



Catálogo geral • General catalogue
Catálogo general • Catalogue general

ALPHA[®] OI

Desde 1985

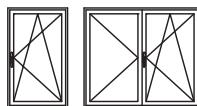
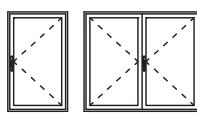
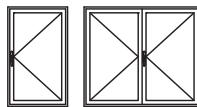


Cores standard / RAL standard standard RAL / RAL standard



Branco RAL-9110 Branco RAL-9010
Preto RAL-9005 M
Verde RAL-6192
Verde RAL-6200
Verde RAL-6005 Cinzento RAL-9006-MTZ
Creme RAL-1015

Aberturas / Aperturas Openings / Ouvertures

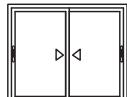
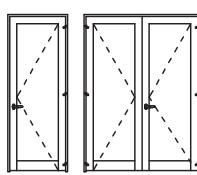
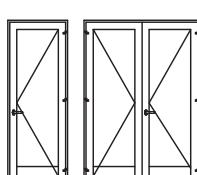
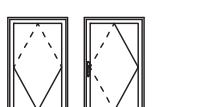
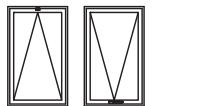


Outras cores

Condições sob consulta
Conditions under consultation
Condiciones en la consulta
Conditions de consultation



Anodizado
Hard anodized
Anodizado
Anodisé



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ALPHAOK®

ALUALPHA

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 equipa com vastos conhecimentos nesta área, autonómou-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, conduziram à implementação de um **SISTEMA DA QUALIDADE**, possuindo assim um certificado **NP EN ISO 9001:2000**.

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 pessoas 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.

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 desarrollo 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.

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 9001:2000**.

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 prevé cada vez más ampliada.

Productos

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

Design

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

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 9001:2000 Certificate**.

Enviroment

The environment is of course a pressing concern world-wide. **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.



ALUALPA 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 ironwork 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.

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 divulgué ces produits à travers de la marque **ALPHA**, bien connue dans le marché dû à sa longévité, qualité et inovation quelle représente.

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 9001:2000**.

Ambiente

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 ambience plus propre.

ALUALPA 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 laquelle 7000 m² sont couverts (Bientôt 12.000).



Marchés

Depuis son origine **ALUALPHA** vient a se développer continument, 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'huisseries 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.

	Oscilobatente, tilt-turn, oscilobatientе, oscillobattant Globalpág. 6
	Linha, line, linea, ligne Globalpág. 17
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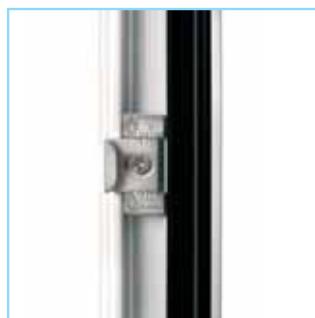
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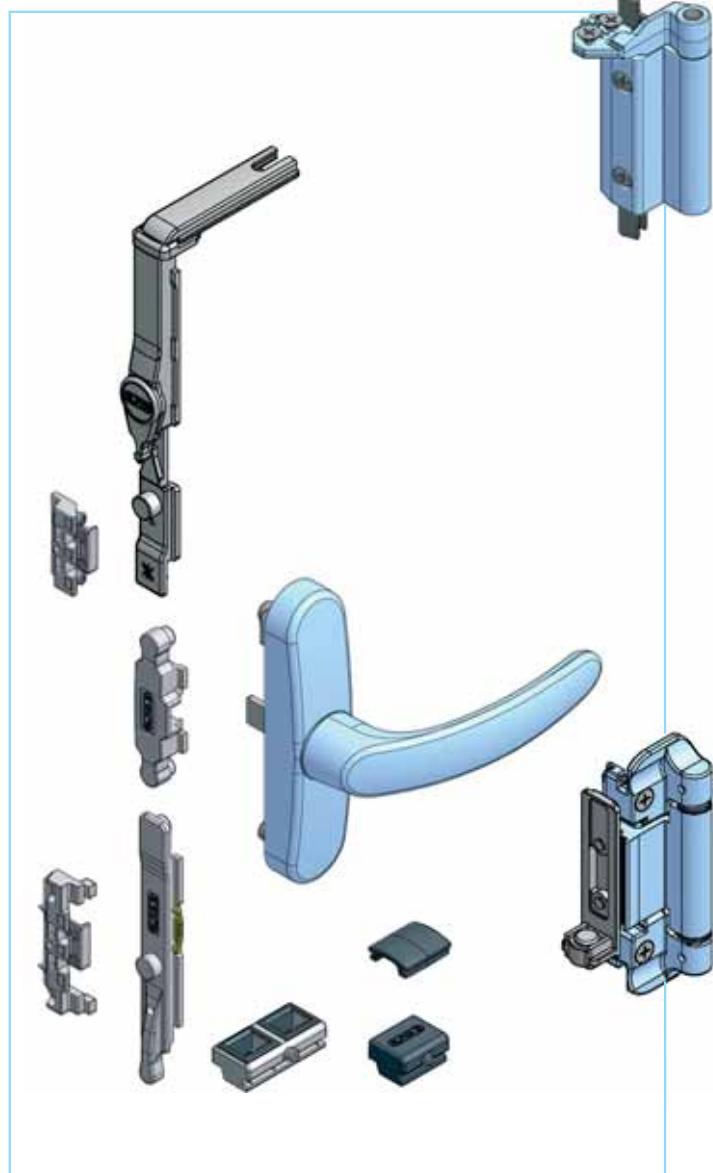
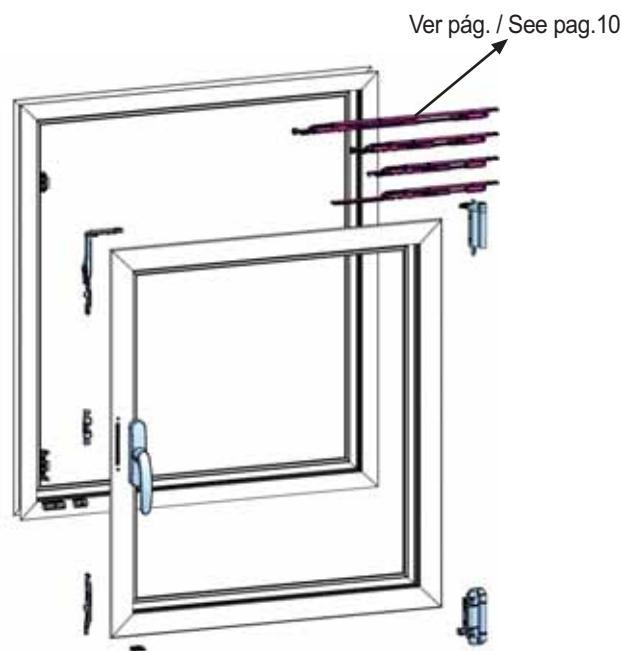
ALPHA



**OSCILOBATENTE
GLOBAL**

OBG6



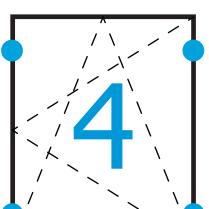
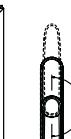
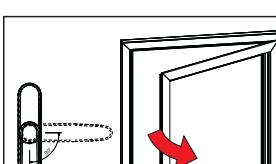


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Largura # With # Ancho # Largeur

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



Embalagem # Packaging # Empaquetado # Emballage

Caixa com 1 unidade. 1095 grs.

Box with 1 unit 1095 grs.

Caja con 1 unidad. 1095 grs.

Boîte avec 1 unité. 1095 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio, zamak, níquel e inox

Aluminium, zamak, nylon and stainless steel

Aluminio, zamak, níquel y acero inox

Aluminium, zamak, níquel et acier inox

Fixação # Fixing # Fijacion # Fixation

Fixação rápida em inox

Fast fixation in stainless steel

Fijación rápida en acero inox

Fixation rapide en acier inox

Acabamento # Finishing # Acabados # Finitions

Lacado

Powder painting

Lacado

Laqué

Normas # Standard # Norma # Normatif

Norma EN 1670, 13126-8

Standard EN 1670, 13126-8

Norma EN 1670, 13126-8

Normatif EN 1670, 13126-8

Observações # Comments # Observaciones # Observations

Kit oscilobatente C.E.

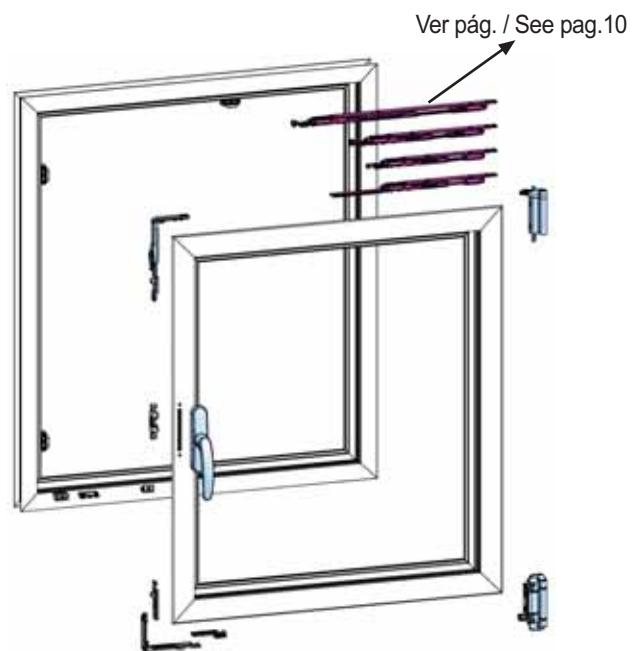
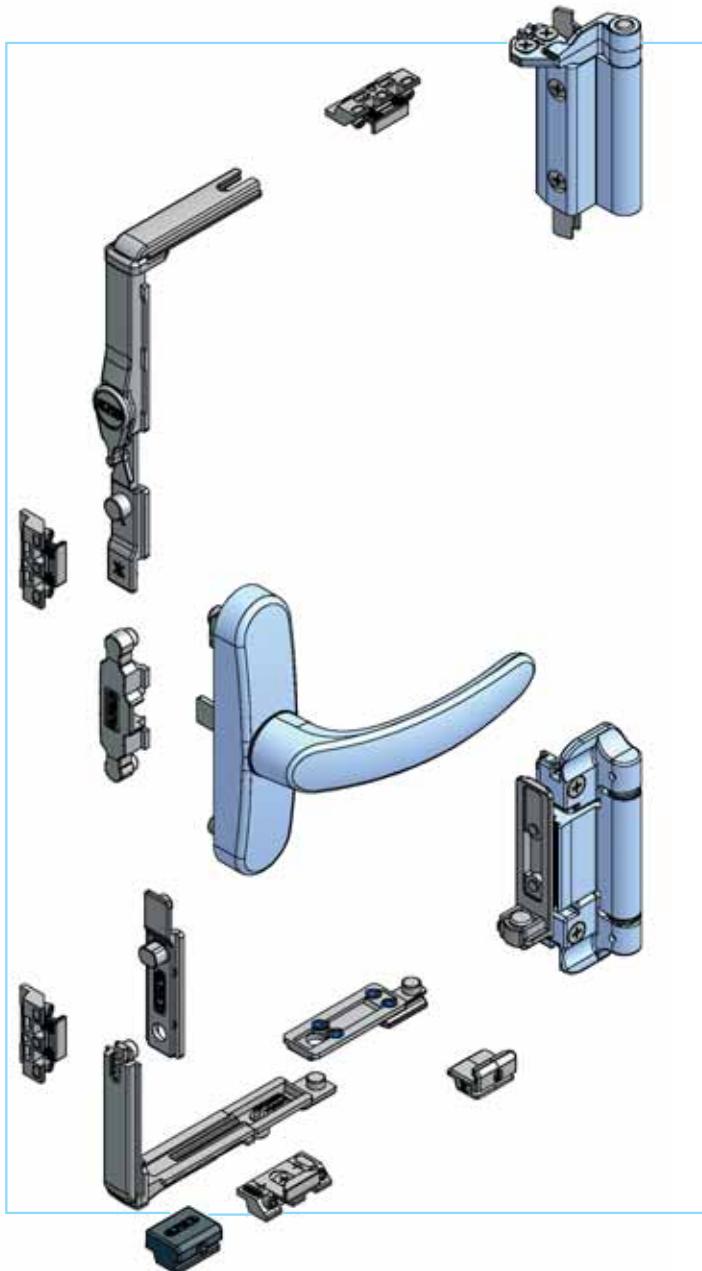
Kit tilt-turn C.E.

Kit oscilobatente C.E.

Kit oscillobattant C.E.



OBG6+



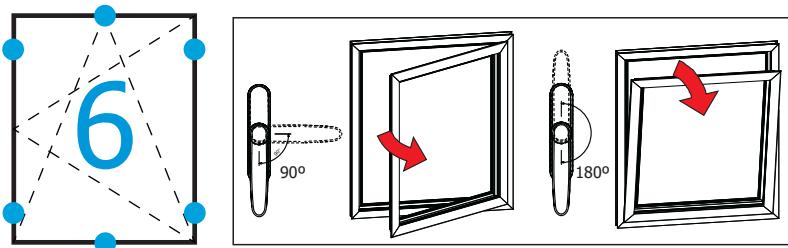
Peso Máx da folha móvel: # Leaf Max weight:
Peso Max de la hoja: # Poids Max du vantail:

130 Kgs

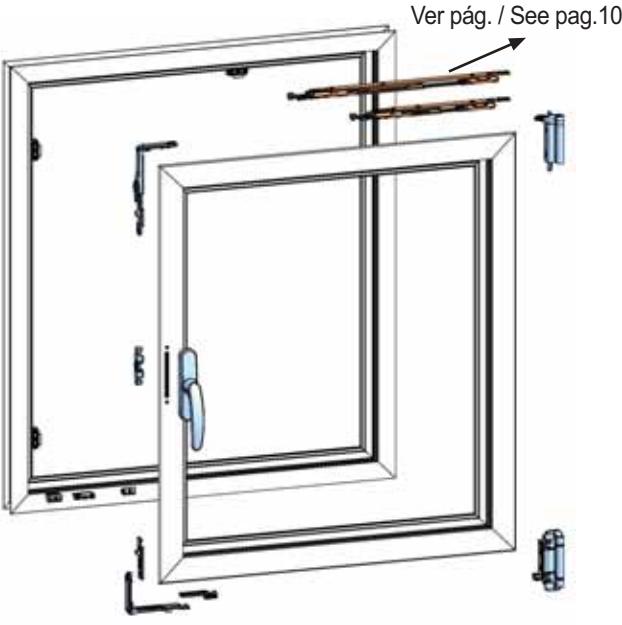
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Largura # With # Ancho # Largeur

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



Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixa com 1 unidade. 1230 grs. Box with 1 unit 1230 grs. Caja con 1 unidad. 1230 grs. Boîte avec 1 unité. 1230 grs.	Alumínio, zamak, nylon e inox Aluminium, zamak, nylon and stainless steel Aluminio, zamak, nylon y acero inox Aluminium, zamak, nylon et acier inox	Fixação rápida em inox Fast fixation in stainless steel Fijación rápida en acero inox Fixation rapide en acier inox	Lacado Powder painting Lacado Laqué
Norma EN 1670, 13126-8 Standard EN 1670, 13126-8 Norma EN 1670, 13126-8 Normatif EN 1670, 13126-8	Kit oscilobatente C.E. Kit tilt-turn C.E. Kit oscilobatente C.E. Kit oscillobattant C.E.		
			RAL

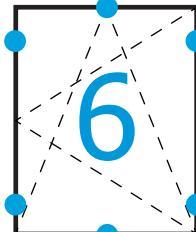
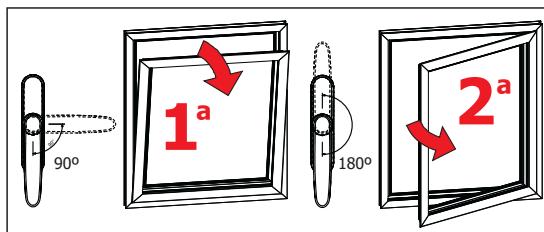
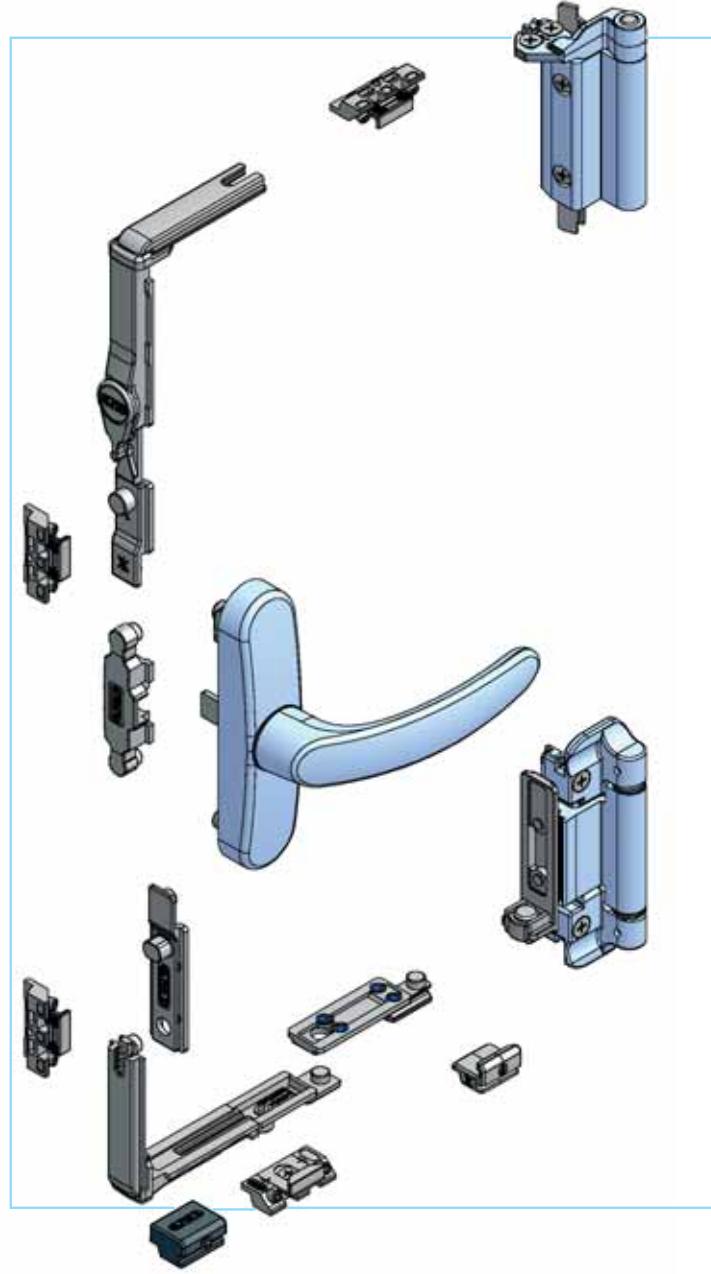


Altura # Height # Altura # Taille	48	48	48	44	38	34	32	27	24	21	19	17	16	14	13	12	11	
2700	48	48	48	44	38	34	32	27	24	21	19	17	16	14	13	12	11	
2600	48	48	48	45	40	35	33	28	25	22	20	18	16	15	14	13	12	
2500	48	48	48	47	41	36	34	29	26	23	20	18	17	16	14	13	12	
2400	48	48	48	48	43	38	36	30	27	24	21	19	18	16	15	14	13	
2300	48	48	48	45	40	37	32	28	25	22	20	18	17	16	15	14	13	
2200	48	48	48	47	41	39	33	29	26	23	21	19	18	17	16	15	14	
2100	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	
1900	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	
1700	48	48	48	48	48	48	48	43	38	33	30	27	25	22	21	20	18	
1600	48	48	48	48	48	48	48	46	40	36	32	29	27	24	22	20	18	
1500	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	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	
1200	48	48	48	48	48	48	48	48	48	48	43	38	34	28	24	21	18	
1100	48	48	48	48	48	48	48	48	48	48	48	38	34	28	24	21	16	
1000	48	48	48	48	48	48	48	48	48	48	48	44	38	34	28	24	18	
900	48	48	48	48	48	48	48	48	48	48	48	44	38	28	25	21	15	
800	48	48	48	48	48	48	48	48	48	48	48	41	34	26	20	15	5	
700	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	
500	48	48	48	48	48	48	48	48	48	48	48	38	34	28	X	X	X	
400	48	48	48	48	48	48	48	48	48	48	48	X	X	X	X	X	X	
	340	370	400	435	500	563	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700

Largura # With # Ancho # Largeur

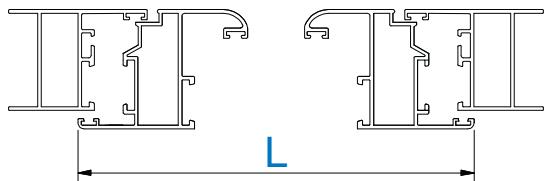
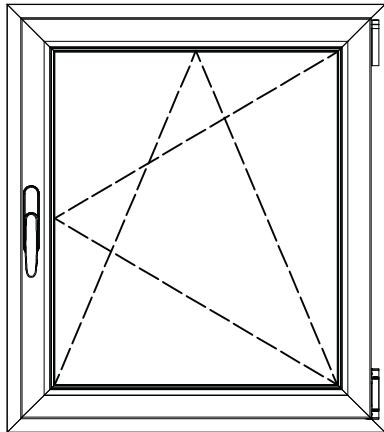


Disponível também com chave
Available also with key
Disponible con llave
Disponible avec clef



Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixa com 1 unidade. 1230 grs. Box with 1 unit 1230 grs. Caja con 1 unidad. 1230 grs. Boîte avec 1 unité. 1230 grs.	Alumínio, zamak, níquel e inox Aluminium, zamak, nylon and stainless steel Aluminio, zamak, níquel y acero inox Aluminium, zamak, nylon et acier inox	Fixação rápida em inox Fast fixation in stainless steel Fijación rápida en acero inox Fixation rapide en acier inox	Lacado Powder painting Lacado Laqué
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670, 13126-8 Standard EN 1670, 13126-8 Norma EN 1670, 13126-8 Normatif EN 1670, 13126-8	Kit oscilobatente C.E. Kit tilt then turn C.E. Kit oscilobatente C.E. Kit oscillobattant C.E.		



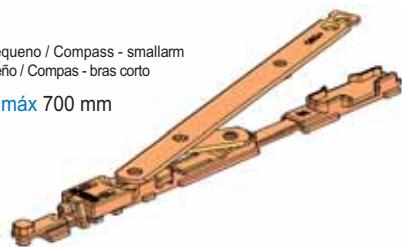


Manobra lógica Logic Manouver Maniobra lógica Manoeuvre logique



Cód. 18243
Compasso - braço grande / Compass - big arm
Compás - brazo grande / Compas - bras long
L mín 563mm L máx 1700mm*

Cód. 18244
Compasso - braço pequeno / Compass - smallarm
Compás - brazo pequeño / Compas - bras coto
L mín 435mm L máx 700 mm



OBG6 / OBG6+

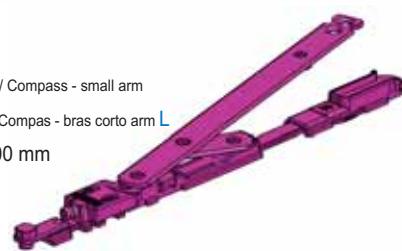
COMPASSOS / COMPASS / COMPÁS / COMPAS



Cód. 18218
Compasso - braço grande / Compass - big arm
/ Compás - brazo grande / Compas - bras long
L mín 563mm L máx 1700mm*

Cód. 18217

Compasso - braço pequeno / Compass - small arm
/ Compás - brazo pequeño / Compas - bras corto arm
mín 435mm L máx 700 mm



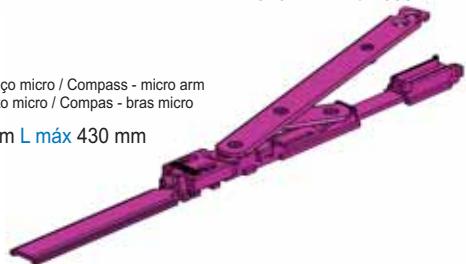
Cód. 18224

Compasso - braço mini / Compass - mini arm
/ Compás - brazo mini / Compas - bras mini
mín 370mm L máx 550 mm



Cód. 18228

Compasso - braço micro / Compass - micro arm
/ Compás - brazo micro / Compas - bras micro
L mín 340mm L máx 430 mm



*Cód. 8229
Compasso suplementar / Additional compas
/ Compas suplementario / Bras supplémentaire
L >1000mm L máx1700mm



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 10 unidades.
Box with 10 units per box.
Caja con 10 unidad.
Boite avec 10 unités.

Materiais # Materials # Materiales # Matériaux

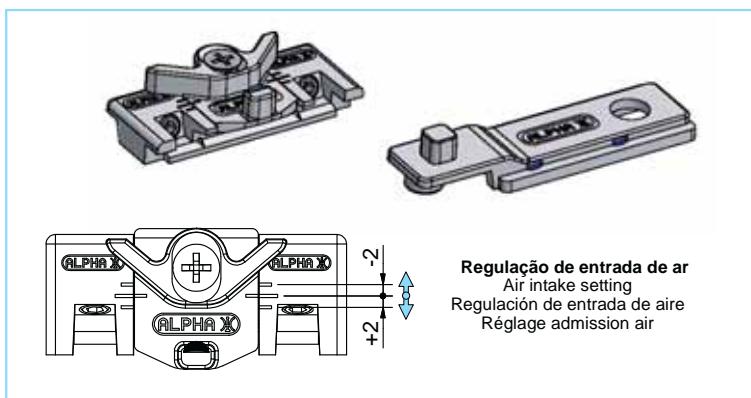
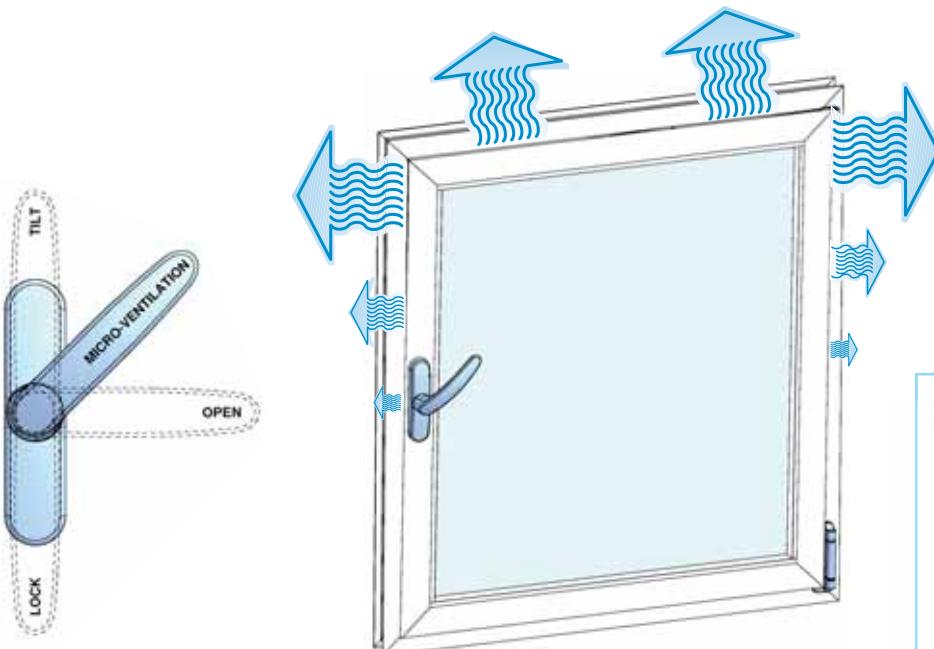
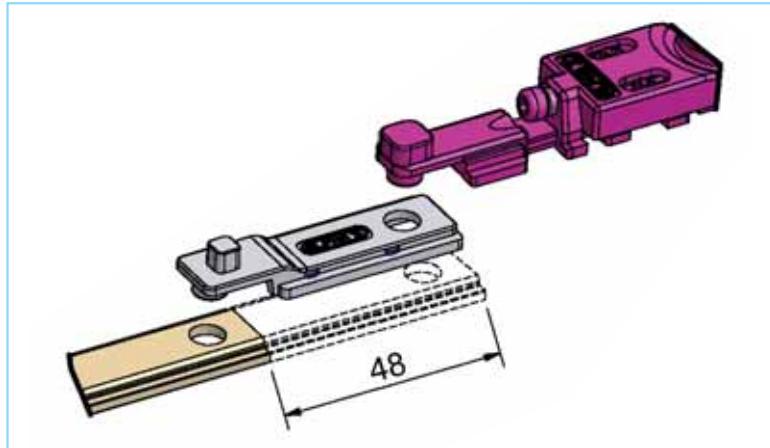
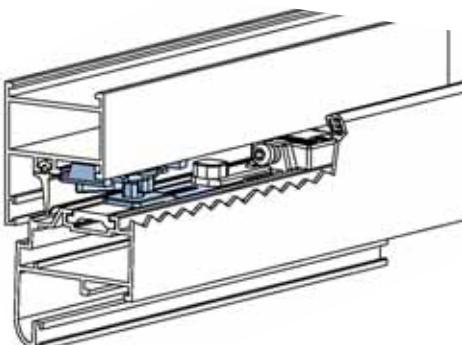
Alumínio, zamak e inox
Aluminium, zamak and stainless steel
Aluminio, zamak y acero inox
Aluminium, zamak et acier inox

Fixação # Fixing # Fijacion # Fixation

Fixação rápida em inox
Fast fixation in stainless steel
Fijación rápida en acero inox
Fixation rapide en acier inox

Normas # Standard # Norma # Normatif

Norma EN 1670, 13126-8
Standard EN 1670, 13126-8
Norma EN 1670, 13126-8
Normatif EN 1670, 13126-8



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 20 unidades. 1090 grs.
Box with 20 units per box. 1090 grs.
Caja con 20 unidad. 1090 grs.
Boîte avec 20 unités. 1090 grs.

Materiais # Materials # Materiales # Matériaux

Zamak, nylon e inox
Zamak, nylon and stainless steel
Zamak, nylon y acero inox
Zamak, nylon et acier inox

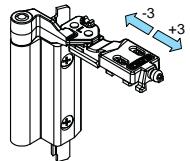
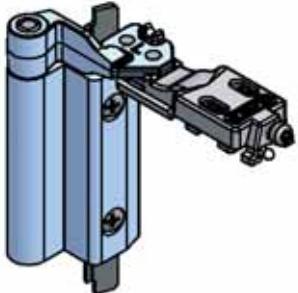
Fixação # Fixing # Fijacion # Fixation

Fixação rápida em inox
Fast fixation in stainless steel
Fijación rápida en acero inox
Fixation rapide en acier inox

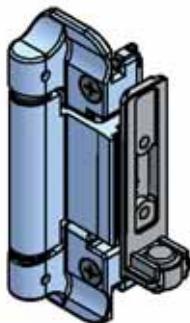
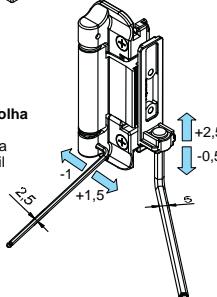
Normas # Standard # Norma # Normatif

Norma EN 1670, EN 1026:2000
Standard EN 1670, EN 1026:2000
Norma EN 1670, EN 1026:2000
Normatif EN 1670, EN 1026:2000

Cód. OBG2



Regulação da folha
Leaf setting
Regulación hoja
Réglage vantail

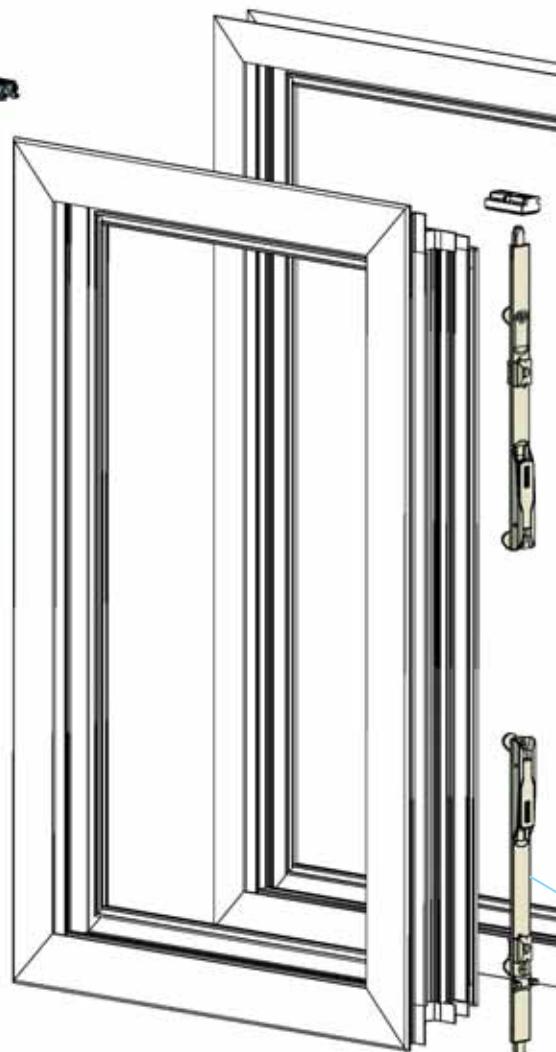


Embalagem # Packaging # Empaquetado # Emballage

Caixas com 5 unidades. 2300 grs.
Box with 5 units per box. 2300 grs.
Caja con 5 unidad. 2300 grs.
Boîte avec 5 unités. 2300 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio, zamak e inox
Aluminium, zamak and stainless steel
Aluminio, zamak y acero inox
Aluminium, zamak et acier inox



Cód. 18230



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 50 unidades. 1300 grs.
Box with 50 units per box. 1300 grs.
Caja con 50 unidad. 1300 grs.
Boîte avec 50 unités. 1300 grs.

Materiais # Materials # Materiales # Matériaux

Zamak e inox
Zamak and stainless steel
Zamak y acero inox
Zamak et acier inox

Cód. 18221

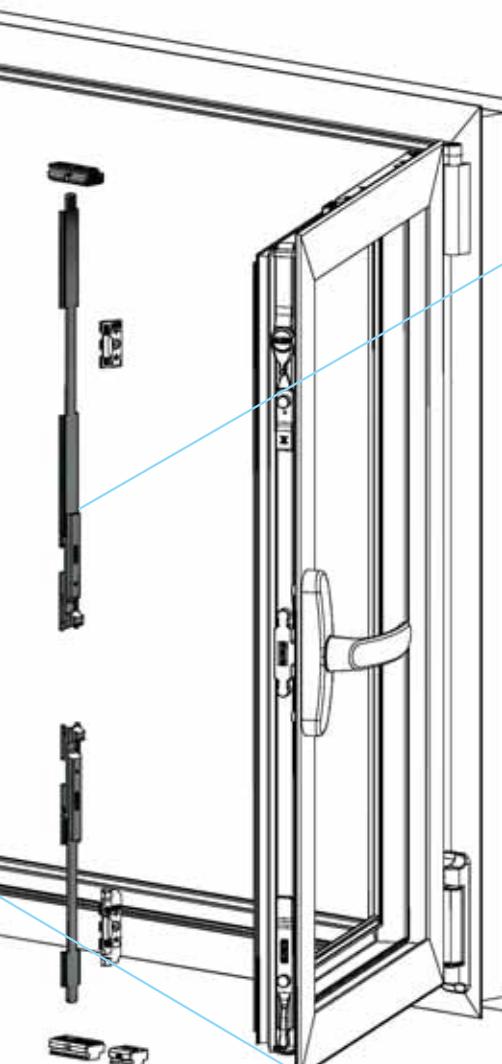


Embalagem # Packaging # Empaquetado # Emballage

Caixas com 50 unidades. 550 grs.
Box with 50 units per box. 550 grs.
Caja con 50 unidad. 550 grs.
Boîte avec 50 unités. 550 grs.

Materiais # Materials # Materiales # Matériaux

Nylon e inox
Nylon and stainless steel
Nylon y acero inox
Nylon et acier inox



Cód. 09310 (OBG6)

Embalagem # Packaging # Empaquetado # Emballage

Caixas com 1 unidade. 100 grs.

Box with 1 unit per box. 100 grs.

Caja con 1 unidad. 100 grs.

Boîte avec 1 unité. 100 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio, zamak e inox

Alluminium, zamak and stainless steel

Aluminio, zamak y acero inox

Aluminium, zamak et acier inox



Cód. 18245 (OBG6+)

Embalagem # Packaging # Empaquetado # Emballage

Caixas com 1 unidade. 100 grs.

Box with 1 unit per box. 100 grs.

Caja con 1 unidad. 100 grs.

Boîte avec 1 unité. 100 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio, zamak e inox

Alluminium, zamak and stainless steel

Aluminio, zamak y acero inox

Aluminium, zamak et acier inox



Cód. 18219 (OBG6)

Embalagem # Packaging # Empaquetado # Emballage

Caixas com 5 unidades. 2100 grs.

Box with 5 units per box. 2100 grs.

Caja con 5 unidad. 2100 grs.

Boîte avec 5 unités. 2100 grs.

Materiais # Materials # Materiales # Matériaux

Zamak e inox

Zamak and stainless steel

Zamak y acero inox

Zamak et acier inox



Cód. 18246 (OBG6+)

Embalagem # Packaging # Empaquetado # Emballage

Caixas com 5 unidades. 2100 grs.

Box with 5 units per box. 2100 grs.

Caja con 5 unidad. 2100 grs.

Boîte avec 5 unités. 2100 grs.

Materiais # Materials # Materiales # Matériaux

Zamak e inox

Zamak and stainless steel

Zamak y acero inox

Zamak et acier inox

Cód. 18222



Embalagem # Packaging # Empaqueado # Emballage Materiais # Materials # Materias # Matériaux

Caixas com 50 unidades. 2500 grs.

Zamak e inox

Box with 50 units per box. 2500 grs.

Zamak and stainless steel

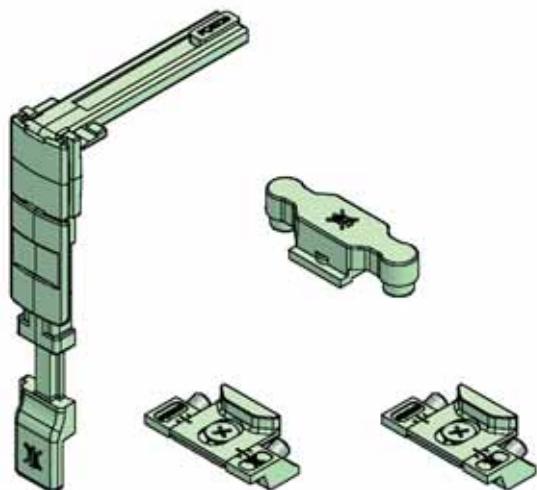
Caja con 50 unidad. 2500 grs.

Zamak y acero inox

Boîte avec 50 unités. 2500 grs.

Zamak et acier inox

Kit suplementar H/V
Cód. 18220



Embalagem # Packaging # Empaqueado # Emballage Materiais # Materials # Materias # Matériaux

Caixas com 20 unidades. 2700 grs.

Zamak e inox

Box with 20 units per box. 2700 grs.

Zamak and stainless steel

Caja con 20 unidad. 2700 grs.

Zamak y acero inox

Boîte avec 20 unités. 2700 grs.

Zamak et acier inox

Máquina / Machine
Máquina / Machine



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

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

Máquina intuitiva y totalmente automática de medición, mecanizado y corte de barras de cremona 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.

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 Oscillobattant Global

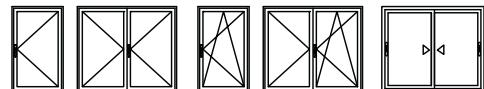
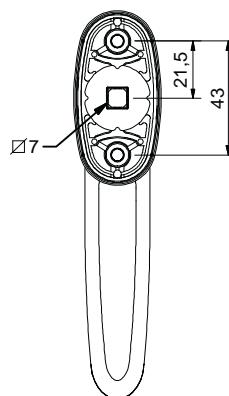
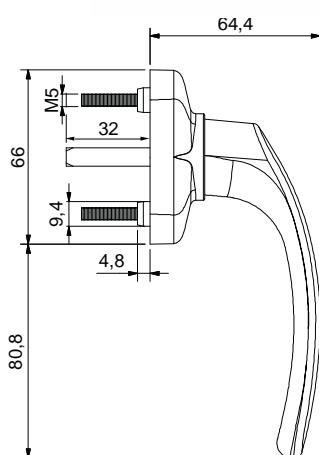
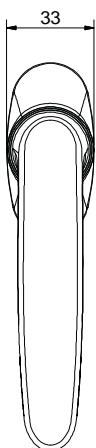
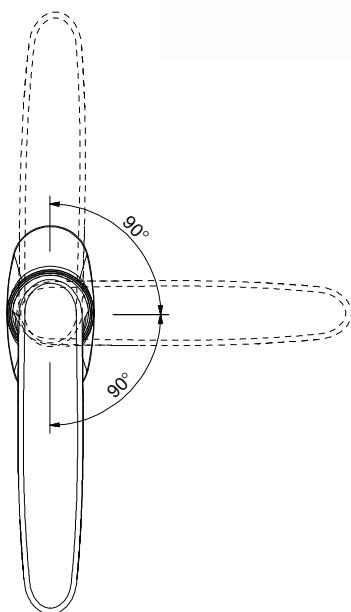
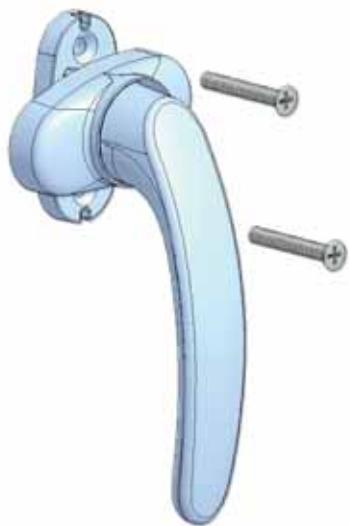
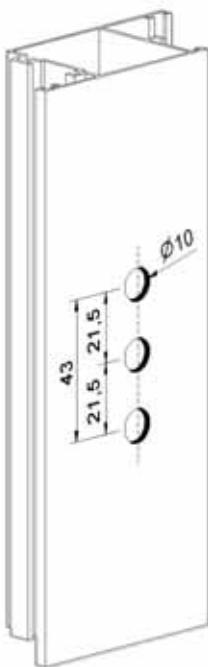
ALPHA Ⓜ



ALPHA G GLOBAL



ALPHA



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 10 unidades. 2130 grs.
Box with 10 units per box. 2130 grs.
Caja con 10 unidad. 2130 grs.
Boîte avec 10 unités. 2130 grs.

Materiais # Materials # Materiales # Matériaux

Poliacetal, alumínio e zamac
Poliacetal, alluminium and zamak
Poliacetal, aluminio y zamak
Poliacetal aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos em aço inox (incluídos)
Stainless steel screws (included)
Tornillos de acero inox (incluidos)
Vis acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.
Powder painting.
Lacado.
Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670
Standard EN 1670
Norma EN 1670
Normatif EN 1670

Observações # Comments # Observaciones # Observations

Adapta-se a todo o tipo de portas e janelas
It is compatible with all kind of doors and windows, standard and exterior opening
Se adapta a todo tipo de puertas y ventanas prácticas normales y apertura exterior
Adaptable à toutes les variétés de fenêtres d'ouverture standard et extérieure.

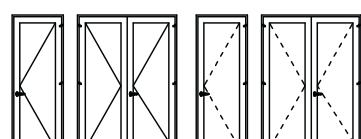
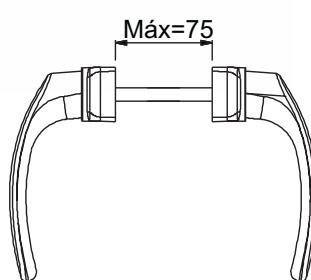
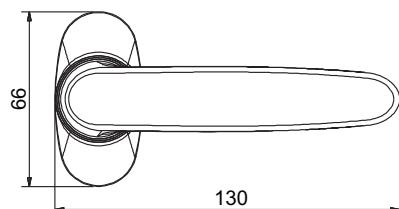
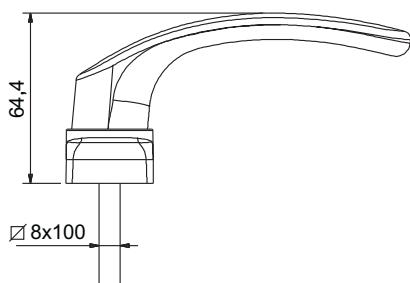
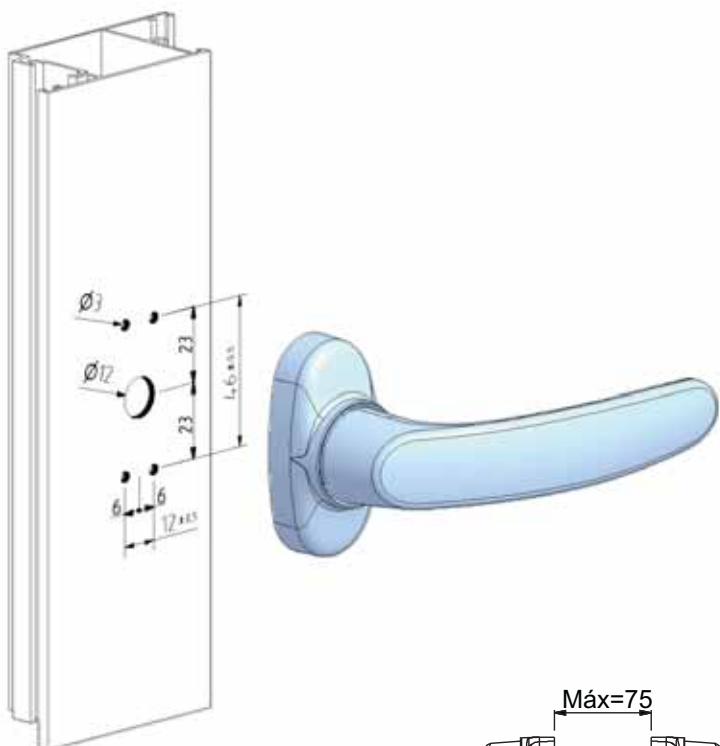
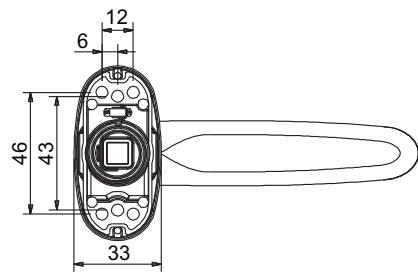


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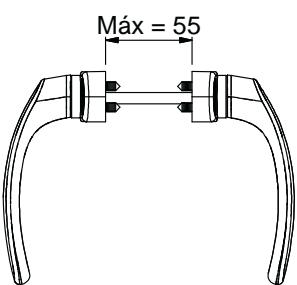
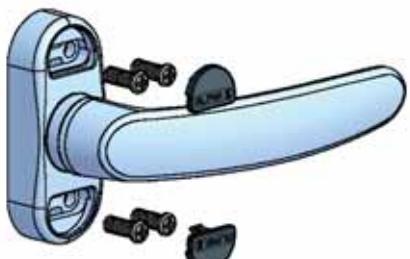
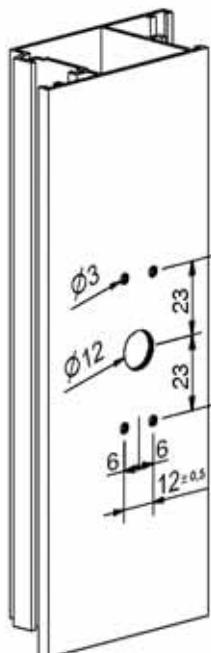
Muleta com mola de recuperação / Spring-loaded handle for doors
 Manilla con muelle de recuperacion / Bequille avec ressort de recuperation pour portes



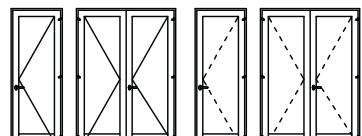
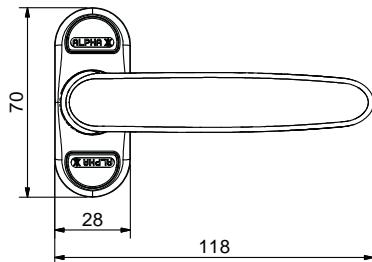
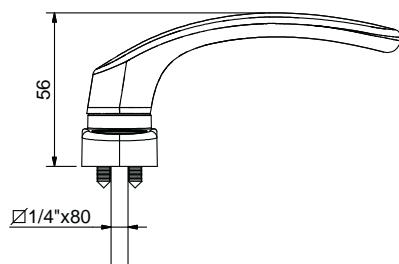
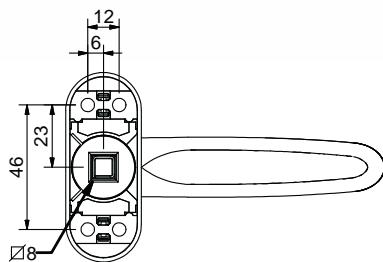
Mod. Dep.



Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 12 pares. 5000 grs. Box of 12 pairs. 5000 grs. Caja de 12 pares. 5000 grs. Boîte au 12 pairs. 5000 grs.	Alumínio, zamak e inox Alluminium, zamak and Stainless steel Aluminio, zamak y acero inox Aluminium, zamak et acier inox	Parafusos (incluídos) Fixing: Screws (included) Tornillos (incluidos) Vis (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670, 1906 Standard EN 1670, 1906 Norma EN 1670, 1906 Normatif EN 1670, 1906	Par de muletas com mola de recuperação para portas. Vergalhão quadrado de 8mm (incluído) Double spring-loaded handle for doors. 8mm square (included) Manilla doble con muelle de recuperacion para puertas. Cuadrilado de 8mm. Béquille aux pairs. Barreau de 8mm (compris).		
RAI			



Mod. Dep.



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 6 pares. 2490 grs.

Box of 6 pairs. 2490 grs.

Caja de 6 pares. 2490 grs.

Boîte au 6 pairs. 2490 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included)

Tornillos (incluidos)

Vis unbrako acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Par de muletas com mola de recuperação para portas.

Double spring-loaded handle for doors.

Manilla con muelle de recuperacion para puertas.

Béquille aux pairs.

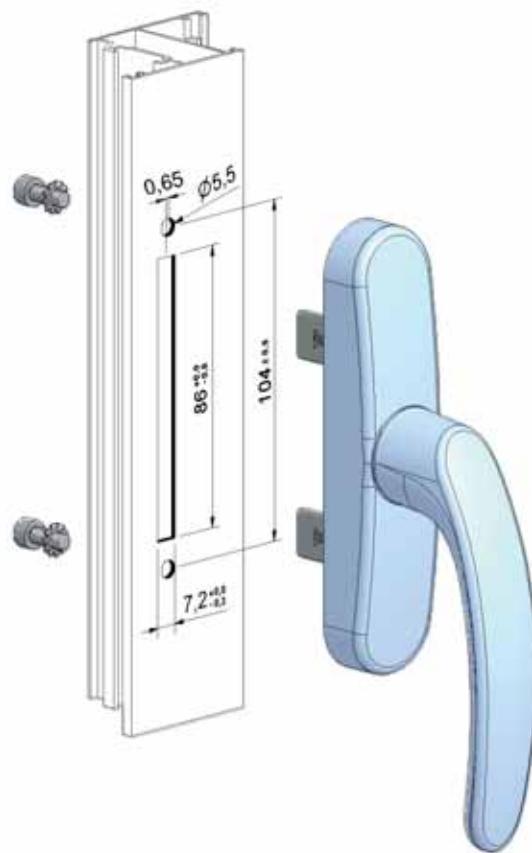


620

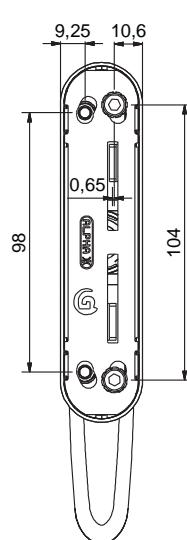
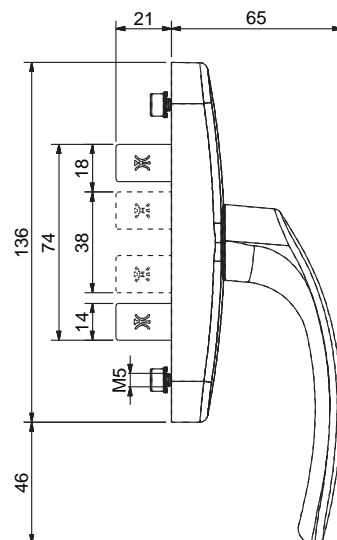
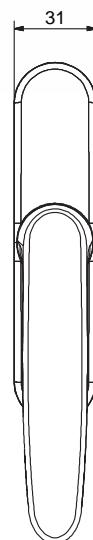
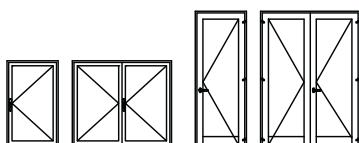
Cremone rotativa para câmara europeia / Rotative cremona for E. G. series
 Cremona rotativa para camara europea / Cremone d'ouverture française pour C.E.



