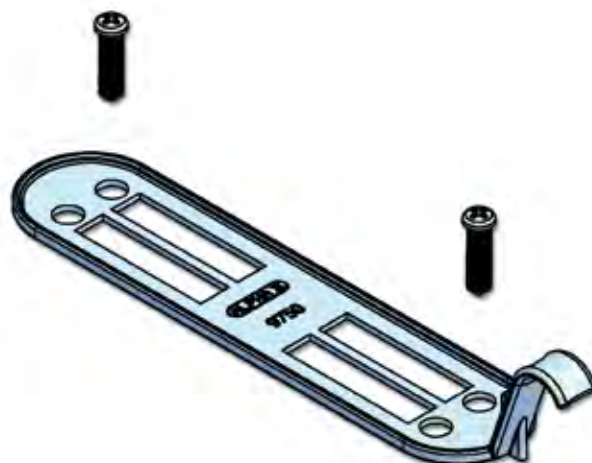
EN 1670

OBSERVATIONS

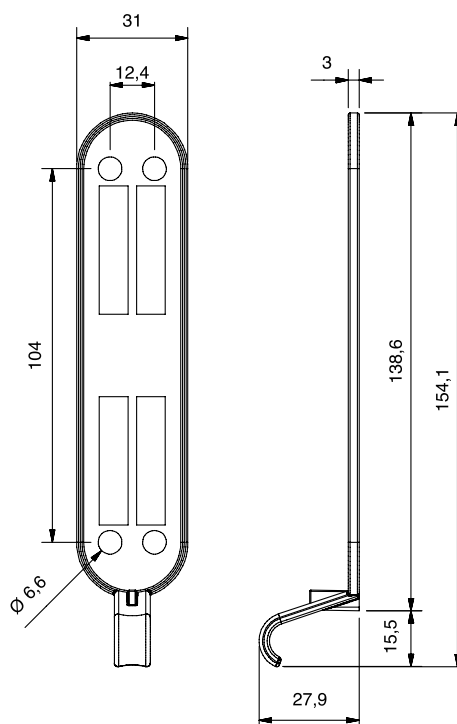
Cremona avec fixation postérieure. Poignée 47P pas inclus



Exemplo de aplicação e montagem
Application and mounting example
Ejemplo de aplicación y montaje
Exemple d'application et assemblée



Mod. Dep.



EMBALAGEM

Caixa com 50 unidades. 750 grs.

MATERIAIS

Nylon reforçado com fibra de vidro

FIXAÇÃO

Parafusos Ø4,2x22 zincados

ACABAMENTO

Preto

NORMAS

EN 1670

OBSERVAÇÕES

Cremone não incluída

PACKAGING

Box with 50 units. 750 grs.

MATERIALS

Nylon reinforced with fiberglass

FIXING

Zinc steel screws Ø4,2x22

FINISHING

Black

STANDARD

EN 1670

COMMENTS

Cremone not included

EMPAQUETADO

Caja con 50 unidades. 750 grs.

MATERIALES

Nylon reforzado con fibra de vidrio

FIJACIÓN

Tomillos de acero zinc Ø4,2x22

ACABADOS

Negro

NORMAS

EN 1670

OBSERVACIONES

Cremone no incluída

EMBALLAGE

Boîte avec 50 unités. 750 grs.

MATÉRIELS

Nylon renforcé avec fibre de verre

FIXATION

Vis en acier zinc Ø4,2x22

FINITIONS

Noir

NORMATIF

EN 1670

OBSERVATIONS

Cremone pas inclus





LINHA REFLEX PLUS

REFLEX PLUS LINE
LINEA REFLEX PLUS
LIGNE REFLEX PLUS




Cód. 18228

Compasso - braço **micro** / Compass - **micro** arm
Compás - braço **micro** / Compas - bras **micro**

L mín 340mm **L máx** 430mm

Caixa 10 unidades. **Gr/emb.** 2210


Cód. 18224

Compasso - braço **mini** / Compass - **mini** arm
Compás - braço **mini** / Compas - bras **mini**

L mín 370mm **L máx** 550mm

Caixa 10 unidades. **Gr/emb.** 2140


Cód. 18217

Compasso - braço **pequeno** / Compass - **small** arm
Compás - braço **pequeno** / Compas - bras **corto**

L mín 435mm **L máx** 700mm

Caixa 10 unidades. **Gr/emb.** 2405


Cód. 18218

Compasso - braço **grande** / Compass - **big** arm
Compás - braço **grande** / Compas - bras **long**

L mín 563mm **L máx** 1000mm
1000 < **L** < 1200mm - **max.** 80 kg.

Caixa 10 unidades. **Gr/emb.** 3280


Cód. 18229 + 18218

Compasso **grande** + **suplementar** / **Big** + **Additional** compas
Compás **grande** + **suplementario** / Bras **long** + **suplementaire**

1000 < **L** < 1700mm

Caixa 10 unidades. **Gr/emb.** 4185


EMBALAGEM

Caixa com 10 unidades.

MATERIAIS

Zamak e inox

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Zincado

PACKAGING

Box with 10 units.

MATERIALS

Zamak and stainless steel

FIXING

Fast fixation in stainless steel

FINISHING

Zinc

**Kit suplementar
H/V Cód. 18220**

CE14 / CE12

H/V Cód. 18256

CE10


EMBALAGEM

Caixa com 20 unidades. 2700 grs.

MATERIAIS

Zamak e inox

PACKAGING

Box with 20 units. 2700 grs.

MATERIALS

Zamak and stainless steel

**Cód. 18222
CE14 / CE12**

EMBALAGEM

Caixa com 50 unidades.
2500grs.

MATERIAIS

Zamak e inox

PACKAGING

Box with 50 units.
2500 grs.

MATERIALS

Nylon and stainless steel

**Cód. 18255
CE10**

**Dobradiças 2ª folha / Passive leaf hinges
Bisagras de 2ª hoja pasiva / Paumelles p/ feuille passive**

Cód. OBG2

CE14 / CE12 / CE10


EMBALAGEM

Caixa com 5 unidades. 2350gr

MATERIAIS

Alumínio zamak e inox

PACKAGING

Box with 5 units. 2350grs.

MATERIALS

Aluminium, zamak and stainless steel

EMPAQUETADO

Caja con 5 unids. 2350grs.

MATERIALES

Aluminio, zamak y acero inox

EMBALLAGE

Boîte avec 5 unités. 2350grs.

MATÉRIELES

Aluminium, zamak et acier inox

**Fechos de 2ª folha Zamak / Passive leaf locks Zamak
Pasadores de hoja pasiva Zamak / Verroux feuille passive**

Cód. 18219
EMBALAGEM

Caixa com 5 unidades.
2100grs.

MATERIAIS

Zamak e inox

EMPAQUETADO

Caja con 5 unids.
2100 grs.

MATERIALES

Zamak e inox

PACKAGING

Box with 5 units.
2100grs.

MATERIALS

Zamak and stainless steel

EMBALLAGE

Boîte avec 5 unités.
2100 grs.

MATÉRIELES

Zamak et acier inox

**Fechos de 2ª folha alumínio / Passive leaf locks Aluminium
Pasadores de hoja pasiva Aluminio / Verroux feuille passive**

Cód. 9310

CE14 / CE12 / CE10

EMBALAGEM

Caixa com 1 unidade.
100grs.

MATERIAIS

Alumínio, zamak e inox

EMPAQUETADO

Caja con 1 unidade. 100 grs.

MATERIALES

Aluminio, zamak e inox

PACKAGING

Box with 1 unit.
100grs.

MATERIALS

Aluminium, zamak and stainless steel

EMBALLAGE

Boîte avec 1 unité. 100 grs.

MATÉRIELES

Aluminium, zamak et acier inox

**Cód. 18230
CE14 / CE12**

EMBALAGEM

Caixa com 50 unidades. 1265grs.

MATERIAIS

Zamak e inox

PACKAGING

Box with 50 units. 1265grs.

MATERIALS

Zamak and stainless steel

EMPAQUETADO

Caja con 50 unidades. 1265grs.

**Cód. 18221
CE14 / CE12 / CE10**

EMBALAGEM

Caixa com 50 unidades. 550grs.

MATERIAIS

Zamak e inox

PACKAGING

Box with 50 units. 550grs.

MATERIALS

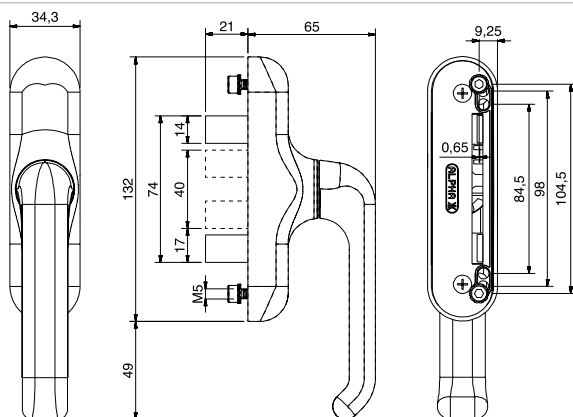
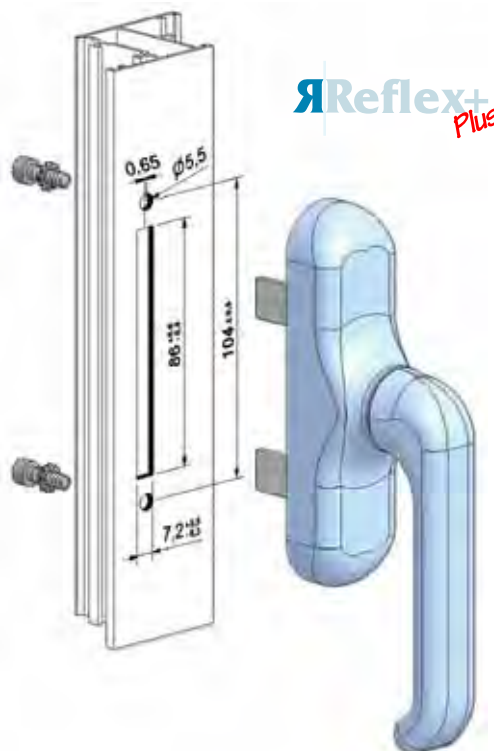
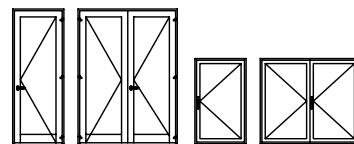
Zamak and stainless steel

EMPAQUETADO

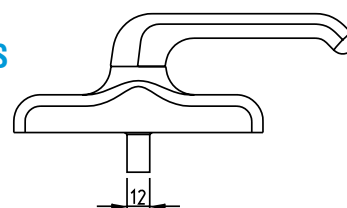
Caja con 50 unidades. 550grs.



Mod. Dep.



445S

**EMBALAGEM**

Caixa com 8 unidades. 4125 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço inox incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cremone rotativa e reversível com fixação posterior própria para séries C.E.

PACKAGING

Box with 8 units. 4125 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless steel screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Rotative and reversible cremona with fixation on the back

EMPAQUETADO

Caja con 8 unidades. 4125 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tomillos unbrako de acero inox incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cremona rotativa reversible con fijación posterior para series C.E.

EMBALLAGE

Boîte avec 8 unités. 4125 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox compris

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Cremone d'ouverture française pour C.E. avec fixation postérieur

Muleta **com mola de recuperação**

Spring-loaded handle for doors

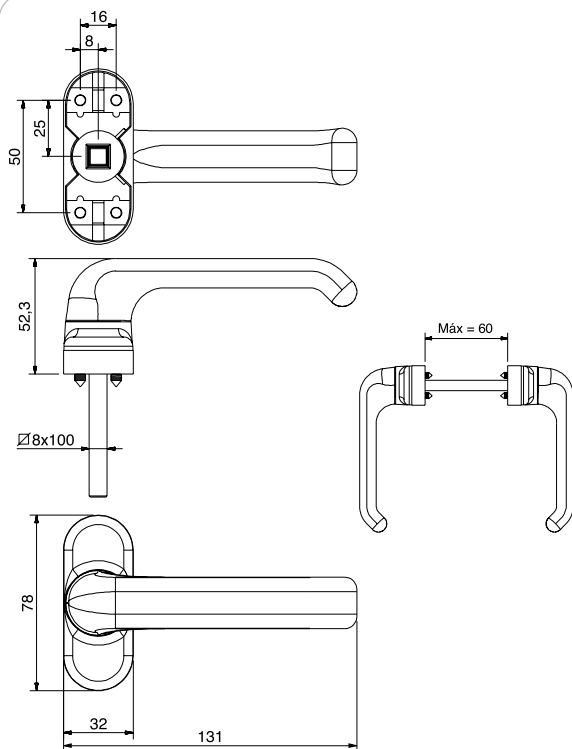
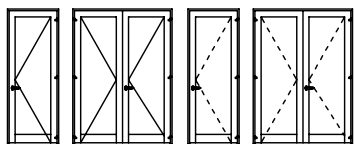
Manilla **con muelle de recuperación** para puertas

Béquille **avec ressort de récupération** pour portes

LINHA REFLEX PLUS



415



Mod. Dep.

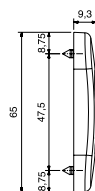
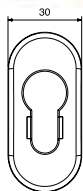
ALPHA

Cod 33042

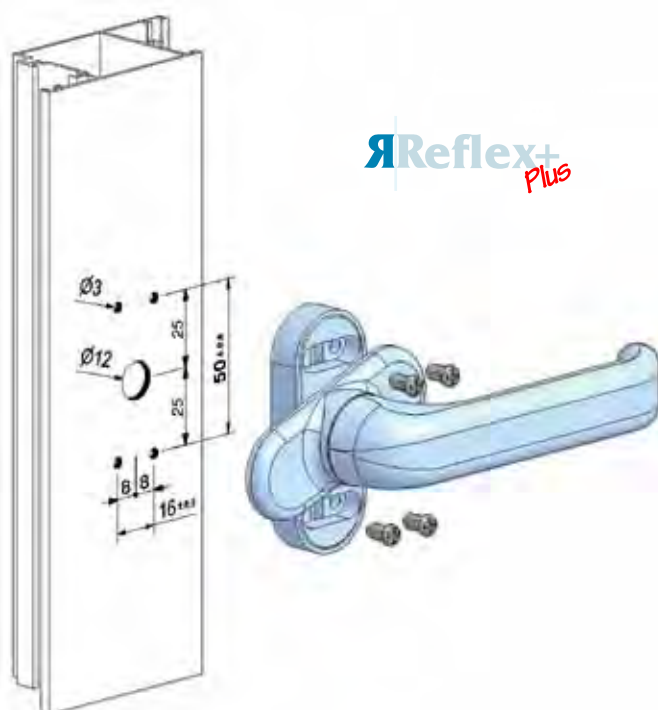
Espelho para cilindro / Lock shield for cylinder
Escudete para cilindro / Rosette pour cylindre



Zamak e nylon
reforçado



Emb. 25unid. gr/emb. 625 grs.



Reflex+
Plus

EMBALAGEM

Caixa com 6 pares. 3355 grs.

MATERIALS

Alumínio e zamak

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Par de muletas c/ mola de recuperação para portas. Vergalhão de 8mm incluído

PACKAGING

Box with 6 pairs. 3355 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Double spring-loaded handle for doors. 8mm square included

EMPAQUETADO

Caja con 6 juegos. 3355 grs.

MATERIALES

Aluminio y zamak

FIJACION

Tornillos incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Manilla con muelle de recuperación para puertas. Cuadrado de 8 mm incluído

EMBALLAGE

Boîte avec 6 paires. 3355 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis compris

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Béquille aux paires. Barreau de 8mm compris





LINHA
REFLEX

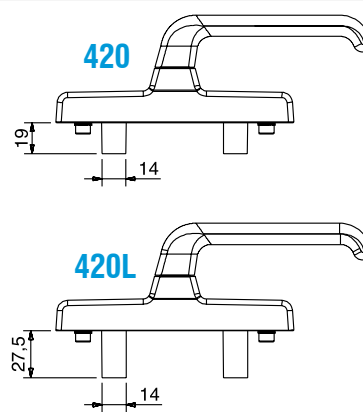
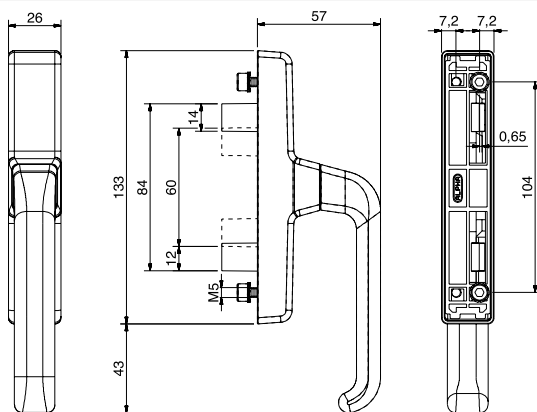
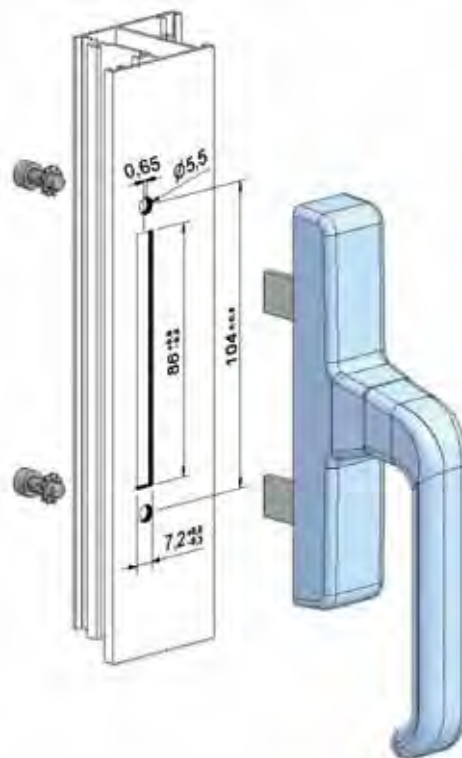
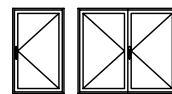
REFLEX LINE
LINEA REFLEX
LIGNE REFLEX





ALPHA

Mod. Dep.

**EMBALAGEM**

Caixa com 10 unidades. 3440 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço inox incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação posterior própria para séries C.E.

PACKAGING

Box with 10 units. 3440 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless steel screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Rotative and reversible cremona with fixation on the back

EMPAQUETADO

Caja con 10 unidades. 3440 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tomillos unbrako de acero inox incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cremona rotativa reversible con fijación posterior para series C.E.

EMBALLAGE

Boîte avec 10 unités. 3440 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox inclus

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Cremona d'ouverture française pour C.E. avec fixation postérieure

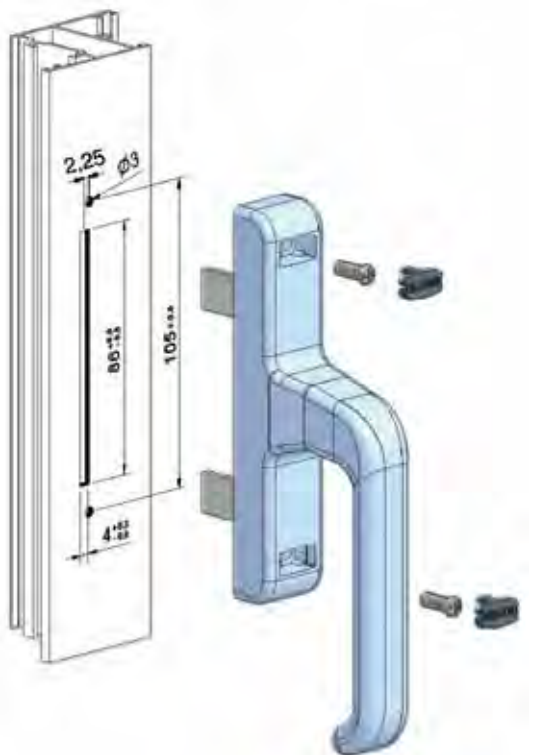
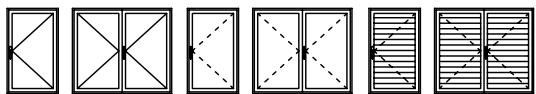
Cremone rotativa c/ **fixação frontal**
 Rotative cremona with **frontal fixation**
 Cremona rotativa con **fijación frontal**
 Cremone rotative avec **fixation frontale**

LINHA REFLEX

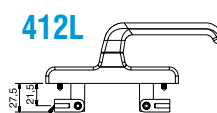
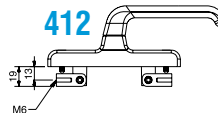
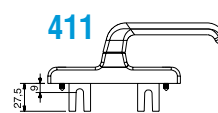
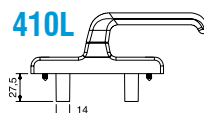
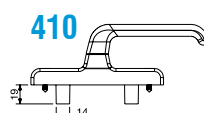
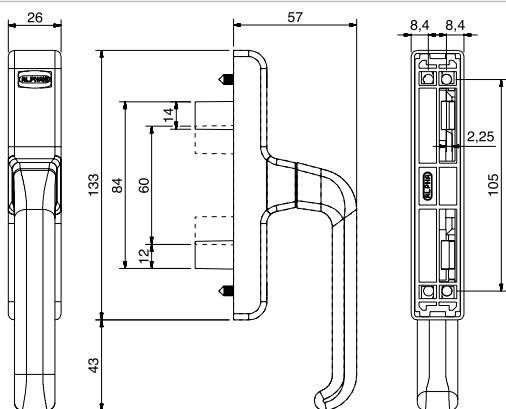


410

ALPHA



Mod. Dep.



EMBALAGEM

Caixa com 10 unidades. 3355 grs.

MATERIALS

Alumínio e zamak

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação frontal

PACKAGING

Box with 10 units. 3355 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Frontal fixation

EMPAQUETADO

Caja con 10 unidades. 3355 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Fijación frontal

EMBALLAGE

Boîte avec 10 unités. 3355 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis inclus

FINITIONS

Laqué

NORMATIF

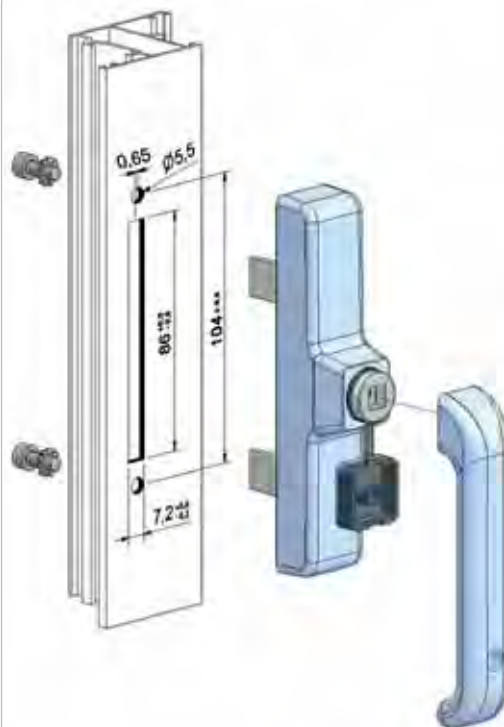
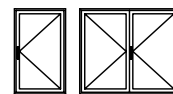
EN 1670

OBSERVATIONS

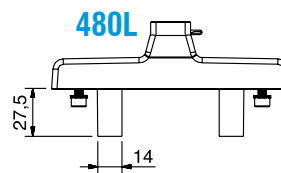
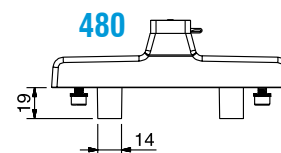
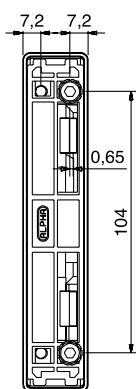
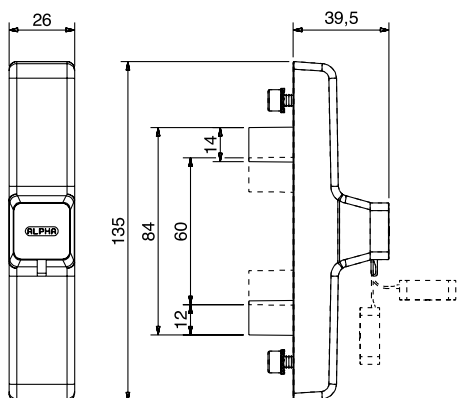
Fixation frontal



Mod. Dep.

**47P**

Ver pág. 36
 See pag. 36
 Ver pag. 36
 Voir pag. 36

**EMBALAGEM**

Caixa com 10 unidades. 2750 grs.

MATERIALS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço inox incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação posterior própria para séries C.E.
 Punho 47P não incluído

PACKAGING

Box with 10 units. 2750 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless steel screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Fixation the back for E.C.
 Handle 47P not included

EMPAQUETADO

Caja con 10 unidades. 2750 grs.

MATERIALES

Aluminio y zamak

FIJACION

Tornillos unbrako de acero inox incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Fijación posterior para series C.E.
 Manilla 47P no incluida

EMBALLAGE

Boîte avec 10 unités. 2750 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox inclus

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

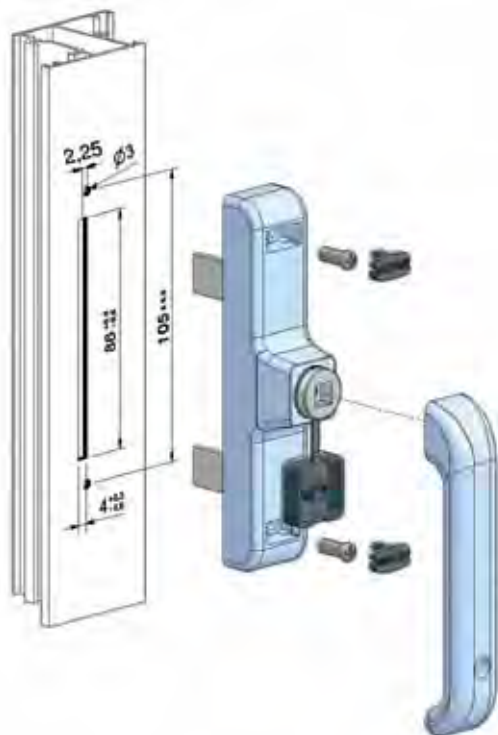
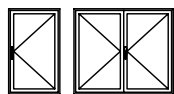
Fixation postérieur pour C.E.
 Poignée 47P pas compris

Cremone de segurança s/ punho, **fixação frontal**
 Security cremone without handle with **frontal fixation**
 Cremona rotativa sin maneta de **fijación frontal**
 Cremone d'ouverture française sans poigné de **fixation frontale**

LINHA REFLEX



470

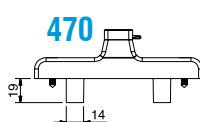
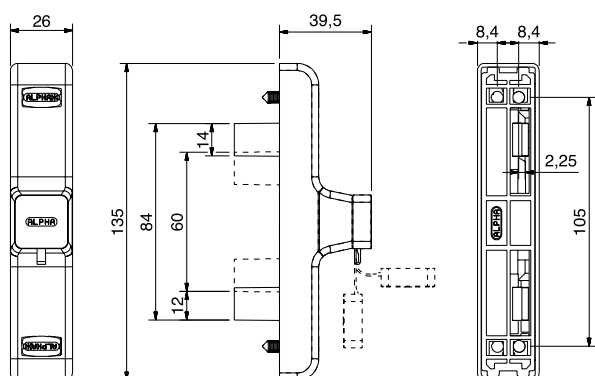


47P

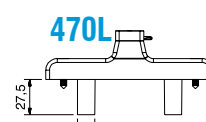
Ver pág. 36
 See pag. 36
 Ver pag. 36
 Voir pag. 36



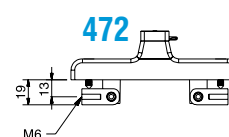
Mod. Dep.



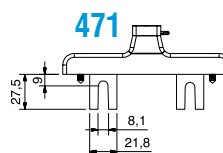
470



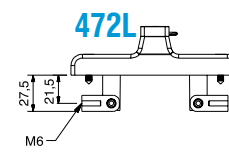
470L



472



471



472L

EMBALAGEM

Caixa com 10 unidades. 2585 grs.

MATERIALS

Alumínio e zamak

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação frontal
 Punho 47P não incluído

PACKAGING

Box with 10 units. 2585 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Frontal fixation.
 Handle 47P not included

EMPAQUETADO

Caja con 10 unidades. 2585 grs.

MATERIALES

Aluminio y zamak

FIJACION

Tornillos incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Fijación frontal.
 Manilla 47P no incluida

EMBALLAGE

Boîte avec 10 unités. 2585 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis inclus

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Fixation frontal.
 Poignée 47P pas compris

Muleta com mola de recuperação

Spring-loaded handle for doors

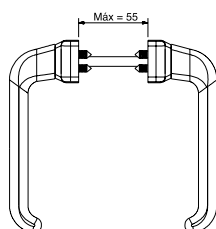
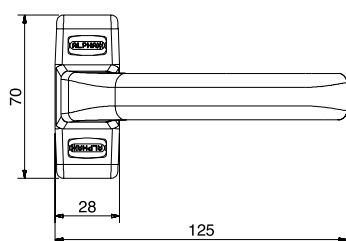
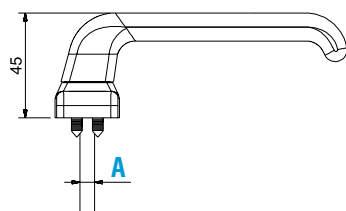
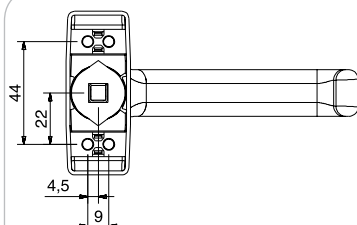
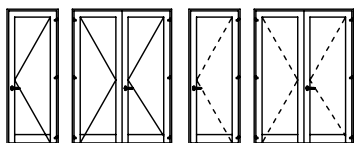
Manilla con muelle de recuperación para puertas

Béquille avec ressort de récupération pour portes

LINHA REFLEX



305



Ref.	A (mm)
305	1/4"x80
305E	8x80



Mod. Dep.

ALPHA



Cod 33042

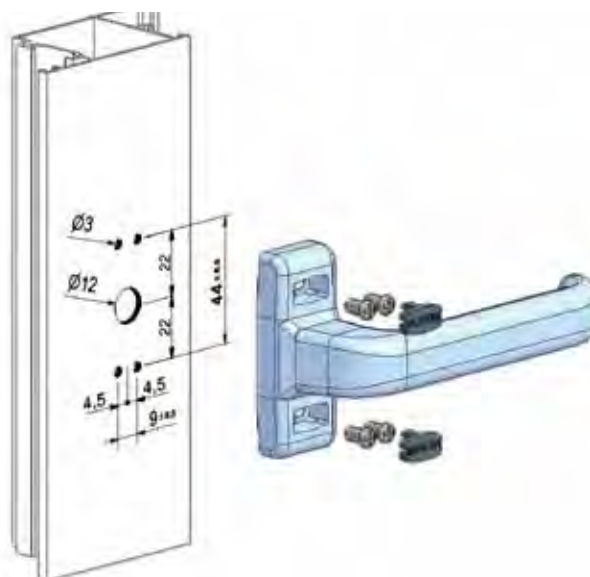
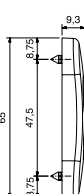
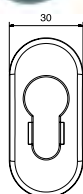
Espelho para cilindro / Lock shield for cylinder
Escudete para cilindro / Rosette pour cylindre



Zamak e nylon
reforçado



Emb. 25 un gr/emb. 625 grs.



EMBALAGEM

Caixa com 6 pares. 2275 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço inox incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

305 Vergalhão quadrado de 6,35mm (inc.)
305E Vergalhão quadrado de 8mm (inc.)

PACKAGING

Box with 6 pares. 2275 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless steel screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

305 - 6,35mm square (included)
305E - 8mm square (included)

EMPAQUETADO

Caja con 6 pares. 2275 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos unbrako de acero inox incluídos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

305 Cuadrado de 6,35mm (incluido)
305E Cuadrado de 8mm (incluido)

EMBALLAGE

Boîte avec 6 paires. 2275 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox inclus

FINITIONS

Lacqué

NORMATIF

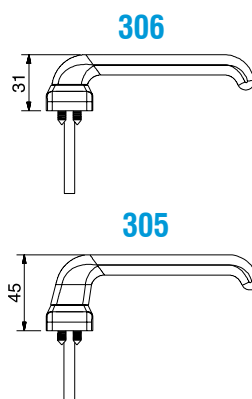
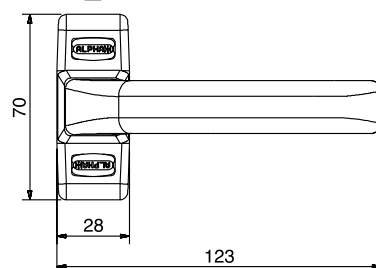
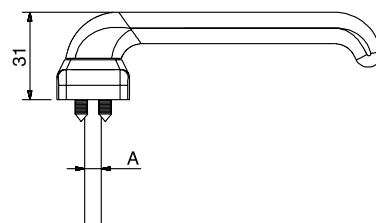
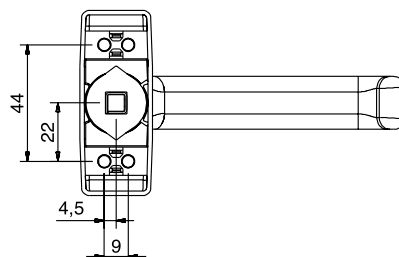
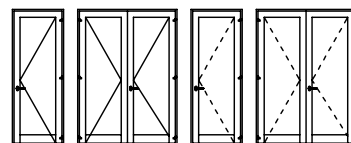
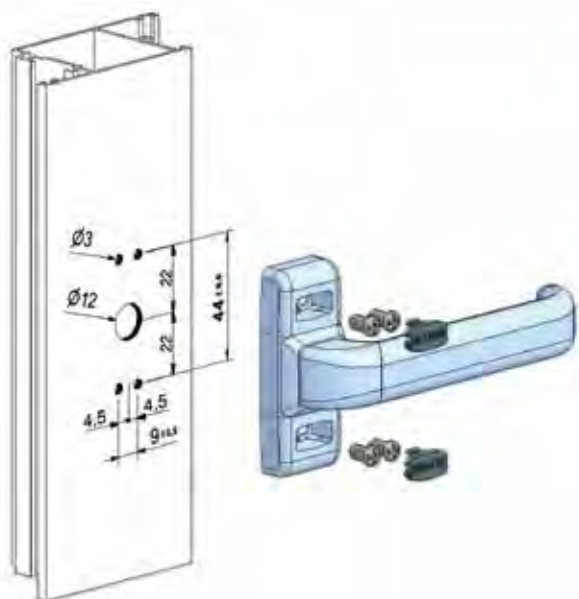
EN 1670

OBSERVATIONS

305 Barreau de 6,35mm (compris)
305E Barreau de 8mm (compris)



Mod. Dep.



Ref.	A (mm)
306	1/4"x80
306E	8x80

EMBALAGEM

Caixa com 6 pares. 2275 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES**306** Vergalhão quadrado de 6,35mm (inc.)**306E** Vergalhão quadrado de 8mm (inc.)**PACKAGING**

Box with 6 pares. 2275 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS**306** - 6,35mm square (included)**306E** - 8mm square (included)**EMPAQUETADO**

Caja con 6 juegos. 2275 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tomillos incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES**306** Cuadrilho de 6,35mm (incluído)**306E** Cuadrilho de 8mm (incluído)**EMBALLAGE**

Boîte avec 6 paires. 2275 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis inclus

FINITIONS

Laqué

NORMATIF

EN 1670

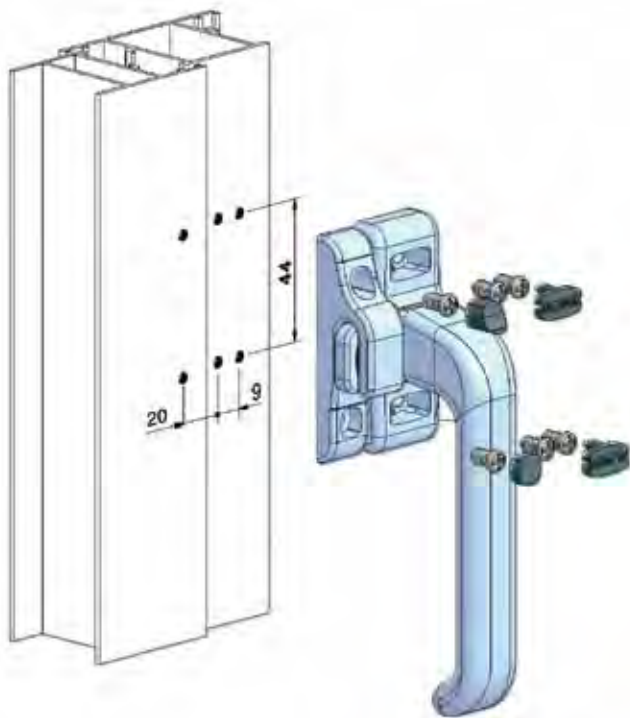
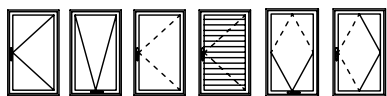
OBSERVATIONS**306** Barreau de 6,35mm (inclus)**306E** Barreau de 8mm (inclus)

Cremone reversível de lingueta
Reversible closing handle
Cierre de presión reversible
Poignée bateuse réversible

LINHA REFLEX

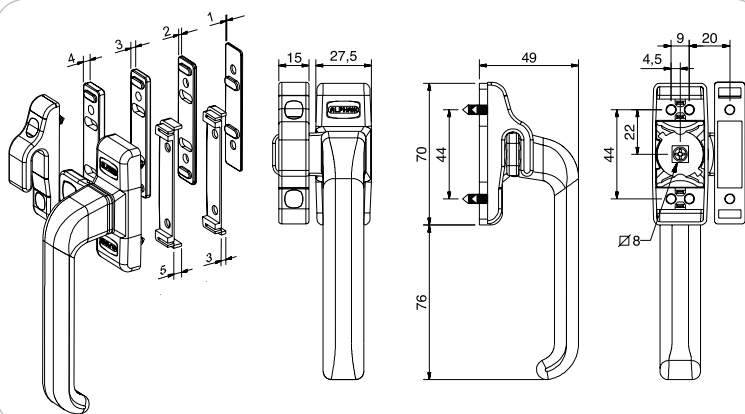


407



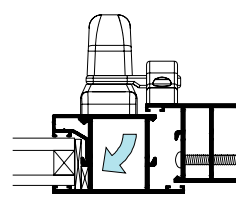
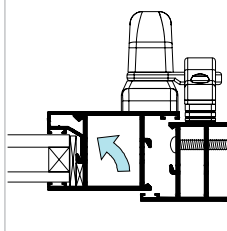
Mod. Dep.

ALPHA



Abertura para o interior
Inside opening
Apertura al interior
Ouverture vers l'intérieur

Abertura para o exterior
Outwards opening
Apertura al exterior
Ouverture vers l'extérieur



EMBALAGEM

Caixa com 10 unidades. 2590 grs.

MATERIALS

Alumínio e zamak

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação frontal. Calços de nylon com 1mm, 2mm, 3mm e 4mm

PACKAGING

Box with 10 units. 2590 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Frontal fixation. Nylon alignement elements with 1mm, 2mm, 3mm e 4mm

EMPAQUETADO

Caja con 10 unidades. 2590 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Fijación frontal. Suplementos de nylon con 1mm, 2mm, 3mm e 4mm

EMBALLAGE

Boîte avec 10 unités. 2590 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis inclus

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Fixation frontal. Cales de nylon avec 1mm, 2mm, 3mm e 4mm



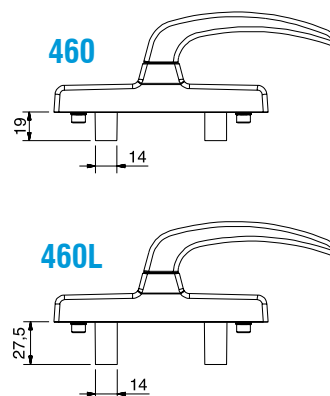
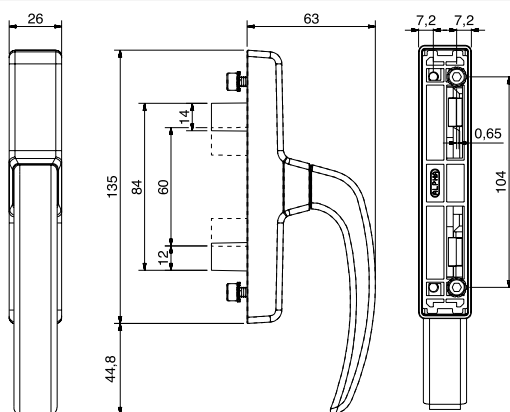
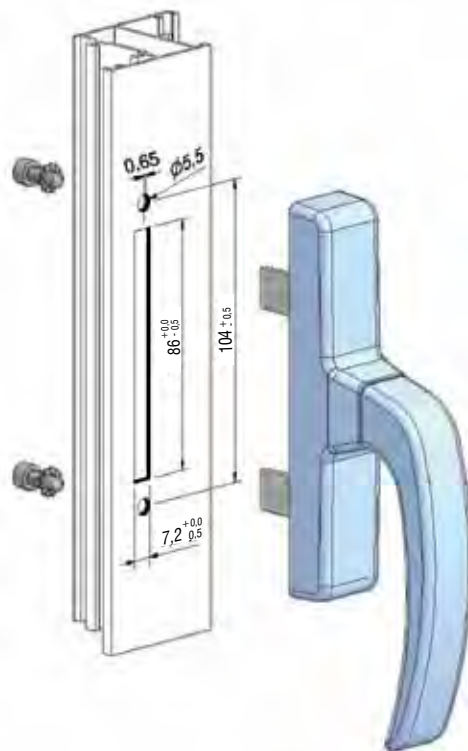
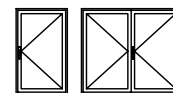
LINHA
CURVA

CURVA LINE
LINEA CURVA
LIGNE CURVA





Mod. Dep.

**EMBALAGEM**

Caixa com 10 unidades. 3510 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos unbrako em aço inox incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação posterior própria para séries C.E.

PACKAGING

Box with 10 units. 3510 grs.

MATERIALS

Aluminium and zamak

FIXING

Unbrako stainless steel screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Fixation on the back for E.G.

EMPAQUETADO

Caja con 10 unidades. 3510 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tomillos unbrako de acero inox incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Fijación posterior para series C.E.

EMBALLAGE

Boîte avec 10 unités. 3510 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis unbrako acier inox inclus

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Fixation postérieure pour C.E.

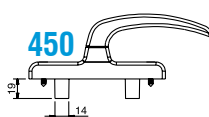
LINHA CURVA



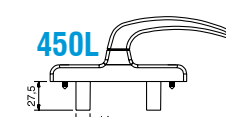
450



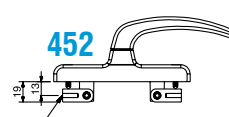
Mod. Dep.



