



TILT-AND-TURN MECHANISM

GALICUBE

Made in Italy

fapim®

Life in evolution

IT GB F E PT





TILT-AND-TURN MECHANISM

GALICUBE

 Made in Italy

fapim®

Life in evolution

Universale ed applicabile su ogni profilo a Camera Europea
Universal and applicable on all Eurogroove profiles
Universel et applicable sur tout profil à Chambre Européenne
Universal y aplicable sobre cualquier perfil de cámara europea
Universal e aplicable sobre cualquier perfil de Câmara Europeia



Semplice nella regolazione e rapido nel montaggio
Ease of adjustment and quick assembly
Simple dans le réglage et rapide au montage
Sencillo en su regulación y rápido en el montaje
Simples na sua regulação e montagem rápida

GALICUBE

Performante, grazie a materiali e soluzioni tecniche innovative
Performing, due to innovative materials and technical solutions
Performance, grâce à des matériaux et des solutions techniques innovants
Alto rendimiento, gracias a materiales y soluciones técnicas innovadoras
Alto rendimiento, graças a materiais e soluções técnicas inovadoras

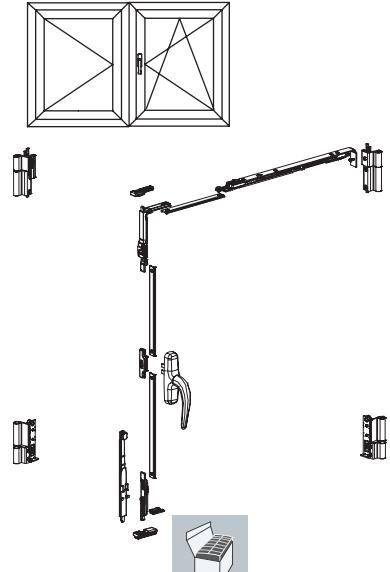
Versatile grazie alla vasta gamma di accessori che permettono di soddisfare qualsiasi necessità
Versatile due to the wide range of accessories allowing to meet all needs
Versatile grâce à la grande gamme d'accessoires qui permettent de satisfaire toute exigence
Versátil gracias a la amplia gama de accesorios que permiten cumplir con cualquier necesidad
Alto rendimiento, gracias a materiales e soluciones técnicas inovadoras

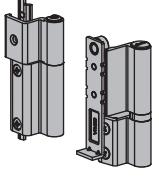
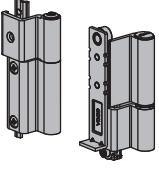
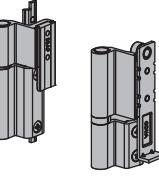
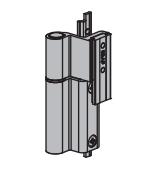
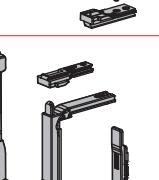
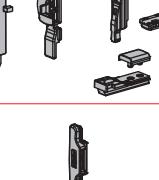


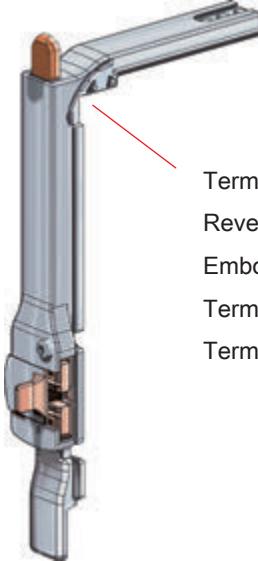
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GALICUBE 110	GALICUBE 130										Kg	
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 1330AA 1330BA 1332AA 1332BA 1334AA 1334BA 1pz → 1x10	1330AA				1401Ai	1448Ai	10x14.5 12x15 13.6x16.8 14x18			110
	1330BA					1448Bi				
	1332AA	0757Bi	1559A	1461i	1402Ai	1448Ai	13.6x16.8 14x18			
	1332BA					1448Bi				
	1334AA				1402Bi	1448Ai	10x14.5 12x15			
	1334BA					1448Bi				
										1x10

 1331FA 1331GA 1333FA 1333GA 1335FA 1335GA 1pz → 1x10	1331FA				1401Ai 1404Ai	1448Ai	10x14.5 12x15 13.6x16.8 14x18			110
	1331GA					1448Bi				
	1333FA	0757Bi	1559A	1462Ai	1402Ai 1404Ai	1448Ai	13.6x16.8 14x18	13.6x16.8 14x18		
	1333GA					1448Bi				
	1335FA				1402Bi 1404Ai	1448Ai	10x14.5 12x15			
	1335GA					1448Bi				
										1x10

GALICUBE 110	GALICUBE 130			L	C.E.	C.E.	Kg	
		1401Ai	●	●	10x14.5 12x15 13.6x16.8 14x18		110	
		1402Ai	●	●	13.6x16.8 14x18		130	50
		1402Bi	●	●	10x14.5 12x15		130	
		1404Ai		●			130	
		1409A		●			10	
		1448	●	●	364 ÷ 700		130	50
		1448Ai	●	●	402 ÷ 750		130	10
		1448Bi	●	●	562 ÷ 1200			
		1448C	●	●	816 ÷ 1700			
		1461i	●					
		1462Ai		●	13.6x16.8 14x18		50	
		1559A	●	●				



Terminale integrato/Reversibile.
Reversible integrated end-piece.
Embout intégré/Réversible.
Terminal integrado/Reversible.
Terminal integrado reversível.

Portata elevata.
Regolazione orizzontale e
verticale.
Senza falso braccio/Reversibili.

High capacity.
Horizontal and vertical adjust-
ment.
No fake arm/Reversible.

Portée élevée.
Réglage horizontal et vertical.
Sans faux compas/Réversible.

Capacidad elevada.
Regulación horizontal y vertical.
Sin falso compás/Reversible.

Alata capacidade de afinação
horizontal e vertical sem falso
compás reversível.



Incontro inferiore in zama.
Lower keeper in zamak.
Gâche basse en zamak.
Cerradero inferior de zamak.
Encontro inferior em zamak.

Cerniere per anta ribalta e anta abbinata con lo stesso design. In alluminio estruso, disponibili in finiture vernicate, ossidate, inox ed oro.

Hinges for tilt and turn and paired wing with the same design in extruded aluminium, available in painted finishes, oxidized, stainless steel and gold.

Paumelle pour oscillo-battant et semi-fixe ayant le même design. En aluminium extrudé, disponible en finition laquée, anodisée, inox et or.

Bisagra para oscilo batiente y hoja pasiva con el mismo diseño. En aluminio de extrusión , disponibles en los acabados lacados, anodizados , inox y oro.

Dobradiça para oscilo batente e folha pasiva com o mesmo desenho. Em alumínio de extrusão, disponível em acabamentos de lacagem e anodizados ouro e aço inoxidável.



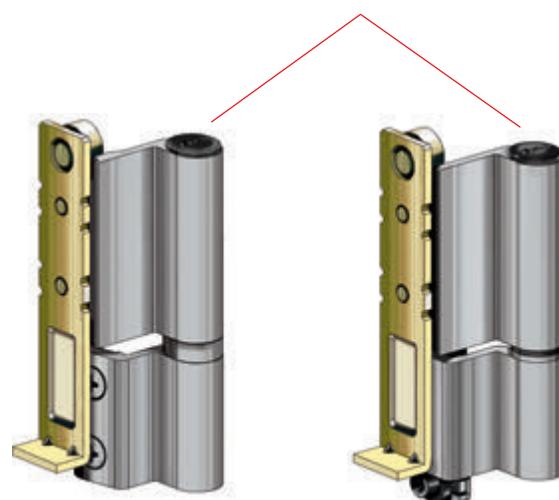
Regolazione orizzontale e verticale/Contropiastra in acciaio/Reversibile.

Horizontal and vertical adjustment/Steel backplate/Reversible.

Réglage horizontal et vertical/Contreplaqué en acier/Réversible.

Regulación horizontal y vertical/Contra placa de acero/Reversible.

Afinação horizontal e vertical/Contra placa em aço reversível.



Regolazione in pressione.

Adjustment in pressure.

Réglage à pression.

Regulación en presión.

Afinação em pressão.



GALICUBE
110

GALICUBE
130

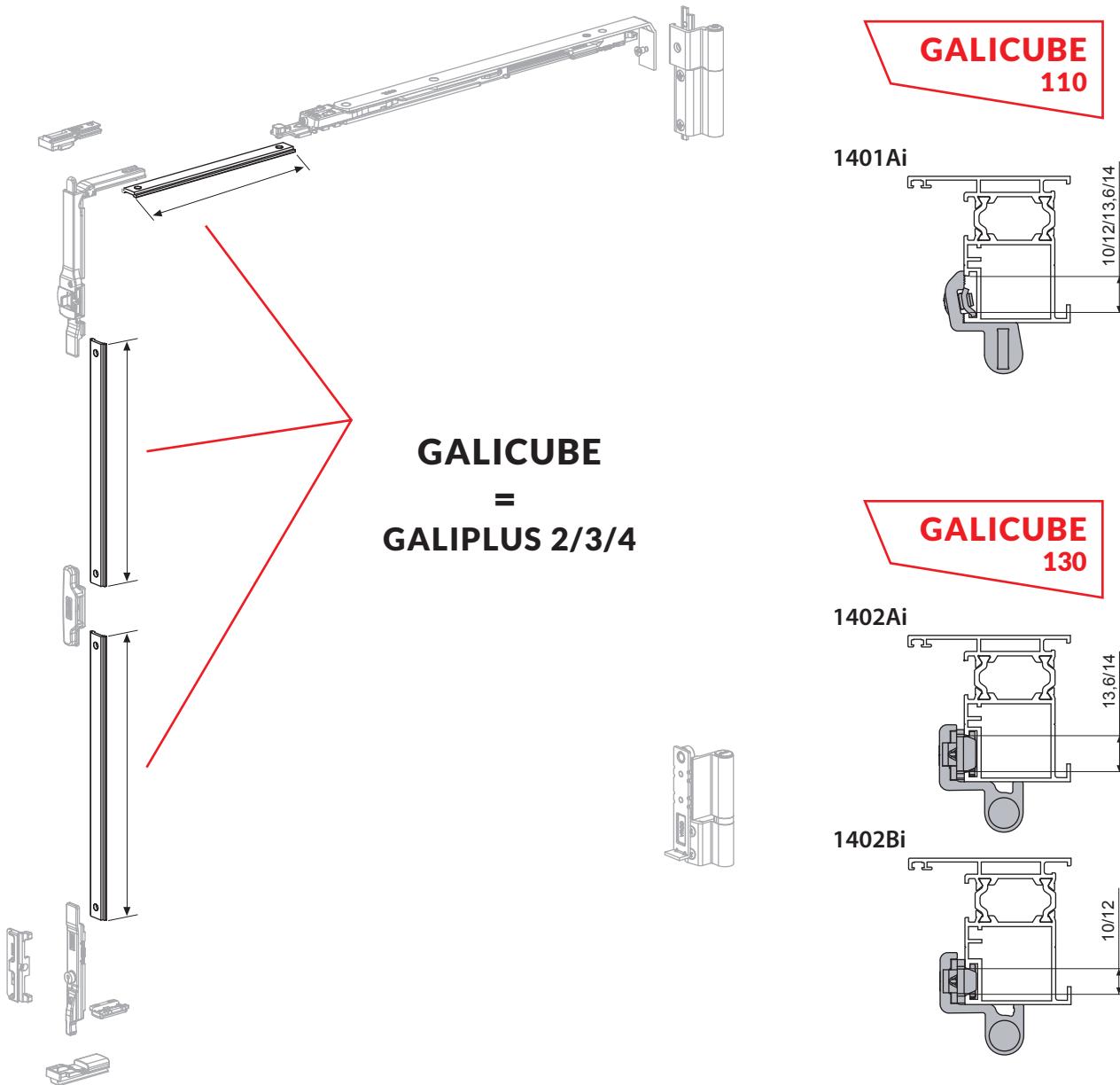
GaliCube è disponibile in due versioni, con portate da 110 Kg e 130 Kg. La capacità massima ammessa viene raggiunta senza la necessità di alcun kit aggiuntivo di aumento portata. Resistenza e prestazioni sono garantite, oltre che da materiali e tecniche costruttive innovative, anche dai severi test di funzionamento a cui il meccanismo è stato sottoposto.

GaliCube is available in two versions, 110 Kg and 130 Kg capacities. The maximum permissible capacity is achieved with no need for any additional kit for capacity increase. Durability and performance are guaranteed by innovative materials and construction techniques as well as by the rigorous working tests the mechanism has been submitted to.

GaliCube est disponible en deux versions, avec portée de 110Kg et 130Kg. La capacité max admissible est atteinte sans le besoin d'un kit supplémentaire d'augmentation portée. La résistance et les performances sont garanties par les matériaux et les techniques de fabrication, mais aussi par les tests de fonctionnement auxquels le mécanisme a été soumis.

GaliCube esta disponible en dos versiones, con capacidad de 110 Kg y 130 Kg. La capacidad máxima se alcanza sin la necesidad de kit suplementario de aumento de capacidad. Resistencia y prestaciones están garantizadas por materiales y técnicas constructivas innovadoras y por severos ensayos de funcionamiento a que el mecanismo ha sido sumiso.

GaliCube está disponível em duas versões, com a capacidade de 110 Kg. e de 130 Kg. de resistência. A capacidade máxima é alcançada sem a necessidade de um kit suplementar para aumento de peso. Resistência e prestações são garantidos por materiais e técnicas de produção inovadoras e por rigorosos testes de funcionamento aos que o mecanismos foram submetidos.



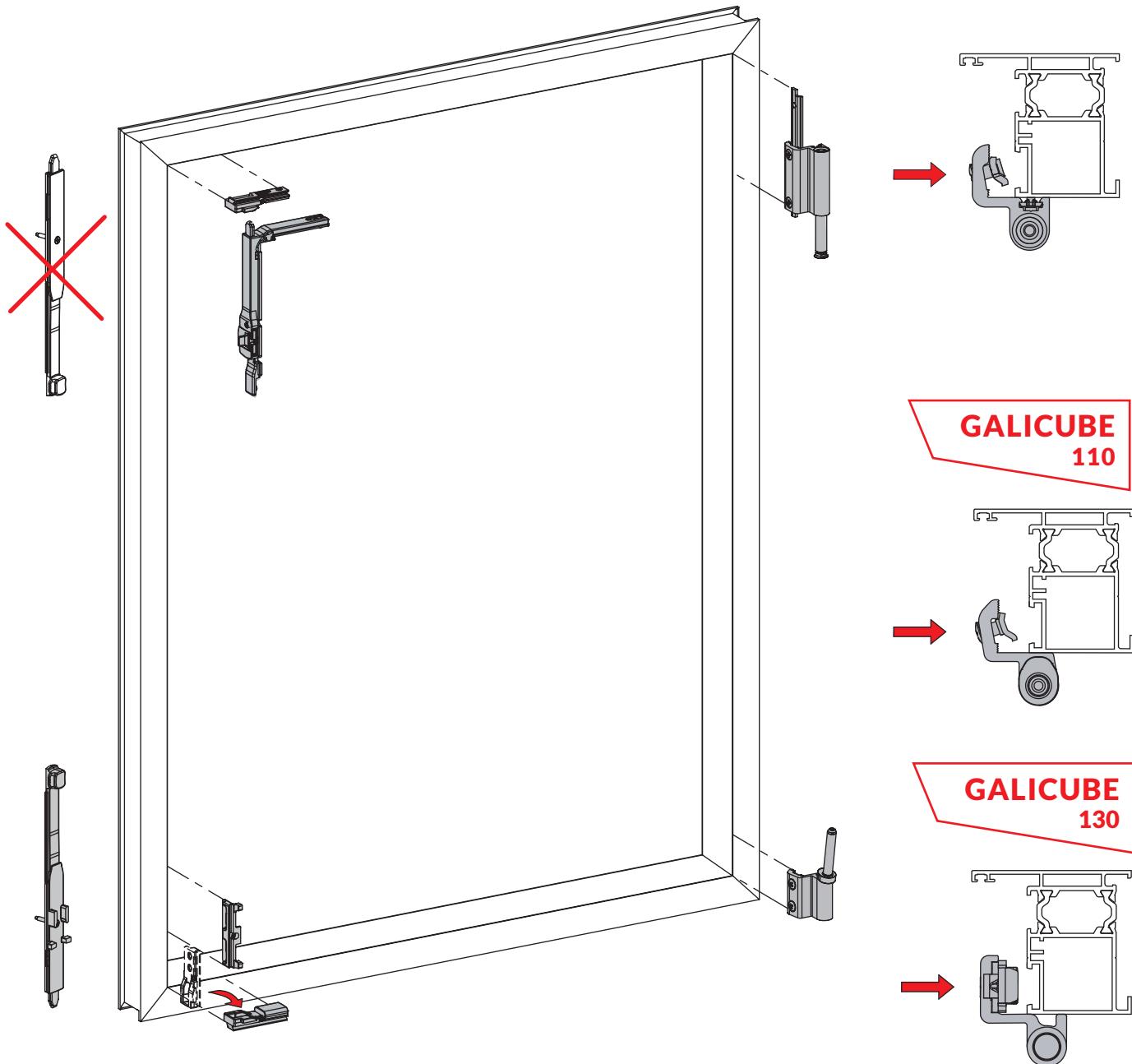
Applicabile su ogni profilo a Camera Europea, con un'unica versione nel caso di GaliCube 110 e due versioni nel caso di GaliCube 130. Inoltre gli accessori specifici della linea GaliCube si integrano perfettamente con tutti gli altri articoli esistenti, permettendo di utilizzare le stesse distinte di taglio delle astine e le macchine di lavorazione.

Applicable on all Eurogroove profiles, with one version for GaliCube 110 and two versions for GaliCube 130. Furthermore, the specific accessories of the GaliCube line do perfectly integrate with all the other existing items, allowing to use the same rod cutting lists and processing machines.