Mod. Dep.



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



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 12 unidades. 4020 grs.

Box with 12 units per box. 4020 grs.

Caja con 12 unidad. 4020 grs.

Boîte avec 12 unités. 4020 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio, zamak e inox

Alluminium, zamak and Stainless steel

Aluminio, zamak y acero inox

Aluminium, zamak et acier inox

Fixação # Fixing # Fijacion # Fixation

Parafusos unbrako em aço inox (incluídos)

Unbrako stainless steel screws (included)

Tornillos unbrako de acero inox (incluidos)

Vis unbrako acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670, 13126-8

Standard EN 1670, 13126-8

Norma EN 1670, 13126-8

Normatif EN 1670, 13126-8

Observações # Comments # Observaciones # Observations

Fixação posterior própria para series de câmara europeia.

Fixation on the back for C. E.

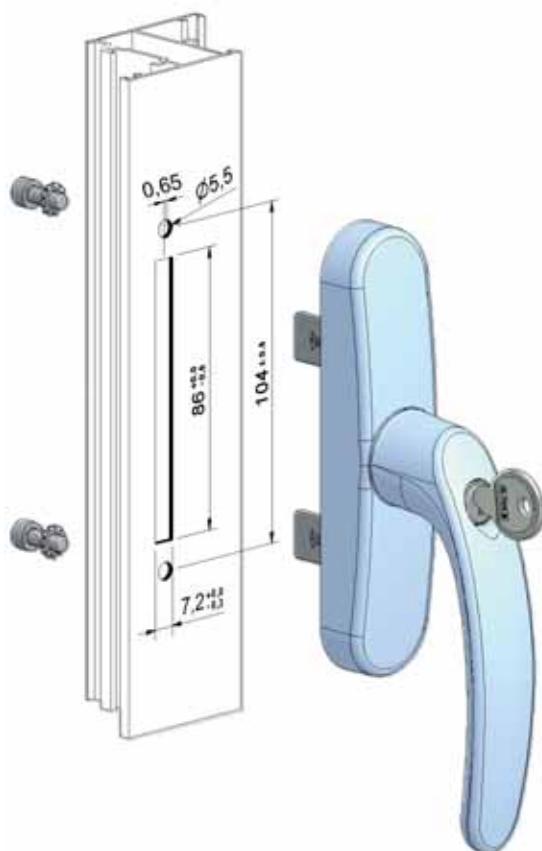
Fijacion posterior para series de camara europea

Fixation postérieure pour C.E.

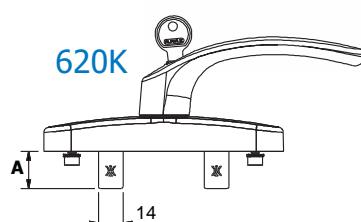
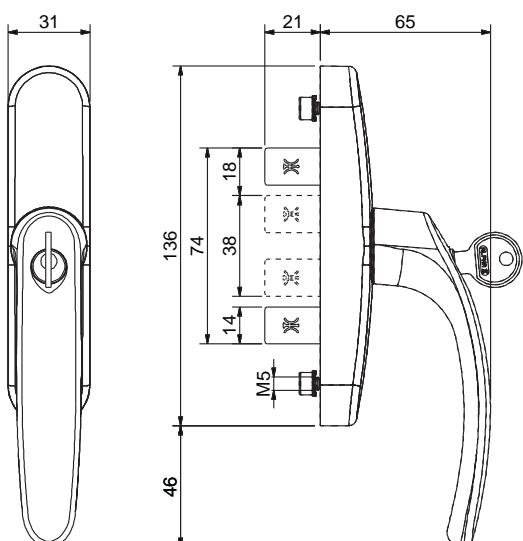


Cremone rotativa reversível para C. E. c/ cilindro de segurança / Rotative cremona for E. G. series
Cremona rotativa para camara europea con cerrador / Cremone d'ouverture française avec serrure

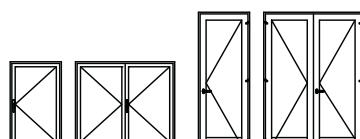
620K



Mod. Dep.



Ref.	A (mm)
620K	21
62MK	27
62LK	37



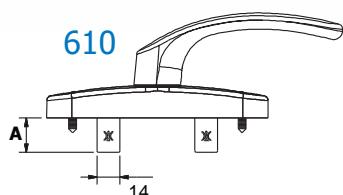
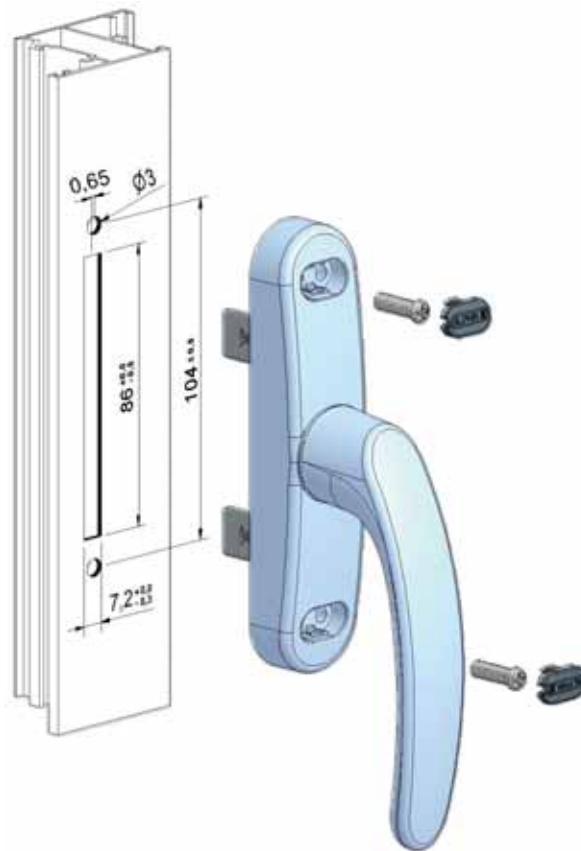
Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades. 3465 grs. 10 units per box. 3465 grs.	Alumínio, zamak e inox Alluminium, zamak and Stainless steel	Parafusos unbrako em aço inox (incluídos) Unbrako stainless steel screws (included)	Lacado. Powder painting.
Caja con 10 unidad. 3465 grs. Boîte avec 10 unités. 3465 grs.	Aluminio, zamak y acero inox Aluminium, zamak et acier inox	Tornillos unbrako de acero inox (incluidos) Vis unbrako acier inox (compris)	Lacado. Laqué.

Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations
Norma EN 1670 Standard EN 1670	Cilindro de segurança e fixação posterior C. E. Security cylinder with fixation on the back C.E.
Norma EN 1670 Normatif EN 1670	Cilindro de seguridad con fijacion posterior C.E. Cylindre de sécurité avec fixation postérieure C.E.

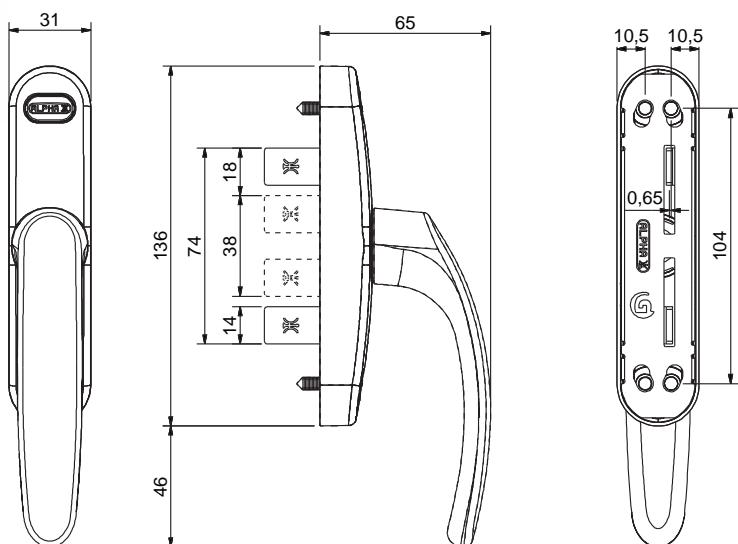
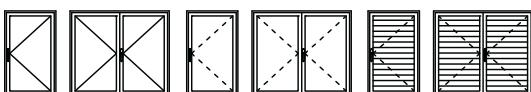


610

Cremone rotativa de fixação frontal/ Rotative cremone, with frontal fixation
Cremona rotativa de fijacion frontal / Cremone rotative avec fixation frontale



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

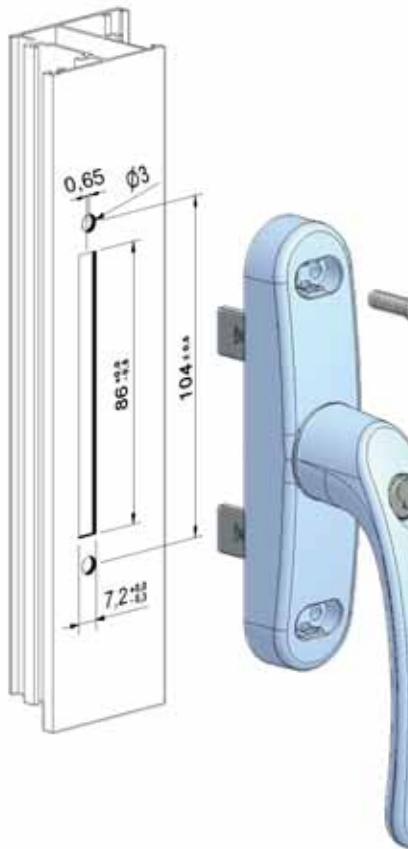


Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 12 unidades 3925 grs. Box with 12 units 3925 grs Caja con 12 unidad 3925 grs Boîte avec 12 unités 3925 grs	Alumínio, zamak e inox Aluminium, zamak and Stainless steel Aluminio, zamak y acero inox Aluminium, zamak et acier inox	Parafusos (incluídos) Screws (included) Tornillos (incluidos) Vis (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Fixação frontal. Frontal fixation. Fijación frontal Fixation frontale.		

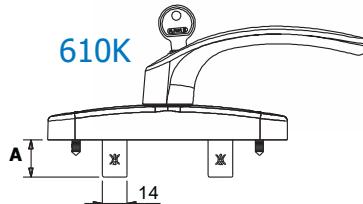
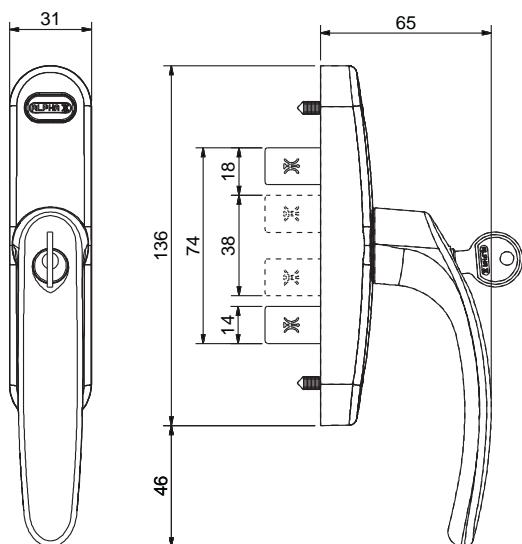


Cremone com fechadura de fixação frontal / Cremone with security cylinder and frontal fixation
Cremona con cerradura y fijación frontal / Cremone avec serrure et fixation frontale

610K



Mod. Dep.



Ref.	A (mm)
610K	21
61MK	27
61LK	37



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 10 unidades. 3390 grs.

Box with 10 units 3390 grs.

Caja con 10 unidad. 3390 grs.

Boîte avec 10 unités 3390 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio, zamak e inox

Alluminium, zamak and Stainless steel

Aluminio, zamak y acero inox

Aluminium, zamak et acier inox

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included)

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Cilindro de segurança e fixação frontal

Security cylinder with frontal fixation

Cilindro de seguridad con fijación frontal

Cylindre de sécurité avec fixation frontale

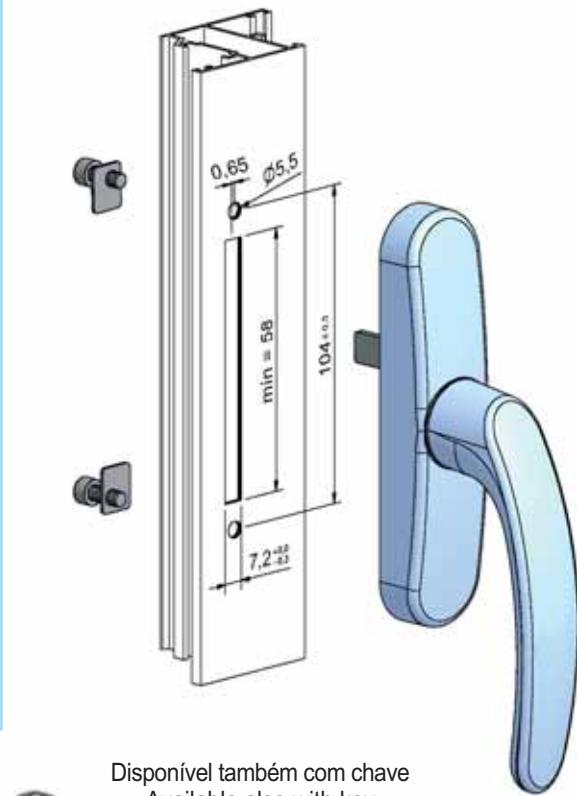


645

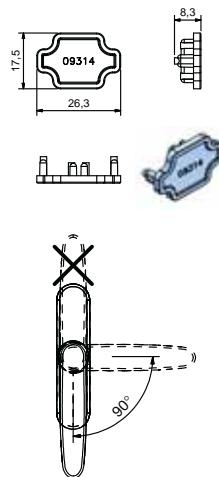
Cremone rotativa para OB / Rotative cremona for Tilt-turn
Cremona rotativa para oscilobatiente / Cremona pour oscillobattant



Mod. Dep.



Cód. 09314

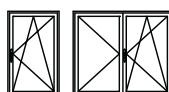
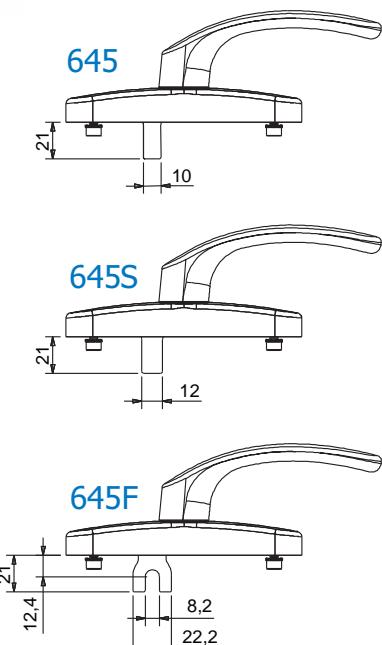
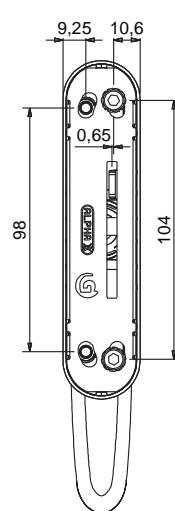
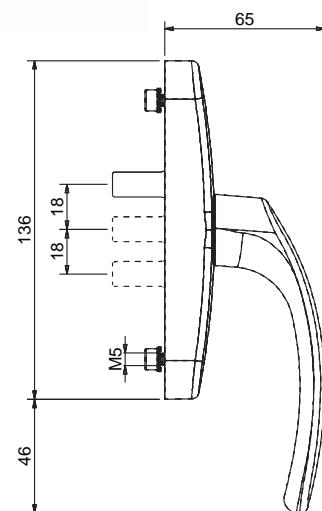
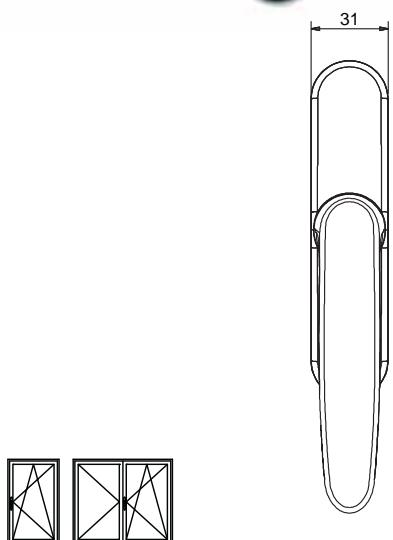


Disponível também com chave

Available also with key

Disponible con llave

Disponible avec clef



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 10 unidades. 3095 grs.
Box with 10 units per box. 3095 grs.
Caja con 10 unidad. 3095 grs.
Boîte avec 10 unités. 3095 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio, zamak e inox
Alluminium, zamak and Stainless steel
Aluminio y zamak y acero inox
Aluminium et zamak acier inox

Fixação # Fixing # Fijacion # Fixation

Parafusos unbrako em aço inox (incluídos)
Unbrako stainless steel screws (included)
Tornillos unbrako de acero inox (incluidos)
Vis unbrako acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.
Powder painting.
Lacado.
Laqué.

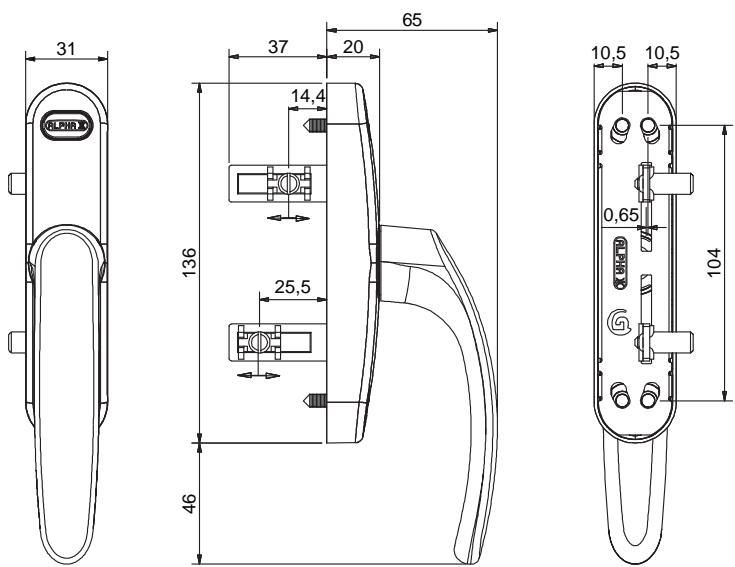
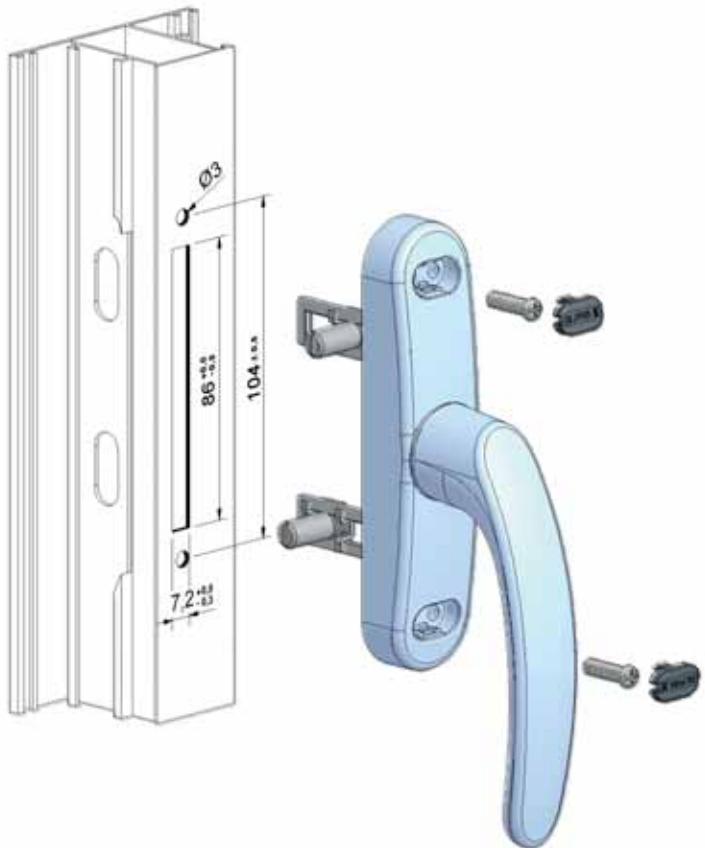
Normas # Standard # Norma # Normatif

Norma EN 1670
Standard EN 1670
Norma EN 1670
Normatif EN 1670

Observações # Comments # Observaciones # Observations

Cremone 180° fixação posterior
Cremona 180° with fixation on the back
Cremona 180° con fijacion posterior
Cremone 180° avec fixation postérieure





Ø8	L	code
7 mm		33026
10 mm		33027
14 mm		33028
16 mm		33029
20 mm		33030

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



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 8 unidades. 2630 grs.

Box with 8 units 2630 grs.

Caja con 8 unidad. 2630 grs.

Boîte avec 8 unités. 2630 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio, zamak aço e inox

Alluminium, zamak steel and Stainless steel

Aluminio, zamak acero y acero inox

Aluminium, zamak, acier et acier inox

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included).

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Fixação frontal.

Frontal fixation.

Fijación frontal

Fixation frontal.

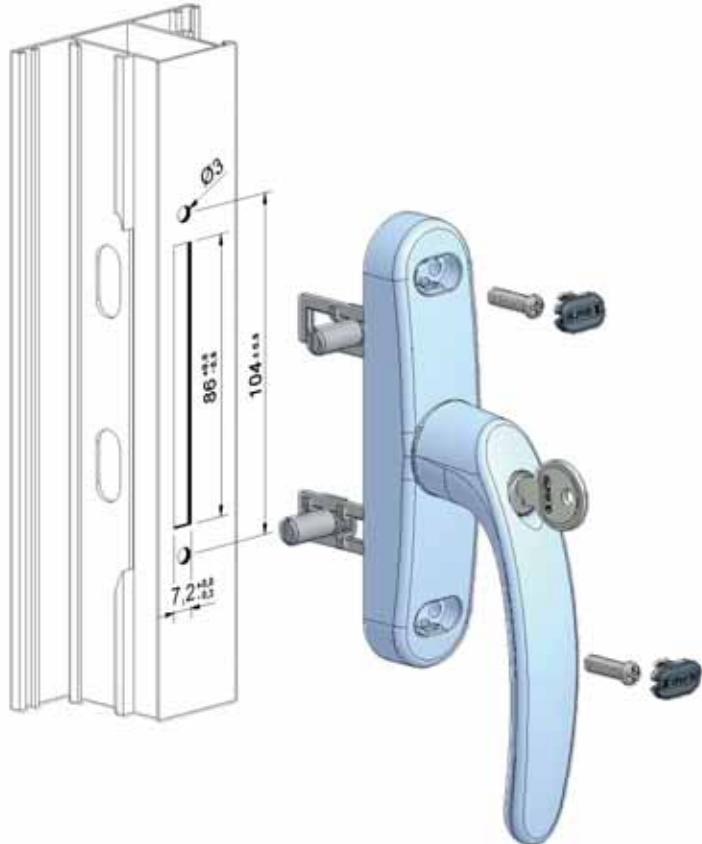


642K

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

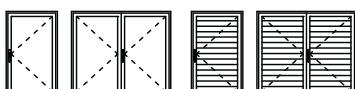
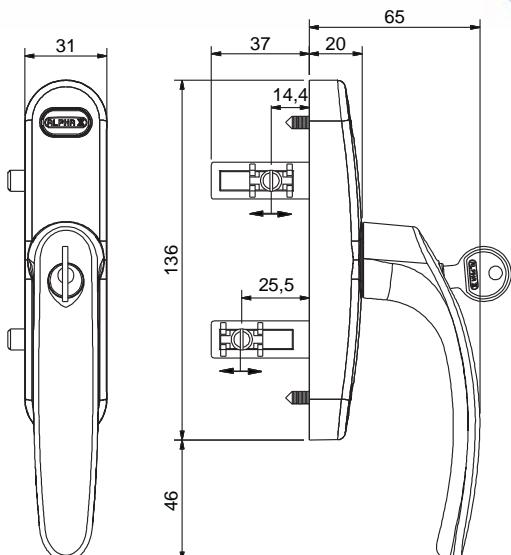


Mod. Dep.



	code
7 mm	33026
10 mm	33027
14 mm	33028
16 mm	33029
20 mm	33030

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

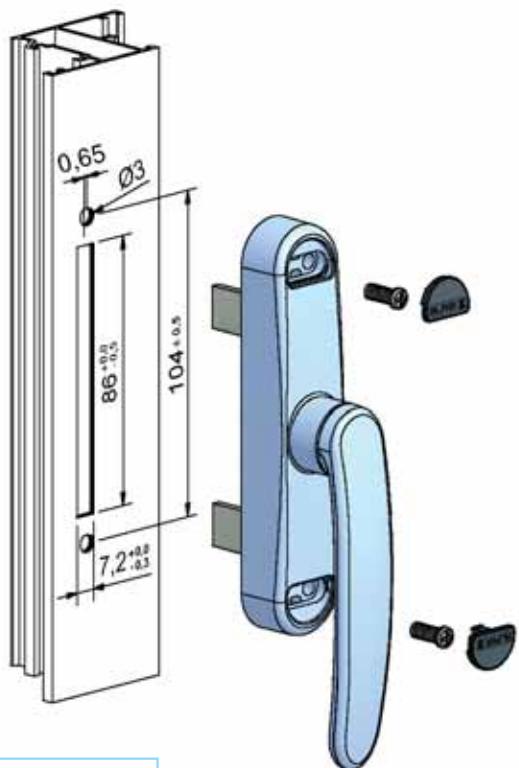


Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 8 unidades. 2800 grs. Box with 8 units 2800 grs. Caja con 8 unidad. 2800 grs. Boîte avec 8 unités. 2800 grs.	Alumínio, zamak aço e inox Aluminium, zamak steel and Stainless steel Aluminio, zamak acero y acero inox Aluminium, zamak, acier et acier inox	Parafusos (incluídos) Screws (included). Tornillos (incluidos) Vis (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Cilindro de segurança e fixação frontal Security cylinder with frontal fixation Cilindro de seguridad con fijación frontal Cylindre de sécurité avec fixation frontale		

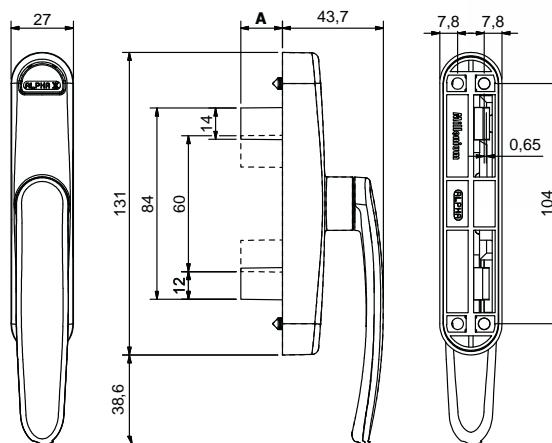
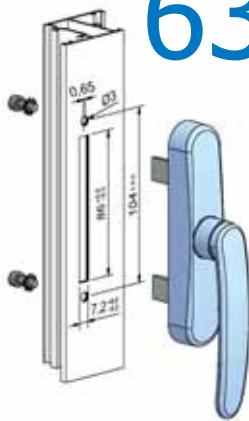


Cremone rotativa **Baixa** de fixação frontal / **Slim** rotative cremona with frontal fixation
 Cremona rotativa **baja** de fijación frontal / Cremone **basse** d'ouverture française de fixation frontale

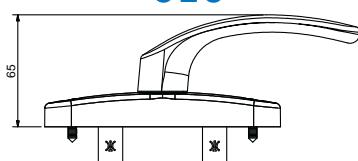
630



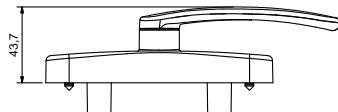
633



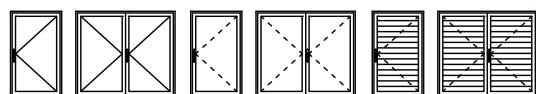
610



630



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



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 10 unidades. 2775 grs.

Box. with 10 units 2775 grs.

Caja con 10 unidad. 2775 grs.

Boîte avec 10 unités. 2775 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included)

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670.

Standard EN 1670.

Norma EN 1670.

Normatif EN 1670.

Observações # Comments # Observaciones # Observations

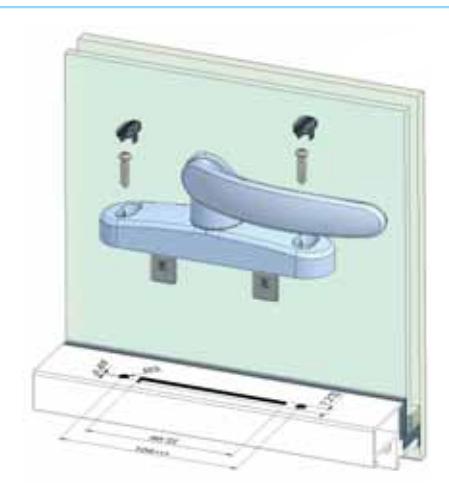
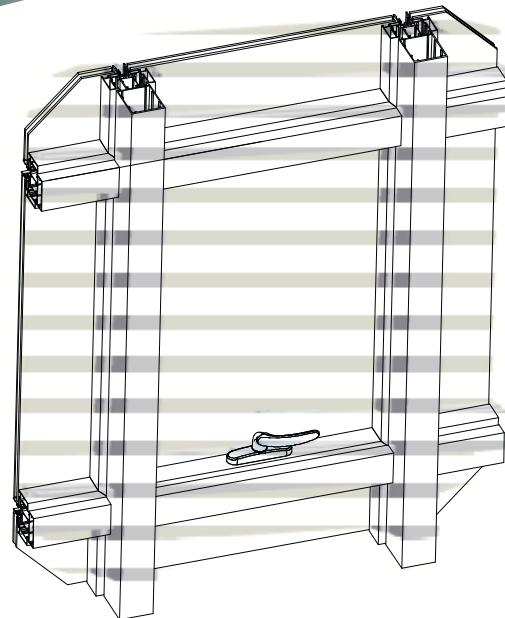
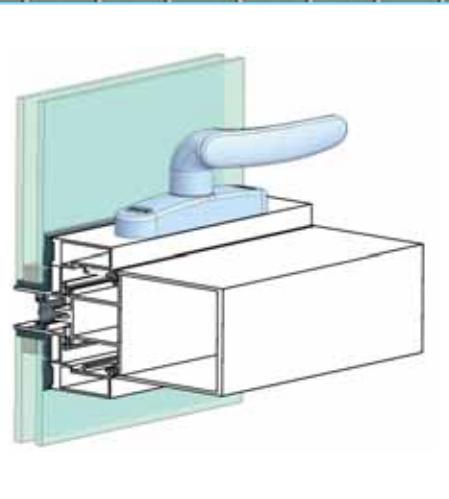
Cremone baixa. Fixação frontal.

Slim cremona. Frontal fixation.

Cremone baja. Fijación frontal.

Cremone basse. Fixation frontale.





Cod. 9312



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 30 unidades. 2480 grs.

Box with 30 units per box. 2480 grs.

Caja con 30 unidad. 2480 grs.

Boîte avec 30 unités. 2480 grs.

Cod. 9313



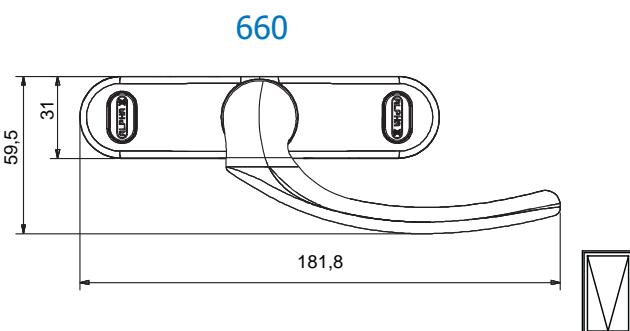
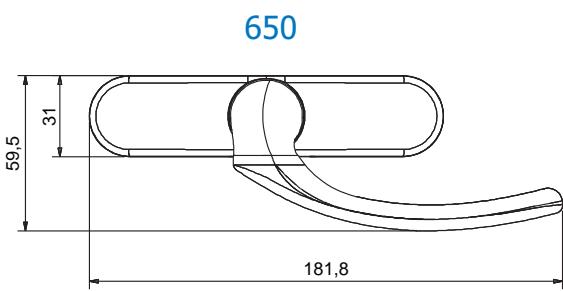
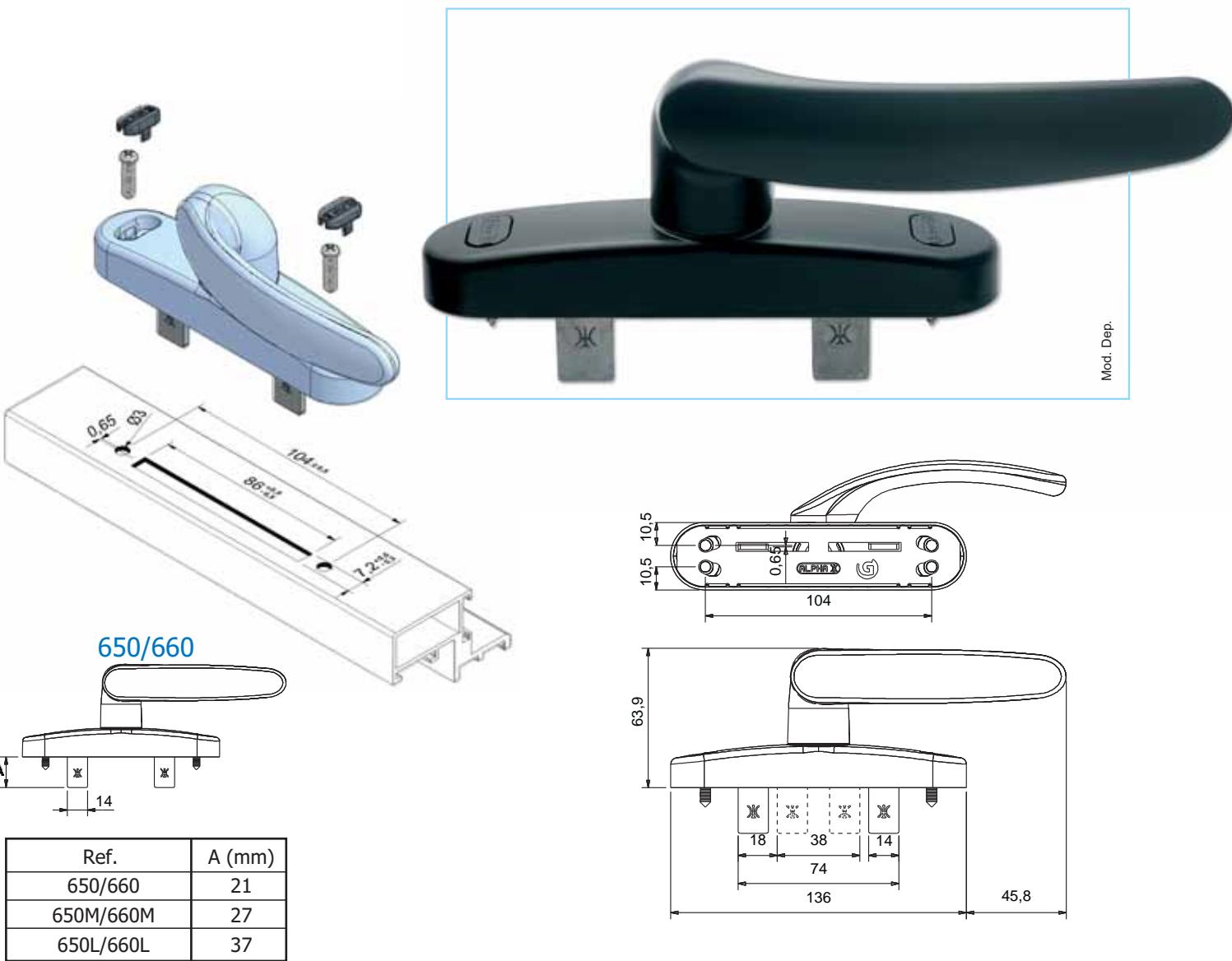
Embalagem # Packaging # Empaqueado # Emballage

Caixas com 50 unidades. 1790 grs.

Box with 50 units per box. 1790 grs.

Caja con 50 unidad. 1790 grs.

Boîte avec 50 unités. 1790 grs.



Embalagem # Packaging # Empaquetado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 12 unidades. 2830 grs (650), 2890 grs (660)	Alumínio, zamak, aço e inox	Parafusos incluídos	Lacado.
Box with 12 units per box. 2830 grs (650), 2890 grs (660)	Aluminium, zamak, steel and Stainless steel	Screws included	Powder painting.
Caja con 12 unidad. 2830 grs (650), 2890 grs (660)	Aluminio, zamak, acero y acero inox	Screws included	Lacado.
Boîte avec 12 unités. 2830 grs (650), 2890 grs (660)	Aluminium, zamak, acier et acier inox	Vis compris	Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670, 13126-8
Standard EN 1670, 13126-8
Norma EN 1670, 13126-8
Normatif EN 1670, 13126-8

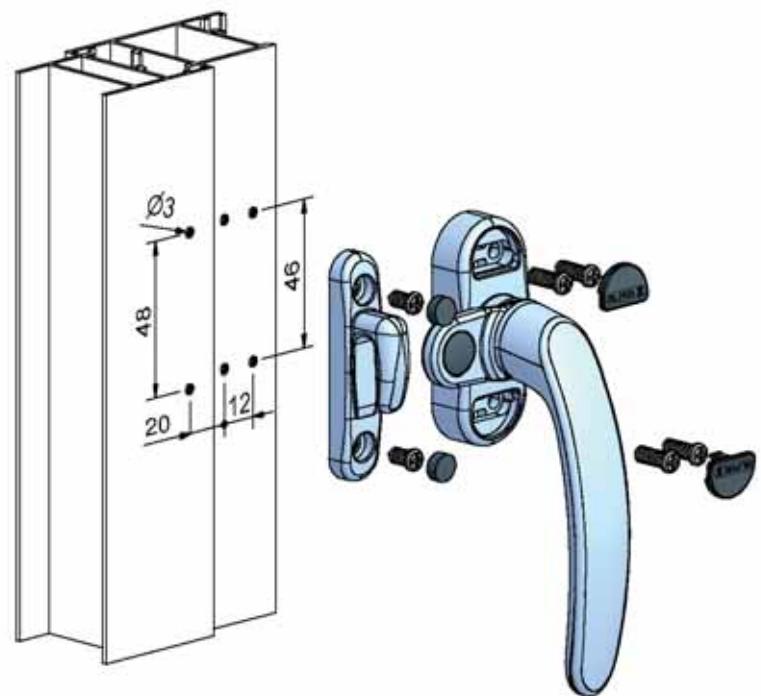
Observações # Comments # Observaciones # Observations

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



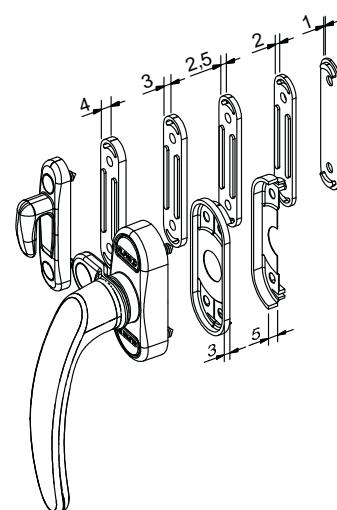
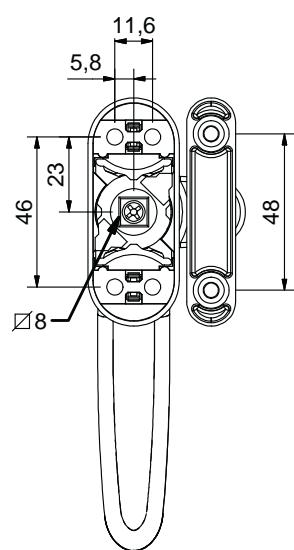
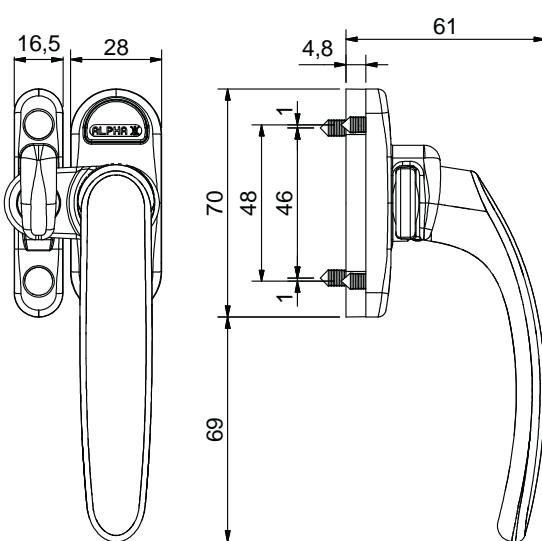
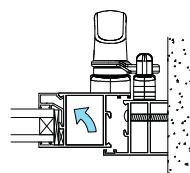
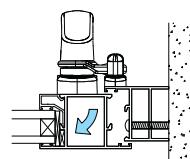
607T

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



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

Abertura para o interior / Inside opening
Apertura al interior / Ouvet à l'intérieur

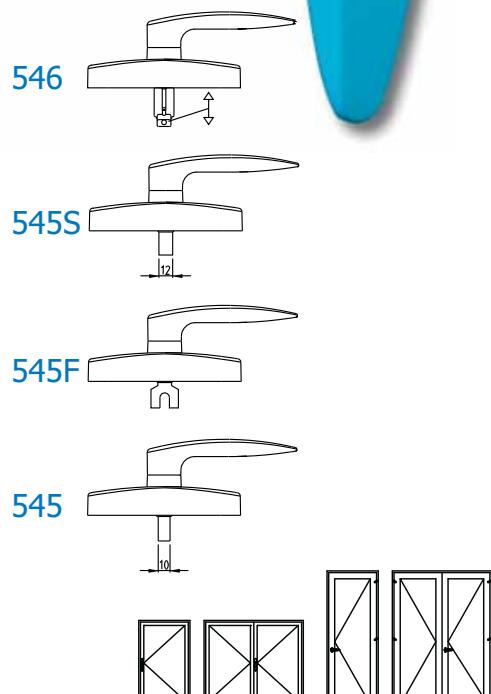
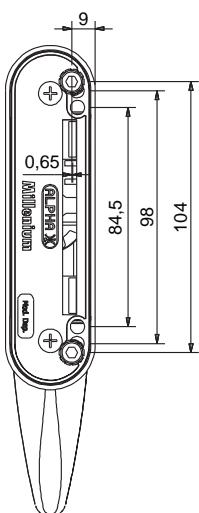
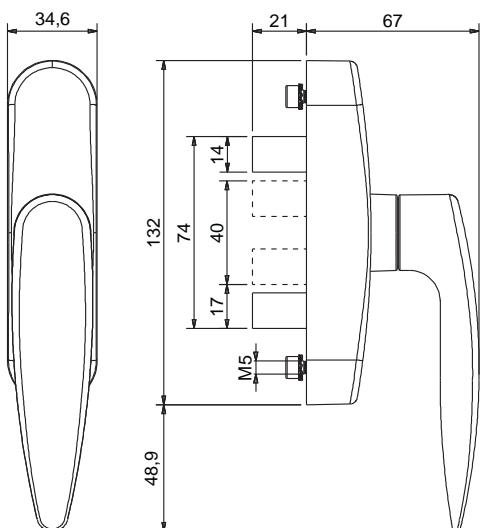
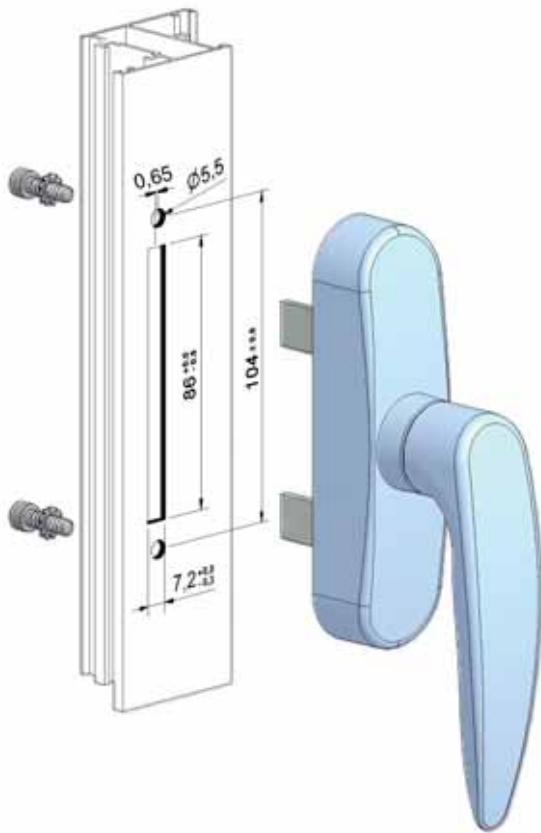


Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades. 2650 grs.	Alumínio e zamak	Parafusos (incluídos)	Lacado
Box. with 10 units 2650 grs.	Aluminium and zamak	Screws (included)	Powder painting
Caja con 10 unidad. 2650 grs.	Aluminio y zamak	Tornillos (incluidos)	Lacado
Boîte avec 10 unités. 2650 grs.	Aluminium et zamak	Vis (compris)	Laqué
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670, 13126-8	Fixação frontal.		
Standard EN 1670, 13126-8	Frontal fixation.		
Norma EN 1670, 13126-8	Fijación frontal.		
Normatif EN 1670, 13126-8	Fixation frontale.		



ALPHA



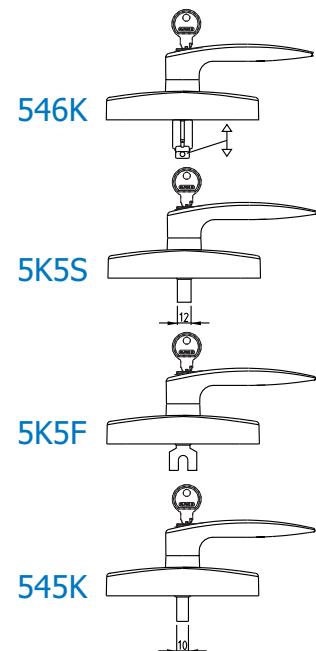
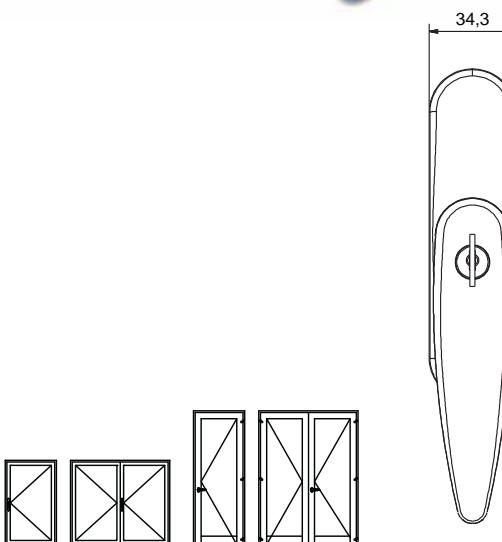
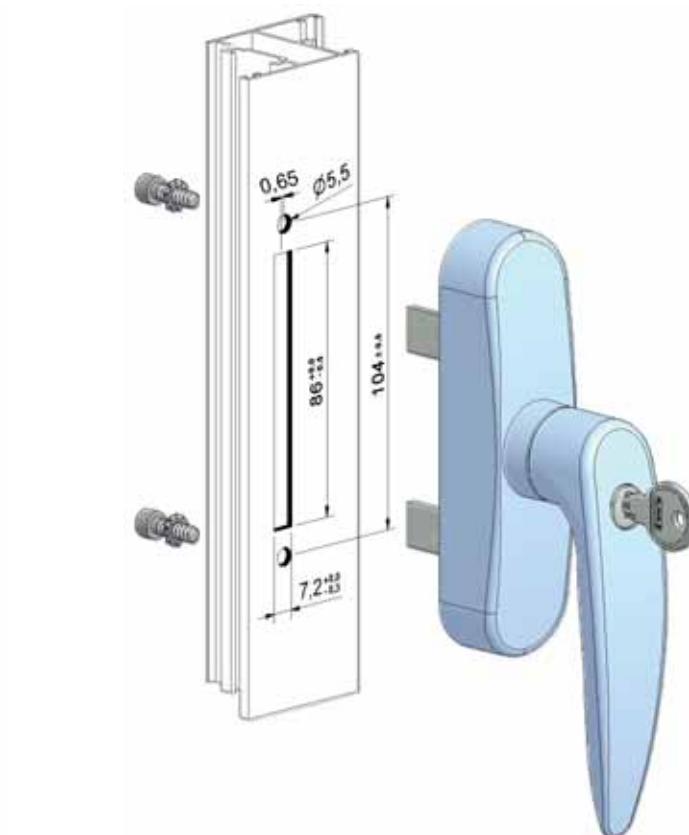


Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 8 unidades. 4140 grs. Box with 8 units per box. 4140 grs. Caja con 8 unidad. 4140 grs. Boîte avec 8 unités. 4140 grs.	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos unbrako em aço inox (incluídos) Unbrako stainless steel screws (included) Tornillos unbrako de acero inox (incluidos) Vis unbrako acier inox (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Fixação posterior própria para series de câmara europeia. Rotative and reversible cremona with fixation on the back. Cremona rotativa reversible con fijacion posterior para series de camara europea Cremone d'ouverture française pour C.E. avec fixation postérieure		

540K

Linha Millenium

Cremone c/ fechadura / Cremone with security cylinder
Cremona con cerradura, cilindro de seguridad / Cremone avec serrure



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 8 unidades. 6830 grs.

8 units per box. 6830 grs.

Caja con 8 unidad. 6830 grs.

Boîte avec 8 unités. 6830 grs.