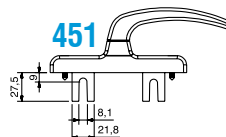
450



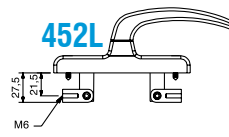
450L



452



451



452L

EMBALLAGE

Boîte avec 10 unités. 3385 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis inclus

FINITTIONS

Laqué

NORMATIE

EN 1670

OBSERVATIONS

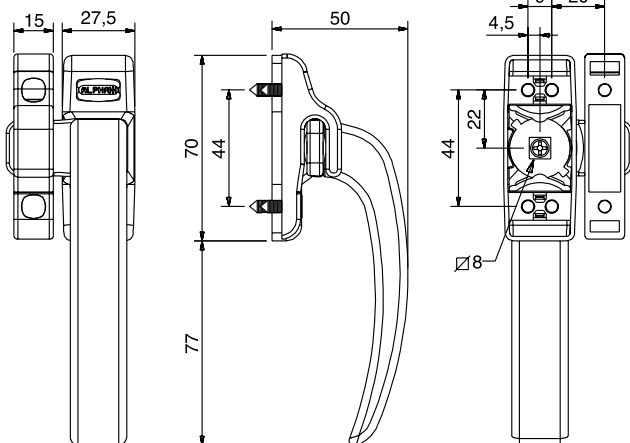
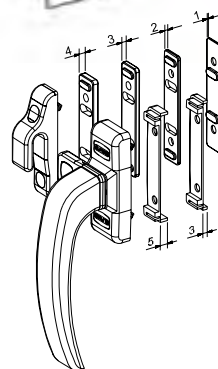
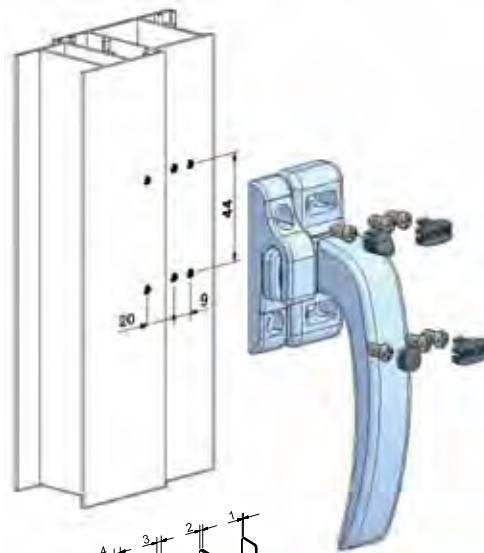
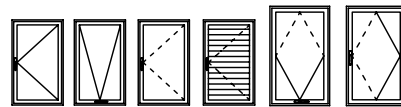
OBSERVATION
Fixation frontal



ALPHA

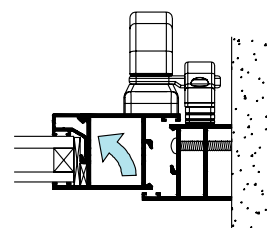
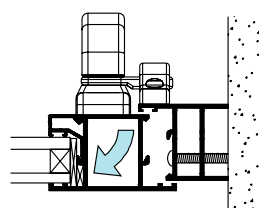


Mod. Dep.



Abertura para o exterior / Outwards opening
Apertura al exterior / Ouverture vers l'extérieur

Abertura para o interior / Inside opening
Apertura al interior / Ouverture vers l'intérieur

**EMBALAGEM**

Caja com 10 unidades. 2585 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação frontal. Calços de nylon com 1,2mm, 2mm, 3mm e 4mm (incluído)

PACKAGING

Box with 10 units. 2585 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Frontal fixation. Nylon alignment elements with 1,2mm, 2mm, 3mm e 4mm (inc.)

EMPAQUETADO

Caja com 10 unidades. 2585 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Fijación frontal. Suplementos de nylon con 1,2mm, 2mm, 3mm e 4mm (inc.)

EMBALLAGE

Boîte avec 10 unités. 2585 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis inclus

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

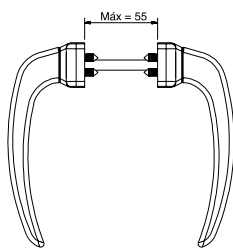
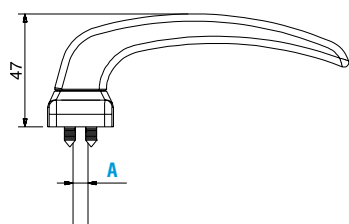
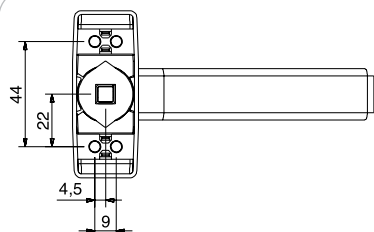
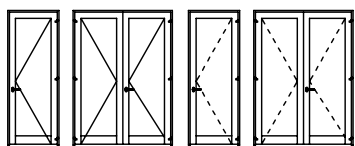
Fixation frontal. Cales de nylon avec 1,2mm, 2mm, 3mm e 4mm (inclus)

Muleta com mola de recuperação
Spring-loaded handle for doors
Manilla con muelle de recuperación para puertas
Béquille avec ressort de récupération pour portes

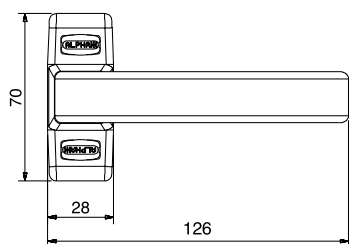
LINHA CURVA



315



Ref.	A (mm)
315	1/4"x80
315E	8x80



RAL

Mod. Dep.

ALPHA

Cod 33042

Espelho para cilindro / Lock shield for cylinder
Escudete para cilindro / Rosette pour cylindre

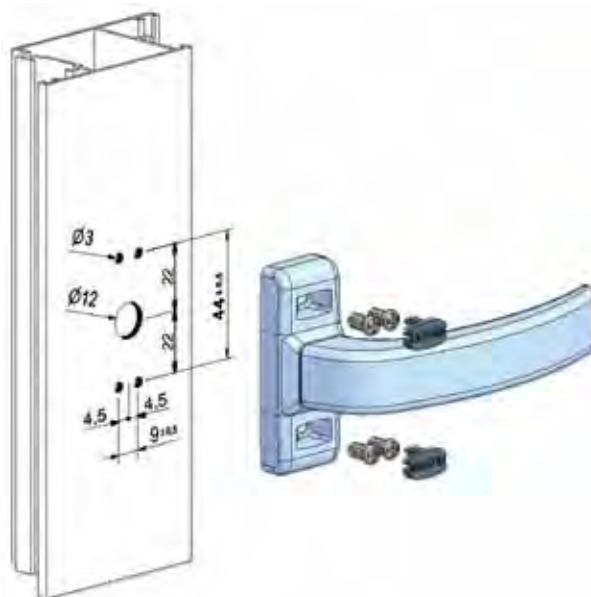
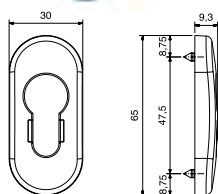


RAL

Zamak e nylon reforçado



Emb. 25 un. gr/emb. 625 grs.



EMBALAGEM

Caixa com 6 pares. 2260 grs.

MATERIAIS

Alumino e zamak

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

315 - Vergalhão de 6,35mm incluído

315E - Vergalhão de 8mm incluído

PACKAGING

Box with 6 pairs. 2260 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

315 - 6,35mm square included

315E - 8mm square included

EMPAQUETADO

Caja con 6 pares. 2260 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tomillos incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

315 - Cuadrado de 6,35mm incluído

315E - Cuadrado de 8mm incluído

EMBALLAGE

Boîte avec 6 paires. 2260 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis compris

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

315 - Barreau de 6,35mm compris

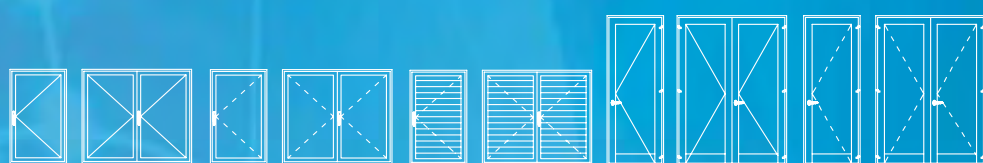
315E - Barreau de 8mm compris





DOBRADIÇAS

HINGES
BISAGRAS
PAUMELLES

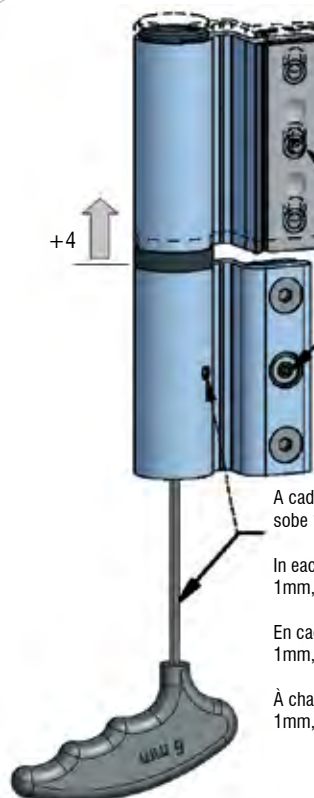
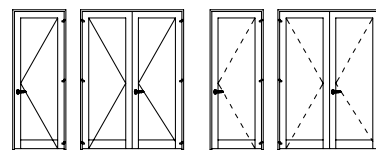




Regulação 3 D da folha
3 D Regulation
Regulación 3D de la hoja
Réglage 3D du ventail

Mod. Dep.

RAL AN



Apertar este perno após
completa afinação da porta

Tighten this bolt after
Full tuning port

Apriete este tornillo después
puerto de sintonía completa

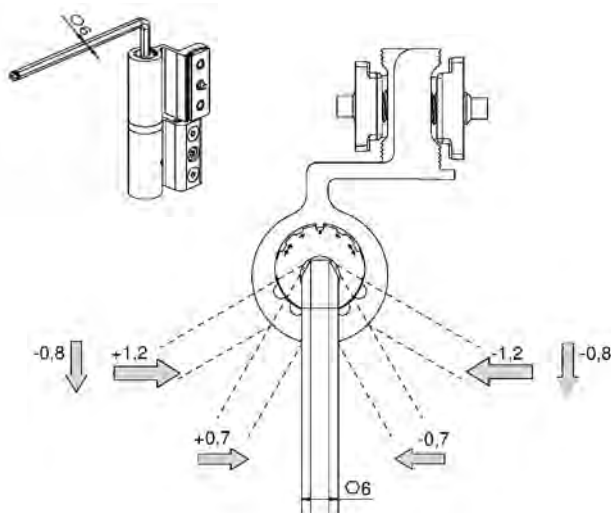
Serrer ce boulon après
port de réglage complète

A cada volta completa da chave sextavada a folha
sobe 1mm, e o perno apertado fica à face

In each turn around of the allen range leaf rises
1mm, and the set screw tightened lies at the face

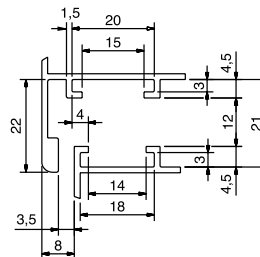
En cada vuelta de la llave allen la hoja se eleva
1mm, y el tornillo de ajuste apretado es à cara

À chaque tour complet a clé allen la feuille s'élève
1mm, et le boulon serré se situe à la ras



2XLD

CÂMARA EUROPEIA



Também disponível
Also available
Tambien disponible
Aussi disponible

CÂMARA EUROPEIA

CE10

Cód. 2XLD10

CE12

Cód. 2XLD12

EMBALAGEM

Caixa com 4 unidades

MATERIAIS

Perfil de alumínio, zamak e inox

FIXAÇÃO

Fixação em inox incluída

ACABAMENTO

Lacado e anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 4 units

MATERIALS

Alum. profile, zamak and stainless steel

FIXING

Stainless steel fixation included

FINISHING

Powder painting and hard anodized

STANDARD

UNE-EN 1935:2002 / AC 2004 / EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 4 unidades

MATERIALES

Perfil de aluminio, zamak e inox

FIJACIÓN

Fijación acero inox incluída

ACABADOS

Lacado y anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 4 unités

MATÉRIELS

Aluminium profil, zamak et inox

FIXATION

Fixation en inox compris

FINITIONS

Laqué et anodisé

NORMATIF

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVATIONS

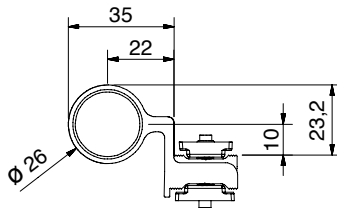
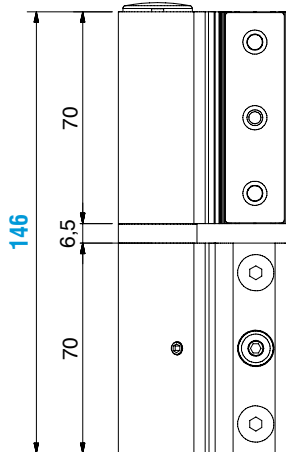
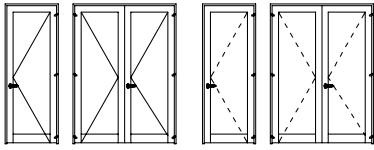
-

Dobradiça p/ porta ambidestra para câmara europeia
Reversible door hinge for E. G. series
Bisagra puerta reversible para camara europea
Paumelle réversible pour port C. E.

DOBRADIÇAS

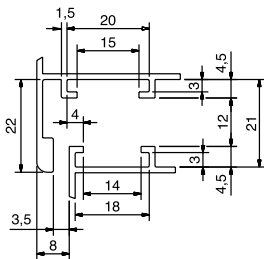


2XL



2XL

CÂMARA EUROPEIA



Também disponível
Also available
Tambien disponible
Aussi disponible

CÂMARA EUROPEIA

CE10

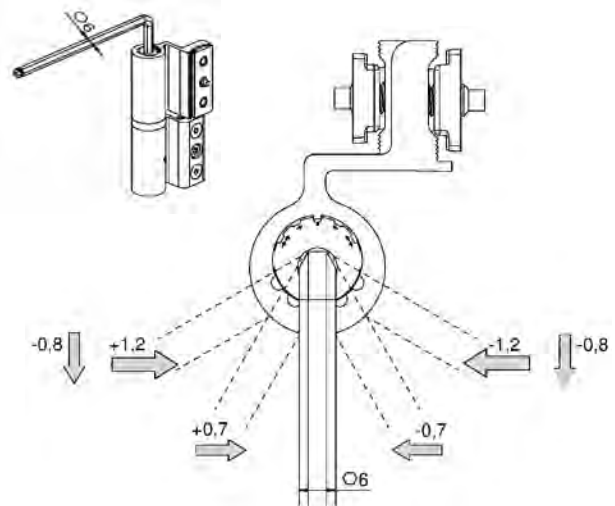
Cód. 2XL10

CE12

Cód. 2XL12



Mod. Dep.



EMBALAGEM

Caixa com 4 unidades

MATERIAIS

Perfil de alumínio, zamak e inox

FIXAÇÃO

Fixação em inox incluída

ACABAMENTO

Lacado e anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 4 units

MATERIALS

Alum. profile, zamak and stainless steel

FIXING

Stainless steel fixation included

FINISHING

Powder painting and hard anodized

STANDARD

UNE-EN 1935:2002 / AC 2004 / EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 4 unidades

MATERIALES

Perfil de aluminio, zamak e inox

FIJACIÓN

Fijación acero inox incluída

ACABADOS

Lacado y anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 4 unités

MATÉRIELS

Aluminium profil, zamak et inox

FIXATION

Fixation en inox compris

FINITIONS

Laqué et anodisé

NORMATIF

UNE-EN 1935:2002 / AC 2004 / EN 1670

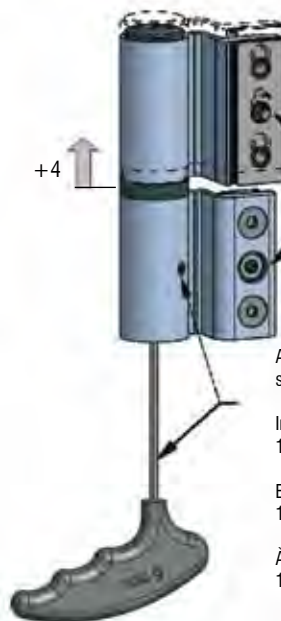
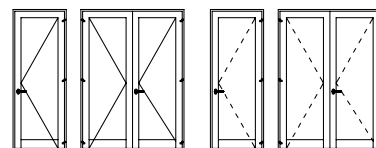
OBSERVATIONS

-



Regulação 3 D da folha
3 D Regulation
Regulación 3D de la hoja
Réglage 3D du ventail

Mod. Dep.



Apertar este perno após
completa afinação da porta

Tighten this bolt after
Full tuning port

Apriete este tornillo después
puerto de sintonía completa

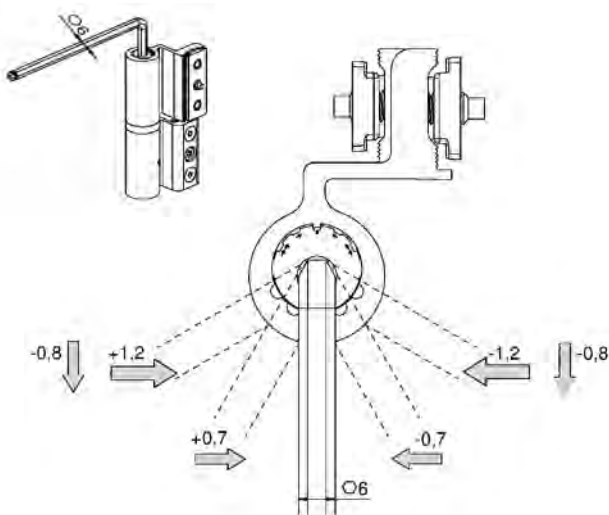
Serrer ce boulon après
port de réglage complète

A cada volta completa da chave sextavada a folha
sobe 1mm, e o perno apertado fica à face

In each turn around of the allen range leaf rises
1mm, and the set screw tightened lies at the face

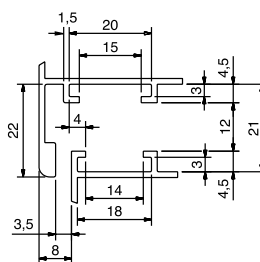
En cada vuelta de la llave allen la hoja se eleva
1mm, y el tornillo de ajuste apretado es a cara

À chaque tour complet a clé allen la feuille s'élève
1mm, et le boulon serré se situe à la ras



2XD

CÂMARA EUROPEIA



Também disponível
Also available
Tambien disponible
Aussi disponible

CÂMARA EUROPEIA
CE10

Cód. 2XD10

CE12

Cód. 2XD12

EMBALAGEM

Caja com 4 unidades

MATERIAIS

Perfil de alumínio, zamak e inox

FIXAÇÃO

Fixação em inox incluída

ACABAMENTO

Lacado e anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 4 units

MATERIALS

Alum. profile, zamak and stainless steel

FIXING

Stainless steel fixation included

FINISHING

Powder painting and hard anodized

STANDARD

UNE-EN 1935:2002 / AC 2004 / EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 4 unidades

MATERIALES

Perfil de aluminio, zamak e inox

FIJACIÓN

Fijación acero inox incluída

ACABADOS

Lacado y anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 4 unités

MATÉRIELS

Aluminium profil, zamak et inox

FIXATION

Fixation en inox compris

FINITIONS

Laqué et anodisé

NORMATIF

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVATIONS

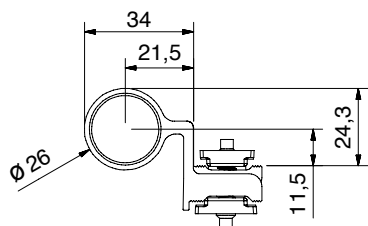
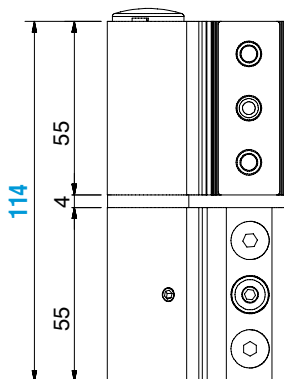
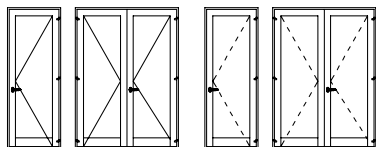
-

Dobradiça p/ porta ambidestra para câmara europeia
Reversible door hinge for E. G. series
Bisagra puerta reversible para camara europea
Paumelle réversible pour port C. E.

DOBRADIÇAS

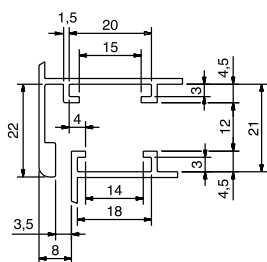


2X



2X

CÂMARA EUROPEIA



Também disponível
Also available
También disponible
Aussi disponible

CÂMARA EUROPEIA

CE10

Cód. 2X10

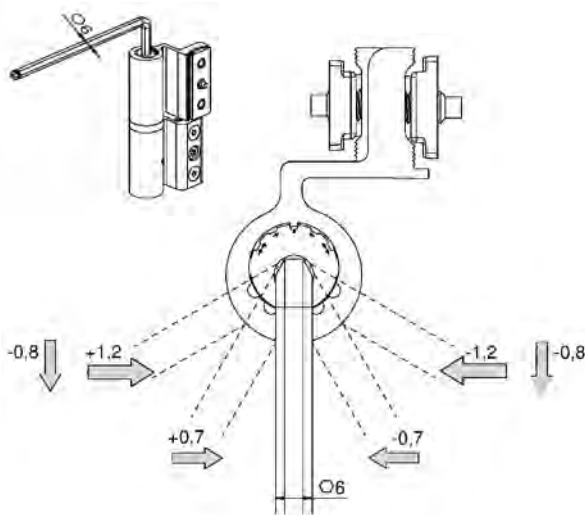
CE12

Cód. 2X12



RAL AN

Mod. Dep.



EMBALAGEM

Caixa com 4 unidades

MATERIAIS

Perfil de alumínio, zamak e inox

FIXAÇÃO

Fixação em inox incluída

ACABAMENTO

Lacado e anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 4 units

MATERIALS

Alum. profile, zamak and stainless steel

FIXING

Stainless steel fixation included

FINISHING

Powder painting and hard anodized

STANDARD

UNE-EN 1935:2002 / AC 2004 / EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 4 unidades

MATERIALES

Perfil de aluminio, zamak e inox

FIJACIÓN

Fijación acero inox incluída

ACABADOS

Lacado y anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 4 unités

MATÉRIELS

Aluminium profil, zamak et inox

FIXATION

Fixation en inox compris

FINITIONS

Laqué et anodisé

NORMATIF

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVATIONS

-

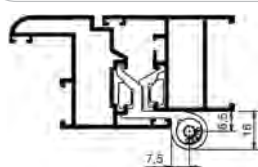
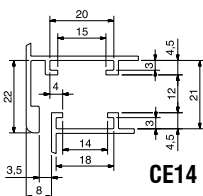
CE2F

Regulável
Adjustable
Ajustable
Réglable

Mod. Dep.



RAL AN

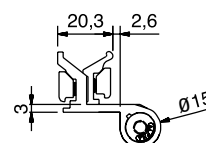
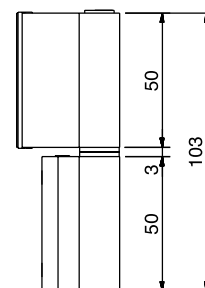
EUROGROOVE PROFILE
CAMARA EUROPEIATambém disponível
Also available
Tambien disponible
Aussi disponible

CÂMARA EUROPEIA

CE10

CE12

Cód. CE2FC10

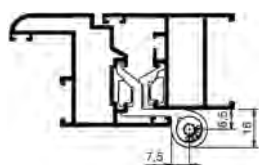
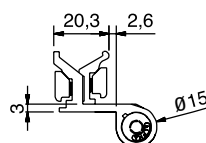
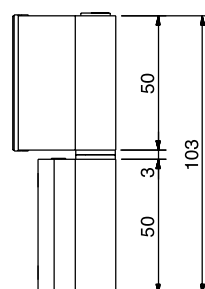
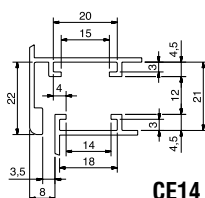


CE2N

Mod. Dep.



RAL AN

EUROGROOVE PROFILE
CAMARA EUROPEIATambém disponível
Also available
Tambien disponible
Aussi disponible

CÂMARA EUROPEIA

CE10 / CE12

EMBALAGEM

CE2F Caixa com 50 unidade 5950 grs.

CE2N Caixa com 50 unidade 6190 grs.

MATERIAIS

Perfil de alumínio, zamak e aço inox

FIXAÇÃO

Fixação rápida

ACABAMENTO

Lacado e anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVAÇÕES

Adapta-se a todo o tipo de portas e janelas

PACKAGING

CE2F Box with 50 unidade 5950 grs.

CE2N Box with 50 unidade 6190 grs.

MATERIALS

Aluminium profile, zamak and s. steel

FIXING

Fast fixation

FINISHING

Powder painting and hard anodized

STANDARD

UNE-EN 1935:2002 / AC 2004 / EN 1670

COMMENTS

Compatible with all kind of doors and windows

EMPAQUETADO

CE2F Caja con 50 unidade 5950 grs.

CE2N Caja con 50 unidade 6190 grs.

MATERIALES

Perfil de alumínio, zamak y acero inox

FIJACIÓN

Fijación rápida

ACABADOS

Lacado y anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVACIONES

Se adapta a todo tipo de puertas y ventanas

EMBALLAGE

CE2F Boîte avec 50 unidade 5950 grs.

CE2N Boîte avec 50 unidade 6190 grs.

MATÉRIELS

Aluminium profil, zamak et acier inox

FIXATION

Fixation rapide

FINITIONS

Laqué et anodisé

NORMATIF

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVATIONS

Adapt. a toutes les variétés de portes et fenêtres

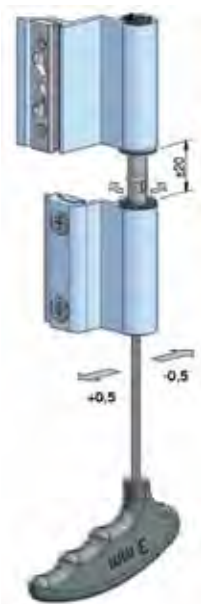
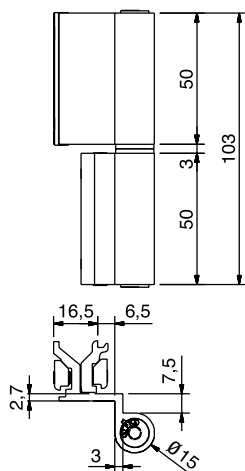
Dobradiça Ambidestra para **3ª folha** em câmara europeia
 Reversible hinge for **third leaf** for E. G. series
 Bisagra reversible **para tercera** hoja en camara europea
 Paumelle réversible **pour troisième** battant de C. E.

DOBRADIÇAS



CE3F
CE3N

ALPHA



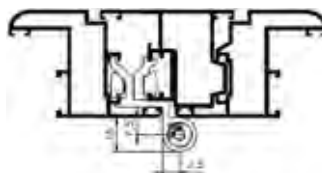
CE3F



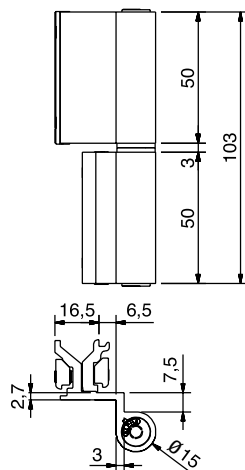
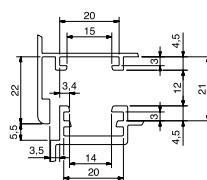
Mod. Dep.

Regulável
Adjustable
Ajustable
Réglable

RAL AN



EUROGROOVE PROFILE
CAMARA EUROPEIA

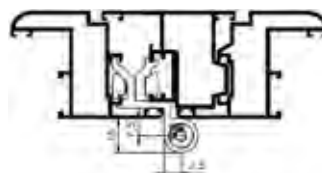


CE3N

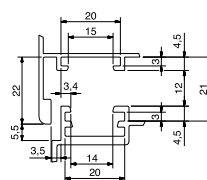


Mod. Dep.

RAL AN



EUROGROOVE PROFILE
CAMARA EUROPEIA



EMBALAGEM

CE3F Caixa com 50 unidade 6250 grs.
CE3N Caixa com 50 unidade 6190 grs.

MATERIAIS

Perfil de alumínio, zamak e aço inox

FIXAÇÃO

Fixação rápida

ACABAMENTO

Lacado e anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVAÇÕES

Adapta-se a todo o tipo de portas e janelas

PACKAGING

CE3F Box with 50 unidade 6250 grs.
CE3N Box with 50 unidade 6190 grs.

MATERIALS

Aluminium profile, zamak and s. steel

FIXING

Fast fixation

FINISHING

Powder painting and hard anodized

STANDARD

UNE-EN 1935:2002 / AC 2004 / EN 1670

COMMENTS

Compatible with all kind of doors and windows

EMPAQUETADO

CE3F Caja con 50 unidade 6250 grs.
CE3N Caja con 50 unidade 6190 grs.

MATERIALES

Perfil de aluminio, zamak y acero inox

FIJACIÓN

Fijación rápida

ACABADOS

Lacado y anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVACIONES

Se adapta a todo tipo de puertas y ventanas

EMBALLAGE

CE3F Boîte avec 50 unidade 6250 grs.
CE3N Boîte avec 50 unidade 6190 grs.

MATÉRIELS

Aluminium profil, zamak et acier inox

FIXATION

Fixation rapide

FINITIONS

Laqué et anodisé

NORMATIF

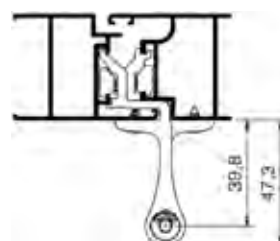
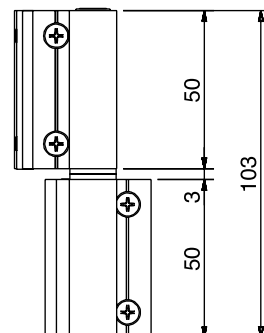
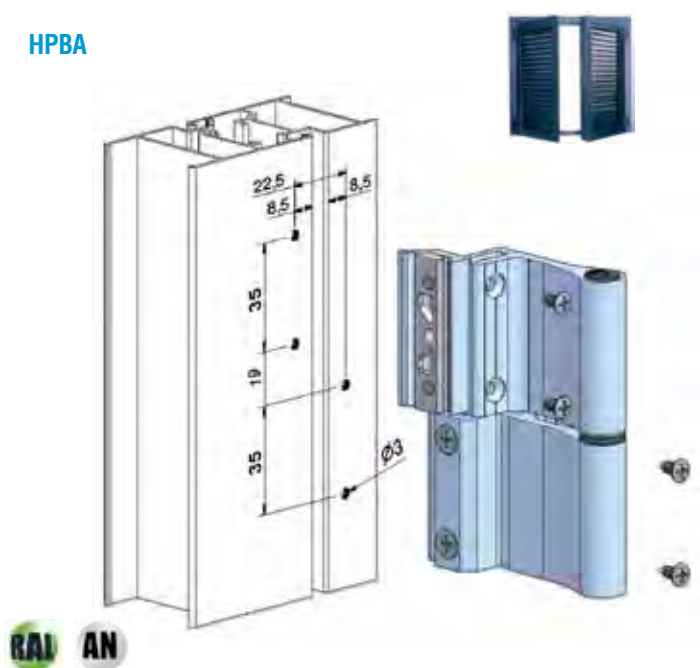
UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVATIONS

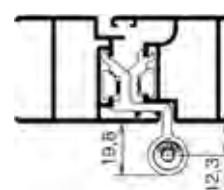
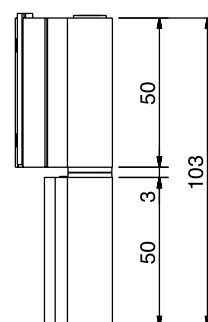
Adapt. a toutes les variétés de portes et fenêtres



HPBA



HPA



EMBALAGEM

HPBA Caixa com 25 nidades. 4995 grs.
HPA Caixa com 50 unidades. 6490 grs.

MATERIAIS

Perfil alumínio, zamak e aço inox

FIXAÇÃO

Fixação rápida

ACABAMENTO

Lacado e anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVAÇÕES

-

PACKAGING

HPBA Box with 25 units. 4995 grs.
HPA Box with 50 units. 6490 grs.

MATERIALS

Aluminium profile, zamak and s. steel

FIXING

Fast fixation

FINISHING

Powder painting and hard anodized

STANDARD

UNE-EN 1935:2002 / AC 2004 / EN 1670

COMMENTS

-

EMPAQUETADO

HPBA Caja con 25 unidades. 4995 grs.
HPA Caja con 50 unidades. 6490 grs.

MATERIALES

Perfil de aluminio, zamak y acero inox

FIJACION

Fijación rápida

ACABADOS

Lacado y anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVACIONES

-

EMBALLAGE

HPBA Boîte avec 25 unités. 4995 grs.
HPA Boîte avec 50 unités. 6490 grs.

MATÉRIELS

Aluminium profil, zamak et acier inox

FIXATION

Fixation rapide

FINITIONS

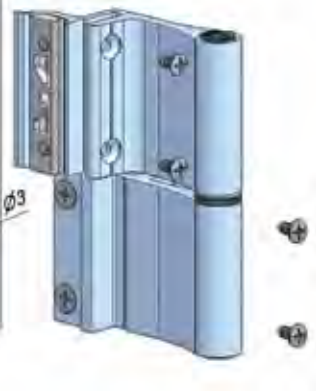
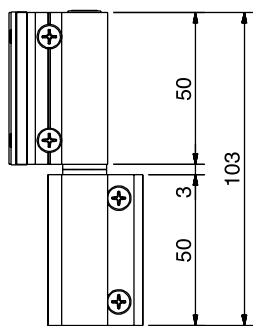
Laqué et anodisé

NORMATIF

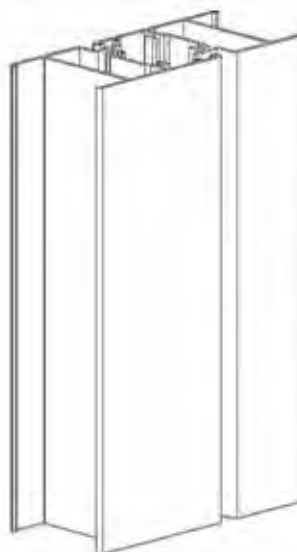
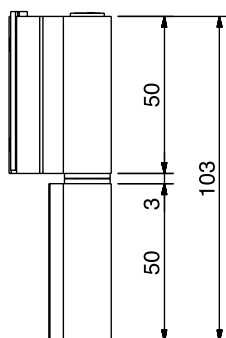
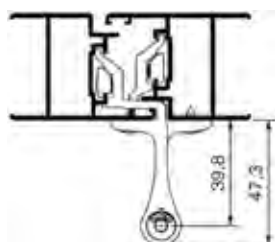
UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVATIONS

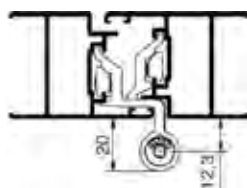
-



HPBF



HPF



EMBALAGEM

HPBF Caixa com 25 unidades. 5150 grs.
HPF Caixa com 50 unidades. 6650 grs.

MATERIAIS

Perfil alumínio, zamak e aço inox

FIXAÇÃO

Fixação rápida

ACABAMENTO

Lacado e anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVAÇÕES

-

PACKAGING

HPBF Box with 25 units. 5150 grs.
HPF Box with 50 units. 6650 grs.

MATERIALS

Aluminium profile, zamak and s. steel

FIXING

Fast fixation

FINISHING

Powder painting and hard anodized

STANDARD

UNE-EN 1935:2002 / AC 2004 / EN 1670

COMMENTS

-

EMPAQUETADO

HPBF Caja con 25 unidades. 5150 grs.
HPF Caja con 50 unidades

MATERIALES

Perfil de aluminio, zamak y acero inox

FIJACION

Fijación rápida

ACABADOS

Lacado y anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVACIONES

-

EMBALLAGE

HPBF Boîte avec 25 unités. 5150 grs.
HPF Boîte avec 50 unités. 6650 grs.

MATÉRIELS

Aluminium profil, zamak et acier inox

FIXATION

Fixation rapide

FINITIONS

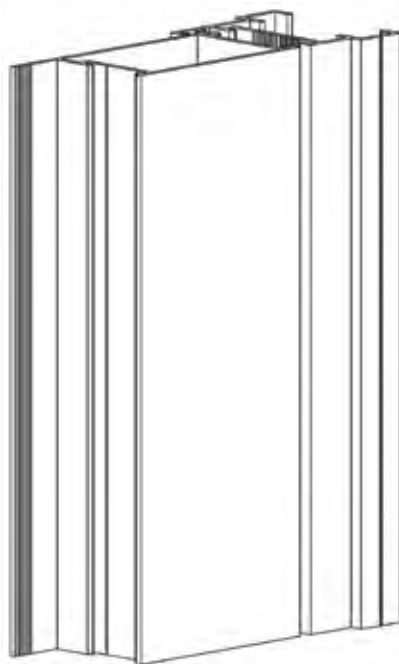
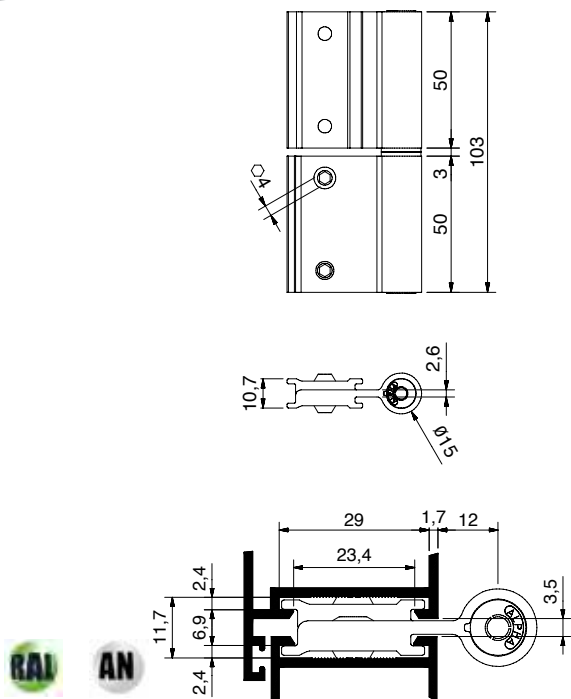
Laqué et anodisé

NORMATIF

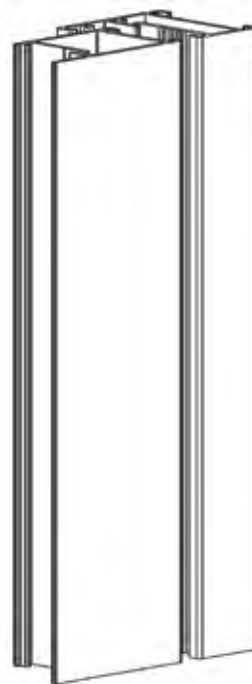
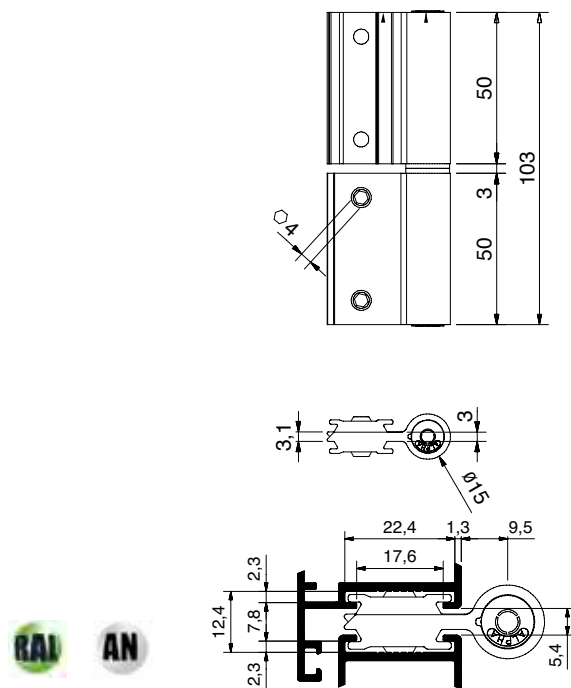
UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVATIONS

-



GOLD 2F



SUP 2F

EMBALAGEM

GOLD 2F Caixa com 50 unidades. 5050 grs.
SUP 2F Caixa com 50 unidades. 4690 grs.

MATERIAIS

Perfil alumínio e aço inox

FIXAÇÃO

Fixação rápida

ACABAMENTO

Lacado e anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVAÇÕES

-

PACKAGING

GOLD 2F Box with 50 units. 5050 grs.
SUP 2F Box with 50 units. 4690 grs.

MATERIALS

Aluminium and stainless steel

FIXING

Fast fixation

FINISHING

Powder painting and hard anodized

STANDARD

UNE-EN 1935:2002 / AC 2004 / EN 1670

COMMENTS

-

EMPAQUETADO

GOLD 2F Caja con 50 unidades. 5050 grs.
SUP 2F Caja con 50 unidades. 4690 grs.

MATERIALES

Aluminio y acero inox

FIJACIÓN

Fijación rápida

ACABADOS

Lacado y anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVACIONES

-

EMBALLAGE

GOLD 2F Boîte avec 50 unités. 5050 grs.
SUP 2F Boîte avec 50 unités. 4690 grs.