Applicable sur tous les profils à Chambre Européenne, dans une seule version dans la cas de GaliCube 110 et en deux versions dans le cas du GaliCube 130. En plus les accessoires spécifiques de la gamme GaliCube s'intègrent parfaitement avec tous les autres articles présents, permettant d'utiliser les mêmes listes de coupage des tringles et les machines d'usinage.

Aplicable sobre cada perfil de Camára Europea, con una única versión en el caso de GaliCube 110 y dos versiones dos versiones en el caso de Galicube 130. Además los accesorios específicos de la línea GaliCube se integran perfectamente con todos los demás artículos ya existentes y permiten el uso de las misma notas de corte de las pletinas y las maquinas para el trabajo.

Aplicável em cada perfil de Câmara Europeia, com uma única versão para 110 Kg. e duas versões no casso GaliCube 130 Kg. Os acessórios específicos da linha GaliCube ficam íntegradamente com todos os outros artigos já existentes e permitem o uso dos mesmos descontos para corte de vareta e maquinaria específica para tal finalidade.



Pochi componenti, già premontati, garantiscono la massima facilità e rapidità di montaggio. Il rinvio d'angolo è dotato di un terminale integrato, che permette la perfetta chiusura dell'anta nella parte superiore, senza la necessità di montare il catenaccio. Altri accorgimenti tecnici, semplici ma efficaci, permettono di ridurre le operazioni ed il tempo di installazione.

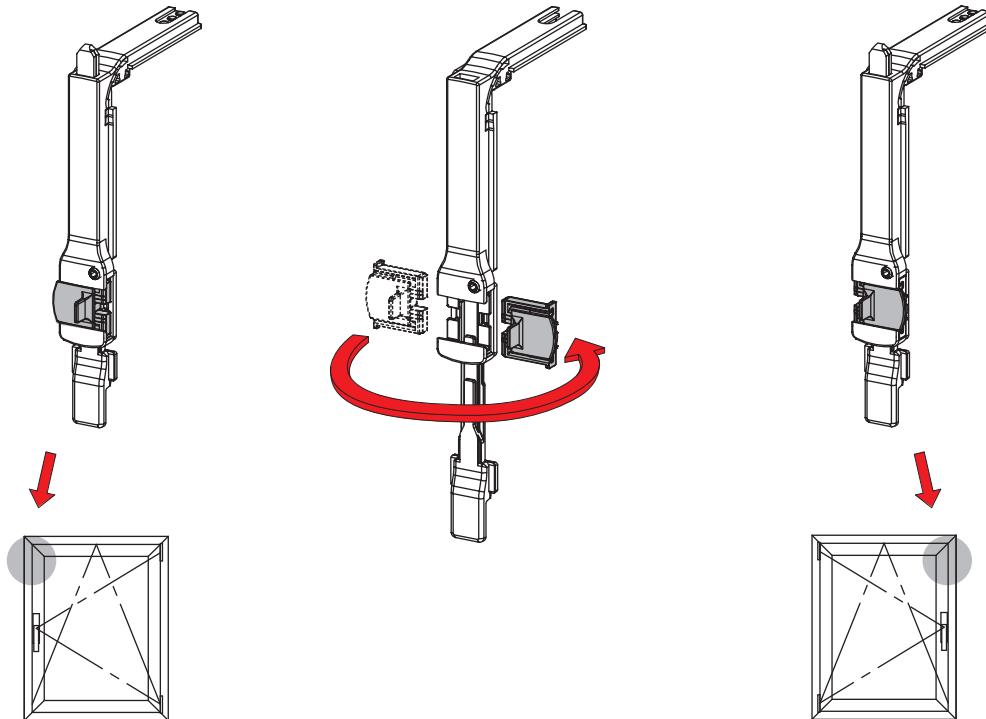
Few pre-assembled components ensure maximum ease and speed of assembly. The corner transmission is equipped with an integrated end-piece allowing perfect closing of the sash in the upper part, with no need for bolt assembly. Other technical features, simple but effective, allow to reduce operations and installation time.

Peu de composants, déjà pré-montés, garantissent la max facilité et rapidité de montage. Le renvoi d'angle est équipé d'un embout intégré, qui permet la parfaite fermeture du vantail dans la partie supérieure, sans la nécessité de monter le verrou. D'autres caractéristiques techniques, simples mais efficaces, permettent de réduire les opérations et le temps d' installation.

Pocos componentes ya pre montados garantizan la máxima facilidad de montaje. El ángulo de reenvío está equipado con un terminal integrado, que permite el cierre perfecto de la hoja en la parte superior, sin la necesidad de montar el pasador. Otros aspectos técnicos, sencillos pero eficaces, permiten de reducir las operaciones y el reducir las operaciones y el tiempo de montaje.

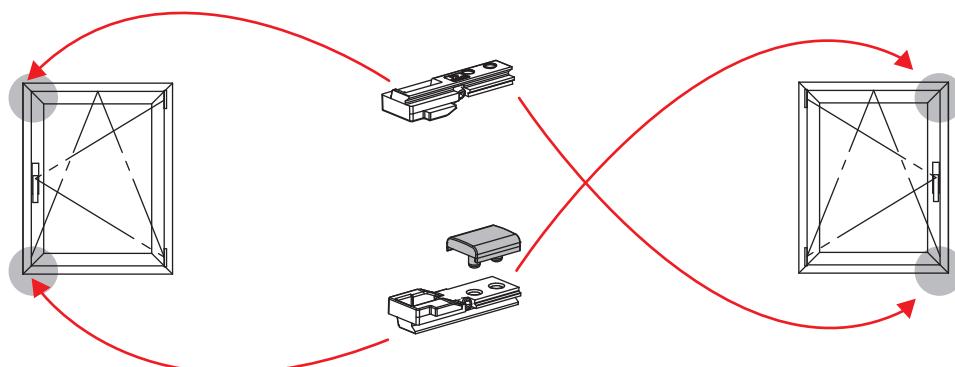
Poucos componentes já pré montados garantem a facilidade de montagem. O ângulo de reenvio está equipado com um terminal integrado, o que permite que o fecho perfeito a aro fixo na parte superior, sem precisar de montar fecho superior na segunda folha. Outras técnicas simples, mas eficazes, aspectos e operações podem reduzir o tempo de montagem.

Reversibilità
Reversibility
Réversibilité
Reversibilidad
Reversibilidáde



DX

SX



Il sistema è completamente reversibile. Le cerniere, per anta ribalta ed anta abbinata, ed il rinvio d'angolo forniti premontati destre, possono essere trasformati nella versione sinistra con poche e semplici operazioni. Gli incontri inferiore e superiore possono essere invertiti per realizzare sia la versione destra che sinistra.

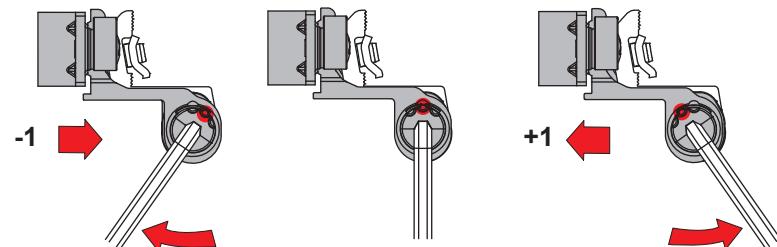
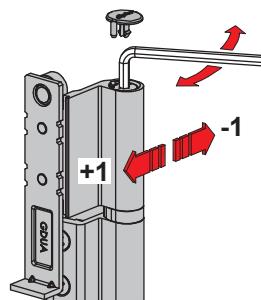
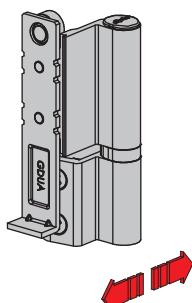
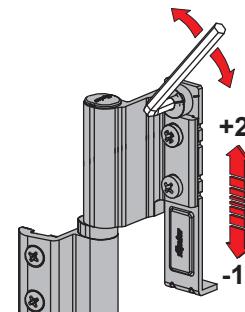
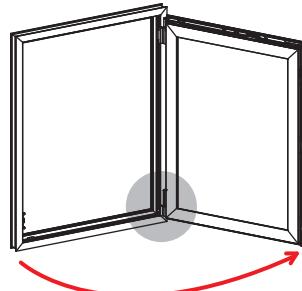
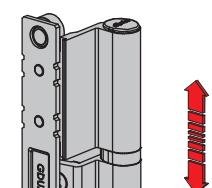
The system is fully reversible. The hinges, for tilt and turn and paired wing and the corner transmission supplied in the pre-assembled version for right hand assembly, can be changed into left-hand version with a few, simple steps. Upper and lower keepers can be inverted to achieve both right and left hand versions.

Le système est entièrement réversible. Les paumelles pour l'oscillo-battant et le semi-fixe, et le renvoi d'angle fourni pré-monté droites, peuvent être transformés dans la version gauche avec peu et simples opérations. Les gâches inférieures et supérieures peuvent être inversées pour réaliser soit la version droite que gauche.

El sistema es completamente reversible. La bisagra para oscilo batiente y hoja pasiva y el ángulo de reenvío, suministrados pre montados derechos pueden ser transformados en la versión izquierda con pocas y sencillas operaciones. Los cerraderos inferior y superior pueden ser invertidos para realizar tanto la versión derecha que la izquierda.

O sistema é completamente resersível. A dobradiça de oscilo batente e a da folha pasiva assim como o ângulo de reenvío são fornecidos pré montados e podem ser alterados a versão esquerda com algumas operações simples.

GALICUBE 110



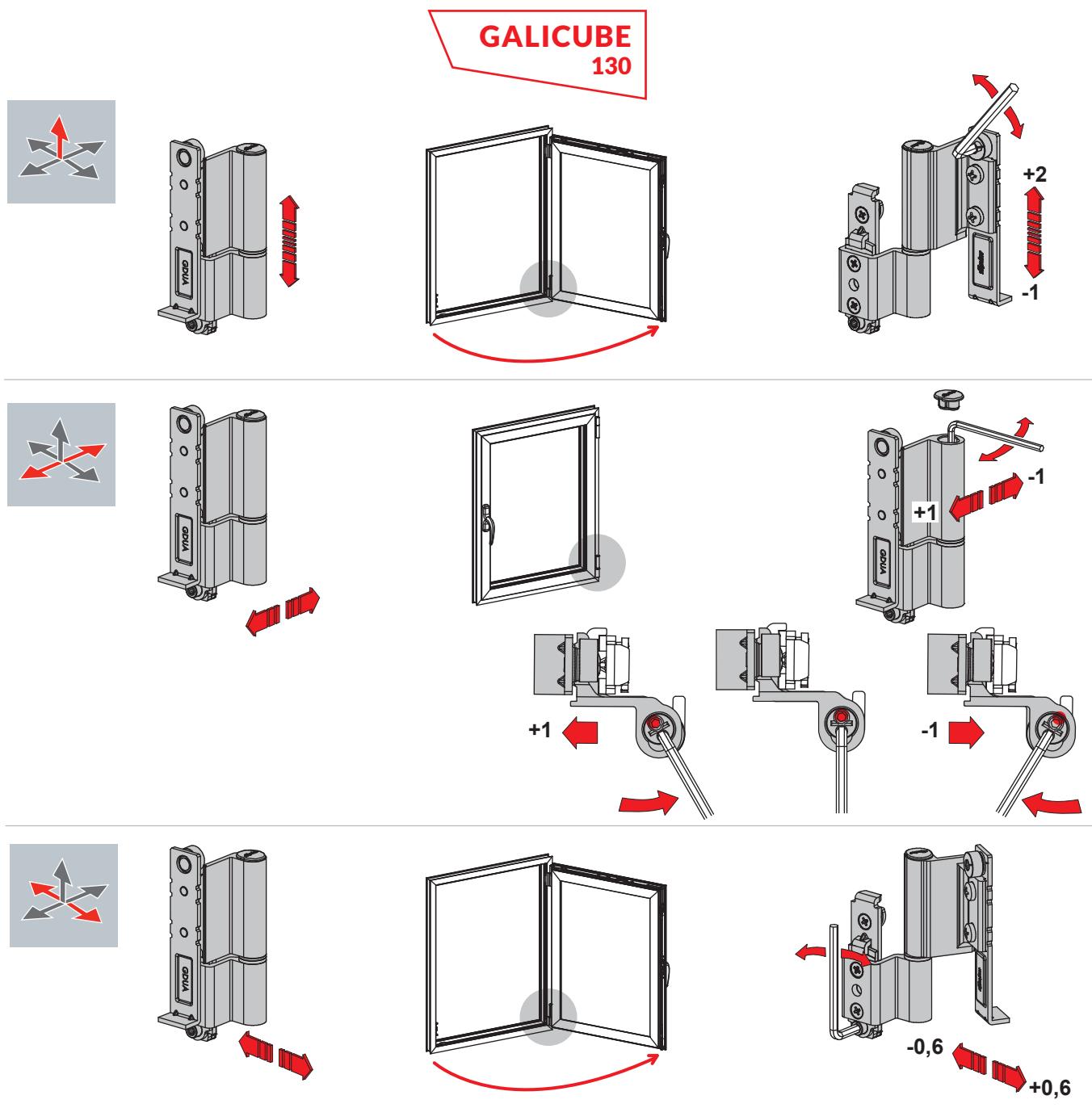
La regolazione orizzontale di GaliCube 110 si effettua, a finestra chiusa, rimuovendo il tappo ed operando sulla boccola della cerniera inferiore, scegliendo una delle tre posizioni fisse. La regolazione verticale micrometrica si effettua agendo sul perno eccentrico posto sulla contropiastra della cerniera inferiore.

The horizontal adjustment of GaliCube 110 is performed when the window is closed, by removing the cap and acting on the bush of the lower hinge, choosing one of the three fixed positions. The vertical micrometric adjustment is performed working on the eccentric pin placed on the backplate of the lower hinge.

Le réglage horizontal de GaliCube 110 est fait, à fenêtre fermée, en élevant le bouchon et agissant sur la douille de la paumelle inférieure, en choisissant une des trois position fixes. Le réglage vertical micrométrique est fait agissant sur l'axe excentrique placé sur la contreplaqué de la paumelle inférieure.

La regulación horizontal de GaliCube 110 se efectúa con la ventana cerrada , quitando el tapón y accionando sobre el casquillo de la bisagra inferior , eligiendo entre una de las tres posiciones fijas. La regulación vertical micrométrica se efectúa actuando sobre el eje excéntrico situado sobre la contra placa de la bisagra inferior.

A afinação horizontal GaliCube 110, é feita com a janela fechada, só e preciso retirar a tampa e accionar o casquilho metálico interior, escolhendo uma das três posições fixas. O ajuste vetical micrométrico é efectuado actuando no eixo excêntrico localizado na contra placa da dobradiça inferior.



La regolazione orizzontale micrometrica di GaliCube 130 si effettua, a finestra chiusa, rimuovendo il tappo ed operando sul perno eccentrico della cerniera inferiore. La regolazione verticale è identica al quella di GaliCube 110. GaliCube 130 è dotato, unico nel suo genere, anche di regolazione micrometrica della pressione della guarnizione.

The horizontal micrometric adjustment of GaliCube 130 is achieved when the window is closed, by removing the cap and acting on the eccentric pin of the lower hinge. The vertical micrometric adjustment is the same as that of GaliCube 110. GaliCube 130 is equipped, unique, with the micrometric adjustment of the gasket pressure.

Le réglage horizontal micrométrique du GaliCube 130 est effectué, à fenêtre fermée, enlevant le bouchon et en agissant sur l'axe excentrique de la paumelle inférieure. Le réglage vertical est pareil à celui du GaliCube 110. GaliCube 130 est équipé, le seul dans son genre, aussi de réglage micrométrique de la pression du joint.

La regulación horizontal micrométrica de GaliCube 130 se efectúa con la ventana cerrada, quitando el tapón y accionando sobre el eje excéntrico de la bisagra inferior. La regulación vertical es idéntica a la de GaliCube 110. GaliCube 130 único en su genero dispone aun de regulación micrométrica de la presión de la guarnición.

A afinação horizontal micrométrica de GaliCube 130 é feita com a janela fechada, retirando a tampa e accionando o eixo excêntrico da dobradiça inferior. O ajuste vertical é igual a de GaliCube 110. GaliCube 130 único em seu gênero, também oferece o ajuste micrométrico na pressão da borracha.



In GaliCube vengono coniugate caratteristiche e contenuti tecnici con design di prodotto. Le cerniere, dalla forma identica a quelle dell'anta abbinata, sono realizzate in alluminio estruso e disponibili in tutte le finiture, sia vernicate che ossidate, ma anche in versione simil inox ed oro.

GaliCube combines technical features with product design. The hinges, whose shape is the same as those of the paired wing, are made of extruded aluminum and available in all finishes, both painted and oxidized, but also in stainless steel and gold look finishes.

Dans GaliCube on retrouve les caractéristiques et les contenus techniques joints au design du produit. Les paumelles, de forme identique à celle du semi-fixe, sont réalisées en aluminium extrudé et disponibles en toutes les finitions, laquées et anodisées, mais aussi en version similaire à l'inox et à l'or.