Materials # Materials # Materiales # Matériaux

Alumínio e zamak

Aluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos unbrako em aço inox (incluídos)

Unbrako stainless steel screws (included)

Tornillos unbrako de acero inox (incluidos)

Vis unbrako acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

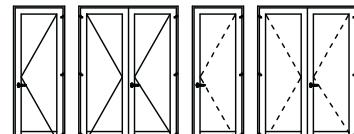
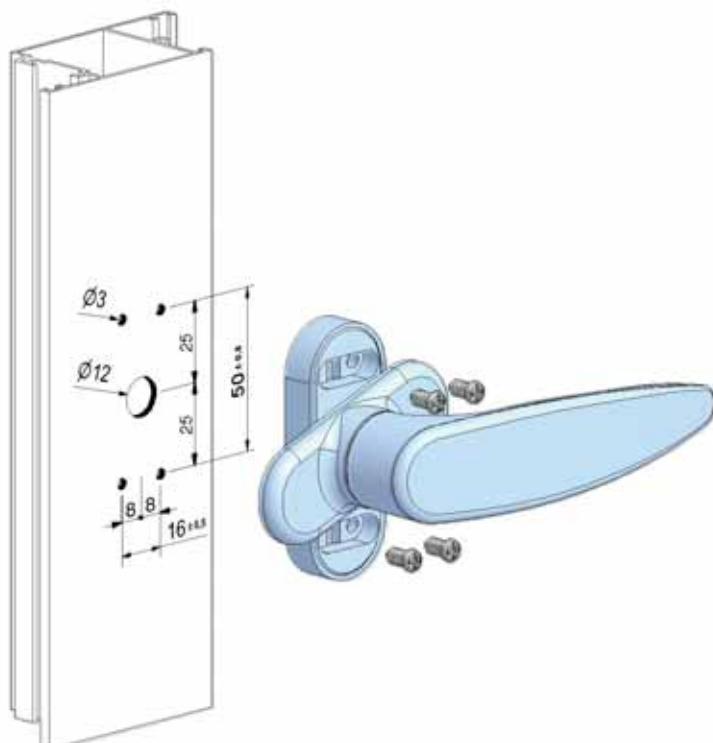
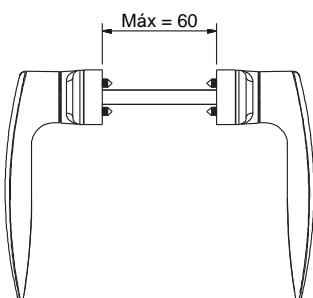
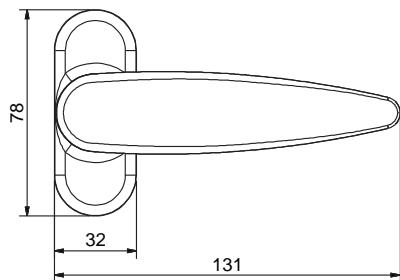
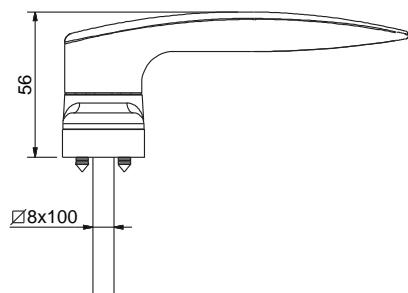
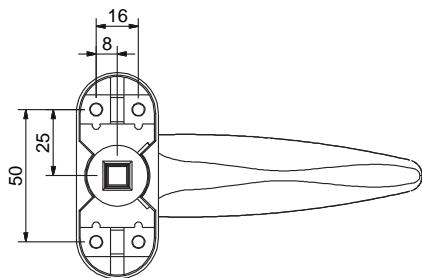
Cilindro de segurança e fixação posterior C.E.

Security cylinder with fixation on the back C.E.

Cilindro de seguridad con fijacion posterior C.E.

Cylindre de sécurité avec fixation postérieure C.E.





Embalagem # Packaging # Empaqueado # Emballage

Caixas com 6 pares. 3660 grs.

Box of 6 pairs. 3660 grs.

Caja de 6 pares. 3660 grs.

Boîte au 6 pairs. 3660 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included)

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Par de muletas com mola de recuperação para portas. Vergalhão quadrado de 8mm (incluído)

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

Manilla con muelle de recuperacion para puertas. Cuadrado de 8mm.

Béquille aux pairs. Barreau de 8mm (compris).



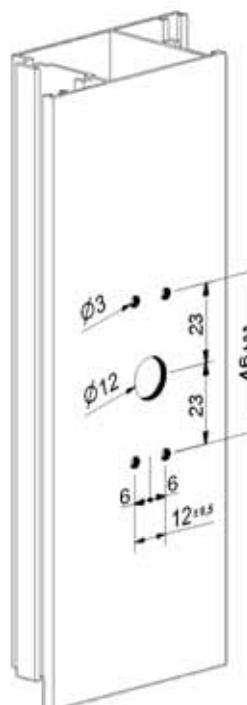
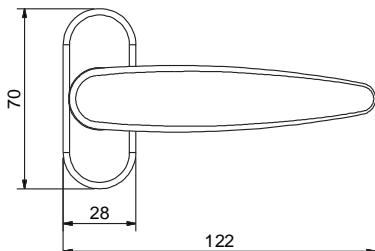
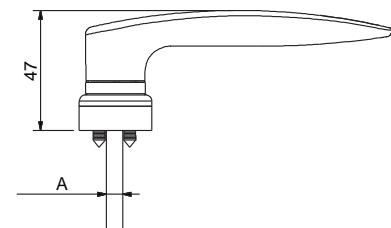
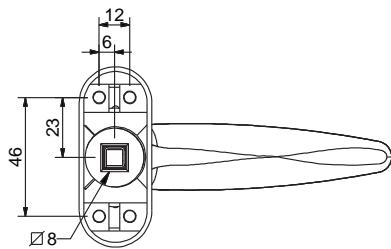
505

Linha Millennium

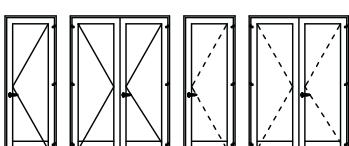
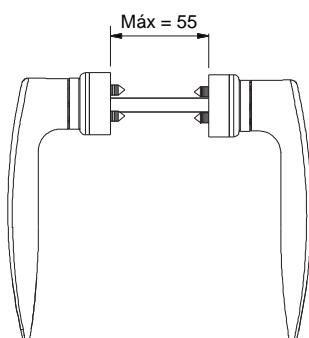
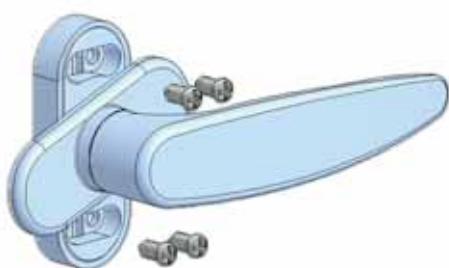
Muleta com mola de recuperação / Spring-loaded handle for doors
Manilla con muelle de recuperacion / Bequille avec ressort de recuperation pour portes



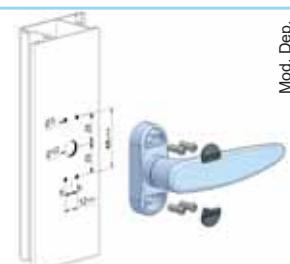
Mod. Dep.



Ref:	A
505	<input checked="" type="checkbox"/> 1/4" x 80
505E	<input checked="" type="checkbox"/> 8x80



505T



Mod. Dep.

Embalagem # Packaging # Empaqueado # Emballage

Caixas com 6 pares. 2525 grs.
Box of 6 pairs. 2525 grs.
Caja de 6 pares. 2525 grs.
Boîte à 6 paires. 2525 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak
Aluminium and zamak
Aluminio y zamak
Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)
Screws (included)
Tornillos (incluidos)
Vis unbrako acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.
Powder painting.
Lacado.
Laqué.

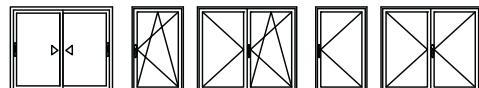
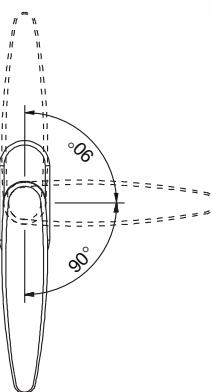
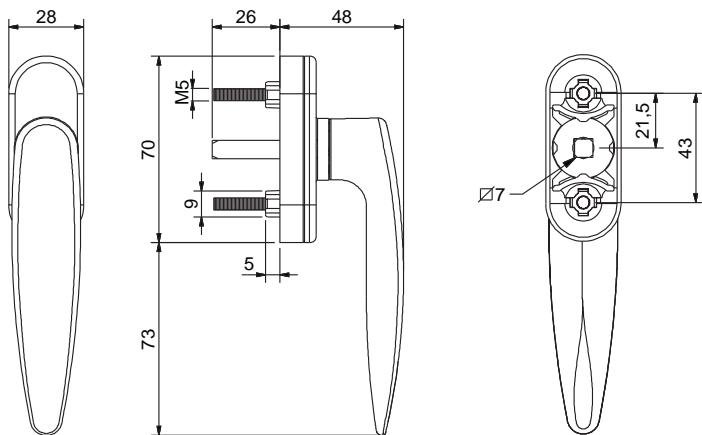
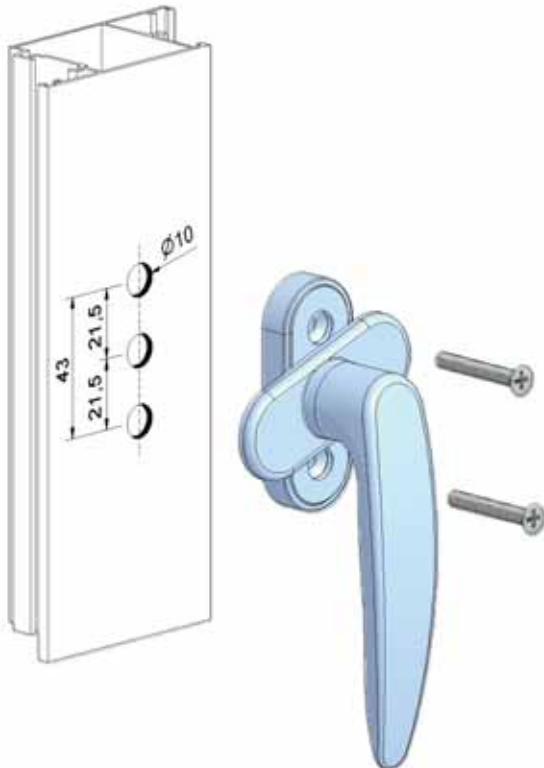
Normas # Standard # Norma # Normatif

Norma EN 1670
Standard EN 1670
Norma EN 1670
Normatif EN 1670

Observações # Comments # Observaciones # Observations

Par de muletas com mola de recuperação para portas. Vergalhão quadrado de 6.35mm (505) ou de 8mm (505E), incluído.
Double spring-loaded handle for doors. 6.35mm (505) or 8mm square (505E) included.
Manilla con muelle de recuperacion para puertas. Cuadrillo de 6.35 (505) o 8mm (505 E) incluidos.
Béquille aux pairs. Barreau de 6.35 (505) o 8mm (505 E) compris.





Embalagem # Packaging # Empaqueado # Emballage

Caixas com 10 unidades. 1900 grs.

Box of 10 units. 1900 grs.

Caja de 10 unidades. 1900 grs.

Boite avec 10 pieces. 1900 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Aluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos em aço inox (incluídos)

Unbrako stainless steel screws (included)

Tornillos unbrako de acero inox (incluidos)

Vis unbrako acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Adapta-se a todo tipo de portas e janelas

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

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

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



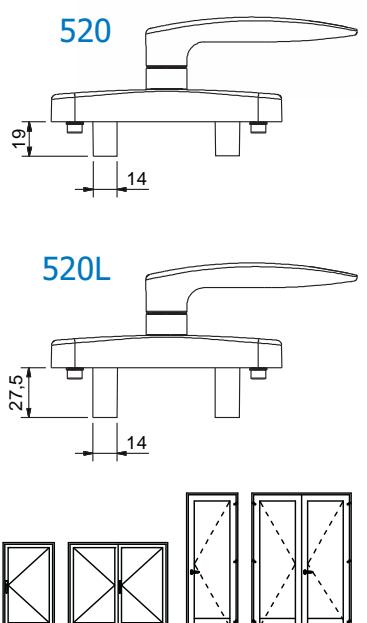
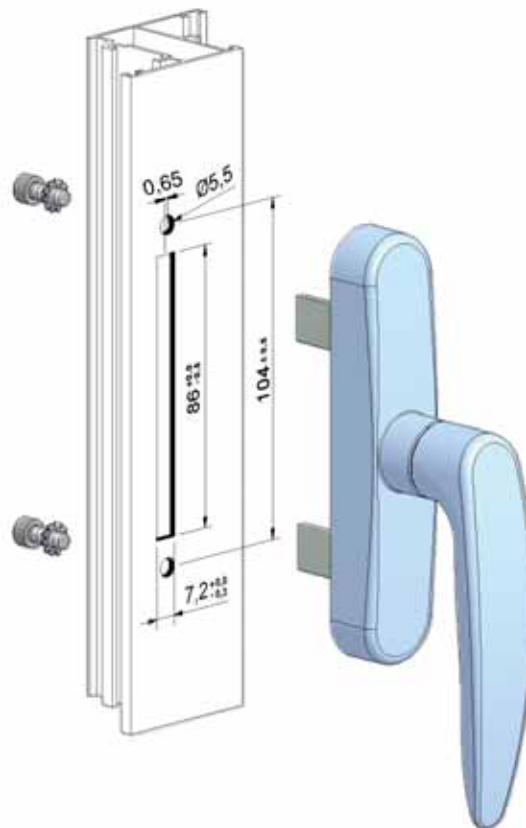
520

Linha Millenium

Cremone rotativa de reversível para C. E. / Rotative cremona for E.C. series
Cremona rotativa para camara europea / Cremona d'ouverture française pour C. E.



Mod. Dep.



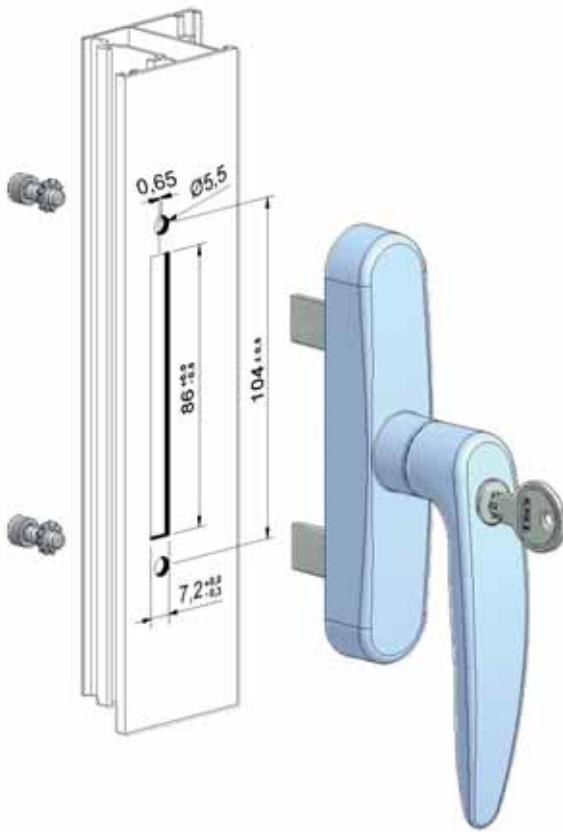
Embalagem # Packaging # Empaquetado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades. 3490 grs. Box. with 10 units. 3490 grs. Caja con 10 unidad. 3490 grs. Boîte avec 10 unités. 3490 grs.	Perfil de alumínio e zamak Die casting Alluminium and zamak Aluminio y zamak de inyección Aluminium et zamak injectéés	Parafusos unbrako em aço inox (incluídos) Unbrako stainless steel screws (included) Tornillos unbrako de acero inox (incluidos) Vis unbrako acier inox (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Fixação posterior própria para series C. E. Fixation on the back for C. E. Fijacion posterior para series C. E. Fixation postérieure pour C.E.		



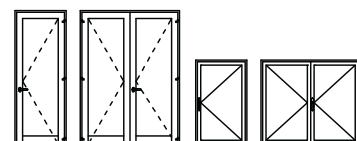
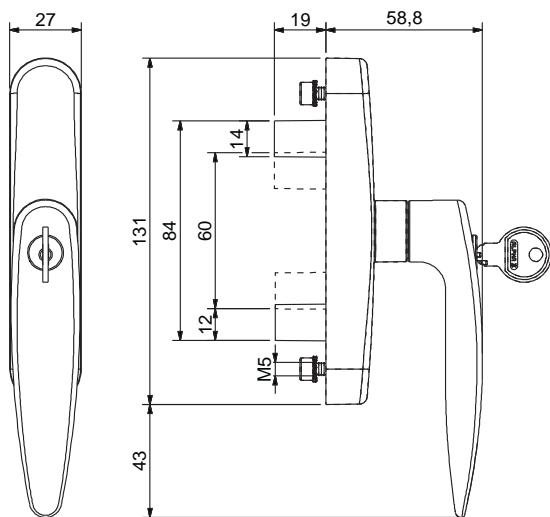


Cremone rotativa reversível para C. E. c/ cilindro de segurança / Rotative cremona for E. G. series
Cremona rotativa para camara europea con cerrador / Cremona d'ouverture française avec serrure

520K



Mod. Dep.



Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades. 4750 grs. Box with 10 units. 4750 grs. Caja con 10 unidad. 4750 grs. Boîte avec 10 unités. 4750 grs.	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos unbrako em aço inox (incluídos) Unbrako stainless steel screws (included) Tornillos unbrako de acero inox (incluidos) Vis unbrako acier inox (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Cilindro de segurança e fixação posterior C. E. Security cylinder with fixation on the back C.E. Cilindro de seguridad con fijacion posterior C.E. Cylindre de sécurité avec fixation postérieure C.E.		



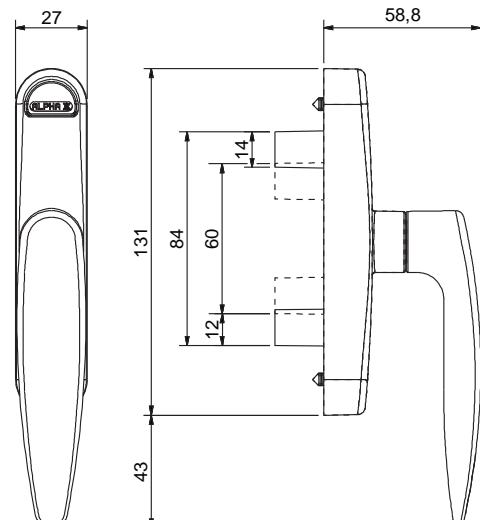
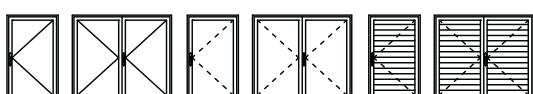
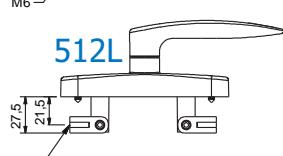
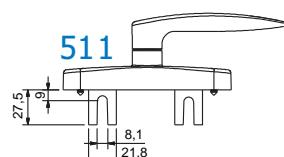
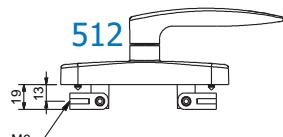
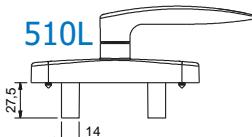
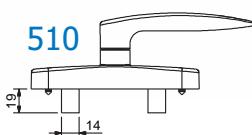
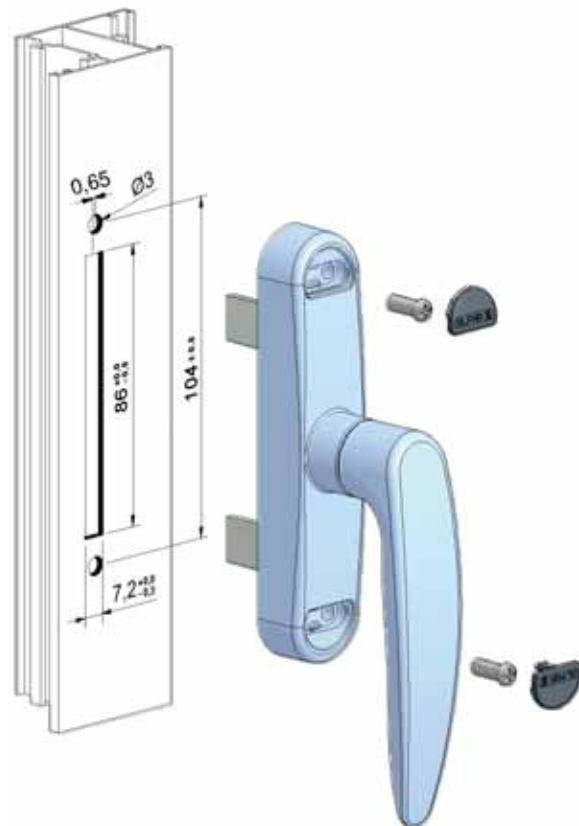


510

Cremone rotativa de fixação frontal/ Rotative cremone, with frontal fixation
Cremona rotativa de fijacion frontal / Cremone rotative avec fixation frontale



Mod. Dep.

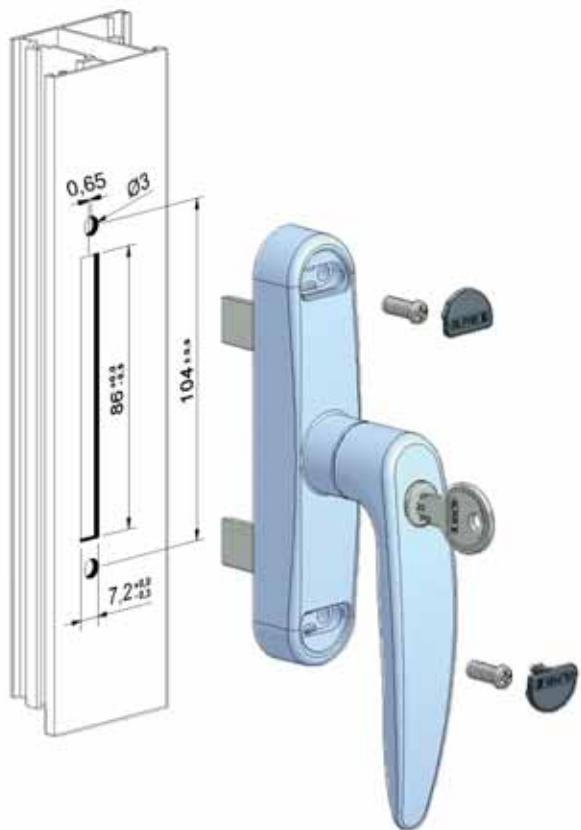


Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades. 3340 grs. Box with 10 units. 3340 grs. Caja con 10 unidad. 3340 grs. Boîte avec 10 unités. 3340 grs.	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos (incluídos) Screws (included). Tornillos (incluidos) Vis (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif		Observações # Comments # Observaciones # Observations	
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670		Fixação frontal. Frontal fixation. Fijación frontal. Fixation frontale.	

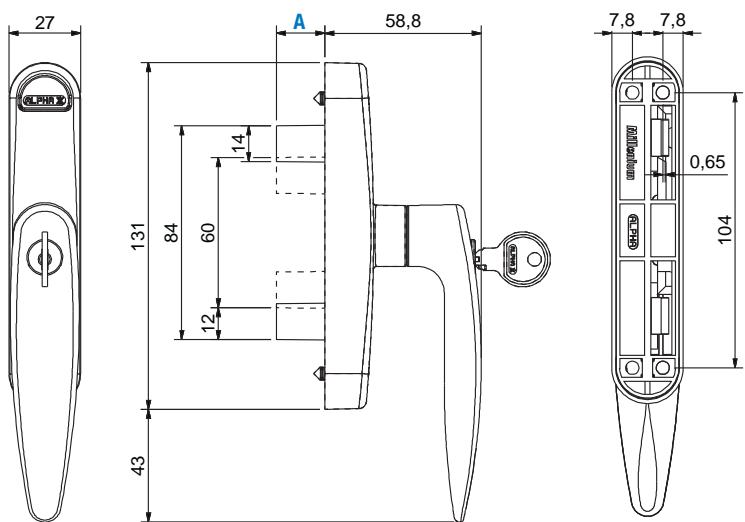


Cremone com fechadura de fixação frontal / Cremone with security cylinder and frontal fixation
Cremona con cerradura y fijación frontal / Cremona avec serrure et fixation frontale

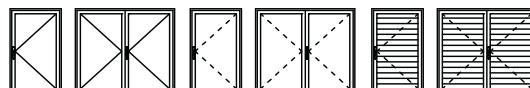
510K



Mod. Dep.



Ref.	A (mm)
510K	19
51LK	27,5



Embalagem # Packaging # Empaquetado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades. 4580 grs. Box with 10 units 4580 grs. Caja con 10 unidad. 4580 grs. Boîte avec 10 unités. 4580 grs.	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos (incluídos) Screws (included). Tornillos (incluidos) Vis (compris)	Lacado. Powder painting. Lacado. Laqué.

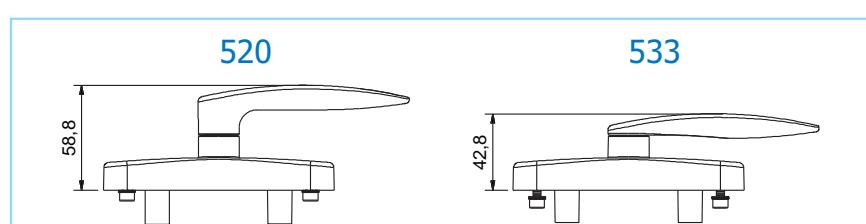
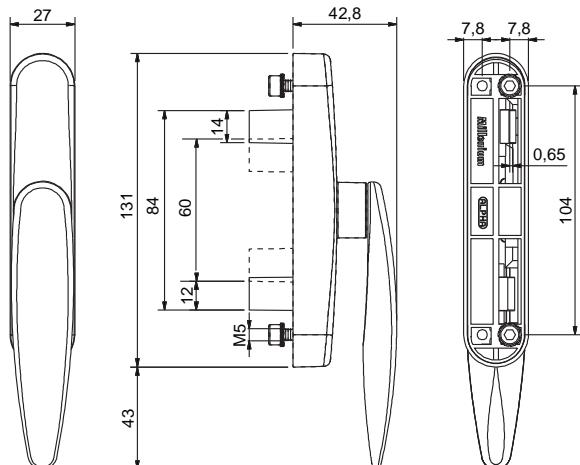
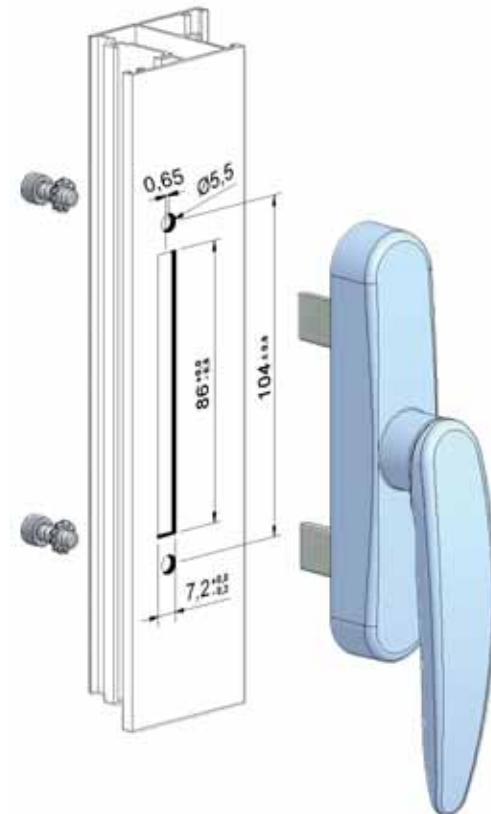
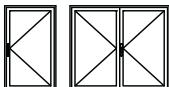
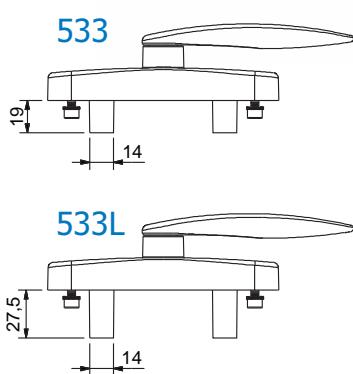
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Cilindro de segurança e fixação frontal Security cylinder with frontal fixation Cilindro de seguridad con fijación frontal Cylindre de sécurité avec fixation frontale





533

Cremone rotativa baixa / Slim rotative cremona
Cremona rotativa baja / Cremona rotatif basse



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 10 unidades. 3230 grs.

Box. with 10 units 3230 grs.

Caja con 10 unidad. 3230 grs.

Boîte avec 10 unités. 3230 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos unbrako em aço inox (incluídos)

Unbrako stainless steel screws (included)

Tornillos unbrako de acero inox (incluidos)

Vis unbrako acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Cremone baixa. Fixação posterior própria para series C. E.

Slim cremona. Fixation on the back for C. E.

Cremone baja. Fijacion posterior para series C. E.

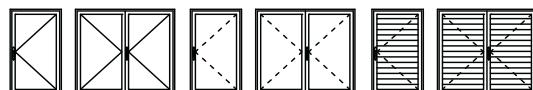
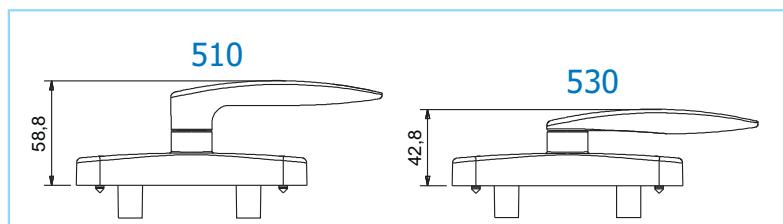
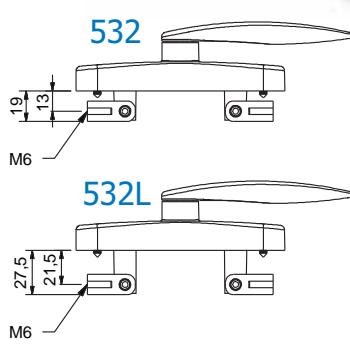
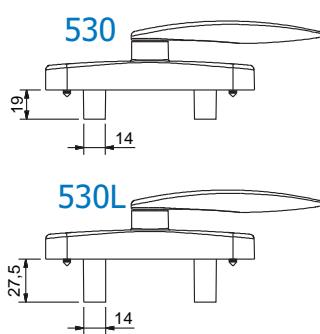
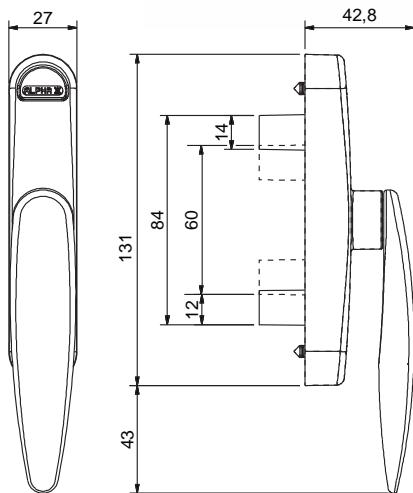
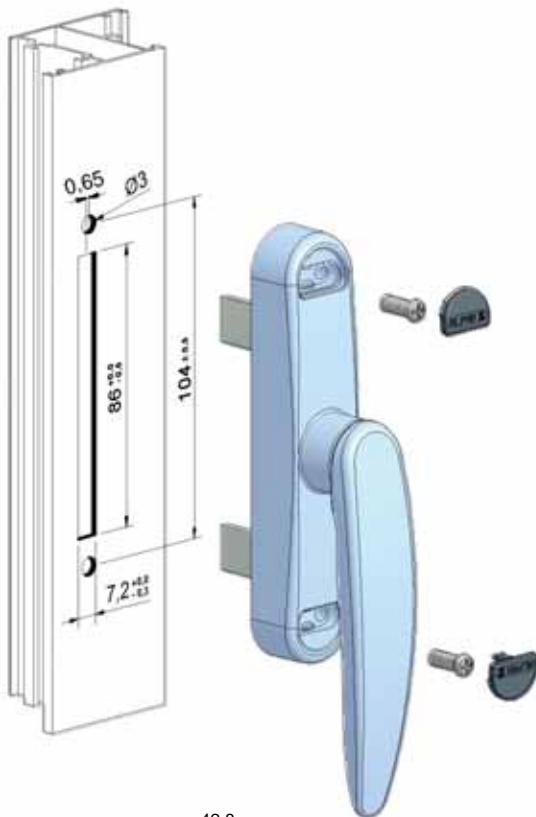
Cremone baisse. Fixation postérieure pour C.E.





Cremone rotativa **Baixa** de fixação frontal / **Slim** rotative cremona with frontal fixation
 Cremona rotativa **baja** de fijación frontal / Cremone **basse** d'ouverture française de fixation frontale

530



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 10 unidades. 3025 grs.

Box. with 10 units 3025 grs.

Caja con 10 unidad. 3025 grs.

Boîte avec 10 unités. 3025 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included)

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670, 13126-8

Standard EN 1670, 13126-8

Norma EN 1670, 13126-8

Normatif EN 1670, 13126-8

Observações # Comments # Observaciones # Observations

Cremone baixa. Fixação frontal.

Slim cremona. Frontal fixation.

Cremone baja. Fijación frontal.

Cremone baisse. Fixation frontale.



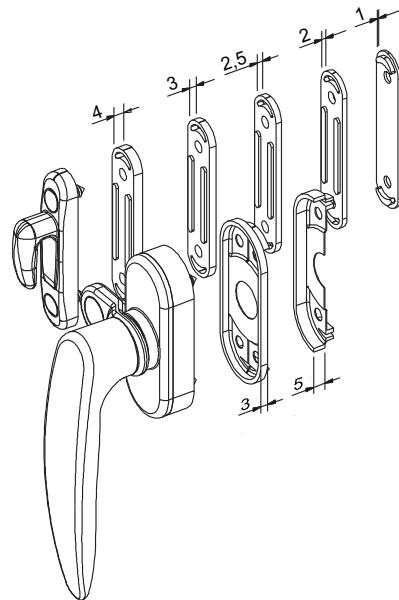
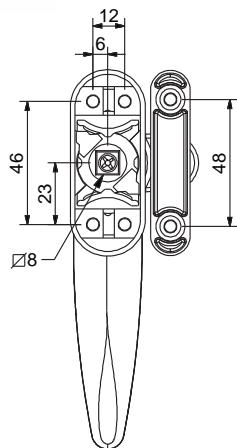
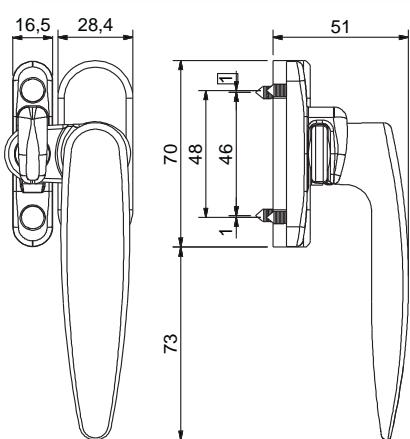
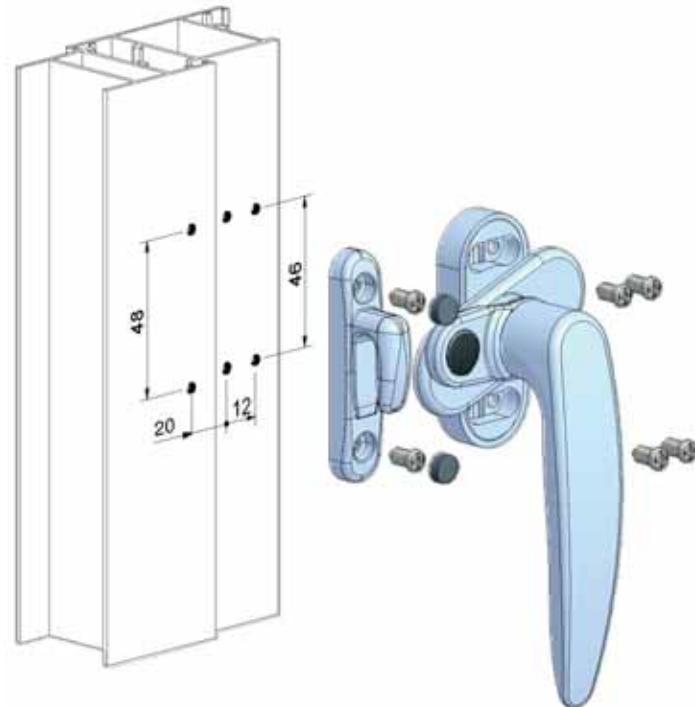
507

Linha Millenium

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



Mod. Dep.



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 10 unidades. 2890 grs.

Box with 10 units 2890 grs.

Caja con 10 unidad. 2890 grs.

Boîte avec 10 unités. 2890 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Aluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos e calços (incluídos)

Screws and wedge (included)

Tornillos y suplementos en nylon (incluidos)

Vis et cales (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

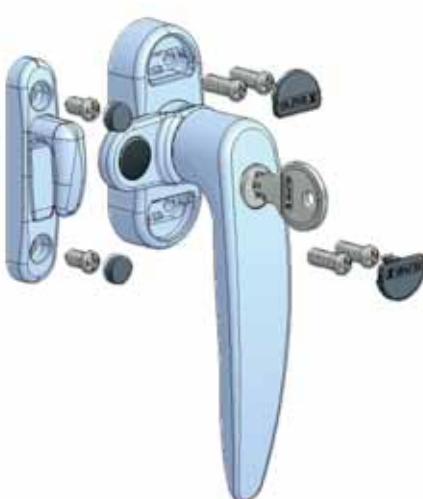
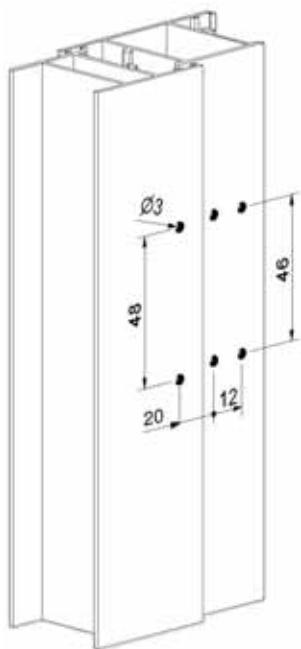
Cremone reversível de lingueta

Reversible closing handle

Cierre de presión

Poignée batteuse





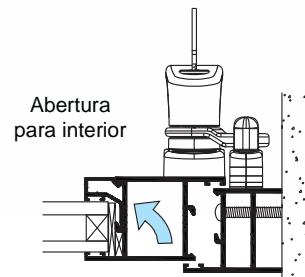
Mod. Dep.



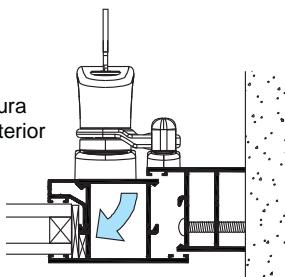
507T

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

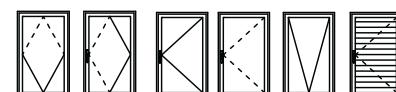
Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation
Caixas com 10 unidades. 2800 grs. Box with 10 units 2800 grs. Caja con 10 unidad. 2800 grs. Boîte avec 10 unités. 2800 grs.	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos e calços (incluídos) Screws and wedge (included) Tornillos y suplementos en nylon (incluidos) Vis et cales (compris)



Abertura para exterior



Abertura para interior



Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades. 4200 grs. Box with 10 units 4200 grs. Caja con 10 unidad. 4200 grs. Boîte avec 10 unités. 4200 grs.	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos e calços (incluídos) Screws and wedge (included) Tornillos y suplementos en nylon (incluidos) Vis et cales (compris)	Lacado. Powder painting. Lacado. Laqué.

Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Cremone reversível de lingueta Reversible closing handle Cierre de presión Poignée batteuse



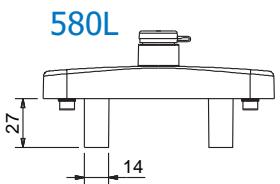
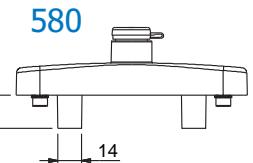
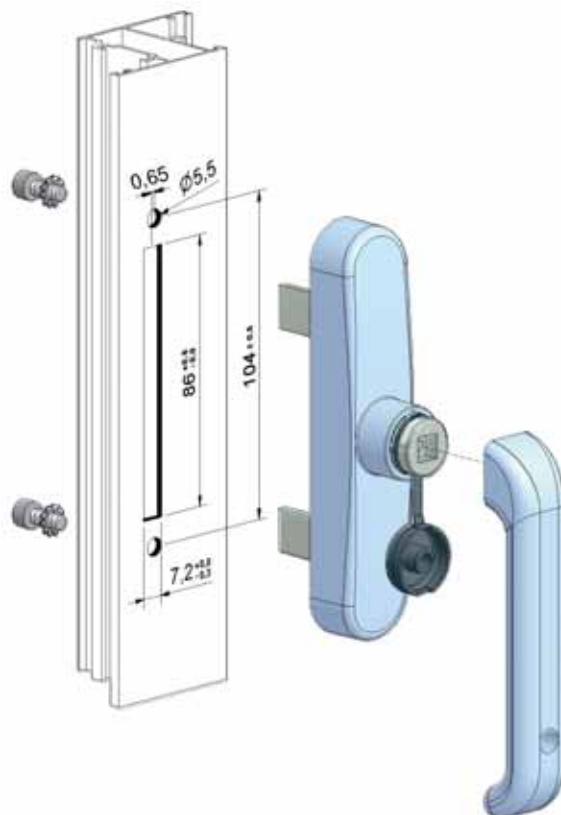


580

Cremone de segurança s/ punho / Security cremona (without handle)
Cremona rotativa sin maneta / Cremona d'ouverture française sans poignée



Mod. Dep.



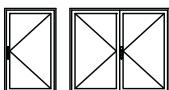
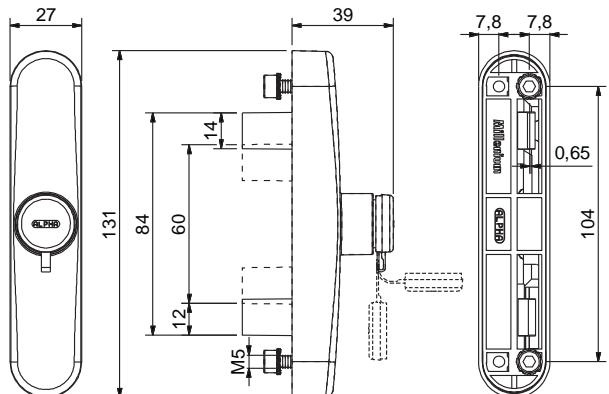
47P

47P

Punho / Handle / Manillha / Poignée (ref. 470; 480; 570; 580)

Materiais # Materials # Materiales # Matériaux # Embalagem # Packaging # Empaquetado # Emballage

Alumínio injectado	Caixas com 10 unidades. 725 grs.
Die casting alluminium	Box with 10 units 725 grs.
Aluminio de inyección	Caja con 10 unidad. 725 grs.
Aluminium injecté	Boîte avec 10 unités. 725 grs.



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 10 unidades. 2690 grs.
Box with 10 units 2690 grs.
Caja con 10 unidad. 2690 grs.
Boîte avec 10 unités. 2690 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak
Alluminium and zamak
Aluminio y zamak
Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos unbrako em aço inox (incluídos)
Unbrako stainless steel screws (included)
Tornillos unbrako de acero inox (incluidos)
Vis unbrako acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.
Powder painting.
Lacado.
Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670
Standard EN 1670
Norma EN 1670
Normatif EN 1670

Observações # Comments # Observaciones # Observations

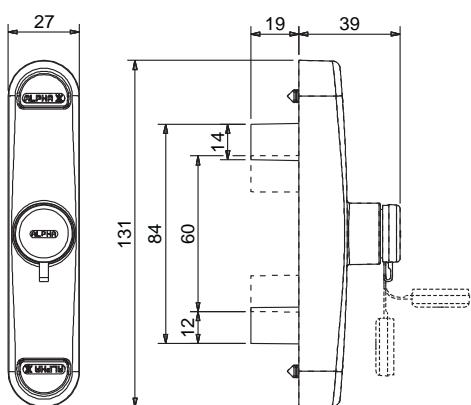
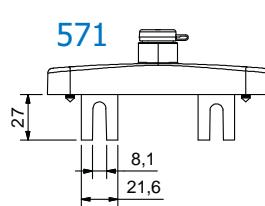
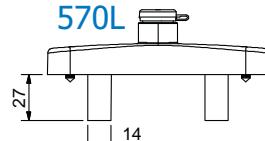
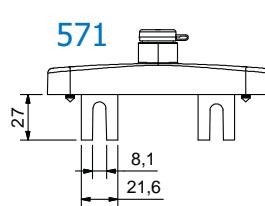
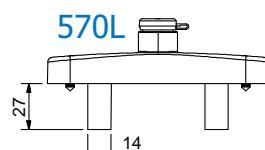
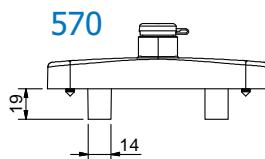
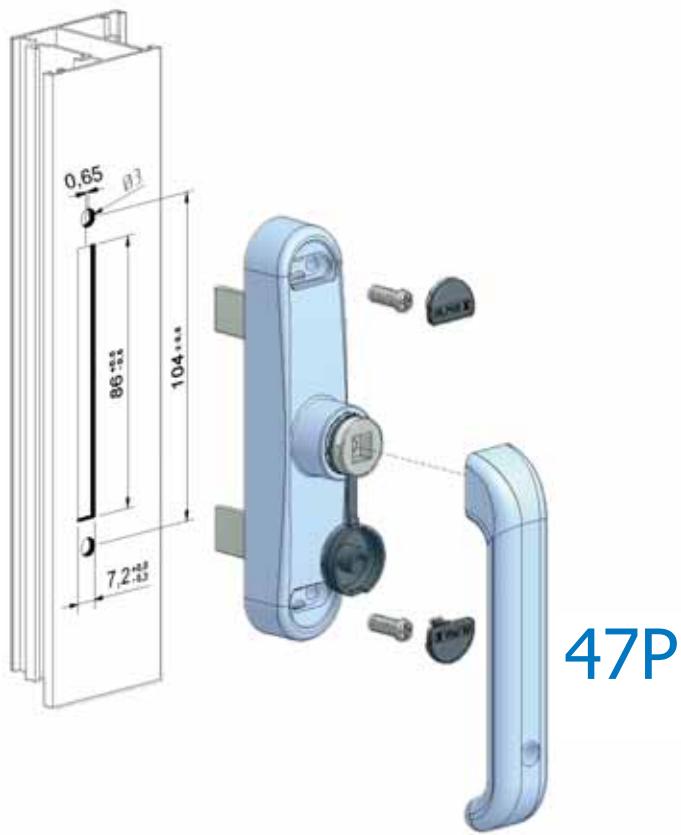
Cremone rotativa com fixação posterior
Rotative and reversible cremone with fixation on the back
Cremona rotativa reversible con fijación posterior
Cremone avec fixation postérieure





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

570



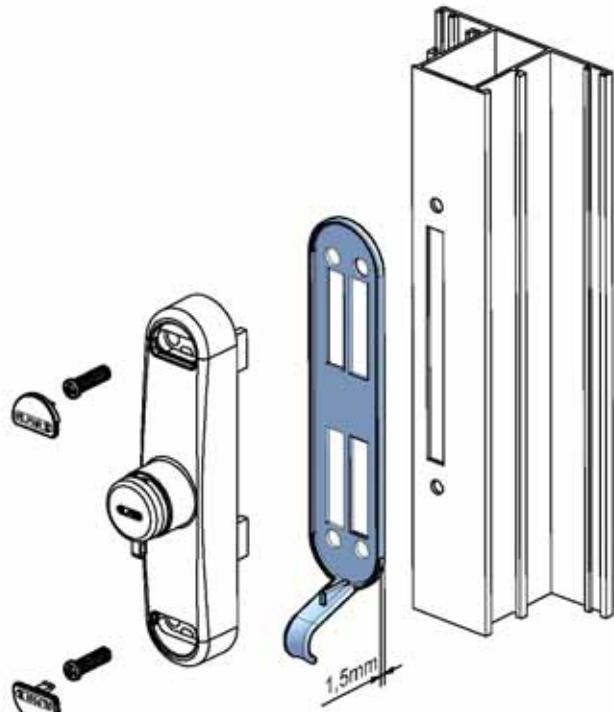
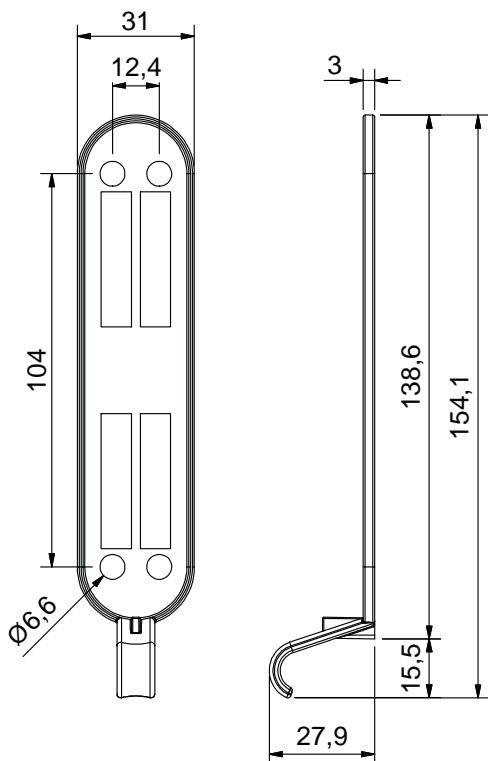
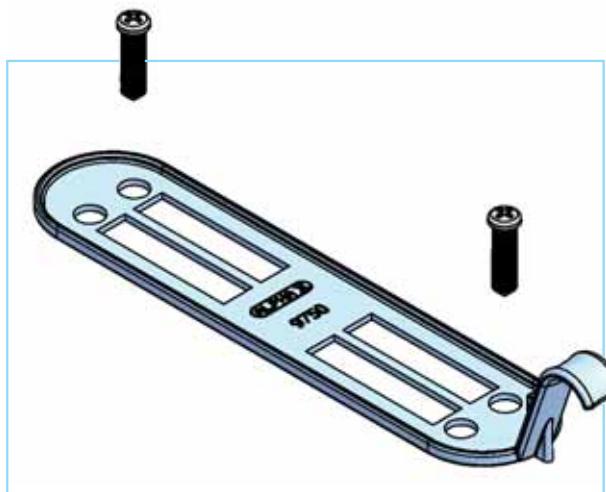
Embalagem # Packaging # Empaquetado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades. 2510 grs. Box with 10 units 2510 grs. Caja con 10 unidad. 2510 grs. Boîte avec 10 unités. 2510 grs.	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos (incluídos) Unbrako (included) Tornillos (incluidos) Vis (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif		Observações # Comments # Observaciones # Observations	
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670		Fixação frontal Frontal fixation Fijación frontal Cremone avec fixation frontal	



9750

Linha Millennium

Puxador para 570 / 580 Handle for 570 / 580
Tirador para 570 / 580 Poignée pour 570 / 580



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



Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 50 unidades. 750 grs. Box. with 50 units. 750 grs. Caja con 50 unidad. 750 grs. Boîte avec 50 unités. 750 grs.	Nylon reforçado com fibra vidro Nylon reinforced with fibreglass Nylon reforzado con fibra de vidrio Nylon renforcé avec fibre de verre	Parafusos Ø4,2x22 zincados Zinc steel screws Ø4,2x22 Tornillos de acero zinc Ø4,2x22 Vis en acier zinc Ø4,2x22	Preto natural Natural black Negro natural Noir naturelle
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Punho em alum. e cremone não incl. Alum.handle and cremona not incl. Tirador (alum.) y cremona no incl. Cremone et poignée en alum. pas compris		

ALPHA 



Reflex Plus



440

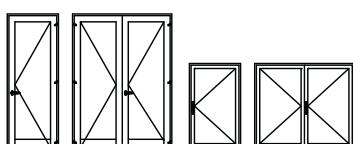
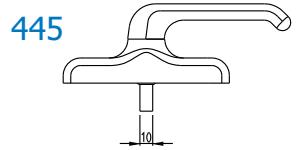
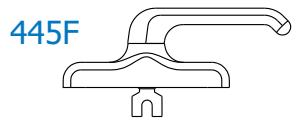
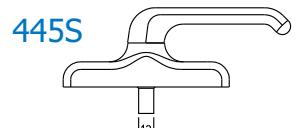
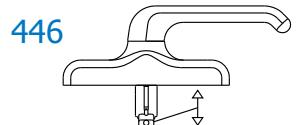
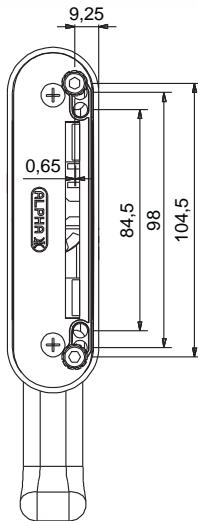
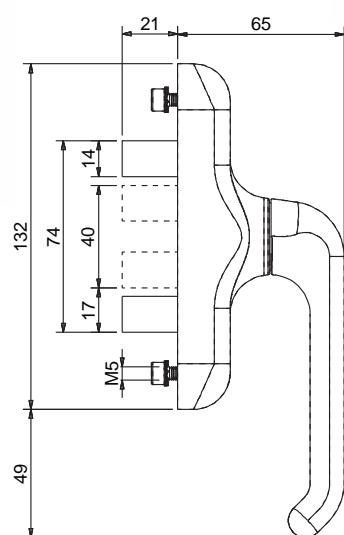
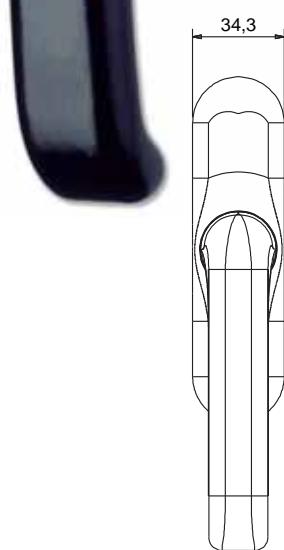
Cremone rotativa p/ câmara europeia. Fixação euro/ Rotative cremona for E. G. series
Cremona rotativa p/ camara europea / Cremona d'ouverture française pour C.E.