MATÉRIELS

Aluminium et acier inox

FIXATION

Fixation rapide

FINITIONS

Laqué et anodisé

NORMATIF

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVATIONS

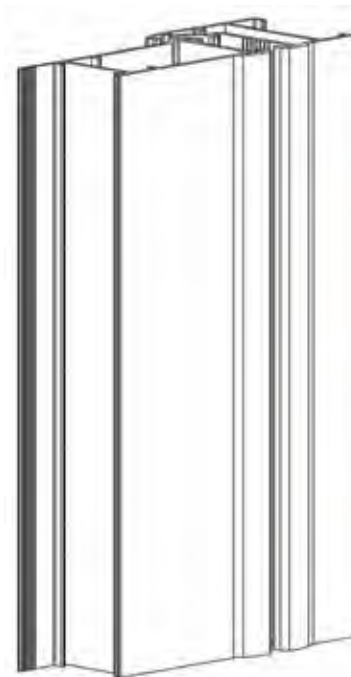
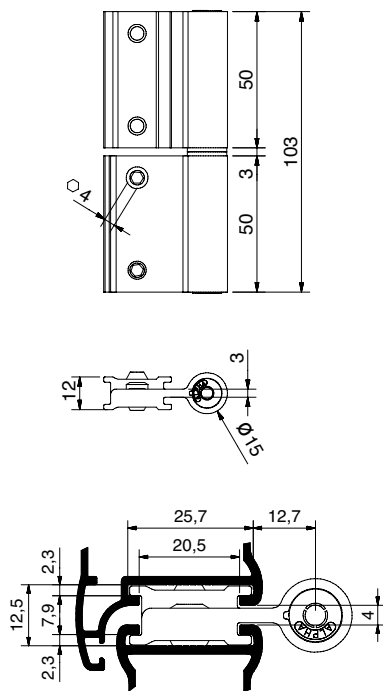
-

Dobradiça ambidestra para **série Inova**
Reversible hinge for **Inova series**
Bisagra reversible para **series Inova**
Paumelle réversible pour **serie Inova**

DOBRADIÇAS



INOVA
2F



INOVA 2F



ALPHA

EMBALAGEM

Caixa com 50 unidades

MATERIAIS

Perfil alumínio e aço inox

FIXAÇÃO

Fixação rápida

ACABAMENTO

Lacado e anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 50 units

MATERIALS

Aluminium and stainless steel

FIXING

Fast fixation

FINISHING

Powder painting and hard anodized

STANDARD

UNE-EN 1935:2002 / AC 2004 / EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 50 unidades

MATERIALES

Aluminio y acero inox

FIJACIÓN

Fijación rápida

ACABADOS

Lacado y anodizado

NORMAS

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 50 unités

MATÉRIELS

Aluminium et acier inox

FIXATION

Fixation rapide

FINITIONS

Laqué et anodisé

NORMATIF

UNE-EN 1935:2002 / AC 2004 / EN 1670

OBSERVATIONS

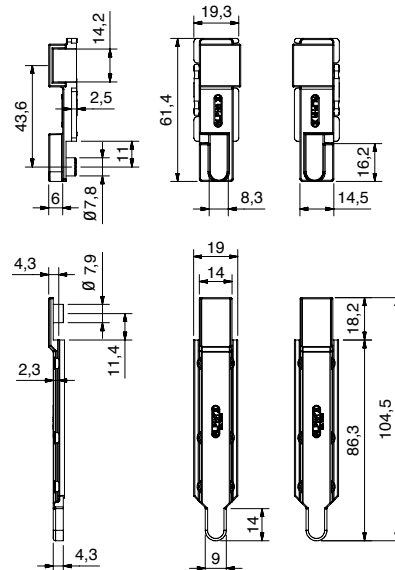
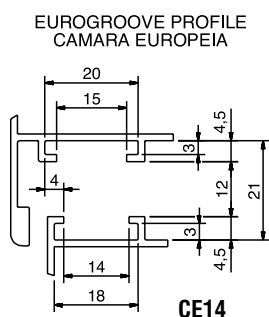
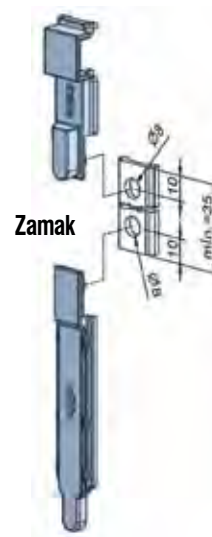
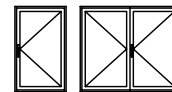
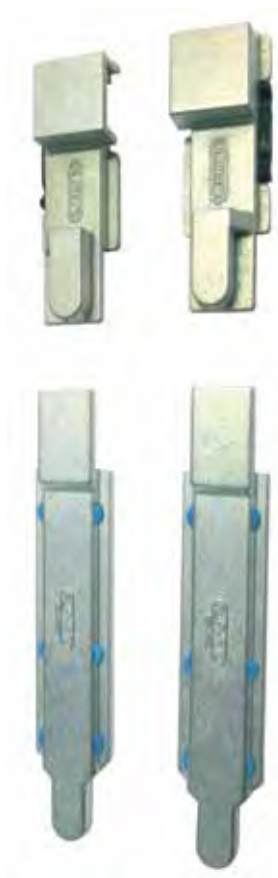
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COMPLEMENTOS E KITS

COMPLEMENTS | KITS
COMPLEMENTOS | KITS
COMPLÉMENTS | KITS

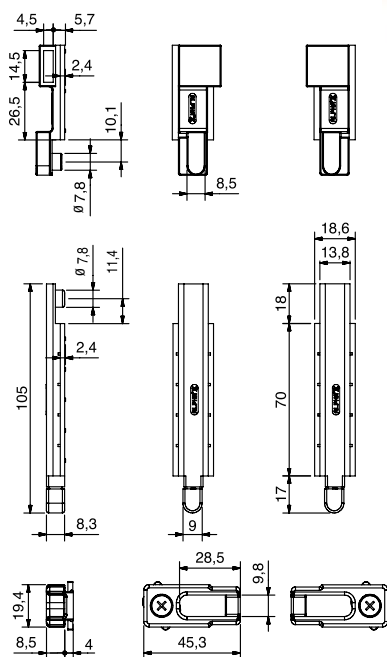
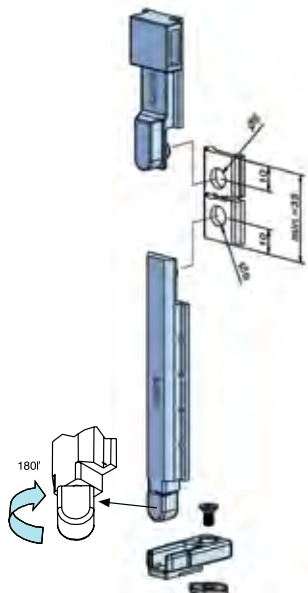
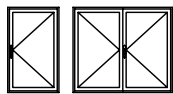


Kit folha móvel (terminal afinável e encontro)
 Leaf kit (terminal with tuning tip and locking meeting)
 Kit hoja (pasador de ferrule regulable y cerradero)
 Kit vantaux (verrou dans bague réglable et réunion de clôture)

COMPLEMENTOS / KITS

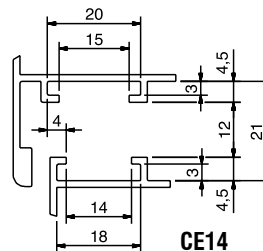


33013



Porca e parafuso em inox

EUROGROOVE PROFILE
CAMARA EUROPEIA



CE14

EMBALAGEM

Caixa com 30 unidades. 2125 grs.

MATERIAIS

Nylon reforçado e inox

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Preto

NORMAS

-

OBSERVAÇÕES

Ponteira regulável

PACKAGING

Box with 30 units. 2125 grs.

MATERIALS

Nylon reinforced and stainless steel

FIXING

Fast fixation in stainless steel

FINISHING

Black

STANDARD

-

COMMENTS

Adustable tip

EMPAQUETADO

Caja con 30 unidades. 2125 grs.

MATERIALES

Nylon reforzado y acero inox

FIJACIÓN

Fijación rápida en acero inox

ACABADOS

Negro

NORMAS

-

OBSERVACIONES

Punta regulable

EMBALLAGE

Boîte avec 30 unités. 2125 grs.

MATÉRIELS

Nylon renforcé et acier inox

FIXATION

Fixation rapide en acier inox

FINITIONS

Noir

NORMATIF

-

OBSERVATIONS

Pointe réglable

ALPHA

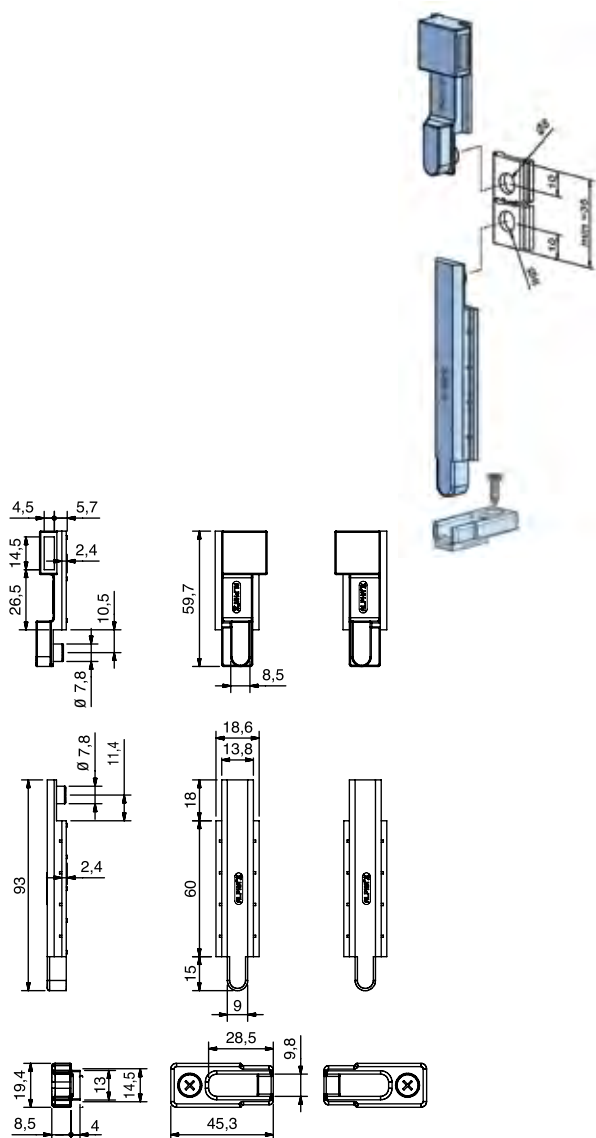
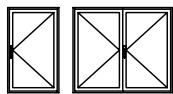
Kit folha móvel (terminal e encontro)
 Leaf kit (terminal and locking meeting)
 Kit hoja (pasador cerradero)
 Kit vantaux (verrou et réunion de clôture)

COMPLEMENTOS / KITS

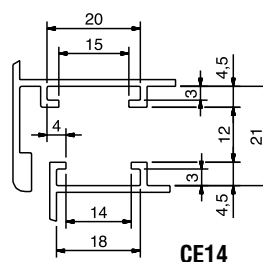


S2

ALPHA



EUROGROOVE PROFILE
CAMARA EUROPEIA



EMBALAGEM

Caixa com 20 unidades. 970 grs.

MATERIAIS

Nylon reforçado

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Preto natural

NORMAS

-

OBSERVAÇÕES

-

PACKAGING

Box with 20 units. 970 grs.

MATERIALS

Nylon reinforced

FIXING

Screws (included)

FINISHING

Natural black

STANDARD

-

COMMENTS

-

EMPAQUETADO

Caja con 20 unidades. 970 grs.

MATERIALES

Nylon reforzado

FIJACIÓN

Tomillos (incluidos)

ACABADOS

Negro natural

NORMAS

-

OBSERVACIONES

-

EMBALLAGE

Boîte avec 20 unités. 970 grs.

MATÉRIELS

Nylon renforcé

FIXATION

Vis (inclus)

FINITIONS

Noir naturel

NORMATIF

-

OBSERVATIONS

-

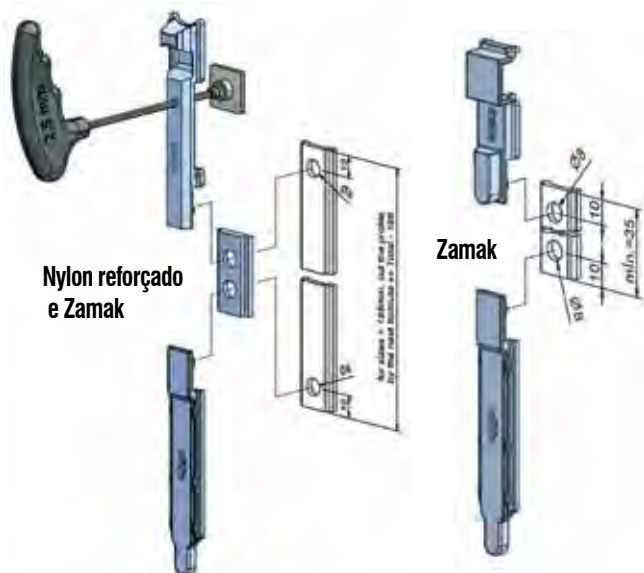
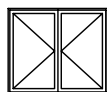
Kit 2 folhas para câmara europeia
1st and 2nd leaf kit for E. G. series
Kit 2 hojas practicables para camara Europea
Kit 2 vantaux pour C. E.

COMPLEMENTOS / KITS



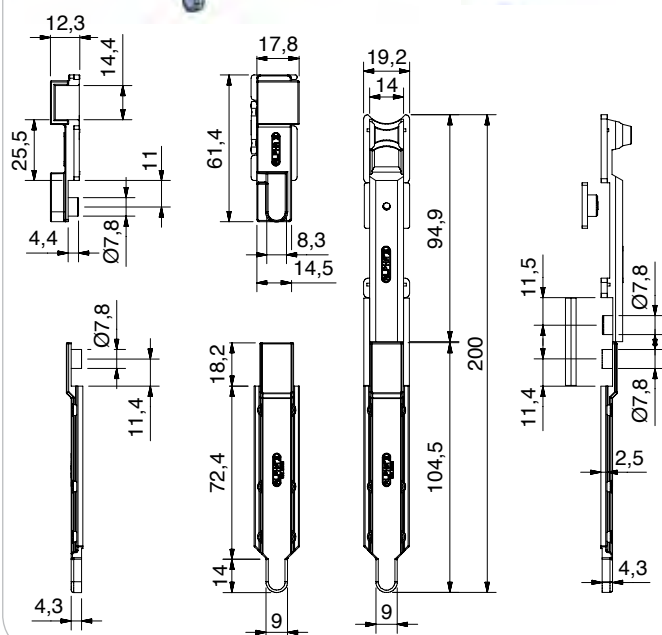
33040

ALPHA

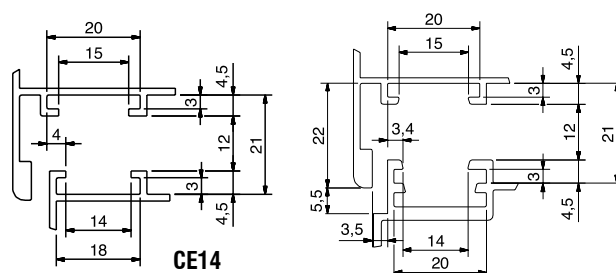


Nylon reforçado
e Zamak

Zamak



EUROGROOVE PROFILE
CAMARA EUROPEIA



CE14

EMBALAGEM

Caixa com 20 unidades. 3095 gr.

MATERIAIS

Zamak e nylon reforçado

FIXAÇÃO

-

ACABAMENTO

Zincado

NORMAS

EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 20 units. 3095 gr.

MATERIALS

Zamak and nylon reinforced

FIXING

-

FINISHING

Zinc

STANDARD

EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 20 unidades. 3095 gr.

MATERIALES

Zamak y nylon reforzado

FIJACIÓN

-

ACABADOS

Zinc

NORMAS

EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 20 unités. 3095 gr.

MATÉRIELS

Zamak et nylon renforcé

FIXATION

-

FINITIONS

Zinc

NORMATIF

EN 1670

OBSERVATIONS

-

33001
33003



COMPLEMENTOS / KITS

Kit 2ª folha com ponteira para C.E.
Passive leaf kit with terminal for E. G. series
Kit hoja pasiva con pasador para C.E.
Kit feuille passive avec verrou pour C. E.

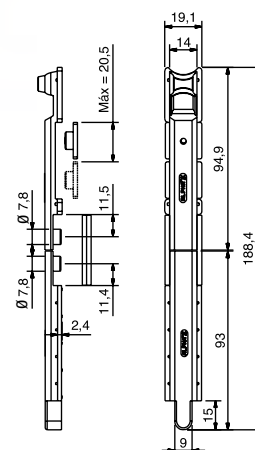
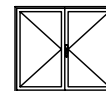
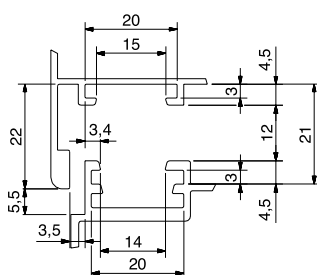
ALPHA



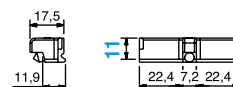
EUROGROOVE PROFILE
CAMARA EUROPEIA

Compatível com
Suitable also with
Compatible con
Compatible avec

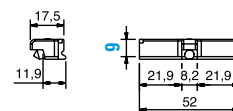
CÂMARA EUROPEIA
CE10
CE12
CE14



33001



33003
(baixo) / (low)
(bajo) / (bas)



EMBALAGEM

Caixa com 50 unidades.
33001 - 2245 gr. 33003 - 2165 gr.

MATERIAIS

Zamak e nylon reforçado

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Preto

NORMAS

EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 50 units.
33001 - 2245 gr. 33003 - 2165 gr.

MATERIALS

Zamak and nylon reinforced

FIXING

Fast fixation in stainless steel

FINISHING

Black

STANDARD

EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 50 unidades.
33001 - 2245 gr. 33003 - 2165 gr.

MATERIALES

Zamak y nylon reforzado

FIJACIÓN

Fijación rápida en acero inox

ACABADOS

Negro

NORMAS

EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 50 unités.
33001 - 2245 gr. 33003 - 2165 gr.

MATÉRIELS

Zamak et nylon renforcé

FIXATION

Fixation rapide en acier inox

FINITIONS

Noir

NORMATIF

EN 1670

OBSERVATIONS

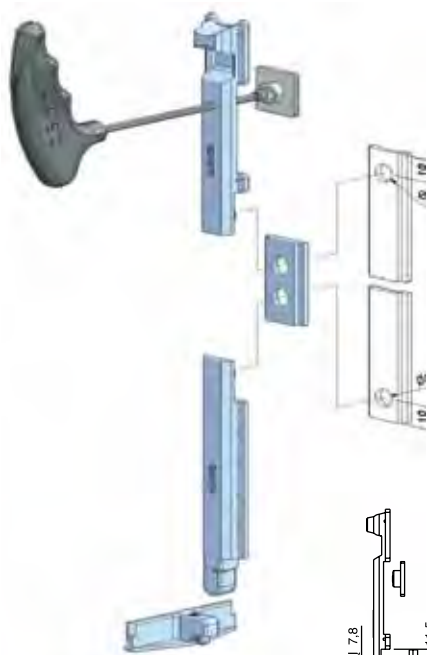
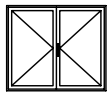
-

Kit 2ª folha com ponteira **afinável** para C.E.
 Passive leaf kit with terminal with **tuning tip** for E. G. series
 Kit hoja pasiva con pasador de **ferrule regulable** para C.E.
 Kit feuille passive avec verrou de **bague réglable** pour C. E.

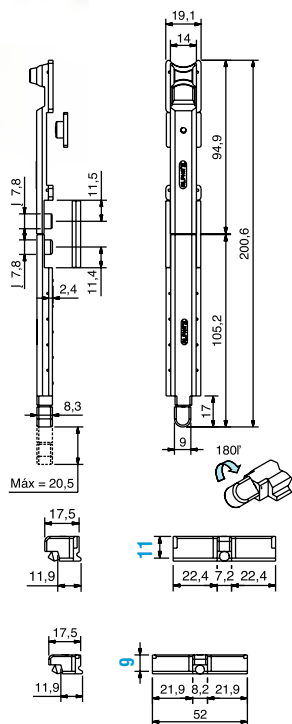
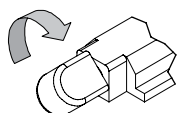
COMPLEMENTOS / KITS



33015
33041



Ponteira afinável / Tuning tip
Ferrule regulable / Bague réglable



33015

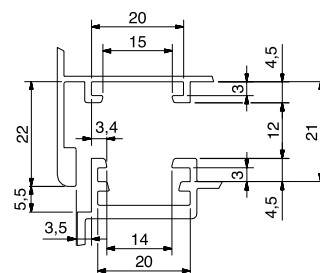
33041
(baixo) / (low)
(bajo) / (bas)



EUROGROOVE PROFILE
CAMARA EUROPEIA

Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE10
CE12
CE14



ALPHA

EMBALAGEM

Caixa com 50 unidades.
33015 - 2730 gr. **33041** - 2245 gr.

MATERIAIS

Zamak e nylon reforçado

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Preto

NORMAS

EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 50 units.
33015 - 2730 gr. **33041** - 2245 gr.

MATERIALS

Zamak and nylon reinforced

FIXING

Fast fixation in stainless steel

FINISHING

Black

STANDARD

EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 50 unidades.
33015 - 2730 gr. **33041** - 2245 gr.

MATERIALES

Zamak y nylon reforzado

FIJACIÓN

Fijación rápida en acero inox

ACABADOS

Negro

NORMAS

EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 50 unités.
33015 - 2730 gr. **33041** - 2245 gr.

MATÉRIELS

Zamak et nylon renforcé

FIXATION

Fixation rapide en acier inox

FINITIONS

Noir

NORMATIF

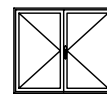
EN 1670

OBSERVATIONS

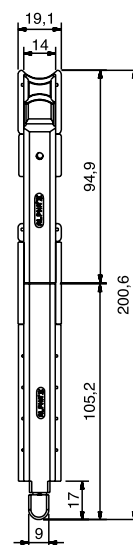
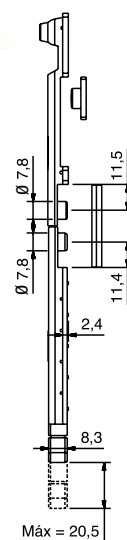
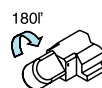
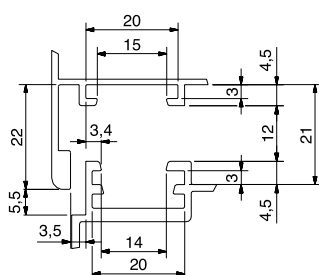
-



ALPHA



EUROGROOVE PROFILE
CAMARA EUROPEIA

**EMBALAGEM**

Caixa com 50 unidades. 1725 grs.

MATERIAIS

Nylon reforçado

FIXAÇÃO

-

ACABAMENTO

Preto

NORMAS

-

OBSERVAÇÕES

-

PACKAGING

Box with 50 units. 1725 grs.

MATERIALS

Nylon reinforced

FIXING

-

FINISHING

Black

STANDARD

-

COMMENTS

-

EMPAQUETADO

Caja con 50 unidades. 1725 grs.

MATERIALES

Nylon reforzado

FIJACIÓN

-

ACABADOS

Negrol

NORMAS

-

OBSERVACIONES

-

EMBALLAGE

Boîte avec 50 unités. 1725 grs.

MATÉRIELS

Nylon renforcé

FIXATION

-

FINITIONS

Noir

NORMATIF

-

OBSERVATIONS

-

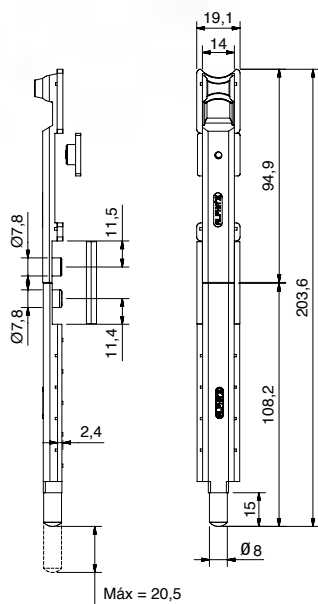
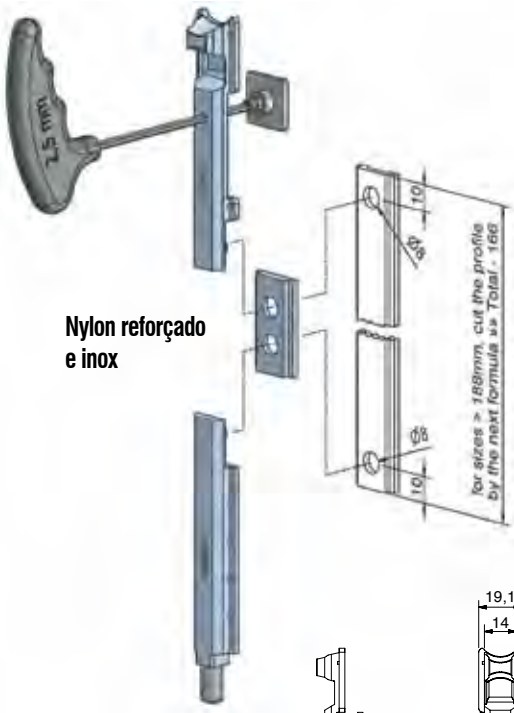
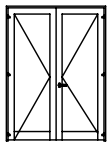
Kit 2ª folha com ponteira **inox Ø8** para C.E.
Passive leaf kit with terminal with **Ø8 tip** for E. G. series
Kit hoja pasiva con pasador de **ferrule Ø8** para C.E.
Kit feuille passive avec verrou de **bague Ø8** pour C. E.

COMPLEMENTOS / KITS

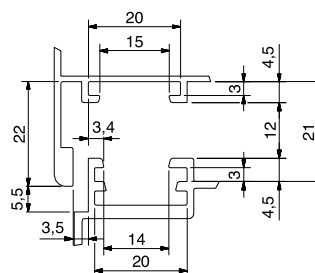


33038

ALPHA



EUROGROOVE PROFILE
CAMARA EUROPEIA



EMBALAGEM

Caixa com 50 unidades.

MATERIAIS

Nylon reforçado e aço inox

FIXAÇÃO

-

ACABAMENTO

Preto

NORMAS

EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 50 units.

MATERIALS

Nylon reinforced and stainless steel

FIXING

-

FINISHING

Black

STANDARD

EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 50 unidades.

MATERIALES

Nylon reforzado y acero inox

FIJACIÓN

-

ACABADOS

Negro

NORMAS

EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 50 unités.

MATÉRIELS

Nylon renforcé et acier inox

FIXATION

-

FINITIONS

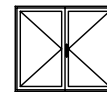
Noir

NORMATIF

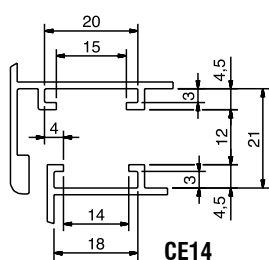
EN 1670

OBSERVATIONS

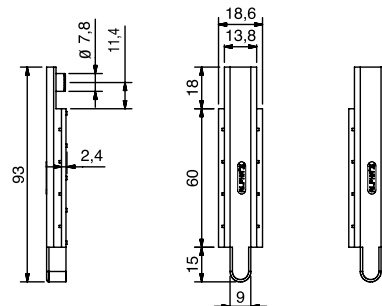
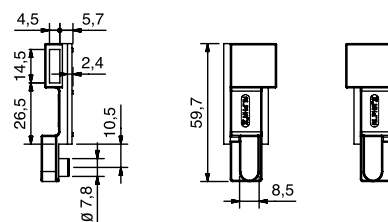
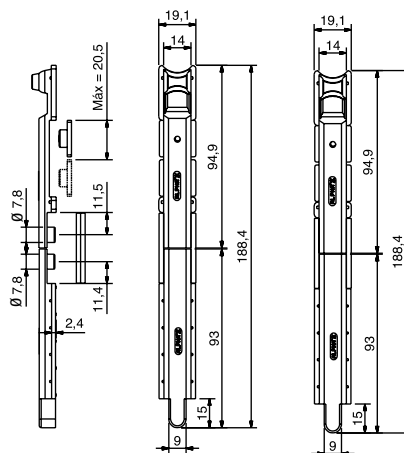
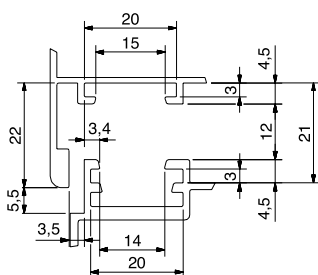
-



EUROGROOVE PROFILE
CAMARA EUROPEIA



CE14



EMBALAGEM

Caixa com 20 unidades.

MATERIAIS

Nylon reforçado

FIXAÇÃO

-

ACABAMENTO

Preto

NORMAS

EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 20 units.

MATERIALS

Nylon reinforced

FIXING

-

FINISHING

Black

STANDARD

EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 20 unidades.

MATERIALES

Nylon reforzado

FIJACIÓN

-

ACABADOS

Negro

NORMAS

EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 20 unités.

MATÉRIELS

Nylon renforcé

FIXATION

-

FINITIONS

Noir

NORMATIF

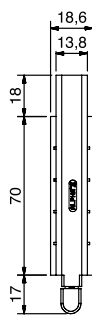
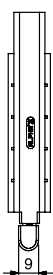
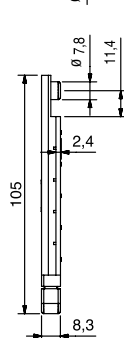
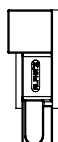
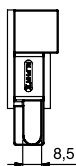
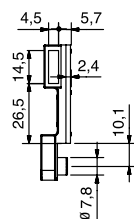
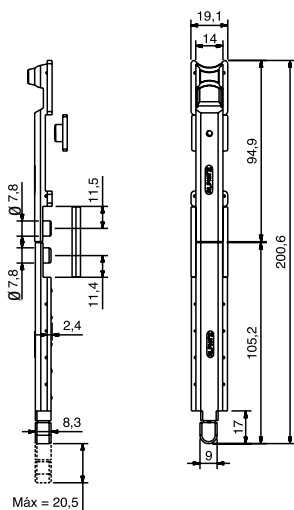
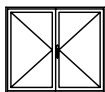
EN 1670

OBSERVATIONS

-

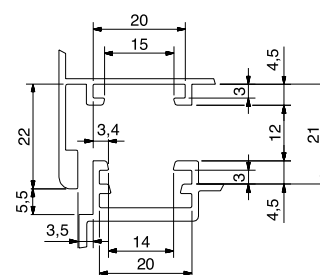
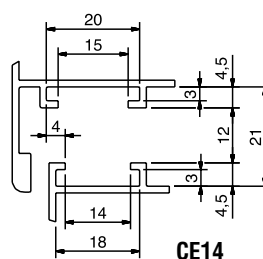
Kit 2 vantaux avec verrou de **bague réglable** pour C. E.

33043



Ponteira afinável / Tuning tip
Ferrule regulable / Baque réglable

180°

EUROGROOVE PROFILE
CAMARA EUROPEIA

CE14

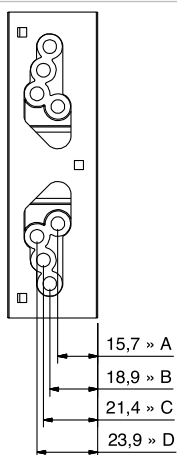
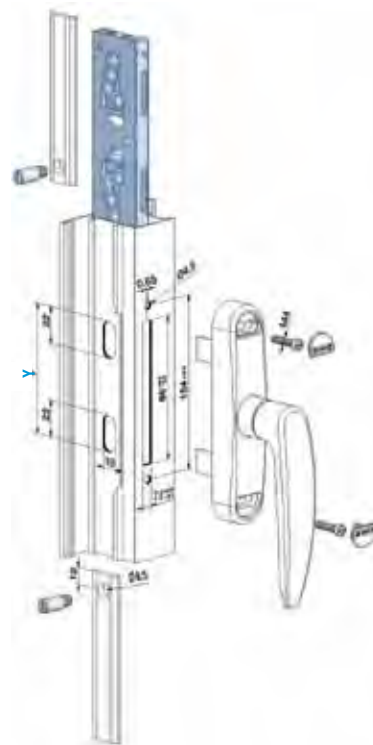
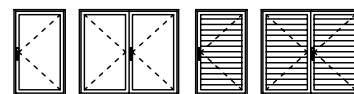
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Q

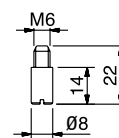
1



ALPHA



Pos.	Paraf.	Y
A		57mm
B		104mm
C		86mm
D		67mm

**EMBALAGEM**

Caja com 20 unidades. 1135 gr.

MATERIAIS

Nylon, alumínio e inox

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Natural

NORMAS

CE 13126-8 / EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 20 units. 1135 gr.

MATERIALS

Nylon, aluminium and stainless steel

FIXING

Screws (included)

FINISHING

Natural

STANDARD

CE 13126-8 / EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 20 unidades. 1135 gr.

MATERIALES

Nylon, aluminio y acero inox

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Natural

NORMAS

CE 13126-8 / EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 20 unités. 1135 gr.

MATÉRIELS

Nylon, aluminium et acier inox

FIXATION

Vis (inclus)

FINITIONS

Naturel

NORMATIF

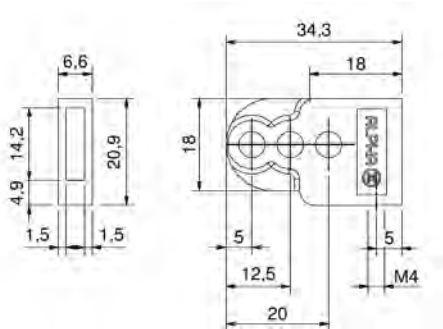
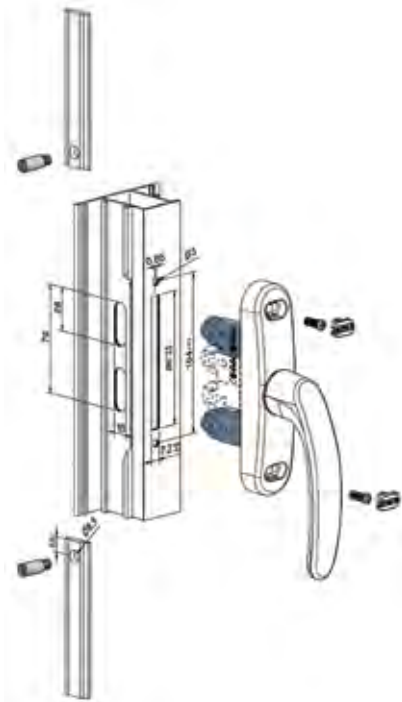
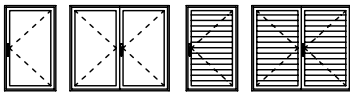
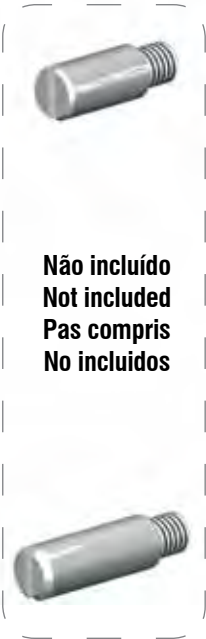
CE 13126-8 / EN 1670

OBSERVATIONS

-



ALPHA



	Cod.	
	INOX	AÇO NIQ.
16mm	33044	33045
23mm	33046	33047

Pernos de ligação não incluídos.
Connection pins not included.
Tornillos de ligacion no incluidos.
Lien boulons pas inclus.

EMBALAGEM
Caixa com 50 unidades.

MATERIAIS
Zamak, aço niq./inox

FIXAÇÃO

ACABAMENTO
Zincado

NORMAS

OBSERVAÇÕES

PACKAGING
Box with 50 units.

MATERIAIS
Zamak, plated steel/stainless steel

FIXING

FINISHING
Zinc

STANDARD

COMMENTS

EMPAQUETADO
Caja con 50 unidades.

MATERIALES
Zamak, acero niq./acero inox

FIJACIÓN

ACABADOS
Zinc

NORMAS

OBSERVACIONES

EMBALLAGE
Boîte avec 50 unités.

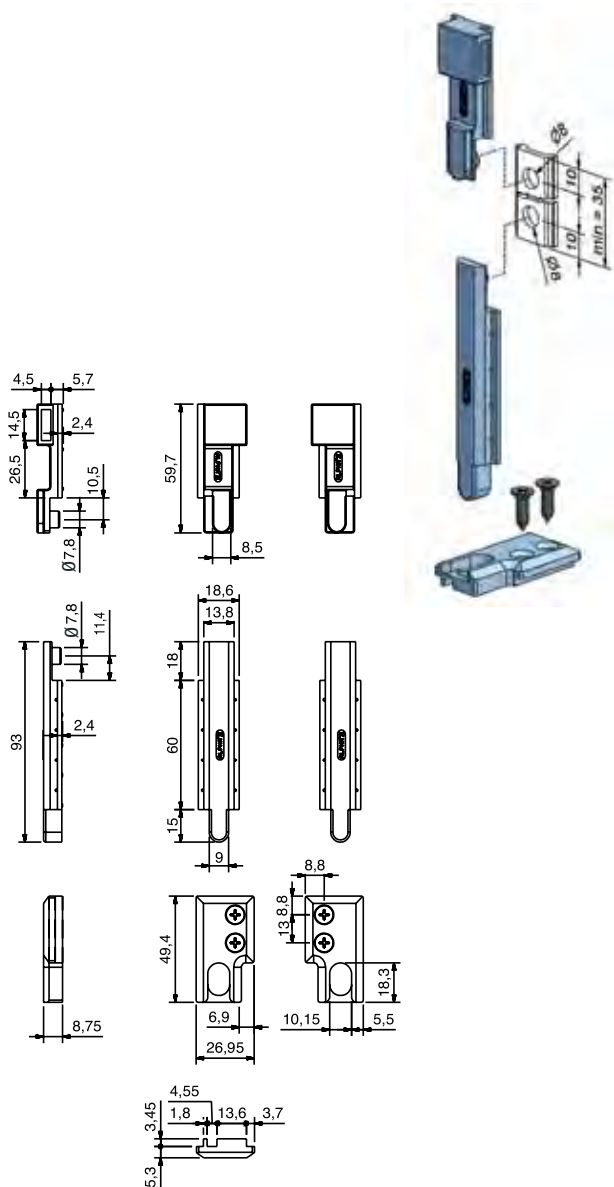
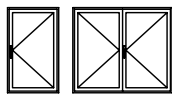
MATÉRIELS
Zamak, acier pla./acier inox

FIXATION

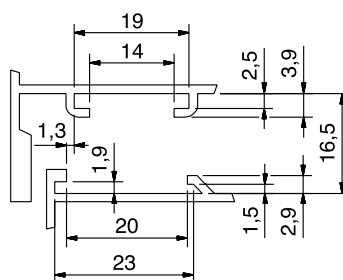
FINITIONS
Zinc

NORMATIF

OBSERVATIONS



PROFILE / CAMARA



EMBALAGEM

Caixa com 20 unidades. 1010 grs.

MATERIAIS

Nylon reforçado

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Preto

NORMAS

-

OBSERVAÇÕES

-

PACKAGING

Box with 20 units. 1010 grs.

MATERIALS

Nylon reinforced

FIXING

Screws (included)

FINISHING

Black

STANDARD

-

COMMENTS

-

EMPAQUETADO

Caja con 20 unidades. 1010 grs.

MATERIALES

Nylon reforzado

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Negro

NORMAS

-

OBSERVACIONES

-

EMBALLAGE

Boîte avec 20 unités. 1010 grs.

MATÉRIELS

Nylon renforcé

FIXATION

Vis (inclus)

FINITIONS

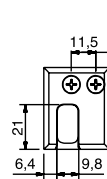
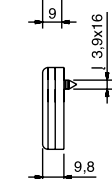
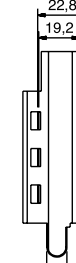
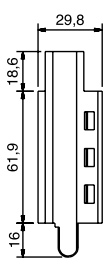
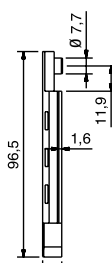
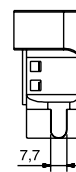
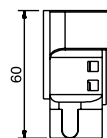
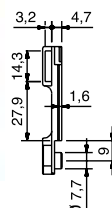
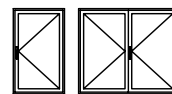
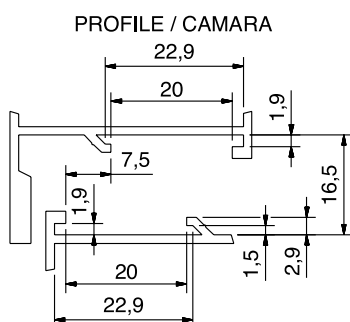
Noir

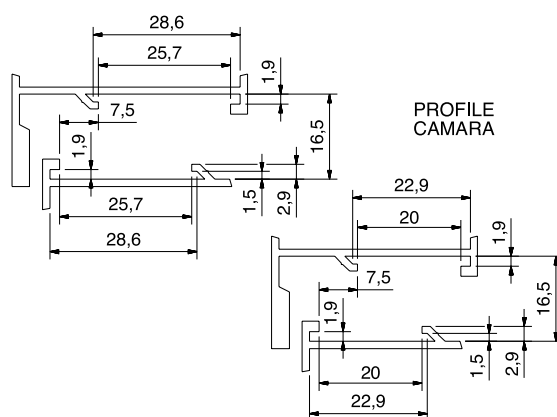
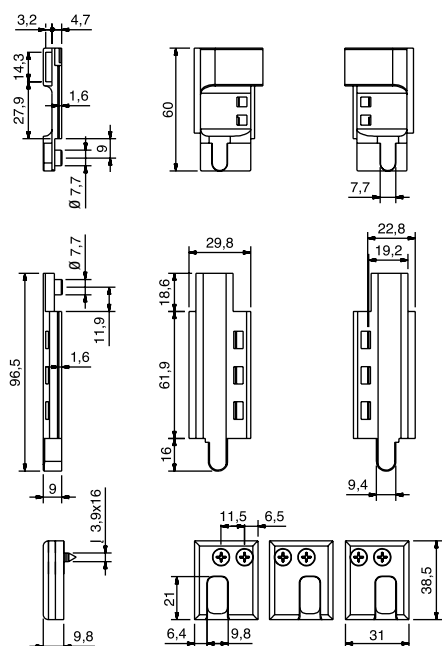
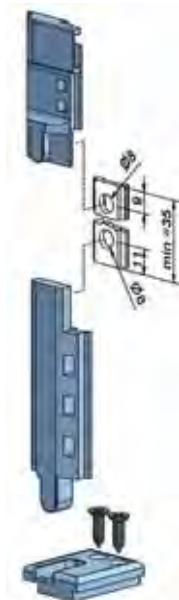
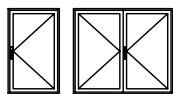
NORMATIF

-

OBSERVATIONS

-





EMBALAGEM

Caixa com 20 unidades. 1500 grs.

MATERIAIS

Nylon reforçado

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Preto

NORMAS

-

OBSERVAÇÕES

-

PACKAGING

Box with 20 units. 1500 grs.

MATERIALS

Nylon reinforced

FIXING

Screws (included)

FINISHING

Black

STANDARD

-

COMMENTS

-

EMPAQUETADO

Caja con 20 unidades. 1500 grs.

MATERIALES

Nylon reforzado

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Negro

NORMAS

-

OBSERVACIONES

-

EMBALLAGE

Boîte avec 20 unités. 1500 grs.