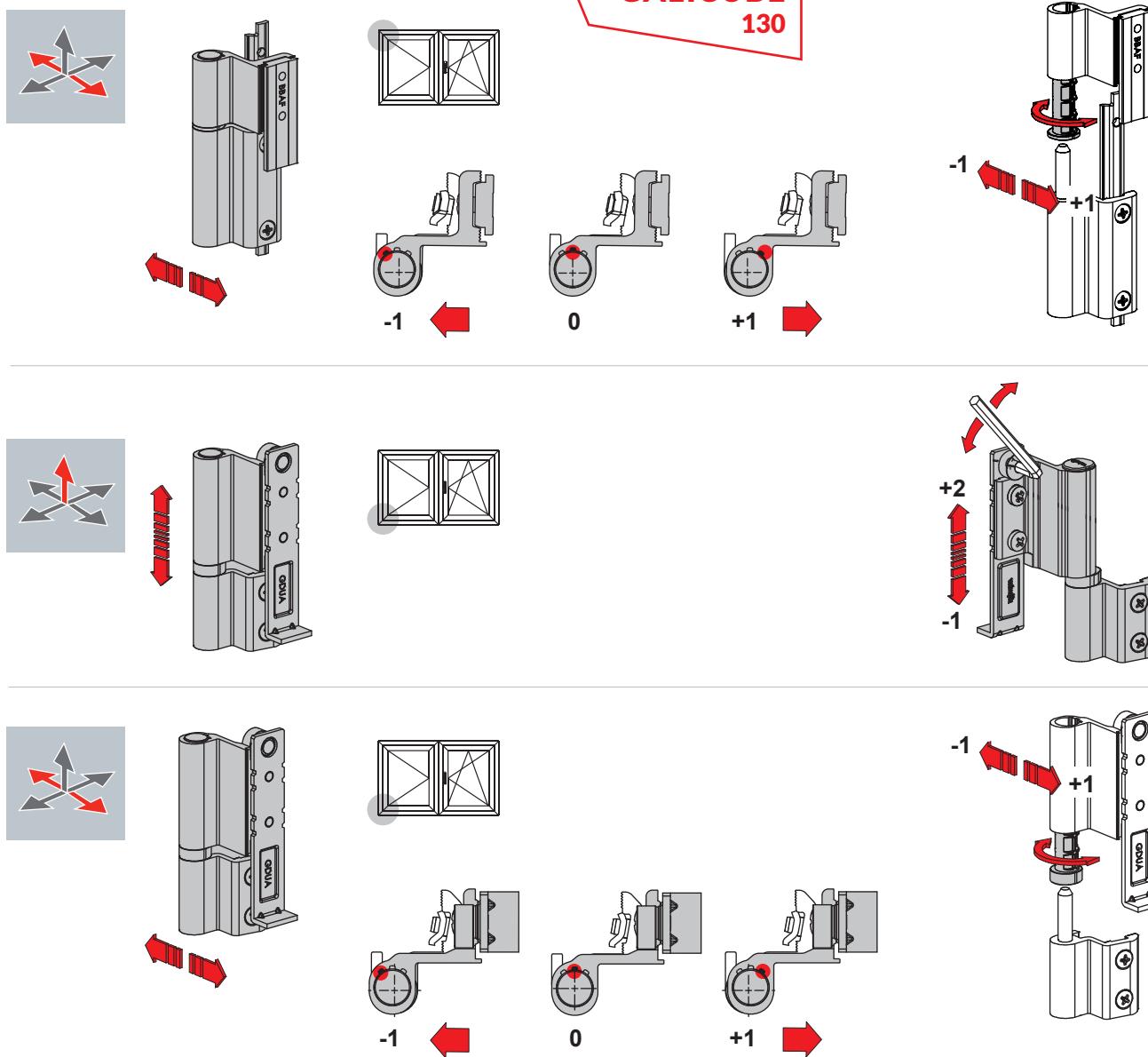
GaliCube conjuga características y contenidos técnicos con el diseño de producto. La bisagra con su forma idéntica a la de la hoja pasiva, están realizadas en aluminio de extrusión y disponibles e todos los acabados , tanto lacados que anodizados, y aun en la versión símil inox y oro.

GaliCube combina características e conteúdo técnico com desenho de produto. A dobradiça com sua forma idêntica a da folha passiva, são feitas em alumínio extrusão e disponíveis em todos os acabamentos, tanto en lacagem como en anodizados, e também em versão similar ouro e aço inoxidável.

Cerniere anta abbinata
Paired wing hinges
Paumelle semi-fixe
Bisagra hoja pasiva
Dobradiça folha pasiva

GALICUBE

GALICUBE
130



Le cerniere per anta abbinata, applicabili senza la necessità del falso braccio, rappresentano una soluzione funzionale ed economica. Sono caratterizzate dalla possibilità di regolazione, orizzontale e verticale, oltre che da una portata superiore a quella delle cerniere tradizionali per apertura ad anta. La regolazione verticale è identica a quella delle cerniere per anta ribalta, mentre quella orizzontale si ottiene sfilando e ruotando la boccola della cerniera.

The hinges for paired wing, applicable with no need for fake arm, are a practical and economic solution. They are characterized by the possibility of a horizontal and vertical adjustment, as well as by a higher capacity than the traditional hinges for side-hung opening. The vertical adjustment is the same as that of the hinges for tilt and turn, while the horizontal adjustment is obtained by pulling and rotating the hinge bush.

Les paumelles pour semi-fixe, applicables sans la nécessité de faux compas, représentent une solution fonctionnelle et économique. Elles sont caractérisées par la possibilité de réglage horizontal et vertical, en plus par une portée supérieure à celle des paumelles traditionnelles pour l'ouverture à la française. Le réglage vertical est identique à celui des paumelles pour oscillo-battant, tandis que le réglage horizontal est obtenu en levant et tournant la douille de la paumelle.

Las bisagras para hoja pasiva, aplicables sin necesidad de falso compas, representan una solución funcional y económica. Se caracterizan por su posibilidad de regulación , horizontal y vertical , además que por una capacidad superior a la de las bisagras tradicionales para apertura practicable . La regulación vertical está idéntica a la de las bisagras para oscilo batiente , mientras que la horizontal se obtiene sacando y rodeando el casquillo de la bisagra.

As dobradiças para folha pasiva, aplicáveis sem falso compas, representam uma solução prática e econômica. Além de caracterizar-se pela possibilidade de ajuste horizontal e vertical, também o fazem pela sua superior capacidade as dobradiças tradicionais.O ajuste vertical é idêntico ao das dobradiças para oscilo batente, enquanto que a horizontal é obtido tirando e girando o casquilho da dobradiça.



Cura per i dettagli, accuratezza delle lavorazioni e strette tolleranze, oltre alla scelta dei materiali utilizzati rendono GaliCube un meccanismo di qualità assoluta, affidabile e performante, testato attraverso i severi test interni.

Attention to details, accuracy of machining and close tolerances , as well as the choice of the materials used, make GaliCube a mechanism of absolute quality, reliable and efficient, tested through rigorous internal tests.

L'attention au détails, la précision aux usinages et strictes tolérances, en plus au choix des matériaux utilisés rendent GaliCube un mécanisme de haute qualité, très fiable et très performant, testé selon les plus sévères test internes.

Cuidado hacia los detalles y la manufactura , tolerancias rigurosas , además de la elección de materiales usados, hacen de GaliCube un mecanismo de calidad absoluta fiable con prestaciones elevadas, testeado por medio de severos ensayos interiores.

A atenção ao detalhe e a produção, tolerâncias exigentes, além da escolha dos materiais utilizados, faça GaliCube um mecanismo para a qualidade absoluta de confiança com elevado desempenho, testado por estudos internos graves.



Oltre ai confezionamenti tipici dei prodotti Fapim GaliCube è disponibile anche in confezione da un kit da un pezzo, comprensivo di cremonese, nella versione per anta singola o doppia.

In addition to the typical Fapim products packaging, GaliCube is also available in a kit package of one piece, including the cremone handle in the version for single or double sash.

En plus aux conditionnements typiques des produits Fapim, GaliCube est disponible aussi en conditionnement d'un kit de 1 pièce, avec crémone, dans la version pour vantail simple ou double.

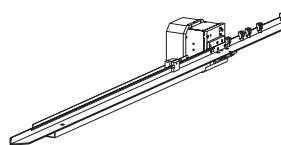
Además de los embalajes típicos de los productos Fapim, GaliCube está disponible también en caja con un kit de una unidad que incluye la cremona en la versión para una hoja o doble.

Além da embalagem típica dos produtos FAPIM, GaliCube também está disponível em caixa com uma unidade de kit que inclui todos os artigos que se precisam para uma ou duas folhas.

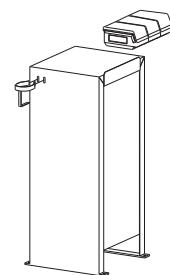
FP 12



1685



1686



PA	PA	AL	✓	✓	✓	✓	✓
			✓	✓	✓	✗	✗
↓			↓	↓	↓	↓	↓
---	---	---	---	---	---	---	---
			□	□	□	□	□
			□	□	□	□	□
			□	□	□	□	□
			□	□	□	□	□

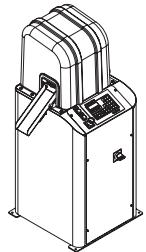
L'integrazione con gli altri articoli esistenti e le inalterate distinte di taglio delle astine, permettono di continuare ad impiegare le macchine della linea FP. Per le astine in alluminio è disponibile la macchina FP12 dotata di tutti i riferimenti per effettuare lavorazioni e taglio astina, senza la necessità di rilevare alcuna dimensione.

The integration with the other existing items and the unchanged rod cutting lists, allow to keep on using the machines of the FP line. The FP12 machine is available for the aluminum rods ; it is equipped with all the references to carry out rod cutting and machining, without the need to detect any dimension.

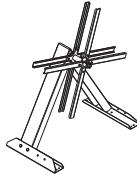
L'intégration avec les autres articles existant et les listes de coupages des tringles inaltérées, permettent de continuer à utiliser les machines de la gamme FP. Pour les tringles en aluminium il est disponible la machine FP12 équipée de tous les références pour effectuer l'usinage et le coupage des tringles, sans le besoin de relever aucune mesure.

La integración con los demás artículos existentes, y las notas de cortes de las pletinas inalteradas , permiten de continuar el uso de las maquinas de la línea FP. Para las pletinas de aluminio está disponible la máquina perforadora FP12 que dispone de todos las referencias para efectuar manufacatura y corte de la pletina si necesidad de registrar las medidas.

Integração com o resto de artigos existentes, e as notas de corte das varetas inalteradas, permitem continuar com o uso das máquinas PF. Para varetas de alumínio esta disponível a máquina de perfuração FP-12, que tem todas as referências para realizar mecanización e corte das varetas sem medições.



1684



1684P1

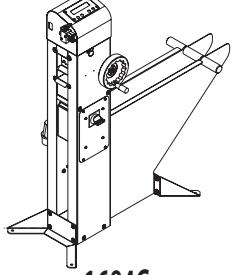


1684P2

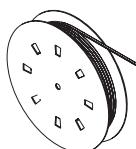


1683

FP 13

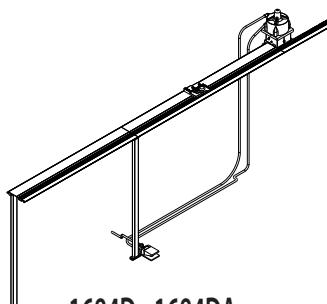


1684C

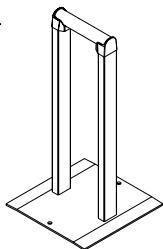


1683

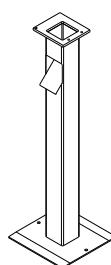
FP 14



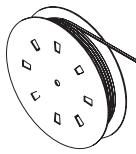
1684D - 1684DA



164D1



1684D3



1683

FP 16

Per le astine in poliammide sono disponibili le macchine FP13, FP14 ed FP16. FP13 è una punzonatrice automatica, con software e sistema di trascinamento motorizzato, per la produzione delle astine in base alla tipologia della finestra. FP14 è una punzonatrice ad avanzamento manuale, con display per l'indicazione della corretta dimensione di taglio. E' inoltre disponibile la macchina FP16, più semplice ed economica, con battute regolabili.

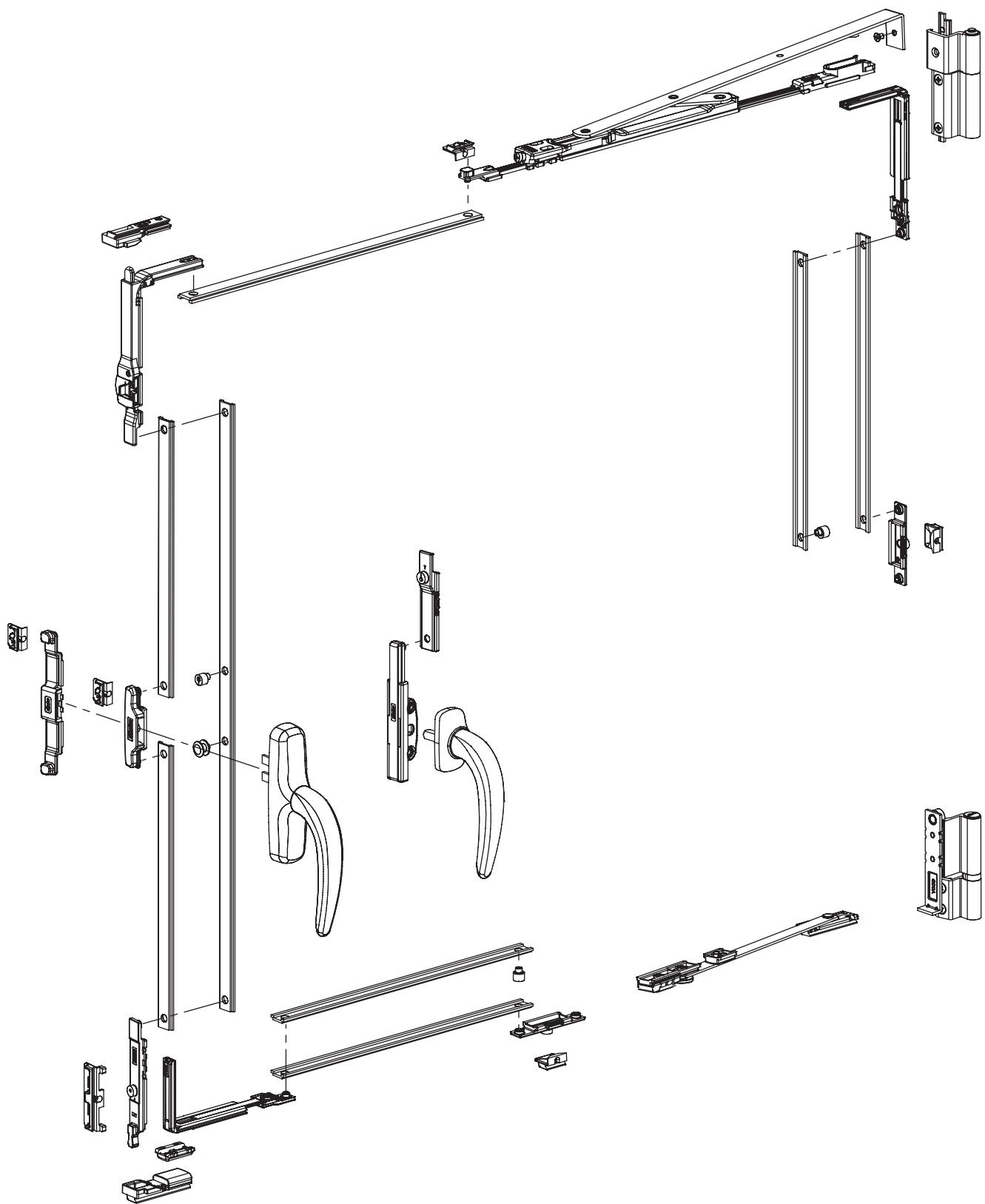
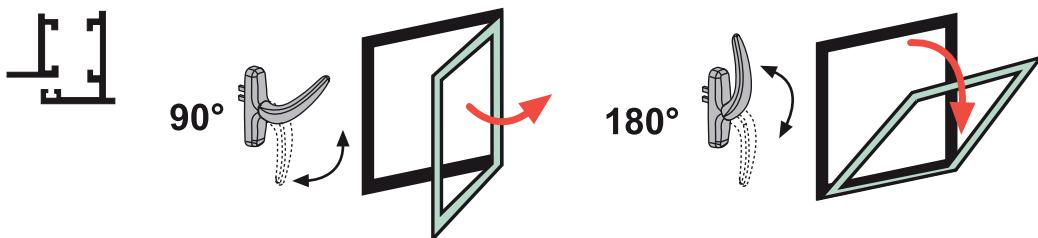
The FP13, FP14 and FP16 machines are available for the polyamide rods . FP13 is an automatic punching machine with software and motorized drive system for the production of the rods according to the type of window. FP14 is a manual fed punching machine with a display indicating the correct cutting size. The FP16 machine, simpler and cheaper, with adjustable stops is also available.

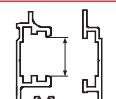
Les machine FP13, FP14 et FP16 sont disponibles pour les tringles en polyamide. FP13 est une poinçonneuse automatique, avec logiciel et système d'entraînement motorisé, pour la production des tringles selon la typologie des fenêtres. FP14 est une poinçonneuse à avancement manuel, avec écran pour l'indication de la correcte dimension de coupage. La machine FP16 est aussi disponible, plus simple et économique, avec butées réglables.

Para la pletinas de poliamida están disponibles las maquinas perforadoras FP13, FP14 y FP16. FP13 è una punzonadora automática, con software y sistema de arrastre motorizado para la producción de las pletinas según el tipo de la ventana. FP14 es una punzonadora de avance manual , con pantalla para la indicación de la medida de corte correcta. Esta además disponible la máquina FP16, más sencilla y económica, con topes regulables.

Para as varetas em poliamida, há disponibilidade das máquinas de corte e perfuração FP-13, FP-14 e FP-16. FP-13 é uma máquina automática de perfuração, com software e sistema de accionamento automático para a produção de varetas para todo tipo de janelas. FP-14 é uma máquina de accionamento manual com display para exhibir a medida correta de corte. Também está disponível a máquina FP-16, mais simples e mais económica, com gavaritos com afinação.

C.E.