Mod. Dep.



Reflex
Plus



Embalagem # Packaging # Empaque # Emballage

Caixas com 8 unidades. 4125 grs.

Box with 8 units. 4125 grs.

Caja con 8 unidades. 4125 grs.

Boîte avec 8 pieces. 4125 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Aluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos em aço inox (incluídos)

Unbrako stainless steel screws (included)

Tornillos unbrako de acero inox (incluidos)

Vis unbrako acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

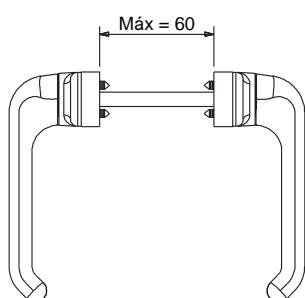
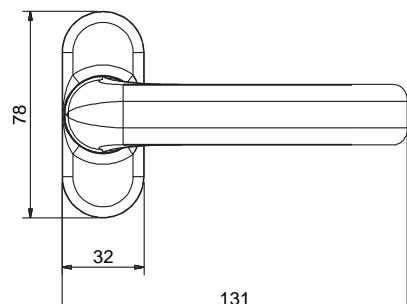
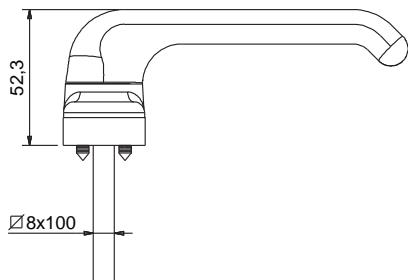
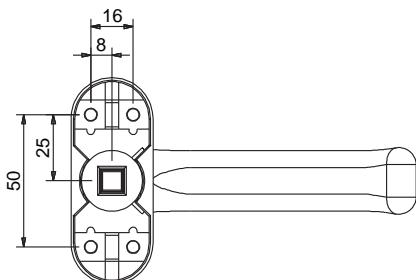
Fixação posterior própria para series de câmara europeia.

Rotative and reversible cremona with fixation on the back.

Cremona rotativa reversible con fijacion posterior para series de camara europea

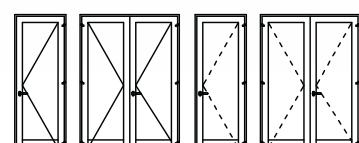
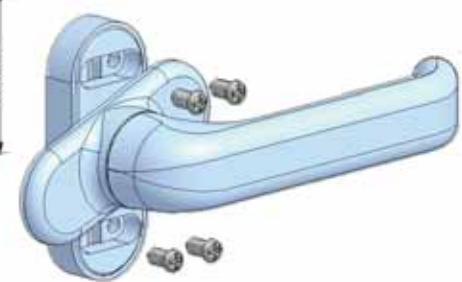
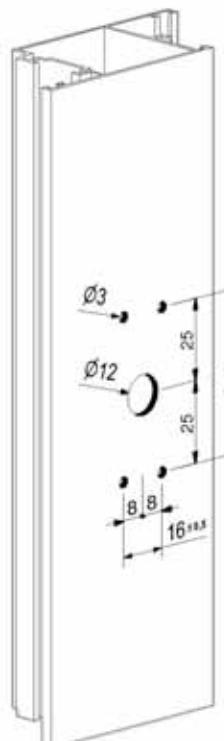
Cremona d'ouverture française pour C.E. avec fixation postérieure





Mod. Dep.

Reflex+
Plus



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 6 pares. 3355 grs.
Box with 6 pairs. 3355 grs.
Caja con 6 pares. 3355 grs.
Boîte avec 6 paires. 3355 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak
Alluminium and zamak
Aluminio y zamak
Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)
Screws (included)
Tornillos (incluidos)
Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.
Powder painting.
Lacado.
Laqué.

Normas # Standard # Norma # Normatif

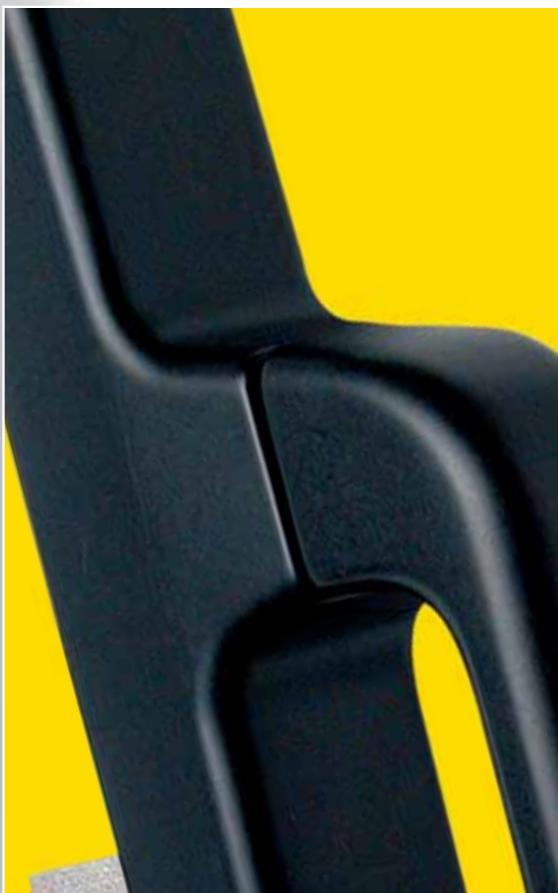
Norma EN 1670
Standard EN 1670
Norma EN 1670
Normatif EN 1670

Observações # Comments # Observaciones # Observations

Par de muletas com mola de recuperação para portas. Vergalhão quadrado de 8mm incluídos.
Double spring-loaded handle for doors 8mm square included.
Manilla con muelle de recuperacion para puertas. Cuadrillo de 8mm incluidos.
Béquille aux pairs. Barreau de 8mm compris.

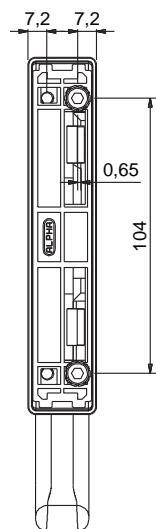
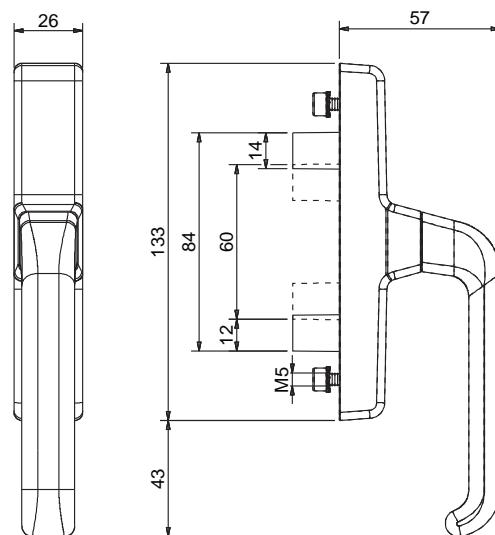
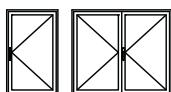
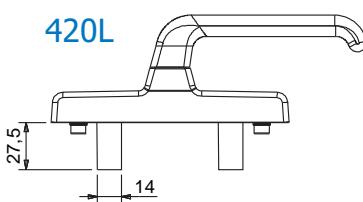
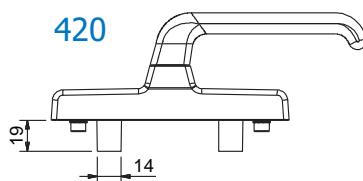
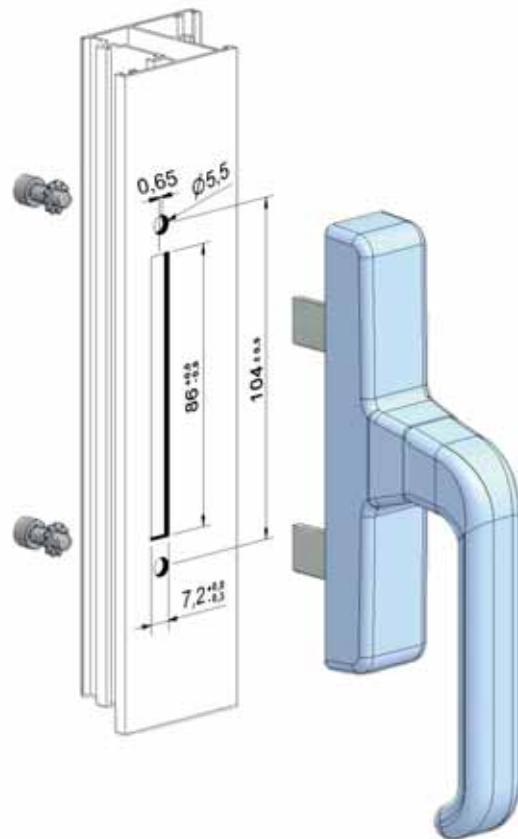


ALPHA

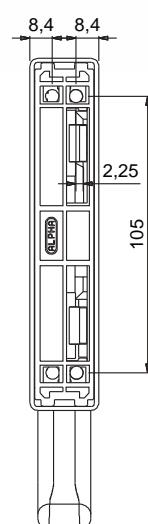
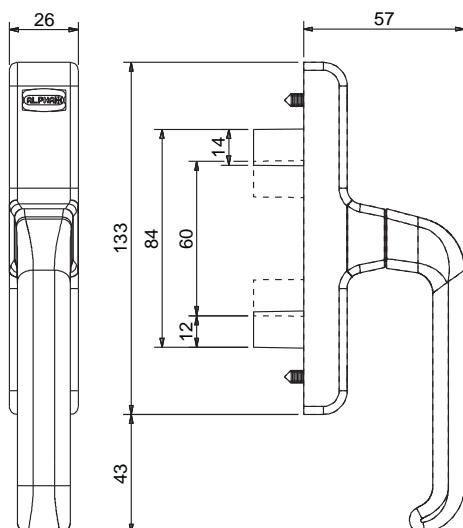
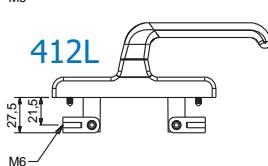
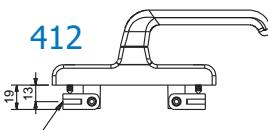
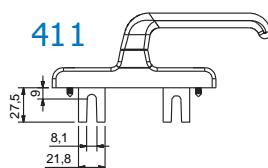
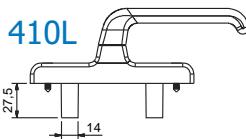
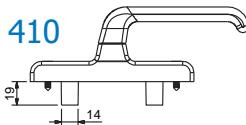
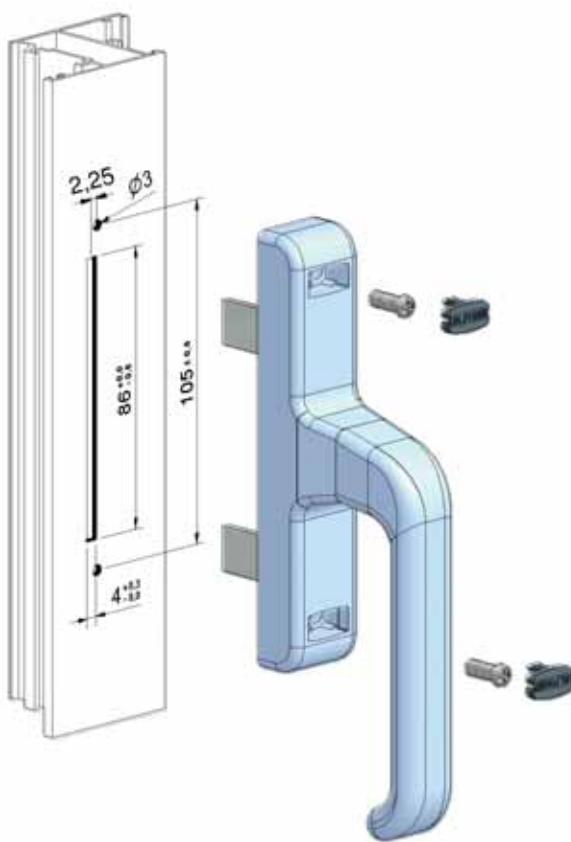


420

Cremone rotativa (fixação euro) / Rotative cremona (fixation on the back)
 Cremona rotativa (fijacion posterior) / Cremone rotatif (fixage postérieur)



Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades. 3440 grs. Box with 10 units 3440 grs. Caja con 10 unidad. 3440 grs. Boîte avec 10 unités. 3440 grs.	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos unbrako em aço inox (incluídos) Stainless steel screws (included). Tornillos de acero inox (incluidos) Vis acier inox (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Fixação posterior própria para series de câmara europeia. Rotative and reversible cremona with fixation on the back. Cremona rotativa reversible con fijacion posterior para series de camara europea Cremone d'ouverture française pour C.E. avec fixation postérieure		



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 10 unidades. 3335 grs.

Box with 10 units 3335 grs.

Caja con 10 unidad. 3335 grs.

Boîte avec 10 unités. 3335 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included).

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Fixação frontal.

Frontal fixation.

Fijación frontal

Fixation frontal.

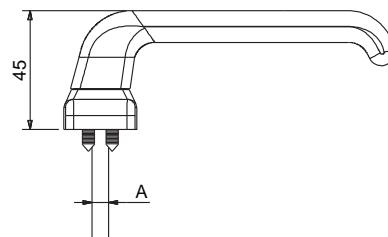
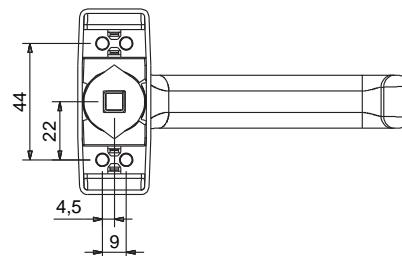
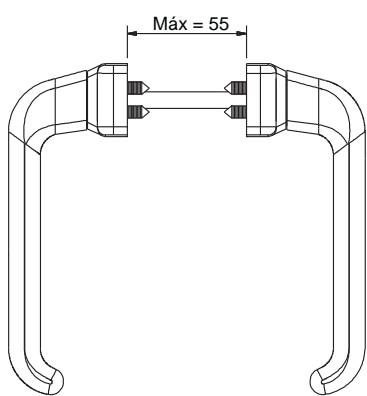
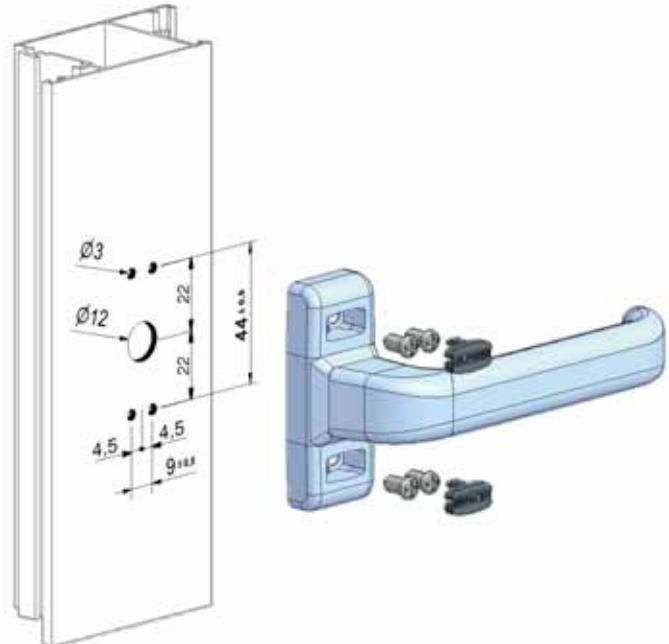


305

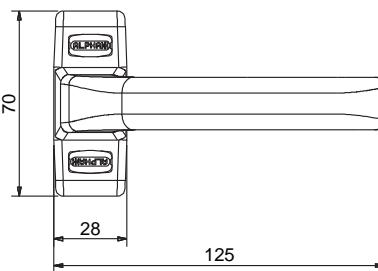
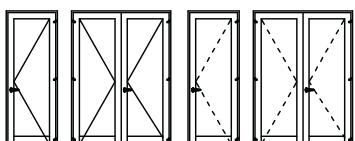
Muleta com mola de recuperação / Spring-loaded handle for doors
Manilla con muelle de recuperacion para puertas / Béquille avec ressort de récupération pour portes



Mod. Dep.



Ref:	A
305	<input checked="" type="checkbox"/> 1/4"x80
305E	<input checked="" type="checkbox"/> 8x80



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 6 pares. 2275 grs.

Box with 6 pairs 2275 grs.

Caja con 6 pares. 2275 grs.

Boîte avec 6 paires unités. 2275 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included).

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Vergalhão quadrado de 6,35 mm (incluído)

8mm square 6,35 mm (included)

Cuadrátillo de 6,35 mm

Barreau de 6,35 mm (compris).

Vergalhão quadrado de 8 mm (incluído)

8 mm square (included)

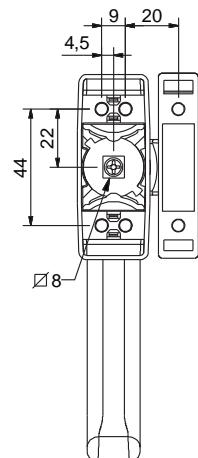
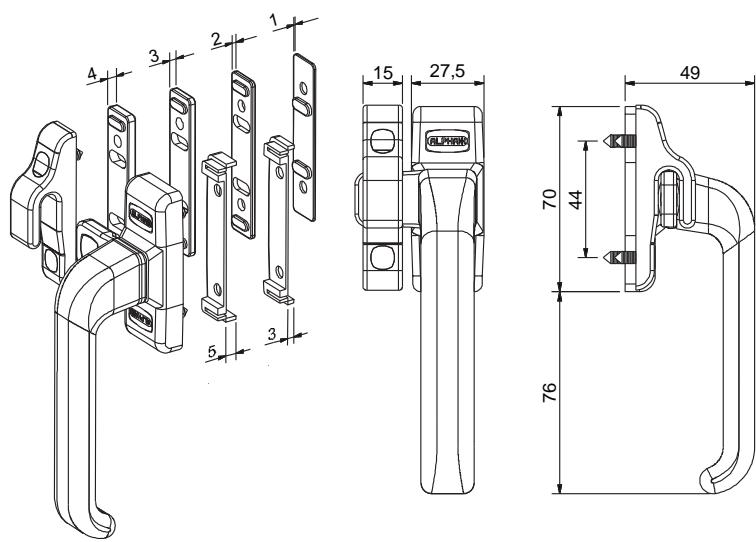
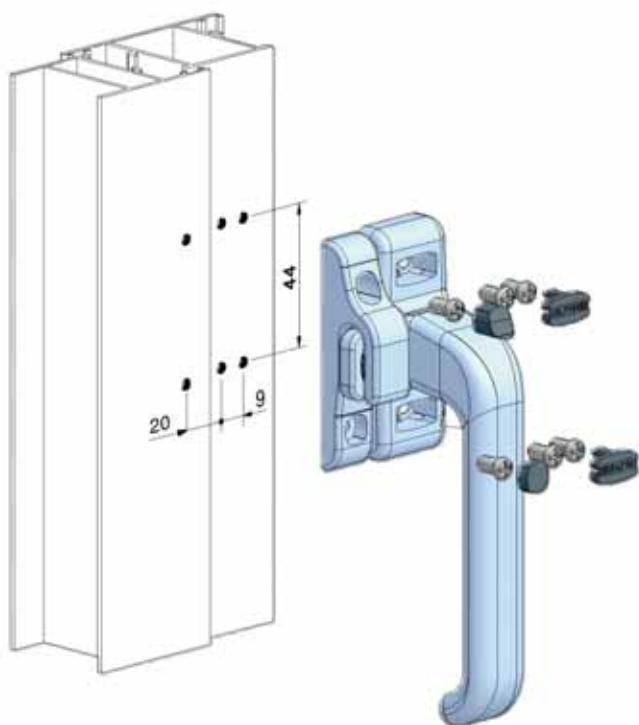
Cuadrátillo de 8 mm

Barreau de 8 mm (compris).

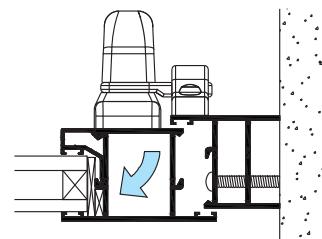
305

305E

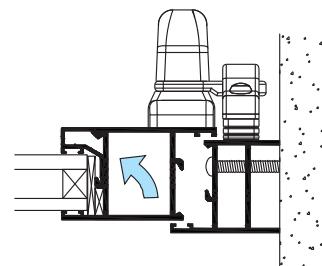




Abertura para exterior



Abertura para interior



Embalagem # Packaging # Empaquetado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades. 2590 grs	Alumínio e zamak	Parafusos (incluídos)	Lacado.
Box with 10 units 2590 grs	Alluminium and zamak	Screws (included).	Powder painting.
Caja con 10 unidad 2590 grs	Aluminio y zamak	Tornillos (incluidos)	Lacado.
Boîte avec 10 unités 2590 grs	Aluminium et zamak	Vis (compris)	Laqué.

Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations
Norma EN 1670	Fixação frontal. Calços de nylon com 1mm, 2mm, 3mm, 4mm.
Standard EN 1670	Frontal fixation. Nylon alignment elements with 1mm, 2mm, 3mm, 4mm.
Norma EN 1670	Fijación frontal. Suplementos de nylon con 1mm, 2mm, 3mm, 4mm.
Normatif EN 1670	Fixation frontal. Cales de nylon avec 1mm, 2mm, 3mm, 4mm.

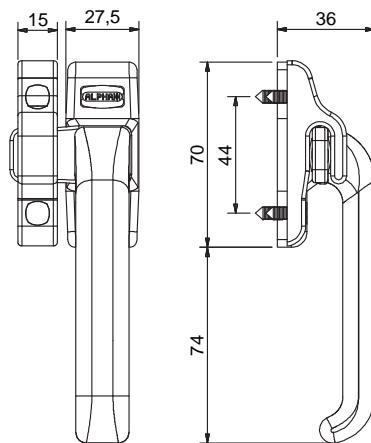
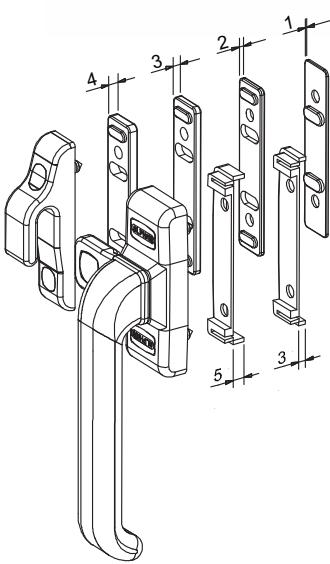
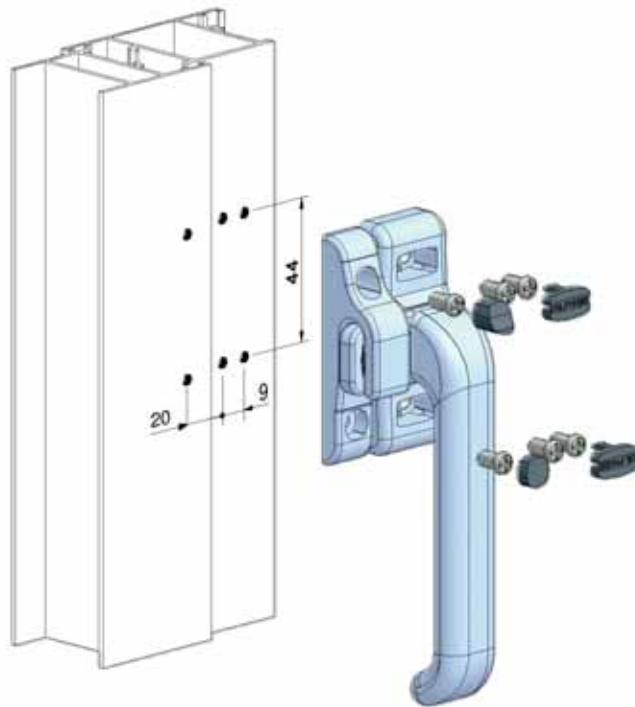


437

Cremone baixa reversível de lingueta / Slim reversible closing handle
Cierre de presion baja / Poignée bateuse basse

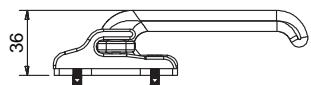
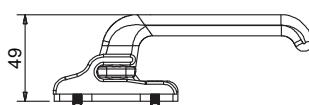


Mod. Dep.



407

437



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 10 unidades, 2465 grs.

Box with 10 units, 2465 grs.

Caja con 10 unidad., 2465 grs.

Boîte avec 10 unités, 2465 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included).

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

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

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

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

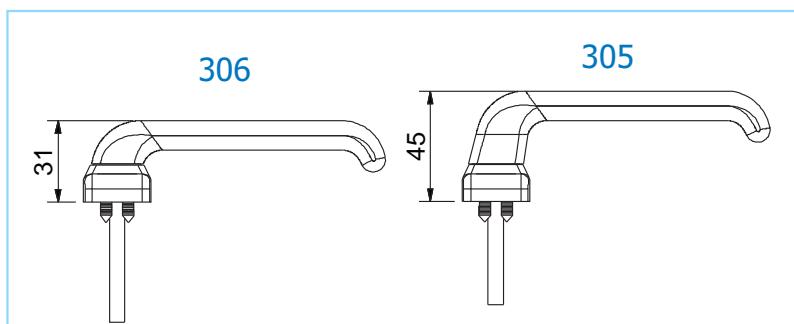
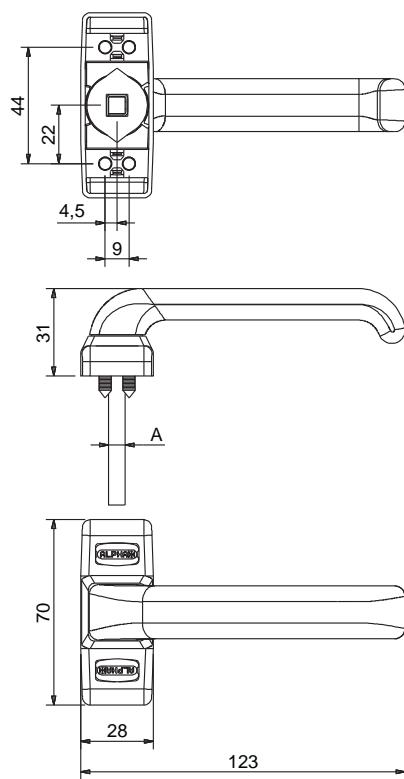
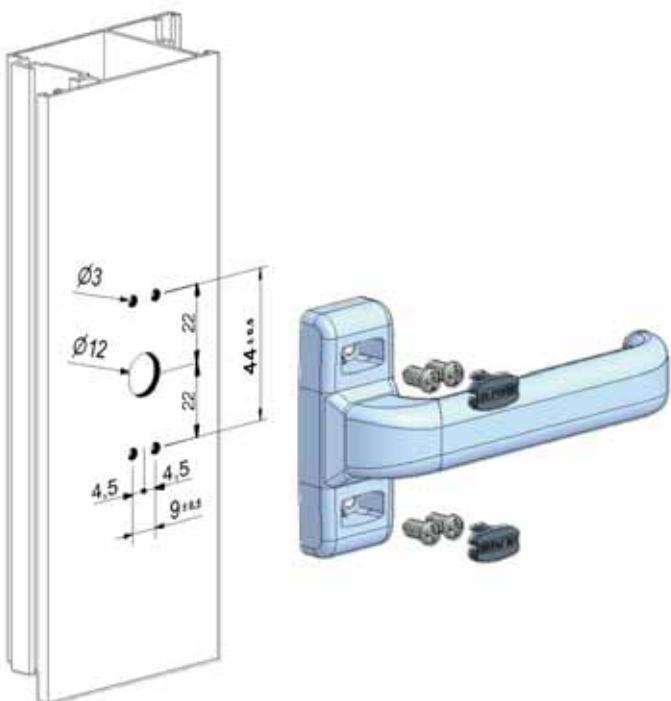
Fixation frontal. Cales de nylon avec 1mm, 2mm, 3mm, 4mm.



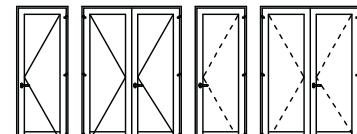
Muleta baixa com mola de recuperação / **Slim** Spring-loaded handle for doors

Manilla baja con muelle de recuperacion para puertas / Béquille basse avec ressort de récupération pour portes

306



Ref:	A
306	<input checked="" type="checkbox"/> 1/4" x 80
306E	<input checked="" type="checkbox"/> 8x80



Embalagem # Packaging # Empaquetado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 6 pares. 2275 grs.	Alumínio e zamak	Parafusos (incluídos)	Lacado.
Box with 6 pairs 2275 grs.	Alluminium and zamak	Screws (included).	Powder painting.
Caja con 6 pares. 2275 grs.	Aluminio y zamak	Tornillos (incluidos)	Lacado.
Boîte avec 6 paires unités. 2275 grs.	Aluminium et zamak	Vis (compris)	Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670	Vergalhão quadrado de 6,35 mm (incluído)	306E	Vergalhão quadrado de 8 mm (incluído)
Standard EN 1670	8mm square 6,35 mm (included)		8 mm square (included)
Norma EN 1670	Cuadrátillo de 6,35 mm		Cuadrátillo de 8 mm
Normatif EN 1670	Barreau de 6,35 mm (compris).		Barreau de 8 mm (compris).

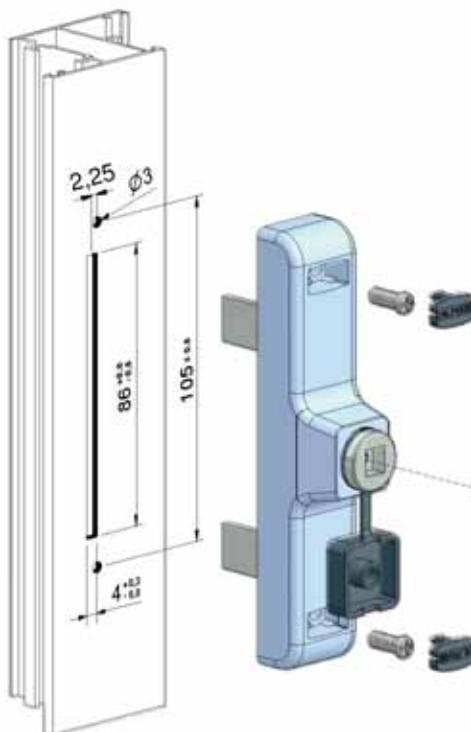


470

Cremone de segurança s/ punho / Security cremona (without handle)
 Cremona rotativa sin maneta / Cremona d'ouverture française sans poignée

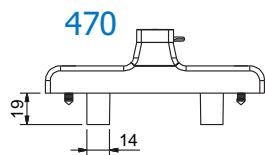


Mod. Dep.

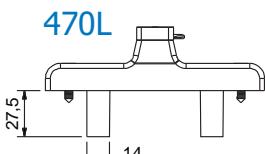


47P

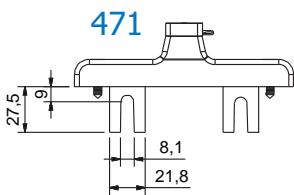
Ver pág. 46
 See pág. 46
 Ver pág. 46
 Voir pág. 46



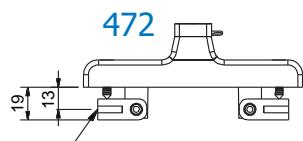
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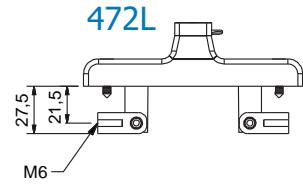
470L



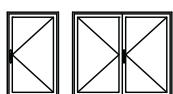
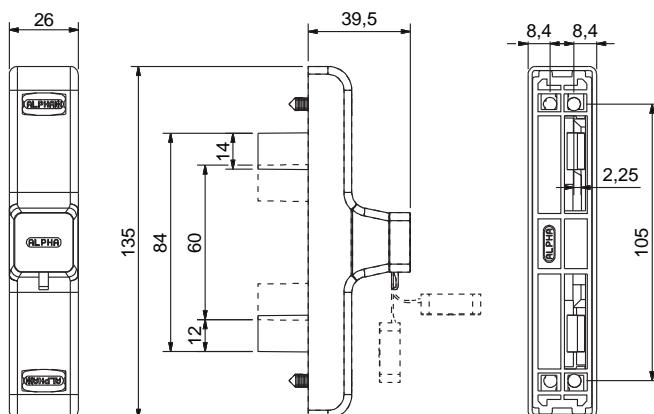
471



472



472L



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 10 unidades, 2585 grs.

Box with 10 units, 2585 grs.

Caja con 10 unidad., 2585 grs.

Boîte avec 10 unités, 2585 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Galvanized (included).

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

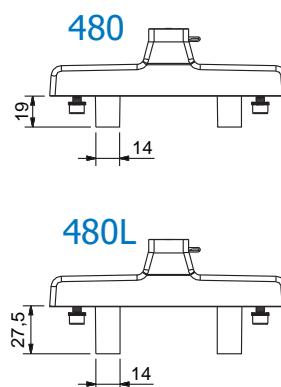
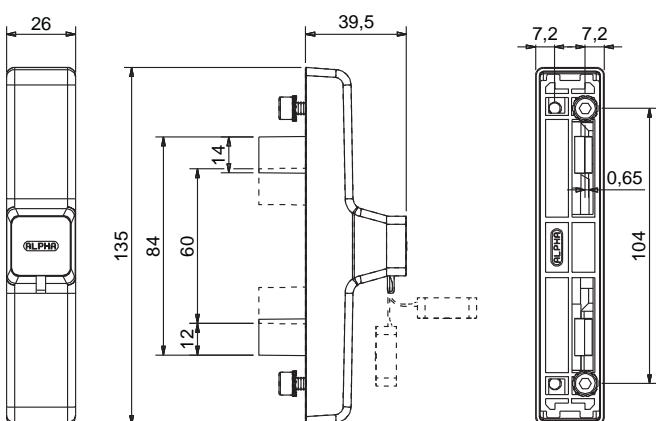
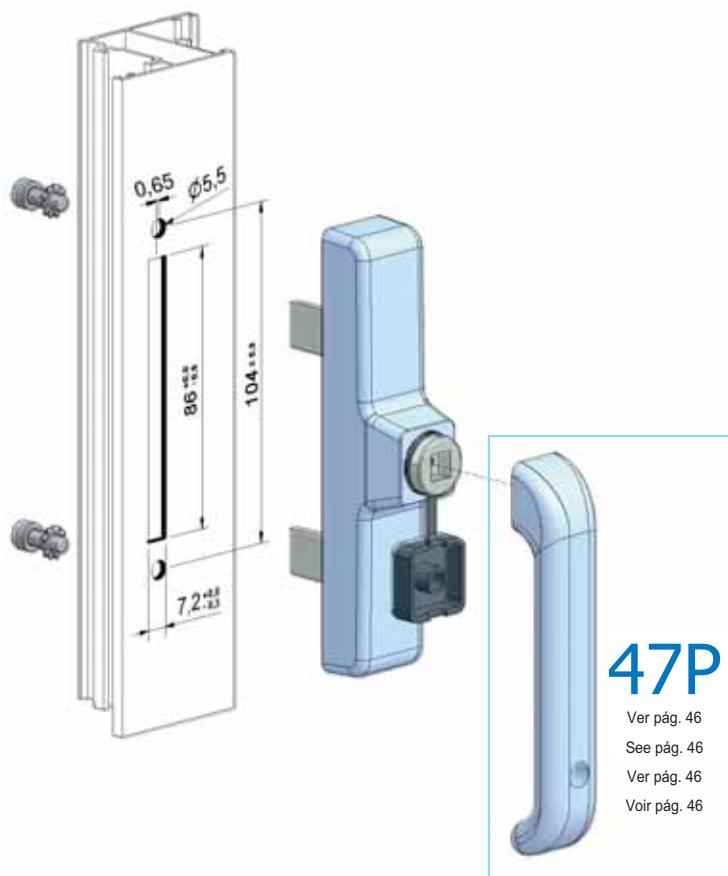
Fixação frontal

Frontal fixation

Fijación frontal

Fixation frontal

RAI



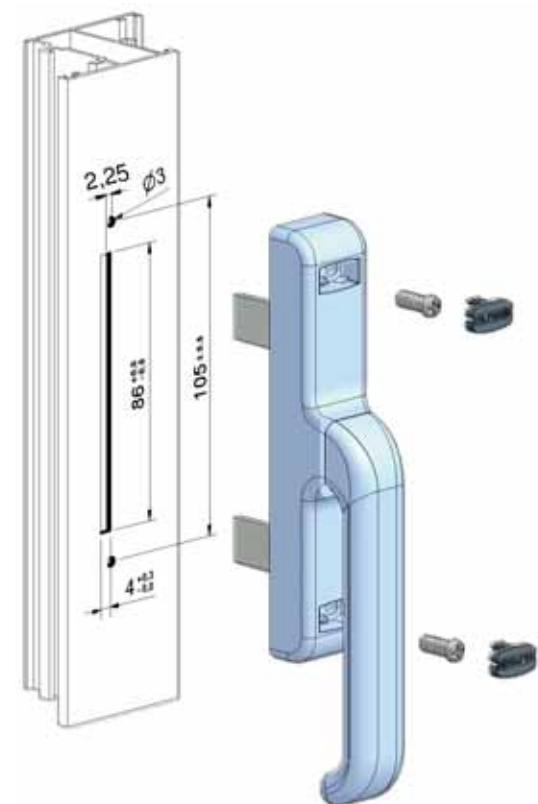
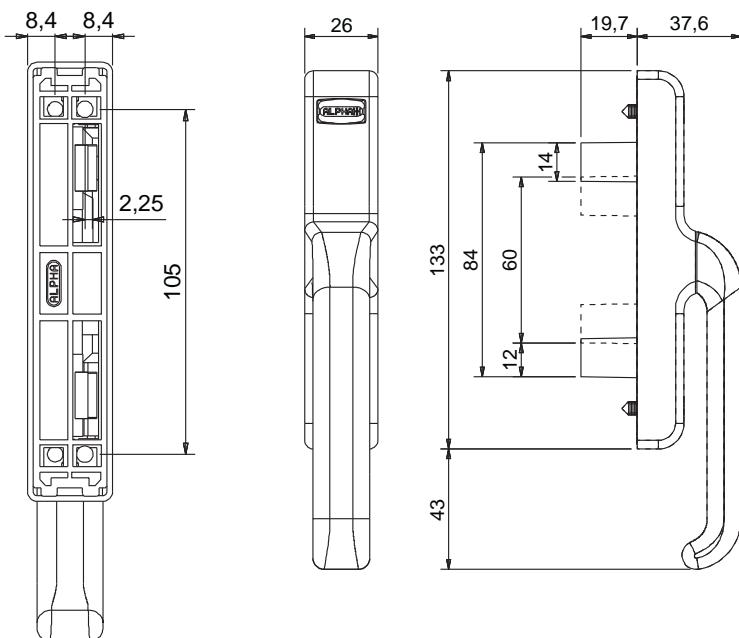
Embalagem # Packaging # Empaquetado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades, 2750 grs. Box with 10 units, 2750 grs. Caja con 10 unidad., 2750 grs. Boîte avec 10 unités, 2750 grs.	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos unbrako em aço inox (incluídos) Stainless steel screws (included). Tornillos de acero inox (incluidos) Vis acier inox (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif		Observações # Comments # Observaciones # Observations	
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670		Fixação posterior própria para series de câmara europeia. Rotative and reversible cremona with fixation on the back. Cremona rotativa reversible con fijacion posterior para series de cámara europea Cremone d'ouverture française pour C.E. avec fixation postérieure	

430

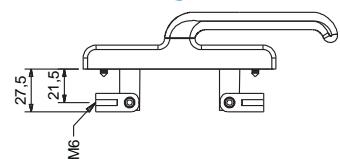
Cremone rotativa baixa / Slim rotative cremona
 Cremona rotativa baja / Cremone rotatif plus basse



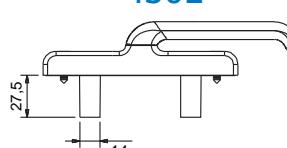
Mod. Dep.



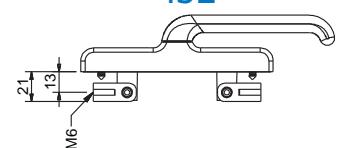
432L



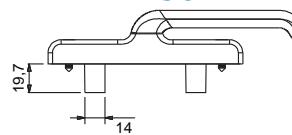
430L



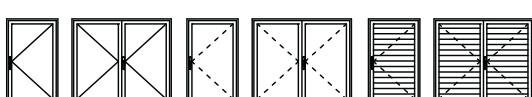
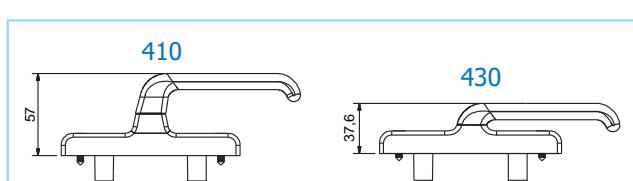
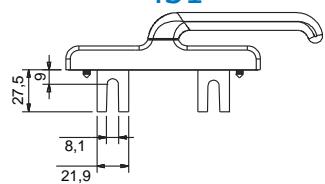
432



430



431

**Embalagem # Packaging # Empaqueado # Emballage**

Caixas com 10 unidades. 2855 grs.

10 units per box. 2855 grs.

Caja con 10 unidad. 2855 grs.

Boîte avec 10 unités. 2855 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included).

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670, 13126-8

Standard EN 1670, 13126-8

Norma EN 1670, 13126-8

Normatif EN 1670, 13126-8

Observações # Comments # Observaciones # Observations

Fixação frontal

Frontal fixation

Fijación frontal

Fixation frontal



ALPHA®



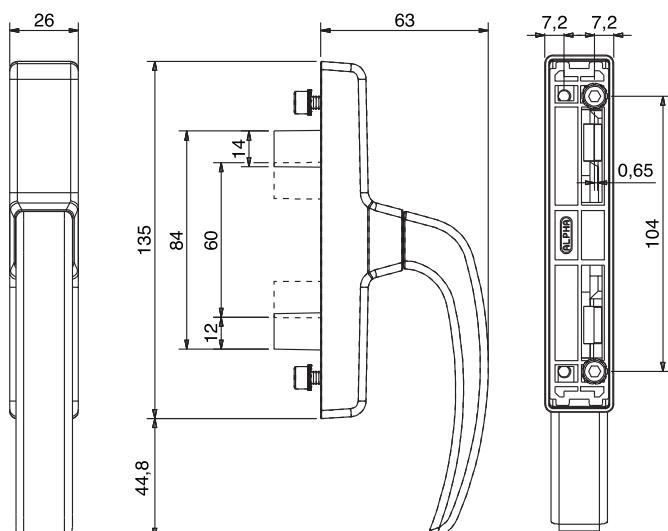
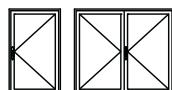
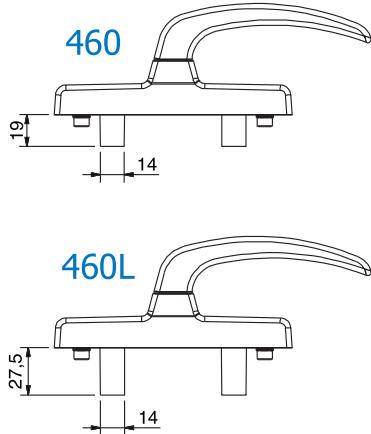
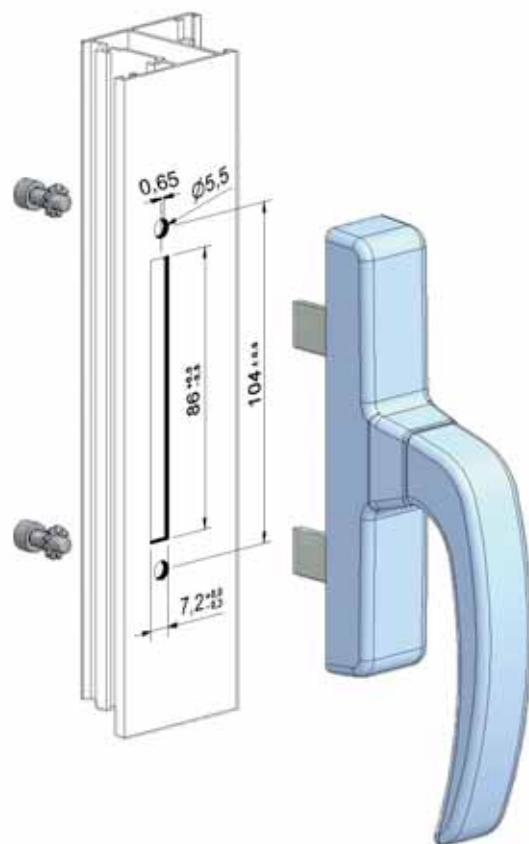
Linha Curva

460

Cremone rotativa p/ câmara europeia. Fixação euro/ Rotative cremona for E. G. series
 Cremona rotativa p/ camara europea / Cremone d'ouverture française pour C.E.



Mod. Dep.



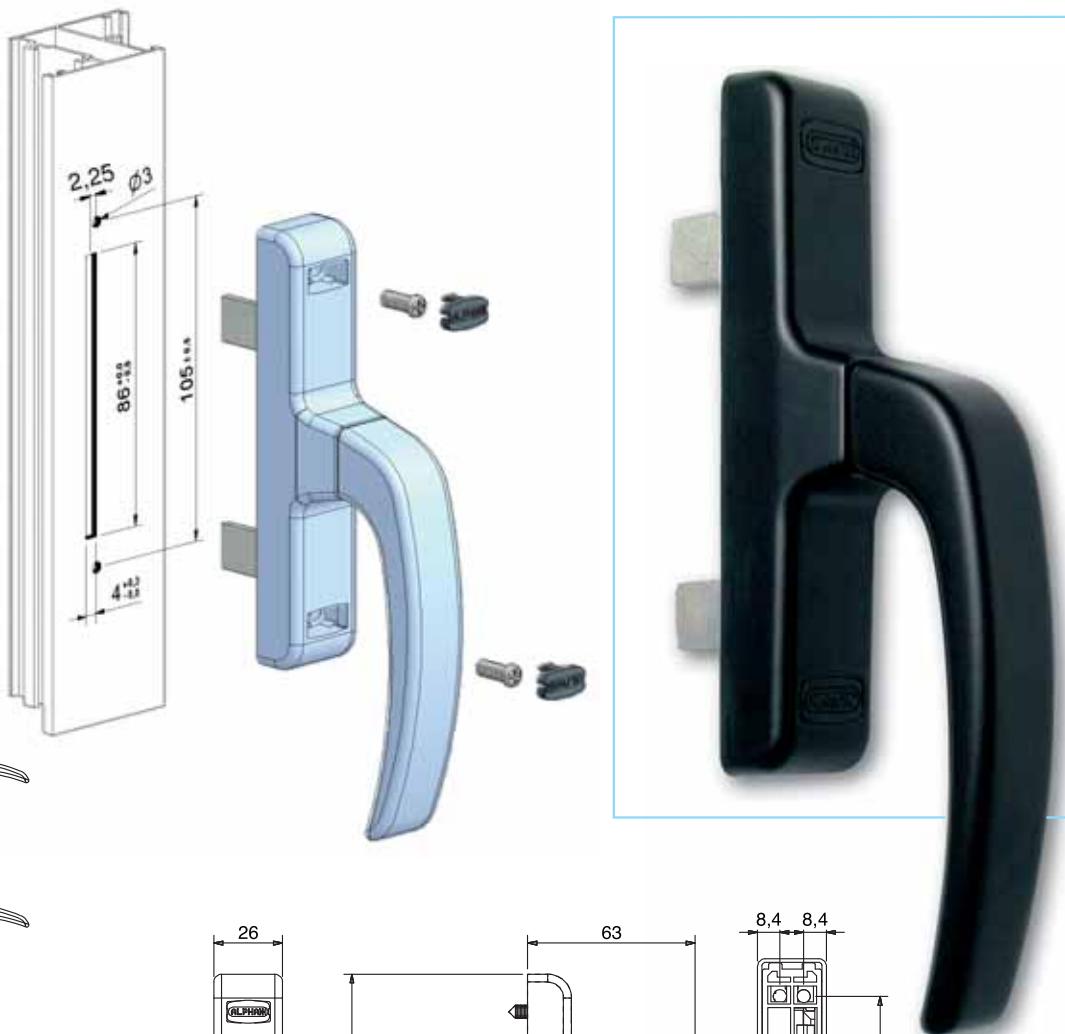
Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 10 unidades, 3510 grs. Box with 10 units, 3510 grs. Caja con 10 unidad, 3510 grs. Boîte avec 10 unités, 3510 grs.	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos unbraco em aço inox (incluídos) Stainless steel screws (included). Tornillos de acero inox (incluidos) Vis acier inox (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Fixação posterior Fixation on the back Fijación posterior Fixation postérieure		



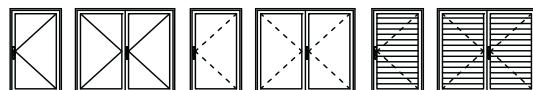
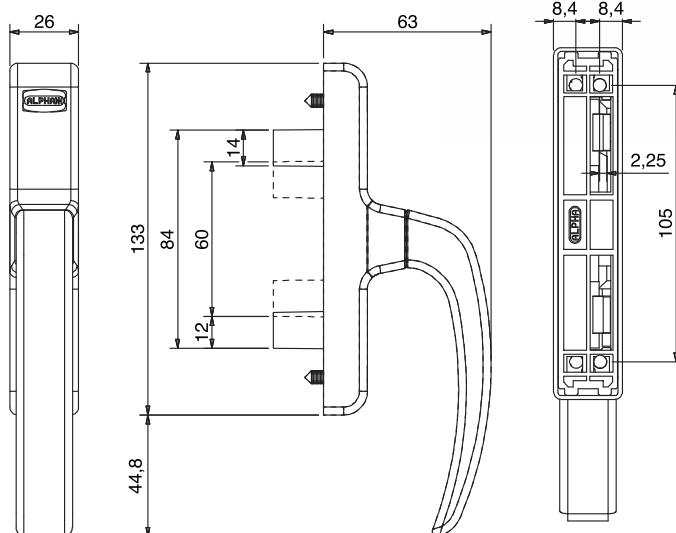
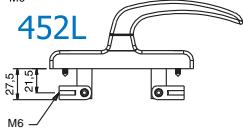
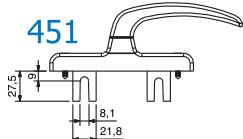
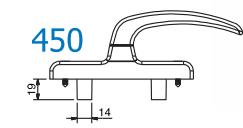
Linha Curva

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

450



Mod. Dep.