MATÉRIELS

Nylon renforcé

FIXATION

Vis (inclus)

FINITIONS

Noir

NORMATIF

-

OBSERVATIONS

-



COMPLEMENTOS / KITS

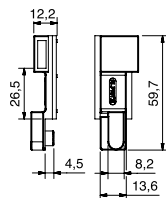
ALPHA

Cod 33008

Kit de ligação às cremones / Cremona connection kit
Kit para conexión de cremona / Kit de connexion pour cremone



Nylon



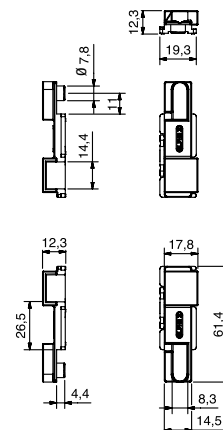
Emb. 100 un. gr/emb. 1750

Cod 33033

Kit de Ligação às cremones / Cremona connection kit
Kit para conexión de cremona / Kit de connexion pour cremone



Zamak



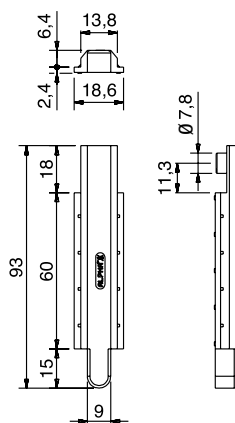
Emb. 20 un. gr/emb. 1118

Cod 33005

Ponteira / Terminal / Pasador / Verrou



Nylon

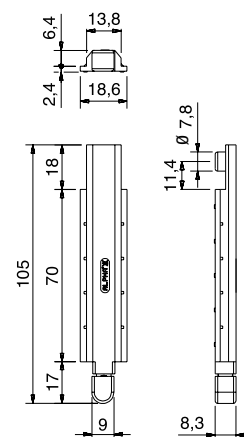
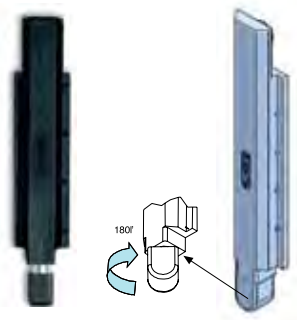


Emb. 50 un. gr/emb. 440

Cod 33007

CE 13126-8

Ponteira com ponteira afinável / Terminal with tuning tip
Pasador con ferrure regulable / Verrou avec bague réglable



Emb. 50 un. gr/emb. 920

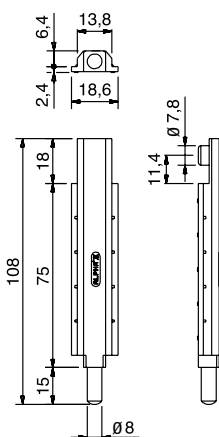
Cod 33006

CE 13126-8

Ponteira com ponta inox ø8 mm / Terminal with stainless steel tip ø8 mm
Pasador con ferrure en acero inox ø8 mm / Verrou avec bague inox ø8 mm



INOX ø8mm



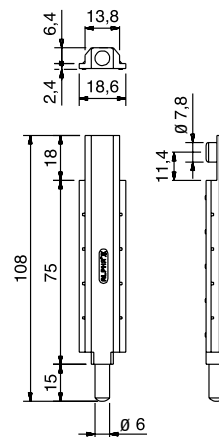
Emb. 50 un. gr/emb. 1095

Cod 33017

Ponteira com ponta inox ø6 mm / Terminal with stainless steel tip ø6 mm
Pasador con ferrure en acero inox ø6 mm / Verrou avec bague inox ø6 mm



INOX ø6mm



Emb. 50 un. gr/emb. 965



Cod 33023

CE 13126-8

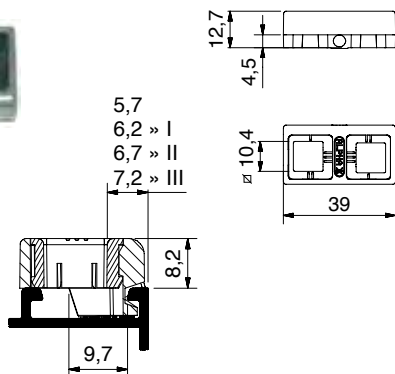
Encontro de fecho / Locking meeting / Cerradero / Réunion de clôture



Nylon e zamak

Compatível com
Suitable also with
Compatible con
Compatible avec

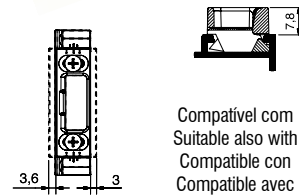
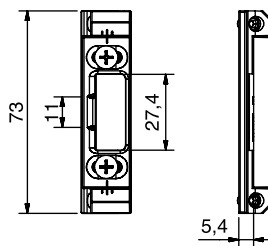
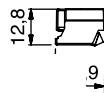
CÂMARA EUROPEIA
CE14
CE12
CE10



Emb. 50 un. gr/emb. 1635

Cod 18234

Encontro de fecho / Locking meeting / Cerradero / Réunion de clôture



Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE14

Emb. 30 un. gr/emb. 1810

Cod 33004

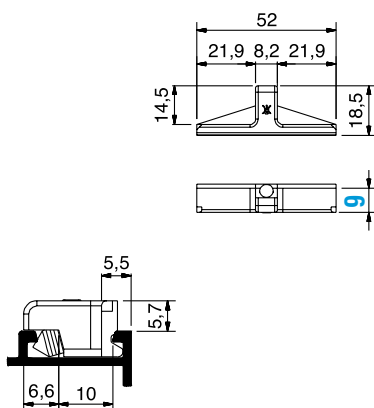
Encontro de fecho **baixo** / Lower locking meeting
Cerradero **bajo** / Réunion de clôture **bas**



Zamak

Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE14
CE12
CE10



Emb. 100 un. gr/emb. 1710

Cod 33022

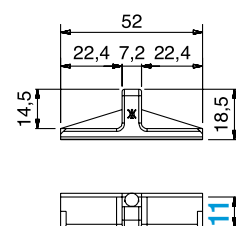
Encontro de fecho / Locking meeting / Cerradero / Réunion de clôture



Zamak

Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE14
CE12
CE10

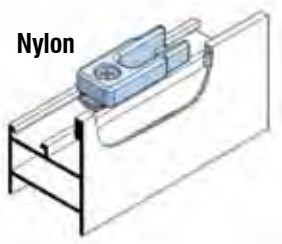


Emb. 100 un. gr/emb. 1895

Cod 33009

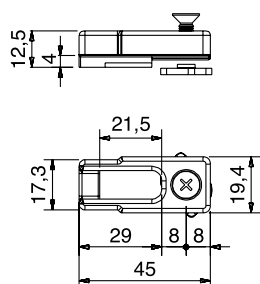
Encontro de fecho / Locking meeting / Cerradero / Réunion de clôture

Nylon



Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE14



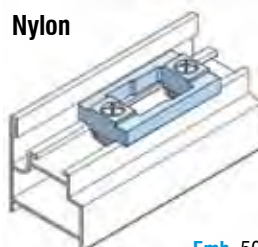
Emb. 200 un. gr/emb. 2385

Cod 33010

Encontro de fecho / Locking meeting / Cerradero / Réunion de clôture

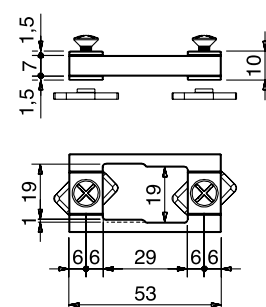


Nylon



Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE14



Emb. 50 un. gr/emb. 915

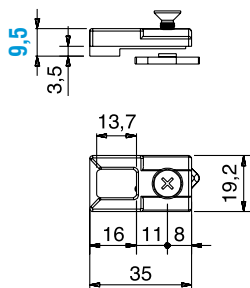
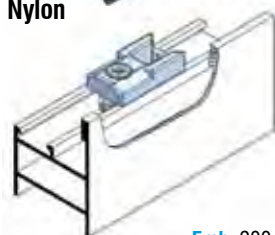


Cod 33018

Encontro de fecho **baixo** / **Lower** locking meeting
Cerradero **bajo** / Réunion de clôture **bas**



Nylon



Compatível com
Suitable also with
Compatible con
Compatible avec

Emb. 200 un. gr/emb. 2410

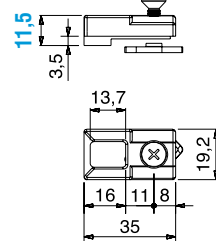
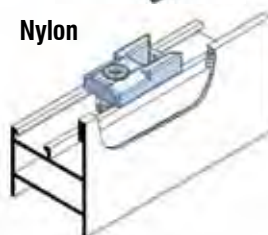
CÂMARA EUROPEIA
CE14

Cod 33019

Encontro de fecho / Locking meeting / Cerradero / Réunion de clôture



Nylon



Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE14

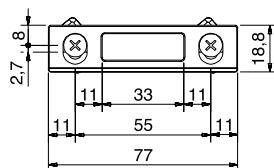
Emb. 200 un. gr/emb. 2410

Cod 33020

Encontro de fecho **baixo** / **Lower** locking meeting
Cerradero **bajo** / Réunion de clôture **bas**



Nylon



Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE14

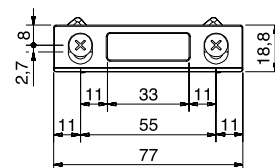
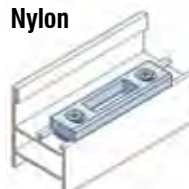
Emb. 200 un. gr/emb. 2410

Cod 33021

Encontro de fecho / Locking meeting / Cerradero / Réunion de clôture



Nylon



Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE14

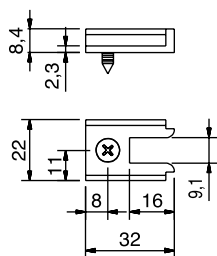
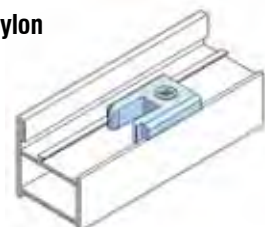
Emb. 200 un. gr/emb. 2410

Cod 15811

Encontro de fecho / Locking meeting / Cerradero / Réunion de clôture



Nylon



Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE14

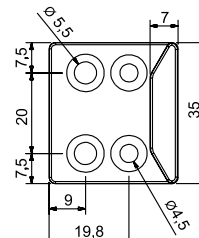
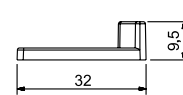
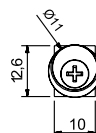
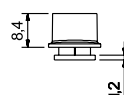
Emb. 500 un. gr/emb. 1260

Cod 9313

CE 13126-8

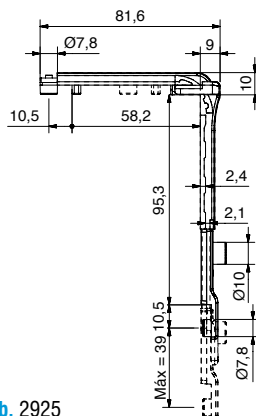
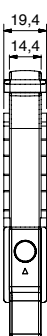
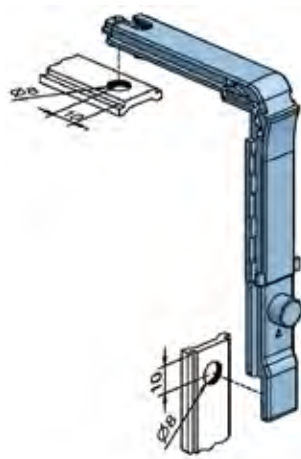
Ponto de fecho suplementar
Additional locking point

Pestillo y cerradero para cierre adicional
Verrouillage réglable supplémentaire



Emb. 50 un. gr/emb. 1790

CF 13126-8

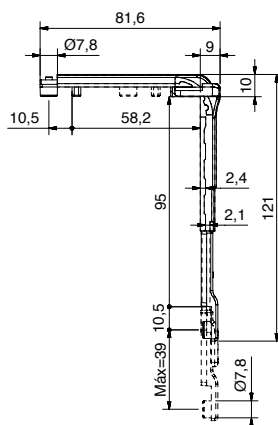
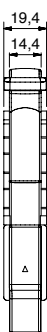
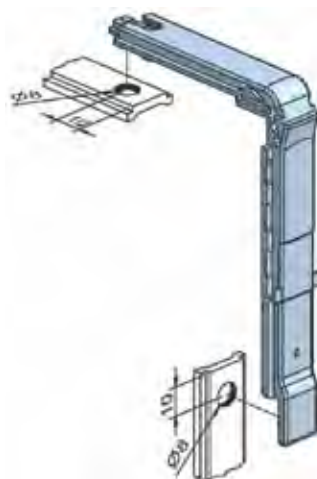


Zamak

CF 13126-8

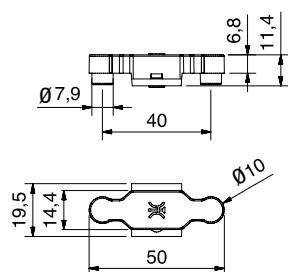


Zamak

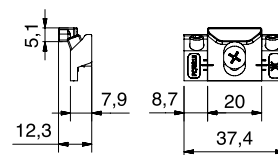


Zamak

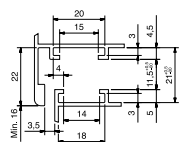
Ponto de fecho suplementar regulável / Additional adjustable locking point
 Pestillo regulable y cerradero para cierre adicional
 Verrouillage réglable supplémentaire



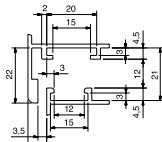
Zamak



CAMARA EUROPEIA
EUROGROOVE PROFILE
CÁMARA EUROPEA
CHAMBRE EUROPÉENNE



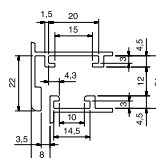
CE14



CE12

Emb. 50 un. gr/emb. 2535

CAMARA EUROPEIA
EUROGROOVE PROFILE
CÁMARA EUROPEA
CHAMBRE EUROPÉENNE



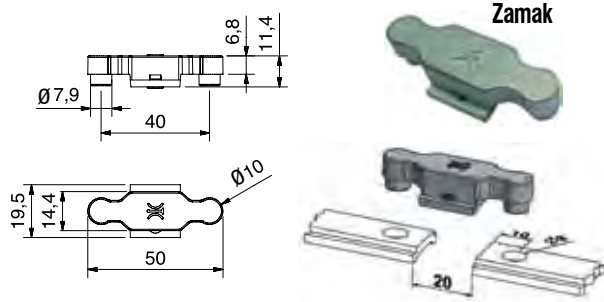
CE10



COMPLEMENTOS / KITS

Cod 18252

Ponto de fecho suplementar / Additional locking point
Pestillo para cierre adicional
Verrouillage supplémentaire



Emb. 50 un. gr/emb. 2700

Cod 18253

Encontro de fecho regulável / Adjustable keeper
Encuentro de cierre regulable / Réunion de clôture réglable

CE14 e CE12

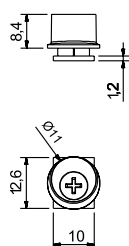


Emb. 100 un. gr/emb. 2235

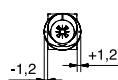
Cod 9316

Ponto de fecho suplementar / Additional locking point
Cierre adicional / Verrouillage réglable supplémentaire

Zamak



Regulação da pressão da folha
Leaf pressure setting
Regulación presión hoja
Réglage pression vantail

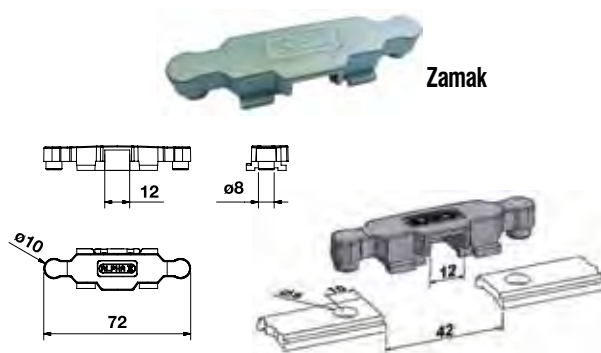


Emb. 100 un. gr/emb. 805

Cod 70077

Peça de ligação a cremone / Transmission cremone cover
Union de cremone / Connexion pour cremone

Zamak

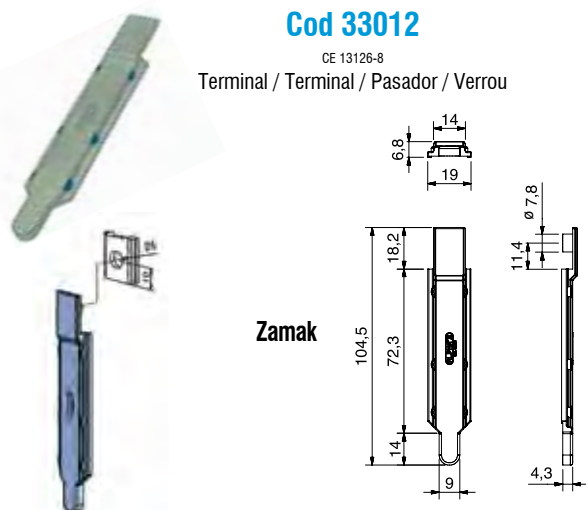


Emb. 1 un. gr/emb. 35

Cod 33012

CE 13126-8

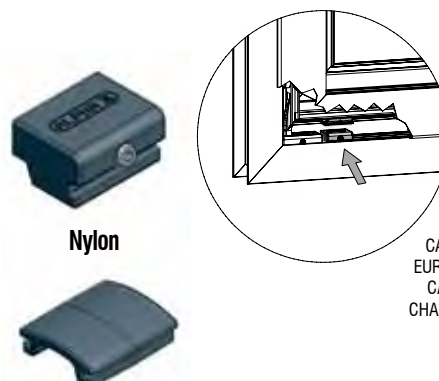
Terminal / Terminal / Pasador / Verrou



Emb. 100 un. gr/emb. 2785

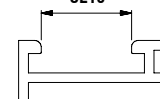
Cod 18221

Calço de ajuste / Wedge / Calzo / Cale



CAMARA EUROPEIA
EUROGROOVE PROFILE
CÁMARA EUROPEA
CHAMBRE EUROPÉENNE
CE14
CE12
CE10

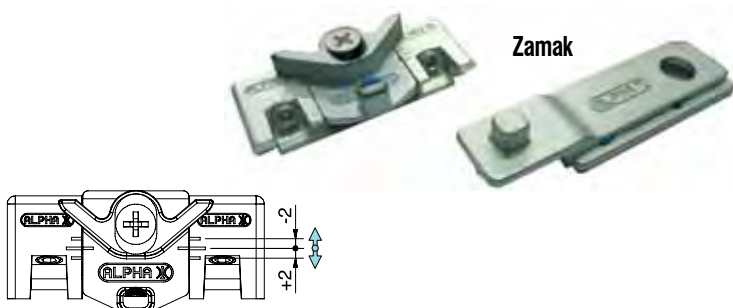
Emb. 50 un. gr/emb. 3850





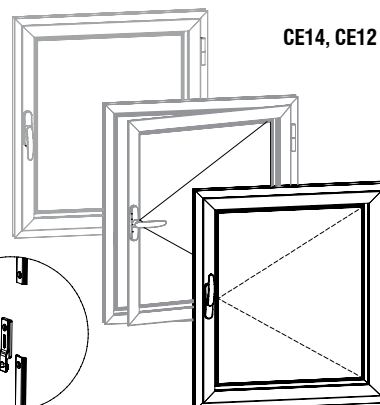
Cod Microven

Microventilação / Microventilation / Microventilación / Microventilation



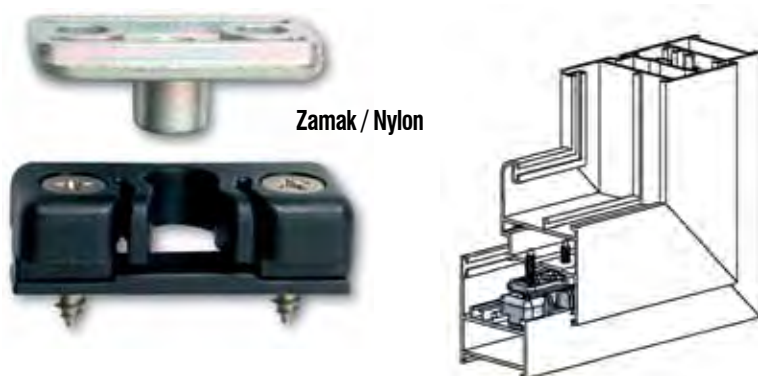
Regulação de entrada de ar
Air intake setting
Regulation de entrada de aire
Réglage admission de air

Emb. 20 un. gr/emb. 1090

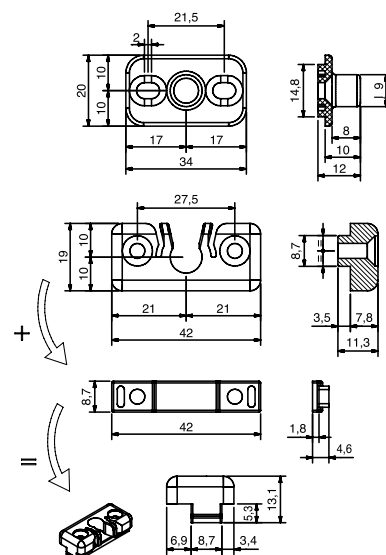


Cod 33011 (2F-AT)

Fecho automático de folha passiva / Automatic passive leaf stop
Retenedor automático para hojas pasivas / Reteneur automatique pour feuilles passives

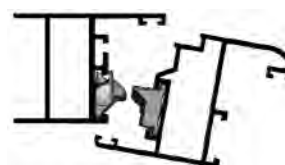
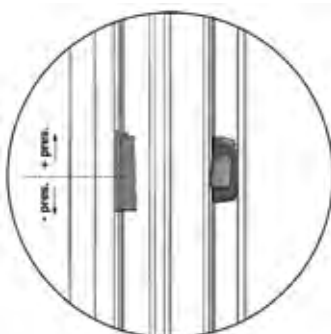


Emb. 50 un. gr/emb. 1260

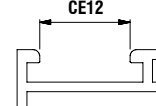


Cod 18230

Ponto de fecho de rampa / Locking point / Punto de cierre / Appui



CÂMARA EUROPEIA
EUROGROOVE PROFILE
CÁMARA EUROPEA
CHAMBRE EUROPÉENNE
CE14
CE12



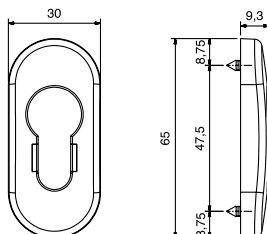
Emb. 50 un. gr/emb. 1265



COMPLEMENTOS / KITS

Cod 33042

Espelho para cilindro / Lock shield for cylinder
Escudo para cilindro / Rosette pour cylindre

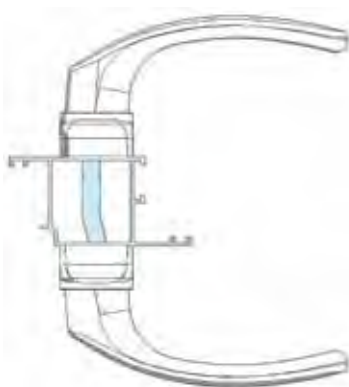


Alumínio
e nylon

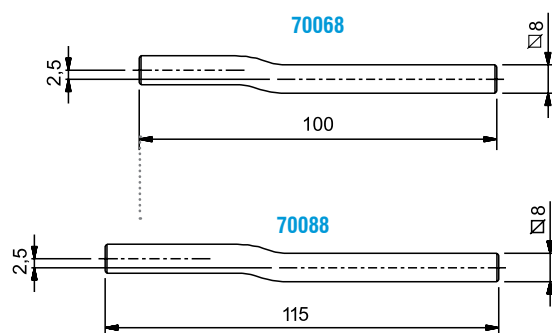
Emb. 25 un. gr/emb. 625

Cod 70068 / 70088

Vergalhão 8 descentrado 2,5mm / 8 square misaligned 2,5mm
Cuadradillo de 8 desplazado 2,5mm / Barreu de 8 désaligné 2,5mm



Emb. 6 un.



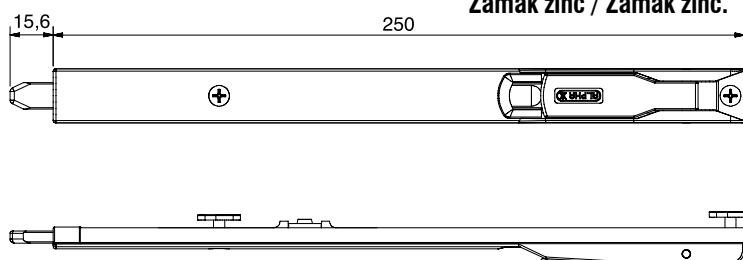
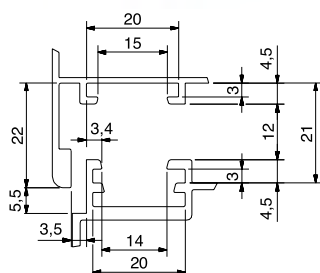
Aço zincado / Binc steel
Acero zinc / Acier zinc.

33035

Fecho 2ª folha para portas / Door lock for passive leaf / Pasador para passiva puertas / Verrou pour feuille passive porte



Zamak zincado / Zamak zinc.
Zamak zinc / Zamak zinc.



Emb. 10 un. gr/emb. 1400



FECHOS E COMPASSOS

LOCKS | ARMS
CIERRES | COMPÁS
FERRURES | COMPAS

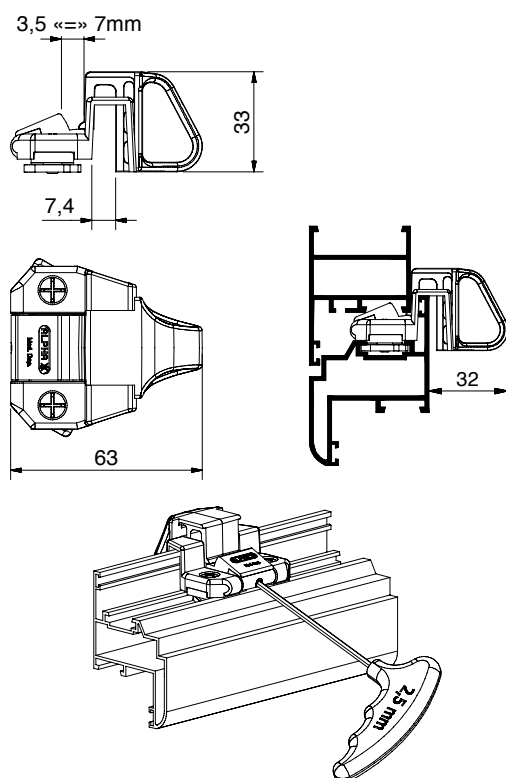




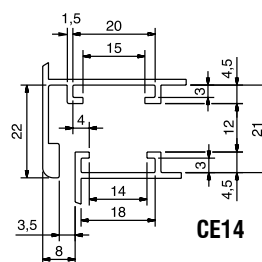
Mod. Dep.



509R



CÂMARA EUROPEIA



Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE10
CE12

EMBALAGEM

Caixa com 25 unidades. 2490 grs.

MATERIAIS

Zamak, nylon, inox

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Adapta-se a todo o tipo de perfis de alumínio

PACKAGING

Box with 25 units. 2490 grs.

MATERIALS

Zamak, nylon and stainless steel

FIXING

Fast fixation in stainless steel

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

It's compatible with all kind of aluminium profile

EMPAQUETADO

Caja con 25 unidades. 2490 grs.

MATERIALES

Zamak, nylon y acero inox

FIJACIÓN

Fijación rápida en acero inox

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Se adapta a todos los perfiles de aluminio

EMBALLAGE

Boîte avec 25 unités. 2490 grs.

MATÉRIELS

Zamak, nylon et acier inox

FIXATION

Fixation rapide en acier inox

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Adaptable à toutes les profiles d' aluminium

Compasso basculante p/ séries C.E.
Arm for E.G.
Compás para C. E.
Compas pour C.E.

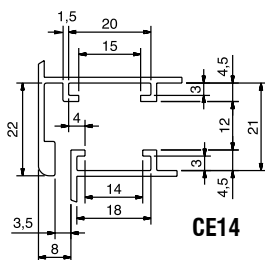
FECHOS E COMPASSOS



ALPHA



CÂMARA EUROPEIA



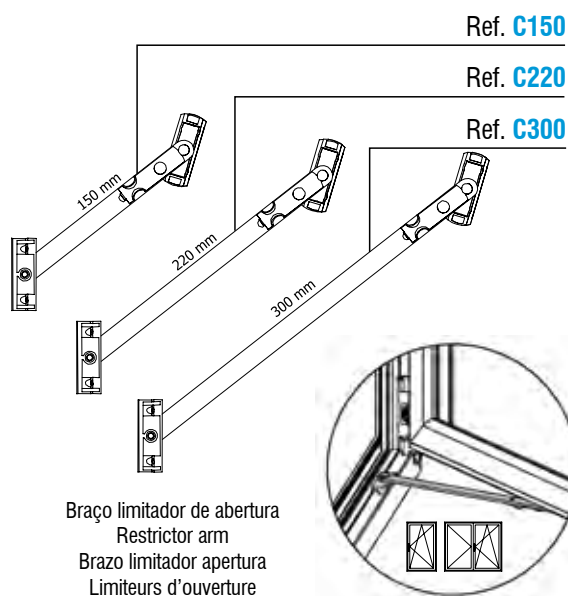
Compatível com
Suitable also with
Compatible con
Compatible avec

CÂMARA EUROPEIA
CE10
CE12

CE14



Mod. Dep.



Braço limitador de abertura
Restrictor arm
Brazo limitador apertura
Limiteurs d'ouverture

EMBALAGEM

C150 -20 pares. 3395grs. **C220** - 30 pares 5500grs. **C300** - 20 pares 4125grs.

MATERIAIS

Alumínio, zamak e inox

FIXAÇÃO

Fixação rápida em inox

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-1

OBSERVAÇÕES

Adapta-se a todo o tipo de janelas

PACKAGING

C150 -20 pairs 3395grs. **C220** - 30 pairs 5500grs. **C300** - 20 pairs 4125grs.

MATERIALS

Aluminium, zamak and stainless steel

FIXING

Fast fixation in stainless steel

FINISHING

Powder painting

STANDARD

EN 1670, 13126-1

COMMENTS

It's compatible with all kind of windows

EMPAQUETADO

C150 -20 juegos 3395grs. **C220** -30 juegos 5500grs. **C300** - 20 juegos 4125grs.

MATERIALES

Aluminio, zamak y inox

FIJACIÓN

Fijación rápida en acero inox

ACABADOS

Lacado

NORMAS

EN 1670, 13126-1

OBSERVACIONES

Se adapta a todo tipo de ventanas

EMBALLAGE

C150 -20 pairs 3395grs. **C220** - 30 pairs 5500grs. **C300** - 20 pairs 4125grs.

MATÉRIELS

Aluminium, zamak et acier inox

FIXATION

Fixation rapide en acier inox

FINITIONS

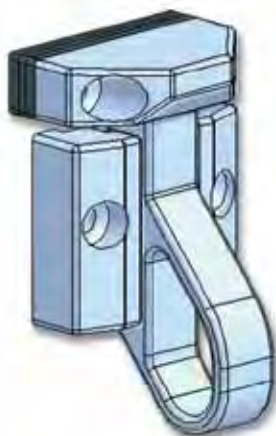
Laqué

NORMATIF

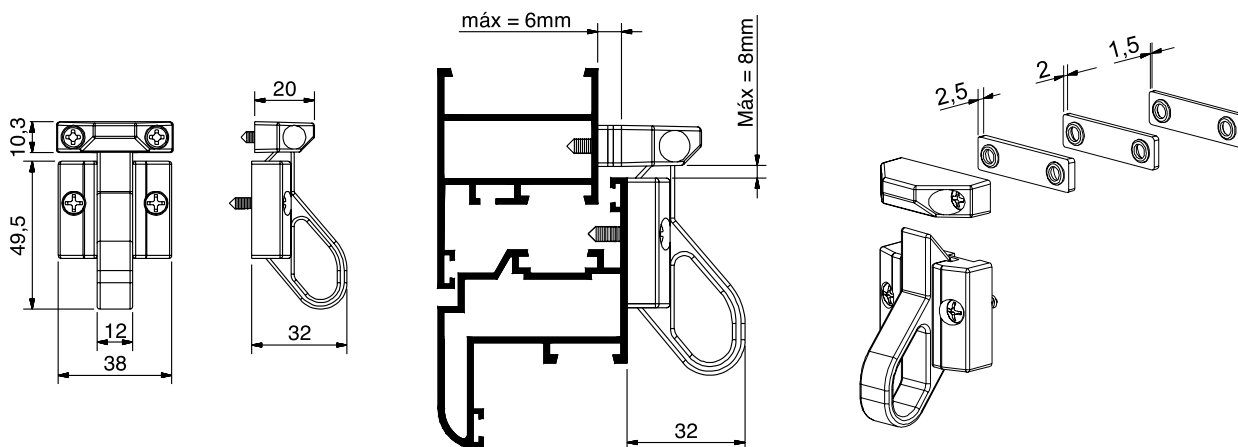
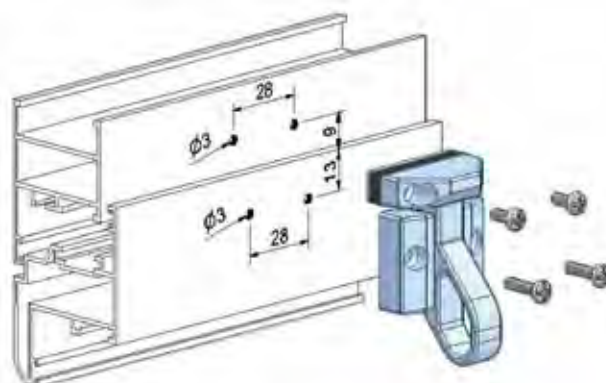
EN 1670, 13126-1

OBSERVATIONS

Adapté à toutes les variétés de fenêtres



Mod. Dep.

**EMBALAGEM**

Caixa com 50 unidades. 1540 grs.

MATERIAIS

Nylon

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Preto e branco

NORMAS

EN 1670

OBSERVAÇÕES

Séries tradicionais

PACKAGING

Box with 50 units. 1540 grs.

MATERIALS

Nylon

FIXING

Screws included

FINISHING

Black and white

STANDARD

EN 1670

COMMENTS

Traditional series

EMPAQUETADO

Caja con 50 unidades. 1540 grs.

MATERIALES

Nylon

FIJACIÓN

Tornillos incluidos

ACABADOS

Negro y blanco

NORMAS

EN 1670

OBSERVACIONES

Serie tradicional

EMBALLAGE

Boîte avec 50 unités. 1540 grs.

MATÉRIELS

Nylon

FIXATION

Vis compris

FINITIONS

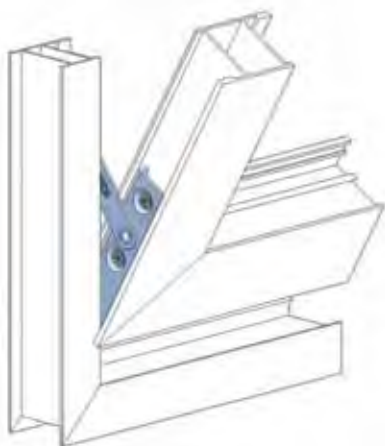
Noir et blanc

NORMATIF

EN 1670

OBSERVATIONS

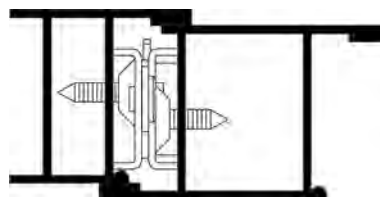
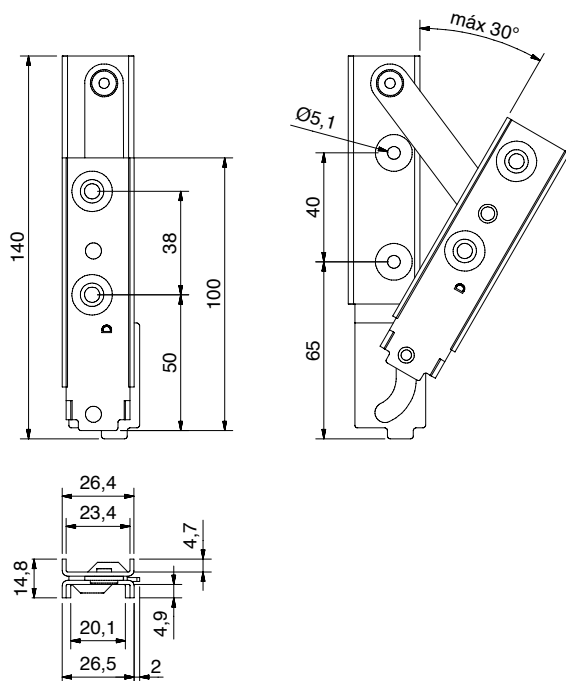
Série traditionnelle



612
612i (inox)



Mod. Dep.



EMBALAGEM

Caixa com 20 pares. 4150 grs.

MATERIAIS

612 - Aço zincado **612i** - Inox

FIXAÇÃO

Parafusos não incluídos

ACABAMENTO

Aço

NORMAS

EN 1670

OBSERVAÇÕES

Séries tradicionais

PACKAGING

Box with 20 pairs. 4150 grs.

MATERIALS

612 - Zinc steel **612i** - Stainless steel

FIXING

Screws not included

FINISHING

Steel

STANDARD

EN 1670

COMMENTS

Traditional series

EMPAQUETADO

Caja con 20 juegos. 4150 grs.

MATERIALES

612 - Acero zincado **612i** - Acero inox

FIJACIÓN

Tornillos no incluidos

ACABADOS

Acero

NORMAS

EN 1670

OBSERVACIONES

Serie tradicional

EMBALLAGE

Boîte avec 20 paires. 4150 grs.

MATÉRIELS

612 - Acier zinc **612i** - Acier inox

FIXATION

Vis pas inclus

FINITIONS

Acier

NORMATIF

EN 1670

OBSERVATIONS

Série traditionnelle





PIVOT

PIVOT HINGES
ROTULA PIVOTANTE
PIVOT





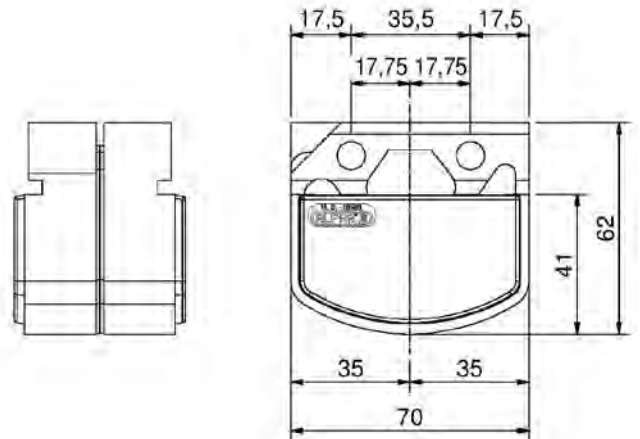
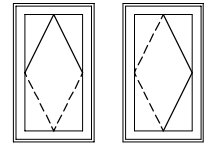
PIVOT

Dobradiças para pivotantes em 'Canal Europeu'
Pivot hinges for pivot windows in 'Eurogroove Series'
Rotula para pivotantes en 'Câmara Europeia'
Paumelles pour pivotantes en 'CE'

ALPHA



Mod. Dep.



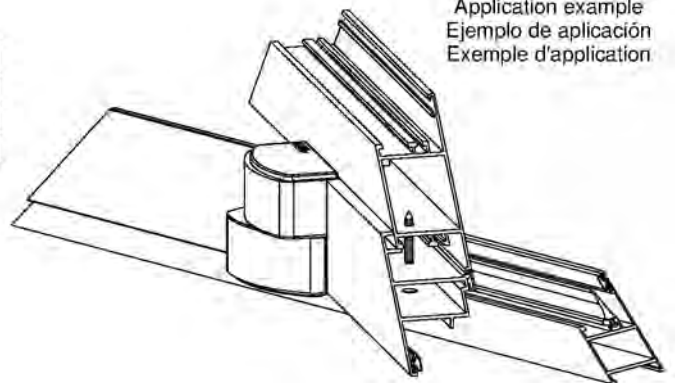
Tabelas de aplicação # Application tables # Cuadros de aplicación # Tables de l'application

Ref:	Série
601 A	PA
601 B	ARi / AXi
601 D	BXi-45 / BX / BXi
601 H	4100
601 S	PT
601 W	BW
601 X	AX / AZ

Ref:	Série
601	BP / A1
601 M	MF
601 T	PT

Outras séries sob consulta / Other series on request
Autres séries sur demande / Otras series bajo petición

Exemplo de aplicação Application example Ejemplo de aplicación Exemple d'application



EMBALAGEM

Caixa com 1 par

MATERIAIS

Perfil de alumínio, aço zincado e nylon

FIXAÇÃO

Incluída p/ série C.E.

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 1 pair

MATERIALS

Aluminum profile, zinc steel and nylon

FIXING

Included for E.G.

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 1 juego

MATERIALES

Perfil de aluminio, acero zincado y nylon

FIJACION

Incluida p/ C.E.

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 1 pair

MATÉRIELS

Aluminium, acier zinc et nylon

FIXATION

Inclus pour C.E.