									
				L	C.E.	C.E.	Kg		
pg.24		1401Ai	●		10x14.5 12x15 13.6x16.8 14x18		110	50	
pg.25		1402Ai	●	●	13.6x16.8 14x18	10x14.5 12x15	130		
		1402Bi	●	●					
pg.26		1404Ai		●			130	50	
pg.27		1409A		●				10	
pg.28		1448	●	●	364 ÷ 700			10	
		1448Ai	●	●	402 ÷ 750			50	
		1448Bi	●	●	562 ÷ 1200			10	
		1448C	●	●	816 ÷ 1700			10	
		1459	●	●	364 ÷ 800			10	
		1459B	●	●	800 ÷ 1700			10	
pg.29		1461i	●					50	
pg.30		1462Ai		●	10x14.5 12x15 13.6x16.8 14x18	13.6x16.8 14x18	50		
		1495Ai	●	●				50	
		1497A	●	●				10	
		1558	●	●				50	
pg.31		1559	●	●				50	
		1559A	●	●				50	
		1565i6	●	●				100	
		1581A	●	●				50	
		1585	●	●				50	
		1596i6	●	●				100	
		1597	●	●				50	
		1597i	●	●				100	

GALICUBE

Meccanismi per Anta Ribalta
 Tilt and Turn Mechanism
 Mécanismes Oscillo-battant
 Mecanismos De Oscilo Batiente
 Mecanismos Oscilo Batente

1330AA
1330BA



	C.E.	Kg	
1330AA	10x14.5 12x15		
1330BA	13.6x16.8 14x18	110	1x10

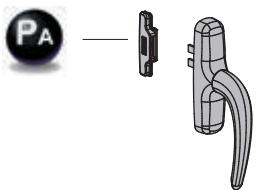


402÷750

 0757Bi +
 1401Ai +
 1448Ai +
 1461i +
 1559A +
1330AA =

562÷1200

 0757Bi +
 1401Ai +
 1448Bi +
 1461i +
 1559A +
1330BA =



1331FA
1331GA



	C.E.	C.E.	Kg	
1331FA	10x14.5 12x15	13.6x16.8 14x18		
1331GA	13.6x16.8 14x18		110	1x10

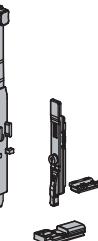
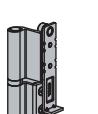
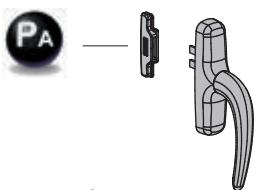


402÷750

 0757Bi +
 1401Ai +
 1404Ai +
 1448Ai +
 1462Ai +
 1559A +
1331FA =

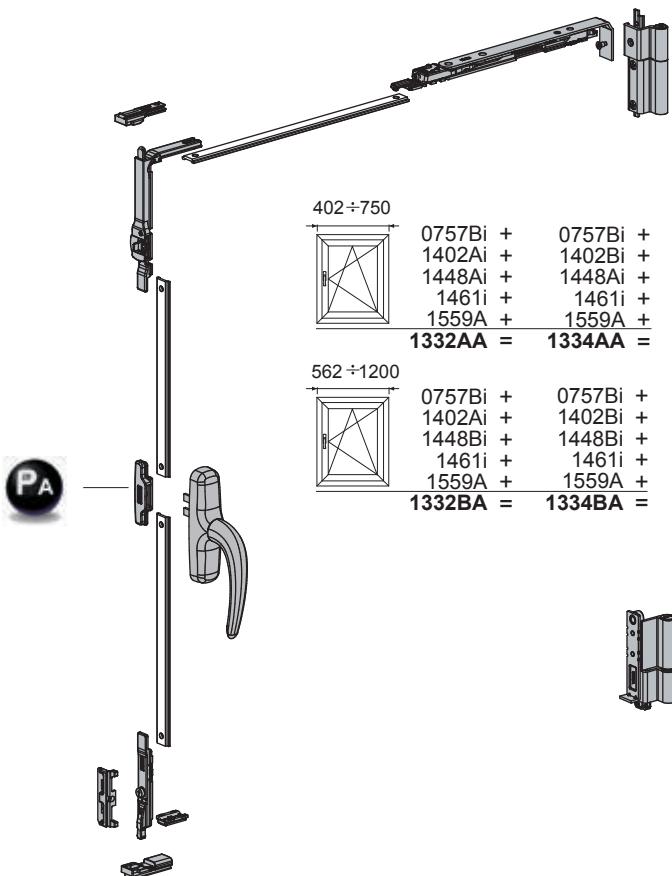
562÷1200

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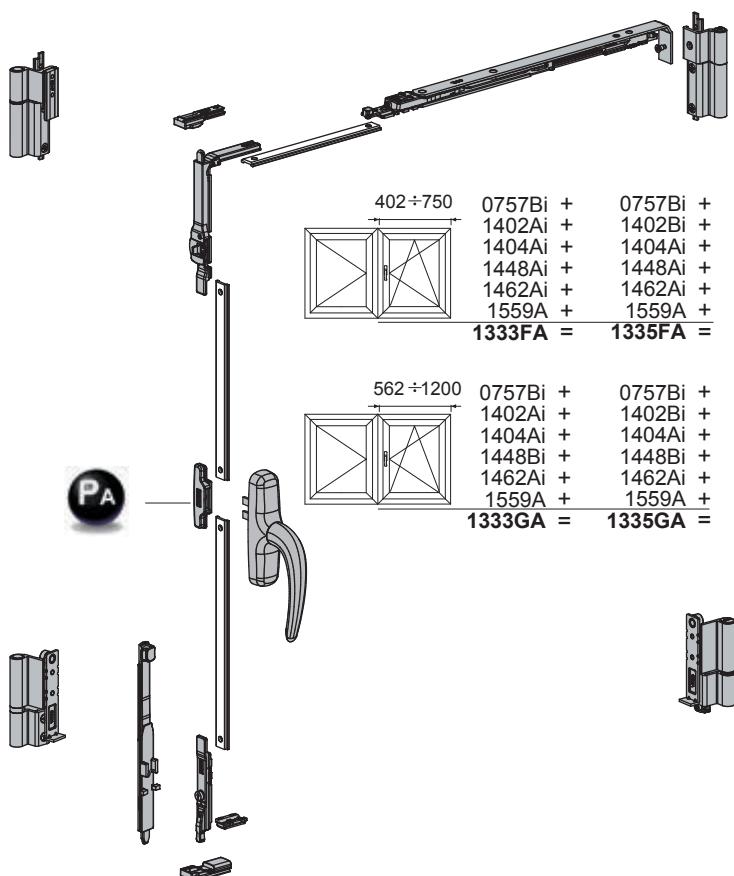


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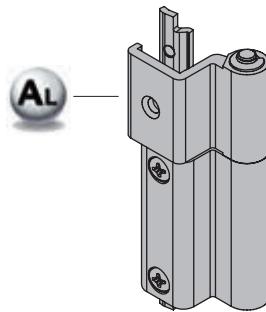
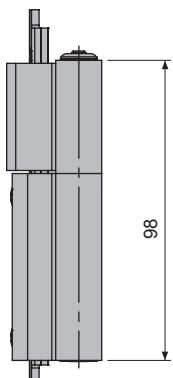
	C.E.	Kg	
1332AA	13.6x16.8 14x18		
1332BA		130	1x10
1334AA	10x14.5 12x15		
1334BA			



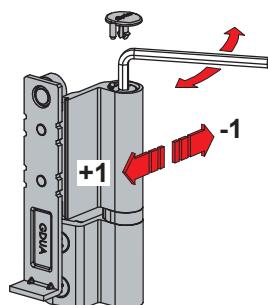
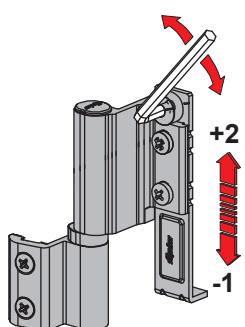
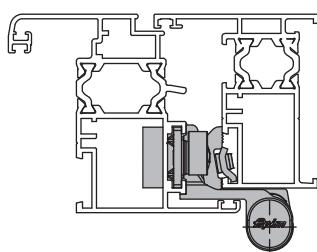
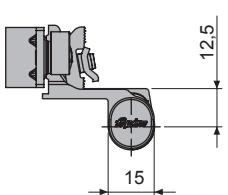
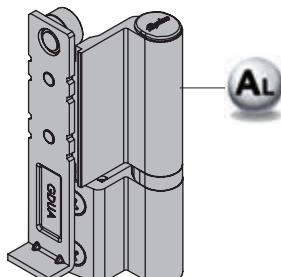
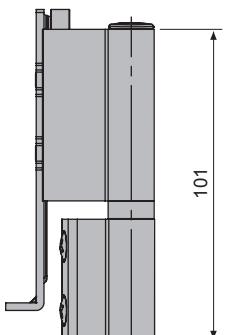
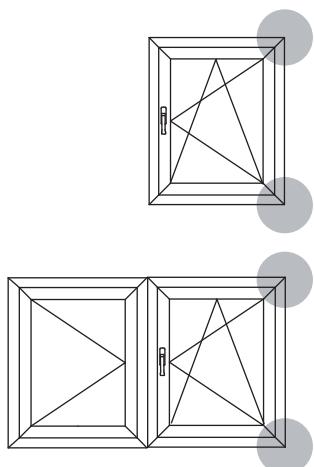
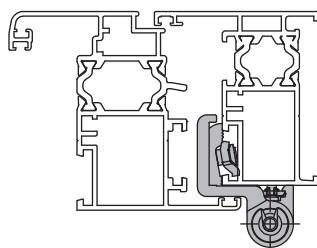
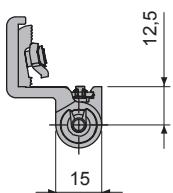
	C.E.	C.E.	Kg	
1333FA	13.6x16.8 14x18			
1333GA		13.6x16.8 14x18	130	1x10
1335FA	10x14.5 12x15			
1335GA				

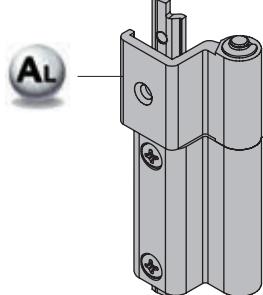
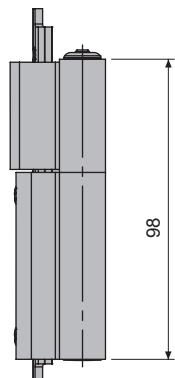
fapim®

1401Ai

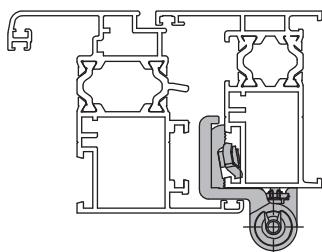
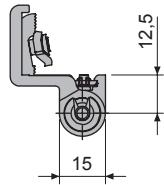


	C.E.	Kg	
1401Ai	10x14.5 12x15 13.6x16.8 14x18	110	50

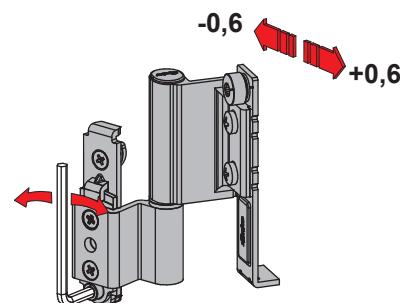
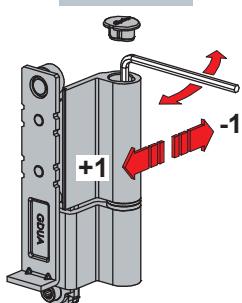
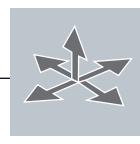
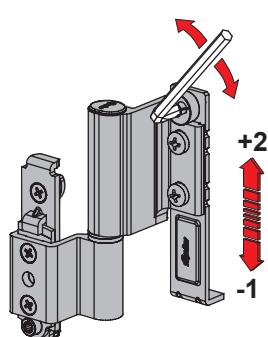
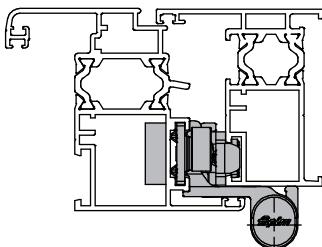
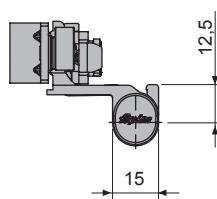
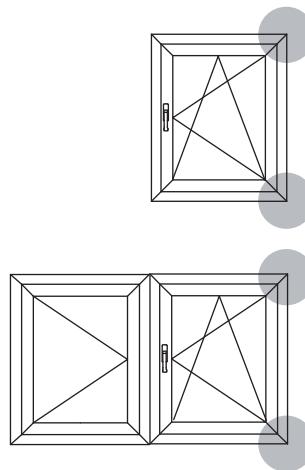
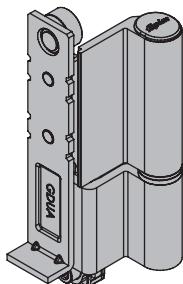
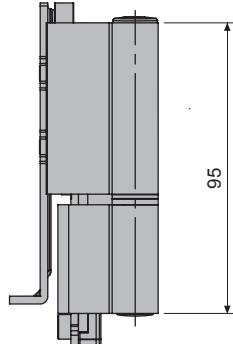




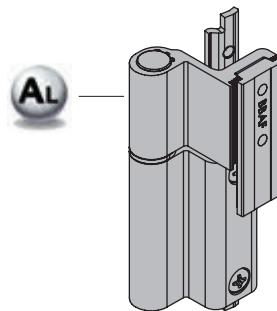
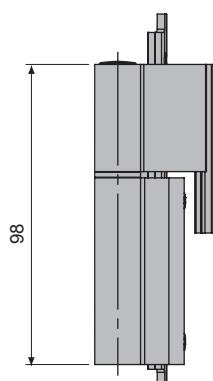
1402Ai
1402Bi



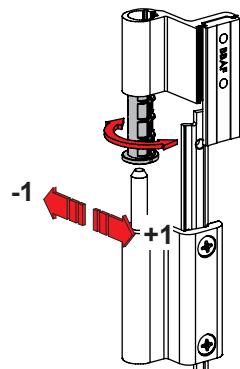
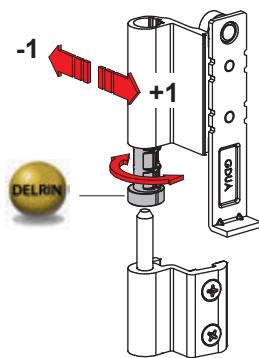
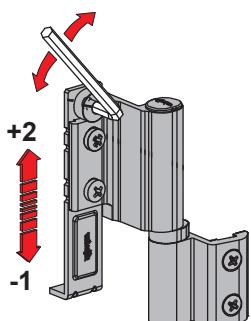
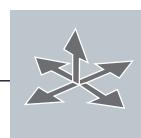
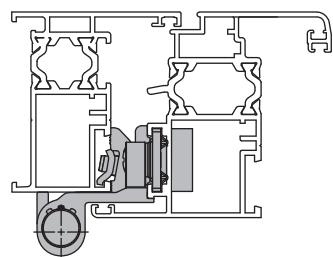
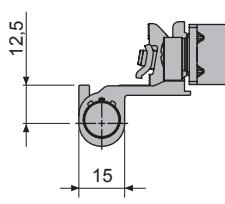
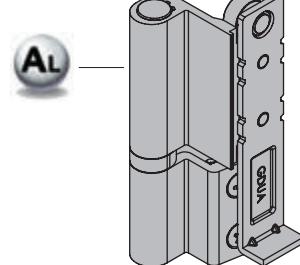
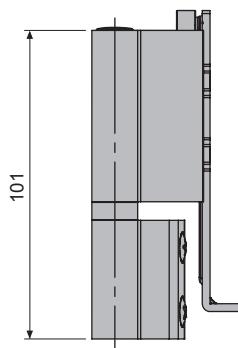
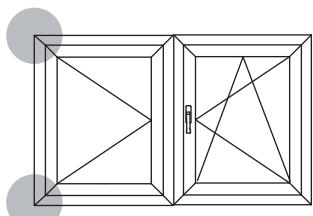
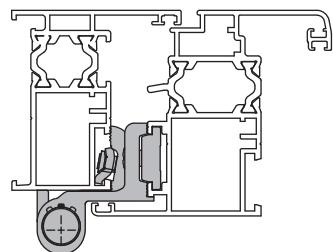
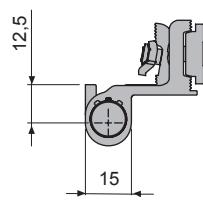
	C.E.	Kg
1402Ai	13.6x16.8 14x18	130
1402Bi	10x14.5 12x15	50



1404Ai



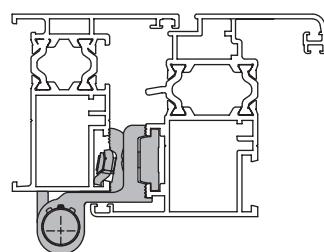
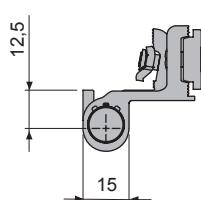
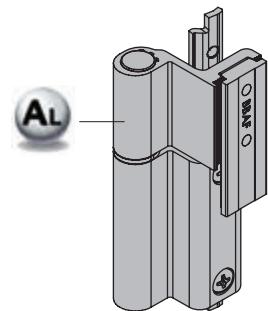
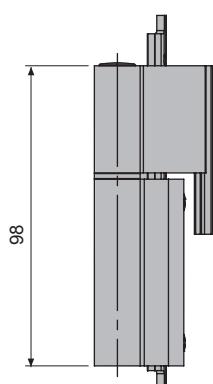
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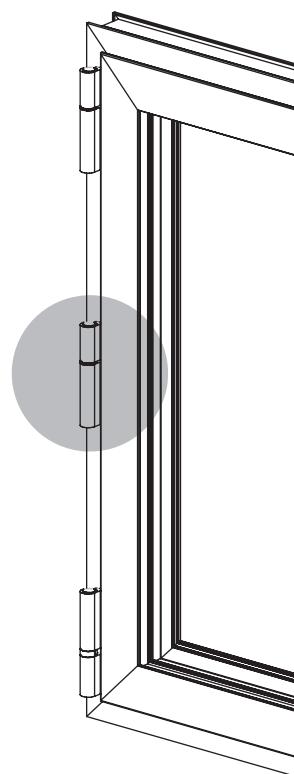
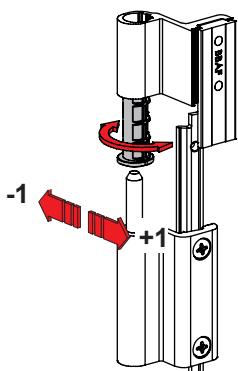
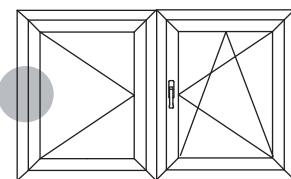
Meccanismi per Anta Ribalta
 Tilt and Turn Mechanism
 Mécanismes Oscillo-battant
 Mecanismos De Oscilo Batiente
 Mecanismos Oscilo Batente