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 10 unidades, 3385 grs.

Box with 10 units, 3385 grs.

Caja con 10 unidad, 3385 grs.

Boîte avec 10 unités, 3385 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included).

Acero inox (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Fixação frontal

Frontal fixation

Fijación frontal

Fixation frontale

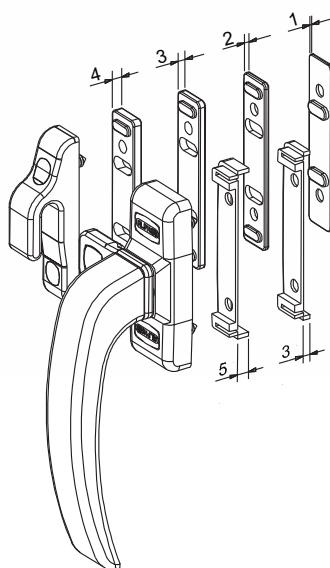
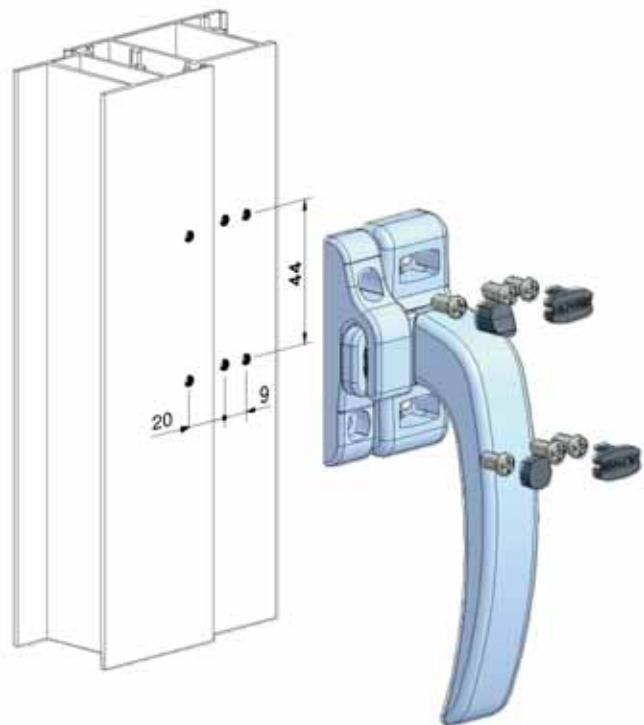


417

Cremone reversível de lingueta / Reversible closing handle
Cierre de presión / Poignées bateuse

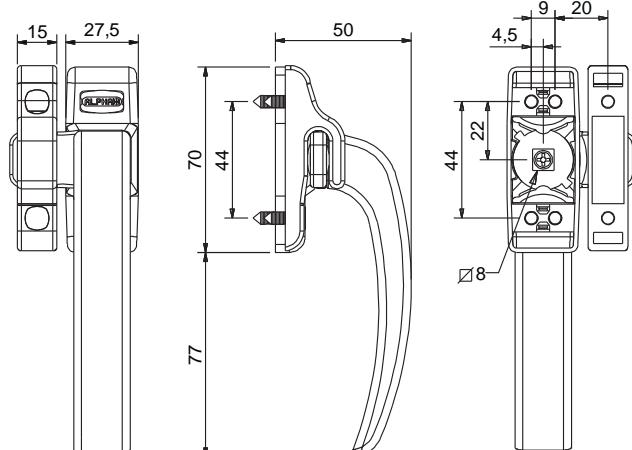
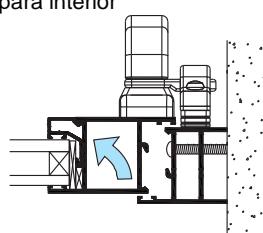
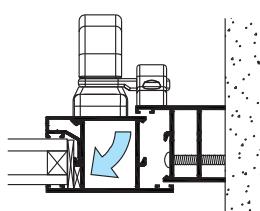


Mod. Dep.



Abertura para exterior

Abertura para interior



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 10 unidades. 2585 grs.

Box with 10 units. 2585 grs.

Caja con 10 unidad.. 2585 grs.

Boîte avec 10 unités. 2585 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zama

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included).

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

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

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

Fijacion frontal. Cuños de nylon con 1,2mm, 2mm, 3mm, 4mm.

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

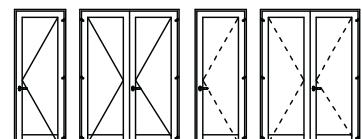
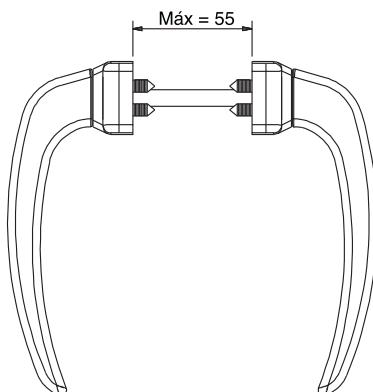
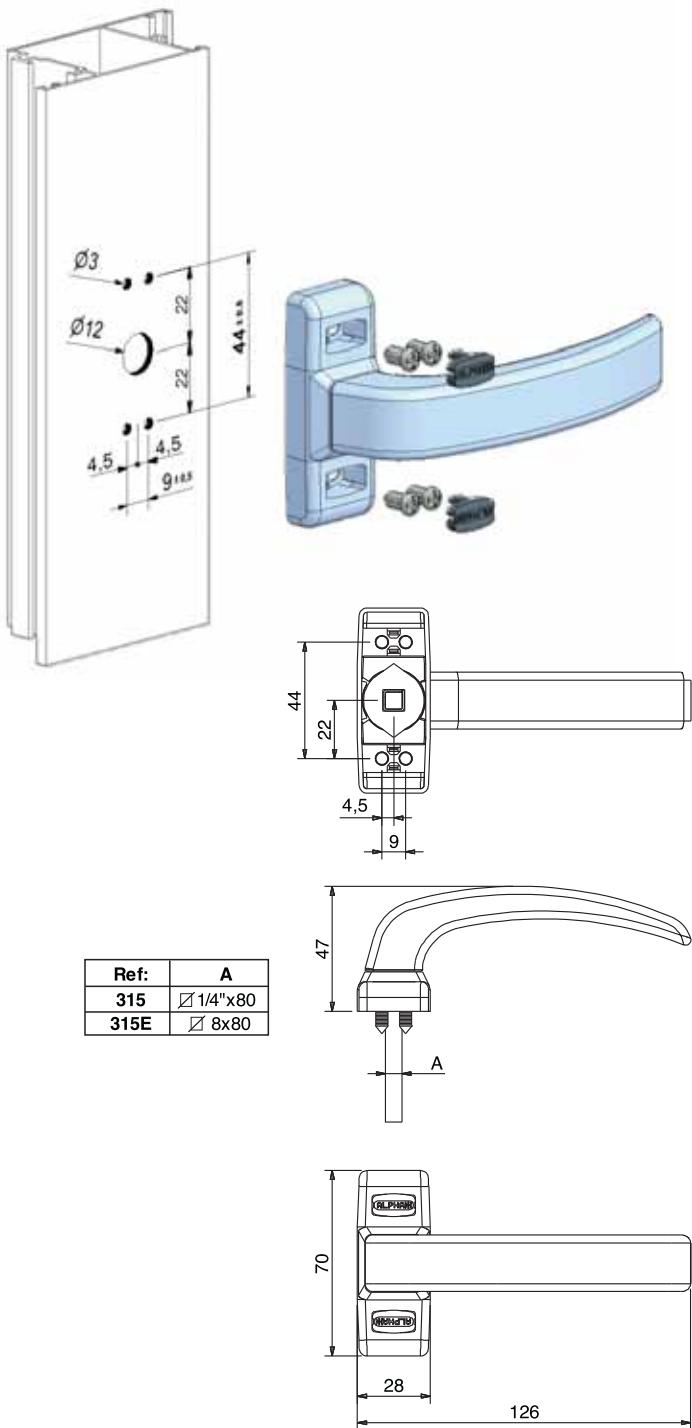


Linha Curva

Muleta com mola de recuperação / Spring-loaded handle for doors

Manilla con muelle de recuperacion para puertas / Béquille avec ressort de récupération pour portes

315



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 6 pares. 2260 grs.

Box with 6 pairs. 2260 grs.

Caja con 6 pares. 2260 grs.

Boite avec 6 paires unités. 2260 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminium and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included).

Tornillos (incluidos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Vergalhão quadrado de 6,35 mm (incluído)

6,35 mm square (included)

Cuadradillo de 6,35 mm

Barreau de 6,35 mm (compris).

Vergalhão quadrado de 8 mm (incluído)

8 mm square (included)

Cuadradillo de 8 mm

Barreau de 8 mm (compris).

315

315E



ALPHA®



Fechos / Locks / Cierres / Ferrures
Compassos / Arms / Compás / Compas

509R

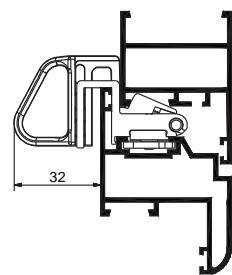
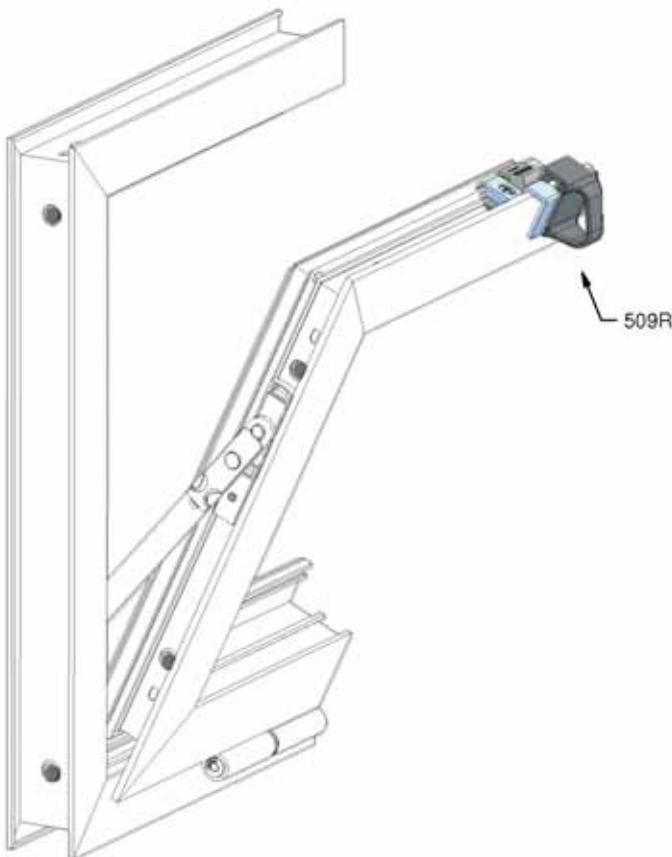
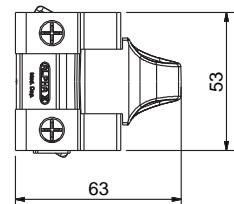
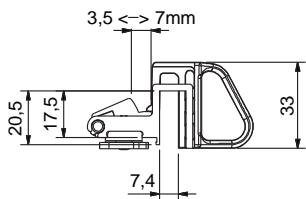
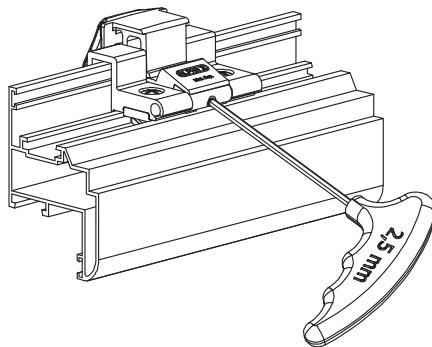
Fechos/Locks/Cierres/Ferrures

Fecho de bandeira / Catch for european chambers

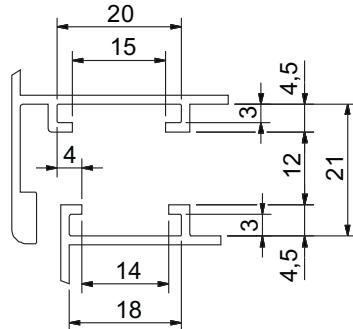
Golpete para C.E. / Loqueteau pour C.E.



Mod. Dep.



EUROGROOVE PROFILE
CÂMARA EUROPEIA



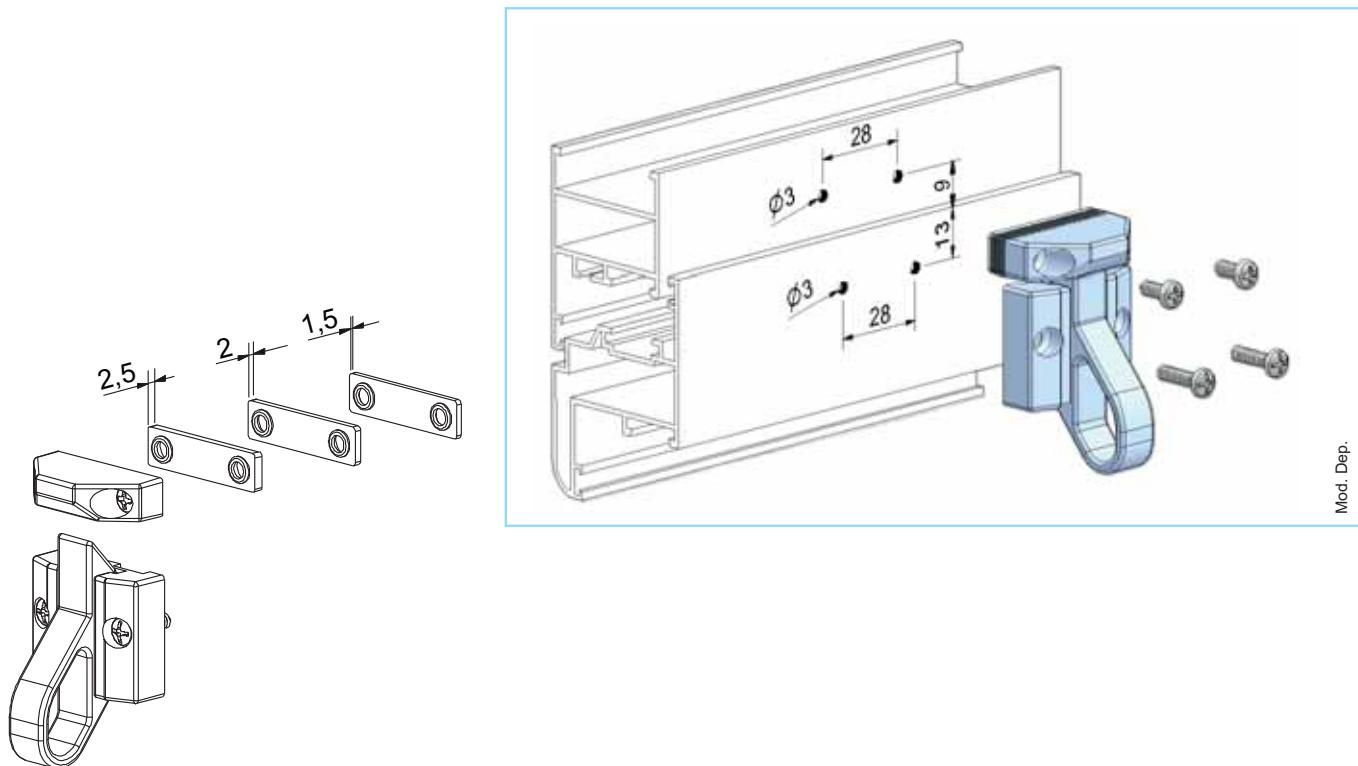
Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 25 unidades, 2180 grs. Box with 25 units, 2180 grs. Caja con 25 unidad, 2180 grs. Boîte avec 25 unités, 2180 grs.	Perfil de alumínio e zamak Die casting Alluminiun and zamak Aluminio y zamak de inyección Aluminium et zamak injecté	Parafusos unbraco em aço inox (incluídos) Stainless steel screws (included) Tornillos de acero inox (incluidos) Vis acier inox (compris)	Lacado. Powder painting. Lacado. Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Adapta-se a todo o tipo de janelas It is compatible with all kind of windows Se adapta a todo tipo de ventanas practicables normales Adaptable à toutes les variétés de fenêtres d'ouverture standard		



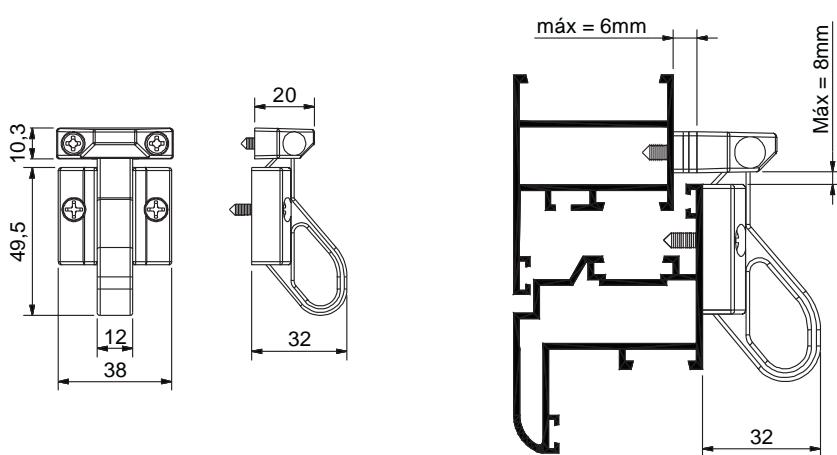
Fechos/Locks/Cierres/Ferrures

Fecho de bandeira em nylon / Nylon catch
Golpete de nylon / Loqueteau nylon

409



Mod. Dep.

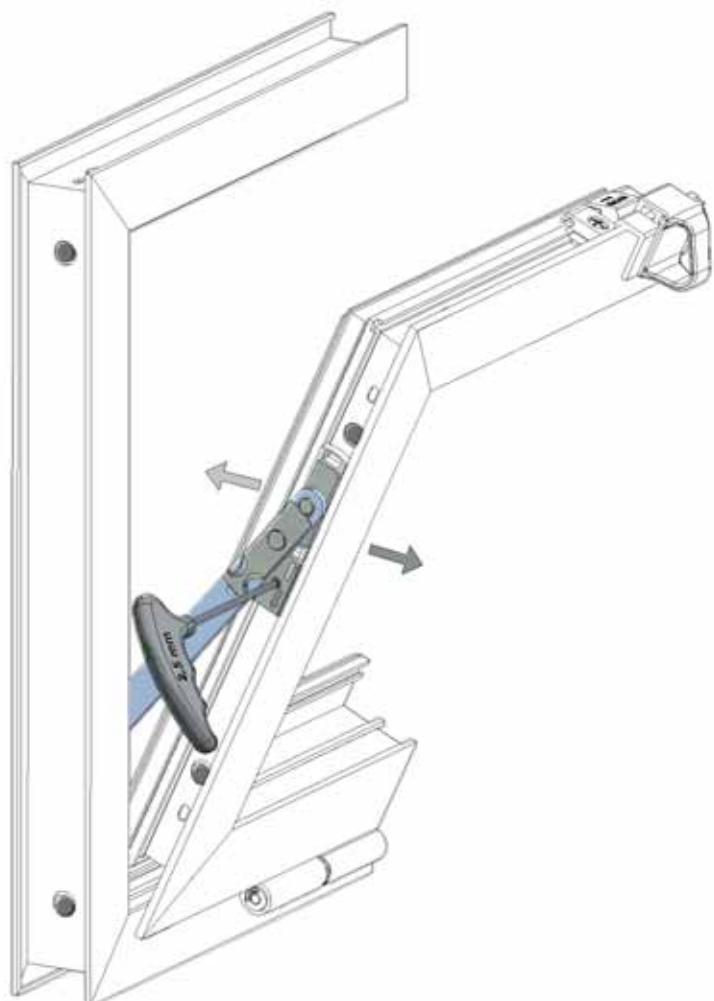
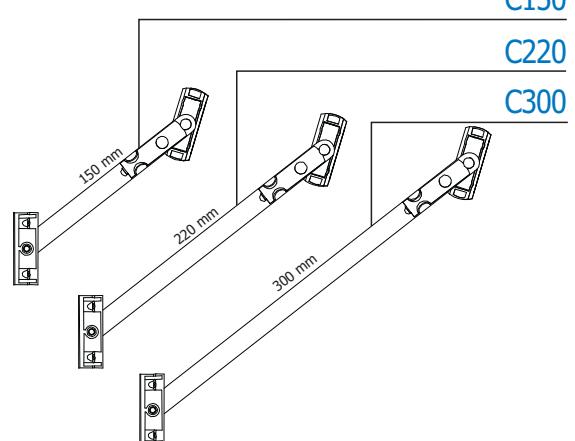


Embalagem # Packaging # Empaquetado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 50 unidades. 1540 grs. Box with 50 units. 1540 grs. Caja con 50 unidad. 1540 grs. Boîte avec 50 unités. 1540 grs.	Nylon Nylon Nylon Nylon	Parafusos incluídos Screws included Tornillos incluidos Vis compris	Preto / branco Black / white Negro / Blanco Noir / blanc
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Séries tradicionais Traditional series Serie tradicional Série traditionnelle		

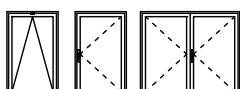
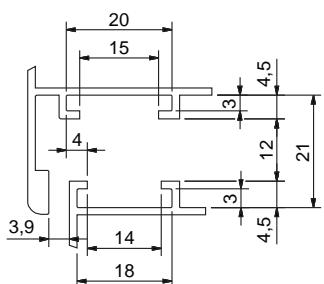
Compassos / Arms / Compás / Compas

Compasso basculante p/ séries C.E. / Arm for E.C.

Compás para C. E. / Compas pour C.E.



EUROGROOVE PROFILE
CAMARA EUROPEIA



Embalagem # Packaging # Empaqueado # Emballage

C 150 - 20 unid. 3355 grs. C 220 - 30 unid. 5490 grs. C 300 - 20 unid. 4135 grs.

C 150 - 20 units 3355 grs. C 220 - 30 units 5490 grs. C 300 - 20 units 4135 grs.

C 150 - 20 unid. 3355 grs. C 220 - 30 unid. 5490 grs. C 300 - 20 unid. 4135 grs.

C 150 - 20 unités 3355 grs. C 220 - 30 unités 5490 grs. C 300 - 20 unités 4135 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio, zamak e inox

Alluminium, zamak and stainless steel

Aluminio, zamak y inox

Aluminium, zamak et acier inox

Fixação # Fixing # Fijacion # Fixation

Pernos em aço inox (incluídos)

Stainless screws (included)

Tornillos unbrako de acero inox (incluidos)

Essieu acier (compris)

Normas # Standard # Norma # Normatif

Norma EN 1670, 13126-1

Standard EN 1670, 13126-1

Norma EN 1670, 13126-1

Normatif EN 1670, 13126-1

Observações # Comments # Observaciones # Observations

Adapta-se a todo o tipo de janelas

It is compatible with all kind of windows

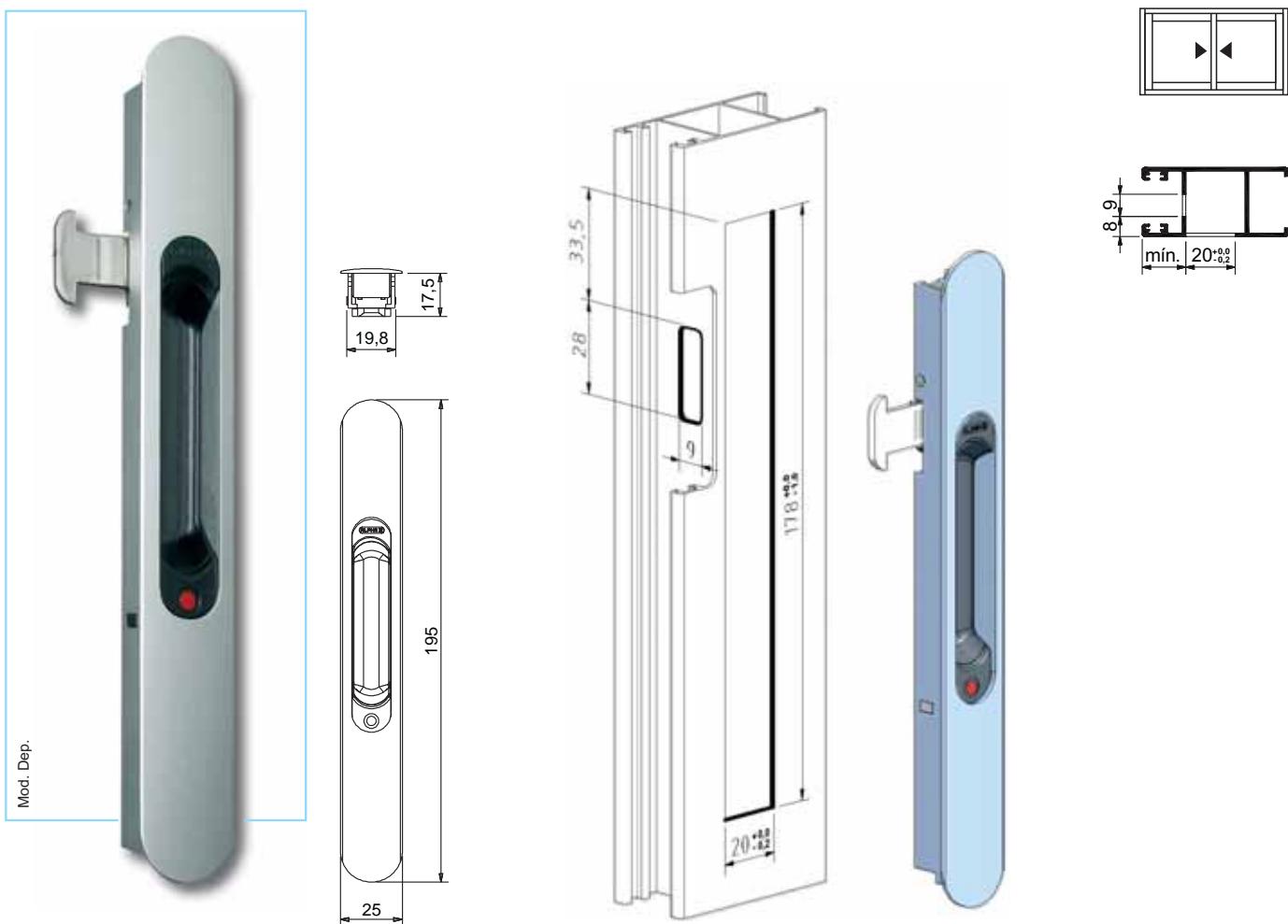
Se adapta a todo tipo de ventanas practicables normales

Adaptable à toutes les variétés de fenêtres d'ouverture standard

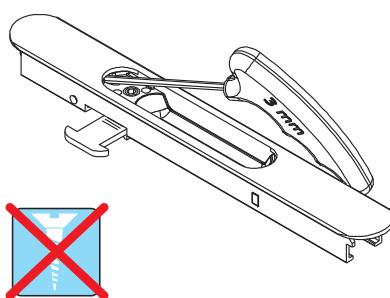
ALPHA®



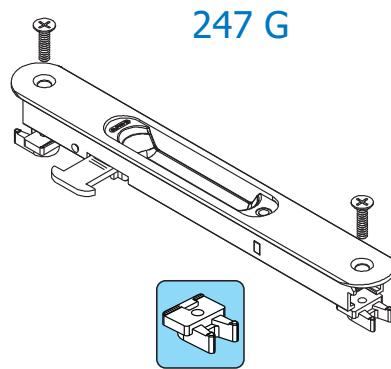
 **LinhaStar**



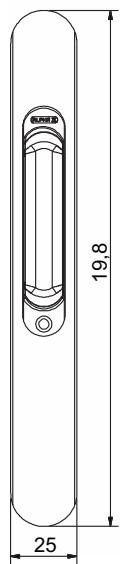
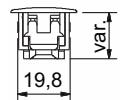
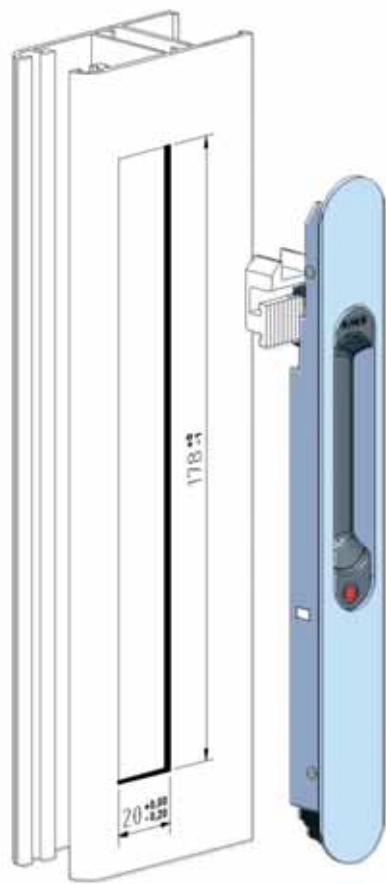
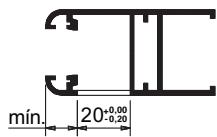
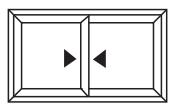
247 i



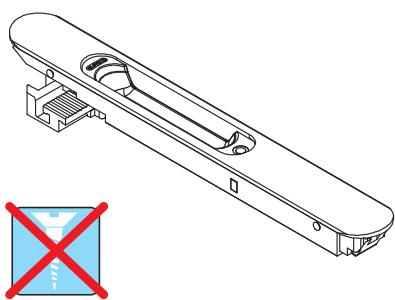
247 G



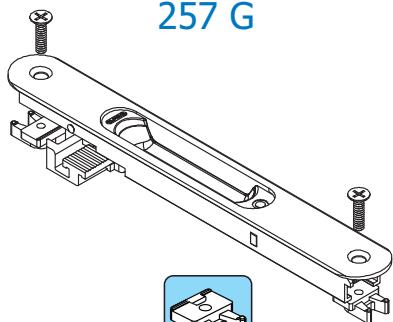
Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 25 unidades	Alumínio e zamak	Parafusos incluídos	Lacado e anodizado.
Box with 25 units	Aluminium and zamak	Screws included	Powder painting and hard anodized.
Caja con 25 unidades	Aluminio y zamak	Tornillos incluidos	Lacado y anodizado.
Boîte avec 25 pieces	Aluminum et zamak	Vis compris	Laqué et anodisé.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670, 13126-1	Fecho c/ recuperação manual ou automática (gancho não incluído).		
Standard EN 1670, 13126-1	Lock with manual or automatic recovery (hook not included).		
Norma EN 1670, 13126-1	Cierre con recuperación manual o automática (gancho no incluido).		
Normatif EN 1670, 13126-1	Fermeture avec reétablissement manuel ou automatique (crochet pas compris).		



257 i



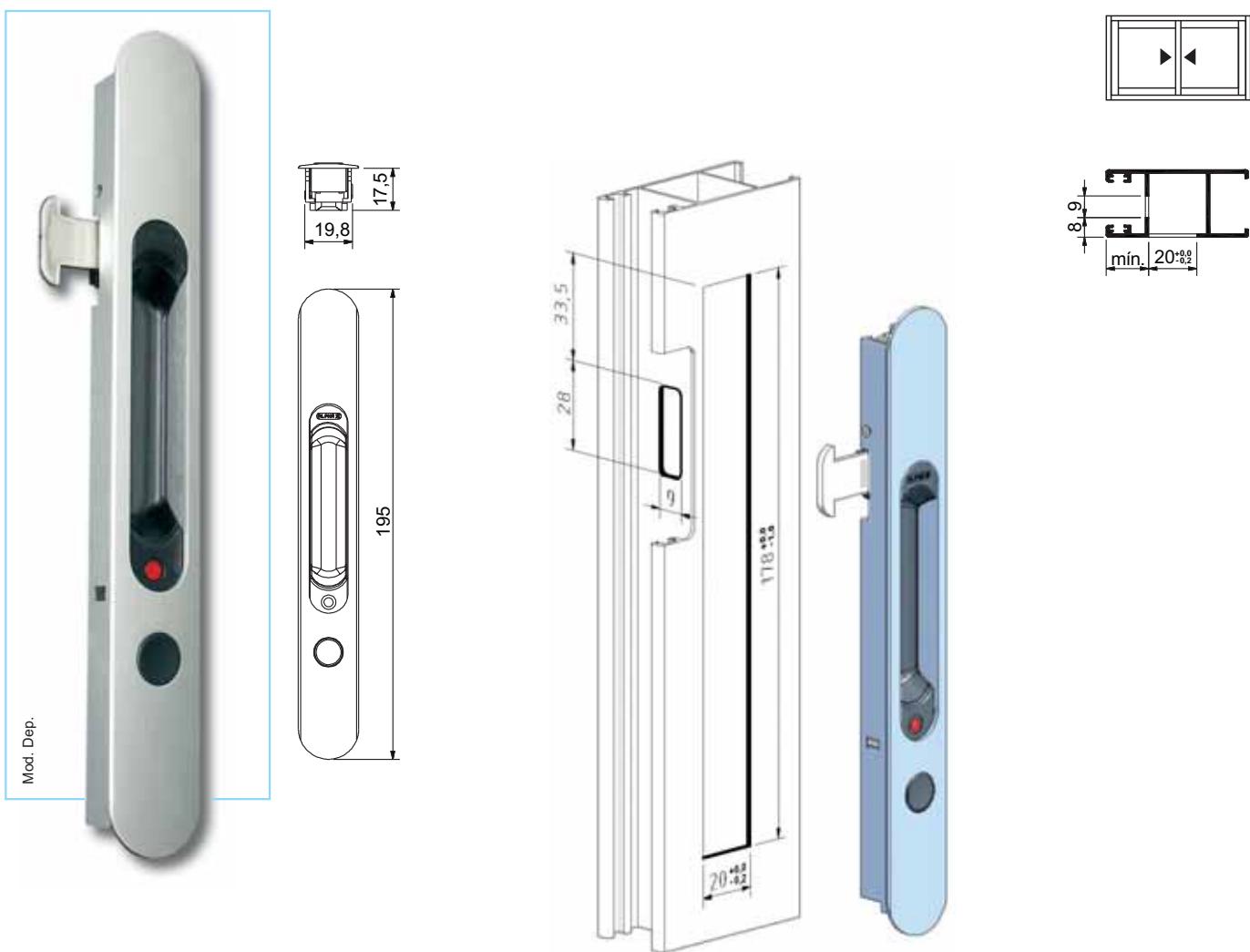
257 G



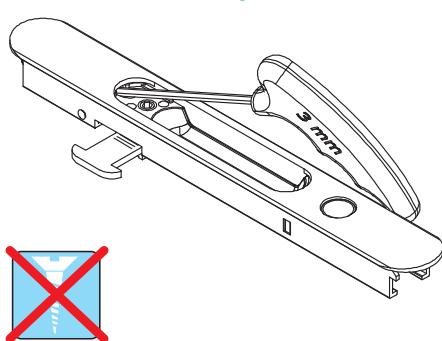
Embalagem # Packaging # Empaquetado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 25 unidades Box with 25 units Caja con 25 unidades Boîte avec 25 pieces	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos incluídos Screws included Tornillos incluidos Vis compris	Lacado e anodizado. Powder painting and hard anodized. Lacado y anodizado. Laqué et anodisé.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Fecho c/ recuperação manual ou automática (ganco não incluído). Lock with manual or automatic recovery (hook not included). Cierre con recuperación manual o automática (ganco no incluido). Fermeture avec rebtablissement manuel ou automatique (crochet pas compris).		

246

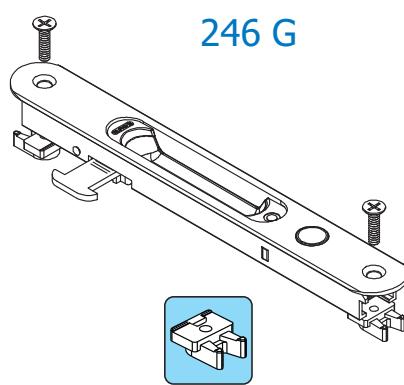
Fecho de embutir com travão / Lateral closing gears with security system
Cierres de embutir con condena / Fermeture lateral avec sécurité



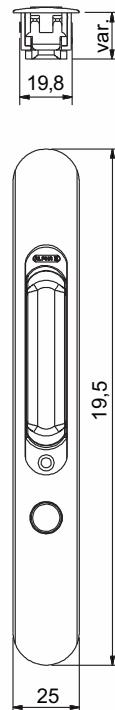
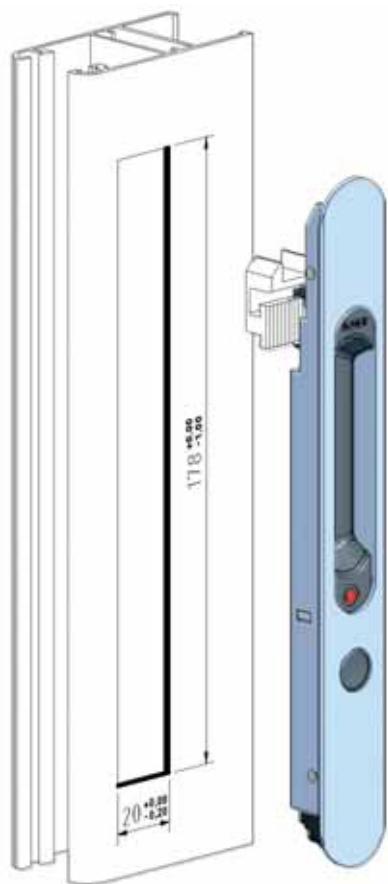
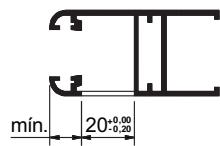
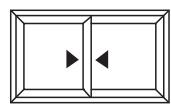
246 i



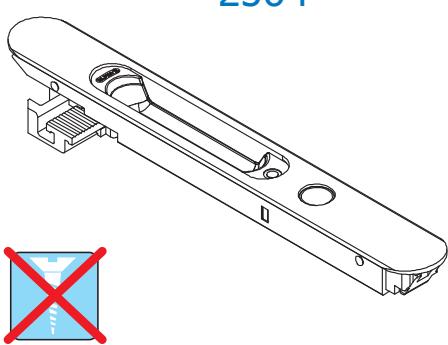
246 G



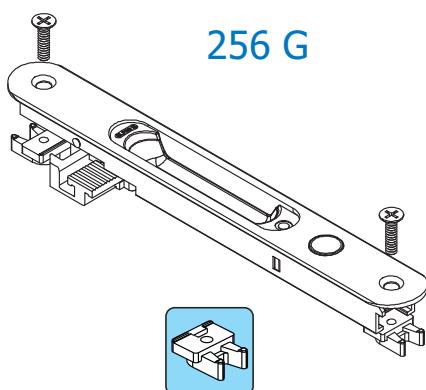
Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 25 unidades Box with 25 units Caja con 25 unidades Boîte avec 25 pieces	Alumínio e zamak Aluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos incluídos Screws included Tornillos incluidos Vis compris	Lacado e anodizado. Powder painting and hard anodized. Lacado y anodizado. Laqué et anodisé.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670, 13126-1 Standard EN 1670, 13126-1 Norma EN 1670, 13126-1 Normatif EN 1670, 13126-1	Fecho de embutir com travão (gancho não incluído). Lateral closing gears with security system (hook not included). Cierres de embutir con condena (gancho no incluido). Fermeture lateral avec sécurité (crochet pas compris).		



256 i



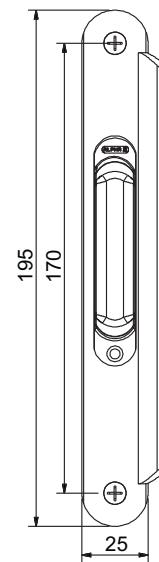
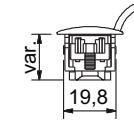
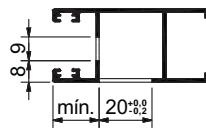
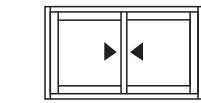
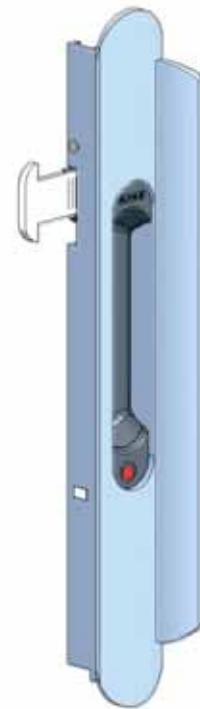
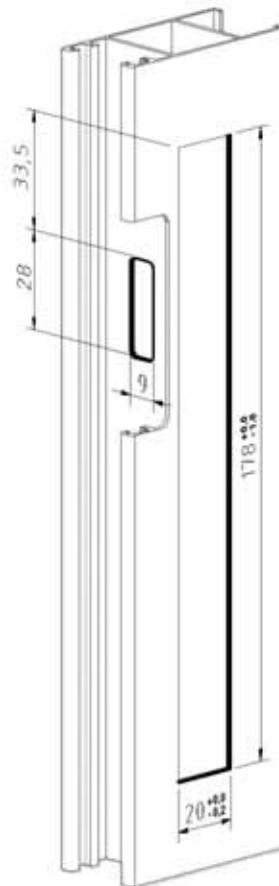
256 G



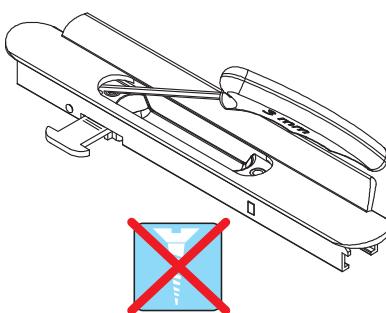
Embalagem # Packaging # Empaquetado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 25 unidades Box with 25 units Caja con 25 unidades Boîte avec 25 pieces	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos incluídos Screws included Tornillos incluidos Vis compris	Lacado e anodizado. Powder painting and hard anodized. Lacado y anodizado. Laqué et anodisé.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Fecho de embutir com travão p. séries perimetrais (gancho não incluído). Sliding lock with security system for perimetral series (hook not included). Cierres de embutir con condena p. series perimetrales (gancho no incluido). Fermeture latérale avec sécurité série perimetrale (crochet pas compris).		
			 

249

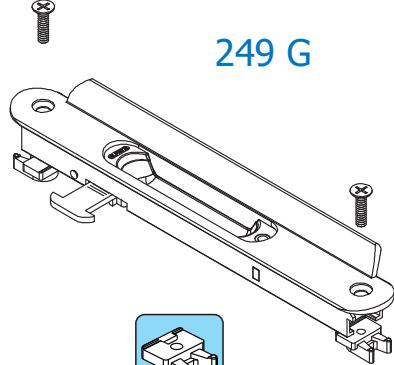
Fecho de embutir com pega / Sliding lock with handle
Cierre de embutir con tirador / Fermeture laterale avec poignée



249 i

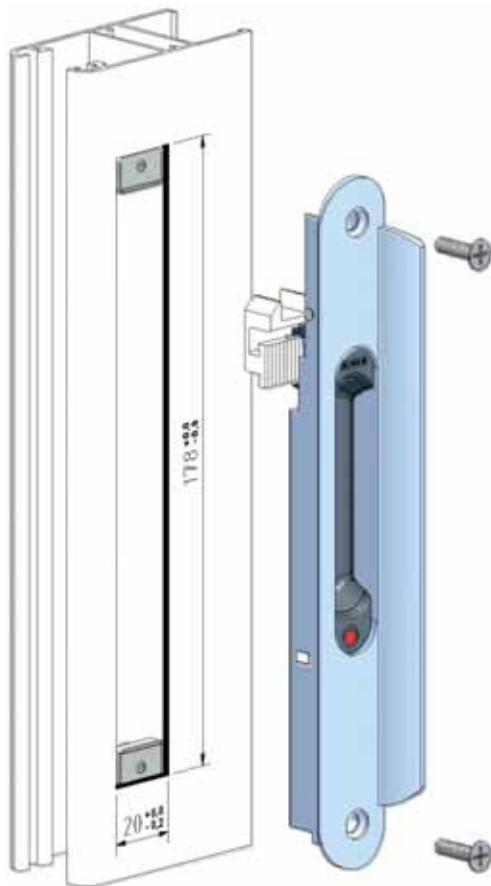
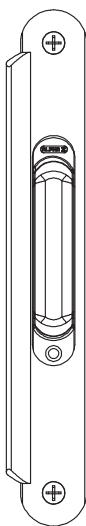
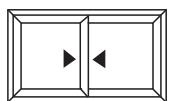


249 G



Esq.
Left
Izq.
Gauche

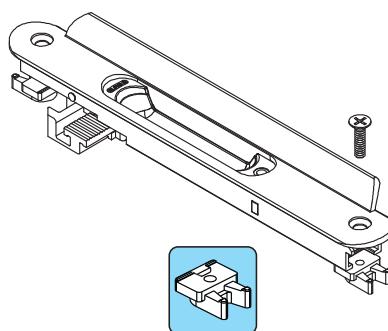
Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 25 unidades Box with 25 units Caja con 25 unidades Boîte avec 25 pieces	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos incluídos Screws included Tornillos incluidos Vis compris	Lacado e anodizado. Powder painting and hard anodized. Lacado y anodizado. Laqué et anodisé.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670 Standard EN 1670 Norma EN 1670 Normatif EN 1670	Com recuperação manual (gancho não incluído). With manual recovery (hook not included). Con recuperación manual (gancho no incluido). Avec rebatissement manuel (crochet pas compris).		



Dir.
 Right
 Dto.
 Droit



259 G



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 25 unidades
 Box with 25 units
 Caja con 25 unidades
 Boîte avec 25 pieces

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak
 Aluminium and zamak
 Aluminio y zamak
 Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos incluídos
 Screws included
 Tornillos incluidos
 Vis compris

Acabamento # Finishing # Acabados # Finitions

Lacado e anodizado.
 Powder painting and hard anodized.
 Lacado y anodizado.
 Laqué et anodisé.

Normas # Standard # Norma # Normatif

Norma EN 1670
 Standard EN 1670
 Norma EN 1670
 Normatif EN 1670

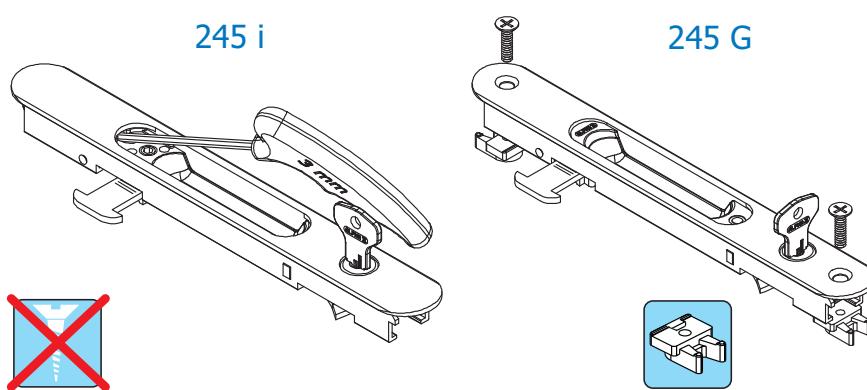
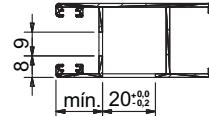
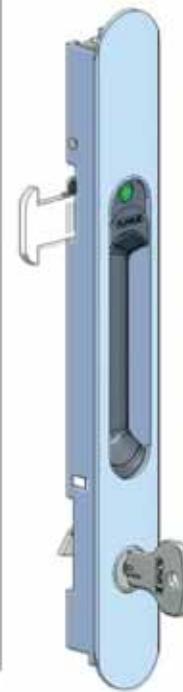
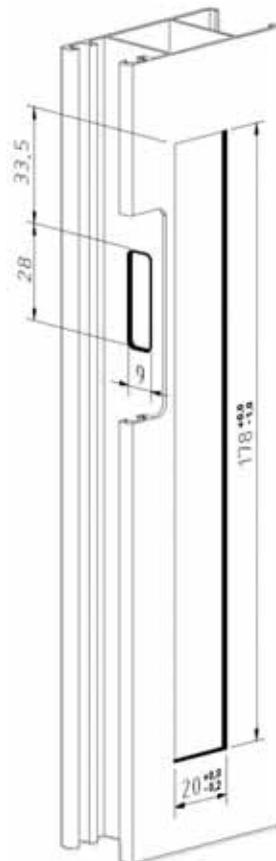
Observações # Comments # Observaciones # Observations

Com recuperação manual (gancho não incluído).
 With manual recovery (hook not included).
 Con recuperación manual (gancho no incluido).
 Avec reétablissement manuel (crochet pas compris).

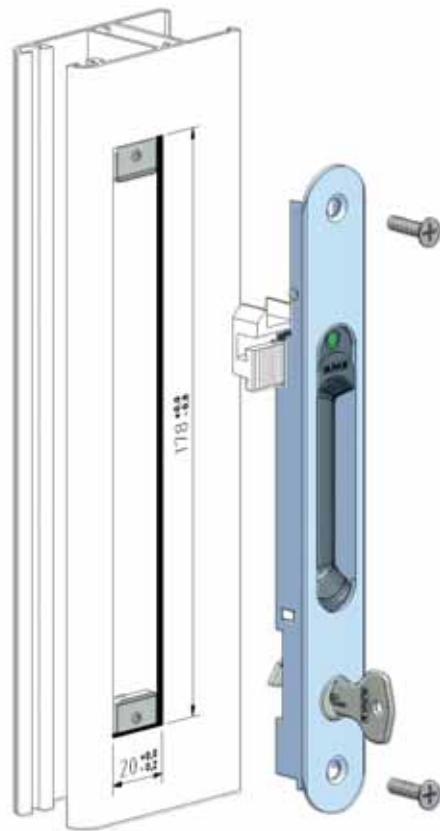
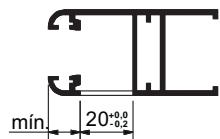
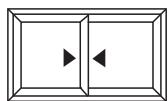


245

Fecho de embutir e concha c/ chave / Sliding lock with key
Cierre de embutido con llave / Fermeture laterale avec clef

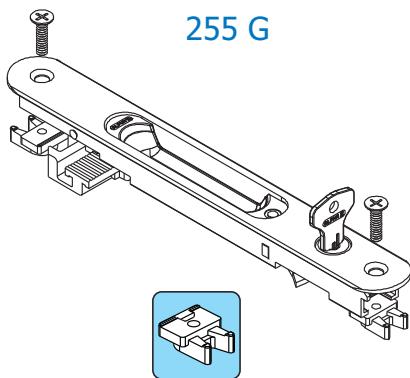


Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 25 unidades Box with 25 units Caja con 25 unidades Boîte avec 25 pieces	Alumínio e zamak Alluminium and zamak Aluminio y zamak Aluminium et zamak	Parafusos incluídos Screws included Tornillos incluidos Vis compris	Lacado e anodizado. Powder painting and hard anodized. Lacado y anodizado. Laqué et anodisé.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670, 13126-1 Standard EN 1670, 13126-1 Norma EN 1670, 13126-1 Normatif EN 1670, 13126-1	Fecho interior de abertura com chave (ganco não incluído). Interior lock for opening with key (hook not included). Cerradura interior para abrirse con llave (gancho no incluido). Serrure interieure pour s'ouvrir avec clef (crochet pas compris).		