FINITIONS

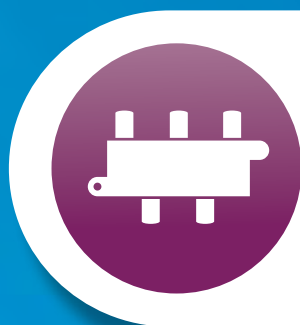
Laqué et anodisé

NORMATIF

EN 1670

OBSERVATIONS

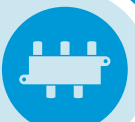
-



MULTIPONTOS

MULTIPOINTS
MULTIPUNTOS
MULTIPOINTS

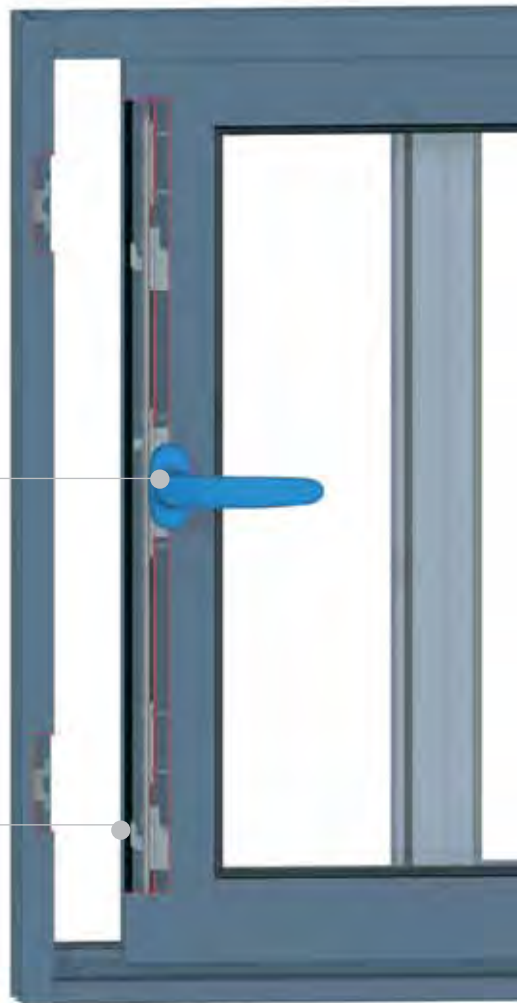




ALPHA



Falsa manobra e anti-levantamento
False manouver and anti-lifting
Falsa maniobra y anti elevación
Fausse manoeuvre et contrelevage



Opção / Option / Opción / Option



Com ganchos afináveis / With adjustable hooks
Con ganchos ajustables / Avec crochets réglables

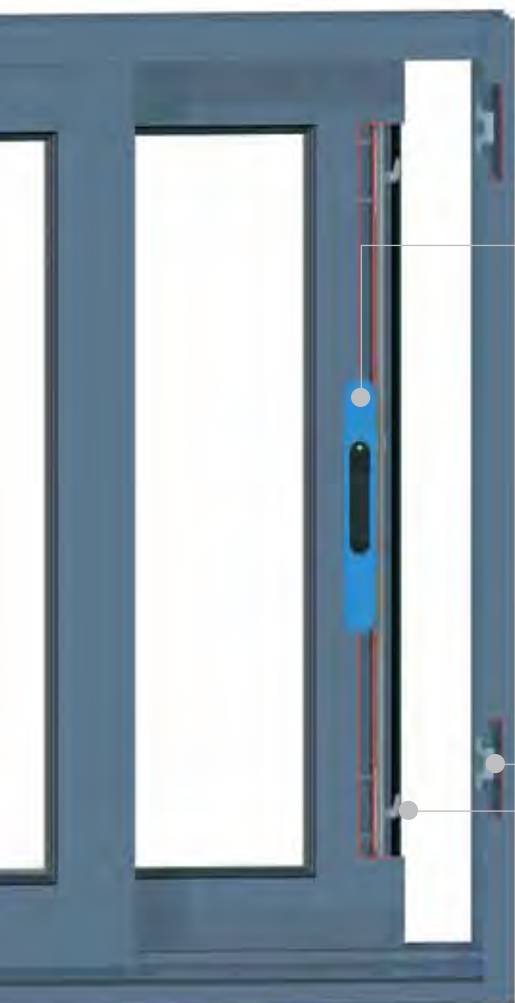
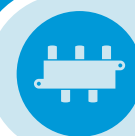
MAC

Opção / Option / Opción / Option



Com ganchos fixos / With fixed hooks
Con ganchos fijos / Avec crochets fixes

MFC



+ de 60 opções no capítulo Gaches
 + than 60 options in Counter plates chapter
 + de 60 opciones en el capítulo Contra cierres
 + de 60 options dans le chapitre Serrures



Anti-levantamento
 Anti-lifting
 Anti elevación
 Contrelevage

Opção / Option / Opción / Option



Com ganchos afináveis / With adjustable hooks
 Con ganchos ajustables / Avec crochets réglables

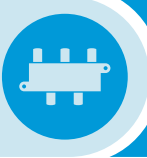
Opção / Option / Opción / Option



Com ganchos fixos / With fixed hooks
 Con ganchos fijos / Avec crochets fixes

MAE

MFE



Multipontos com ganchos **afináveis** para **cremone**
Multipoint systems with **adjustable** hooks for **cremonas**
Multipunto con gancho **ajustable** para **cremona**
Fermeture multipoints par **cremone** a crouchets **reglables**

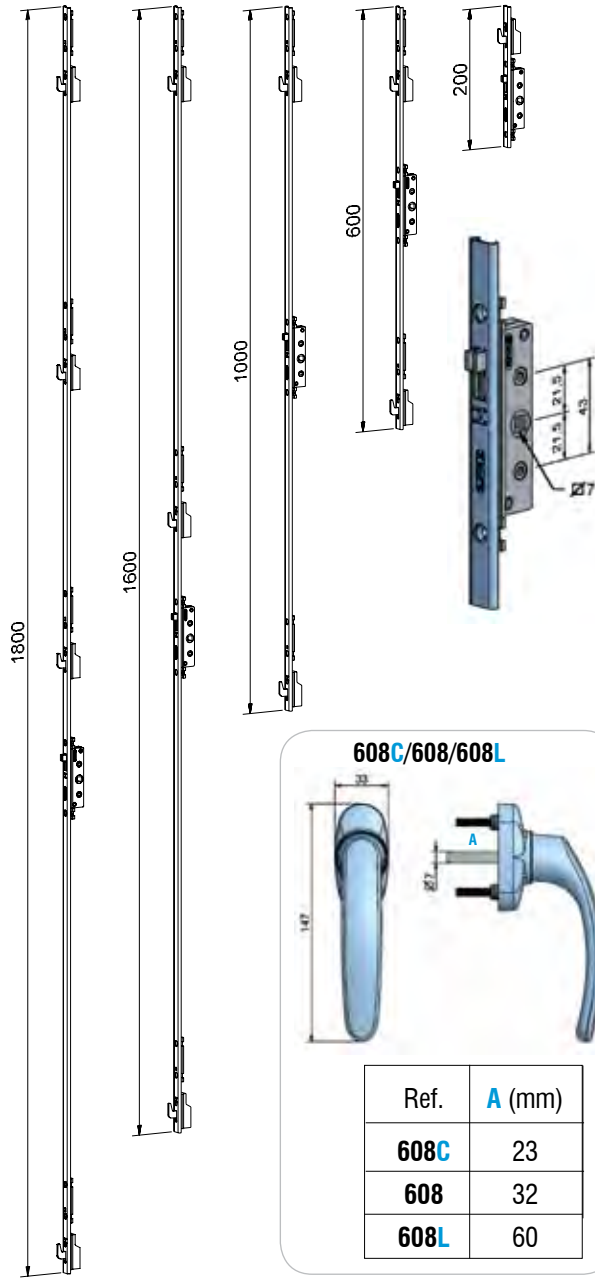
ALPHA

Mod. Dep.



MAC18 MAC16 MAC10 MAC6 MAC2

Emb. 10 un. Emb. 10 un. Emb. 10 un. Emb. 10 un. Emb. 10 un.
gr/emb. 9040 gr/emb. 7685 gr/emb. 5410 gr/emb. 4530 gr/emb. 2370



EMBALAGEM

Caixa com 10 unidades.

MATERIAIS

Inox e zamak

FIXAÇÃO

Não incluída

ACABAMENTO

Inox

NORMAS

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVAÇÕES

1 a 4 pontos de fecho. Cremone e gaches de aro não incluídos. Calços inc.

PACKAGING

Box with 10 units.

MATERIALS

Stainless steel and zamak

FIXING

Not included

FINISHING

Stainless Steel

STANDARD

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

COMMENTS

From 1 to 4 locking points. Cremona and counter plates not included. Wedges inc.

EMPAQUETADO

Caja con 10 unidades.

MATERIALES

Inox y zamak

FJACION

No incluída

ACABADOS

Acero Inox

NORMAS

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVACIONES

Desde 1 hasta 4 puntos de cierre. Cremona y contra cierre no inc. Calzos inc.

EMBALLAGE

Boîte avec 10 unités.

MATÉRIELS

Inox et zamak

FIXATION

Pas inclus

FINITIONS

Acier inox

NORMATIF

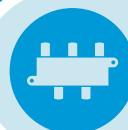
UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVATIONS

De 1 à 4 points de fermeture. Cremona et gaches pas inclus. Cales inclus.

Multipontos com ganchos **fixos** para **cremones**
 Multipoint systems with **fixed** hooks for **cremonas**
 Multipunto con gancho **fijo** para **cremona**
 Fermeture multipoints par **cremone** a crouchets **fixes**

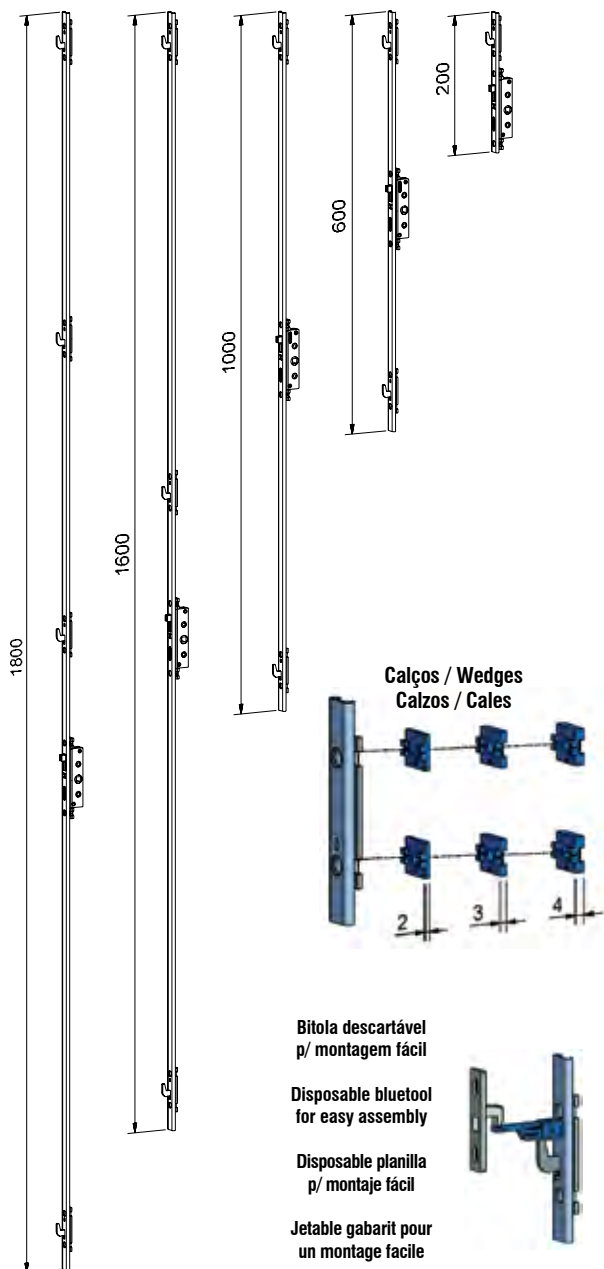
MULTIPONTOS



MFC

MFC18 MFC16 MFC10 MFC6 MFC2

Emb. 10 un. gr/emb. 6830 Emb. 10 un. gr/emb. 5905 Emb. 10 un. gr/emb. 4310 Emb. 10 un. gr/emb. 3385 Emb. 10 un. gr/emb. -



Mod. Dep.

ALPHA

EMBALAGEM

Caixa com 10 unidades.

MATERIAIS

Inox e zamak

FIXAÇÃO

Não incluída

ACABAMENTO

Inox

NORMAS

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVAÇÕES

1 a 4 pontos de fecho. Cremone e gaches de aro não incluídos. Calços inc.

PACKAGING

Box with 10 units.

MATERIALS

Stainless steel and zamak

FIXING

Not included

FINISHING

Stainless Steel

STANDARD

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

COMMENTS

From 1 to 4 locking points. Cremona and counter plates not included. Wedges inc.

EMPAQUETADO

Caja con 10 unidades.

MATERIALES

Inox y zamak

FIJACION

No incluída

ACABADOS

Acero Inox

NORMAS

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVACIONES

Desde 1 hasta 4 puntos de cierre. Cremona y contra cierre no inc. Calzos inc.

EMBALLAGE

Boîte avec 10 unités.

MATÉRIELS

Inox et zamak

FIXATION

Pas inclus

FINITIONS

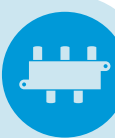
Acier inox

NORMATIF

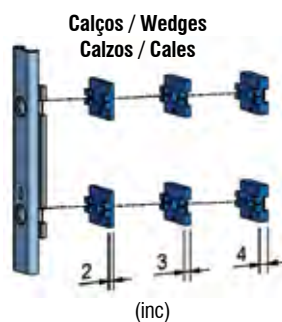
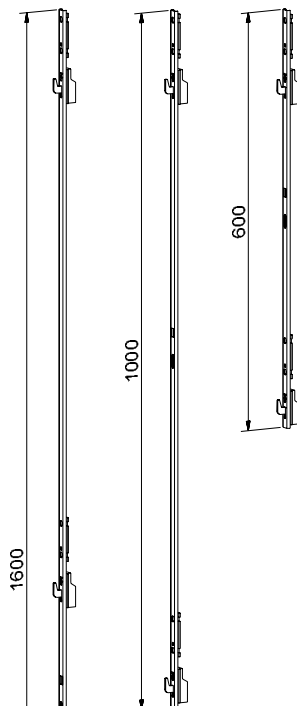
UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVATIONS

De 1 à 4 points de fermeture. Cremona et gaches pas inclus. Cales inclus.



Mod. Dep.

MAE16Emb. 10 un.
gr/emb. 6400**MAE10**Emb. 10 un.
gr/emb. 4140**MAE6**Emb. 10 un.
gr/emb. 3265
**Fechos de embutir
 compatíveis
 MAE / MFE**
**EMBALAGEM**

Caixa com 10 unidades.

MATERIAIS

Inox e zamak

FIXAÇÃO

Não incluída

ACABAMENTO

Inox

NORMAS

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVAÇÕES

2 a 3 pontos de fecho. Fecho de embutir, ganchos e gaches de aro não incluídos. Calços incluídos.

PACKAGING

Box with 10 units.

MATERIALS

Stainless steel and zamak

FIXING

Not included

FINISHING

Stainless Steel

STANDARD

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

COMMENTS

From 2 to 3 locking points. Sliding lock, hook and counter plates not included. Wedges included.

EMPAQUETADO

Caja con 10 unidades.

MATERIALES

Inox y zamak

FIJACION

No incluida

ACABADOS

Acero Inox

NORMAS

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVACIONES

Desde 2 hasta 3 puntos de cierre. Cierre de embutir, gancho y contra cierres no incluídos. Calzos incluídos.

EMBALLAGE

Boîte avec 10 unités.

MATÉRIELS

Inox et zamak

FIXATION

Pas inclus

FINITIONS

Acier inox

NORMATIF

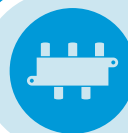
UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVATIONS

2 à 3 points de fermeture. Fermeture, crochet et serrures pas compris. Cales inclus.

Multipontos com gancho **fixos** para fecho de embutir
 Multipoint systems with **fixed** hook for sliding locks
 Multipunto con gancho **fijo** para cierre embutir
 Fermeture Multipoints a crochets **fixe** pour chassis coulissants

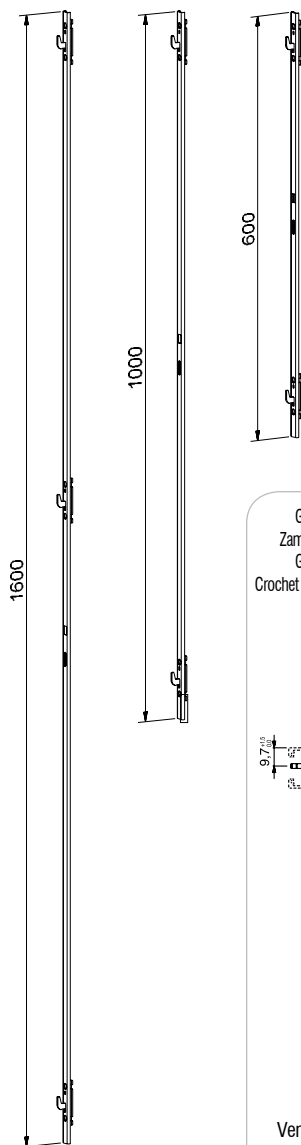
MULTIPONTOS



MFE

MFE16 MFE10 MFE6

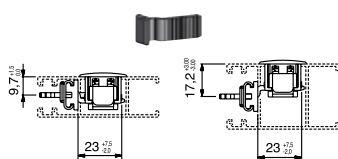
Emb. 10 un. gr/emb. 4760
 Emb. 10 un. gr/emb. 3000
 Emb. 10 un. gr/emb. 2110



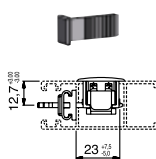
Bitola descartável/ montagem fácil
 Disposable bluetool for easy assembly
 Disposable planilla p/ montaje fácil
 Jetable gabarit pour un montage facile

Ganchos Zamak para Multipontos MAE e MFE
 Zamak Hooks for Multipoint systems MAE and MFE
 Ganchos Zamak para Multipuntos MAE e MFE
 Crochet en Zamak pour Fermeture multipoints » MAE et MFE

GMA



GMB



Vendido separadamente / Sold separately
 Se vende por separado / Vendu séparément

Emb. 25 un. gr/emb. GMA 210 GMB 190

Fechos de embutir
 compatíveis
 MAE / MFE



Mod. Dep.

EMBALAGEM

Caixa com 10 unidades.

MATERIAIS

Inox e zamak

FIXAÇÃO

Não incluída

ACABAMENTO

Inox

NORMAS

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVAÇÕES

2 a 3 pontos de fecho. Fecho de embutir, ganchos e gaches de aro não incluídos. Calços incluídos.

PACKAGING

Box with 10 units.

MATERIALS

Stainless steel and zamak

FIXING

Not included

FINISHING

Stainless Steel

STANDARD

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

COMMENTS

From 2 to 3 locking points. Sliding lock, hook and counter plates not included. Wedges included.

EMPAQUETADO

Caja con 10 unidades.

MATERIALES

Inox y zamak

FIJACION

No incluida

ACABADOS

Acero Inox

NORMAS

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVACIONES

2 hasta 3 puntos de cierre. Cierre de embutir, gancho y contra cierres no incluidos. Calzos incluidos.

EMBALLAGE

Boîte avec 10 unités.

MATÉRIELS

Inox et zamak

FIXATION

Pas inclus

FINITIONS

Acier inox

NORMATIF

UNE-EN 13126-1: 2007, UNE-EN 1191:2011

OBSERVATIONS

2 à 3 points de fermeture. Fermeture, crochet et serrures pas compris. Cales inclus.



Technical drawing of the 1000 Series door handle. The drawing includes three views: a front view (top left), a side view (top right), and a detail view of the handle mechanism (bottom right). Dimensions are provided in millimeters (mm).

- Front View (Top Left):** Shows the handle assembly with two screws. The handle has a curved, ergonomic shape.
- Side View (Top Right):** Shows the handle's profile. Dimensions include a total height of 45 mm, a mounting hole offset of 22.5 mm from the center, and a hole diameter of $\varnothing 4$.
- Detail View (Bottom Right):** Shows the handle's internal mechanism. Dimensions include a mounting hole offset of 2.5 mm from the center, a total handle height of 15.8 mm, a mounting hole diameter of 7.5 mm, and a mounting hole offset of 12.6 mm from the center.

**Regulação
Hook setting
Regulación
Réglage**

Exemplo / Example
Ejemplo / Exemple

Máx = 12

Activação da falsa manobra
Activatio of false manoeuvre
Habilitar falsa maniobra
Activer fausse manoeuvre



LINHA
STAR

STAR LINE
LINEA STAR
LIGNE STAR





LINHA STAR

Fecho de Embutir para **séries convencionais**
Sliding lock for **conventional series**
Cierres de embutir para **s. convencionales**
Fermeture lateral pour **s. convencionelles**

ALPHA

246i

246G



247i

247G



245i

245G

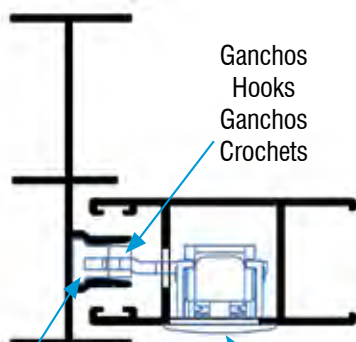


243i

243



Séries convencionais / Conventional series
S. convencionales / S. convencionelles



Ganchos
Hooks
Ganchos
Crochets

Gaches
Counter plate
Contra cierre
Serrures

Fecho de Embutir
Sliding lock
Cierres de embutir
Fermeture lateral

244



248i

248G



249i

249i



Esqº
Left
Izquierdo
Gauche

Dº
Right
Derecho
Droit

249G

249G



Esqº
Left
Izquierdo
Gauche

Dº
Right
Derecho
Droit

Ganchos Inox para Linha STAR
Stainless steel Hooks for STAR line
Ganchos acero inox para linea STAR
Crochet en acier inox pour ligne STAR



Gaches
Counter plate
Contra cierre
Serrures





256i

256G



257i

257G



255G

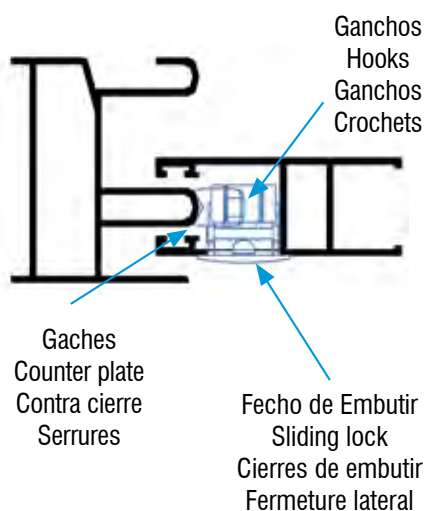


243i

243



Séries perimetrais / Perimetral series
S. perimetrales / S. perimetrales



254



250i



259G

259G



Esqº
 Left
 Izquierdo
 Gauche



Dtº
 Right
 Derecho
 Droit

Gaches
 Counter plate
 Contra cierre
 Serrures



Ganchos zamak para Linha STAR
 Zamak Hooks for STAR line
 Ganchos zamak para linea STAR
 Crochet en zamak pour ligne STAR



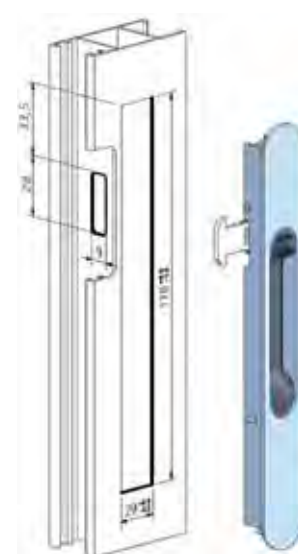
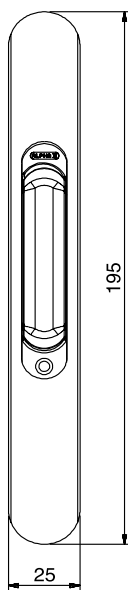
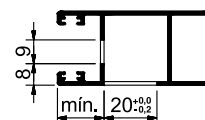
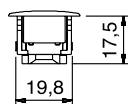
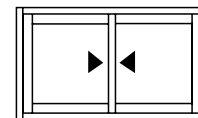


ALPHA

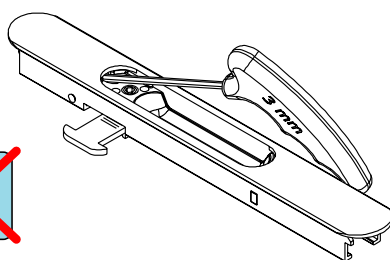
Mod. Dep.



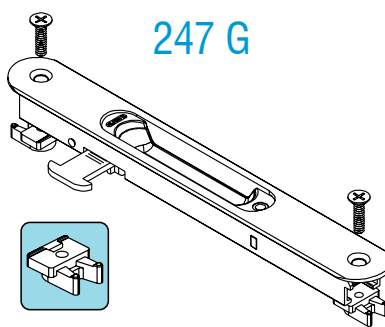
RAL AN



247 i



247 G

**EMBALAGEM**

247i Caixa com 25 unidades. 3125 grs.
247G Caixa com 25 unidades. 2975 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670, 13126-1

OBSERVAÇÕES

Fecho c/ recuperação manual ou automática. Gancho não incluído

PACKAGING

247i Box with 25 units. 3125 grs.
247G Box with 25 units. 2975 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670, 13126-1

COMMENTS

Lock with manual or automatic recovery hook not included

EMPAQUETADO

247i Caja con 25 unidades. 3125 grs.
247G Caja con 25 unidades. 2975 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado y anodizado

NORMAS

EN 1670, 13126-1

OBSERVACIONES

Cierre con recuperación manual o automática (gancho no incluído)

EMBALLAGE

247i Boîte avec 25 pieces. 3125 grs.
247G Boîte avec 25 pieces. 2975 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

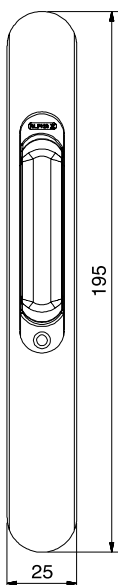
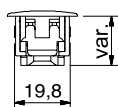
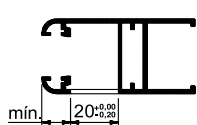
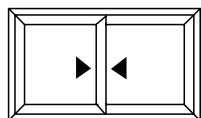
Laqué et anodisé

NORMATIF

EN 1670, 13126-1

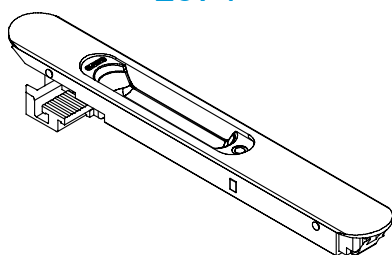
OBSERVATIONS

Fermeture avec retablisement manuel ou automatique (crochet pas inclus)

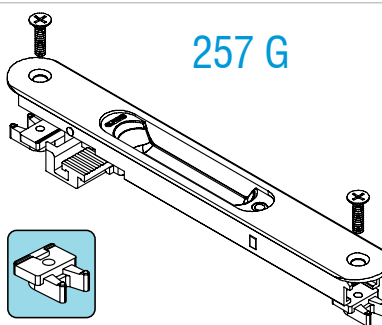


Mod. Dep.

257 i



257 G



EMBALAGEM

257i Caixa com 25 unidades. 2730 grs.
257G Caixa com 25 unidades. 2825 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho c/ recuperação manual ou automática. Gancho não incluído

PACKAGING

257i Box with 25 units. 2730 grs.
257G Box with 25 units. 2825 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670, 13126-1

COMMENTS

Lock with manual or automatic recovery hook not included

EMPAQUETADO

257i Caja con 25 unidades. 2730 grs.
257G Caja con 25 unidades. 2825 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado y anodizado

NORMAS

EN 1670, 13126-1

OBSERVACIONES

Cierre con recuperación manual o automática (gancho no incluído)

EMBALLAGE

257i Boîte avec 25 pieces. 2730 grs.
257G Boîte avec 25 pieces. 2825 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

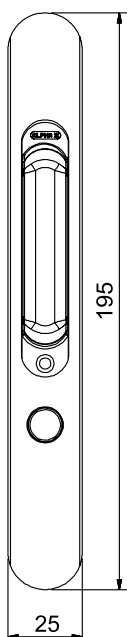
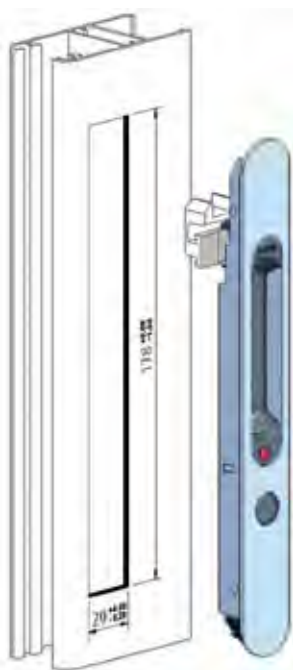
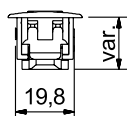
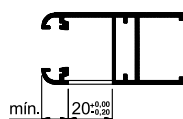
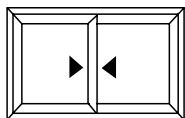
Laqué et anodisé

NORMATIF

EN 1670, 13126-1

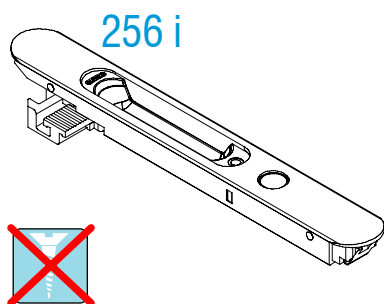
OBSERVATIONS

Fermeture avec retablisement manuel ou automatique (crochet pas inclus)

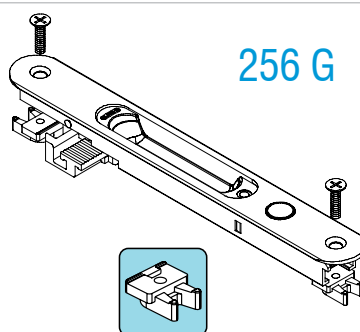


RAL AN

Mod. Dep.



256 i



256 G

EMBALAGEM

256i Caixa com 25 unidades. 2595 grs.
256G Caixa com 25 unidades. 2840 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho de embutir c/ travão p/ séries perimetrais. Gancho não incluído

PACKAGING

256i Box with 25 unidades. 2595 grs.
256G Box with 25 unidades. 2840 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Sliding lock with security system for perimetral series. Hook not included

EMPAQUETADO

256i Caja con 25 unidades. 2595 grs.
256G Caja con 25 unidades. 2840 grs.

MATERIALES

Aluminio y zamak

FIJACION

Tornillos (incluídos)

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Cierres de embutir con condensa p/ series perimetrales. Gancho no incluído

EMBALLAGE

256i Boîte avec 25 pieces. 2595 grs.
256G Boîte avec 25 pieces. 2840 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

OBSERVATIONS

Fermeture lateral avec sécurité p/ série perimetrale. Crochet pas inclus

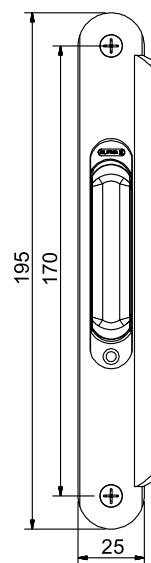
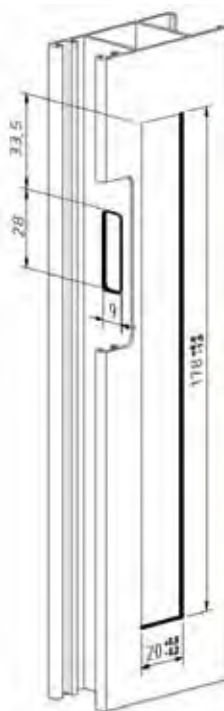
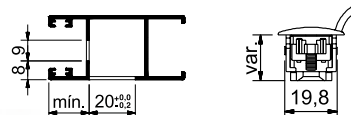
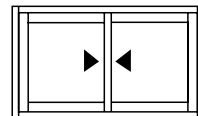


ALPHA

Mod. Dep.

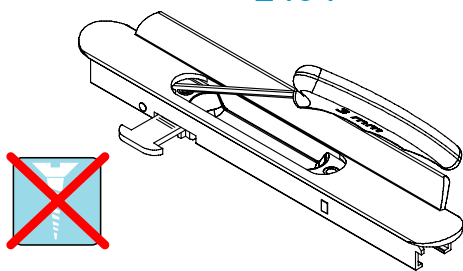


RAL AN

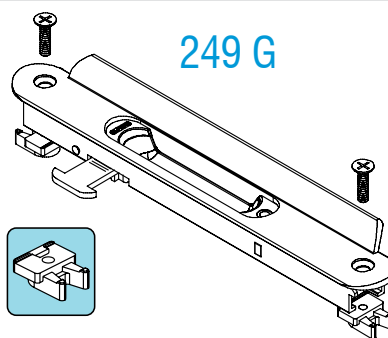


Esq.
Left
Izq.
Gauche

249 i



249 G

**EMBALAGEM**

249i Caixa com 25 unidades. 3625 grs.
249G Caixa com 25 unidades

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho de embutir c/ recuperação manual. Gancho não incluído

PACKAGING

249i Box with 25 units. 3625 grs.
249G Box with 25 units

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Sliding lock with manual recovery. Hook not included

EMPAQUETADO

249i Caja con 25 unidades. 3625 grs.
249G Caja con 25 unidades

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Cierre de embutir con recuperación manual. Gancho no incluído

EMBALLAGE

249i Boîte avec 25 pièces. 3625 grs.
249G Boîte avec 25 pièces

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

OBSERVATIONS

Fermeture laterale avec retablisement manuel. Crochet pas inclus

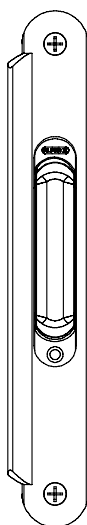
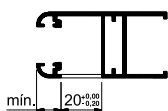
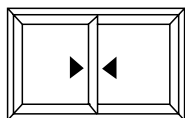
Fecho de embutir com pega **para séries perimetrais**
 Sliding lock with handle **for perimetral series**
 Cierre de embutir con tirador **para series perimetrales**
 Fermeture laterale avec poignée **pour séries perimetrales**

LINHA STAR



259

ALPHA

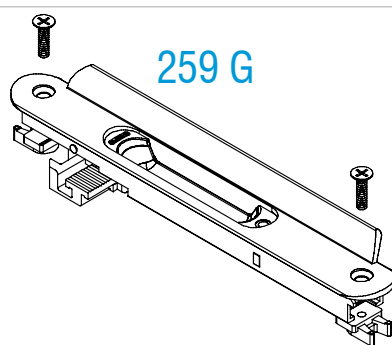


Dir.
Right
Dto.
Droit



RAI AN

Mod. Dep.



259 G



EMBALAGEM

Caixa com 25 unidades

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho de embutir c/ recuperação manual. Gancho não incluído

PACKAGING

Box with 25 units

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Sliding lock with manual recovery. Hook not included

EMPAQUETADO

Caja con 25 unidades

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Cierre de embutir con recuperación manual. Gancho no incluído

EMBALLAGE

Boîte avec 25 pièces

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

OBSERVATIONS

Fermeture lateral avec retablissement manuel. Crochet pas inclus



ALPHA

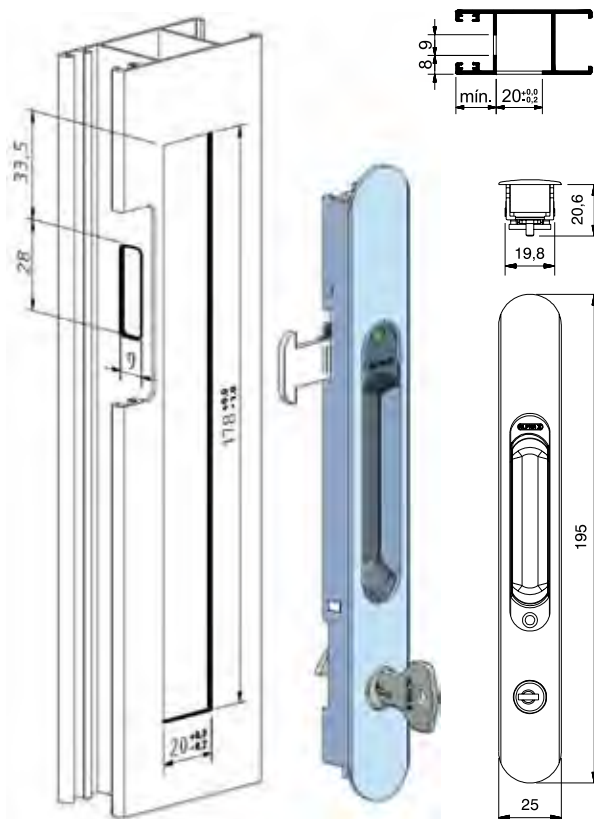
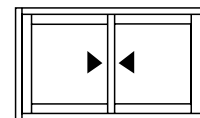


Chaves iguais
Equal keys
Ilaves iguales
Cleps égaletés

Mod. Dep.



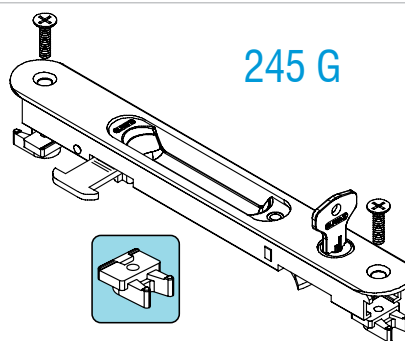
RAL AN



245 i



245 G

**EMBALAGEM**

245i Caixa com 25 unidades. 3855 grs.
245G Caixa com 25 unidades. 3545 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670, 13126-1

OBSERVAÇÕES

Fecho de embutir c/ recuperação manual. Gancho não incluído

PACKAGING

245i Box with 25 units. 3855 grs.
245G Box with 25 units. 3545 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670, 13126-1

COMMENTS

Sliding lock with manual recovery. Hook not included

EMPAQUETADO

245i Caja con 25 unidades. 3855 grs.
245G Caja con 25 unidades. 3545 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado y anodizado

NORMAS

EN 1670, 13126-1

OBSERVACIONES

Cierre de embutir con recuperación manual. Gancho no incluído

EMBALLAGE

245i Boîte avec 25 pièces. 3855 grs.
245G Boîte avec 25 pièces. 3545 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

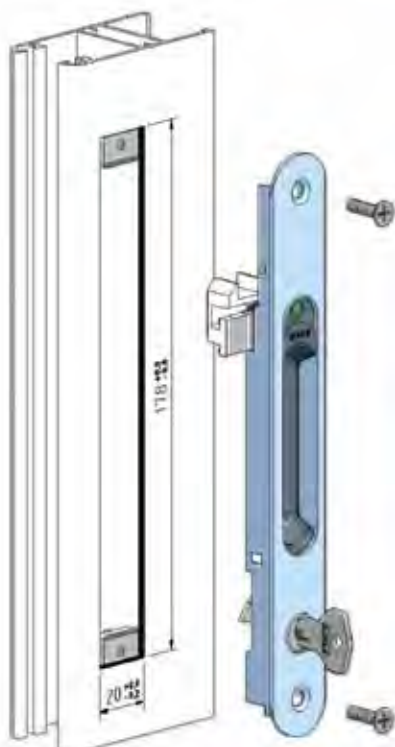
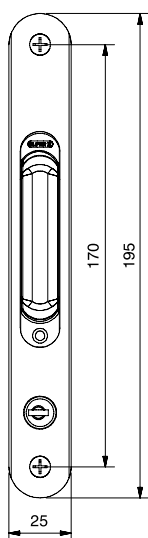
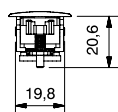
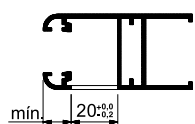
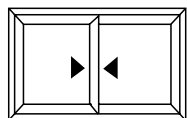
Laqué et anodisé

NORMATIF

EN 1670, 13126-1

OBSERVATIONS

Fermeture laterale avec retablisement manuel. Crochet pas inclus

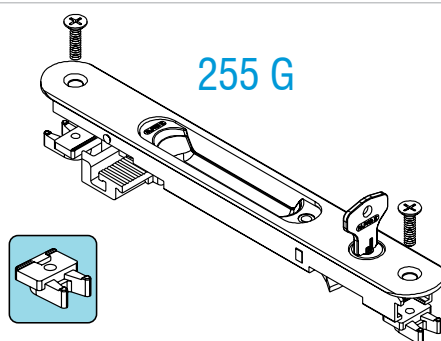


Chaves iguais
 Equal keys
 llaves iguales
 Clefs égales



Mod. Dep.

255 G



EMBALAGEM

Caixa com 25 unidades. 3435 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho de embutir c/ recuperação manual. Gancho não incluído

PACKAGING

Box with 25 units. 3435 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Sliding lock with manual recovery. Hook not included

EMPAQUETADO

Caja con 25 unidades. 3435 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Cierre de embutir con recuperación manual. Gancho no incluído

EMBALLAGE

Boîte avec 25 pièces. 3435 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

OBSERVATIONS

Fermeture lateral avec retablissement manuel. Crochet pas inclus



ALPHA



Chaves diferentes
 Different keys
 llaves diferentes
 Clefs différents

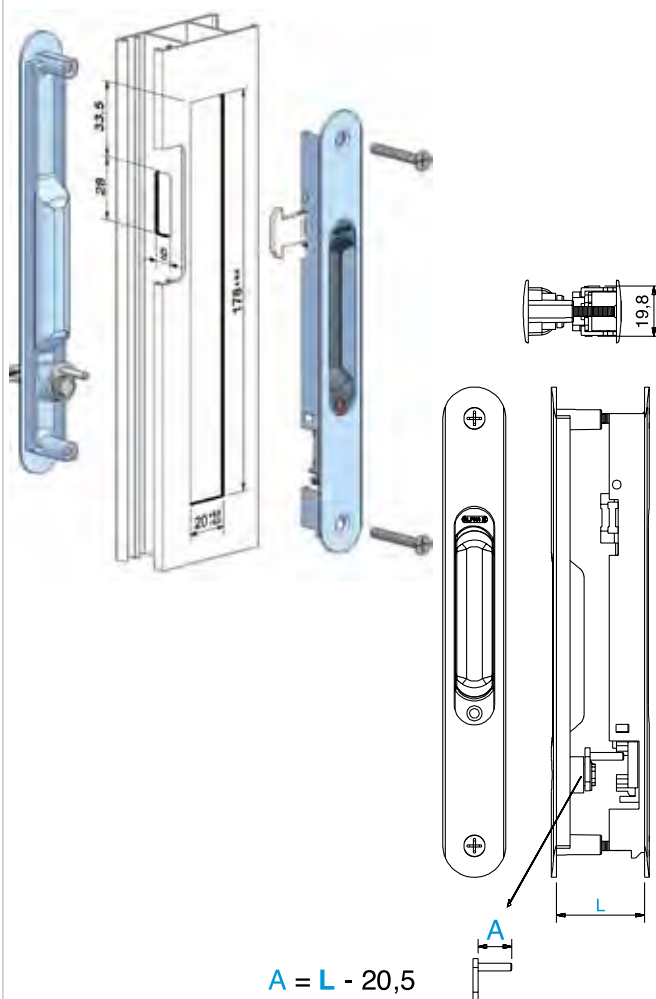
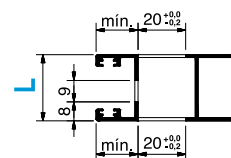
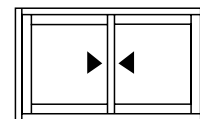


Mod. Dep.



ref:	L	
	Mín	Máx
244N*	22	31
244C	27	29
244	27	36
244E	30	32
244L	36	48

*Inclui espessor 244W p.156 /includes wedge 244W p.156
 Incluido calzo 244W pag.156 / Cale 244W compris pag. 156



$$A = L - 20,5$$

EMBALAGEMCaja com 12 pares. **244** 2825 grs.**MATERIAIS**

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670, 13126-1

OBSERVAÇÕES

Conjunto de fecho duplo com chave e concha. Gancho não incluído

PACKAGINGBox with 12 pairs. **244** 2825 grs.**MATERIALS**

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670, 13126-1

COMMENTS

Double sliding lock with key. Hook not included

EMPAQUETADOCaja con 12 juegos. **244** 2825 grs.**MATERIALES**

Aluminio y zamak

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670, 13126-1

OBSERVACIONES

Conjunto de cierre y uñero p/ puertas. Gancho no incluído

EMBALLAGEBoîte avec 12 paires. **244** 2825 grs.**MATÉRIELS**

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

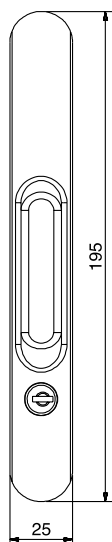
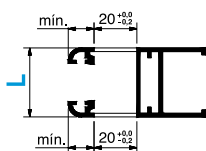
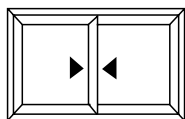
Laqué

NORMATIF

EN 1670, 13126-1

OBSERVATIONS

Double fermeture avec clé. Crochet pas inclus



Chaves diferentes
 Different keys
 Llaves diferentes
 Clefs différents



Mod. Dep.

ref:	L	
	Mín	Máx
254C	27	29
254	27	36
254E	30	32
254L	36	48

EMBALAGEM

Caixa com 12 pares. **254** 2745gr

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Conjunto de fecho duplo com chave e concha. Gancho não incluído

PACKAGING

Box with 12 pairs **254** 2745gr

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Double sliding lock with key. Hook not included

EMPAQUETADO

Caja con 12 juegos **254** 2745gr

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Conjunto de cierre y uñero p/ puertas. Gancho no incluído

EMBALLAGE

Boîte avec 12 paires **254** 2745gr

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Lacqué

NORMATIF

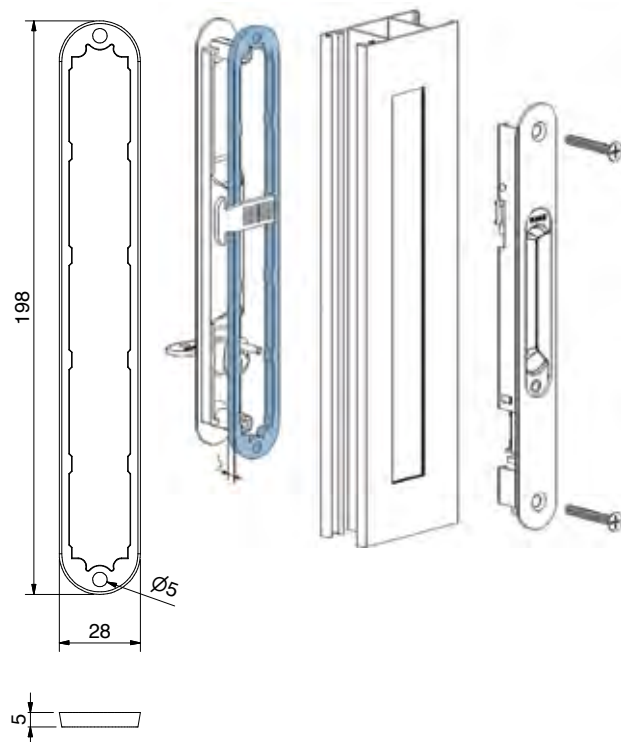
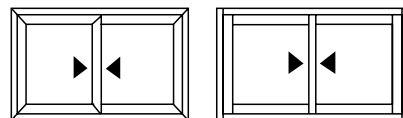
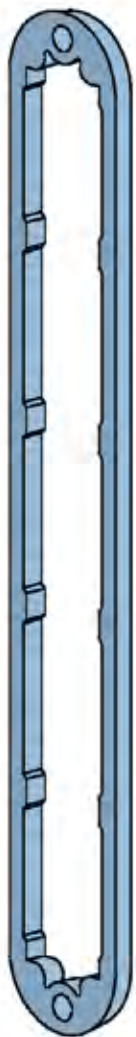
EN 1670

OBSERVATIONS

Double fermeture avec clé. Crochet pas inclus



Mod. Dep.