GALICUBE

1409A



1409A	C.E.	10x14.5
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		14x18
		10

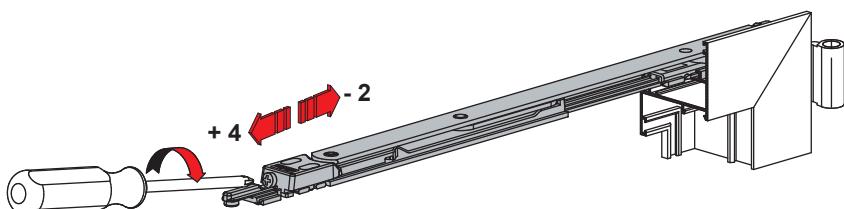
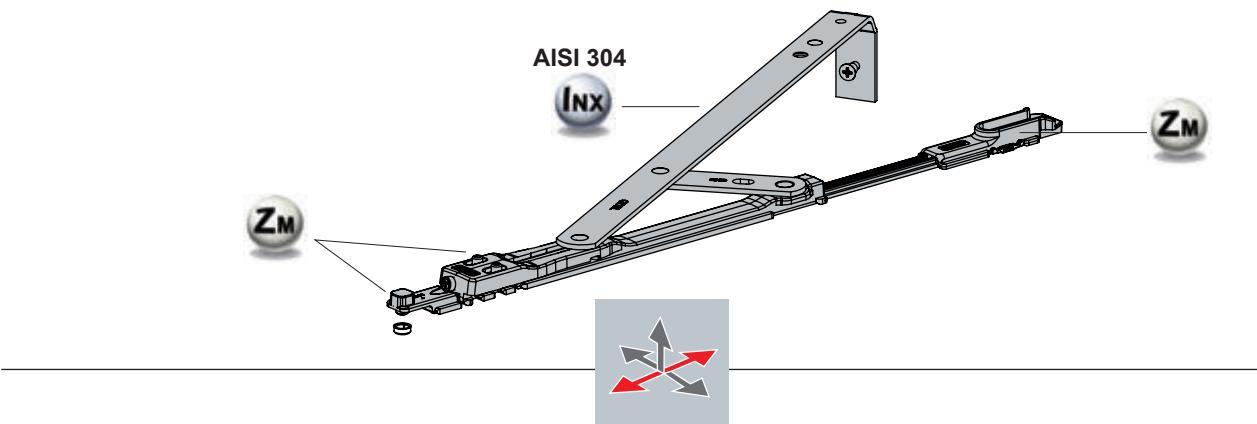
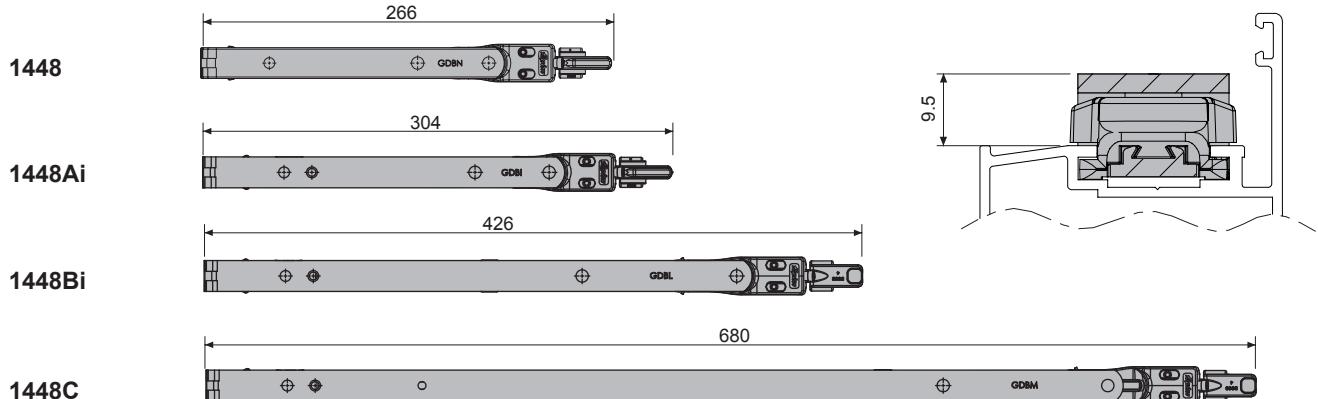
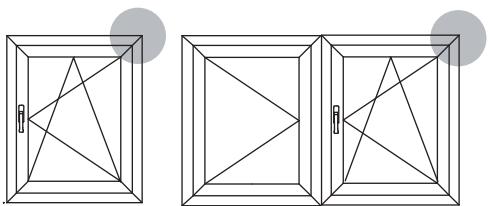


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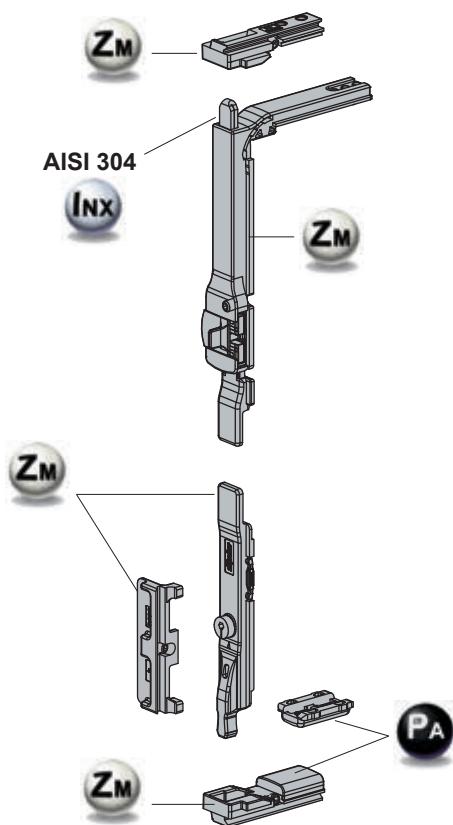
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1448Bi
1448C



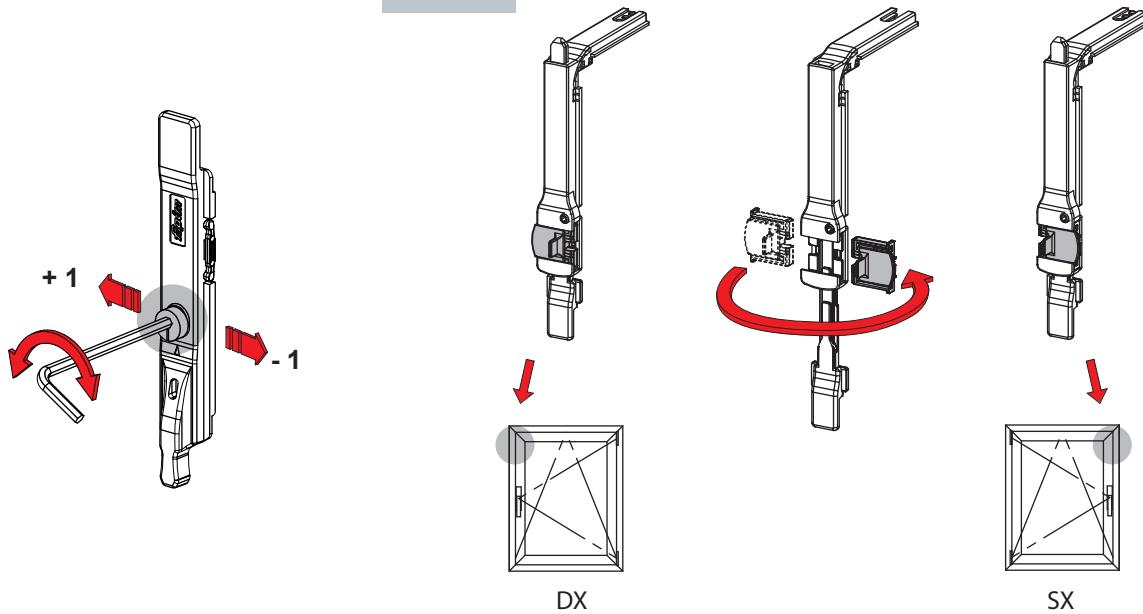
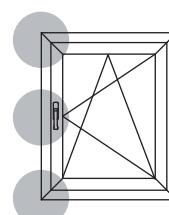
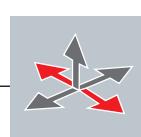
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1448Ai	402÷750	10x14.5 12x15 13.6x16.8 14x18	110 130	50
1448Bi	562÷1200			
1448C	816÷1700			10



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 Mecanismos De Oscilo Batiente
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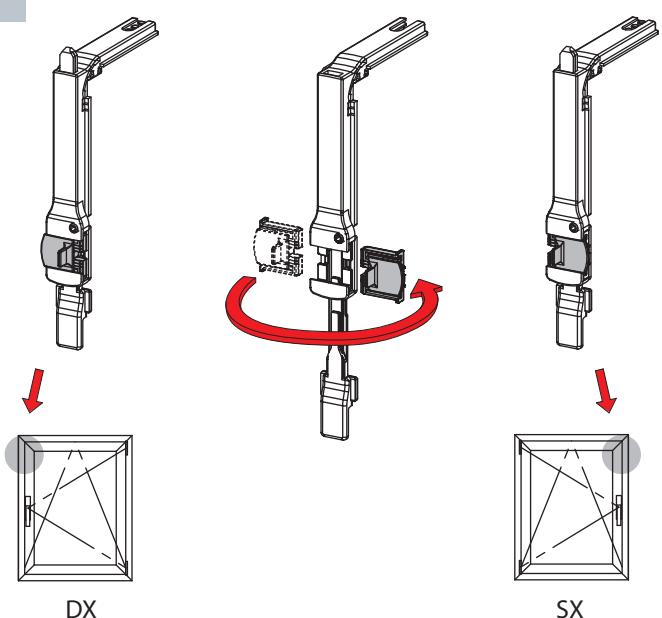
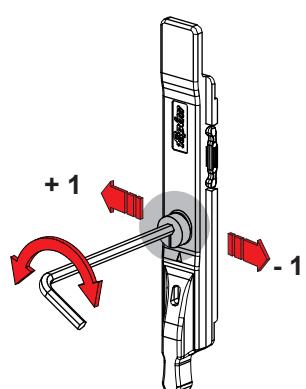
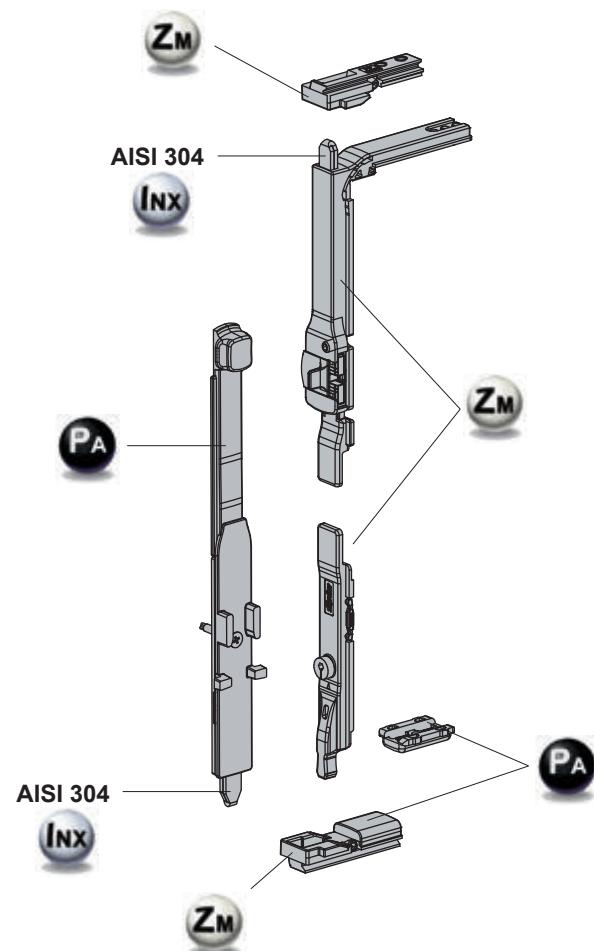
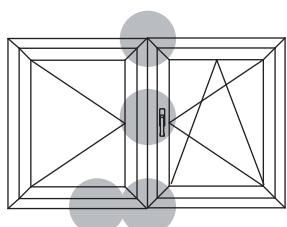
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1462Ai

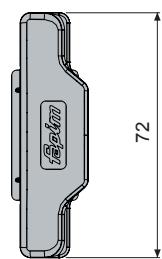
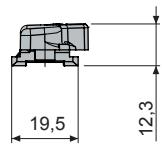


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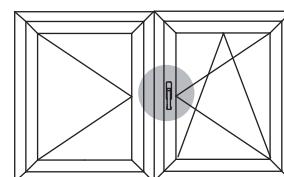
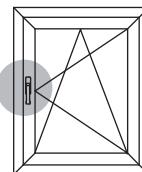
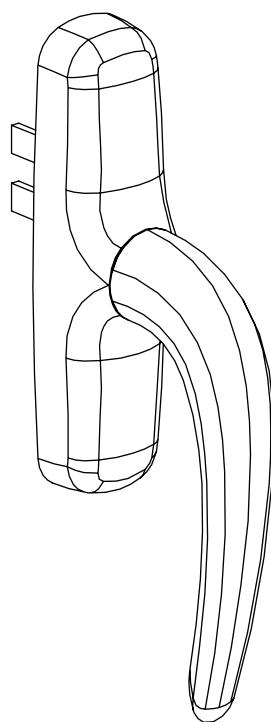
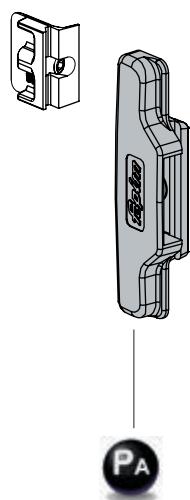
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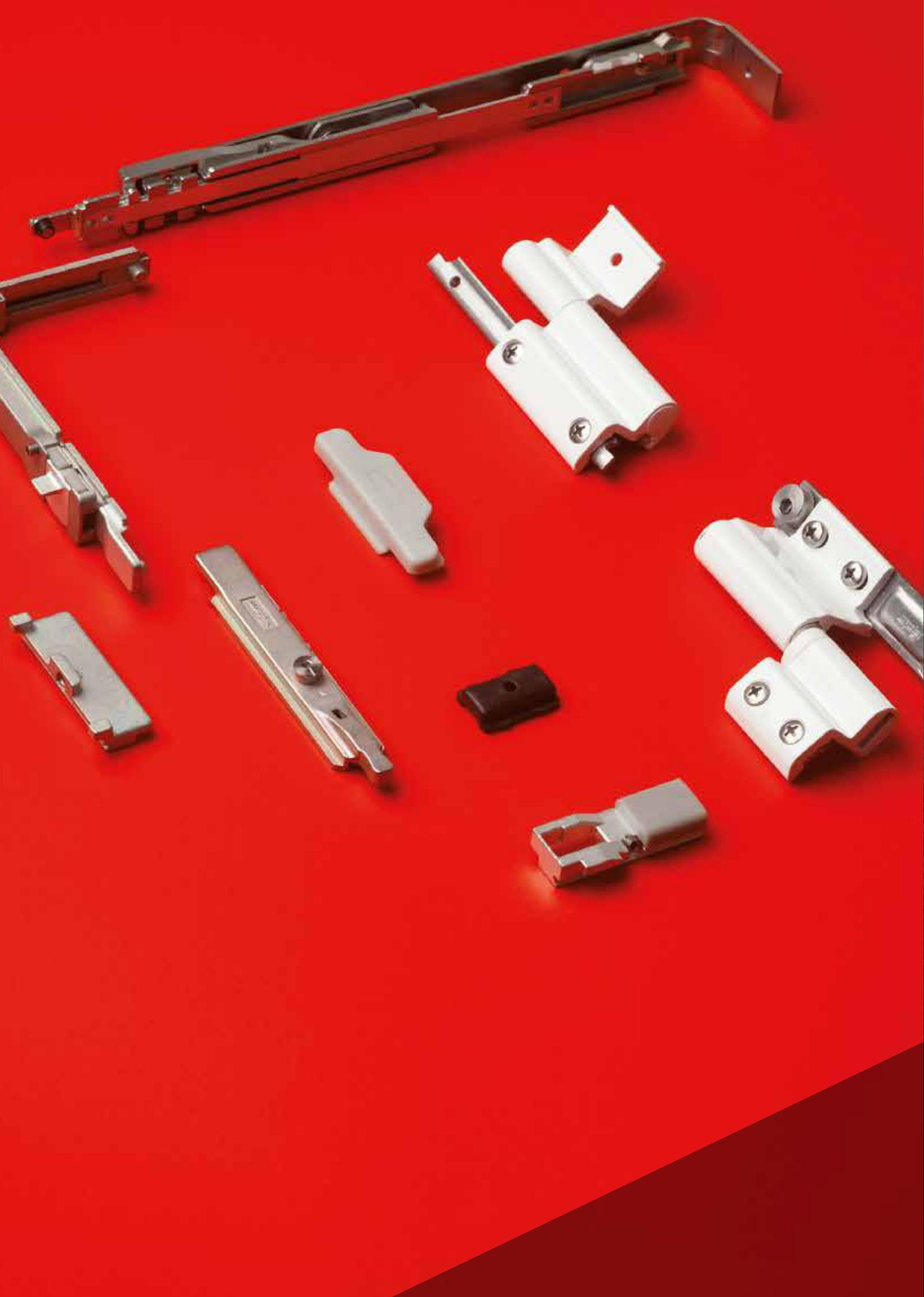