Mod. Dep.

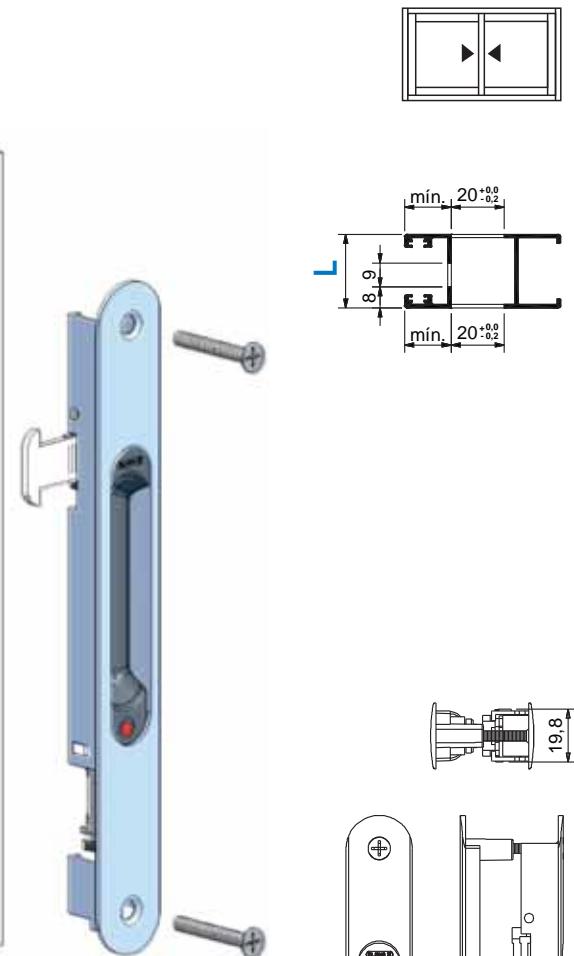
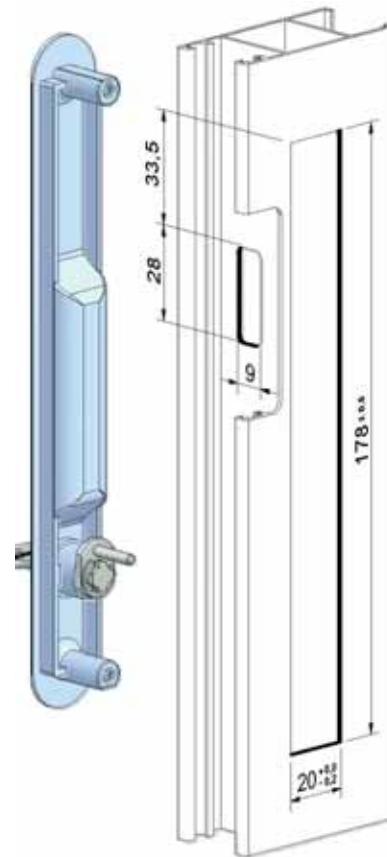
255 G



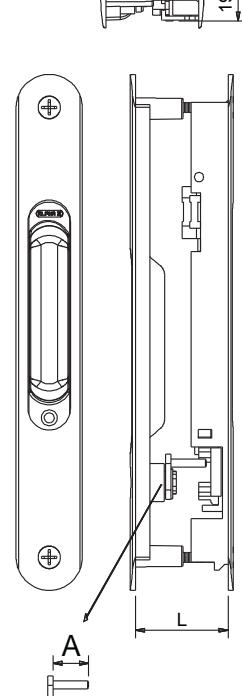
Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 25 unidades	Alumínio e zamak	Parafusos incluídos	Lacado e anodizado.
Box with 25 units	Alluminium and zamak	Screws included	Powder painting and hard anodized.
Caja con 25 unidades	Aluminio y zamak	Tornillos incluidos	Lacado y anodizado.
Boîte avec 25 pieces	Aluminium et zamak	Vis compris	Laqué et anodisé.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670	Fecho interior de abertura com chave para séries perimetrais (gancho não incluído). Interior lock for opening with key for perimetral series (hook not included).		
Standard EN 1670	Interior lock for opening with key for perimetral series (hook not included).		
Norma EN 1670	Cerradura interior para abrirse con llave para series perimetrales (gancho no incluido).		
Normatif EN 1670	Serrure interieure pour s'ouvrir avec clef pour séries perimetrales (crochet pas compris).		

244

Conj. de fecho de embutir e concha c/ chave / Sliding lock with shell and key
Cierre de embutido con uñero y llave / Fermeture laterale avec coquille et clef



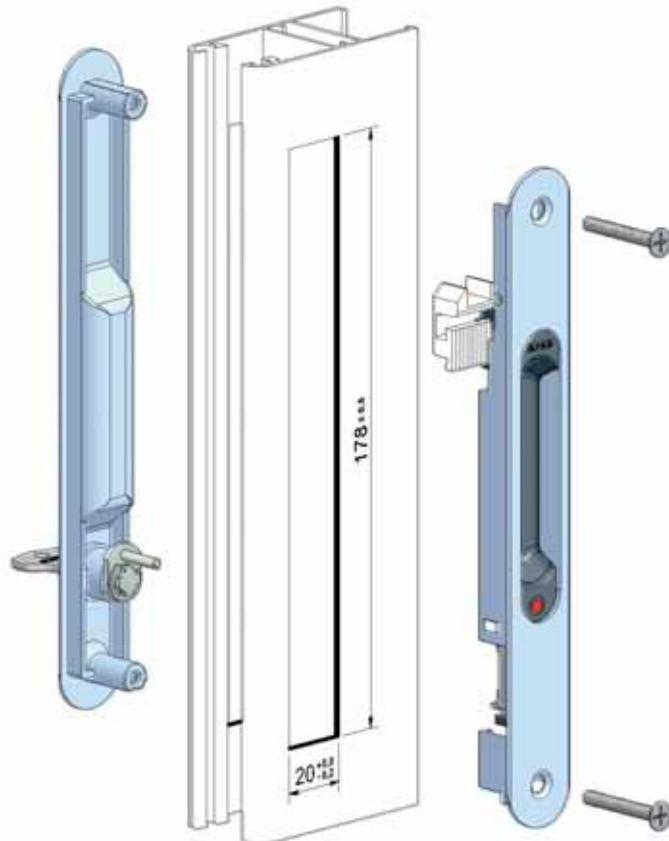
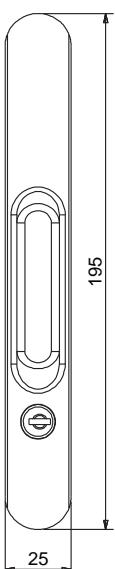
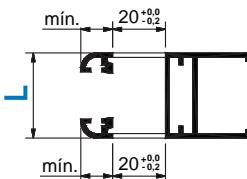
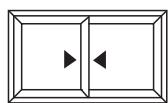
ref:	L	
	Mín	Máx
244C	27	28
244	27	36
244E	30	32
244L	36	48



$$A = L - 20,5$$

Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 12 pares	Alumínio e zamak	Parafusos incluídos	Lacado.
Box with 12 pairs	Aluminium and zamak	Screws included	Powder painting.
Caja con 12 pares	Aluminio y zamak	Tornillos incluidos	Lacado.
Boîte avec 12 paires	Aluminium et zamak	Vis compris	Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670, 13126-1	Conjunto de fecho duplo com chave e concha (gancho não incluído).		
Standard EN 1670, 13126-1	Double sliding lock with key (hook not included).		
Norma EN 1670, 13126-1	Conjunto de cierre y uñero para puertas (gancho no incluido).		
Normatif EN 1670, 13126-1	Double fermeture avec clé (crochet pas compris).		





Mod. Dep.

ref:	L	
	Mín	Máx
254C	27	28
254	27	36
254E	30	32
254L	36	48

Embalagem # Packaging # Empaqueado # Emballage

Caixas com 12 pares

Box with 12 pairs

Caja con 12 pares

Boîte avec 12 paires

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak

Alluminum and zamak

Aluminio y zamak

Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos incluídos

Screws included

Tornillos incluidos

Vis compris

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Conjunto de fecho duplo com chave e concha (gancho não incluído).

Double sliding lock with key (hook not included).

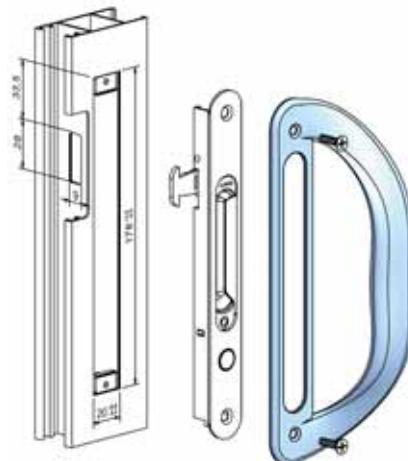
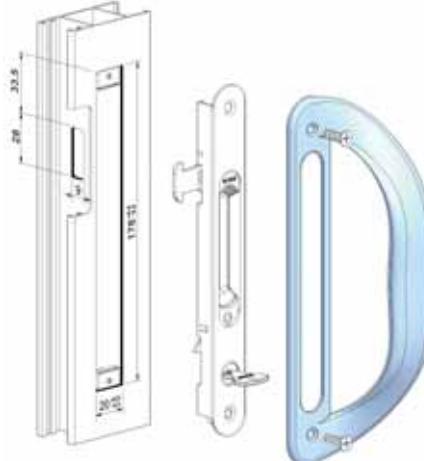
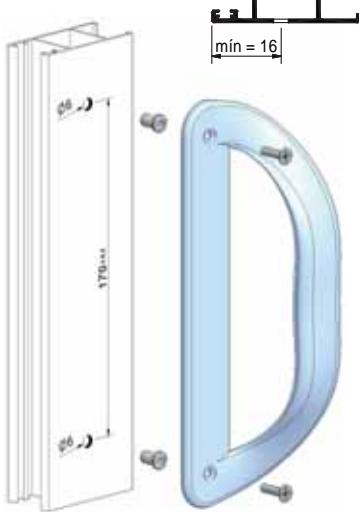
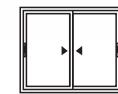
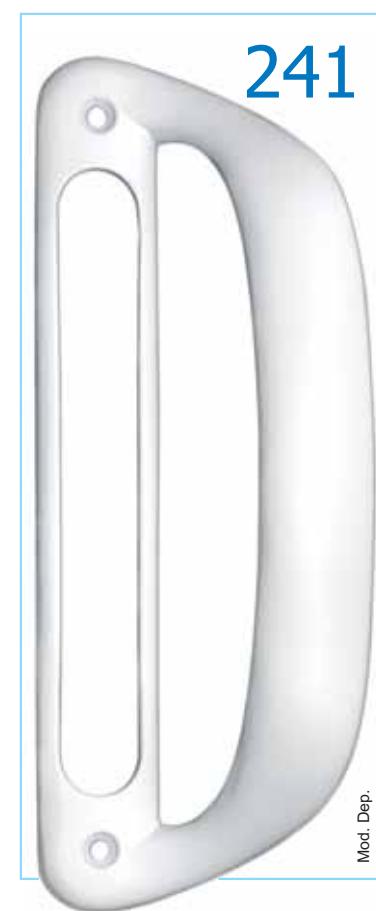
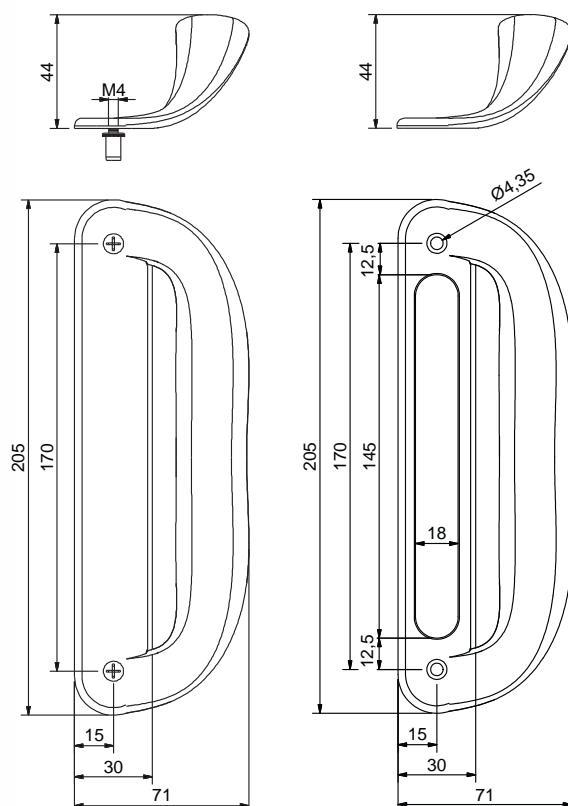
Conjunto de cierre y uñero para puertas (gancho no incluido).

Double fermeture avec clé (crochet pas compris).



240/241

Puxador para portas de correr / Bolt for sliding doors
Tiradores para puertas correderas / Verrous pour portes coulissantes

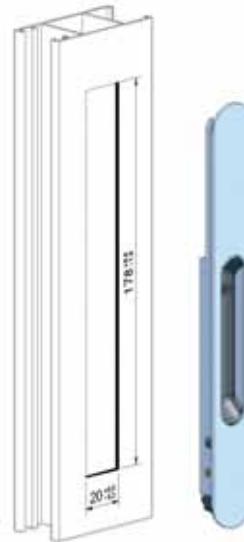
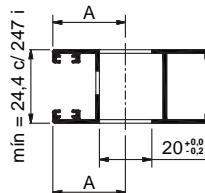
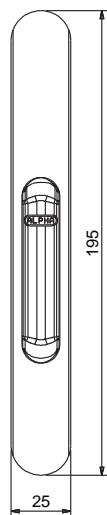
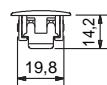


Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
240 - Caixas com 10 peças. 2270 grs. 241 1775 grs.	Alumínio	Parafusos incluídos	Lacado.
240 - Box with 10 units per box. 2270 grs. 241 1775 grs.	Aluminium	Screws included	Powder painting.
240 - Caja con 10 unidades. 2270 grs. 241 1775 grs.	Aluminio	Tornillos incluidos	Lacado.
240 - Boîte avec 10 pièces. 2270 grs. 241 1775 grs.	Aluminium	Vis compris	Laqué.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670	241 - Puxador p/ fecho de embutir. 241 - Pull handle for sliding lock. 241 - Tirador para cierre de embutir. 241 - Poignée de tirage pour fermetures laterales.		
Standard EN 1670			
Norma EN 1670			
Normatif EN 1670			



243i

Mod. Dep.



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 25 unidades
Box with 25 units per box
Caja con 25 unidades
Boîte avec 25 pieces

Materiais # Materials # Materiales # Matériaux

Alumínio e nylon.
Aluminium and nylon.
Aluminio y nylon.
Aluminium et nylon.

Fixação # Fixing # Fijacion # Fixation

Parafusos incluídos
Screws included
Tornillos incluidos
Vis compris

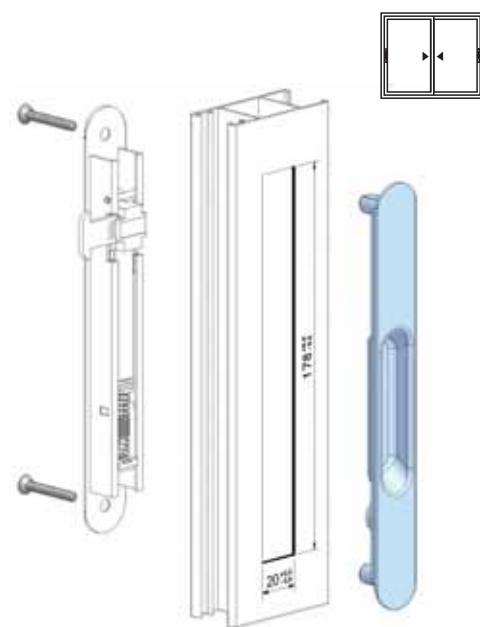
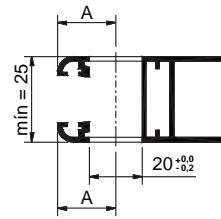
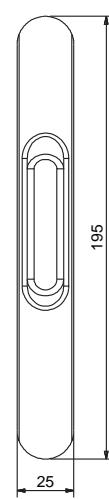
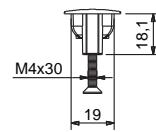
Acabamento # Finishing # Acabados # Finitions

Lacado, anodizado.
Powder painting, and anodized.
Lacado y anodizado.
Laqué, et anodisé.



243

Mod. Dep.



Embalagem # Packaging # Empaqueado # Emballage

Caixas com 25 unidades
Box with 25 units per box
Caja con 25 unidades
Boîte avec 25 pieces

Materiais # Materials # Materiales # Matériaux

Zamak
Zamak
Zamak
Zamak

Fixação # Fixing # Fijacion # Fixation

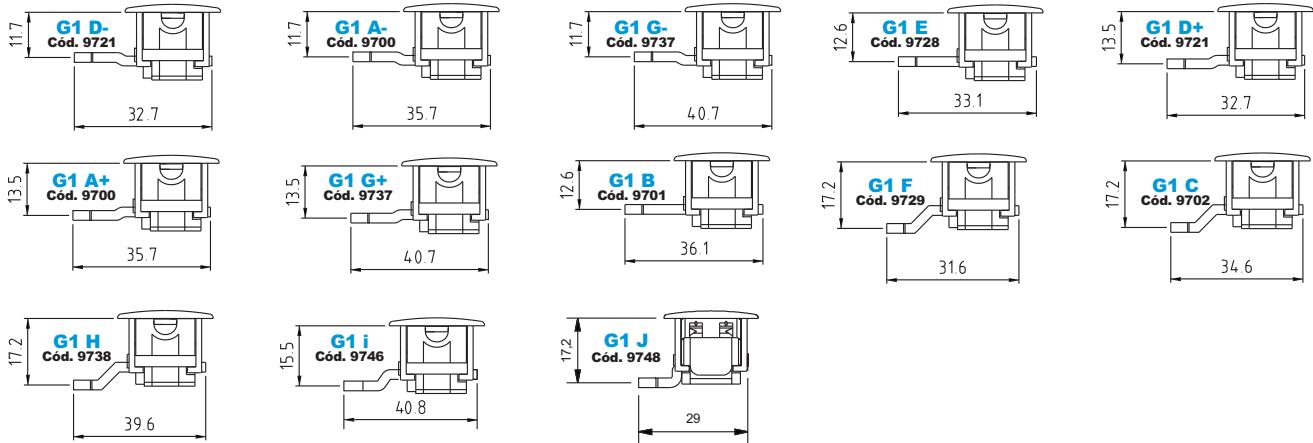
Parafusos incluídos
Screws included
Tornillos incluidos
Vis compris

Acabamento # Finishing # Acabados # Finitions

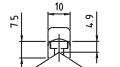
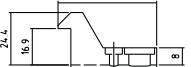
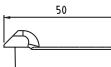
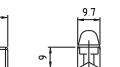
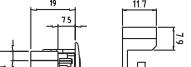
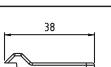
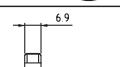
Lacado.
Powder painting.
Lacado.
Laqué.



Ganchos INOX para fecho de embutir
 Ganchos INOX for sliding lock
 Ganchos INOX para cierre de embutir



Gache / Keepers / Cerraderos / Serrures
 Garra / Claw / garra / Griffe

	Ref.	Desig	Un.	Qt.				Ref.	Desig	Un.	Qt.		
	G 29	Gache	1	25				G 36	Garra	1	25		
	G 33	Gache	1	25				G 37	Garra	1	25		

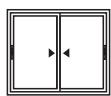
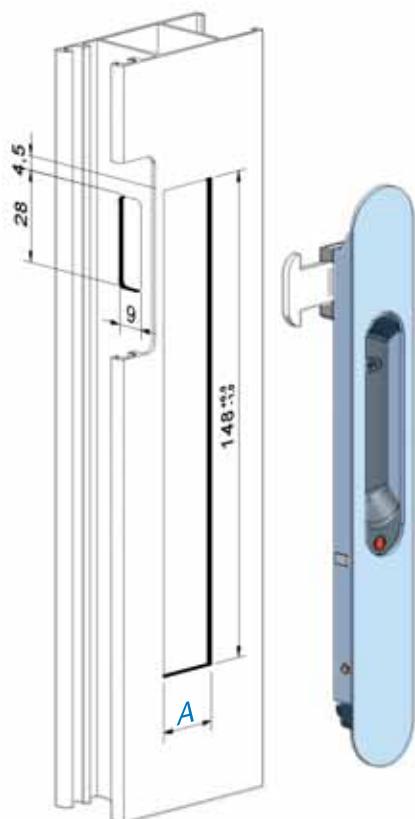
ALPHA 



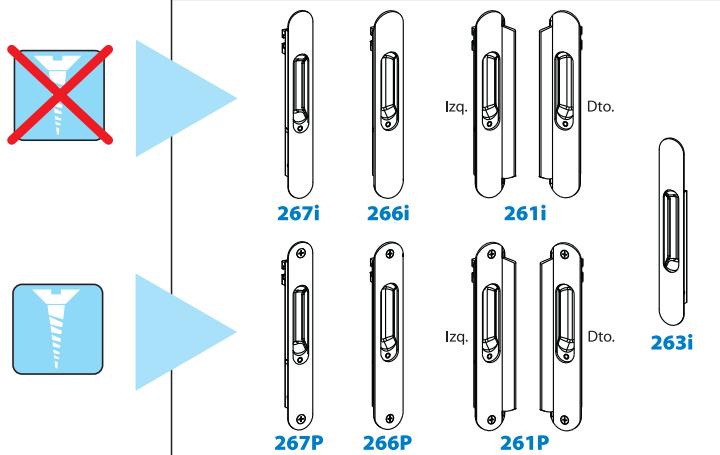
ALPHA ECO
LINHA ECONÓMICA

267i/266i

Fecho de embutir / Lateral closing gears
Cierres de embutir / Fermeture latérale



ref:	A
266	22
267	19,5



Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 100 unidades	Alumínio, zamak e nylon	Parafusos incluídos	Lacado e anodizado.
Box with 100 units	Aluminium, zamak and nylon	Screws included	Powder painting and hard anodized.
Caja con 100 unidades	Aluminio, zamak y nylon	Tornillos incluidos	Lacado y anodizado.
Boîte avec 100 pieces	Aluminium, zamak y nylon	Vis compris	Laqué et anodisé.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670, 13126-1	Fecho c/ recuperação manual ou automática (ganco não incluído).		
Standard EN 1670, 13126-1	Lock with manual or automatic recovery (hook not included).		
Norma EN 1670, 13126-1	Cierre con recuperación manual o automática (gancho no incluido).		
Normatif EN 1670, 13126-1	Fermeture avec retablissement manuel ou automatique (crochet pas compris).		

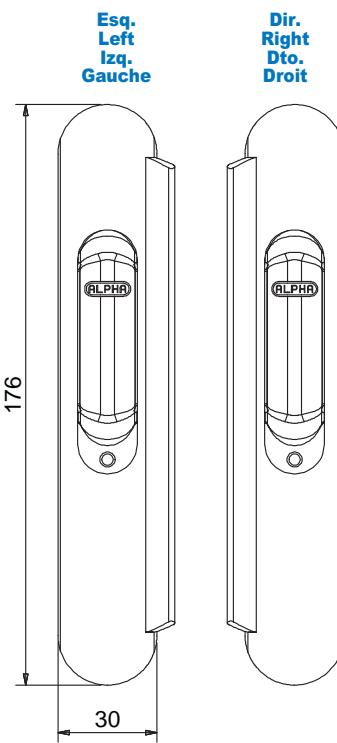
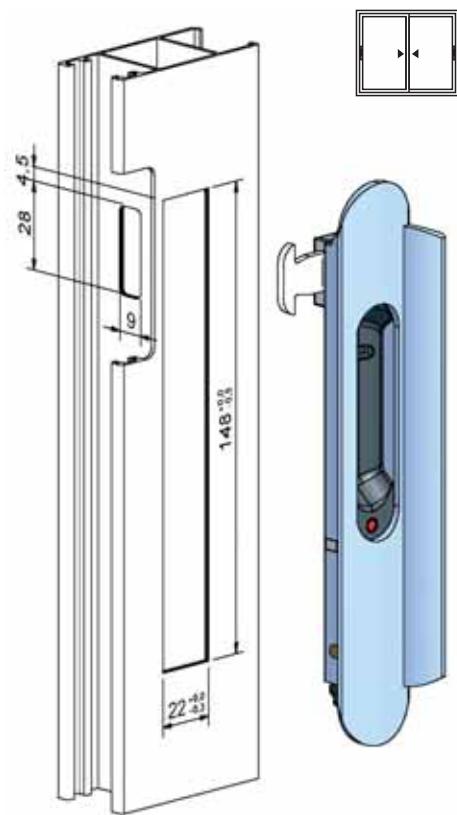
ALPHA ECO

Fecho de embutir com pega / Lateral closing gears with handle
Cierres de embutir con tirado / Fermeture lateral avec poignée

261i



Mod. Dep.



261i



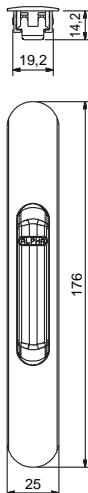
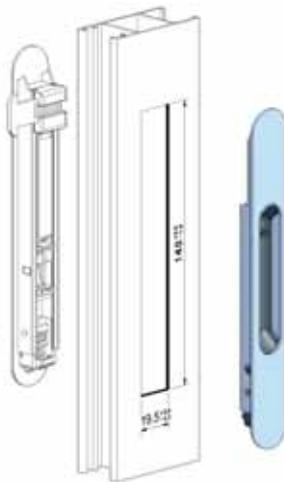
Aço niquelado
Acero niquelado
Nickel steel
Ver dimensões pág. 90
See dimensions on pag. 90
Dimensiones pag. 90
Voir dimensions pág. 90



Mod. Dep.

263i

Concha / Shell / Uñero / Coquille



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 25 unidades
Box with 25 units
Caja con 25 unidades
Boîte avec 25 pieces

Materiais # Materials # Materiales # Matériaux

Alumínio, zamak e nylon
Alluminium, zamak and nylon
Aluminio, zamak y nylon
Aluminium, zamak y nylon

Fixação # Fixing # Fijacion # Fixation

Incluída
Included
Incluida
Compris

Acabamento # Finishing # Acabados # Finitions

Lacado e anodizado.
Powder painting and hard anodized.
Lacado y anodizado.
Laqué et anodisé.

Normas # Standard # Norma # Normatif

Norma EN 1670
Standard EN 1670
Norma EN 1670
Normatif EN 1670

Observações # Comments # Observaciones # Observations

Fecho com pega para portas (gancho não incluído).
Sliding lock with handle for doors (hook not included).
Cierre con tirador para balconeras (gancho no incluido).
Fermeture avec poignée pour portes (crochet pas compris).

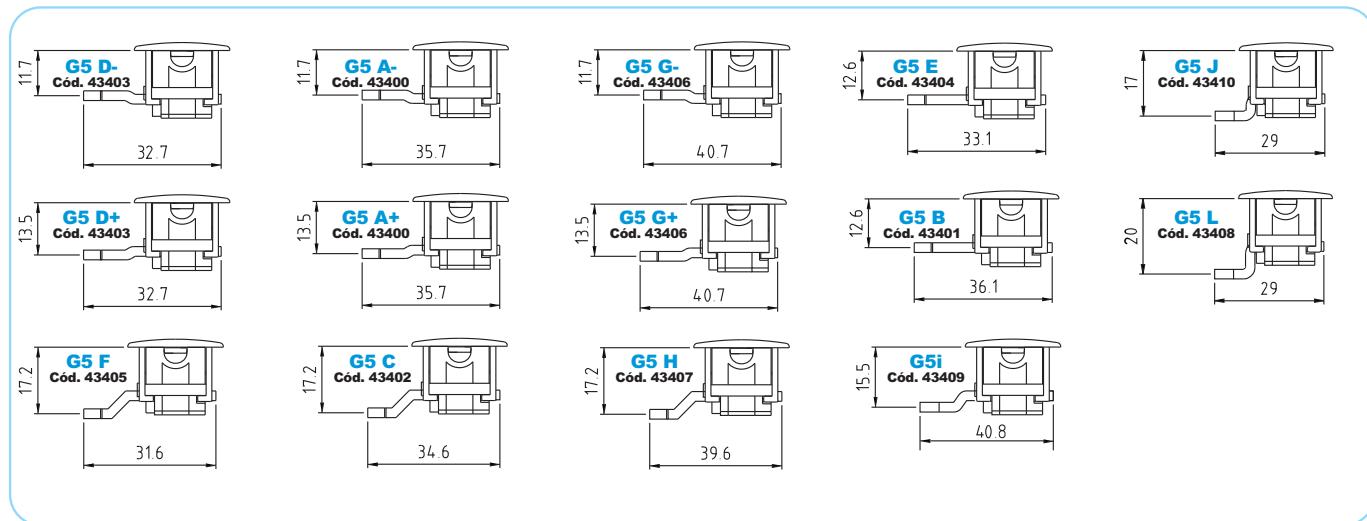


Ganchos **AÇO NIQUELADO** para fecho de embutir

Nib **NICKEL STEEL** for sliding lock

Ganchos **ACERO NIQUELADO** para cierre de embutir

Crochet en **ACIER NIQUELÉE** pour fermeture



Gache / Keepers / Cerraderos / Serrures

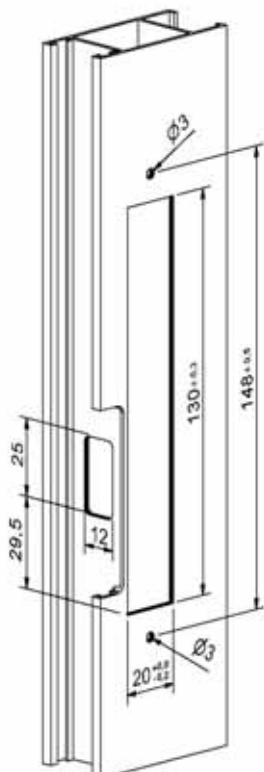
Garra / Claw / garra / Griffe

Ref.	Desig	Un.	Qt.	Diagram	Ref.	Desig	Un.	Qt.	Diagram
G 28	Gache	1	25		G 34	Gache	1	25	
G 29	Gache	1	25		G 38	Garra	1	25	
G 33	Gache	1	25		G 44	Garra	1	25	

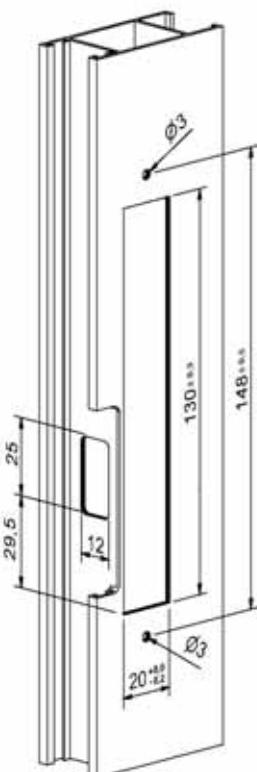
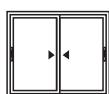
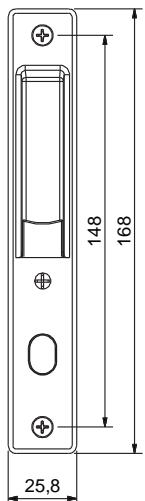
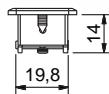
ALPHA



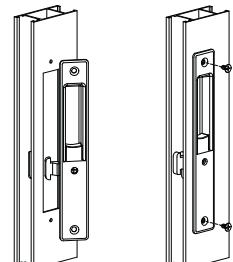
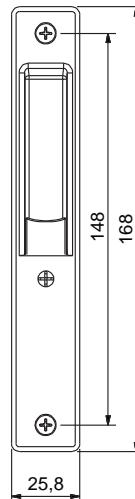
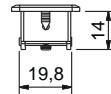
Fechos de correr
Sliding locks
Cierres para correderas
Fermeture coulissants



236



237

**Embalagem # Packaging # Empaque # Emballage**

236 - Caixas com 50 unid.. 4733 grs. 237 - cx.50 - 4766 grs.
 236 - 50 units per box. 4733 grs. 237 - cx.50 4766 grs.
 236 - Caja con 50 unid. 4733 grs. 237 - caja 50 unid.4766 grs.
 236 - Boîte avec 50 pièces. 4733 grs. 237 - boîte 50 unit.4766 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e zamak
 Alluminium and zamak
 Aluminio y zamak
 Aluminium et zamak

Fixação # Fixing # Fijacion # Fixation

Parafusos incluídos
 Screws included
 Tornillos incluidos
 Vis compris

Acabamento # Finishing # Acabados # Finitions

Lacado.
 Powder painting.
 Lacado.
 Laqué.

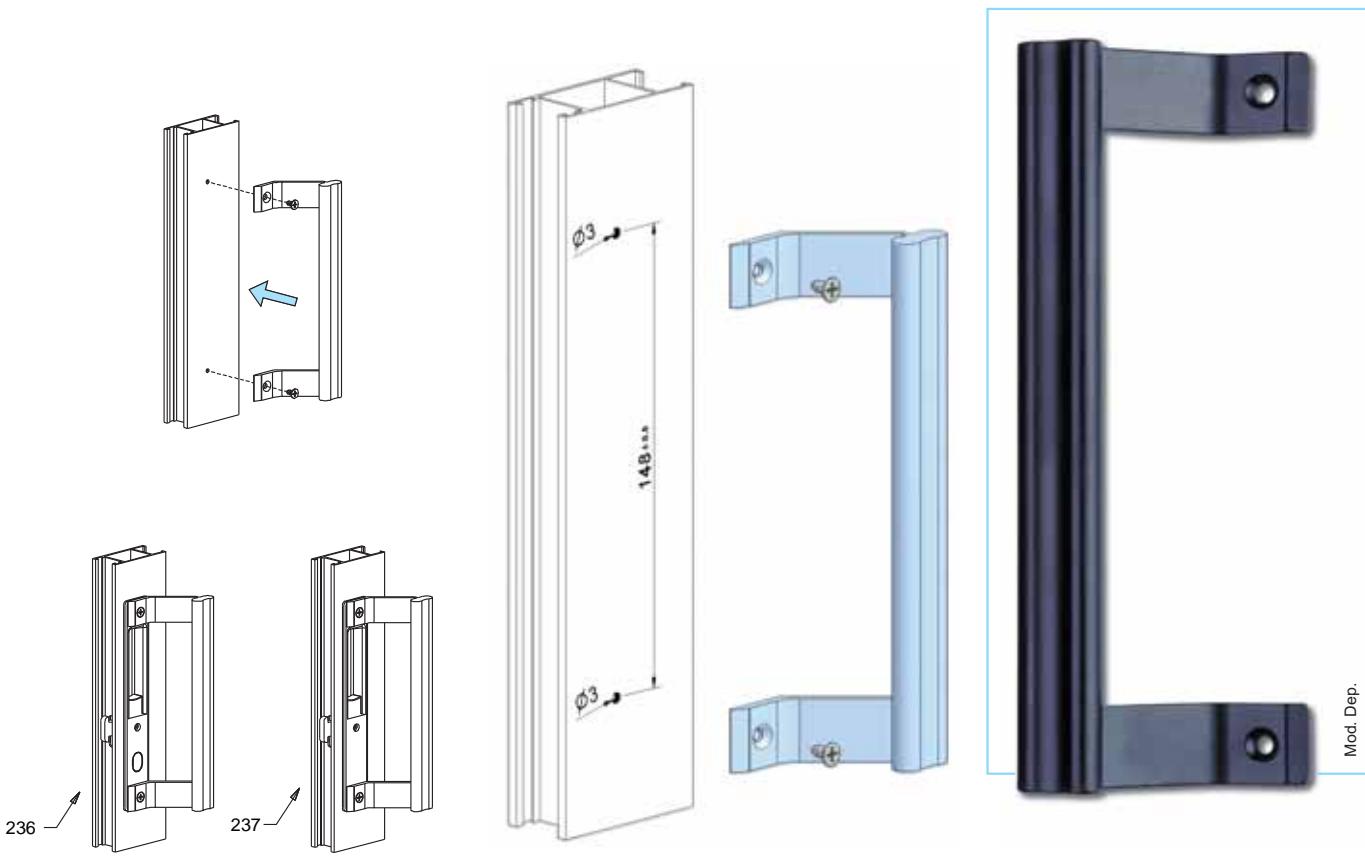
Normas # Standard # Norma # Normatif

Norma EN 1670
 Standard EN 1670
 Norma EN 1670
 Normatif EN 1670

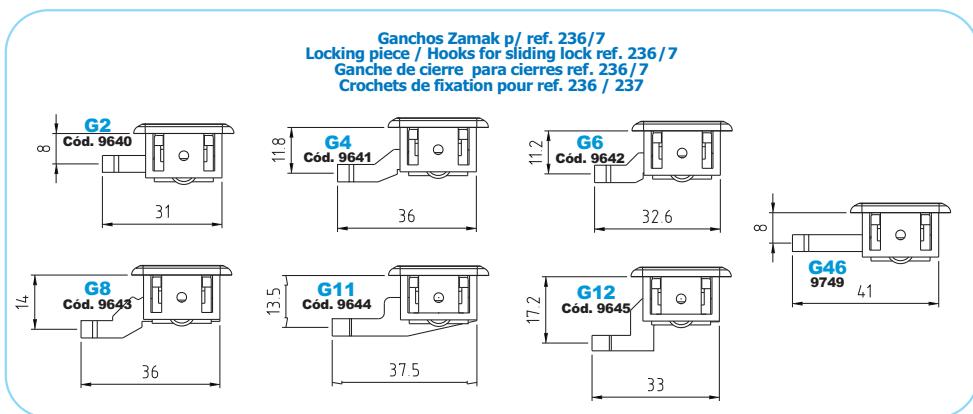
Observações # Comments # Observaciones # Observations

Fecho c/ recuperação manual ou automática (gancho não incluído).
 Lock with manual or automatic recovery (hook not included).
 Cierre con recuperación manual o automática (gancho no incluido).
 Fermeture avec rétablissement manuel ou automatique (crochet pas compris).

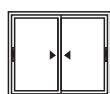
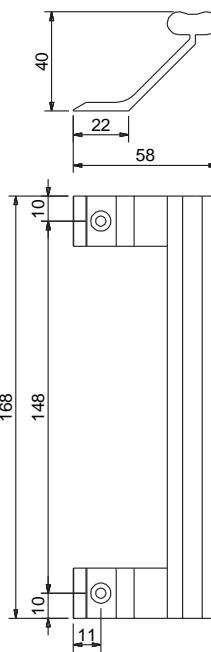




Mod. Dep.



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



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 20 unidades. 2030 grs.

Box with 20 units 2030 grs.

Caja con 20 unid. 2030 grs.

Boîte avec 20 pièces. 2030 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio

Alluminium

Aluminio

Aluminium

Fixação # Fixing # Fijacion # Fixation

Parafusos incluídos

Screws included

Tornillos incluidos

Vis compris

Acabamento # Finishing # Acabados # Finitions

Lacado e anodizado.

Powder painting and hard anodized.

Lacado y anodizado.

Laqué et anodisé.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

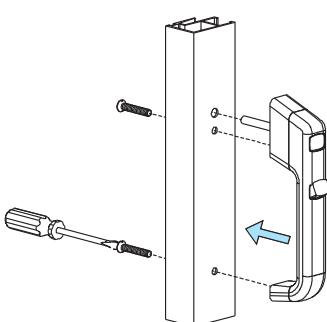
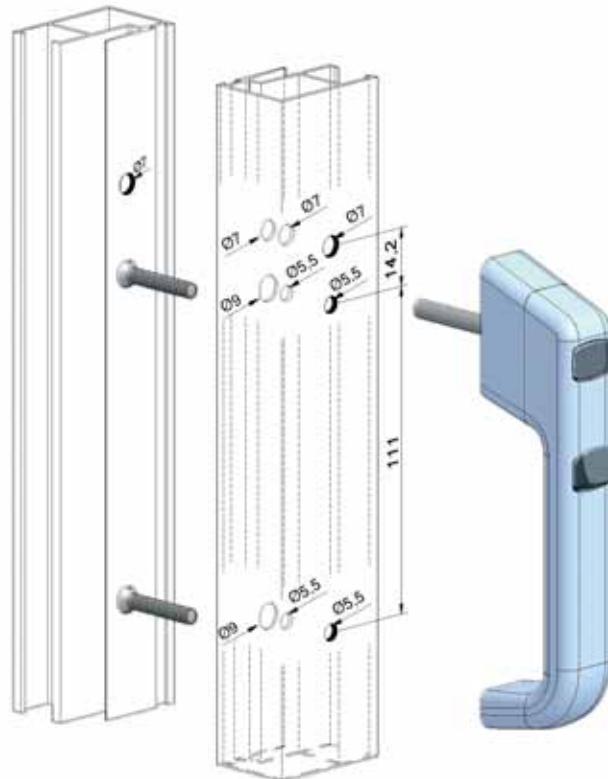


220

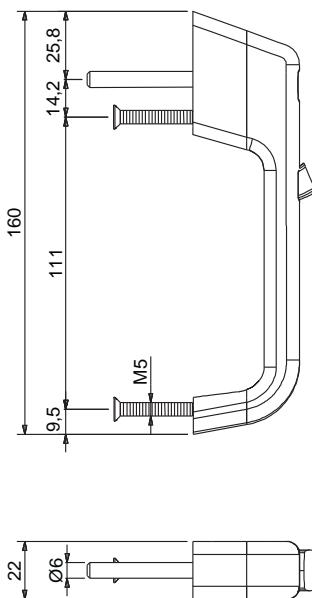
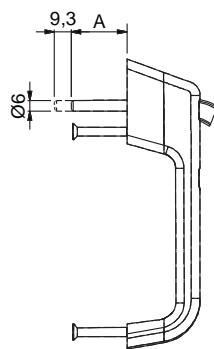
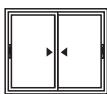
Fecho central para séries de correr / Central bolt for lateral closing gears
 Cierre central pour sobrepuestos / Fermeture centrale pour fenêtres superposés



Mod. Dep.



Ref:	A
220A	21,5
220H	23,4
220B	30,5
220C	32,0
220D	33,0
220E	36,0
220G	42,0
220i	45,0
220F	48,0
220L	60,0

**Embalagem # Packaging # Empaquetado # Emballage**

Caixas com 12 unidades

Box with 12 units

Caja con 12 unidades

Boîte avec 12 pièces

Materiais # Materials # Materiales # Matériaux

Zamak e nylon

Zamak and nylon

Zamak y nylon

Zamak et nylon

Fixação # Fixing # Fijacion # Fixation

Parafusos inox (incluídos)

Stainless steel screws (included)

Tornillos inox (inclusos)

Vis acier inox (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado.

Powder painting.

Lacado.

Laqué.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

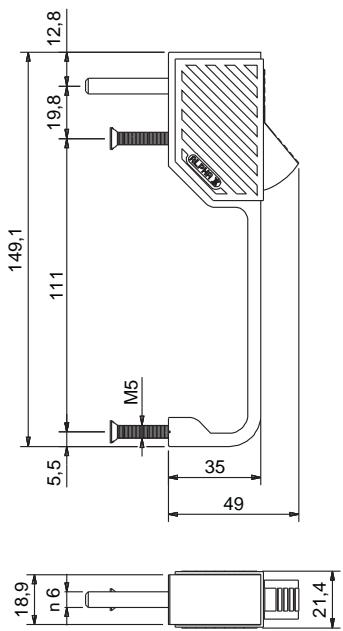
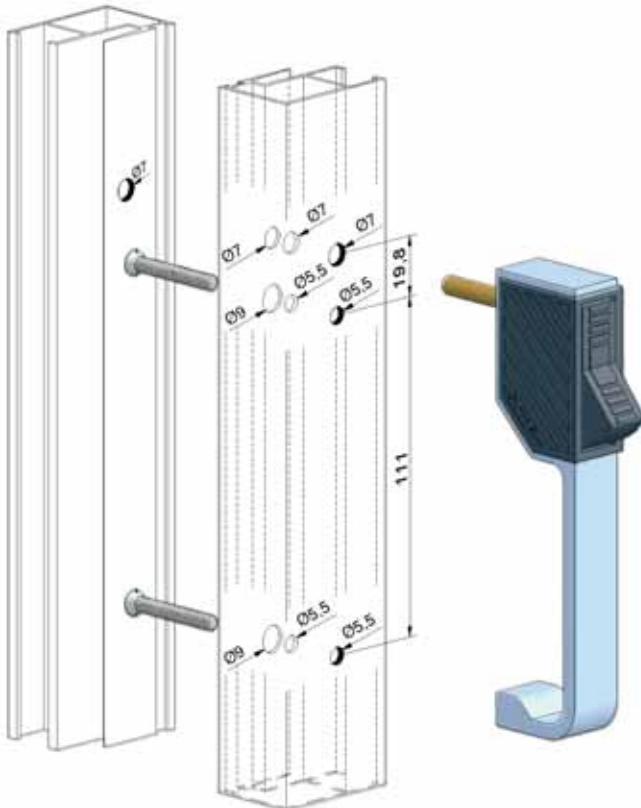
Espigão inox

Stainless steel pin

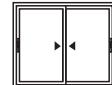
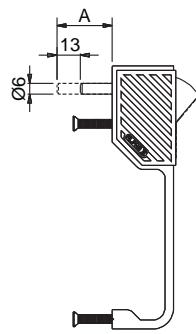
Eje inox

Axe inox





Ref:	A
203P	35
203	45
203E	55



Embalagem # Packaging # Empaquetado # Emballage

Caixas com 100 unidades

Box with 100 units

Caja con 100 unidades

Boîte avec 100 pièces

Materiais # Materials # Materiales # Matériaux

Alumínio e nylon

Aluminium and nylon

Aluminio y nylon

Aluminium et nylon

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included)

Tornillos (inclusos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado e anodizado.

Powder painting and anodized.

Lacado y anodizado.

Laqué et anodisé.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Espigão em aço

Steel pin

Eje en acero

Axe acier



ALPHA

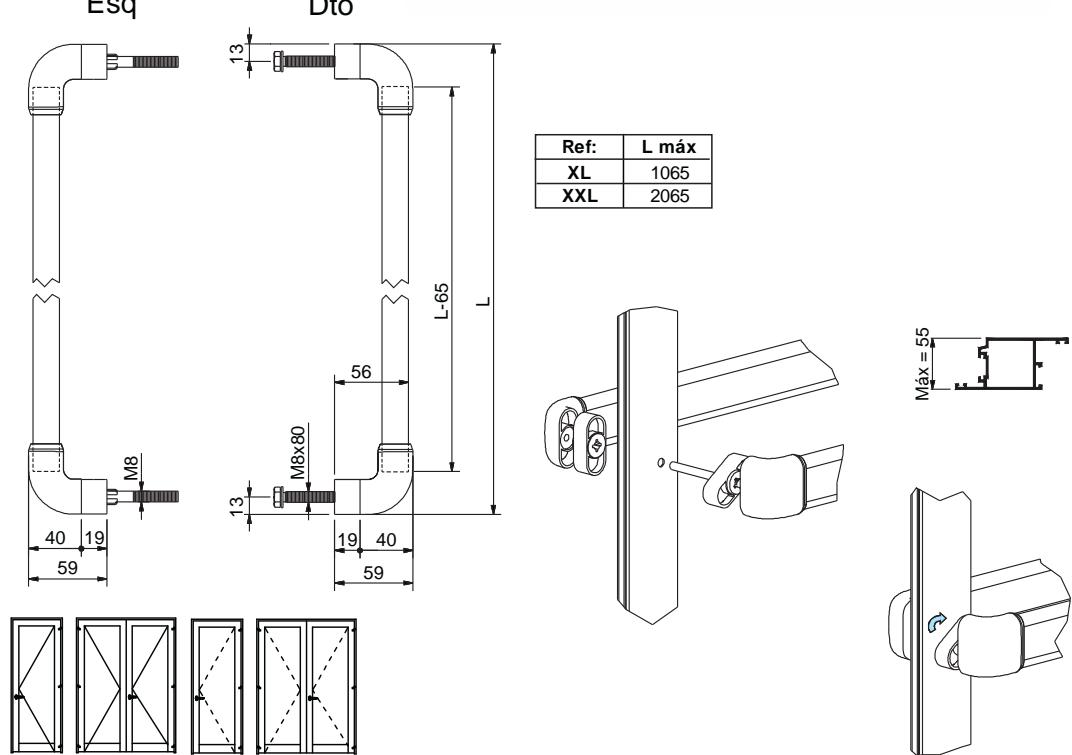
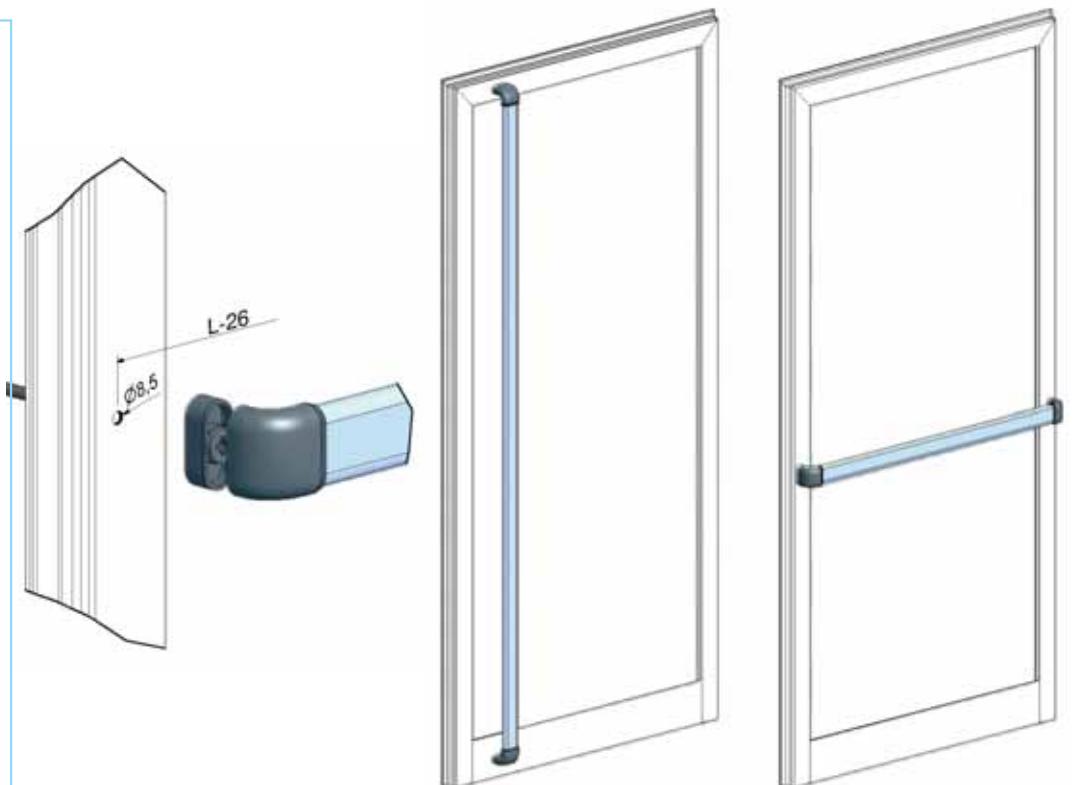


Puxadores
Pull handles
Tiradores
Poignées

XL/XXL

Puxadores/Pull handles Tiradores/Poignées

Puxador de porta / Pull handle / Tirador de puerta / Poignée de porte



Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation
XL Caixa 1 unid. - 1120 grs. XXL Caixa 1 unid. - 2210 grs.	Alumínio e zamak	Parafusos de aço (incluídos)
XL Box 1 unit. - 1120 grs. XXL box 1 unit. - 2210 grs.	Die casting Alluminium and zamak	Galvanized screws (included)
XL Caja 1 unid. - 1120 grs. XXL Caja 1 unid. - 2210 grs.	Aluminio y zamak	Tornillos de acero (inclusos)
XL Boîte 1 unid. - 1120 grs. XXL Boîte 1 unid. - 2210 grs.	Aluminium et zamak	Vis acier (compris)
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations	
Norma EN 1670	XL - 1m	
Standard EN 1670	XLL - 2m	
Norma EN 1670		
Normatif EN 1670		

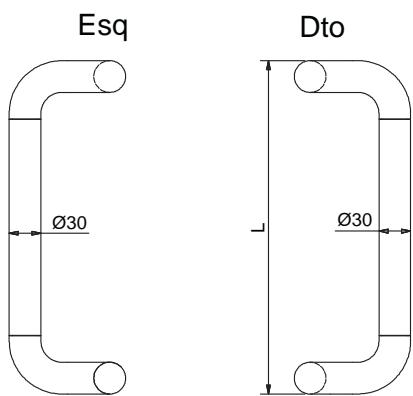
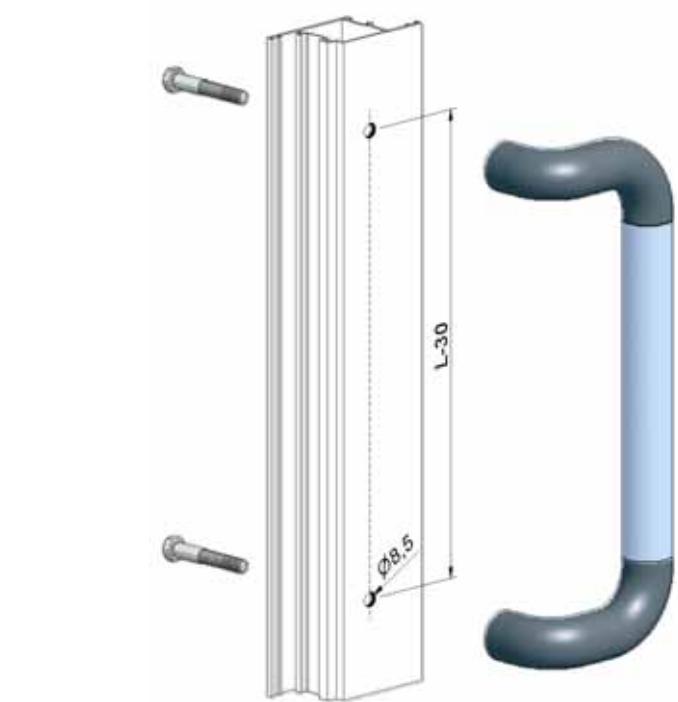
Mod. Dep.