Aplicável com
Applicable to
Applicable en
Applicable à



244

Aplicável com
Applicable to
Applicable en
Applicable à



254

EMBALAGEM

Caixa com 12 unidades

MATERIAIS

Zamak

FIXAÇÃO

-

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 12 units

MATERIALS

Zamak

FIXING

-

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 12 unidades

MATERIALES

Zamak

FIJACIÓN

-

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 12 pièces

MATÉRIELS

Zamak

FIXATION

-

FINITIONS

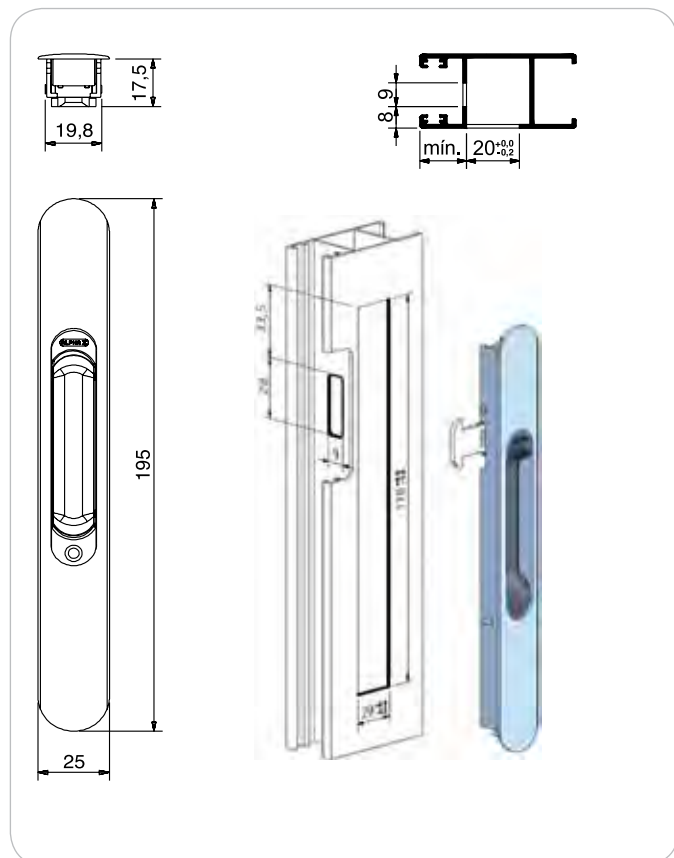
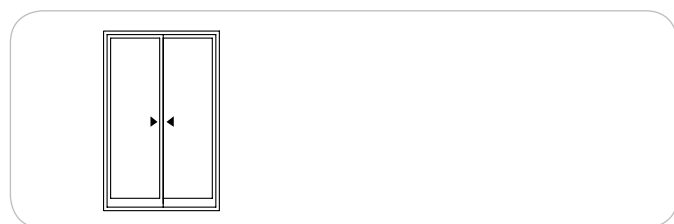
Laqué

NORMATIF

EN 1670

OBSERVATIONS

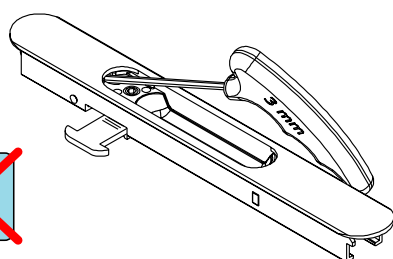
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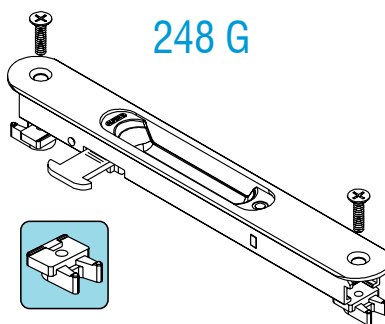
RAI AN

Mod. Dep.

248 i



248 G



247



Recuperação automática
Automatic recovery
Recuperación automática
Récupération automatique

248



Recuperação manual
Manual recovery
Recuperación manual
Récupération manuelle

EMBALAGEM

Caixa com 25 unidades. 3185 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670, 13126-1

OBSERVAÇÕES

Fecho c/ recuperação manual.
Gancho não incluído

PACKAGING

Box with 25 units. 3185 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670, 13126-1

COMMENTS

Lock with manual recovery. Hook not included

EMPAQUETADO

Caja con 25 unidades. 3185 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado y anodizado

NORMAS

EN 1670, 13126-1

OBSERVACIONES

Cierre con recuperación manual.
Gancho no incluído

EMBALLAGE

Boîte avec 25 pieces. 3185 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670, 13126-1

OBSERVATIONS

Fermeture avec retablisement manuel.
Crochet pas inclus

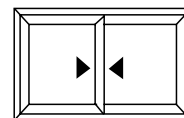


ALPHA

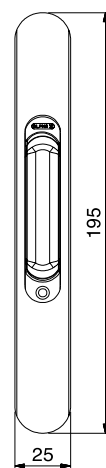
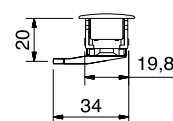
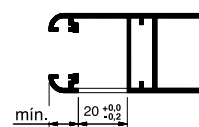
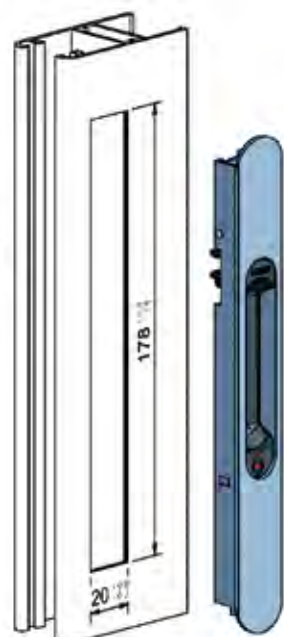
Mod. Dep.



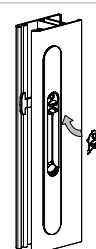
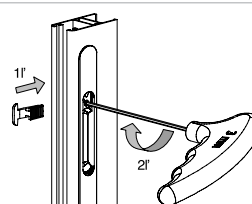
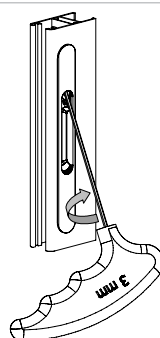
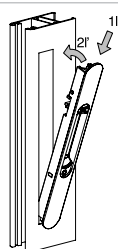
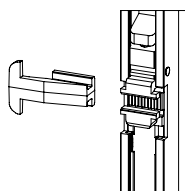
RAL AN



Incluído
Included
Incluido
Compris



Gancho reversível / Reversible hook
 Gancho reversível / Crochet réversible

**EMBALAGEM**

Caixa com 25 unidades. 3435 grs.

MATERIAIS

Alumínio e zamak

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fixação invisível

PACKAGING

Box with 25 units. 3435 grs.

MATERIALS

Aluminium and zamak

FIXING

Screws (included)

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Invisible fixation

EMPAQUETADO

Caja con 25 unidades. 3435 grs.

MATERIALES

Aluminio y zamak

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Fijación invisible

EMBALLAGE

Boîte avec 25 pieces. 3435 grs.

MATÉRIELS

Aluminium et zamak

FIXATION

Vis (inclus)

FINITIONS

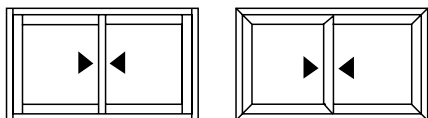
Laqué et anodisé

NORMATIF

EN 1670

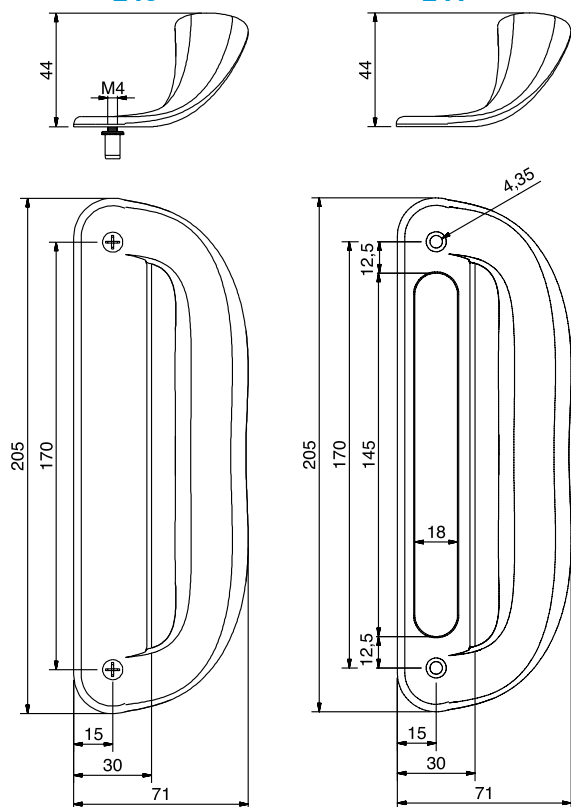
OBSERVATIONS

Fixation invisible



240

241

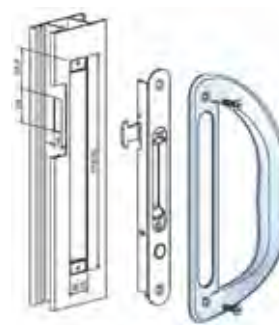
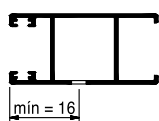


240

241



Mod. Dep.



EMBALAGEM

240 Caixa com 10 unidades 2270 grs.
241 Caixa com 10 unidades 1810 grs.

MATERIAIS

Alumínio

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

241 compatível com 245G/246G/247G
248G/255G/256G/257G

PACKAGING

240 Box with 10 units 2270 grs. 241
Box with 10 units 1810 grs.

MATERIALS

Aluminium

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

241 compatible with 245G/246G/247G
248G/255G/256G/257G

EMPAQUETADO

240 Caja com 10 units 2270 grs.
241 Caja com 10 units 1810 grs.

MATERIALES

Aluminio

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

241 compatible con 245G/246G/247G
248G/255G/256G/257G

EMBALLAGE

240 Boîte avec 10 pieces 2270 grs.
241 Boîte avec 10 pieces 1810 grs.

MATÉRIELS

Aluminium

FIXATION

Vis (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

241 compatible avec 245G/246G/247G
248G/255G/256G/257G



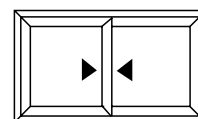
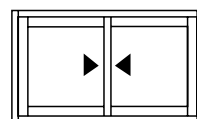
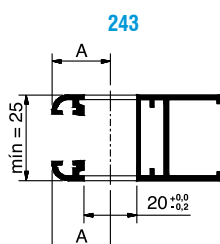
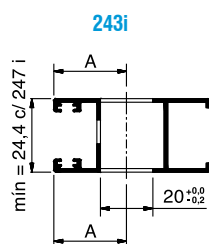
243i

243

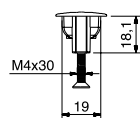
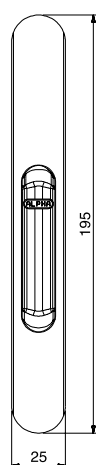
Mod. Dep.

RAL AN

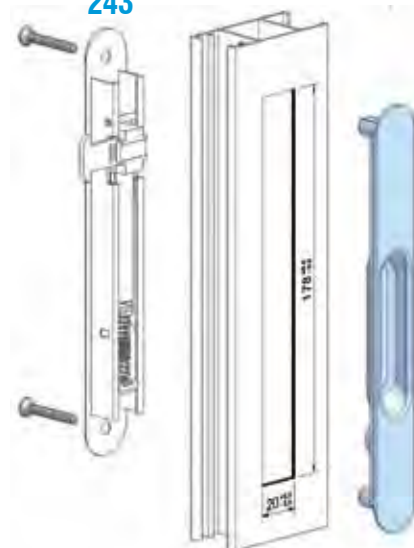
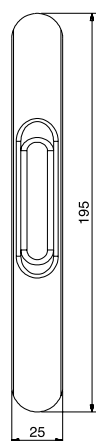
RAL



243i



243



EMBALAGEM

243i Caixa com 25 unidades 1045 grs.
243 Caixa com 25 unidades 2610 grs.

MATERIAIS

243i Alumínio e nylon 243 Zamak

FIXAÇÃO

Parafusos (incluídos). 243i p/ clipagem

ACABAMENTO

243i Lacado e anodizado. 243 Lacado

NORMAS

EN 1670

OBSERVAÇÕES

PACKAGING

2243i Box with 25 units 1045 grs.
243 Box with 25 units 2610 grs.

MATERIALS

243i Aluminium and nylon 243 Zamak

FIXING

Screws (included). 243i by clamping

FINISHING

243i Powder painting and anodized. 243 P. paint.

STANDARD

EN 1670

COMMENTS

EMPAQUETADO

243i Caja con 25 unidades 1045 grs.
243 Caja con 25 unidades 2610 grs.

MATERIALES

243i Aluminio y nylon 243 Zamak

FIJACIÓN

Tornillos (incluídos). 243i Por apriete

ACABADOS

243i Lacado y anodizado. 243 Lacado

NORMAS

EN 1670

OBSERVACIONES

EMBALLAGE

243i Boîte avec 25 pieces 1045 grs.
243 Boîte avec 25 pieces 2610 grs.

MATÉRIELS

243i Aluminium et nylon 243 Zamak

FIXATION

Vis (compris). 243i Par serrage

FINITIONS

243i Laqué et anodisé. 243 Laqué

NORMATIF

EN 1670

OBSERVATIONS

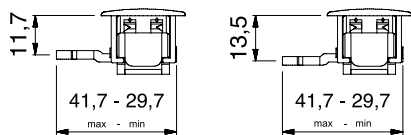


Ganchos Inox para Linha STAR / Stainless steel Hooks for STAR line / Ganchos acero inox para linea STAR / Crochet en acier inox pour ligne STAR

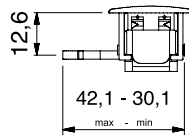


ALPHA

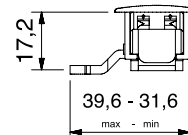
G1A



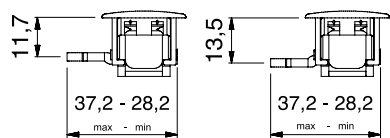
G1B



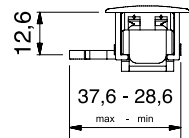
G1C



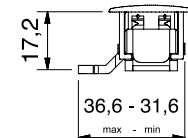
G1D



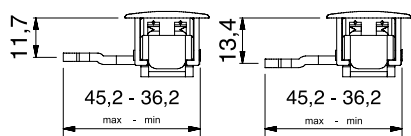
G1E



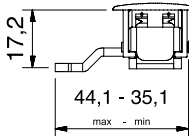
G1F



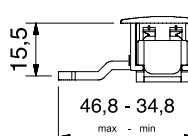
G1G



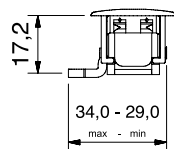
G1H



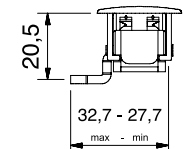
G1i



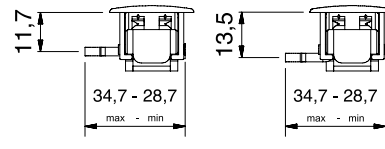
G1J



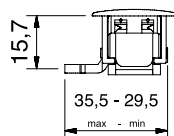
G1L



G1M

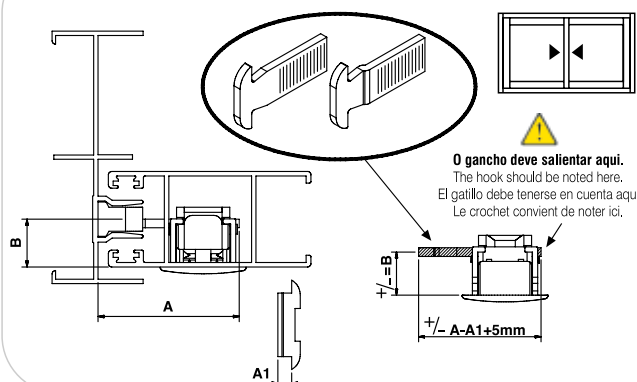


G1N



EMBALAGEM / PACKAGING / EMPAQUETADO / EMBALAGE
Sacos / Bags / Bolsas / Sacs - 25 un.

Exemplos / Examples / Ejemplo / Exemple





Gache / Keepers / Cerraderos / Serrures

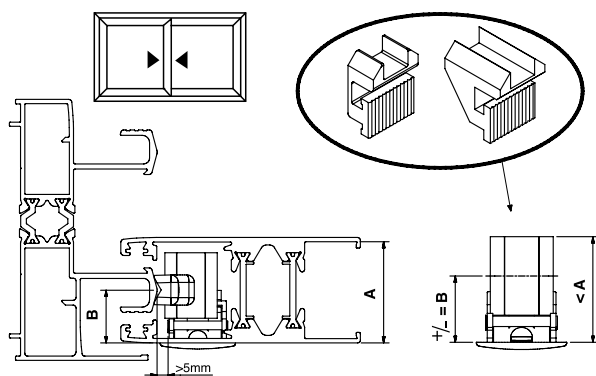
Garra / Claw / garra / Griffe

Ref.	Desig.	Un.	Qt		Ref.	Desig.	Un.	Qt	
G28	Gache	1	25 un.		G34	Gache	1	25 un.	
G29	Gache	1	25 un.		G36	Garra	1	25 un.	
G33	Gache	1	25 un.		G37	Garra	1	25 un.	

Mais opções de gaches no capítulo das Gaches / More options of Counterplates chapter.
Mas opciones en el capítulo de Cerraderos / Plus d'options dans le chapitre de Serrures.



Exemplos / Examples / Ejemplo / Exemple





LINHA
ECO

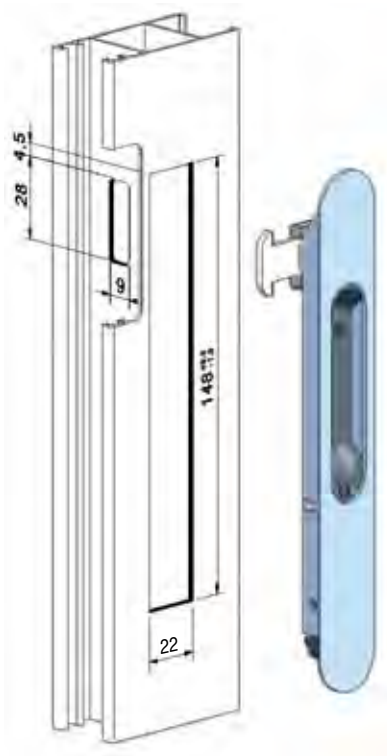
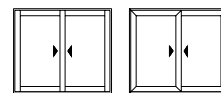
ECO LINE
LINEA ECO
LIGNE ECO



Mod. Dep.



30 m/m

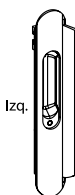


267i

266i

261i

263i



Izq.

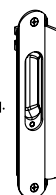
Dto.



267P

266P

261P



Izq.

Dto.

Izq.

Dto.

EMBALAGEM

266i Caixa com 100 unidades 6710 grs.
266P Caixa com 100 unidades 6250 grs.

MATERIAIS

Alumínio, zamak e nylon

FIXAÇÃO**266P** Parafusos incluídos**ACABAMENTO**

Lacado e anodizado

NORMAS

EN 1670, 13126-1

OBSERVAÇÕES

Fecho c/ recuperação manual ou automática. Gancho não incluído

PACKAGING

266i Box with 100 units 6710 grs.
266P Box with 100 units 6250 grs.

MATERIALS

Aluminium, zamak and nylon

FIXING**266P** Screws included**FINISHING**

Powder painting and hard anodized

STANDARD

EN 1670, 13126-1

COMMENTS

Lock with manual or automatic recovery.
 Hook not included

EMPAQUETADO

266i Caja con 100 unidades 6710 grs.
266P Caja con 100 unidades 6250 grs.

MATERIALES

Aluminio, zamak y nylon

FIJACIÓN**266P** Tornillos incluidos**ACABADOS**

Lacado y anodizado

NORMAS

EN 1670, 13126-1

OBSERVACIONES

Cierre con recuperación manual o automática. Gancho no incluído

EMBALLAGE

266i Boîte avec 100 pieces 6710 grs.
266P Boîte avec 100 pieces 6250 grs.

MATÉRIELS

Aluminium, zamak et nylon

FIXATION**266P** Vis inclus**FINITIONS**

Laqué et anodisé

NORMATIF

EN 1670, 13126-1

OBSERVATIONS

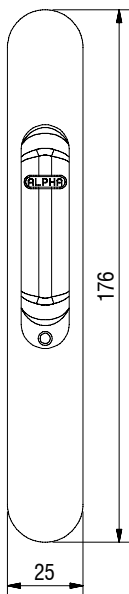
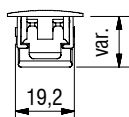
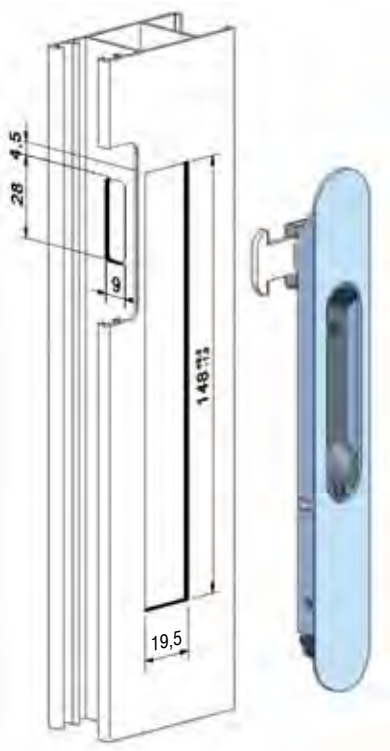
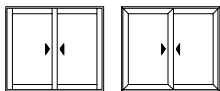
Fermeture avec retablisement manuel ou automatique. Crochet pas inclus

Fecho de embutir **267** - 25mm
Sliding lock **267** - 25mm
Cierre de embutir **267** - 25mm
Fermeture laterale **267** - 25mm

LINHA ECO

ECO

267



Aço niquelado
Acero niquelado
Nickel steel

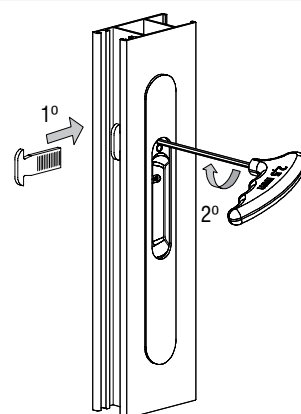
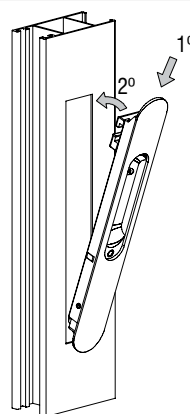


Ver dimensões pág. 171
See dimensions on pag. 171
Dimensiones pag. 171
Voir dimensions pág. 171



RAI AN

Mod. Dep.



EMBALAGEM

267i Caixa com 100 unidades 6095 grs.
267P Caixa com 100 unidades 5750 grs.

MATERIAIS

Alumínio, zamak e nylon

FIXAÇÃO

267P Parafusos incluídos

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670, 13126-1

OBSERVAÇÕES

Fecho c/ recuperação manual ou automática. Gancho não incluído

PACKAGING

267i Box with 100 units 6095 grs.
267P Box with 100 units 5750 grs.

MATERIALS

Aluminium, zamak and nylon

FIXING

267P Screws included

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670, 13126-1

COMMENTS

Lock with manual or automatic recovery. Hook not included

EMPAQUETADO

267i Caja con 100 unidades 6095 grs.
267P Caja con 100 unidades 5750 grs.

MATERIALES

Aluminio, zamak y nylon

FIJACIÓN

267P Tornillos incluidos

ACABADOS

Lacado y anodizado

NORMAS

EN 1670, 13126-1

OBSERVACIONES

Cierre con recuperación manual o automática. Gancho no incluído

EMBALLAGE

267i Boîte avec 100 pieces 6095 grs.
267P Boîte avec 100 pieces 5750 grs.

MATÉRIELS

Aluminium, zamak et nylon

FIXATION

267P Vis inclus

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670, 13126-1

OBSERVATIONS

Fermeture avec retablisement manuel ou automatic. Crochet pas inclus

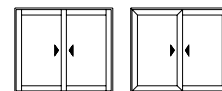
ALPHA

261i



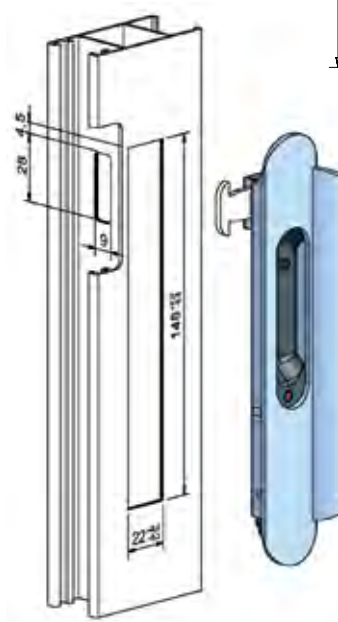
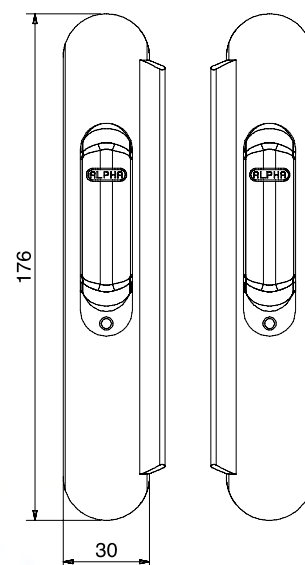
Mod. Dep.

RAL AN

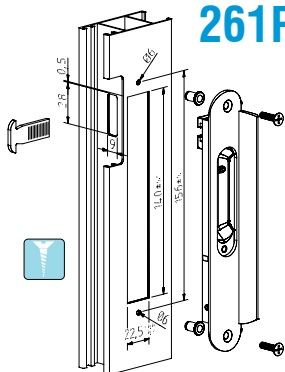


Esquerdo
Left
Izq.
Gauche

Direito
Right
Dto.
Droite



261P

**EMBALAGEM**

Caixa com 25 unidades. 261i 2110 grs.

MATERIAIS

Alumínio, zamak e nylon

FIXAÇÃO

261P Parafusos incluídos

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Parafuso inox e porca para cravar incluídos

PACKAGING

Box with 25 units. 2110 grs.

MATERIALS

Aluminium, zamak and nylon

FIXING

261P Screws included

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Stainless steel screws and nuts included

EMPAQUETADO

Caja con 25 unidades. 2110 grs.

MATERIALES

Aluminio, zamak y nylon

FIJACIÓN

261P Tornillos incluidos

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Tornillos de acero inox y tuerca incluidos

EMBALLAGE

Boîte avec 25 pièces. 2110 grs.

MATÉRIELS

Aluminium, zamak et nylon

FIXATION

261P Vis inclus

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

OBSERVATIONS

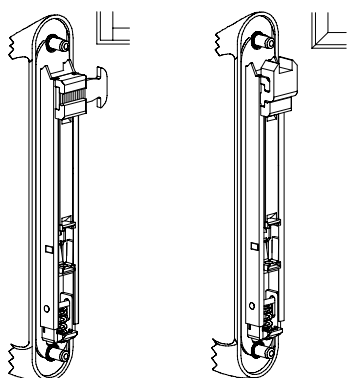
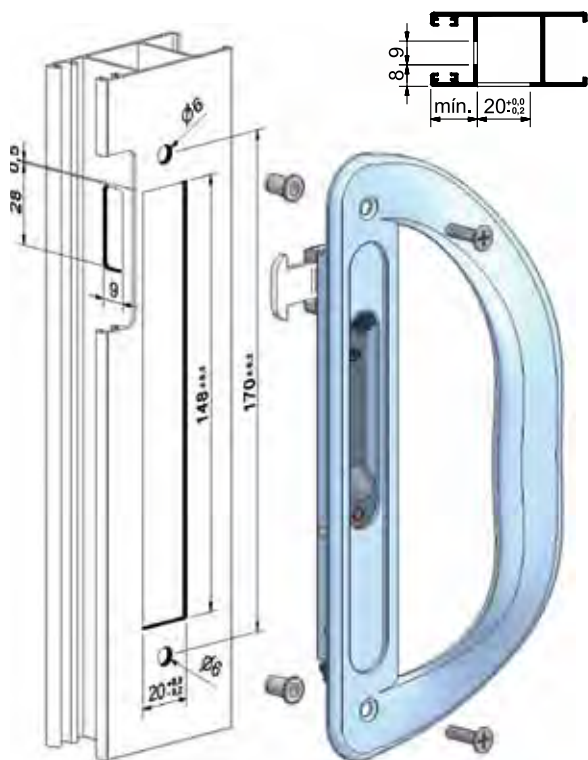
Vis acier inox et écrou inclus

Fecho de embutir com pega
Sliding lock with handle
Cierre de embutir con tirador
Fermeture latérale avec poignée

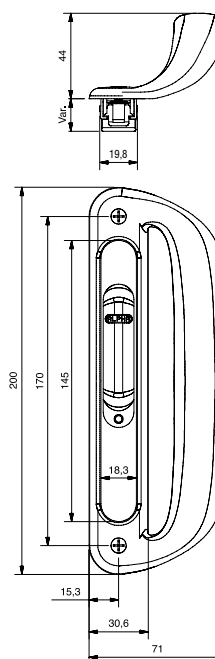
LINHA ECO

ECO

262



Mod. Dep.



EMBALAGEM

Caixa com 10 unidades. 2455 grs.

MATERIAIS

Alumínio, zamak e nylon

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Parafuso inox e porca para cravar incluídos

PACKAGING

Box with 10 units. 2455 grs.

MATERIALS

Aluminium, zamak and nylon

FIXING

Screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Stainless steel screws and nuts included

EMPAQUETADO

Caja con 10 unidades. 2455 grs.

MATERIALES

Aluminio, zamak y nylon

FIJACIÓN

Tornillos incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Tornillos de acero inox y tuerca incluidos

EMBALLAGE

Boîte avec 10 pièces. 2455 grs.

MATÉRIELS

Aluminium, zamak et nylon

FIXATION

Vis inclus

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

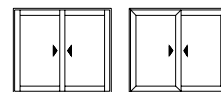
Vis acier inox et écrou inclus

ALPHA

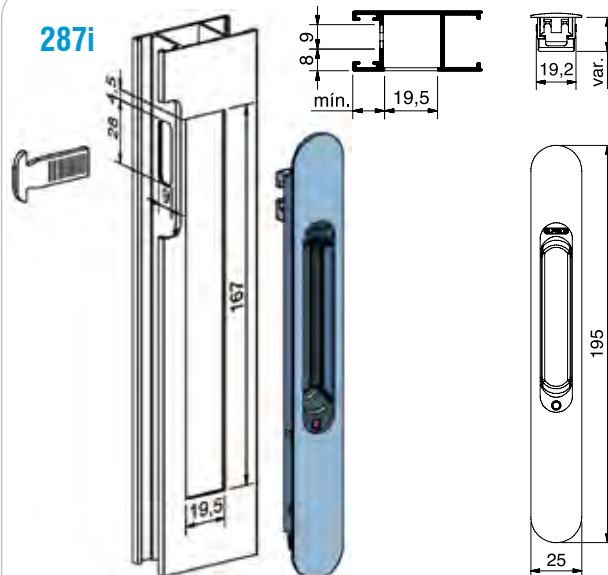
287i

Mod. Dep.

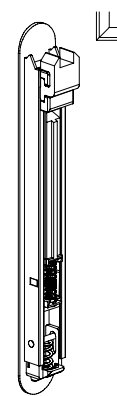
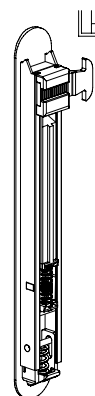
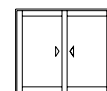
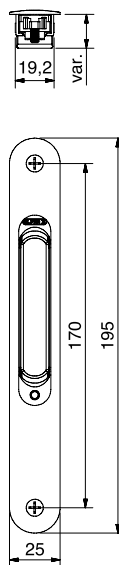
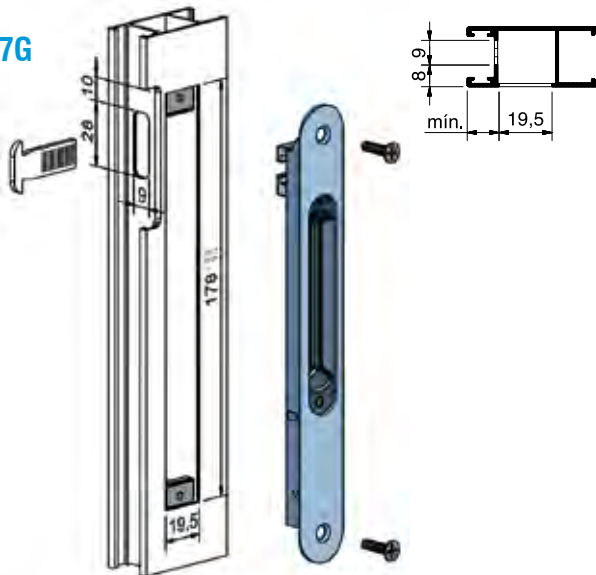
RAL AN



287i



287G

**EMBALAGEM**

287i Caixa com 100 unidades 6150 grs.
287G Caixa com 100 unidades 6940 grs.

MATERIAIS

Alumínio, zamak e nylon

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho c/ recuperação manual ou automática. Gancho não incluído

PACKAGING

287i Box with 100 units 6150 grs.
287G Box with 100 units 6940 grs.

MATERIALS

Aluminium, zamak and nylon

FIXING

Screws included

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Lock with manual or automatic recovery.
Hook not included

EMPAQUETADO

287i Caja con 100 unidades 6150 grs.
287G Caja con 100 unidades 6940 grs.

MATERIALES

Aluminio, zamak y nylon

FIJACIÓN

Tornillos incluidos

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Cierre con recuperación manual o automática. Gancho no incluido

EMBALLAGE

287i Boîte avec 100 pièces 6150 grs.
287G Boîte avec 100 pièces 6940 grs.

MATÉRIELS

Aluminium, zamak et nylon

FIXATION

Vis inclus

FINITIONS

Laqué et anodisé

NORMATIF

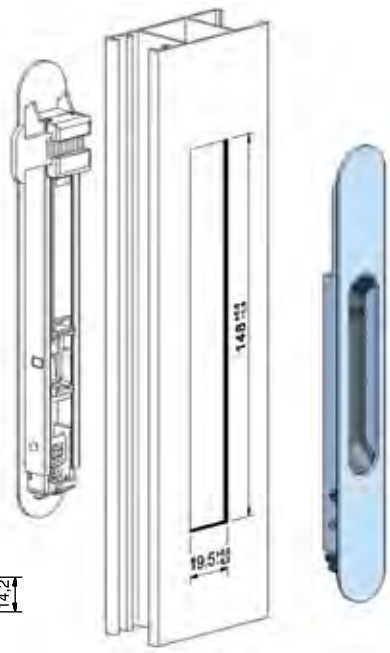
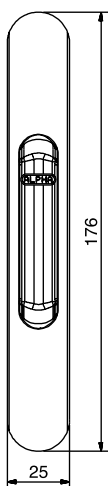
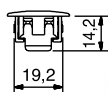
EN 1670

OBSERVATIONS

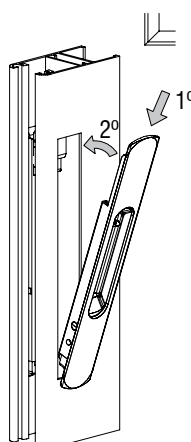
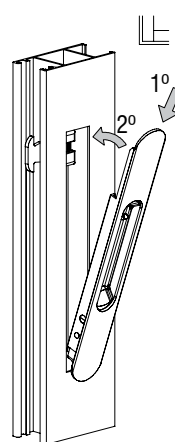
Fermeture avec retablisement manuel ou automatique. Crochet pas inclus



Compatível com 267i
Compatible with 267i
Compatible con 267i
Compatible avec 267i



Mod. Dep.



EMBALAGEM

Caixa com 25 unidades. 965 grs.

MATERIAIS

Alumínio e nylon

FIXAÇÃO

Por clipagem

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Pega para portas.

PACKAGING

Box with 25 units. 965 grs.

MATERIALS

Aluminium and nylon

FIXING

By clamping

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Handle for doors.

EMPAQUETADO

Caja con 25 unidades. 965 grs.

MATERIALES

Aluminio y nylon

FIJACIÓN

Por apriete

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Tirador para puertas.

EMBALLAGE

Boîte avec 25 unités. 965 grs.

MATÉRIELS

Aluminium et nylon

FIXATION

Par serrage

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

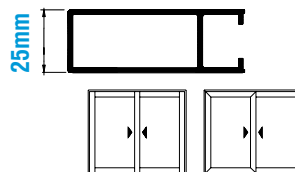
OBSERVATIONS

Poigné pour portes.

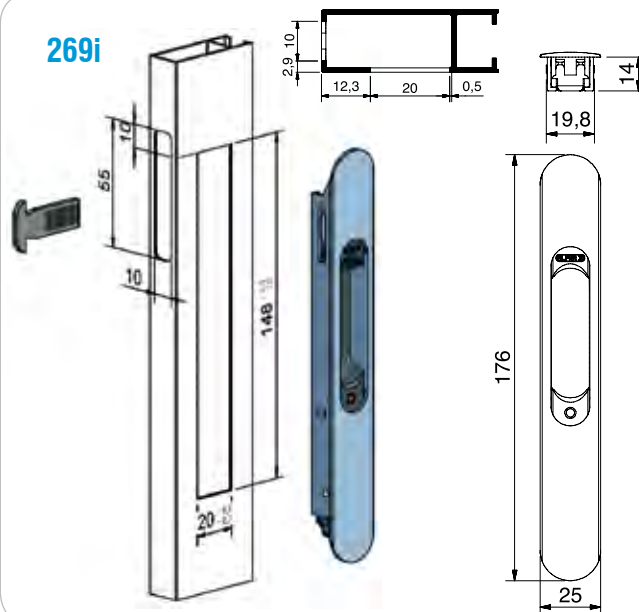
Mod. Dep.

RAL AN

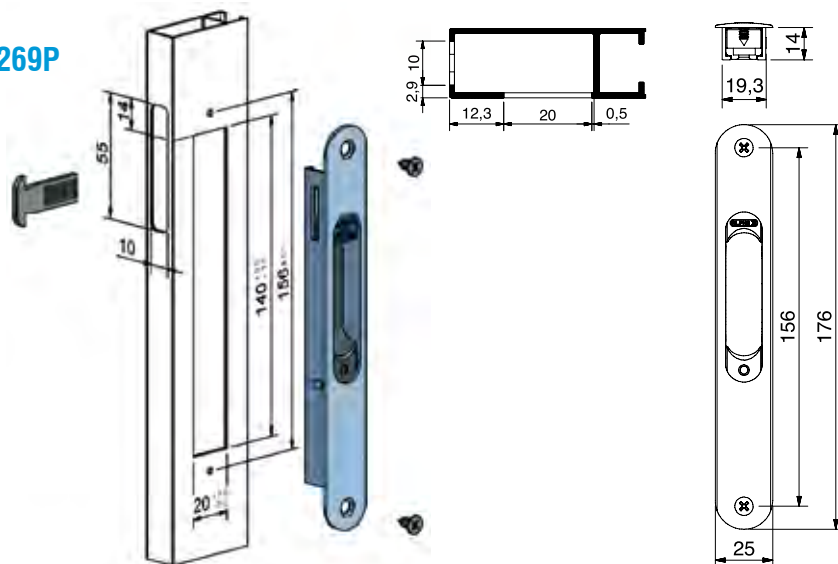
Para perfis até 25mm
For slim up to 25mm
Para perfis hasta 25mm
Pour profiles jusqu'à 25mm



269i



269P



269i / 269P

Aço niquelado
Acero niquelado
Nickel steel



Ver dimensões linha ALU
See dimensions on ALU Line
Dimensiones en línea ALU
Voir dimensions sur ligne ALU
pag. 177

EMBALAGEM

Caixa com 100 unidades.