1559A

1559A	C.E.	10x14.5	50
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Fapim S.p.A.
Via delle Cerbaie, 114
55011 Altopascio (LU) Italy
T +39 0583 2601 F+39 0583 25291
www.fapim.it info@fapim.it
Cod.Fisc. e Part.I.V.A. 02224030466

DOMATIC®

DOMATIC
info@domatic.it www.domatic.it



BENELUX

Fapim Benelux s.pr.l.b.v.b.a.
Avenue Rue St. Roch, 17
7712 Herseaux Belgium
T +32 56 340548
F +32 56 341960
info@fapimbenelux.be



HISPANIA

Fapim Hispania s.L.
C/edison, esq. A. Ingeniero
Goicoechea 45600
Parcela, 74
Talavera De la Reina (Espana)
T +34 925 828357
F +34 925 841148
administracion@fapimhispania.com
pedidos@fapimhispania.com



POLSKA

Fapim Polska sp. z o.o.
ul.Przyrzecze 4 03-107
Warszawa NIP: 536-16-29-437
T +48 227813797
F +48 227811022
Gsm 609022972



RUSSIA

Fapim RU IIC
249010, Dom 33, Kievskoe Shosse,
Obninsk, Kaluga Region
Russian Federation
T +79 163116480



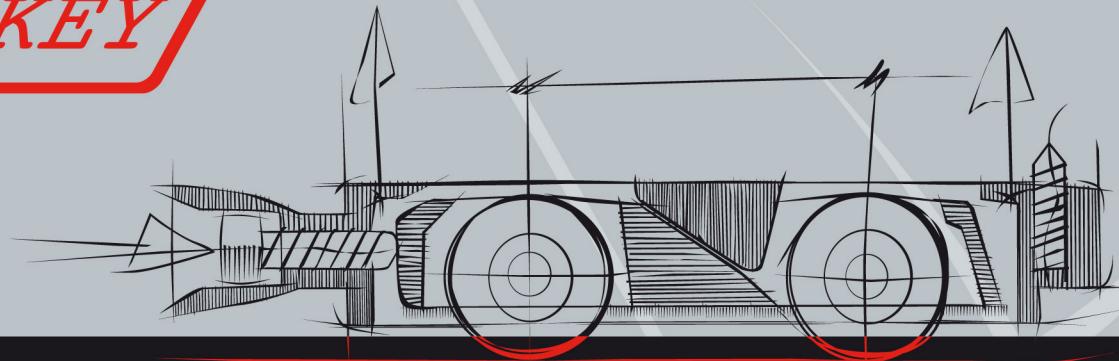
ARGENTINA

Fapim Argentina S.A.
Buschiazzi N° 347
(1611) Don Torcuato
Partido de Tigre
Buenos Aires - Argentina
T +54 (11) 48463545

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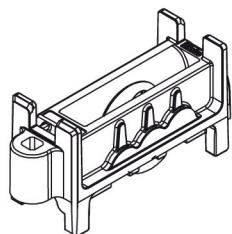


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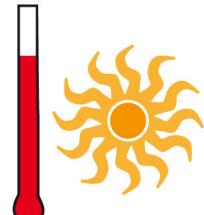
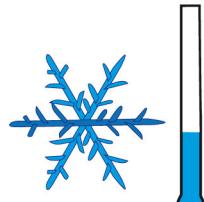
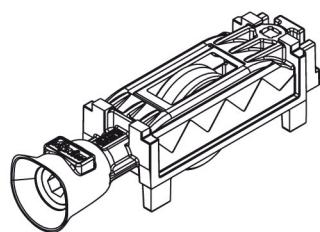




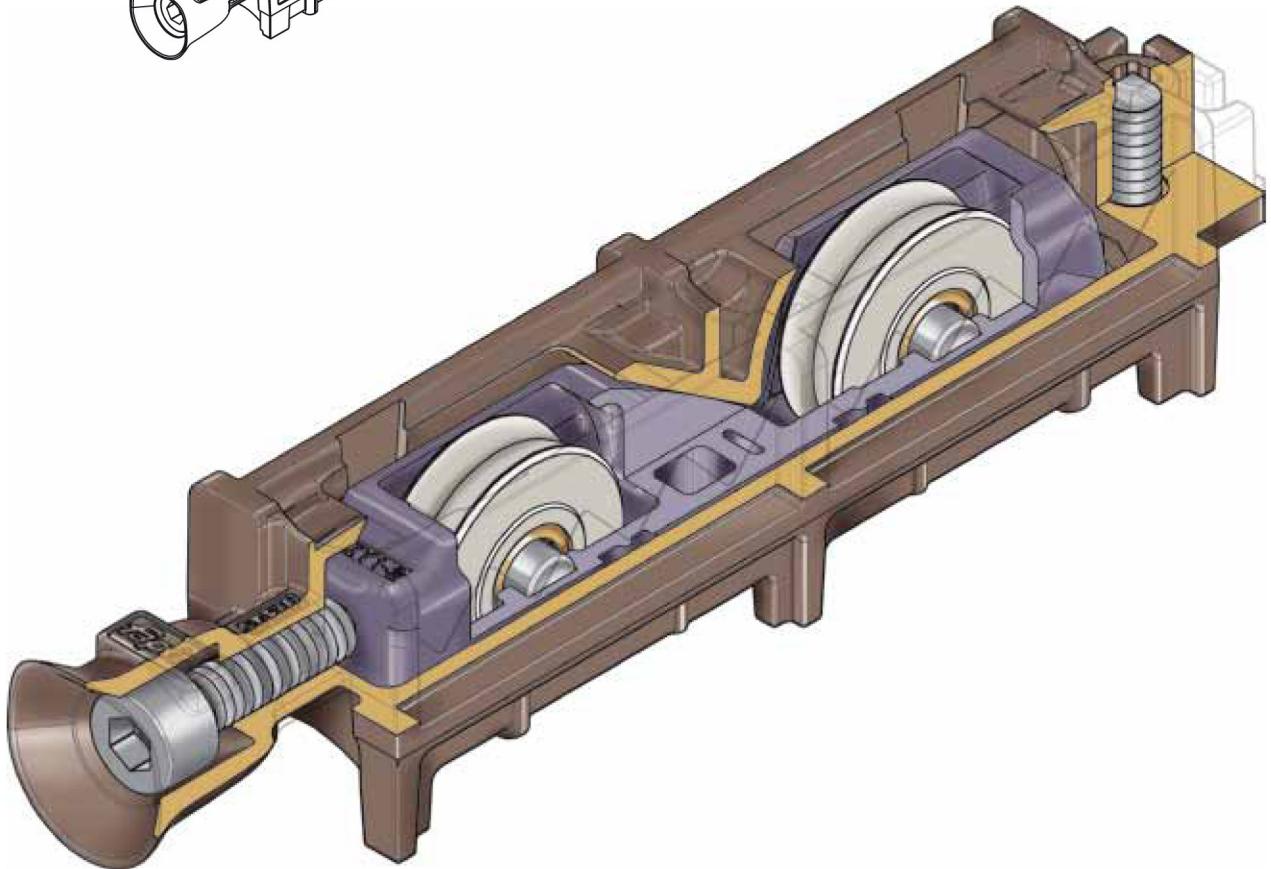
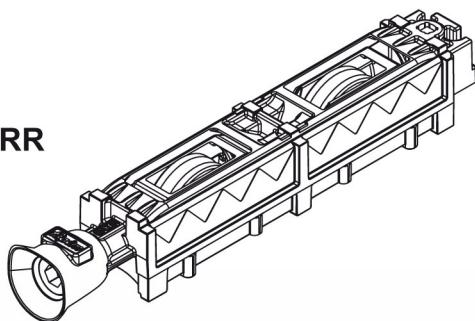
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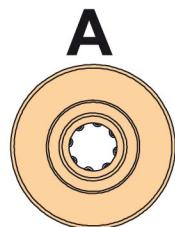


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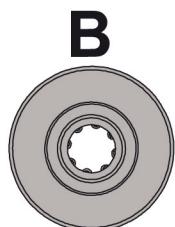
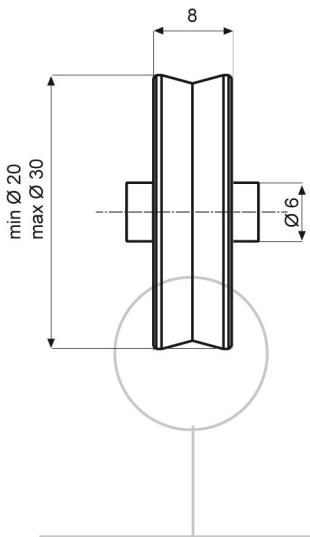
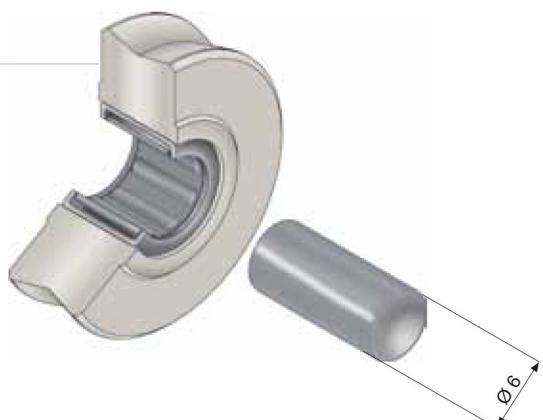


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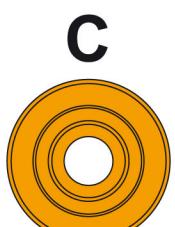
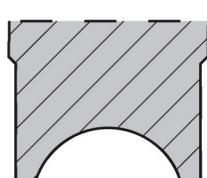
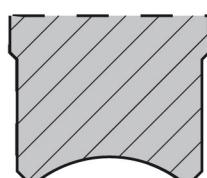
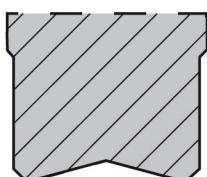
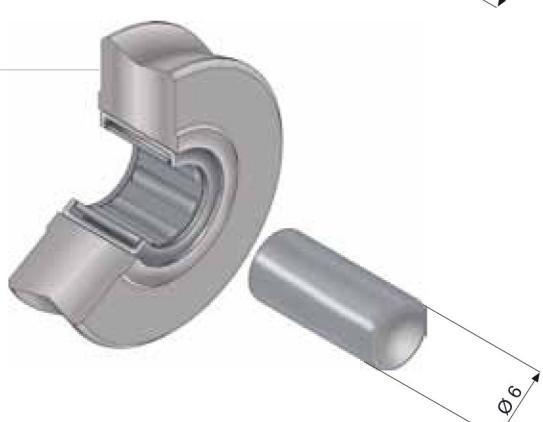




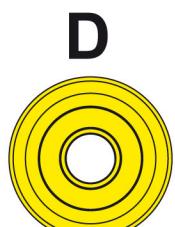
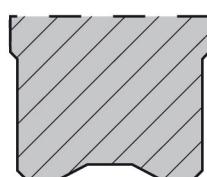
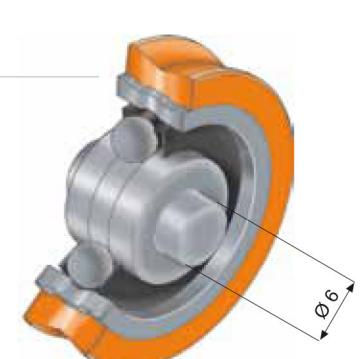
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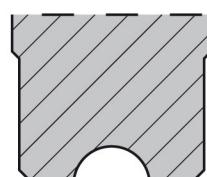
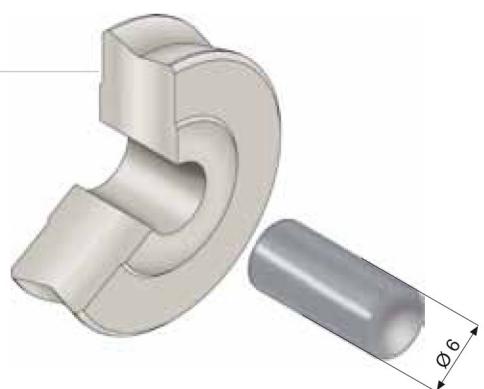
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PA