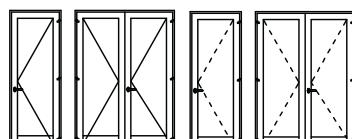
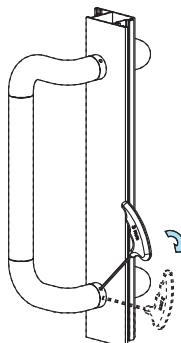
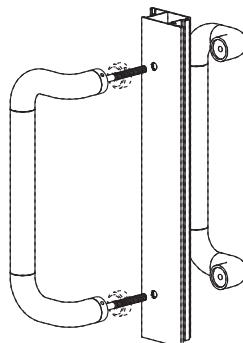
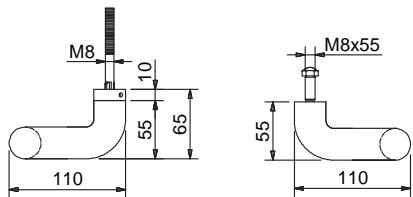
Puxadores/Pull handles Tiradores/Poignées

Puxador de porta / Pull handle / Tirador de puerta / Poignée de porte

809/810



Ref:	L máx
809	215
810	315



Embalagem # Packaging # Empaqueado # Emballage

Caixa com 1 unidade. 809 - 525 grs. 810 - 460 grs.

Box with 1 unit. 809 - 525 grs. 810 - 460 grs.

Caja con 1 unidad. 809 - 525 grs. 810 - 460 grs.

Boîte avec 1 pièce. 809 - 525 grs. 810 - 460 grs.

Materiais # Materials # Materiales # Matériaux

Alumínio e nylon

Die casting Aluminium and nylon

Aluminio y nylon

Aluminium et nylon

Fixação # Fixing # Fijacion # Fixation

Parafusos (incluídos)

Screws (included)

Tornillos (inclusos)

Vis (compris)

Acabamento # Finishing # Acabados # Finitions

Lacado e anodizado.

Powder painting and anodized.

Lacado y anodizado.

Laqué et anodisé.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

809 E e 810 E - Esquerdos

809 E e 810 E - Left-handed

809 E e 810 E - Esquierdos

809 E e 810 E - Gauche



ALPHA

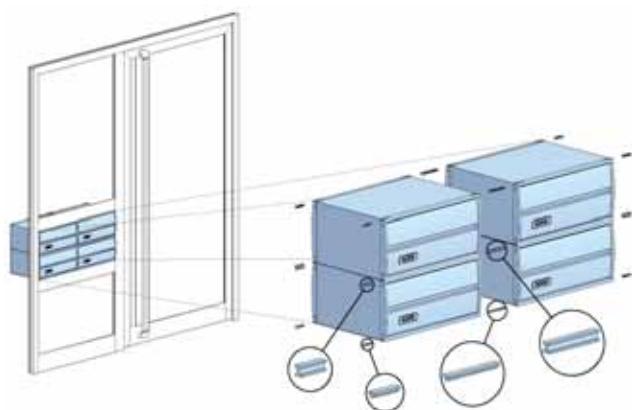


Caixa de correio
Mailbox
Buzon
Boîte aux lettres

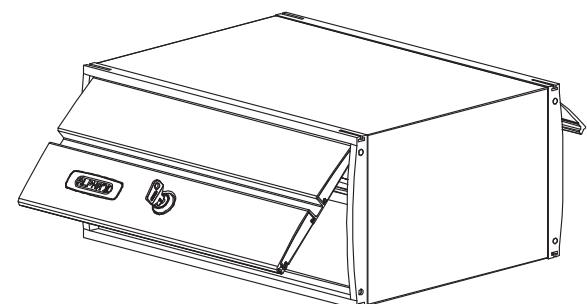
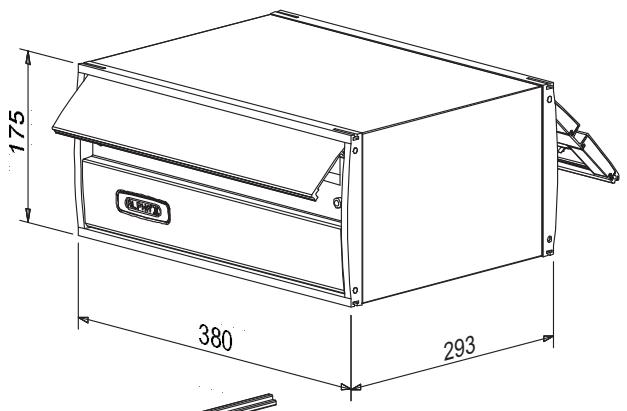
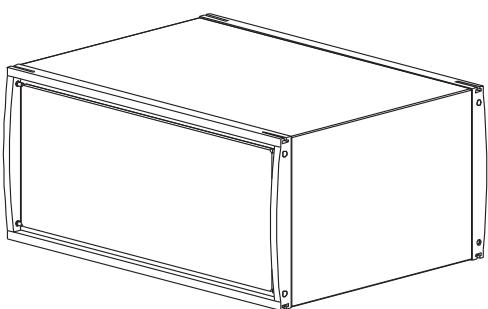
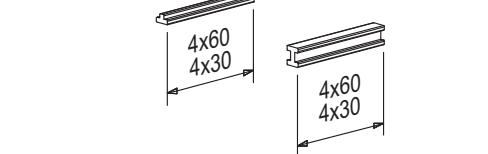
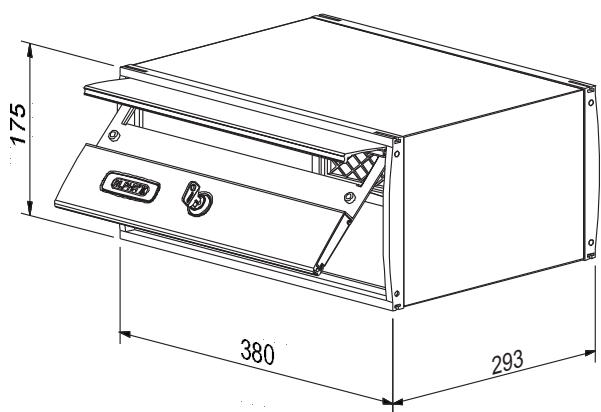
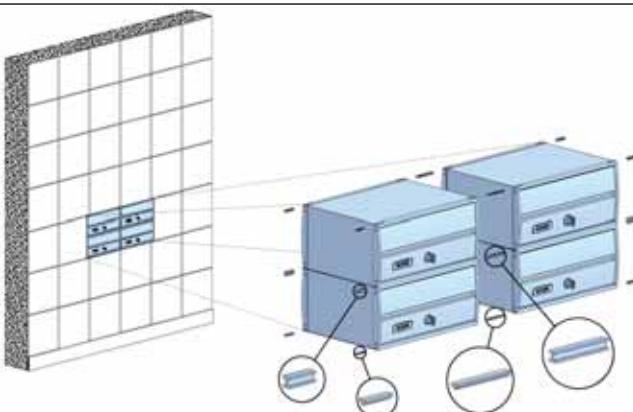


Caixa de correio/Mailbox Buzon/ Boîte aux lettres

Tipo B



Tipo A



Normas # Standard # Norma # Normatif

Aprovada pelos CTT. Legislação nacional DR 21/98

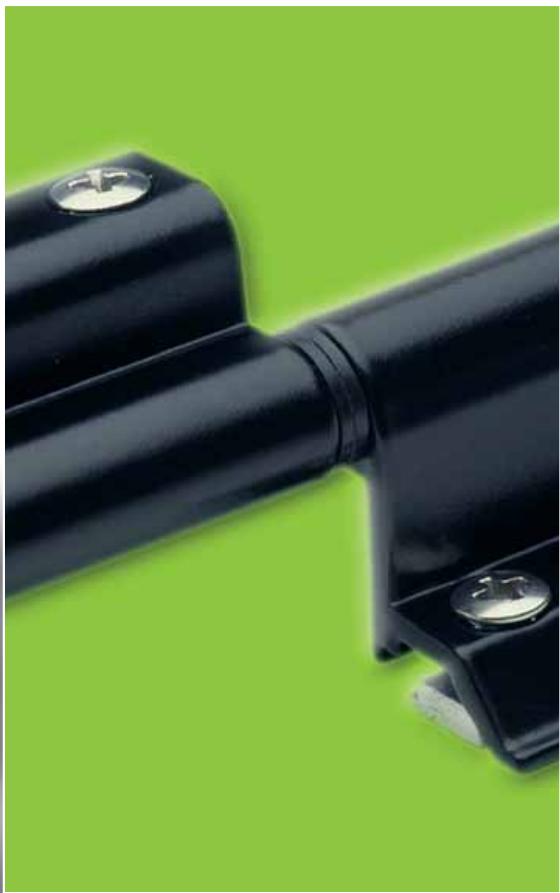
Portuguese legislation - DR 21/98

Legislación portugués - DR 21/98

Législation portugaise - DR 21/98



ALPHA®

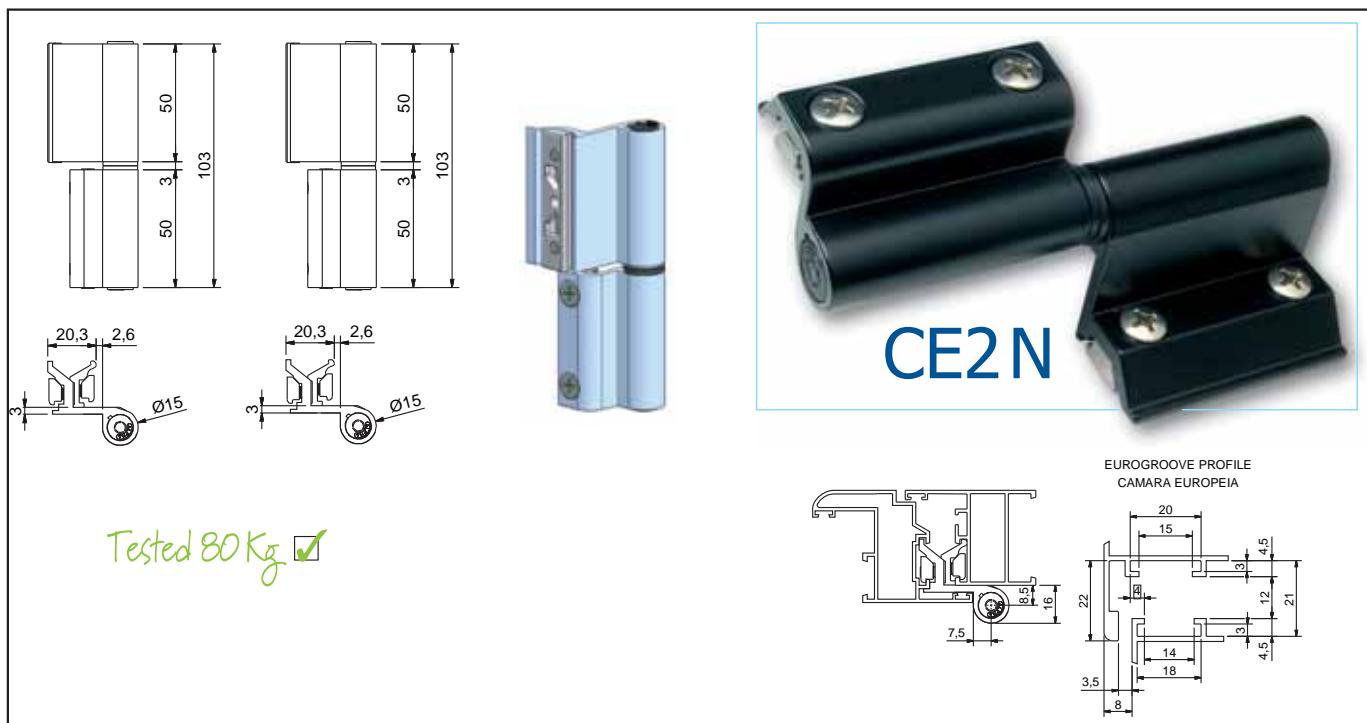
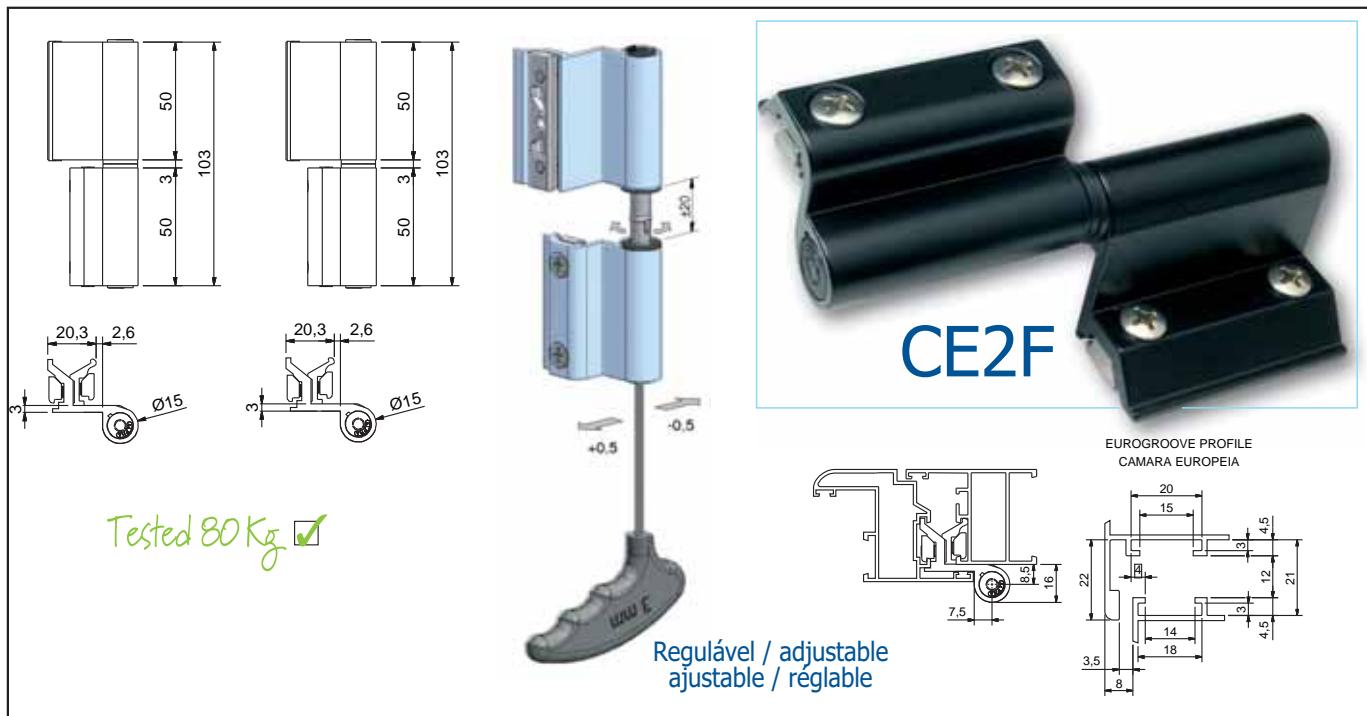


Dobradiças
Hinges
Bisagras
Paumelles

Dobradiças/Hinges/Bisagras/Paumelles

Dobradiças de câmara europeia / Hinges for european profiles

Bisagras de camara europea / Paumelles pour C.E.



Embalagem # Packaging # Empaqueado # Emballage	Materiais # Materials # Materiales # Matériaux	Fixação # Fixing # Fijacion # Fixation	Acabamento # Finishing # Acabados # Finitions
Caixas com 50 unid. CE2F/N - 6025 grs. CE3F/N - 6190 grs.	Perfil de alumínio, zamak e aço inox	Fixação rápida.	Lacado e anodizado.
Box with 50 units. CE2F/N - 6025 grs. CE3F/N - 6190 grs.	Die casting Aluminium, zamak and stainless steel	Fast fixation.	Powder painting and hard anodized.
Caja con 50 unidad. CE2F/N - 6025 grs. CE3F/N - 6190 grs.	Aluminio, zamak y acero inox	Fijación rápida.	Lacado y anodizado.
Boîte avec 50 unit. CE2F/N - 6025 grs. CE3F/N - 6190 grs.	Aluminium, zamak et acier inox	Fixation rapide.	Laqué et anodisé.
Normas # Standard # Norma # Normatif	Observações # Comments # Observaciones # Observations		
Norma EN 1670, 1935	Adapta-se a todo o tipo de portas e janelas		
Standard EN 1670, 1935	It is compatible with all kind of doors and windows, standard and exterior opening		
Norma EN 1670, 1935	Se adapta a todo tipo de puertas y ventanas practicables normales y apertura exterior		
Normatif EN 1670, 1935	Adaptable à toutes les variétés de fenêtres d'ouverture standard et extérieure.		



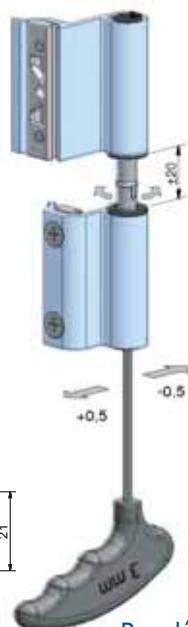
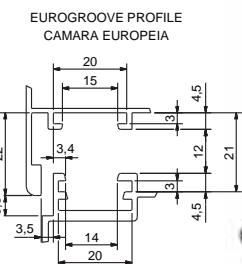
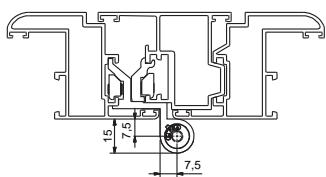
Dobradiças/Hinges/Bisagras/Paumelles

Dobradiças de câmara europeia / Hinges for european profiles

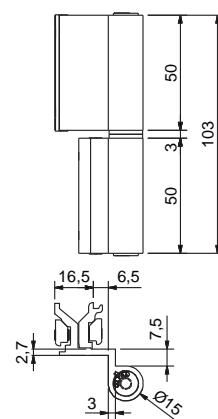
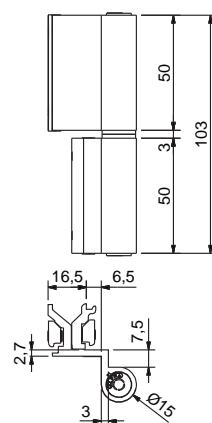
Bisagras de camara europea / Paumelles pour C.E.



CE3F



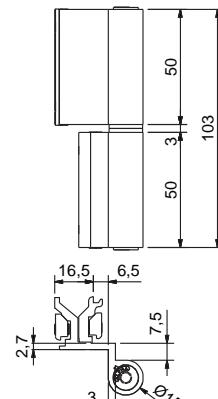
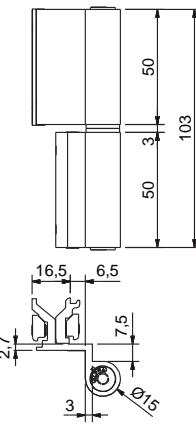
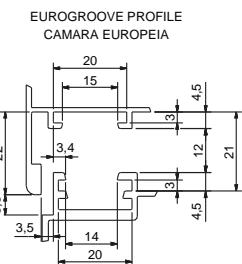
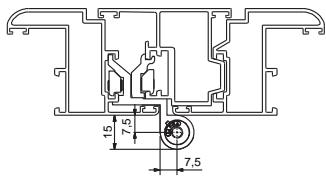
Regulável / adjustable
ajustable / réglable



Tested 80 Kg



CE3N



Tested 80 Kg

Embalagem # Packaging # Empaquetado # Emballage

Caixas com 50 unid. **CE2F/N** - 6025 grs. **CE3F/N** - 6190 grs. Perfil de alumínio, zamak e aço inox

Box with 50 units. **CE2F/N** - 6025 grs. **CE3F/N** - 6190 grs. Die casting Aluminium, zamak and stainless steel

Caja con 50 unidad. **CE2F/N** - 6025 grs. **CE3F/N** - 6190 grs. Aluminio, zamak y acero inox

Boîte avec 50 unit. **CE2F/N** - 6025 grs. **CE3F/N** - 6190 grs. Aluminium, zamak et acier inox

Materiais # Materials # Materiales # Matériaux

Perfil de alumínio, zamak e aço inox

Die casting Aluminium, zamak and stainless steel

Aluminio, zamak y acero inox

Aluminium, zamak et acier inox

Fixação # Fixing # Fijacion # Fixation

Fixação rápida.

Fast fixation.

Fijación rápida.

Fixation rapide.

Acabamento # Finishing # Acabados # Finitions

Lacado e anodizado.

Powder painting and hard anodized.

Lacado y anodizado.

Laqué et anodisé.

Normas # Standard # Norma # Normatif

Norma EN 1670

Standard EN 1670

Norma EN 1670

Normatif EN 1670

Observações # Comments # Observaciones # Observations

Adapta-se a todo o tipo de portas e janelas

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

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

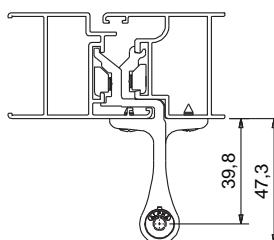
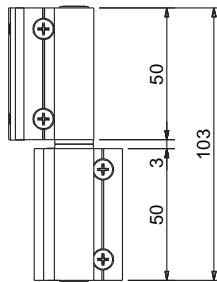
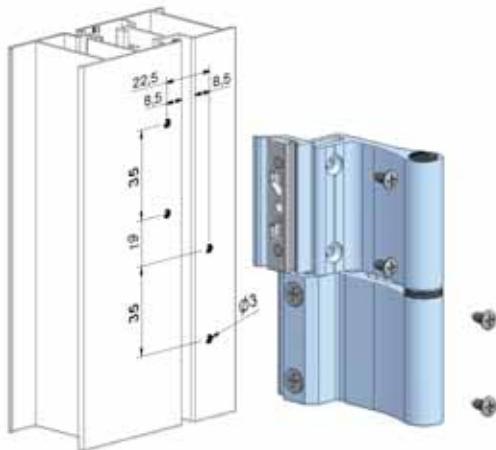
Adaptable à toutes les variétés de fenêtres d'ouverture standard et extérieure.





Dobradiças/Hinges/Bisagras/Paumelles

Dobradiças para portadas / Hinges for exterior open
Bisagras para apertura exterior / Paumelles pour ouverture exterieur



Tested 80 Kg

HPBA

Materiais # Materials # Materiales # Matériels

Perfil de alumínio, zamak e aço inox

Die casting Aluminium, zamak and stainless steel

Aluminio, zamak y acero inox

Aluminium, zamak et acier inox

Fixação # Fixing # Fijacion # Fixation

Fixação rápida.

Fast fixation.

Fijación rápida.

Fixation rapide.

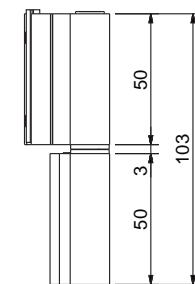
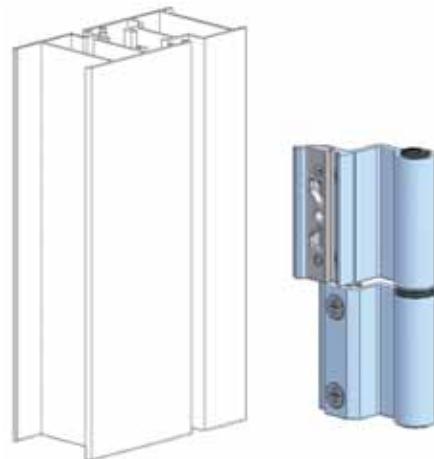
Acabamento # Finishing # Acabados # Finitions

Lacado e anodizado

Powder painting and hard anodized

Lacado y anodizado

Laqué et anodisé



Tested 80 Kg

HPA

Materiais # Materials # Materiales # Matériels

Perfil de alumínio, zamak e aço inox

Die casting Aluminium, zamak and stainless steel

Aluminio, zamak y acero inox

Aluminium, zamak et acier inox

Fixação # Fixing # Fijacion # Fixation

Fixação rápida.

Fast fixation.

Fijación rápida.

Fixation rapide.

Acabamento # Finishing # Acabados # Finitions

Lacado e anodizado.

Powder painting and hard anodized.

Lacado y anodizado.

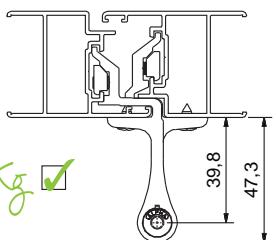
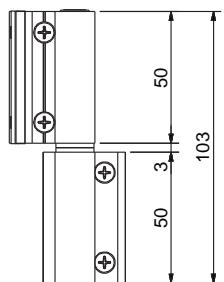
Laqué et anodisé.



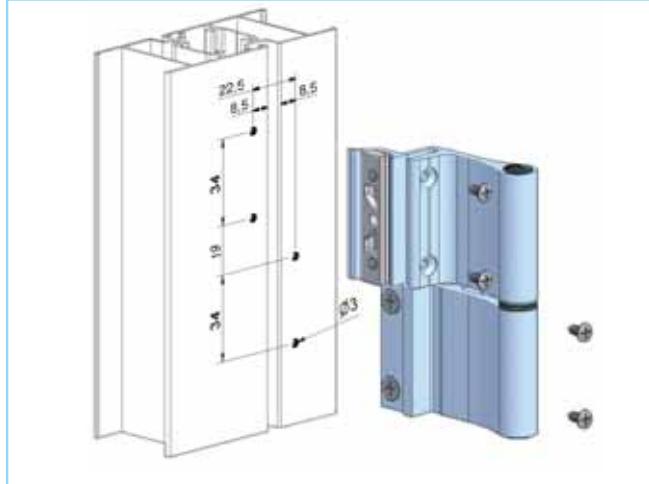
Dobradiças/Hinges/Bisagras/Paumelles

Dobradiças para portadas / Hinges for exterior open

Bisagras para apertura exterior / Paumelles pour ouverture extérieur



Tested 80 Kg ✓



HPBF

Materiais # Materials # Materiales # Matériaux

Perfil de alumínio, zamak e aço inox

Die casting Aluminium, zamak and stainless steel

Aluminio, zamak y acero inox

Aluminium, zamak et acier inox

Fixação # Fixing # Fijacion # Fixation

Fixação rápida.

Fast fixation.

Fijación rápida.

Fixation rapide.

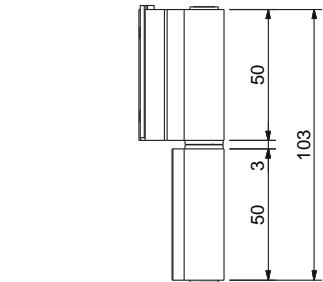
Acabamento # Finishing # Acabados # Finitions

Lacado e anodizado

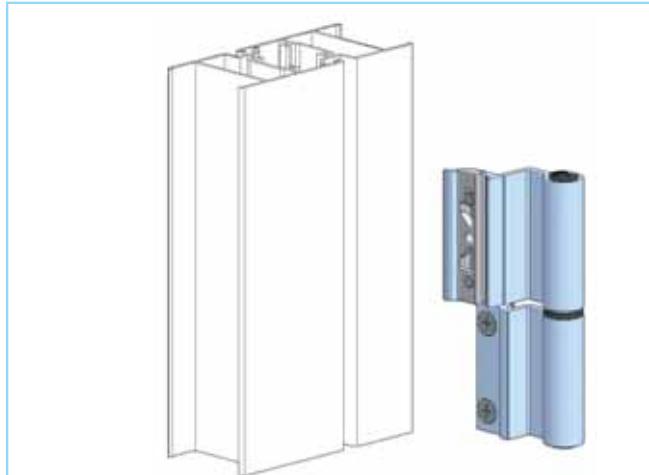
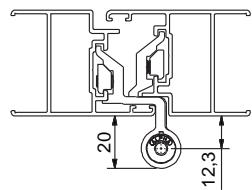
Powder painting and hard anodized

Lacado y anodizado

Laqué et anodisé



Tested 80 Kg ✓



HPF

Materiais # Materials # Materiales # Matériaux

Perfil de alumínio, zamak e aço inox

Die casting Aluminium, zamak and stainless steel

Aluminio, zamak y acero inox

Aluminium, zamak et acier inox

Fixação # Fixing # Fijacion # Fixation

Fixação rápida.

Fast fixation.

Fijación rápida.

Fixation rapide.

Acabamento # Finishing # Acabados # Finitions

Lacado e anodizado.

Powder painting and hard anodized.

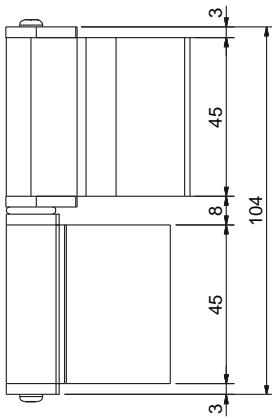
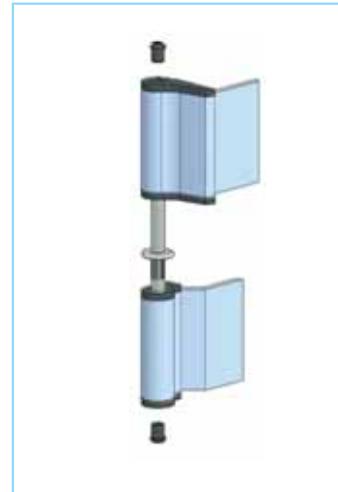
Lacado y anodizado.

Laqué et anodisé.

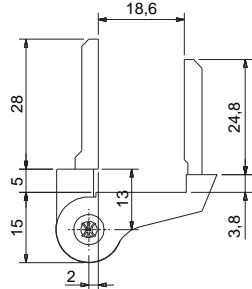


Dobradiças/Hinges/Bisagras/Paumelles

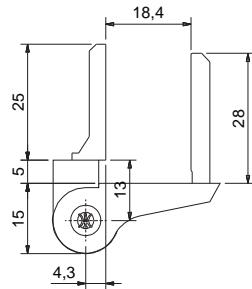
Dobradiças / Hinges
Bisagras / Paumelles



PR



PT



Materiais # Materials # Materiales # Matériaux

Perfil de alumínio
Alluminium
Aluminio
Aluminium

Acabamento # Finishing # Acabados # Finitions

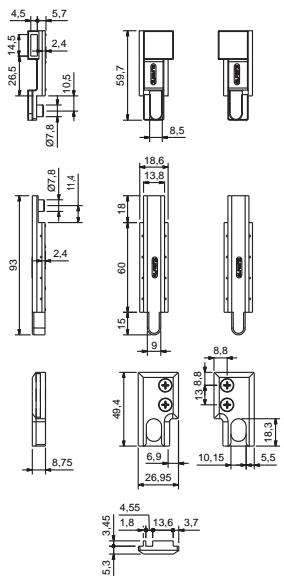
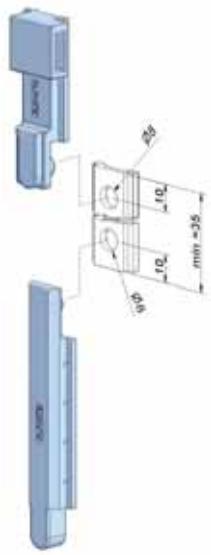
Lacado e anodizado.
Powder painting and hard anodized.
Lacado y anodizado.
Laqué et anodisé.





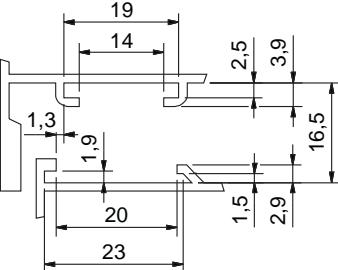
Complementos / Kits
Complements / Kits
Complementos / Kits
Compléments / Kits

Complementos / Complements / Complementos / Compléments

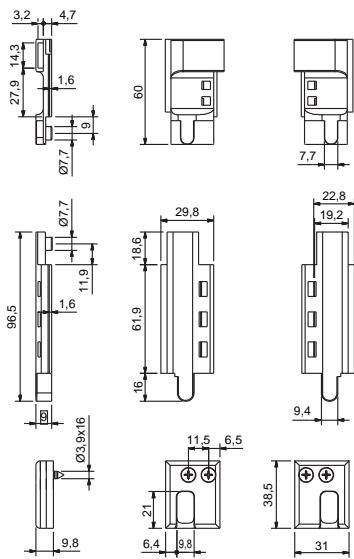
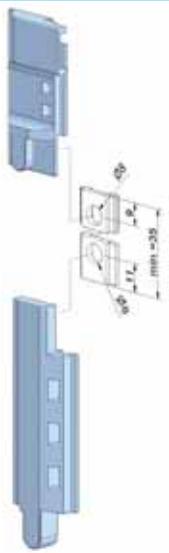


S4
Cód. 15805

PROFILE / CAMARA

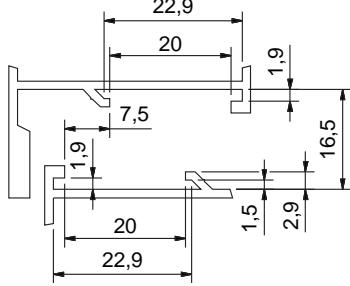


Emb. 20 gr/emb. 1035

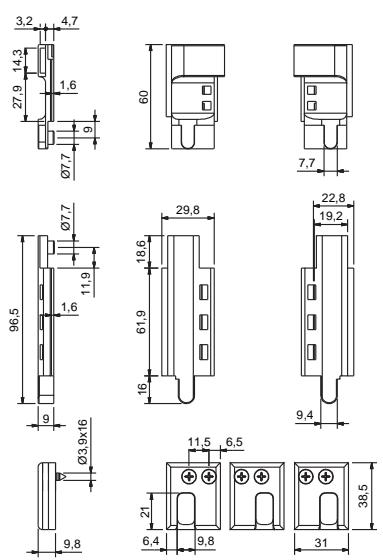
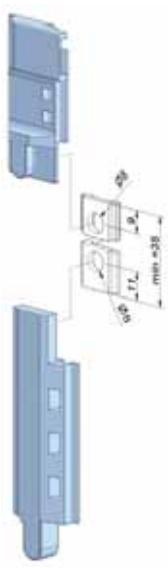


S1
Cód. 15801

PROFILE / CAMARA

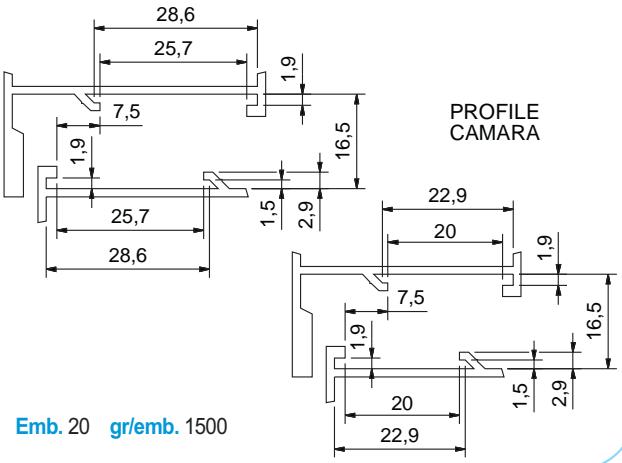


Emb. 20 gr/emb. 1400



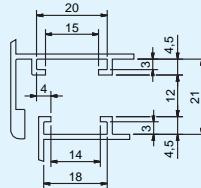
S5
Cód. 15806

PROFILE
CAMARA

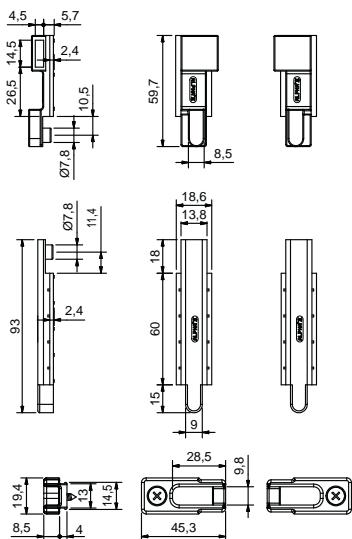
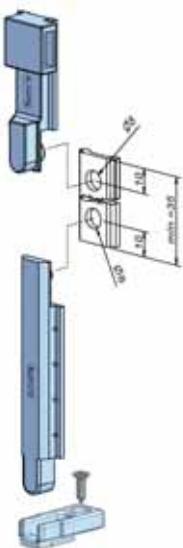


Emb. 20 gr/emb. 1500

EUROGROOVE PROFILE
CAMARA EUROPEIA

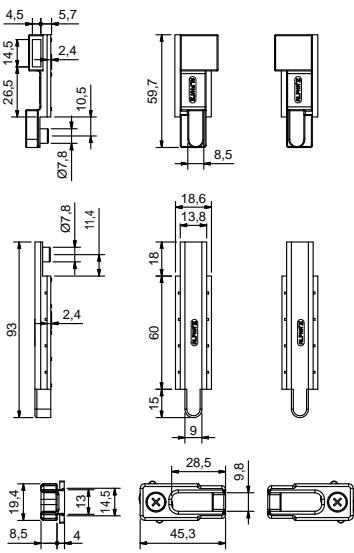
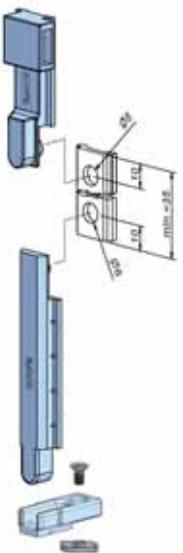


Complementos / Complements / Complementos / Compléments



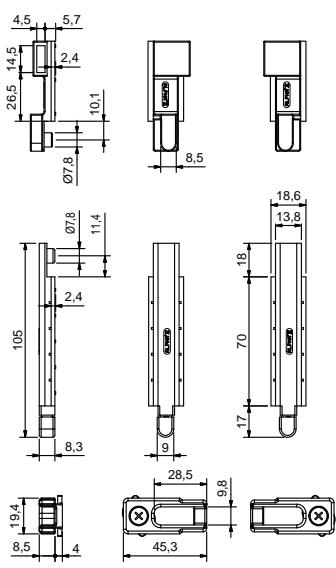
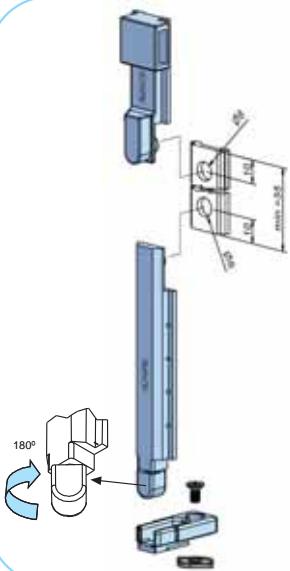
S2
Cód. 15803
Kit euro

Emb. 20 gr/emb. 1000



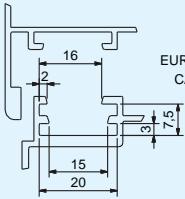
S2i
Cód. 158151
Kit euro (porca e parafuso INOX)
CE 13126-8

Emb. 20 gr/emb. 1180



Cód. 33013
Kit euro (porca e parafuso INOX.
Ponteira de afinação)

Emb. 30 gr/emb. 2240

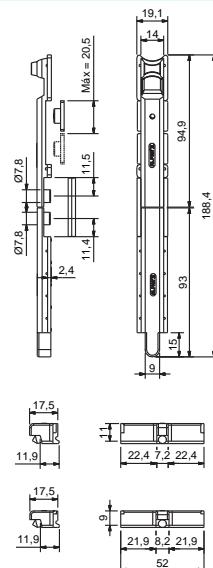


EUROGROOVE PROFILE
CÂMARA EUROPEIA

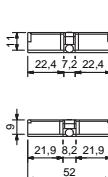
Complementos / Complements / Complementos / Compléments



33001



33003



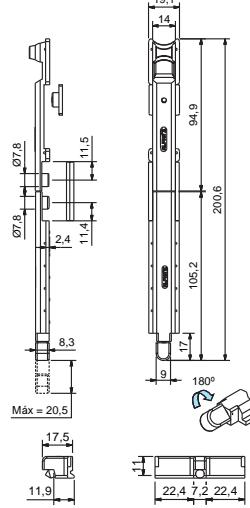
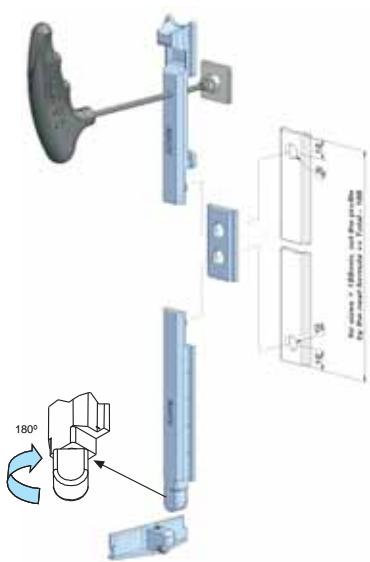
Cód. 33001

Fecho de 2^a Folha
para Câmara Europeia (Standard)
Hidden inner frame catch
Pasador para hoja passiva
Verrou caché vautail passif

Cód. 33003

Fecho de 2^a Folha para Câmara Europeia
(Baixo)
Low
Bajo
Bas

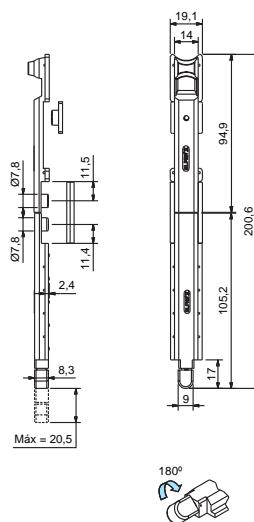
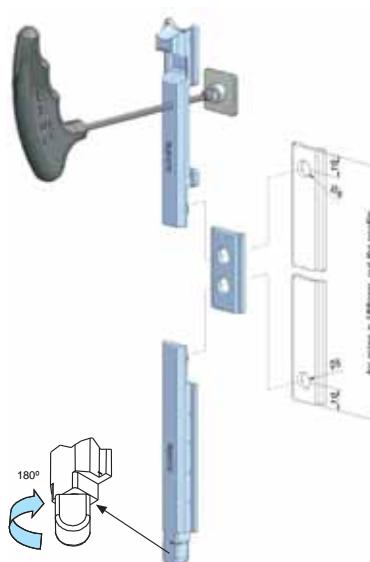
Emb. 50 gr/emb. 2245



Cód. 33015

Fecho de 2^a Folha c/ terminal de afinação
para Câmara Europeia (Standard)
Hidden inner frame catch adjustable
Pasador para hoja passiva Con regulación
Verrou caché vautail passif avec régulation

Emb. 50 gr/emb. 2245



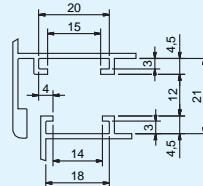
Cód. 33024

Fecho de 2^a Folha para Câmara Europeia
(Standard) sem terminal de afinação.
Hidden inner frame catch without baselock
Pasador para hoja passiva sin cerradero
Verrou caché vautail passif sans fermeture

Emb. 50

Complementos / Complements / Complementos / Compléments

EUROGROOVE PROFILE
CAMARA EUROPEIA



Cód. 33014
Kit euro 2 folhas.
Contra fecho
duplo em zamak

180°

Emb. 20 gr/emb. 3085

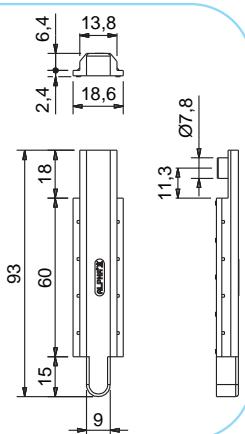


Cód. 33025
Kit euro 2 folhas.
Contra fecho
duplo em nylon

180°

Emb. 20 gr/emb. 3025

33005



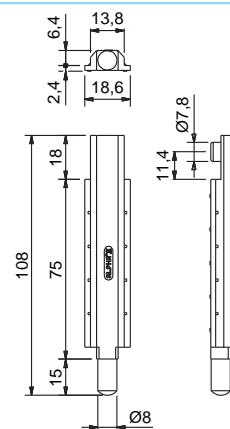
Emb. 50 gr/emb. 4158

33006

CE 13126-8



INOX
8 mm

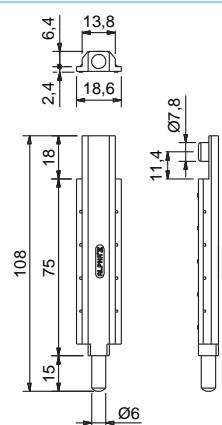


Emb. 50 gr/emb. 2000

33017



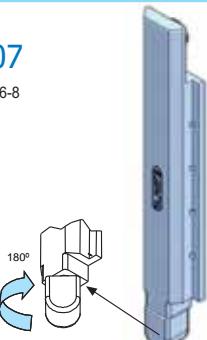
INOX
6 mm



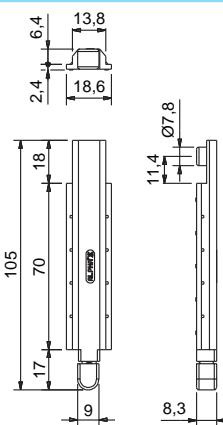
Emb. 50 gr/emb. 2000

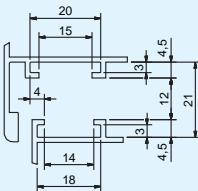
33007

CE 13126-8



Emb. 50 gr/emb. 850





EUROGROOVE PROFILE
CAMARA EUROPEA

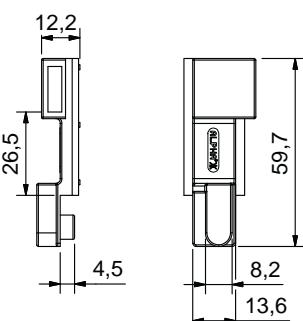
Complementos / Complements / Complementos / Compléments