MATERIAIS

Alumínio, zamak e nylon

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho c/ recuperação manual ou automática. Gancho não incluído

PACKAGING

Box with 100 units.

MATERIALS

Aluminium, zamak and nylon

FIXING

Screws included

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Lock with manual or automatic recovery. Hook not included

EMPAQUETADO

Caja con 100 unidades

MATERIALES

Aluminio, zamak y nylon

FIJACIÓN

Tornillos incluidos

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Cierre con recuperación manual o automática. Gancho no incluído

EMBALLAGE

Boîte avec 100 unités

MATÉRIELS

Aluminium, zamak y nylon

FIXATION

Vis inclus

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

OBSERVATIONS

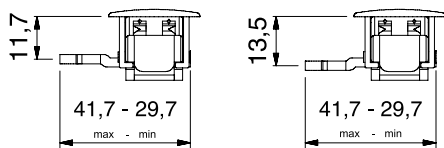
Fermeture avec retablisement manuel ou automatic. Crochet pas inclus

Ganchos aço niquelado / Nickel steel Hooks / Ganchos acero niquelado / Crochet en acier niquelée



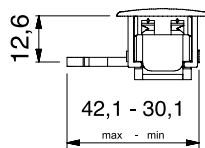
G5A

266 / 267 / 261 / 287



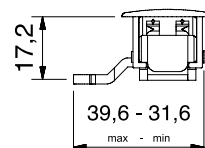
G5B

266 / 267 / 261 / 287



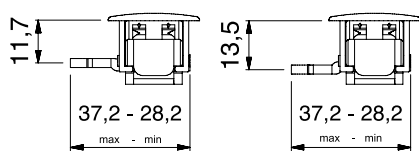
G5C

266 / 267 / 261 / 287



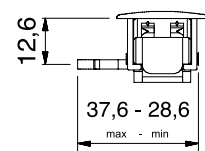
G5D

266 / 267 / 261 / 287



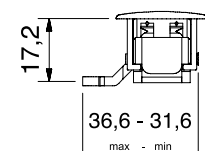
G5E

266 / 267 / 261 / 287



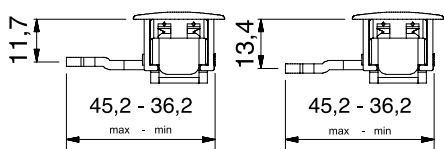
G5F

266 / 267 / 261 / 287



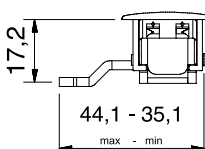
G5G

266 / 267 / 261 / 287



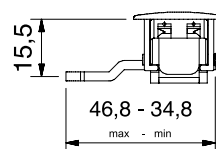
G5H

266 / 267 / 261 / 287



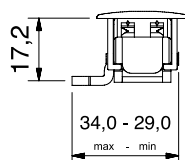
G5i

266 / 267 / 261 / 287



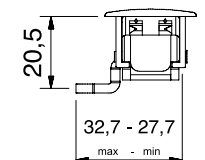
G5J

266 / 267 / 261 / 287



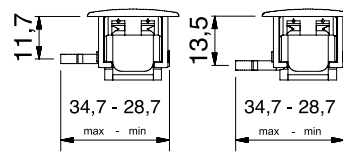
G5L

266 / 267 / 261 / 287



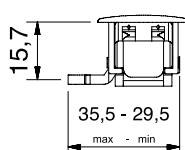
G5M

266 / 267 / 261 / 287

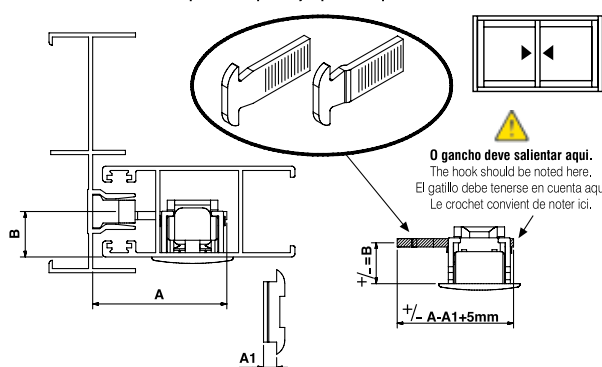


G5N

266 / 267 / 261 / 287



Exemplos / Examples / Ejemplo / Exemple



Gache / Keepers / Cerraderos / Serrures

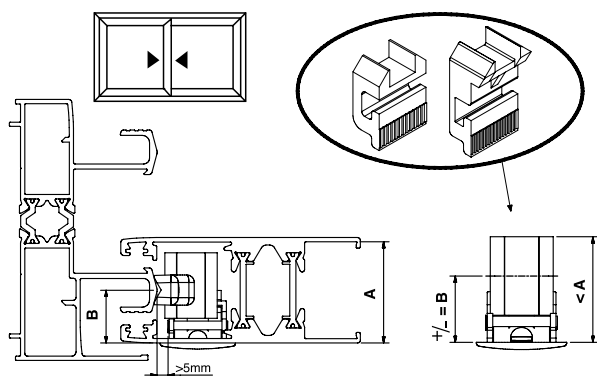
Garra / Claw / garra / Griffes

Ref.	Desig.	Un.	Qt			Ref.	Desig.	Un.	Qt	
G28	Gache	1	25 un.			G34	Gache	1	25 un.	
G29	Gache	1	25 un.			G38	Garra	1	25 un.	
G33	Gache	1	25 un.			G44	Garra	1	25 un.	

Mais opções de gaches no capítulo das Gaches / More options of Counterplates chapter.
Más opciones en el capítulo de Cerraderos / Plus d'options dans le chapitre de Serrures.



Exemplos / Examples / Ejemplo / Exemple



EMBALAGEM / PACKAGING / EMPAQUETADO / EMBALAGE

Caixas / Boxes / Cajas / Boîtes - 25 un.



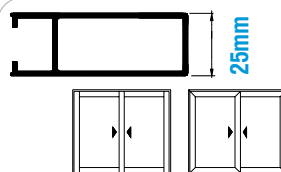
LINHA ALU

ECO LINE
LINEA ECO
LIGNE ECO

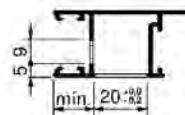
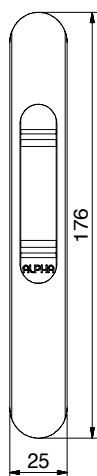
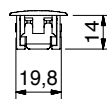


297i

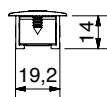
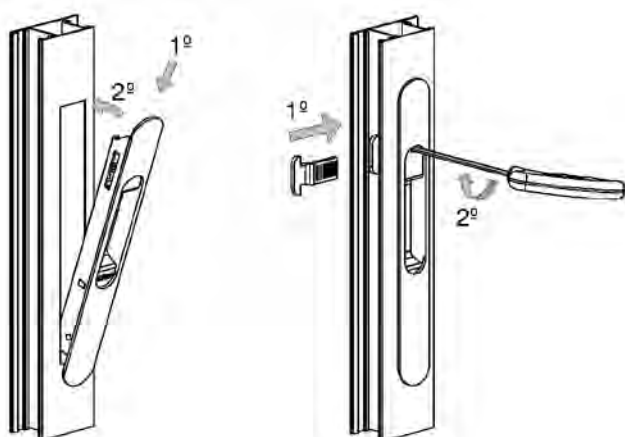
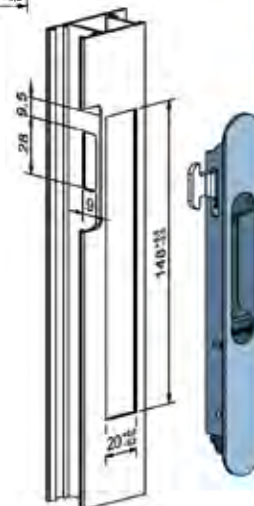
Mod. Dep.



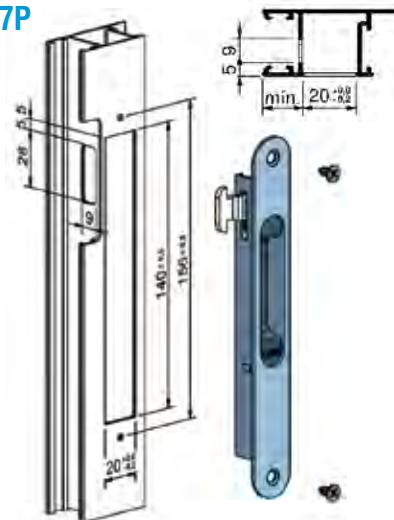
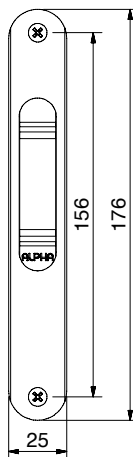
Para perfis até
For slim up to
Para perfis hasta
Pour profiles jusqu'à



297i



297P

**EMBALAGEM**Caixa com 100 unidades. **297P** 5730grs**MATERIAIS**

Perfil de alumínio

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho c/ recuperação manual ou automática. Gancho não incluído

PACKAGINGBox with 100 units. **297P** 5730grs**MATERIALS**

Aluminium profile

FIXING

Screws included

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Lock with manual or automatic recovery. Hook not included

EMPAQUETADOCaja con 100 unidades. **297P** 5730grs**MATERIALES**

Aluminio perfil

FIJACIÓN

Tomillos incluidos

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Cierre con recuperación manual o automática. Gancho no incluído

EMBALLAGEBoîte avec 100 unités. **297P** 5730grs**MATÉRIELS**

Aluminium profil

FIXATION

Vis inclus

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

OBSERVATIONS

Fermeture avec retablisement manuel ou automatic. Crochet pas inclus

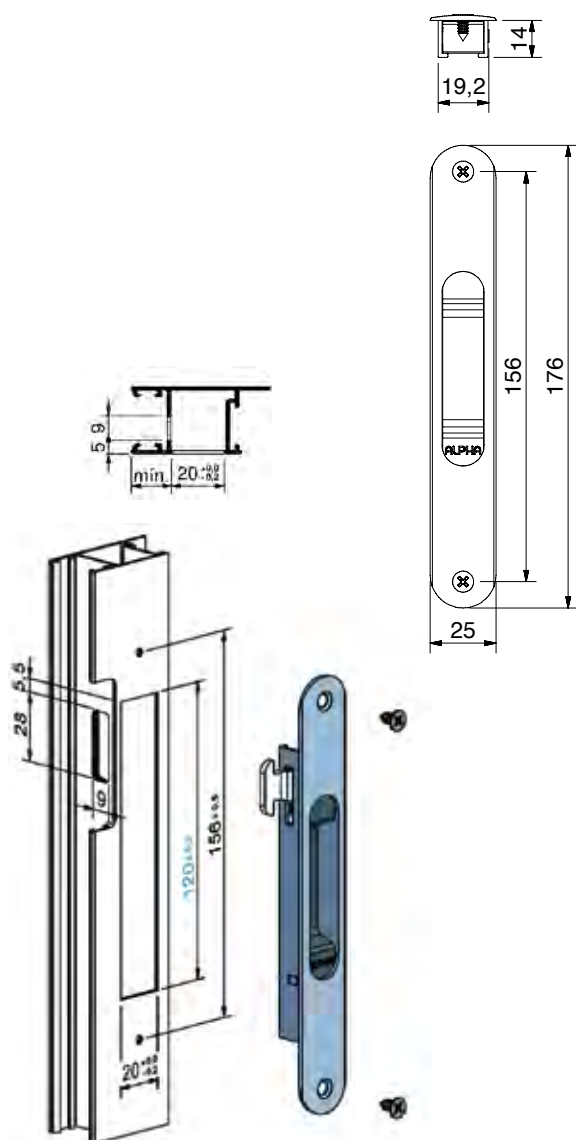
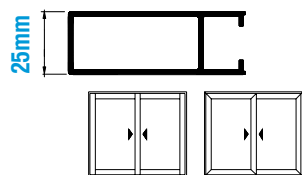
Fecho de embutir (maquinação 120)
Sliding lock (machining 120)
Cierres de embutir (mecanizado 120)
Fermeture laterale (usinage 120)

LINHA ALU

ALU 298P

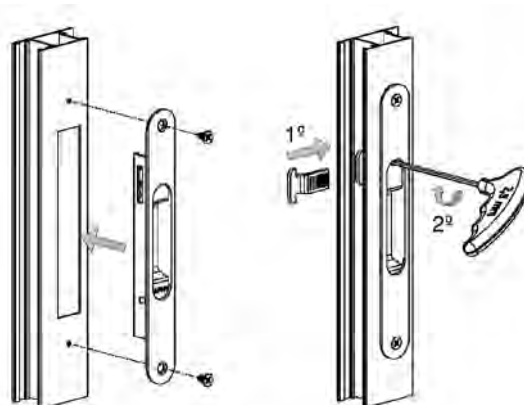
ALPHA

Para perfis até
For slim up to
Para perfiles hasta
Pour profiles jusqu'a



298P

Mod. Dep.



EMBALAGEM

Caixa com 100 unidades. 5430 grs

MATERIAIS

Perfil de alumínio

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho c/ recuperação manual ou automática. Gancho não incluído

PACKAGING

Box with 100 units. 5430 grs

MATERIALS

Aluminium profile

FIXING

Screws included

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Lock with manual or automatic recovery. Hook not included

EMPAQUETADO

Caja con 100 unidades. 5430 grs

MATERIALES

Aluminio perfil

FIJACIÓN

Tomillos incluidos

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Cierre con recuperación manual o automática. Gancho no incluido

EMBALLAGE

Boîte avec 100 unités. 5430 grs

MATÉRIELS

Aluminium profil

FIXATION

Vis inclus

FINITIONS

Laqué et anodisé

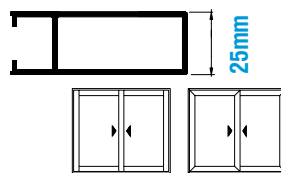
NORMATIF

EN 1670

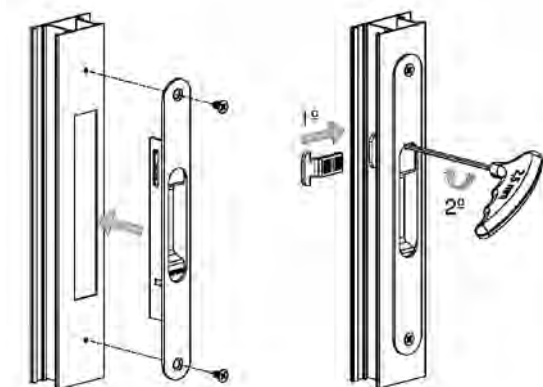
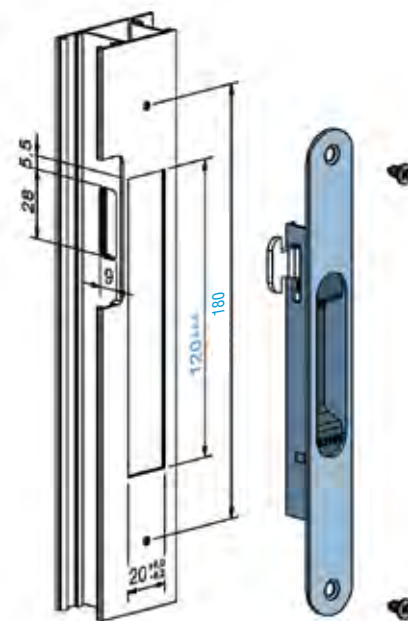
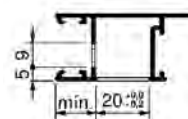
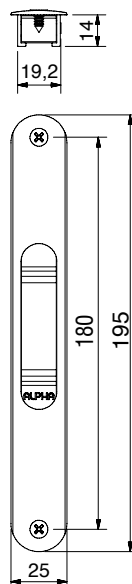
OBSERVATIONS

Fermeture avec retablisement manuel ou automatic. Crochet pas inclus

Mod. Dep.



Para perfis até
For slim up to
Para perfis hasta
Pour profiles jusqu'a

**EMBALAGEM**

Caja com 100 unidades.

MATERIAIS

Perfil de alumínio

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho c/ recuperação manual ou automática. Gancho não incluído

PACKAGING

Box with 100 units.

MATERIALS

Aluminium profile

FIXING

Screws included

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Lock with manual or automatic recovery. Hook not included

EMPAQUETADO

Caja con 100 unidades

MATERIALES

Aluminio perfil

FIJACIÓN

Tornillos incluidos

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Cierre con recuperación manual o automática. Gancho no incluído

EMBALLAGE

Boîte avec 100 unités

MATÉRIELS

Aluminium profil

FIXATION

Vis inclus

FINITIONS

Laqué et anodisé

NORMATIF

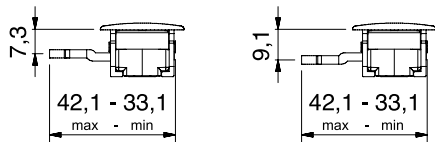
EN 1670

OBSERVATIONS

Fermeture avec retablisement manuel ou automatique. Crochet pas inclus

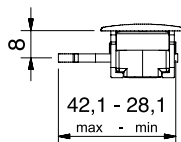
G5A

269 / 297 / 298 / 299



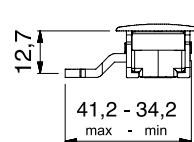
G5B

269 / 297 / 298 / 299



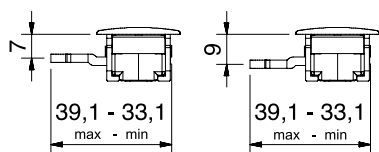
G5C

269 / 297 / 298 / 299



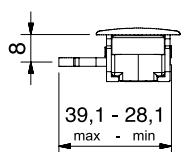
G5D

269 / 297 / 298 / 299



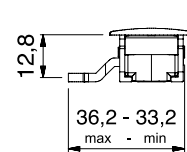
G5E

269 / 297 / 298 / 299



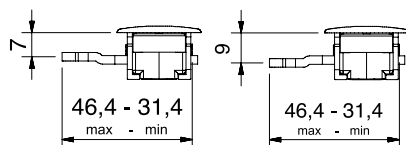
G5F

269 / 297 / 298 / 299



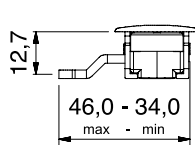
G5G

269 / 297 / 298 / 299



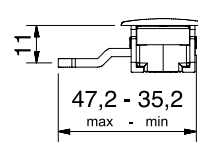
G5H

269 / 297 / 298 / 299



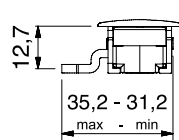
G5i

269 / 297 / 298 / 299



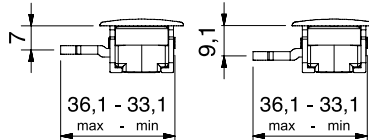
G5J

269 / 297 / 298 / 299



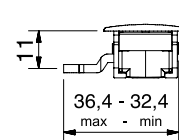
G5M

269 / 297 / 298 / 299



G5N

269 / 297 / 298 / 299



Aço niquelado
 Acero niquelado
 Nickel steel



EMBALAGEM / PACKAGING / EMPAQUETADO / EMBALAGE
 Caixas / Boxes / Cajas / Boîtes - 25

ALPHA® 



FECHOS DE CORRER

SLIDING LOCKS
CIERRES PARA CORREDERAS
FERMETURE COULISSANTS



236
237



FECHOS DE CORRER

Fecho lateral de embutir p/ séries convencionais
Sliding lock for conventional series
Cierre lateral de embutir para series convencionales
Fermeture latérale pour série conventionnelle

ALPHA



236



Recuperação manual
Manual recovery
Recuperación manual
Récupération manuelle

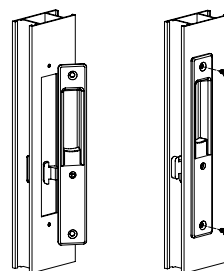
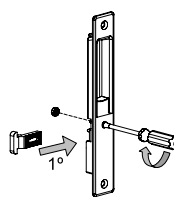
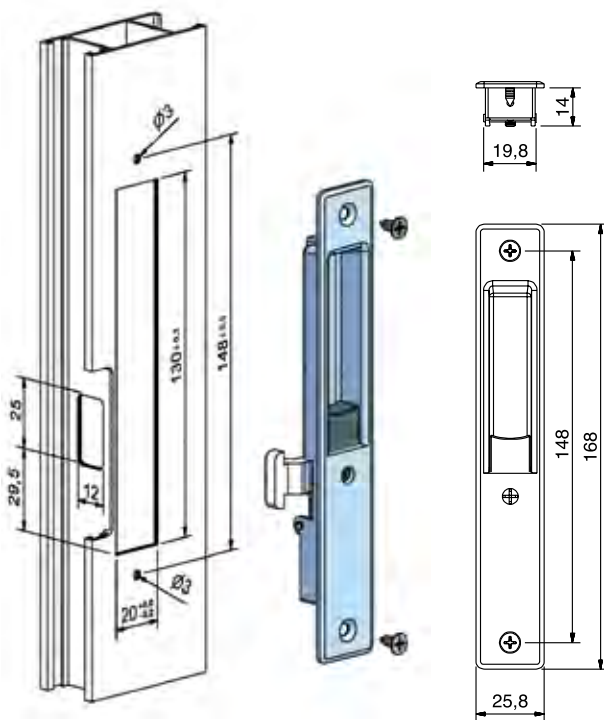
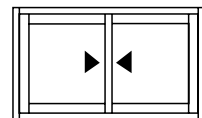
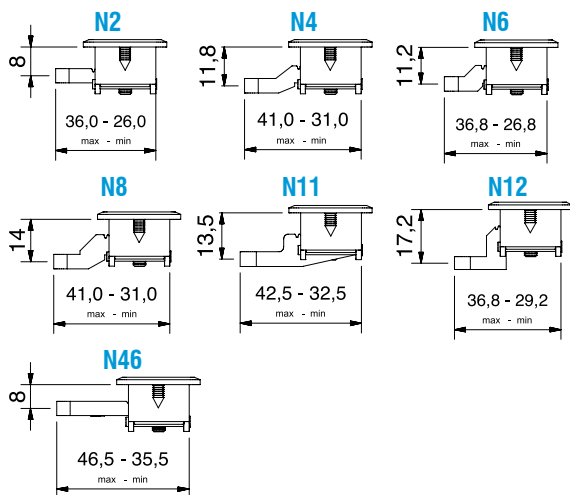


237

Recuperação automática
Automatic recovery
Recuperación automática
Récupération automatique



Ganchos Zamak p/ ref. 236 / 7
Locking piece / Hooks for sliding lock ref. 236 / 7
Ganche de cierre para cierres ref. 236 / 7
Crochets de fixation pour ref. 236 / 237



EMBALAGEM

236- Caixa com 50 unidades. 4470 grs.
237- Caixa com 50 unidades. 3900 grs.

MATERIAIS

Zamak e nylon

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Gancho não incluído

PACKAGING

236- Box with 50 units. 4470 grs.
237- Box with 50 units. 3900 grs.

MATERIALS

Zamak and nylon

FIXING

Screws included

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Hook not included

EMPAQUETADO

236- Caja con 50 unidades. 4470 grs.
237- Caja con 50 unidades. 3900 grs.

MATERIALES

Zamak y nylon

FIJACIÓN

Tomillos incluidos

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Gancho no incluído

EMBALLAGE

236- Boîte avec 50 unités. 4470 grs.
237- Boîte avec 50 unités. 3900 grs.

MATÉRIELS

Zamak et nylon

FIXATION

Vis inclus

FINITIONS

Laqué

NORMATIF

EN 1670

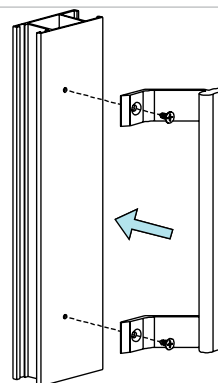
OBSERVATIONS

Crochet pas inclus

FECHOS DE CORRER



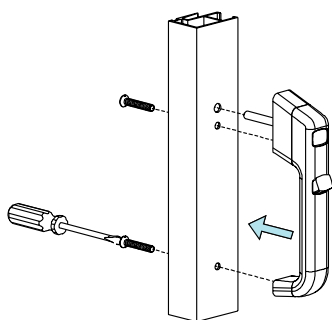
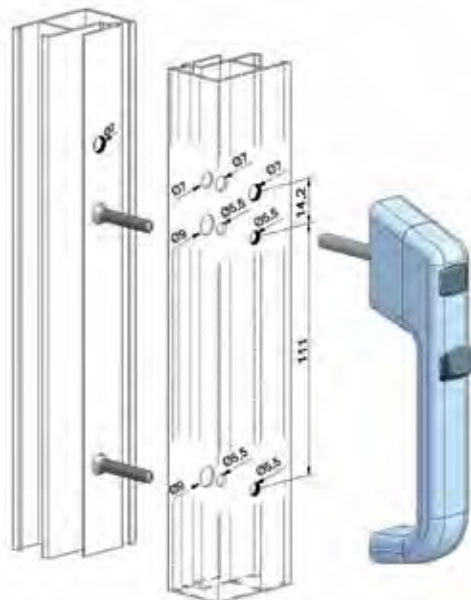
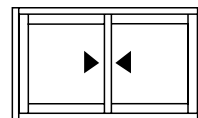
ALPHA.® Ж



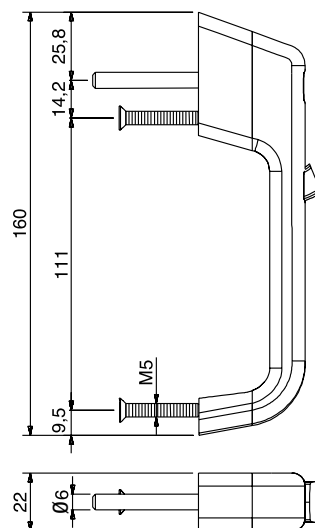
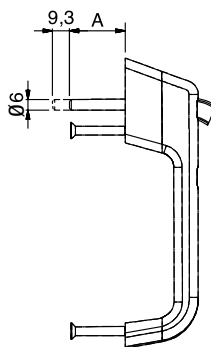
OBSERVATIONS
Fermeture lateral pas inclus

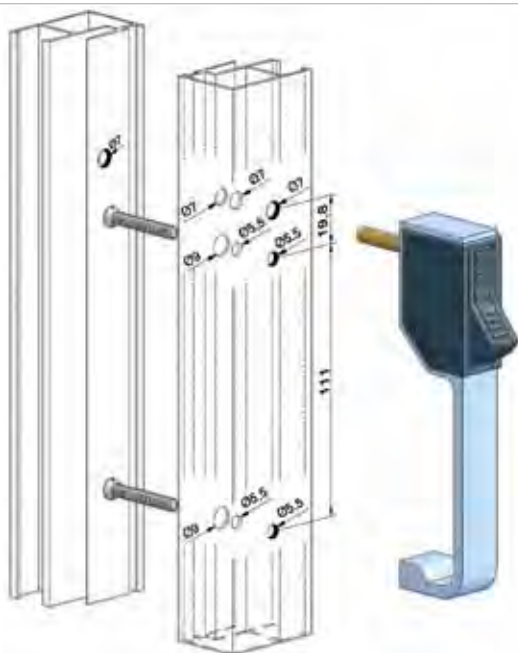
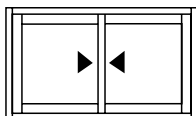


Mod. Dep.



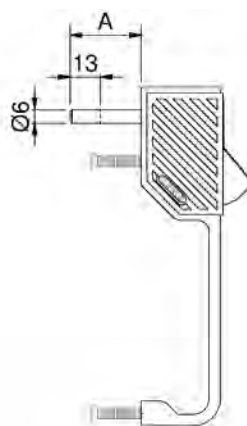
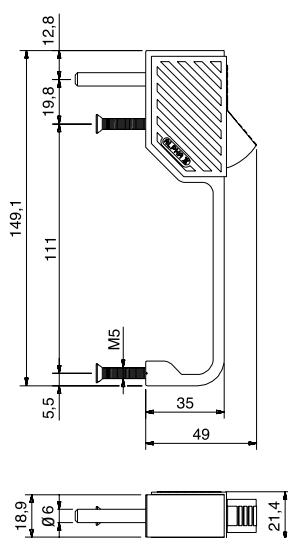
Ref:	A	Grs.
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220H	23,4	3165
220B	30,5	3215
220C	32,0	3235
220D	33,0	3240
220E	36,0	3250
220G	42,0	
220i	45,0	
220F	48,0	
220L	60,0	





RAI AN

Mod. Dep.



Ref:	A
203P	35
203	45
203E	55

EMBALAGEM

Caixa com 100 unidades. 10300 grs.

MATERIAIS

Alumínio e nylon

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Espigão em aço

PACKAGING

Box with 100 units 10300 grs.

MATERIALS

Aluminium and nylon

FIXING

Screws included

FINISHING

Powder painting and anodized

STANDARD

EN 1670

COMMENTS

Steel pin

EMPAQUETADO

Caja con 100 unidades 10300 grs.

MATERIALES

Aluminio y nylon

FIJACIÓN

Tornillos incluidos

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Eje en acero

EMBALLAGE

Boîte avec 100 unités 10300 grs.

MATÉRIELS

Aluminium et nylon

FIXATION

Vis inclus

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

OBSERVATIONS

Axe acier





GACHES

COUNTER PLATES
CONTRA CIERRES
GACHES

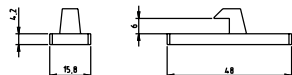
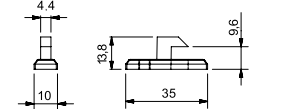
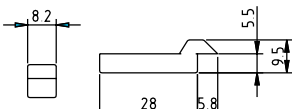
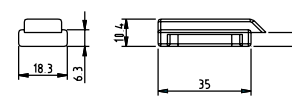
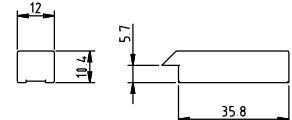
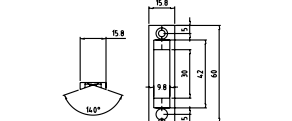
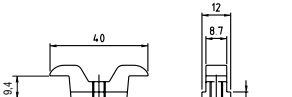
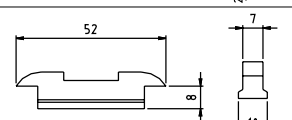
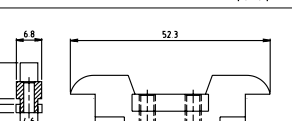
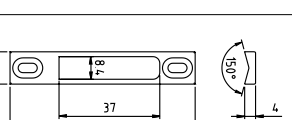
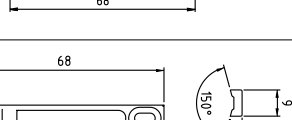
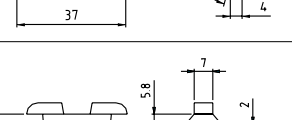




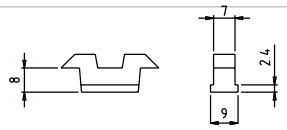
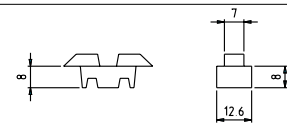
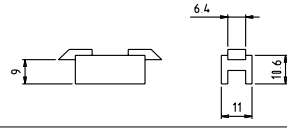
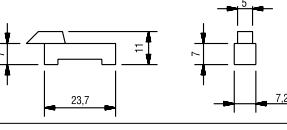
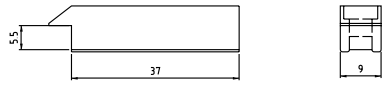
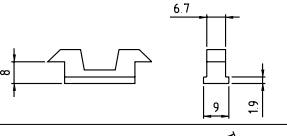
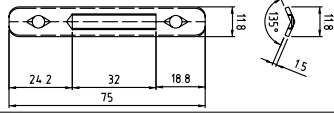
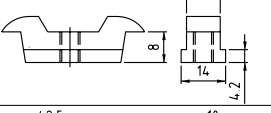
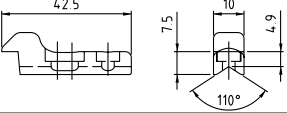
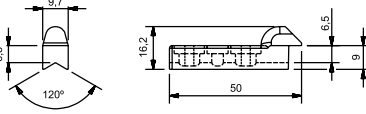
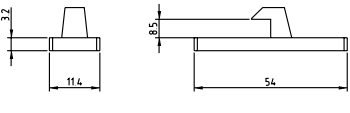
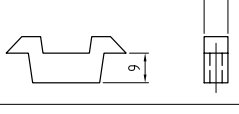
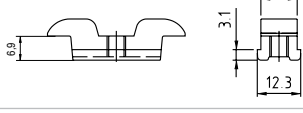
GACHES

Gaches para fechos de embutir
Counter plate for sliding lock
Contra cierre para cierre de embutir
Gaches pour fermeture latérale

ALPHA

	N1	Gache	1	25	235gr		
	N3	Gache	1	25	235gr		
	N5	Gache	1	25	245gr		
	N7	Gache	1	25	685gr		
	N9	Gache	1	25	585gr		
	N10	Gache	1	25	520gr		
	N13	Gache	1	25	315gr		
	N14	Gache	1	25	465gr		
	N15	Gache	1	25	535gr		
	N16	Gache	1	25	370gr		
	N17	Gache	1	25	275gr		
	N18	Gache	1	25	235gr		
	N19	Gache	1	25	375gr		



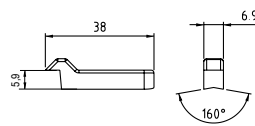
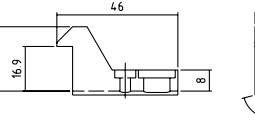
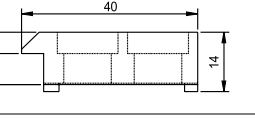
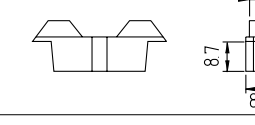
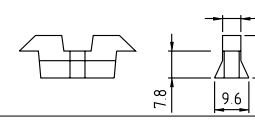
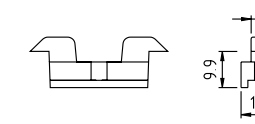
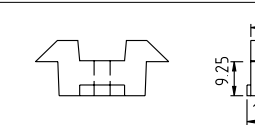
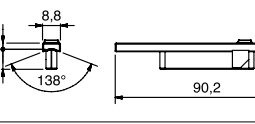
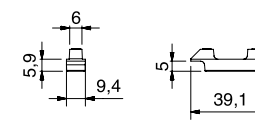
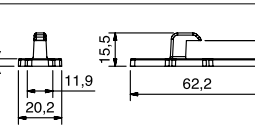
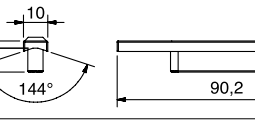
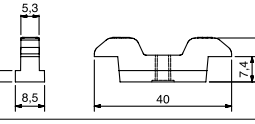
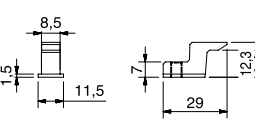
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	N22	Gache	1	25	405gr		
	N23	Gache	1	25	210gr		
	N24	Gache	1	25	420gr		
	N25	Gache	1	25	280gr		
	N26	Gache INOX	1	25	225gr		
	N27	Gache	1	25	565gr		
	N28	Gache	1	25	375gr	—	
	N29	Gache	1	25	510 gr	—	
	N30	Gache	1	25	370gr		
	N31	Gache	1	25	280gr	—	
	N32	Gache	1	25	480gr		



GACHES

Gaches para fechos de embutir
Counter plate for sliding lock
Contra cierre para cierre de embutir
Gaches pour fermeture latérale

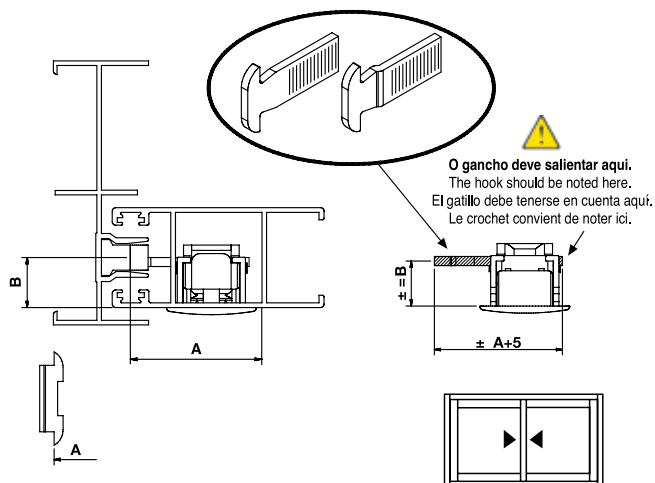
ALPHA

	N33	Gache	1	25	205 gr	—	
	N34	Gache	1	25	835 gr	—	
	N39	Gache	1	25	410gr	—	
	N40	Gache	1	25	430gr		
	N41	Gache	1	25	235gr		
	N42	Gache	1	25	335gr		
	N43	Gache	1	25	390gr		
	N47	Gache	1	25	495gr	—	
	N49	Gache	1	25	265gr		
	N50	Gache	1	25	455gr	—	
	N51	Gache	1	25	525gr	—	
	N52	Gache	1	25	225gr		
	N57	Gache	1	25	320gr		

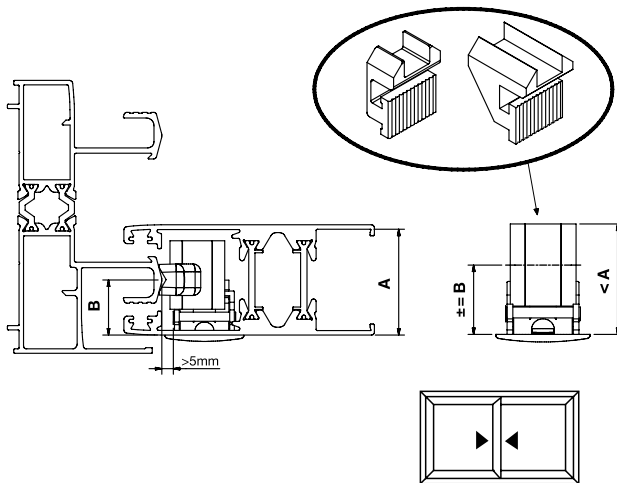


	N58	Gache	1	25	425gr		
	N59	Gache	1	25	330gr		
	N60	Gache	1	25	215gr		
	N61	Gache	1	25	315gr		
	N62	Gache	1	25	400gr		
	N63	Gache	1	25	595gr		
	N65	Gache	1	25	415gr		
	N66	Gache	1	25	605gr		
	N67	Gache	1	25	280gr		

Exemplos / Examples
Ejemplo / Exemple



Exemplos / Examples
Ejemplo / Exemple

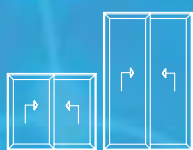






ELEVÁVEL

LIFT AND SLIDE BASIC KIT
KIT BASE ELEVABLE
KIT DE BASE ÉLÉVATOIRE



ALPHA®

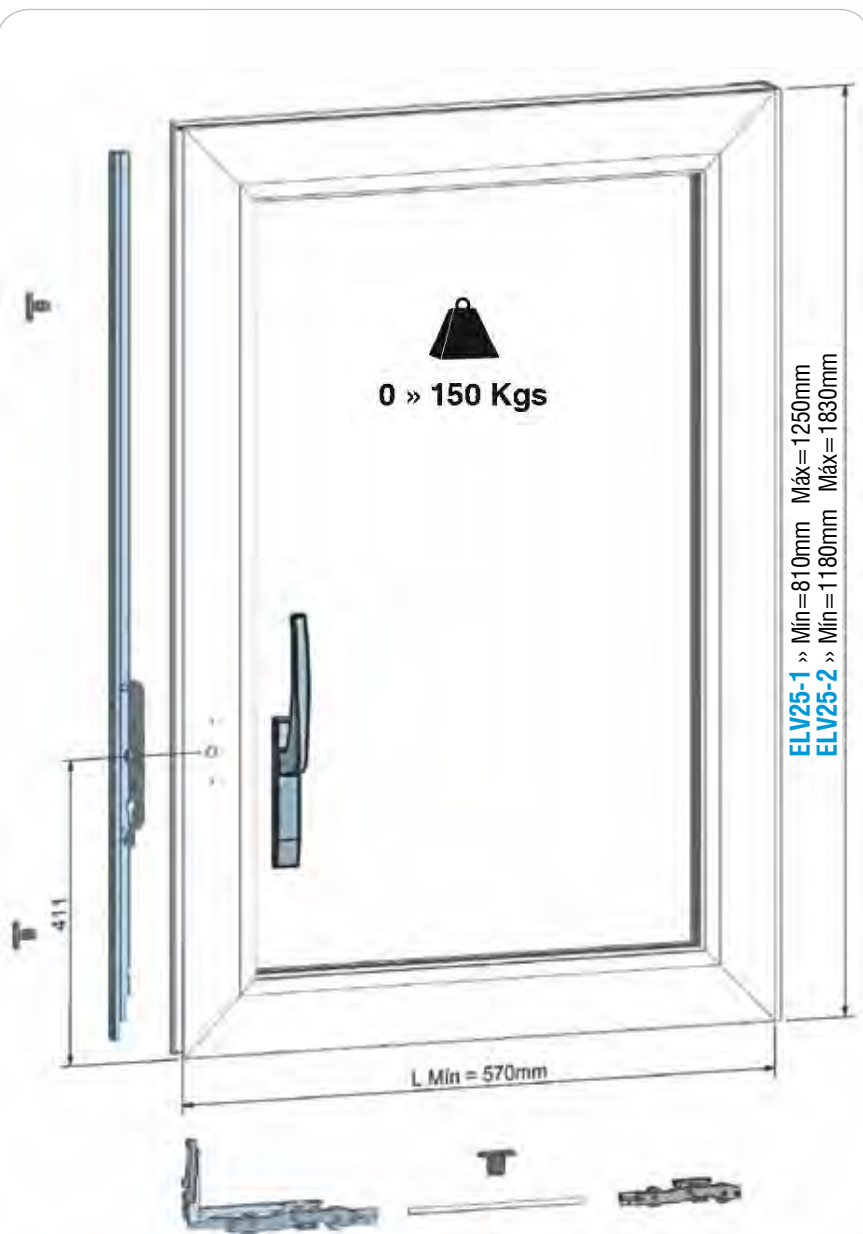
ELV25-1
ELV25-2



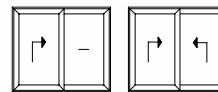
ELEVÁVEL

Kit base Elevável. Aplicação em **janelas**
Lift and slide basic kit. Application in **windows**
Kit base Elevable. Aplicación en **ventanas**
Kit de base Elévatoire. Application en **fenêtres**

ALPHA



ELV25-1 >> Min=810mm Máx=1250mm
ELV25-2 >> Min=1180mm Máx=1830mm

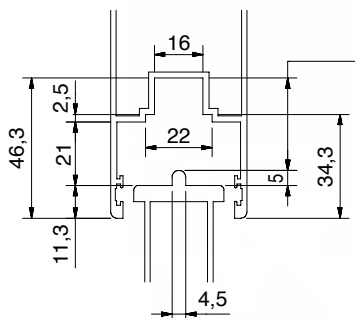


ELVMUL



Muleta lacada (n/ incluída)
Powder painted handle (not included)
Manilla lacada (no incluido)
Bequille laqué (pas inclus)