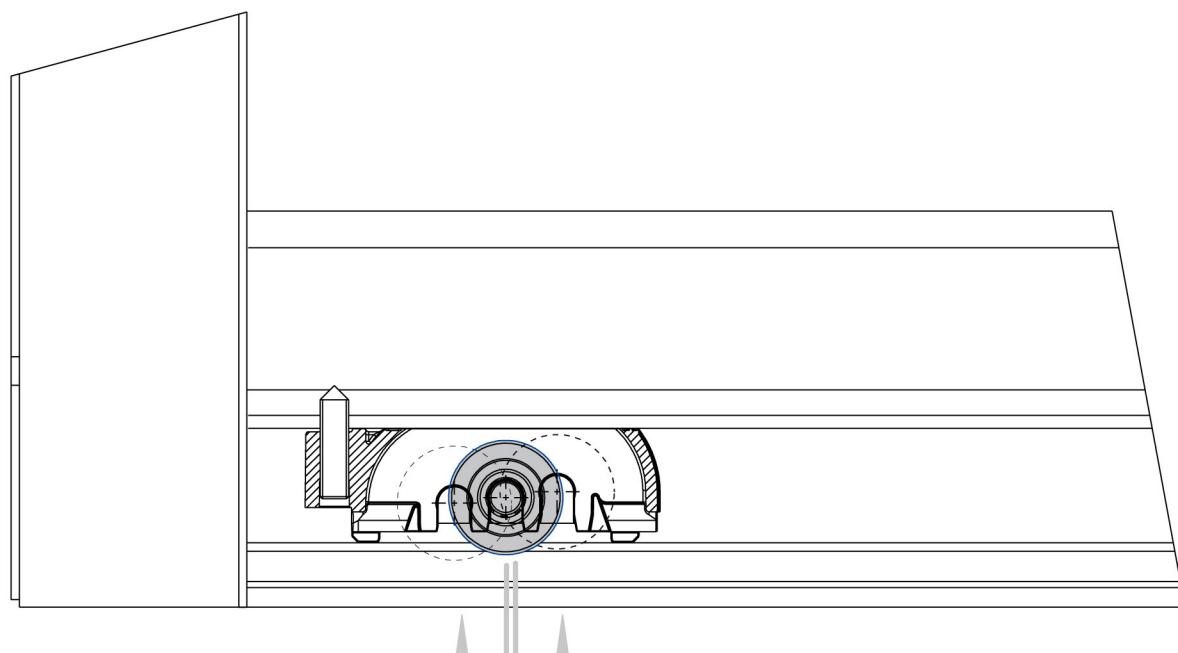
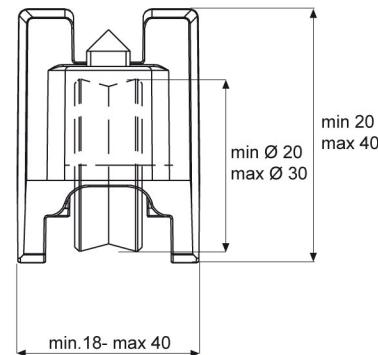
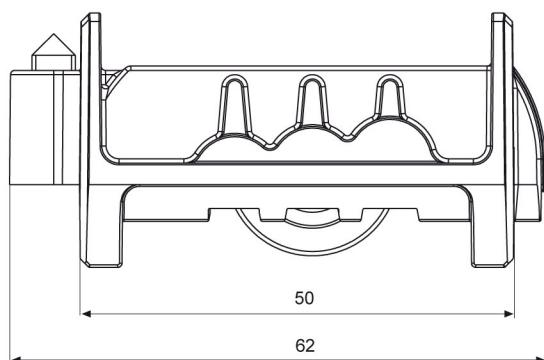
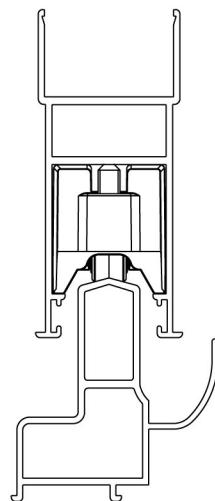
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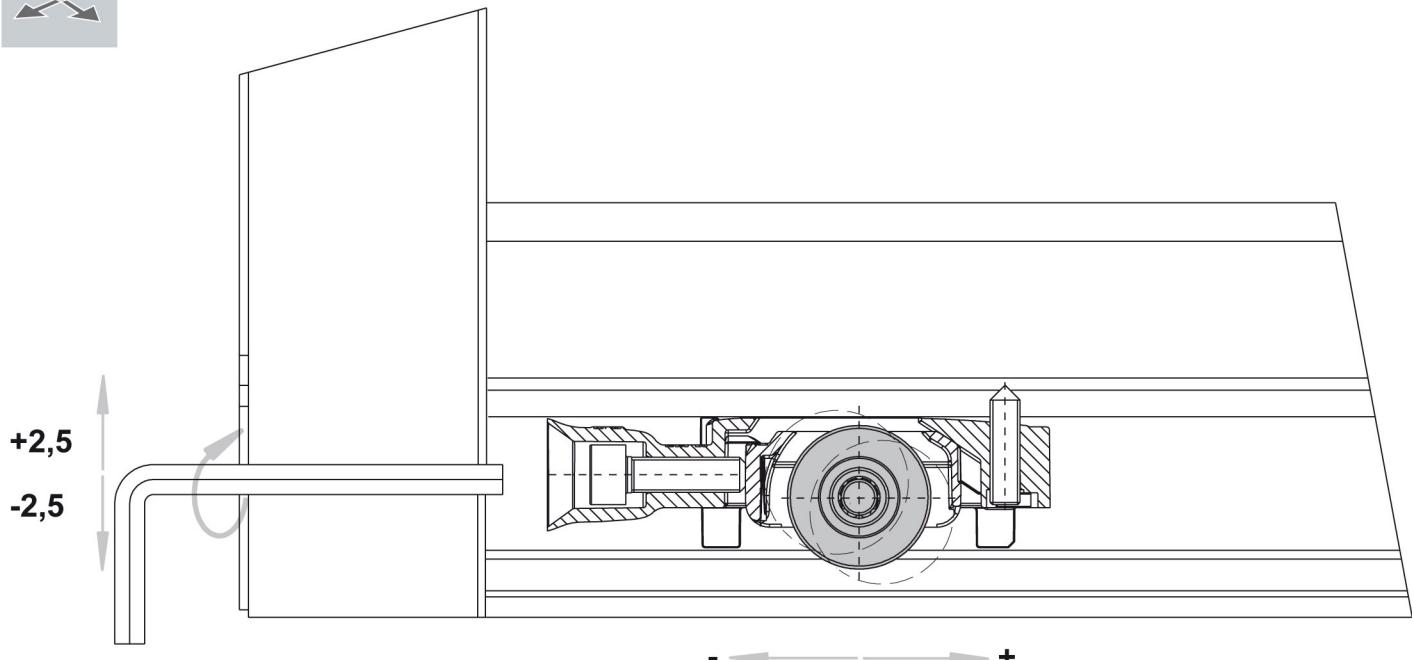
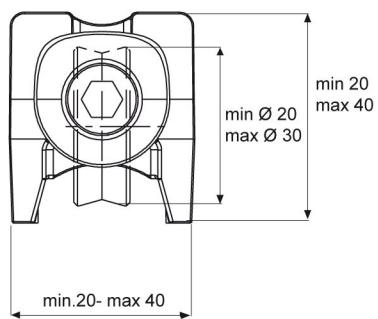
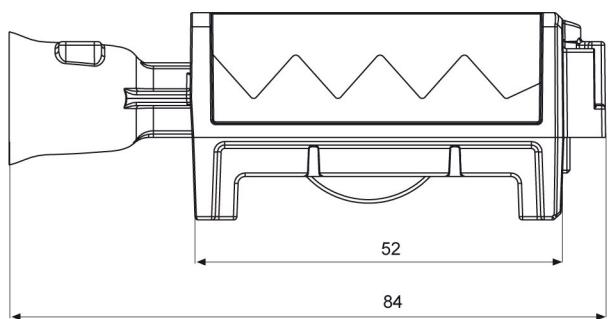
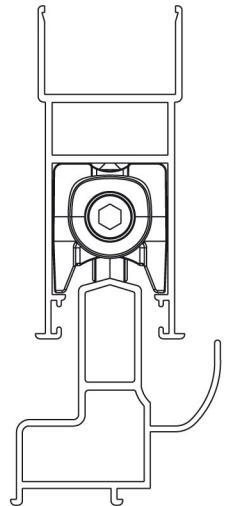
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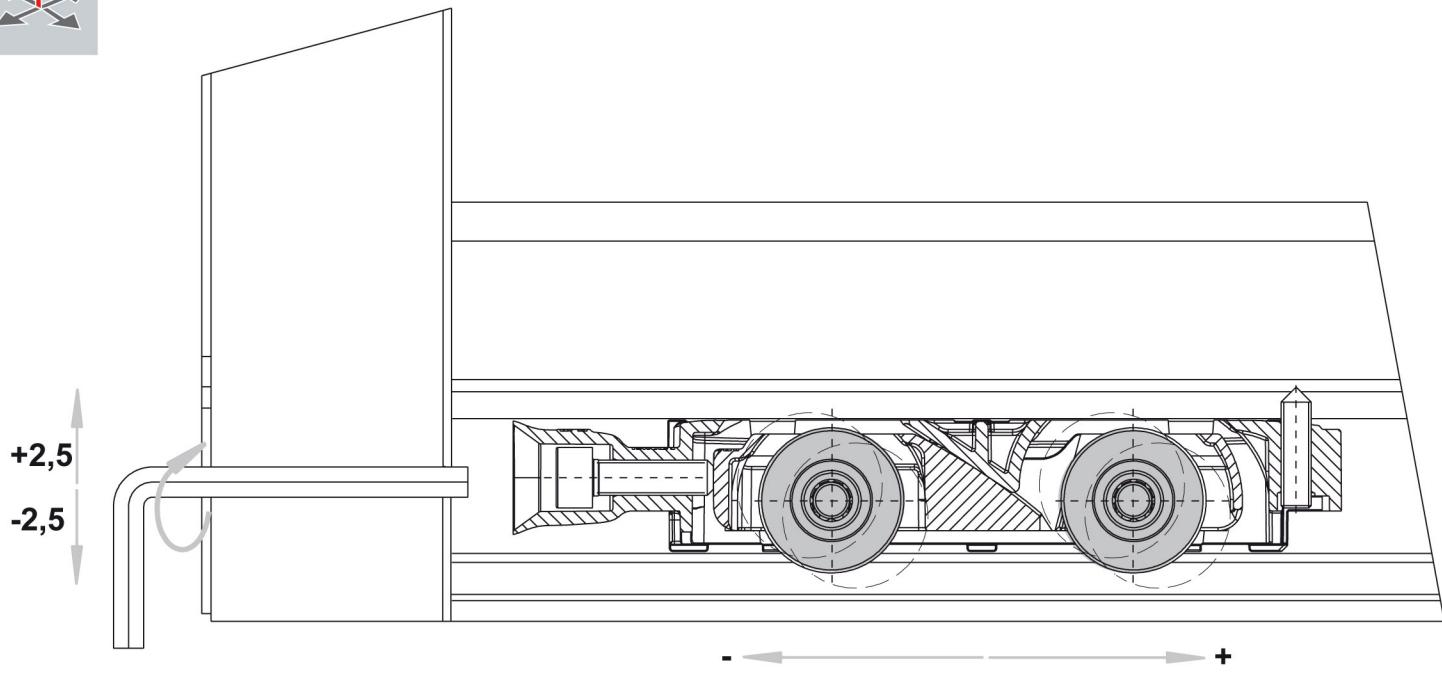
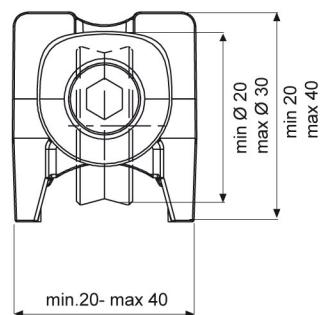
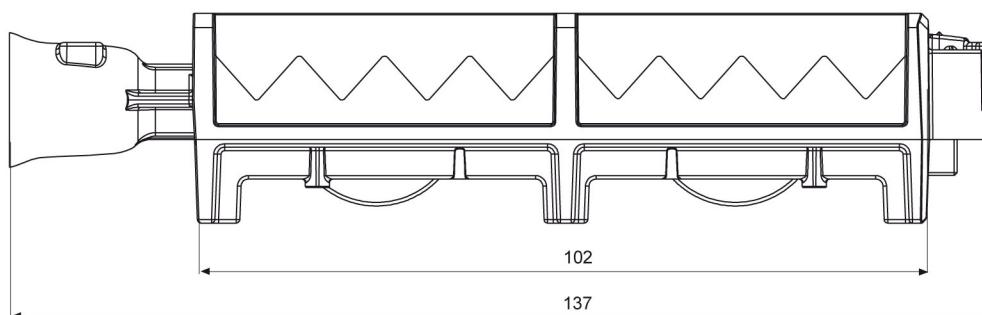
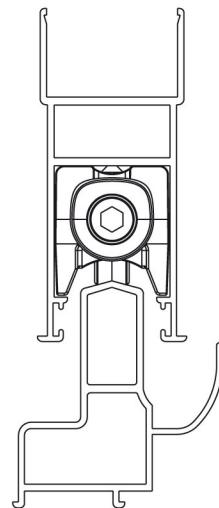
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<p>Test di Durabilità Durability Test Essai de Durabilité Ensaya de Durabilidad</p>	<p>1RF</p> <table> <tr> <td></td><td>A</td><td>Kg 90</td><td>Kg 80</td><td>Kg 70</td></tr> <tr> <td></td><td>B</td><td>Kg 90</td><td>Kg 80</td><td>Kg 70</td></tr> <tr> <td></td><td>C</td><td>Kg 75</td><td>Kg 65</td><td>Kg 60</td></tr> <tr> <td></td><td>D</td><td>Kg 75</td><td>Kg 65</td><td>Kg 60</td></tr> </table> <p>1RR</p> <table> <tr> <td></td><td>A</td><td>Kg 90</td><td>Kg 80</td><td>Kg 70</td></tr> <tr> <td></td><td>B</td><td>Kg 90</td><td>Kg 80</td><td>Kg 70</td></tr> <tr> <td></td><td>C</td><td>Kg 75</td><td>Kg 65</td><td>Kg 60</td></tr> <tr> <td></td><td>D</td><td>Kg 75</td><td>Kg 65</td><td>Kg 60</td></tr> </table> <p>2RR</p> <table> <tr> <td></td><td>A</td><td>Kg 150</td><td>Kg 140</td><td>Kg 130</td></tr> <tr> <td></td><td>B</td><td>Kg 150</td><td>Kg 140</td><td>Kg 130</td></tr> <tr> <td></td><td>C</td><td>Kg 130</td><td>Kg 120</td><td>Kg 100</td></tr> <tr> <td></td><td>D</td><td>Kg 120</td><td>Kg 110</td><td>Kg 100</td></tr> </table>		A	Kg 90	Kg 80	Kg 70		B	Kg 90	Kg 80	Kg 70		C	Kg 75	Kg 65	Kg 60		D	Kg 75	Kg 65	Kg 60		A	Kg 90	Kg 80	Kg 70		B	Kg 90	Kg 80	Kg 70		C	Kg 75	Kg 65	Kg 60		D	Kg 75	Kg 65	Kg 60		A	Kg 150	Kg 140	Kg 130		B	Kg 150	Kg 140	Kg 130		C	Kg 130	Kg 120	Kg 100		D	Kg 120	Kg 110	Kg 100			
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<p>Test di Corrosione alla Nebbia Salina Salt Spray And Corrosion Test Essai de Corrosion au Brouillard Salin Ensaya de Corrosion ala niebla Salina</p> <p>pH 7.0:7.2 Temperature 35°C Sodium Chloride: 50/gr.liter</p>	<p>1RF</p> <p>1RR</p> <p>2RR</p> <table> <tr> <td></td><td>A</td><td></td><td>240 h (Grado/Degree/Degré/Grado 4)</td><td></td></tr> <tr> <td></td><td>B</td><td></td><td></td><td>UNI EN 1670:2007</td></tr> <tr> <td></td><td>C</td><td></td><td>480 h (Grado/Degree/Degré/Grado 5)</td><td></td></tr> <tr> <td></td><td>D</td><td></td><td></td><td>UNI EN 1670:2007</td></tr> </table>		A		240 h (Grado/Degree/Degré/Grado 4)			B			UNI EN 1670:2007		C		480 h (Grado/Degree/Degré/Grado 5)			D			UNI EN 1670:2007																																											
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	D			UNI EN 1670:2007																																																												

1RF



1RR



2RR

GRUPPO EUROINVEST



FAPIM S.P.A.
VIA DELLE CERBAIE, 114 - 55011 ALTOPASCIO (LU) ITALIA
TEL. +39 0583 2601
FAX +39 0583 25291
WWW.FAPIM.IT
INFO@FAPIM.IT



DOMATIC
WWW.DOMATIC.IT
INFO@DOMATIC.IT



FAPIM BENELUX S.P.R.L.B.V.B.A.
AVENUE RUE ST. ROCH ,17 - 7712 HERSEAU BELGIUM
TEL. +32 56 340548
FAX +32 56 341960
INFO@FAPIMBENELUX.BE



FAPIM HISPANIA S.L.
C/EDISON, ESQ. A. INGENIERO GOICOECHEA
45600 PARCELA, 74 TALAVERA DE LA REINA (ESPAÑA)
TLFN. +34 925 828357
FAX +34 925 841148
ADMINISTRACIÓN@FAPIMHISPANIA.COM
PEDIDOS@FAPIMHISPANIA.COM



FAPIM POLSKA SP.Z.O.O.
J.PILSUDSKIEGO 200
05-270 MARKI - POLONIA
TEL. +48 22781 3797
FAX +48 22781 1022
INFO@FAPIM.PL



FAPIM RU LLC
249010, DOM 33, KIEVSKOE SHOSSE,
OBNINSK, KALUGA REGION
RUSSIAN FEDERATION
TEL. +79 163116480



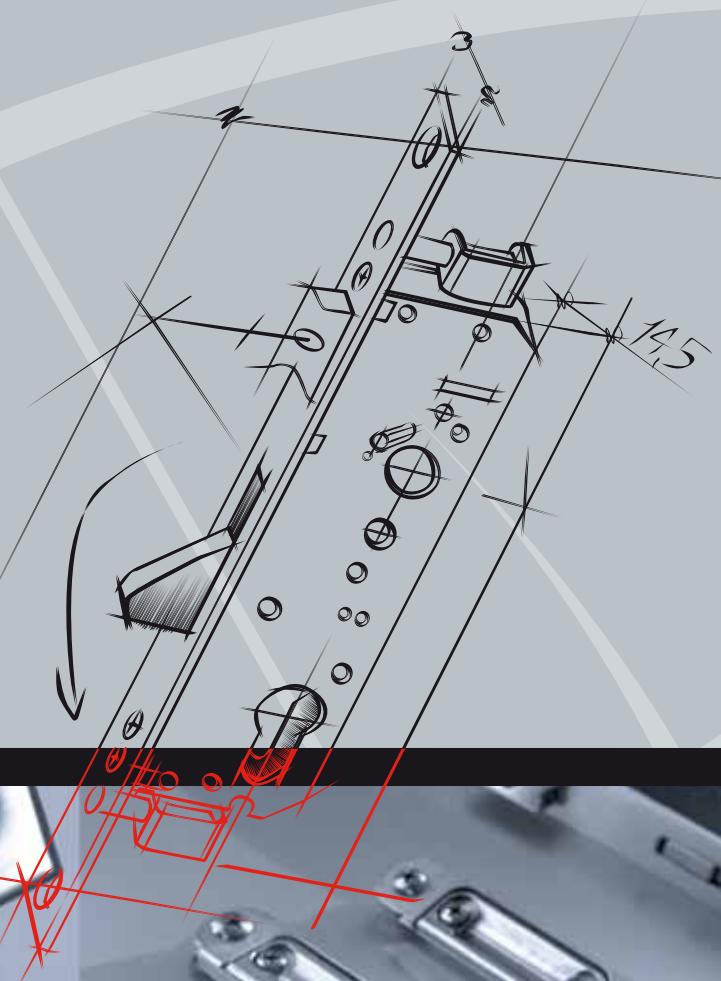
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CALLE ERNEST RUTHERFORD Nº 4749
ÁREA DE PROMOCIÓN INDUSTRIAL EL
TRIÁNGULO (1615) GRAND BOURG
PARTIDO DE MALVINAS ARGENTINAS
BUENOS AIRES - ARGENTINA
TEL. PLANTA: (+54) (3327) 453049
FAX PLANTA: (+54) (3327) 442312