33008

Nylon

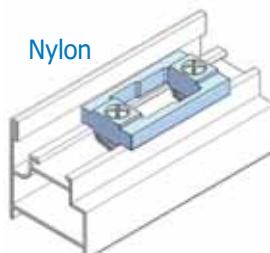


Emb. 100 gr/emb. 1530

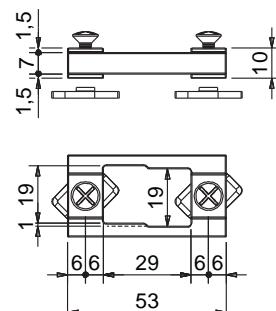


33010

Nylon

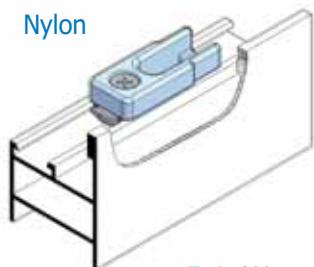


Emb. 50 gr/emb. 2410

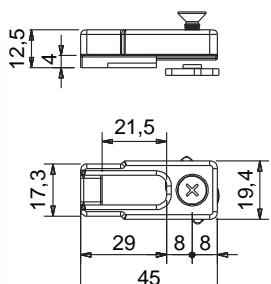


33009

Nylon

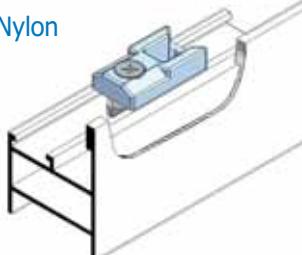


Emb. 200 gr/emb. 2410

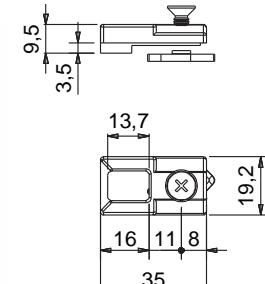


33018

Nylon

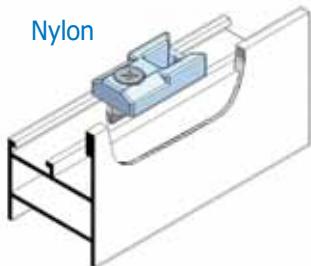


Emb. 200 gr/emb. 2410

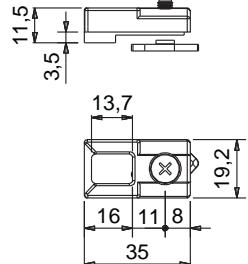


33019

Nylon

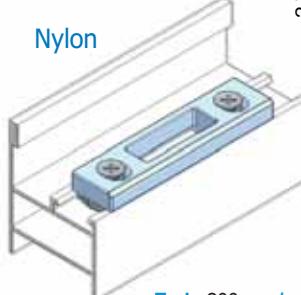


Emb. 200 gr/emb. 2410

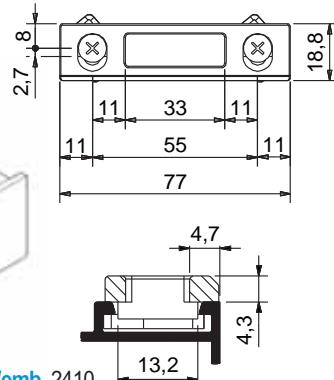


33020

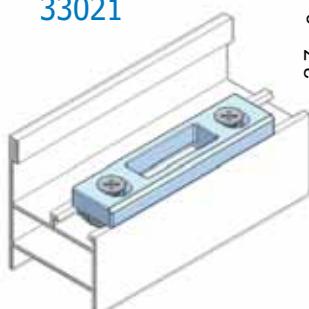
Nylon



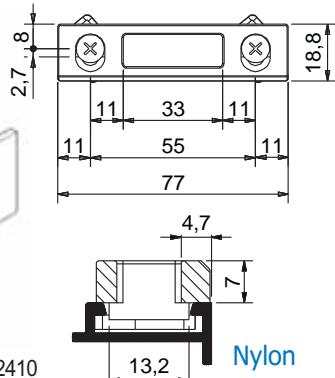
Emb. 200 gr/emb. 2410



33021

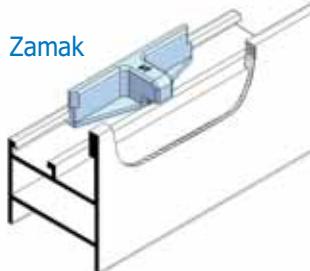


Emb. 200 gr/emb. 2410

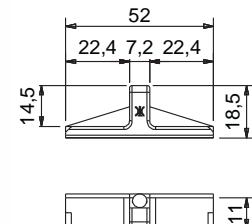


33022

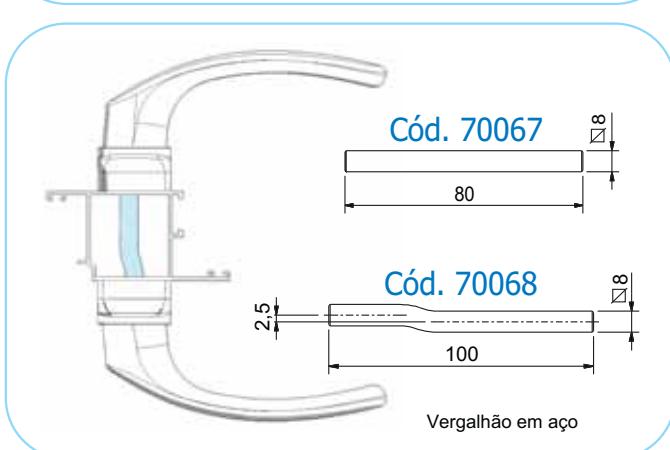
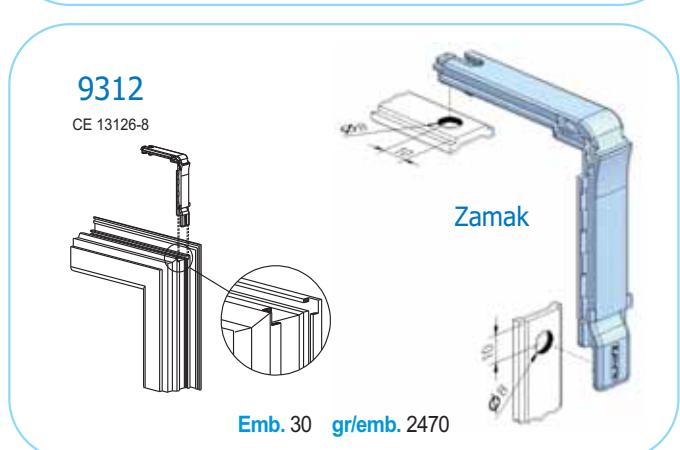
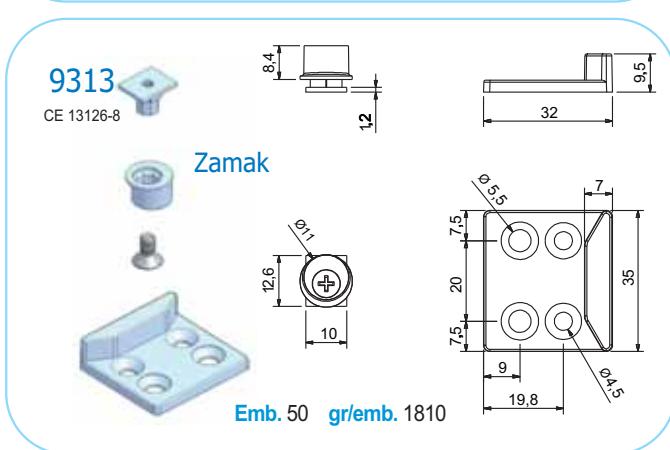
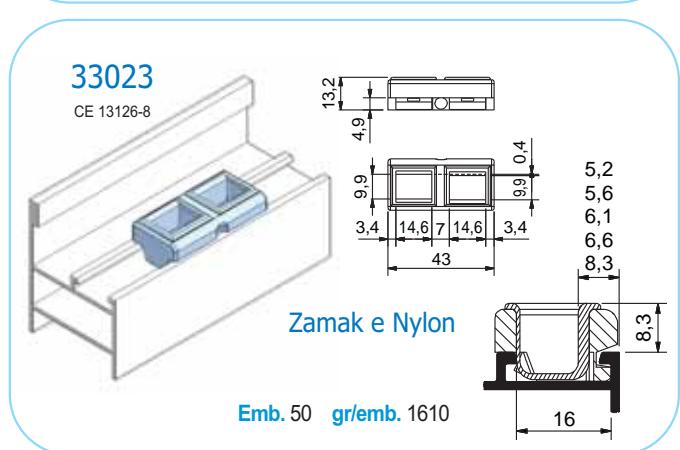
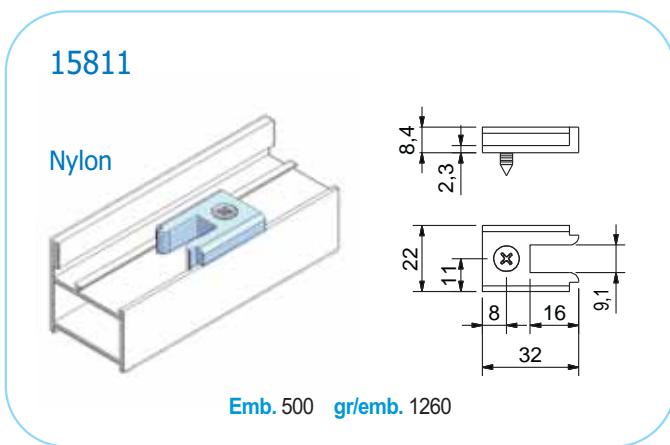
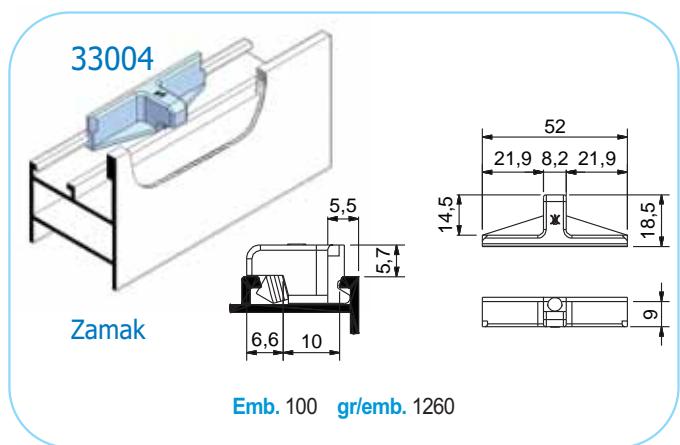
Zamak

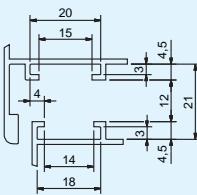


Emb. 100 gr/emb. 1260



Complementos / Complements / Complementos / Compléments



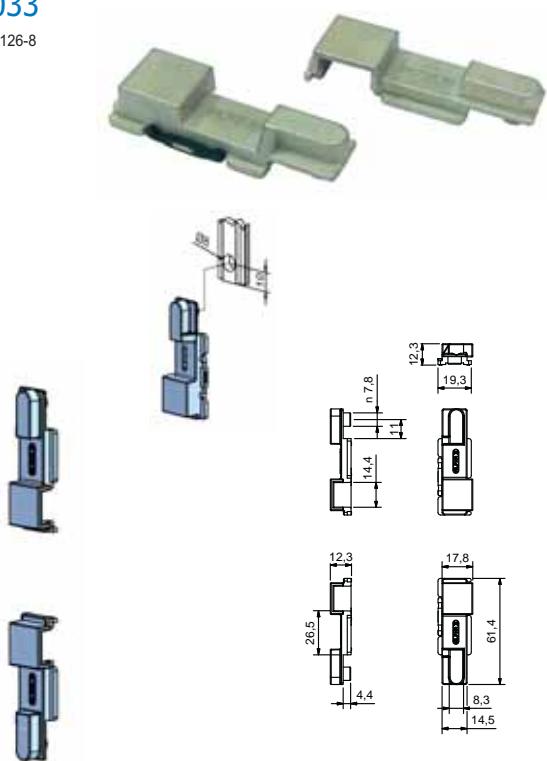


EUROGROOVE PROFILE
CAMARA EUROPEIA

Complementos / Complements / Complementos / Compléments

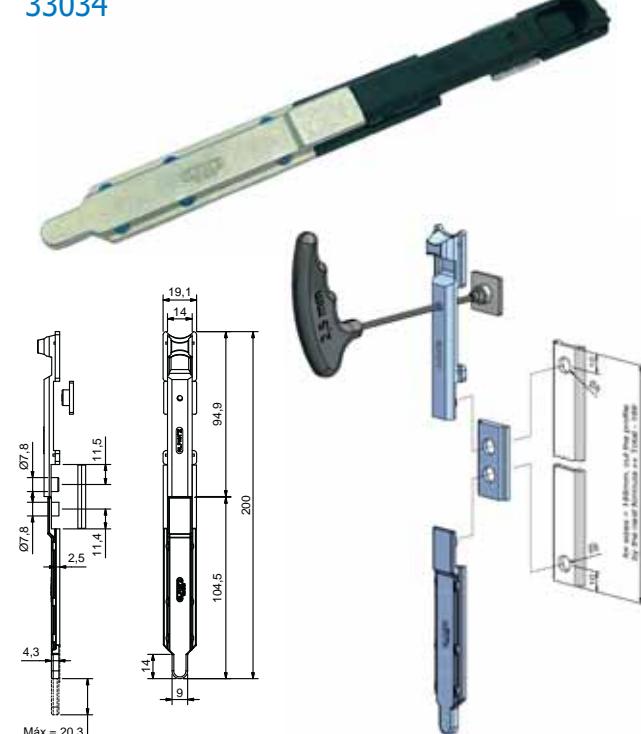
33033

CE 13126-8



Emb. 20 gr/emb. 1180

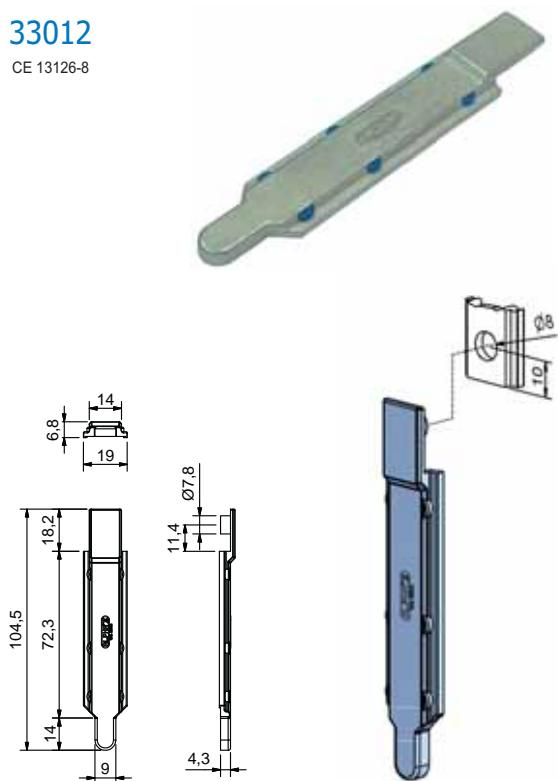
33034



Emb. 50 gr/emb.

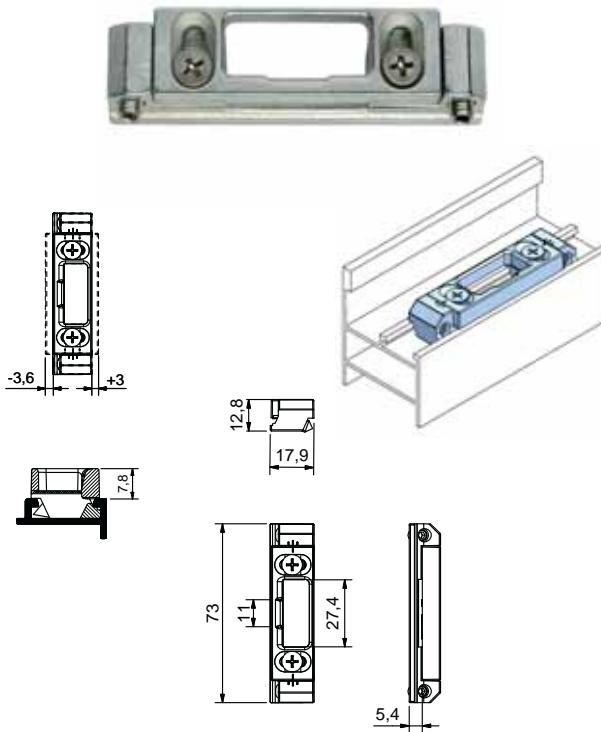
33012

CE 13126-8



Emb. 100 gr/emb. 2785

18234

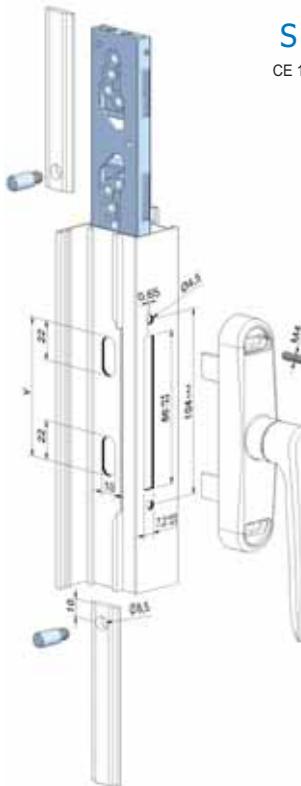


Emb. 30 gr/emb. 1850

ALPHA



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Diverse
Diversos
Divers

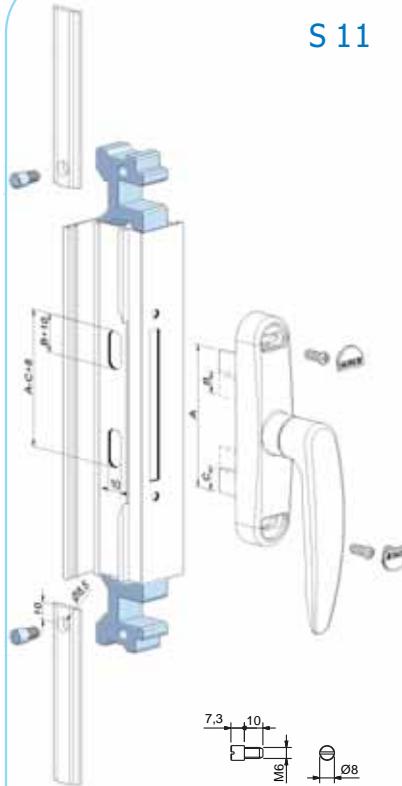


S 12

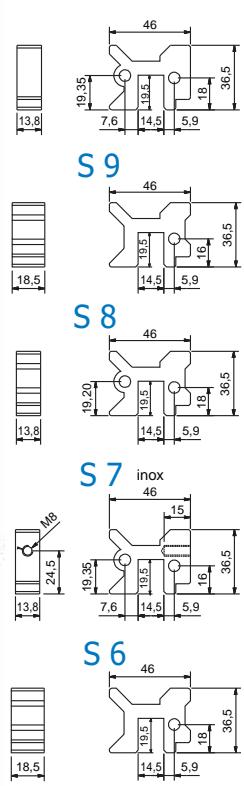
CE 13126-8

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

Emb. 20 gr/emb. 1135



S 11



S 9

S 8

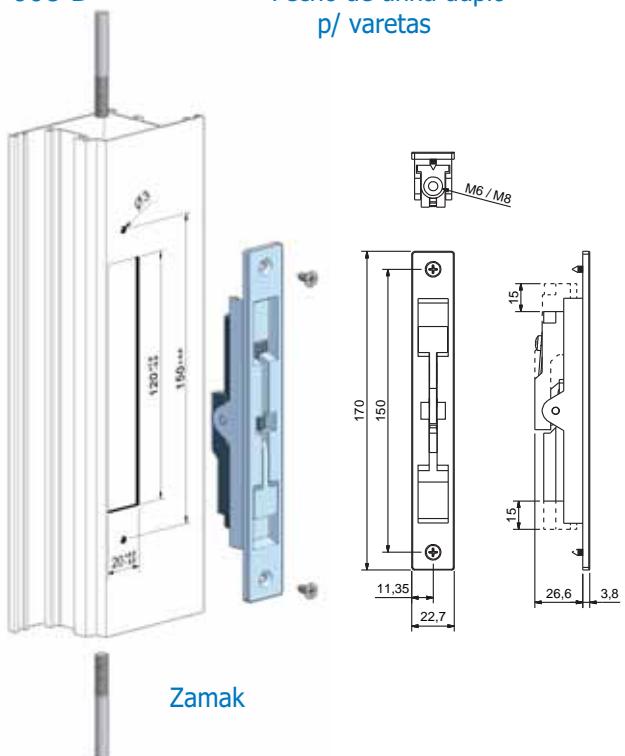
S 7

S 6

Emb. 40 gr/emb. 1600

608 D

Fecho de unha duplo
p/ varetas

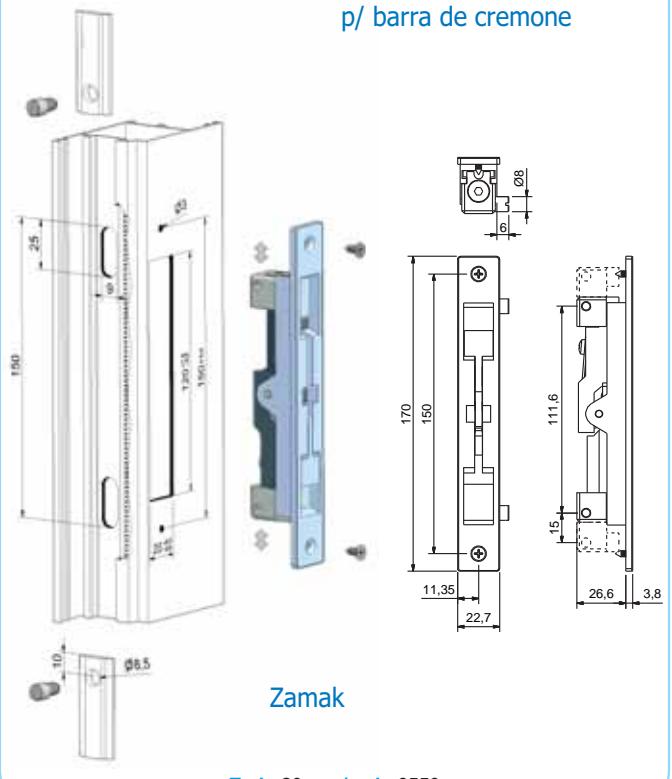


Zamak

Emb. 20 gr/emb. 6000

608 M

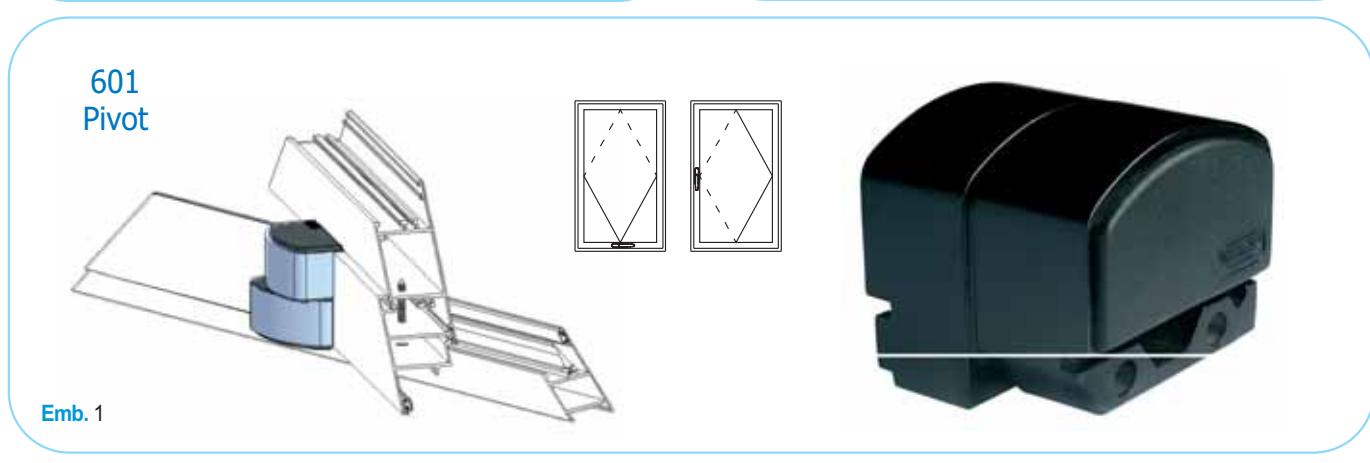
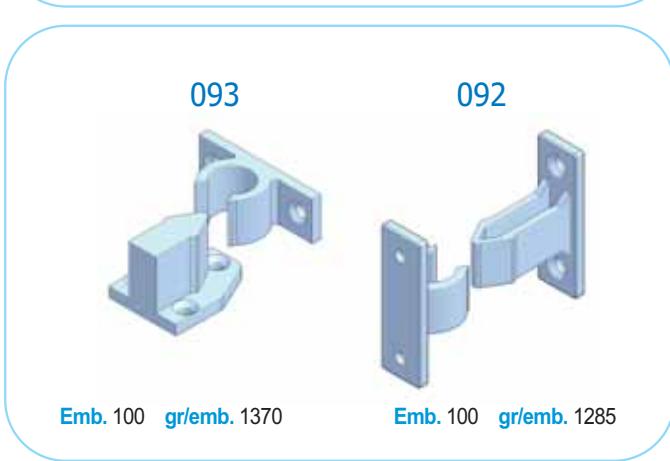
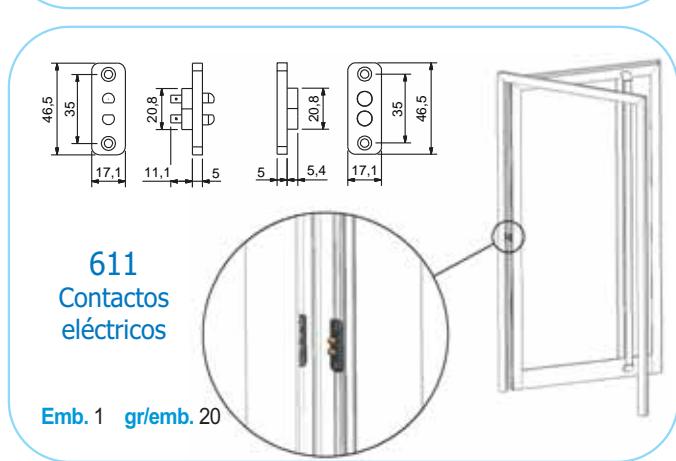
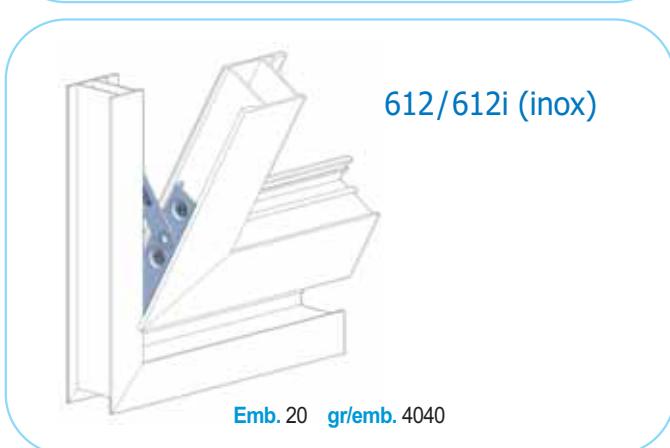
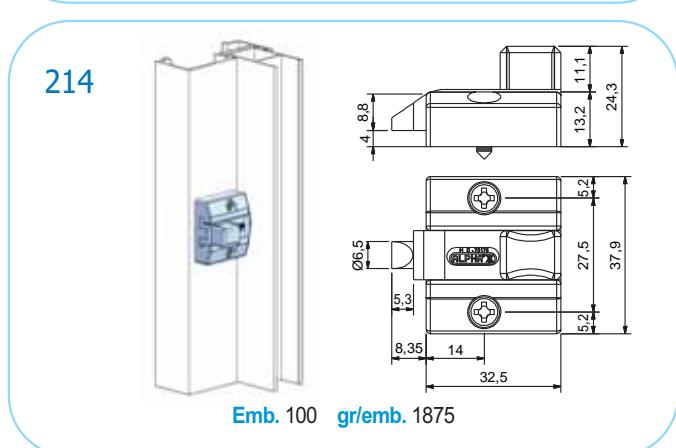
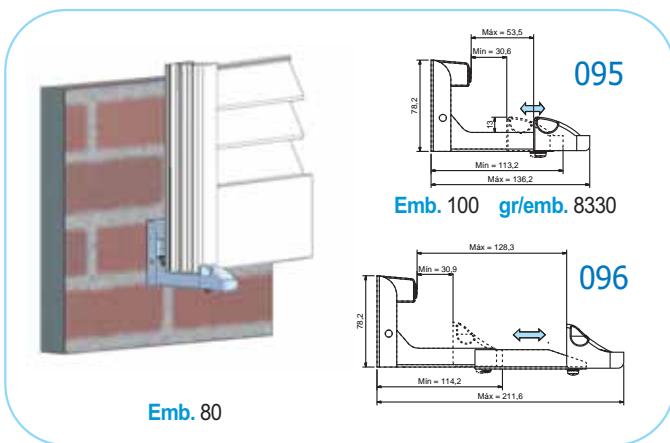
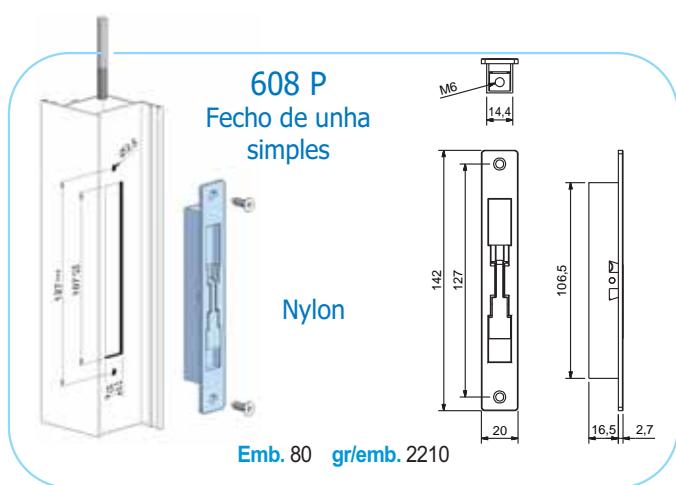
Fecho de unha duplo
p/ barra de cremone



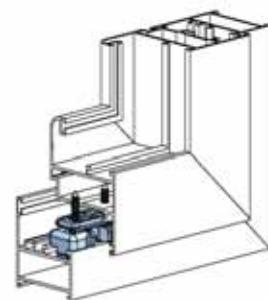
Zamak

Emb. 20 gr/emb. 6550

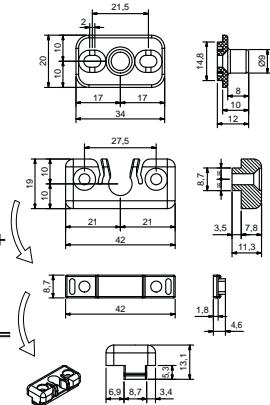
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33011
2F-AT

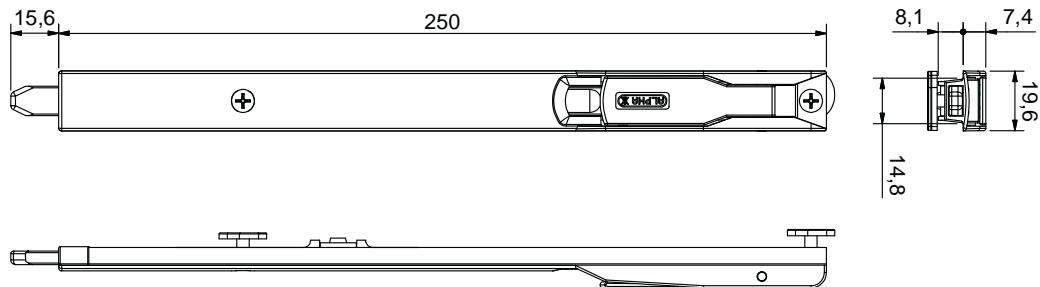


Emb. 50 gr/emb. 1260



33035

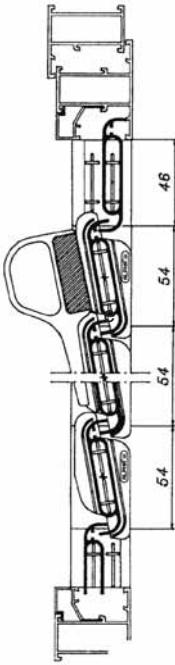
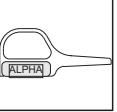
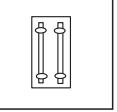
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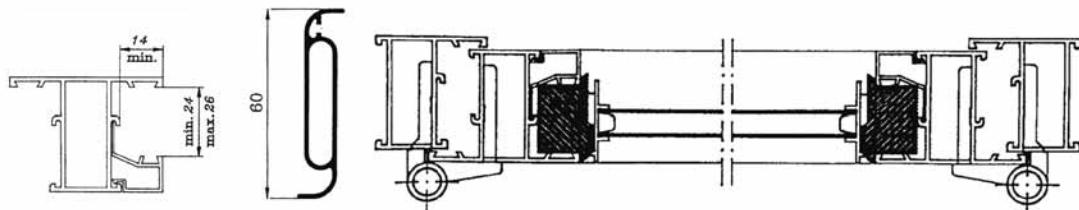


Emb. 10 gr/emb. 1400

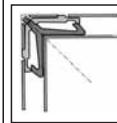
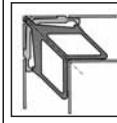
Diversos / Diverse / Diversos / Divers

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

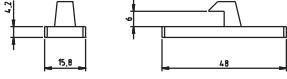
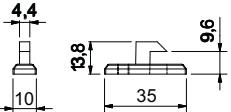
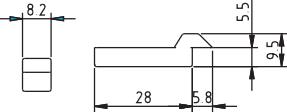
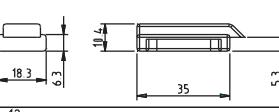
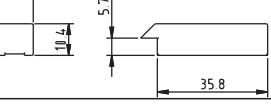
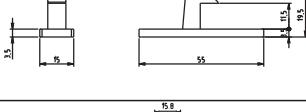
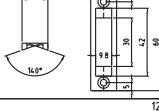
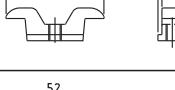
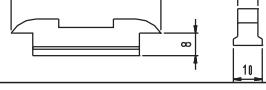
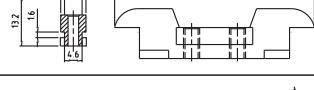
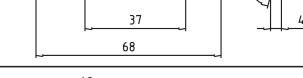
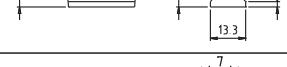
	Ref.	Designação	Un.	Emb.	gr/emb.	Acabamento	Cores*	Observações
	PRTK (MEC)	Porta lamelas Blades holder Suporte de lama Support de lames	Par Pair	150	5700gr		Preto e branco Black and white Negro y blanco Noir et blanc	
	PRTK (COM)	Comando Command Comando Commande	1	50	2195gr		Preto e branco Black and white Negro y blanco Noir et blanc	
	PRTK (TRM)	Peça terminal Terminal part Pieza terminal Pièce terminale	1	150	1000gr		Preto e branco Black and white Negro y blanco Noir et blanc	



Esquadros / Corner joints / Escuadra / Équerre

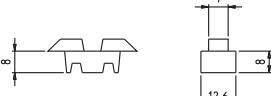
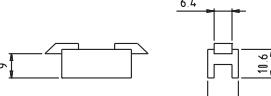
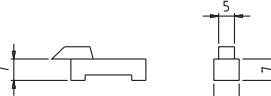
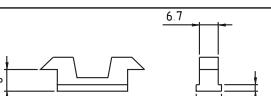
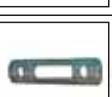
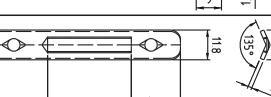
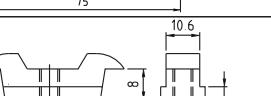
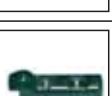
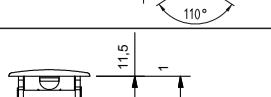
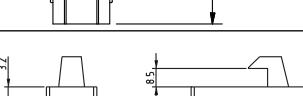
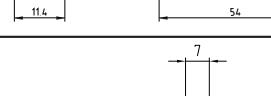
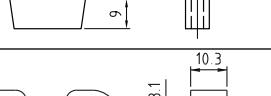
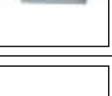
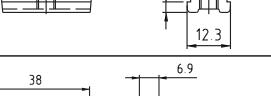
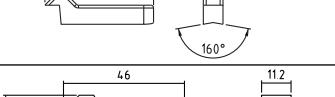
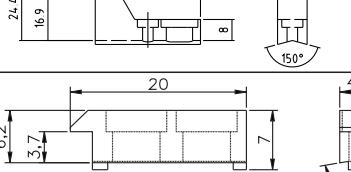
	Ref.	Designação	Un.	Emb.	gr/emb.		LARGURA / WIDTH /ANCHURA / LARGEUR		ALTURAS / HEIGHT / ALTURA / TAILLE																															
	702	Esquadro em alumínio Aluminium corner joint Esquadra en aluminio Equerre en aluminium	1	150	0000gr	702	<table border="1"> <tr> <td></td><td>1 26,7</td><td>2 30,6</td><td>3 32,2</td><td>4 34,2</td><td>5 36,2</td><td>6 26,0</td><td>7 29,5</td></tr> <tr> <td>A 10,5</td><td>A1</td><td>A2</td><td>A3</td><td>A4</td><td></td><td>A6</td><td>A7</td></tr> <tr> <td>B 14,0</td><td>B1</td><td></td><td>B3</td><td>B4</td><td>B5</td><td></td><td></td></tr> </table>		1 26,7	2 30,6	3 32,2	4 34,2	5 36,2	6 26,0	7 29,5	A 10,5	A1	A2	A3	A4		A6	A7	B 14,0	B1		B3	B4	B5											
	1 26,7	2 30,6	3 32,2	4 34,2	5 36,2	6 26,0	7 29,5																																	
A 10,5	A1	A2	A3	A4		A6	A7																																	
B 14,0	B1		B3	B4	B5																																			
	703	Esquadro em alumínio Aluminium corner joint Esquadra en aluminio Equerre en aluminium	1	100	0000gr	703	<table border="1"> <tr> <td>C 17,5</td><td>C1</td><td></td><td>C3</td><td>C4</td><td>C5</td><td></td><td></td></tr> <tr> <td>D 26,0</td><td></td><td></td><td></td><td>D4</td><td></td><td></td><td></td></tr> <tr> <td>E 30,0</td><td>E1</td><td>E2</td><td>E3</td><td>E4</td><td>E5</td><td>E6</td><td>E7</td></tr> <tr> <td>F 38,0</td><td></td><td></td><td></td><td>F4</td><td></td><td></td><td></td></tr> </table>	C 17,5	C1		C3	C4	C5			D 26,0				D4				E 30,0	E1	E2	E3	E4	E5	E6	E7	F 38,0				F4				
C 17,5	C1		C3	C4	C5																																			
D 26,0				D4																																				
E 30,0	E1	E2	E3	E4	E5	E6	E7																																	
F 38,0				F4																																				

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

	Ref.	Designação	Un.	Emb.	gr/emb.	
	G1	Gache	1	25	235gr	
	G3	Gache	1	25	235gr	
	G5	Gache	1	25	245gr	
	G7	Gache	1	25	690gr	
	G9	Gache	1	25	600gr	
	G10	Gache	1	25	530gr	
	G13	Gache	1	25	330gr	
	G14	Gache	1	25	435gr	
	G15	Gache	1	25	570gr	
	G16	Gache	1	25	380gr	
	G17	Gache	1	25	280gr	
	G18	Gache	1	25	235gr	
	G19	Gache	1	25	375gr	
	G20	Gache	1	25	280gr	

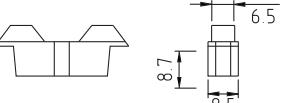
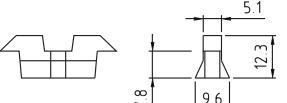
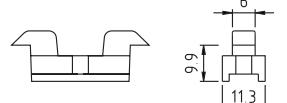
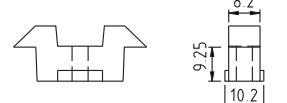
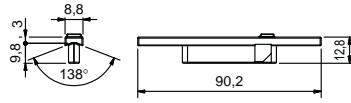
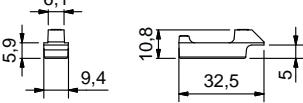
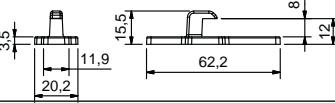
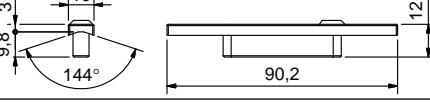
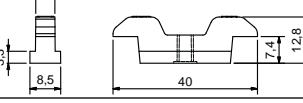
Diversos/Diverse/Diversos/Divers

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

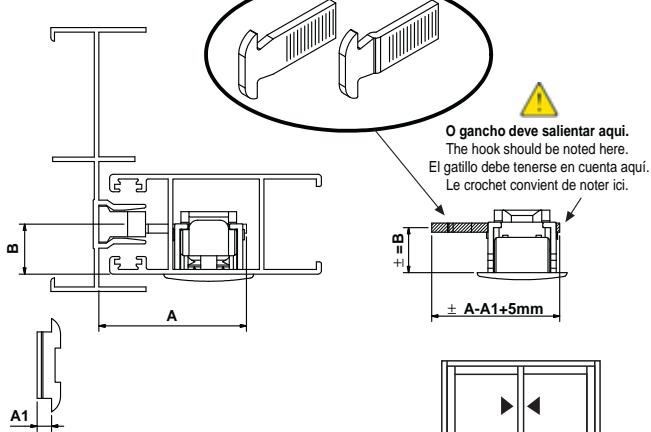
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	G23	Gache	1	25	225gr	
	G24	Gache	1	25	420gr	
	G25	Gache	1	25	250gr	
	G26	Gache INOX	1	25	225gr	
	G27	Gache	1	25	570gr	
	G28	Gache	1	25		
	G29	Gache	1	25		
	G30	Gache	1	25	250gr	
	G31	Gache	1	25	280gr	
	G32	Gache	1	25	485gr	
	G33	Gache	1	25		
	G34	Gache	1	25		
	G39	Gache	1	25	412gr	

Diversos/Diverse/Diversos/Divers

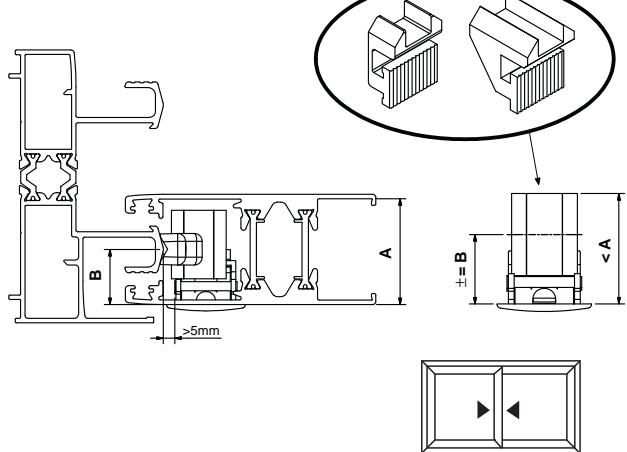
Gaches para fechos de embutir / Counter plate for sliding lock
Contra cierre para cierre de embutir / Serrures pour fermeture latérale

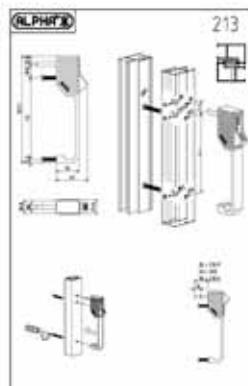
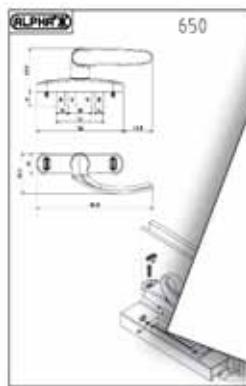
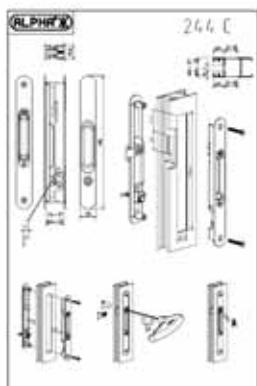
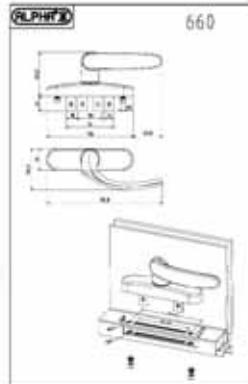
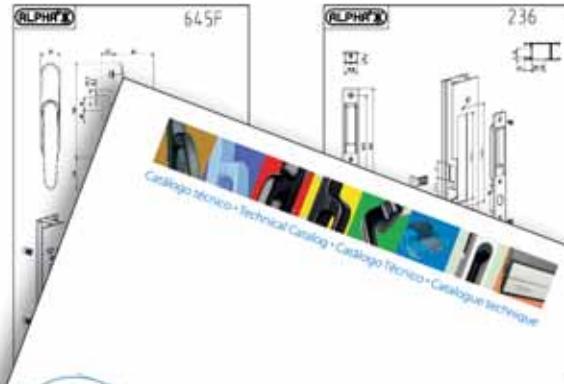
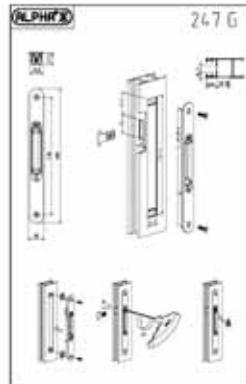
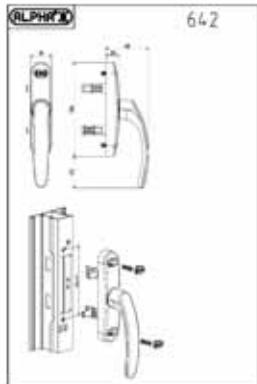
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	G41	Gache	1	25	300gr	
	G42	Gache	1	25	300gr	
	G43	Gache	1	25	385gr	
	G47	Gache	1	25	405gr	
	G49	Gache	1	25	225gr	
	G50	Gache	1	25	420gr	
	G51	Gache	1	25	250gr	
	G52	Gache INOX	1	25	225gr	

Exemplos / Examples
Ejemplo / Exemple



Exemplos / Examples
Ejemplo / Exemple





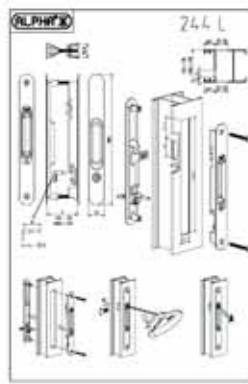
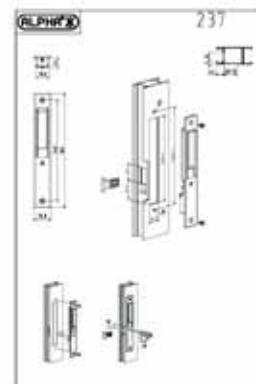
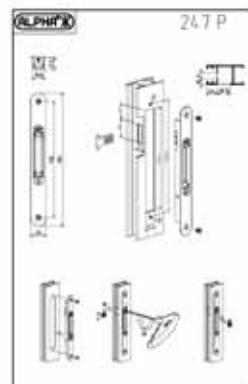
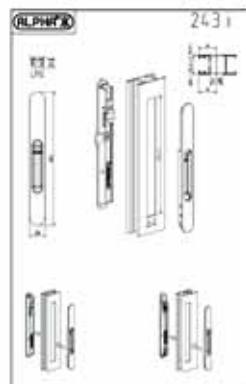
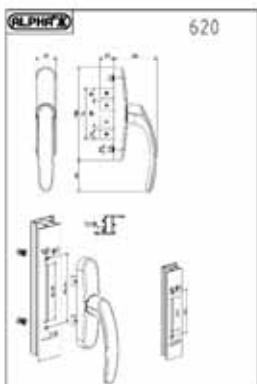
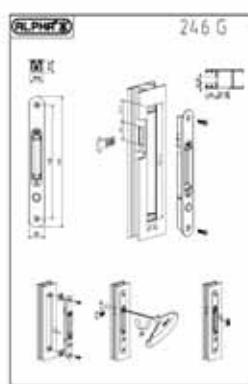
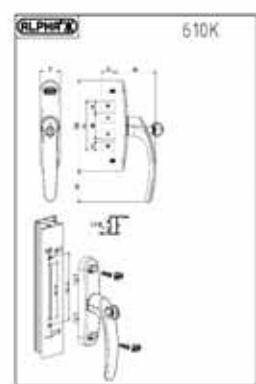
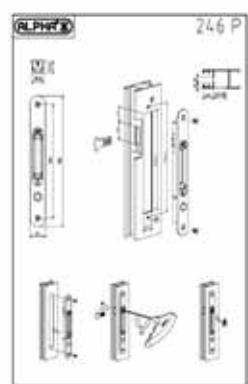
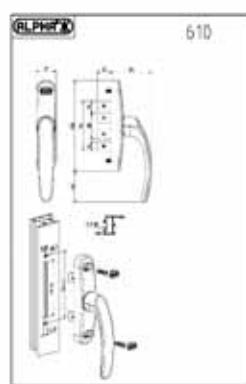
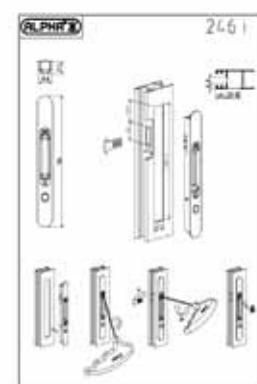
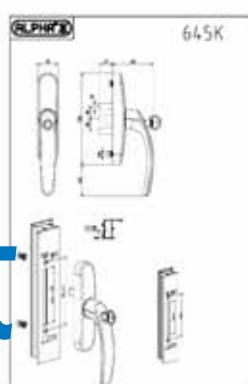
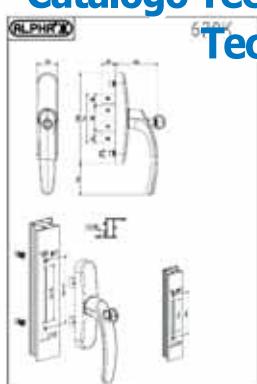
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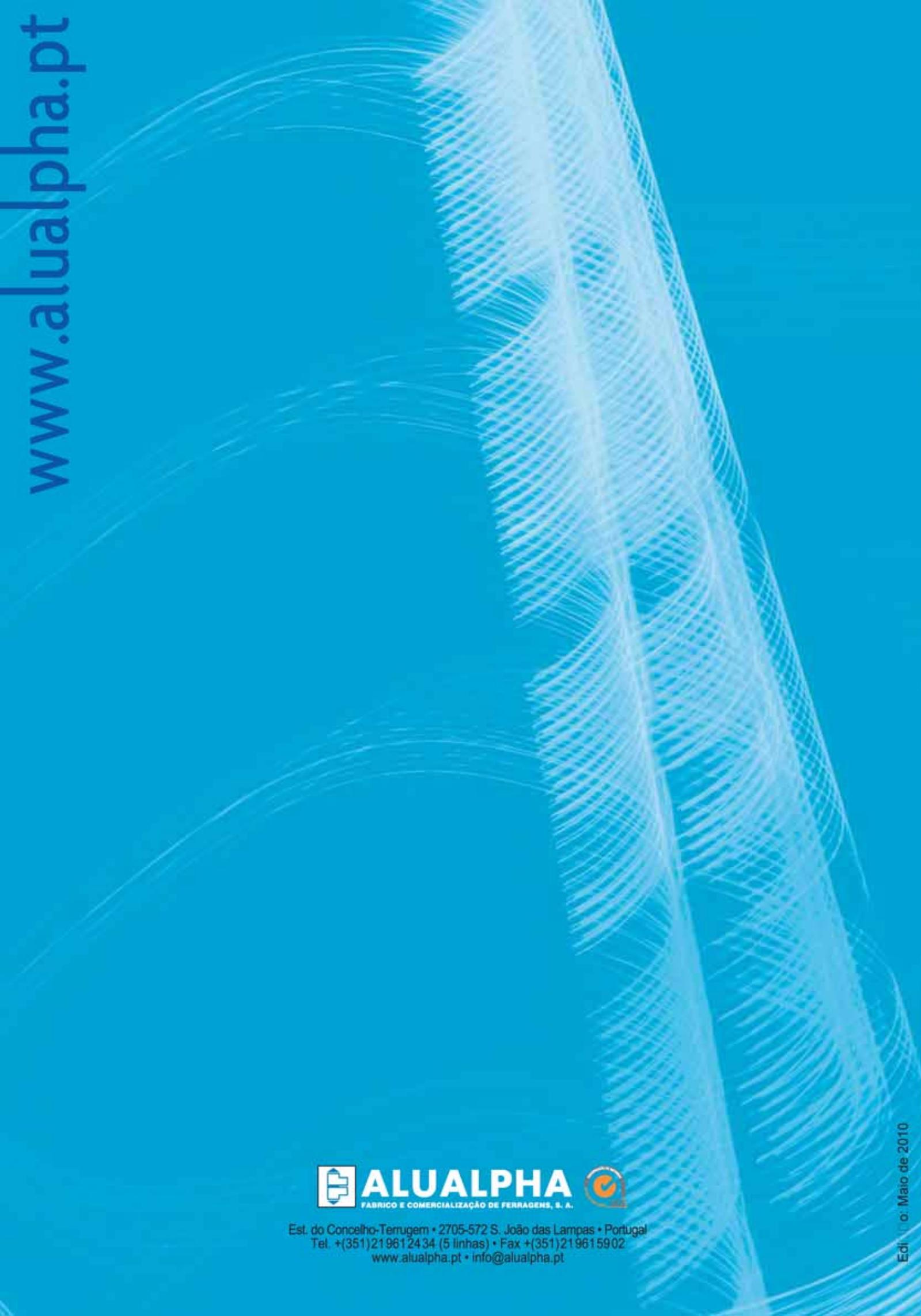
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