Standard - Perfil 16-30



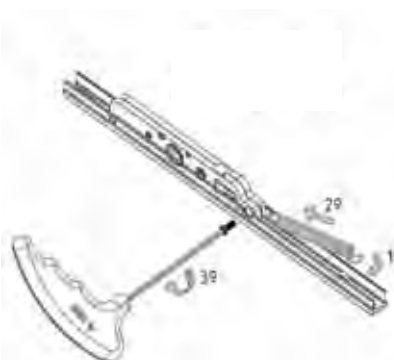
30 - Cota em descanso # resting position dimension
dimensión en descanso # dimension en repos
37 - Cota elevada # Up dimension
Dimensión elevada # dimension élevé

Outros canais sob consulta
Other profiles upon request
Otros perfiles a pedido
Autres profils sur demande

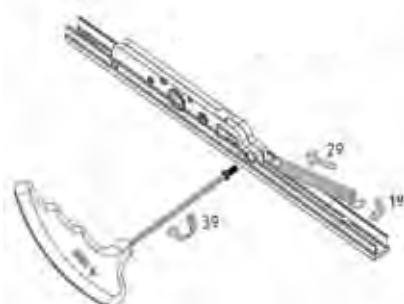





150 » 250 Kgs




250 » 350 Kgs



• **ELVMOL** Mola de 150 a 250 Kg (ELV25-1/2)

• **ELV35** Kit para 350 Kg (ELV25-1/2)

• **ELVBAT** Batente de folha p/ Elevável

• **ELVCON** Concha p/ Elevável

• **ELVFX** Calço p/ Folha fixa

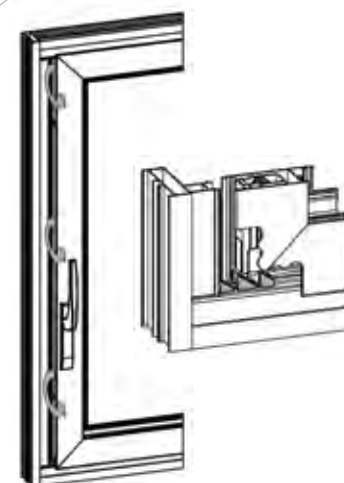
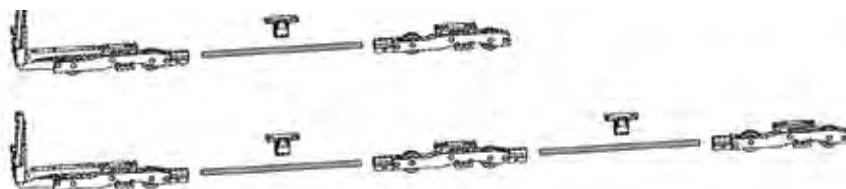
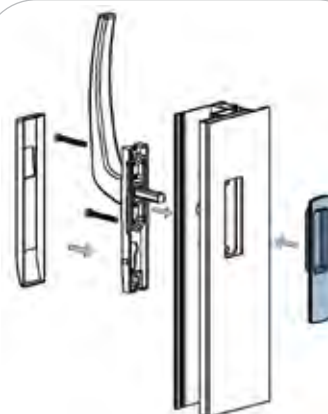
• **ELVMV** Microventilação p/ Elevável

• **VA1100** Vareta de ligação de 700 até 1600

• **VA1350** Vareta de ligação de 1600 até 1850

• **VA1850** Vareta de ligação de 1850 até 2350

• **VA2850** Vareta de ligação de 2350 até 3300



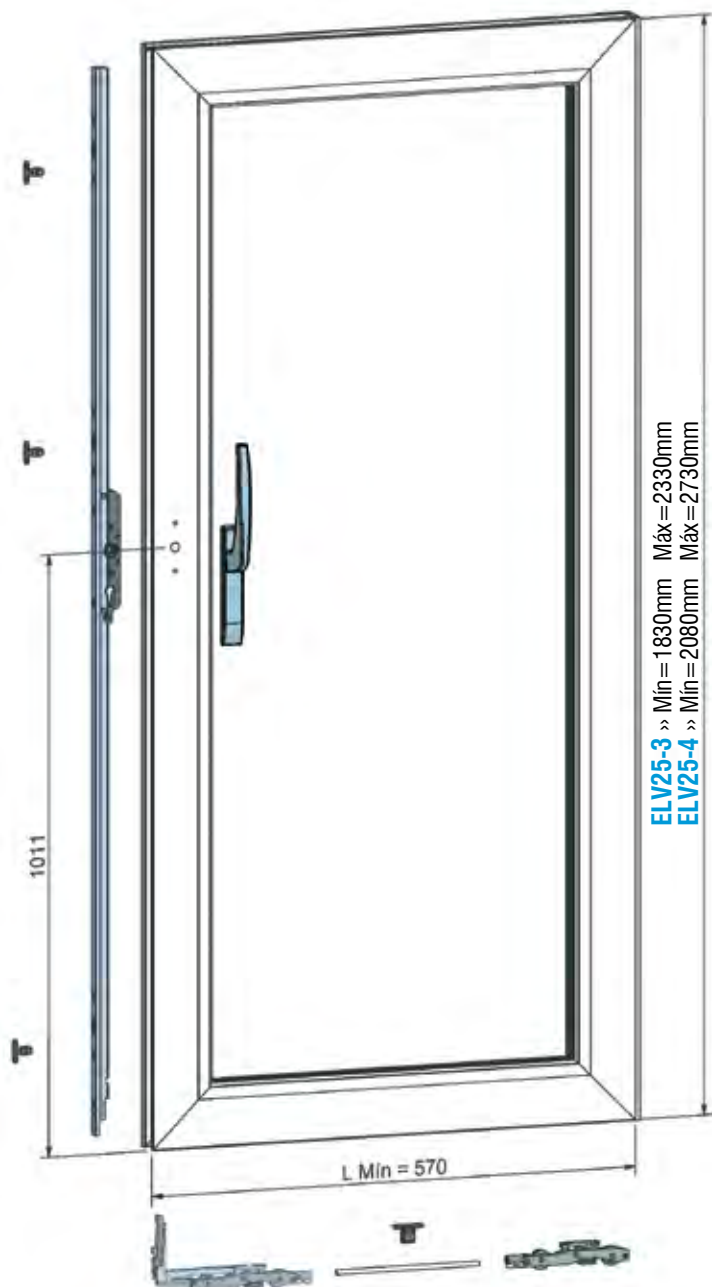
ELV25-3
ELV25-4



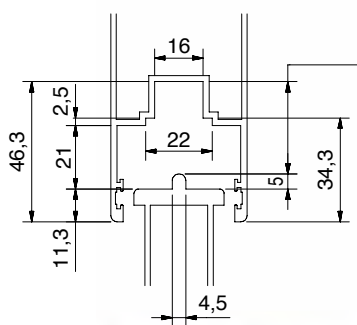
ELEVÁVEL

Kit base Elevável. Aplicação em **portas**
Basic kit. Application in **doors**
Kit base Elevable. Aplicación en **puertas**
Kit de base Elévatoire. Application en **portes**

ALPHA

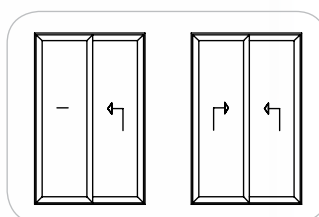


Standard - Perfil 16-30



30 - Cota em descanso # resting position dimension
dimensión en descanso # dimension en repos
37 - Cota elevada # Up dimension
Dimensión elevada # dimension élevé

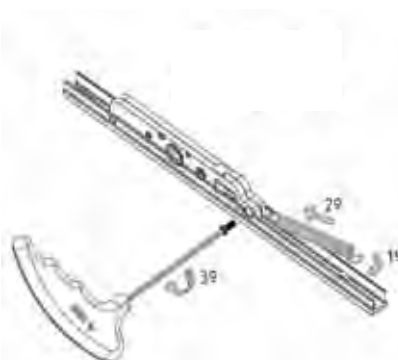
Outros canais sob consulta
Other profiles upon request
Otros perfiles a pedido
Autres profiles sur demande



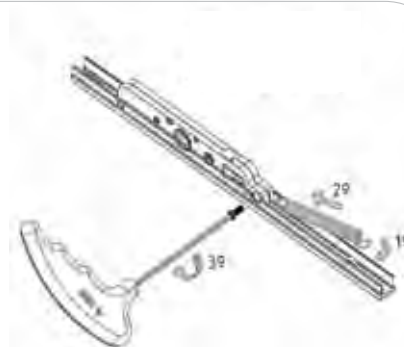
ELVMUL

Muleta lacada
(n/ incluída)
Powder painted handle
(not included)
Manilla lacada
(no incluido)
Bequille laqué
(pas inclus)


 150 » 250 Kgs




 250 » 350 Kgs



• **ELVMOL** Mola de 150 a 250 Kg (ELV25-3/4)

• **ELV35** Kit para 350 Kg (EL V25-3/4)

• **ELVBAT** Batente de folha p/ Elevável

• **ELVCON** Concha p/ Elevável

• **ELVFX** Calço p/ Folha fixa

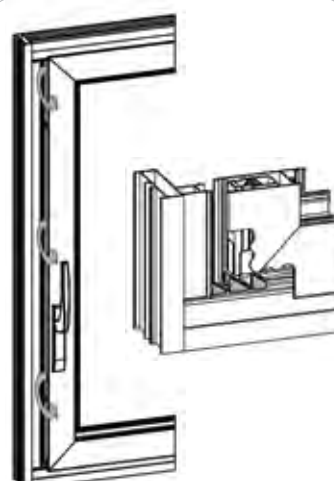
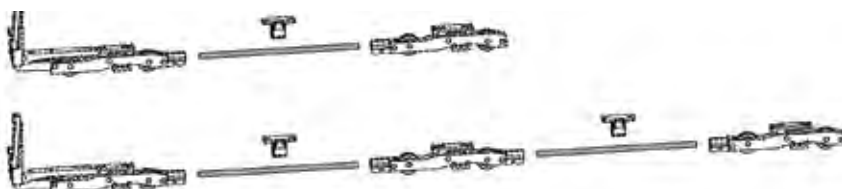
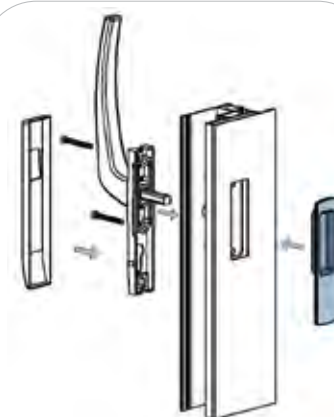
• **ELVMV** Microventilação p/ Elevável

• **VA1100** Vareta de ligação de 700 até 1600

• **VA1350** Vareta de ligação de 1600 até 1850

• **VA1850** Vareta de ligação de 1850 até 2350

• **VA2850** Vareta de ligação de 2350 até 3300







PUXADORES

PULL HANDLES
TIRADORES
POIGNÉES



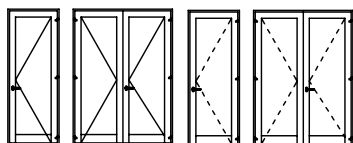
Puxador de porta
Pull handle
Tirador de puerta
Poignée de porte

PUXADORES



809
810

ALPHA

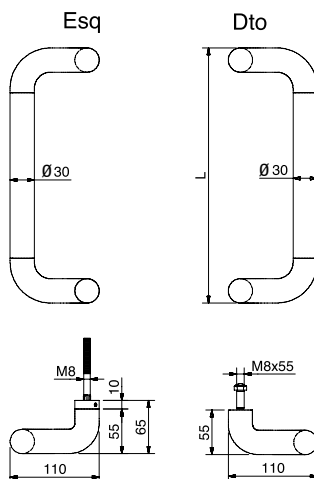
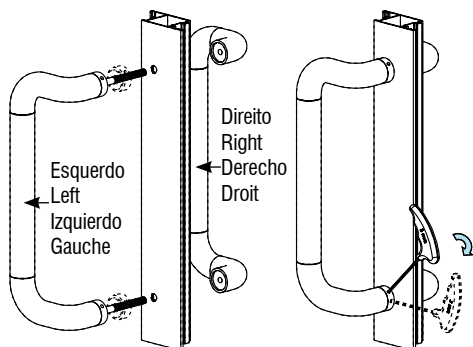


Mod. Dep.



809
Direito
Right
Derecho
Droit

809E
Esquerdo
Left
Izquierdo
Gauche



Ref.	L máx.
809	315
810	215

EMBALAGEM

Caixa com 1 unidade. **809**- 485grs.
810-430 grs.

MATERIAIS

Alumínio e nylon

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado / Anodizado

NORMAS

EN 1670

OBSERVAÇÕES

809E e **810E** - Esquerdos

PACKAGING

Box with 1 unit. **809**- 485grs.
810-430 grs.

MATERIALS

Aluminium and nylon

FIXING

Screws (included)

FINISHING

Powder painting / Anodized

STANDARD

EN 1670

COMMENTS

809E e **810E** - Left-handed

EMPAQUETADO

Caja con 1 unidade. **809**- 485grs.
810-430 grs.

MATERIALES

Aluminio y nylon

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado / Anodizado

NORMAS

EN 1670

OBSERVACIONES

809E e **810E** - Izquierdo

EMBALLAGE

Boîte avec 1 unité. **809**- 485grs.
810-430 grs.

MATÉRIELS

Aluminium et nylon

FIXATION

Vis (inclus)

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

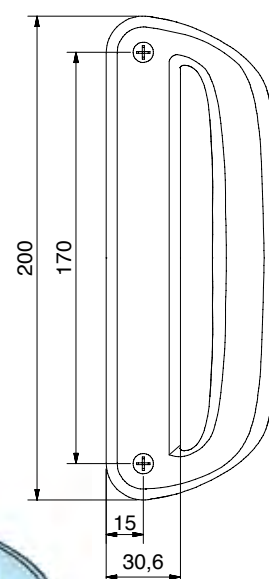
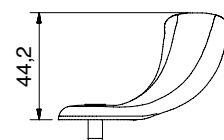
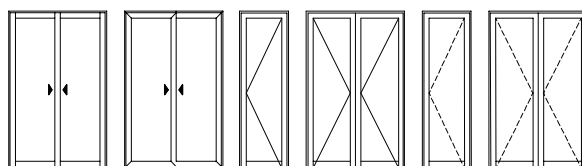
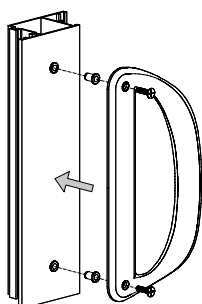
OBSERVATIONS

809E e **810E** - Gauche



ALPHA

Mod. Dep.

**EMBALAGEM**

Caja com 10 unidades. 2270grs.

MATERIAIS

Alumínio

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

-

PACKAGING

Box with 10 units. 2270grs.

MATERIALS

Aluminium

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

-

EMPAQUETADO

Caja con 10 unidades. 2270grs.

MATERIALES

Aluminio

FIJACIÓN

Tornillos (incluídos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

-

EMBALLAGE

Boîte avec 10 unités. 2270grs.

MATÉRIELS

Aluminium

FIXATION

Vis (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

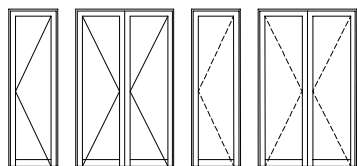
-

Puxador de porta com entrada para cilindro
Pull handle for doors with hole for cylinder
Tiradores para puertas con agujero para cilindro
Poignée pour portes avec trou pour cylindre

PUXADORES



240KD
240KE

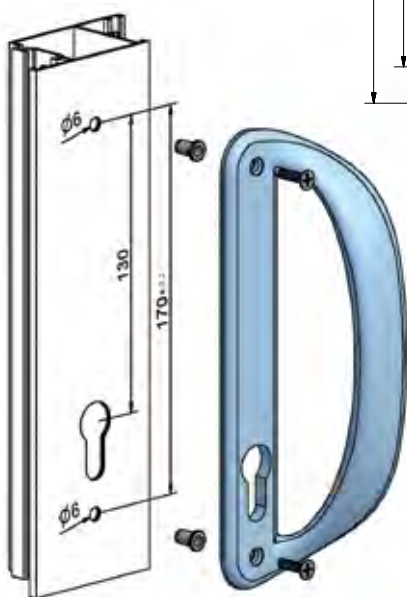
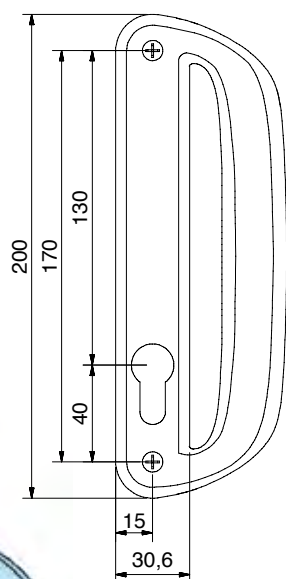
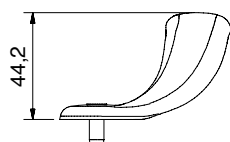
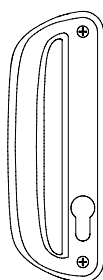
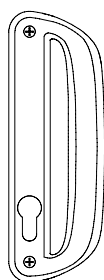
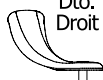
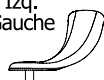


240KE

240KD

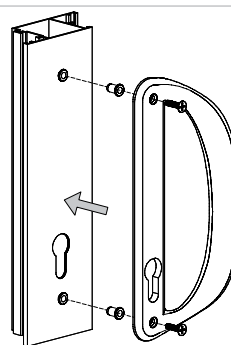
Esq.
Left
Izq.
Gauche

Dir.
Right
Dro.
Droit



Mod. Dep.

ALPHA



EMBALAGEM

Caixa com 10 unidades. 2150 grs.

MATERIAIS

Alumínio

FIXAÇÃO

Parafusos (incluídos)

ACABAMENTO

Lacado

NORMAS

EN 1670

OBSERVAÇÕES

Cilindro não incluído

PACKAGING

Box with 10 units. 2150 grs.

MATERIALS

Aluminium

FIXING

Screws (included)

FINISHING

Powder painting

STANDARD

EN 1670

COMMENTS

Cylinder not included

EMPAQUETADO

Caja con 10 unidades. 2150 grs.

MATERIALES

Aluminio

FIJACIÓN

Tornillos (incluidos)

ACABADOS

Lacado

NORMAS

EN 1670

OBSERVACIONES

Cilindro no incluído

EMBALLAGE

Boîte avec 10 unités. 2150 grs.

MATÉRIELS

Aluminium

FIXATION

Vis (inclus)

FINITIONS

Laqué

NORMATIF

EN 1670

OBSERVATIONS

Cylindre pas inclus

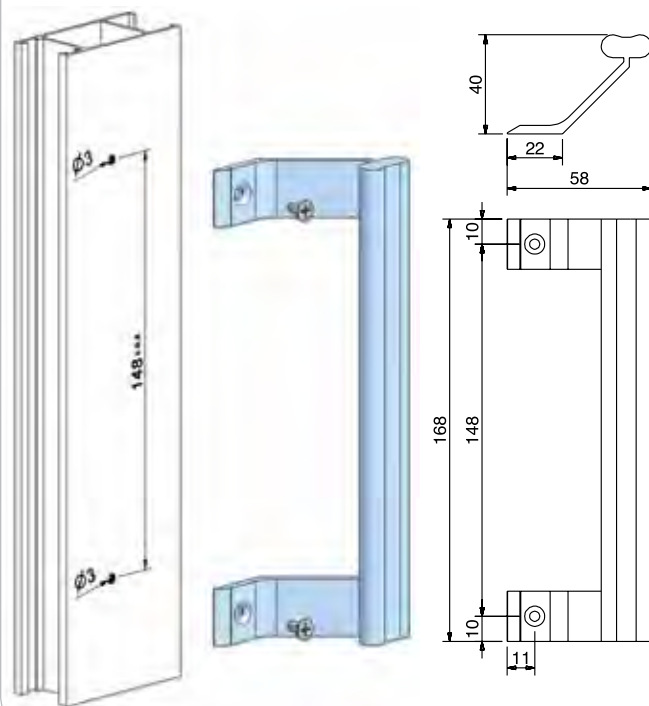
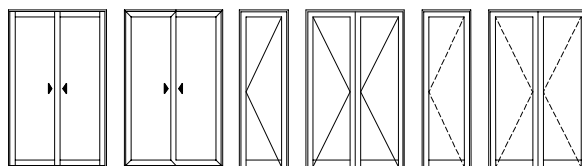


ALPHA

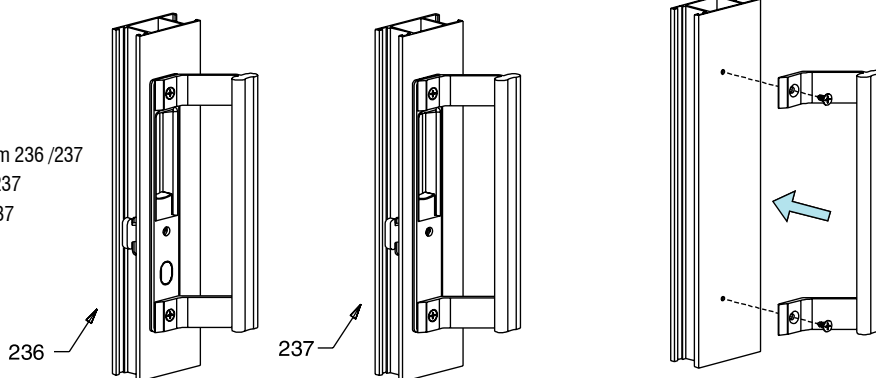
Mod. Dep.



RAL AN



Pode ser aplicado em conjunto com 236 /237
Can be applied together with 236/237
Se puede aplicar junto con 236/237
Peut être appliqué avec 236/237

**EMBALAGEM**

Caixa com 20 unidades. 2055 grs.

MATERIAIS

Alumínio

FIXAÇÃO

Parafusos incluídos

ACABAMENTO

Lacado e anodizado

NORMAS

EN 1670

OBSERVAÇÕES

Fecho de embutir não incluído

PACKAGING

Box with 20 units. 2055 grs.

MATERIALS

Aluminium

FIXING

Screws included

FINISHING

Powder painting and hard anodized

STANDARD

EN 1670

COMMENTS

Sliding lock not included

EMPAQUETADO

Caja con 20 unidades. 2055 grs.

MATERIALES

Aluminio

FIJACIÓN

Tornillos incluidos

ACABADOS

Lacado y anodizado

NORMAS

EN 1670

OBSERVACIONES

Cierres de embutir no incluído

EMBALLAGE

Boîte avec 20 unités. 2055 grs.

MATÉRIELS

Aluminium

FIXATION

Vis inclus

FINITIONS

Laqué et anodisé

NORMATIF

EN 1670

OBSERVATIONS

Fermeture latérale pas inclus



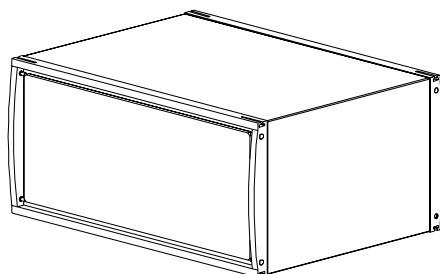
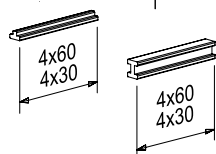
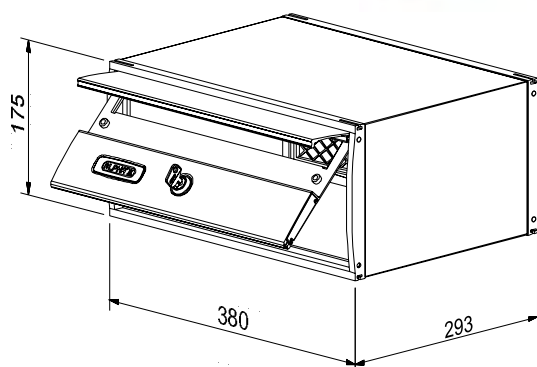
CAIXAS DE CORREIO

MAILBOX
BUZON
BOÎTE AUX LETTRES

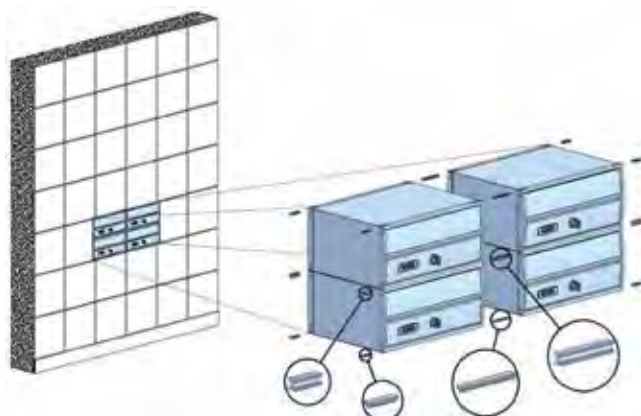


Tipo A

Caixa de correio com entrada e saída frontal
Mail-box with front entry and exit
Caja de correo con entrada y salida frontal
Boîte postale à l'entrée et de sortie frontale



Normas / Standard / Norma / Normatif
Aprovada pelos CTT. Legislação nacional DR 21/98
Portuguese legislation - DR 21/98
Legislación portugués - DR 21/98
Législation portugaise - DR 21/98



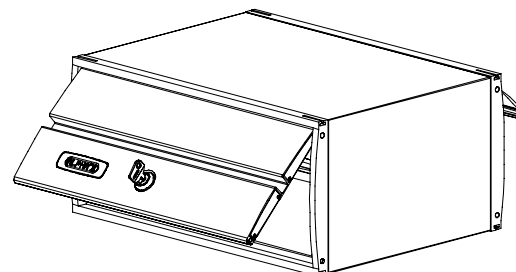
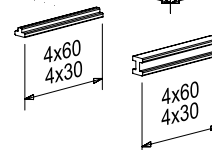
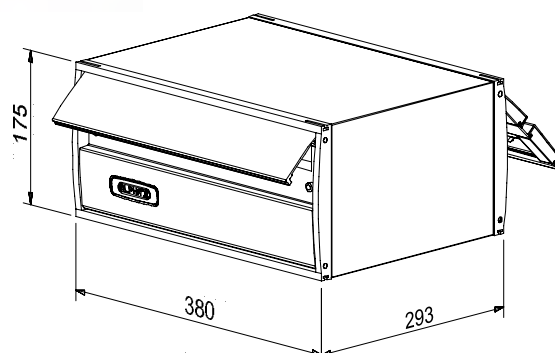
Emb. 1 un. gr/emb. 2170



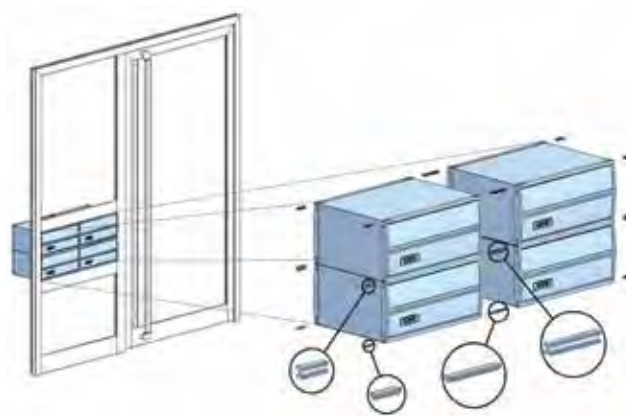
Pode ser montada em módulos
Can be assembled into modules
Puede ser montado en módulos
Peut-être assemblées en modules

Tipo B

Caixa de correio com entrada frontal e saída posterior
Mail-Box with front entry and back exit
Caja de correo de entrada frontal y salida posterior
Boîte postale avec entrée frontale et de sortie arrière

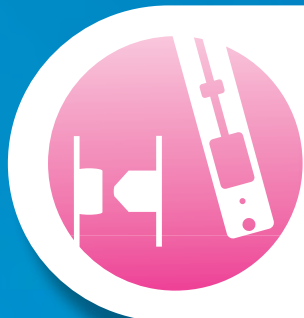


Normas / Standard / Norma / Normatif
Aprovada pelos CTT. Legislação nacional DR 21/98
Portuguese legislation - DR 21/98
Legislación portugués - DR 21/98
Législation portugaise - DR 21/98



Emb. 1 un. gr/emb. 2450





DIVERSOS

DIVERSE
DIVERSOS
DIVERS

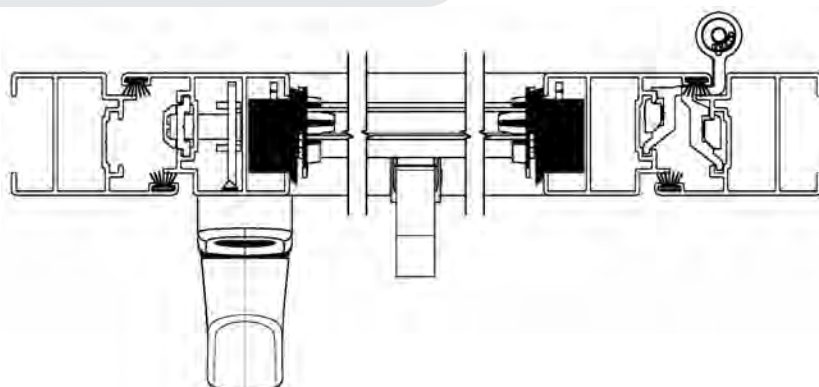
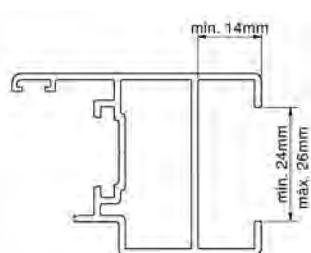
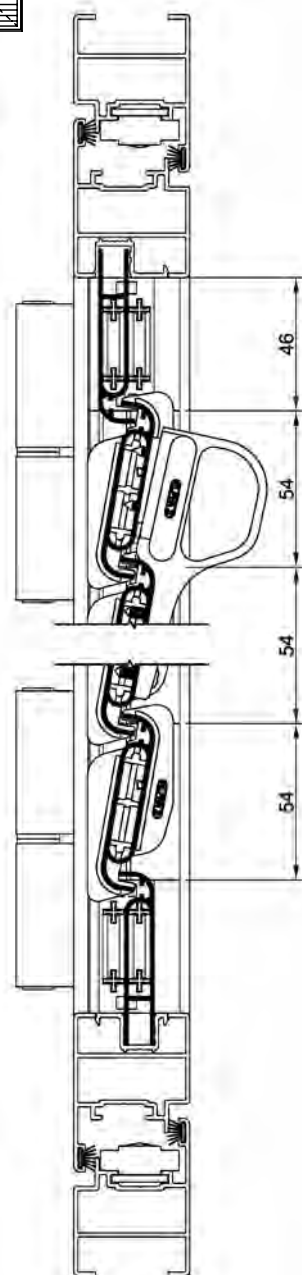


DIVERSOS

Sistema de lamelas orientáveis PRATIKA / PRATIKA adjustable blades system
Sistema de lamas orientables PRATIKA / Système de lames orientables PRATIKA



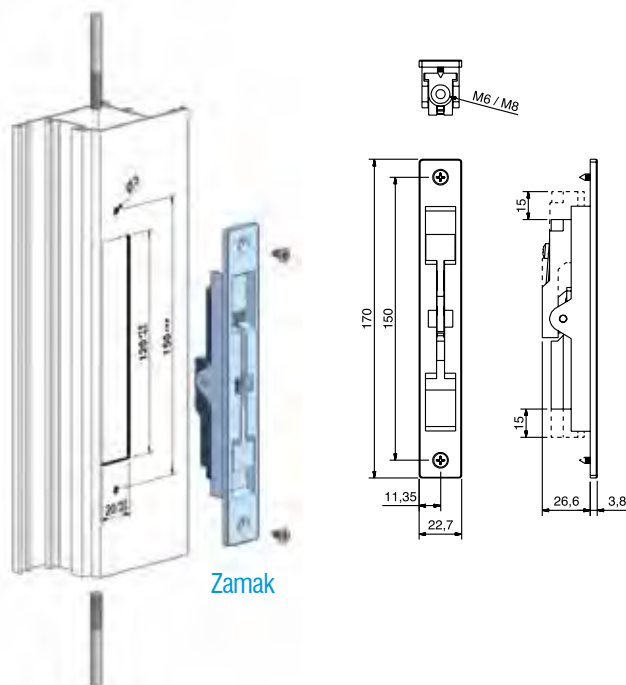
	PRTK (MEC)	Porta lamelas Blades holder Suporte de lama Support de lames	Par Pair Juego Paire	150	5700gr	Preto e branco Black and white Negro y blanco Noir et blanc
	PRTK (COM)	Comando Command Comando Commande	un.	50	2195gr	
	PRTK (TRM)	Peça terminal Terminal part Pieza terminal Pièce terminale	un.	150	1000gr	





608 D

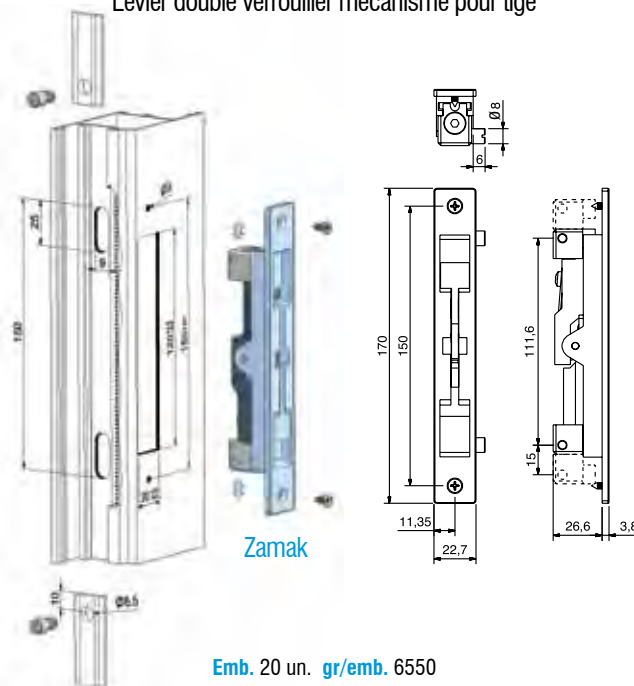
Fecho de unha duplo p/ varetas / Lever double lock mechanism
Cierre doble de uña para varillas / Levier double verrouiller mécanisme



Emb. 20 un. gr/emb. 6000

608 M

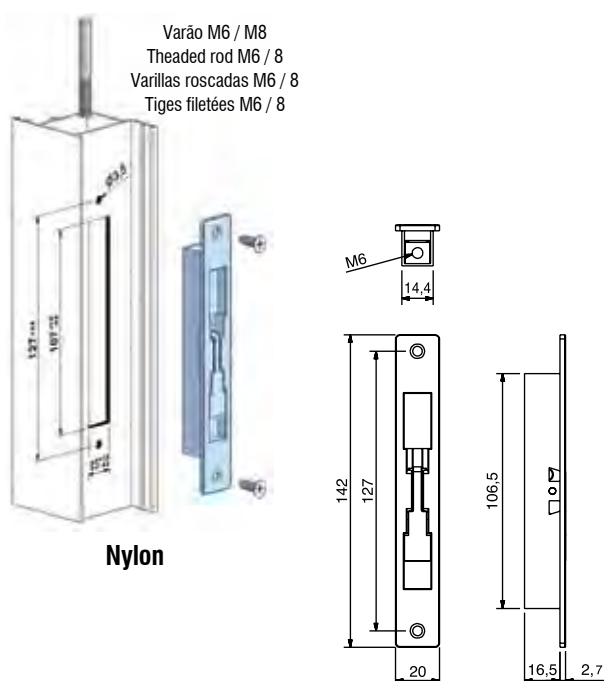
Fecho de unha duplo p/ barra de cremone
Lever double lock mechanism for connection rod
Cierre doble de uña para falleba
Levier double verrouiller mécanisme pour tige



Emb. 20 un. gr/emb. 6550

608 P

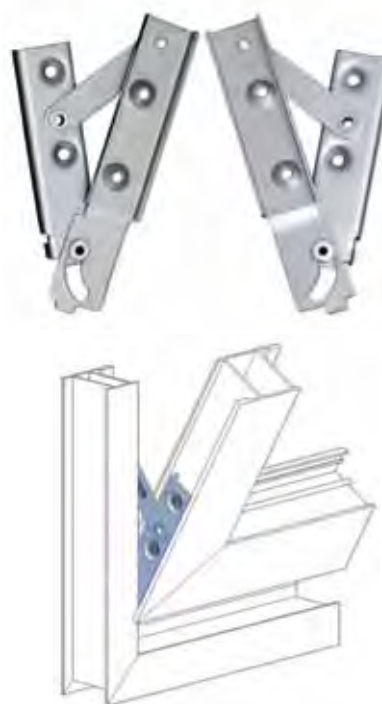
Fecho de unha simples / Lever lock mechanism
Cierre simples de uña / Levier verrouiller mécanisme



Emb. 80 un. gr/emb. 2210

612 / 612 i (inox)

Compassos para basculantes / Arms for bottom-hung windows
Compás para ventanas abatibles / Compas pour fenêtre à soufflet

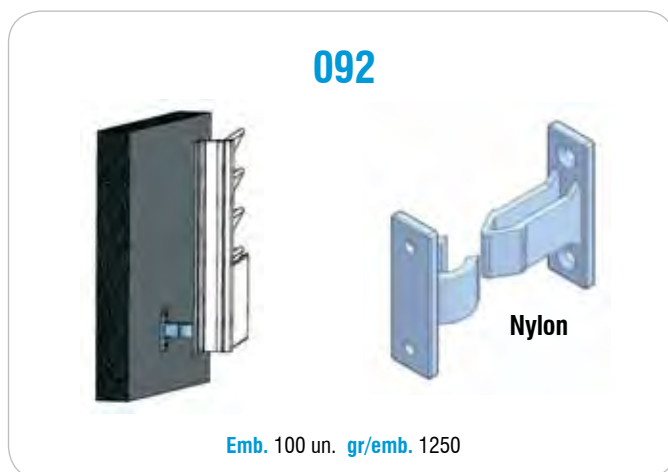
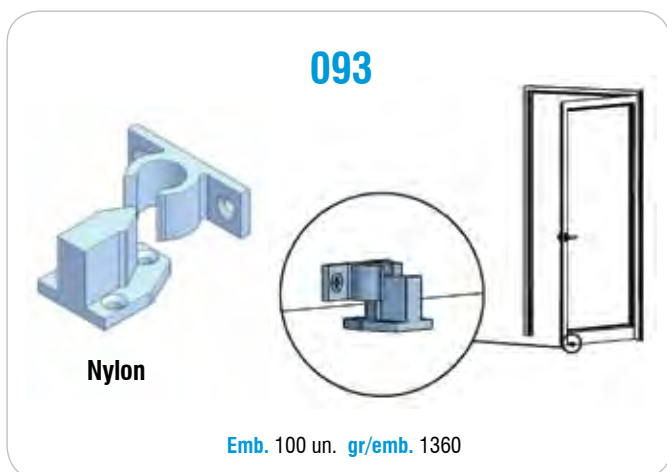
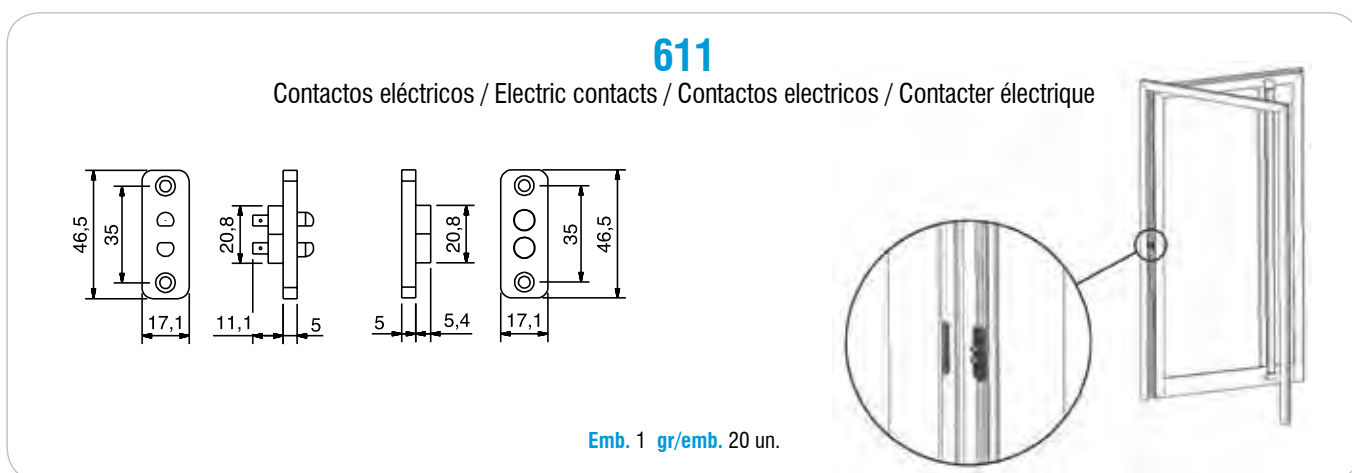
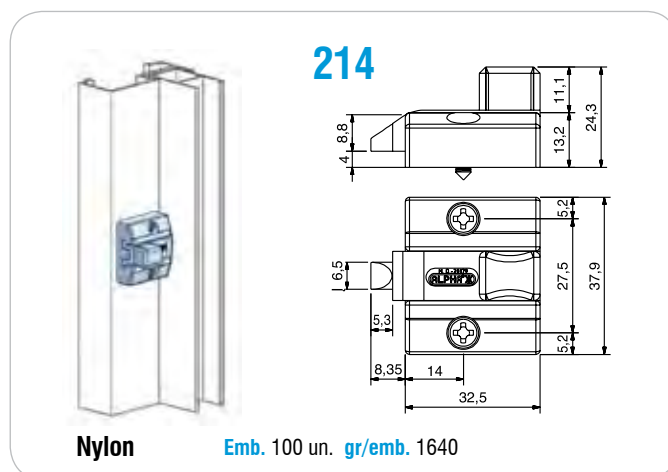
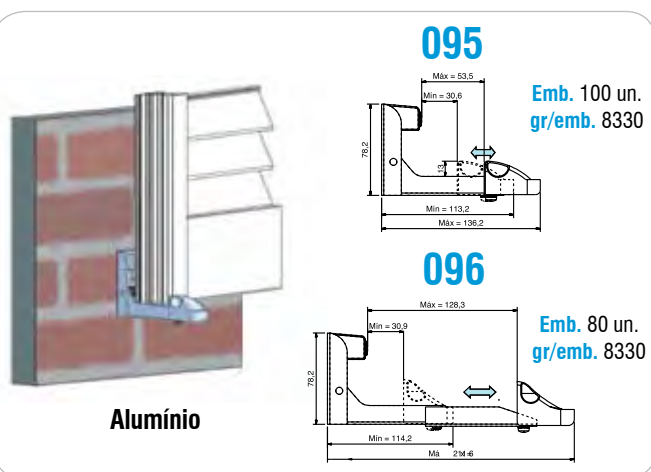


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