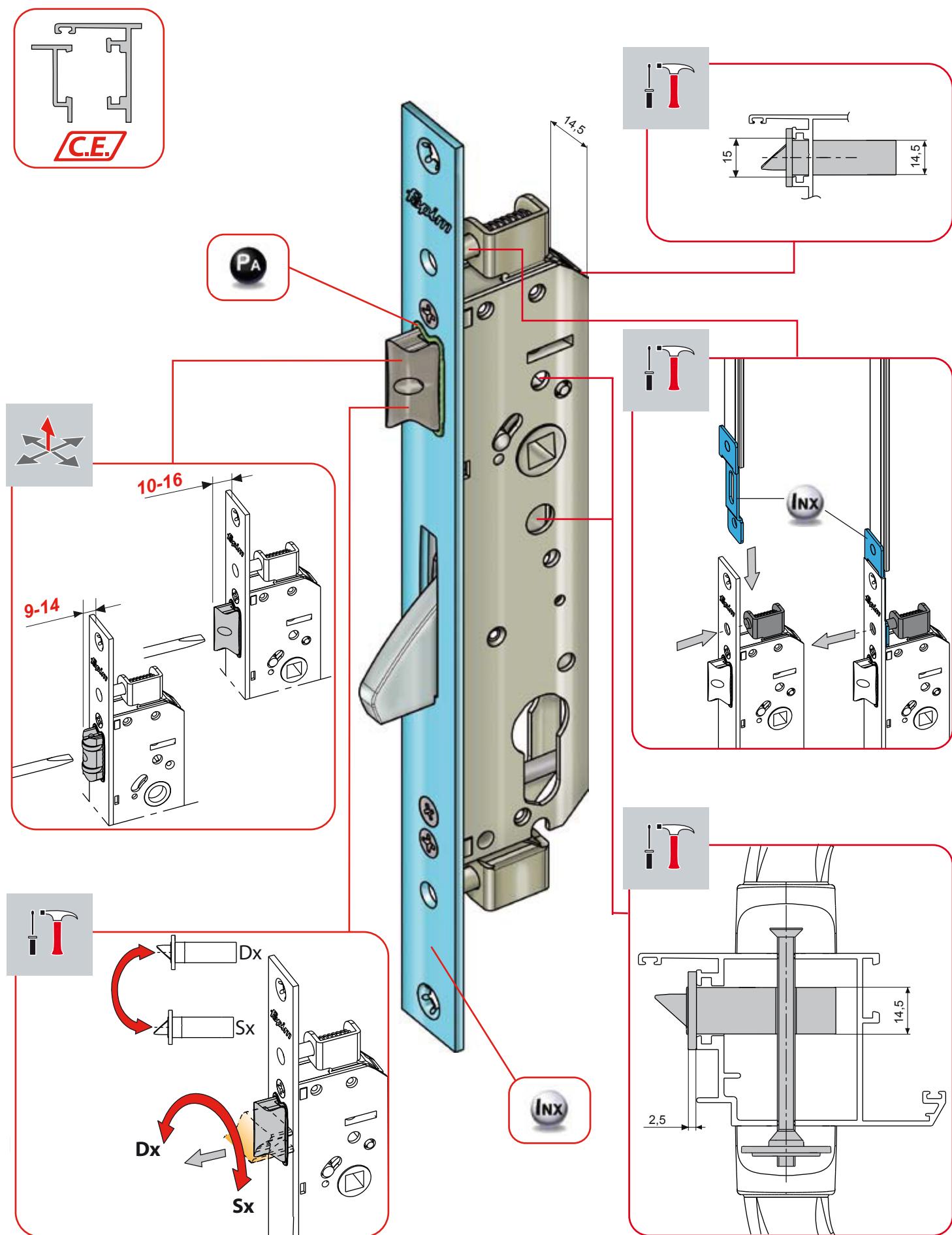


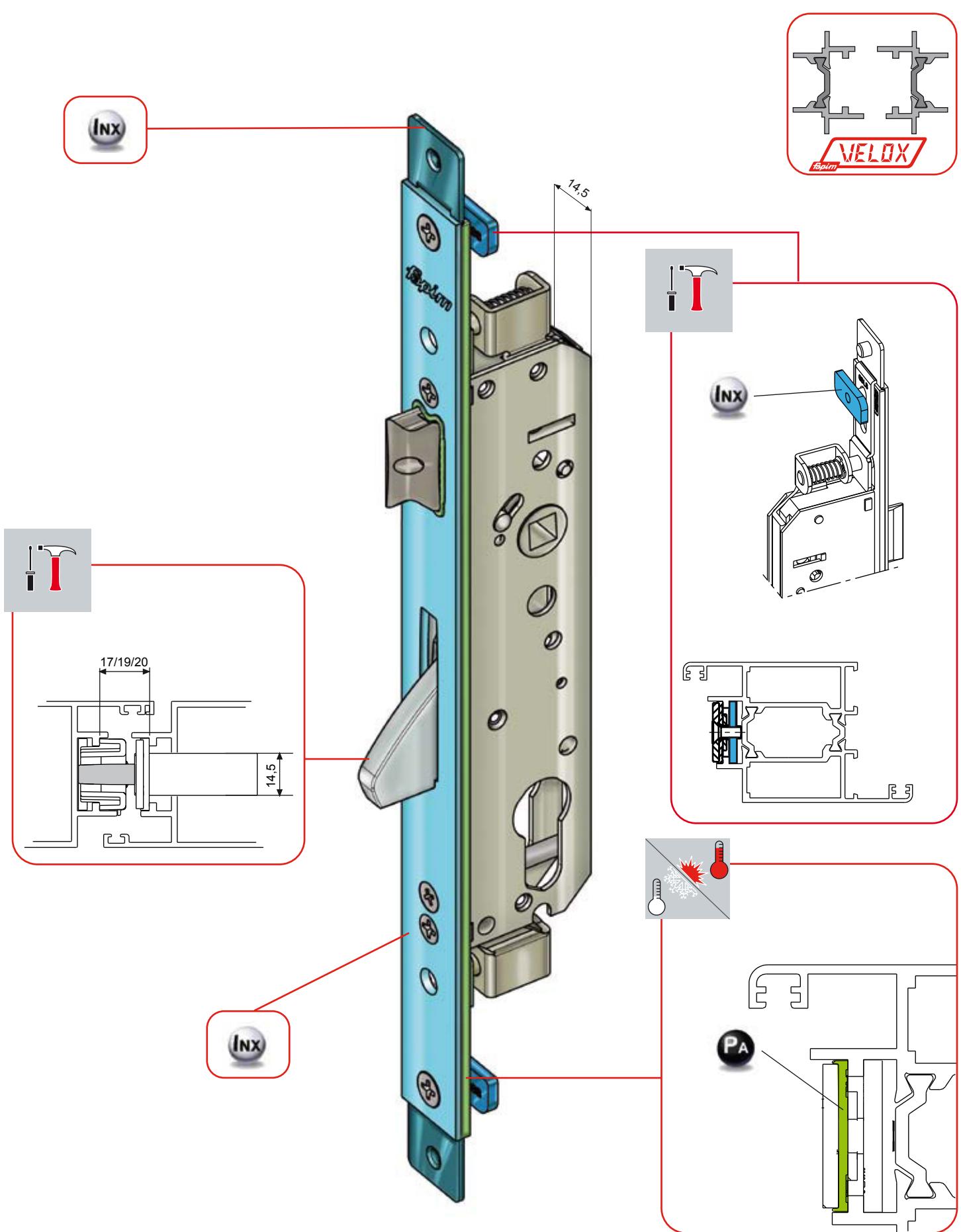
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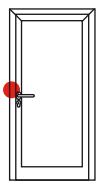
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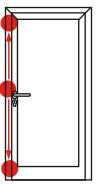
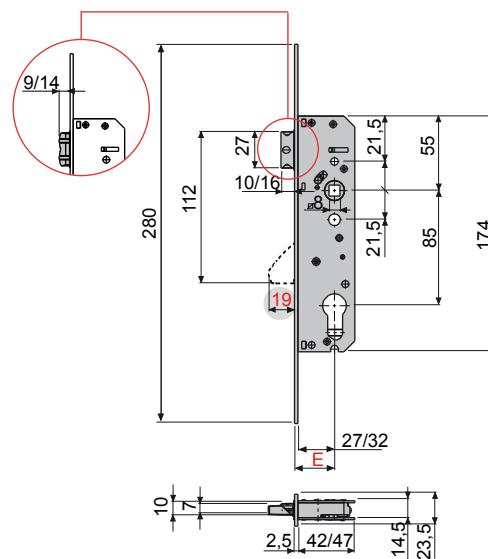




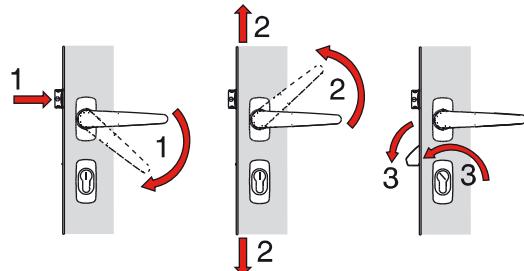
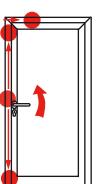
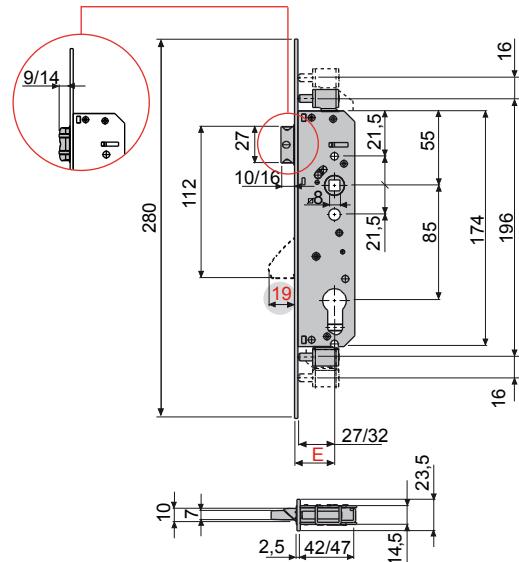




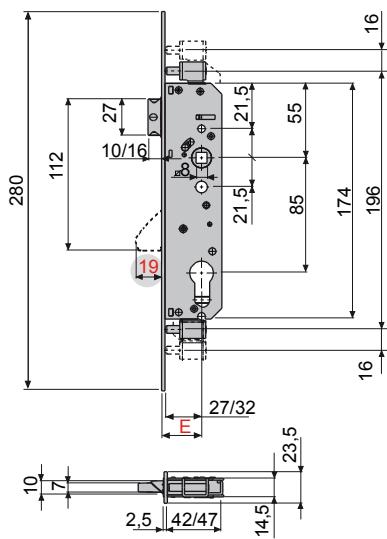
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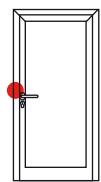
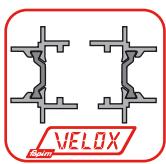


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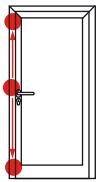
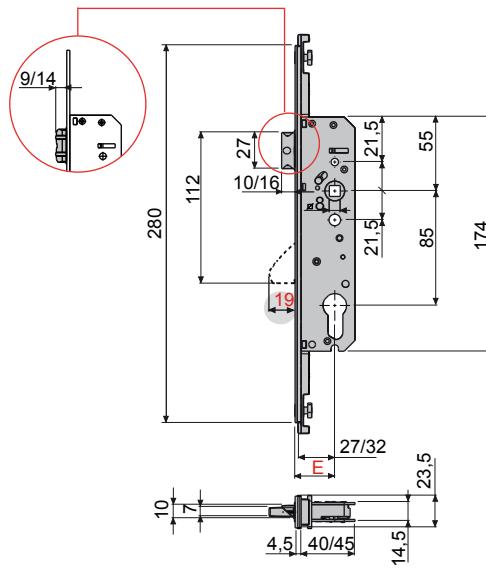


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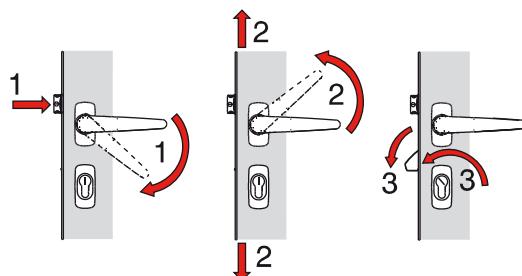
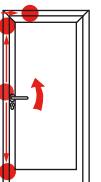
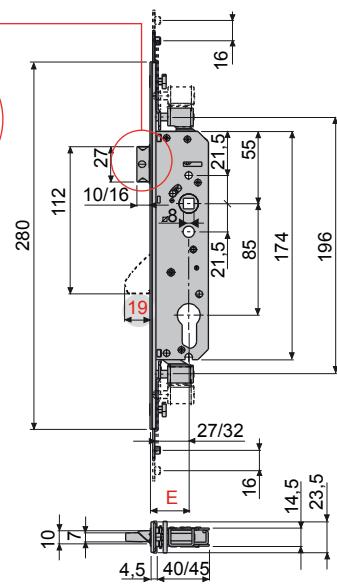




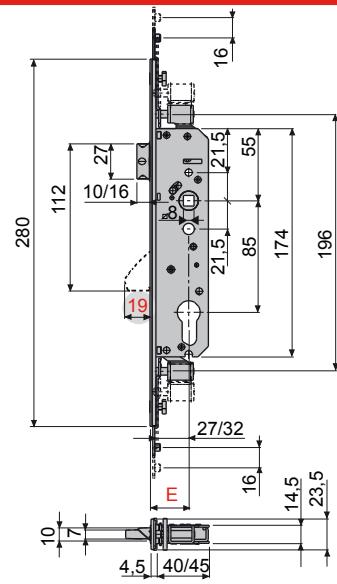
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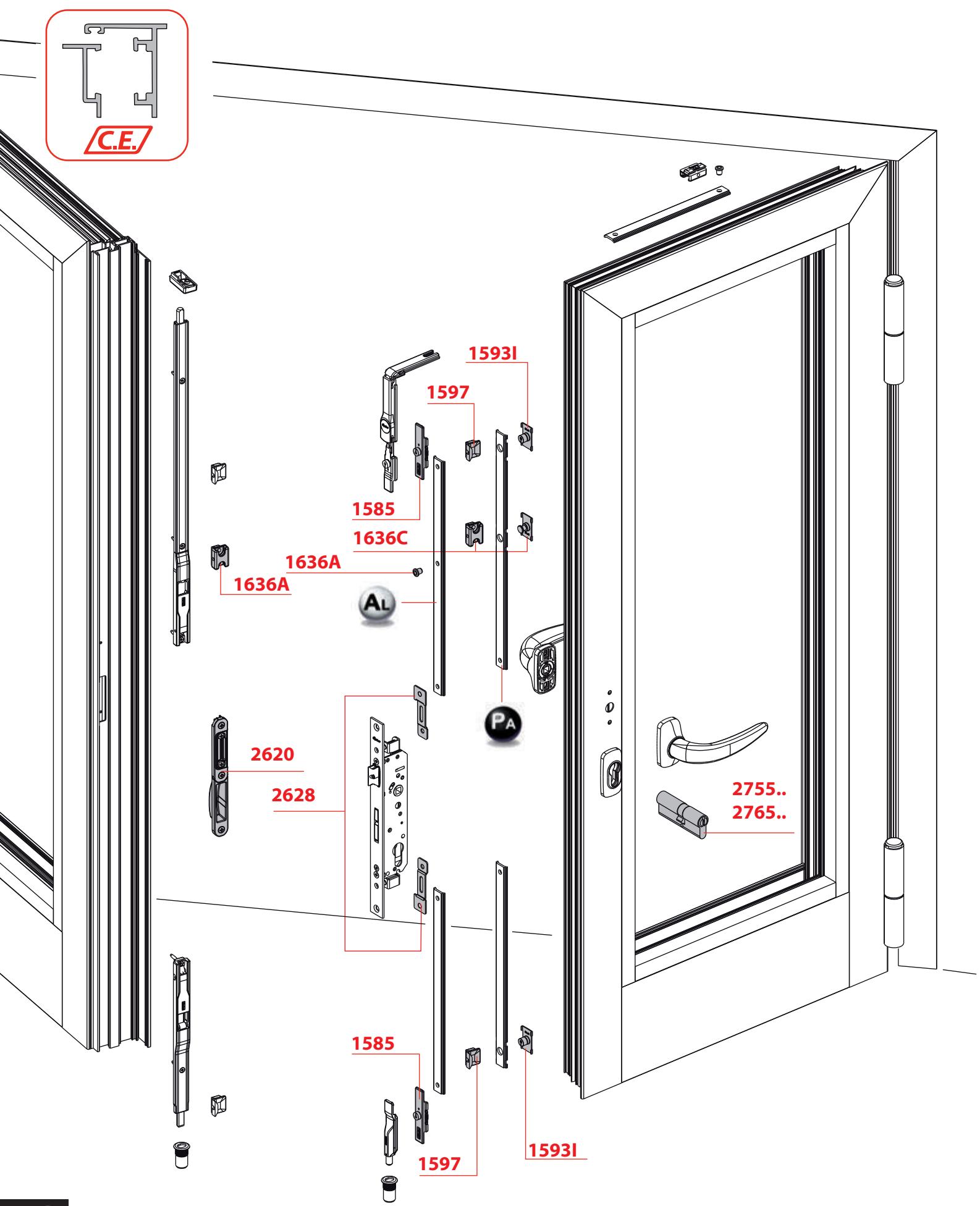


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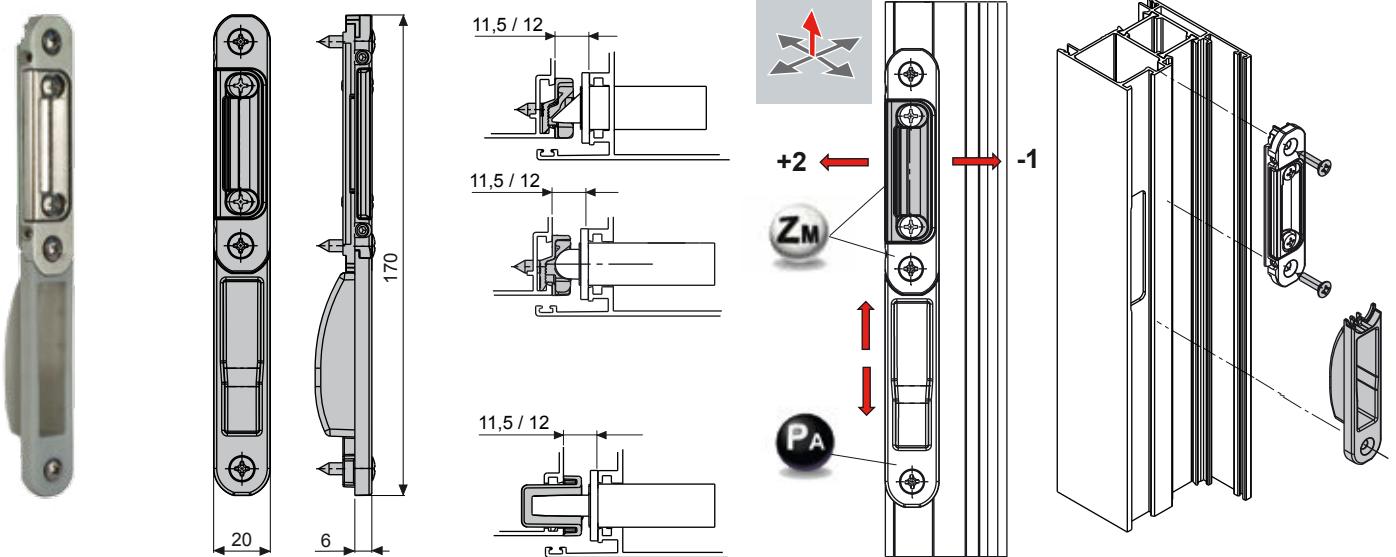


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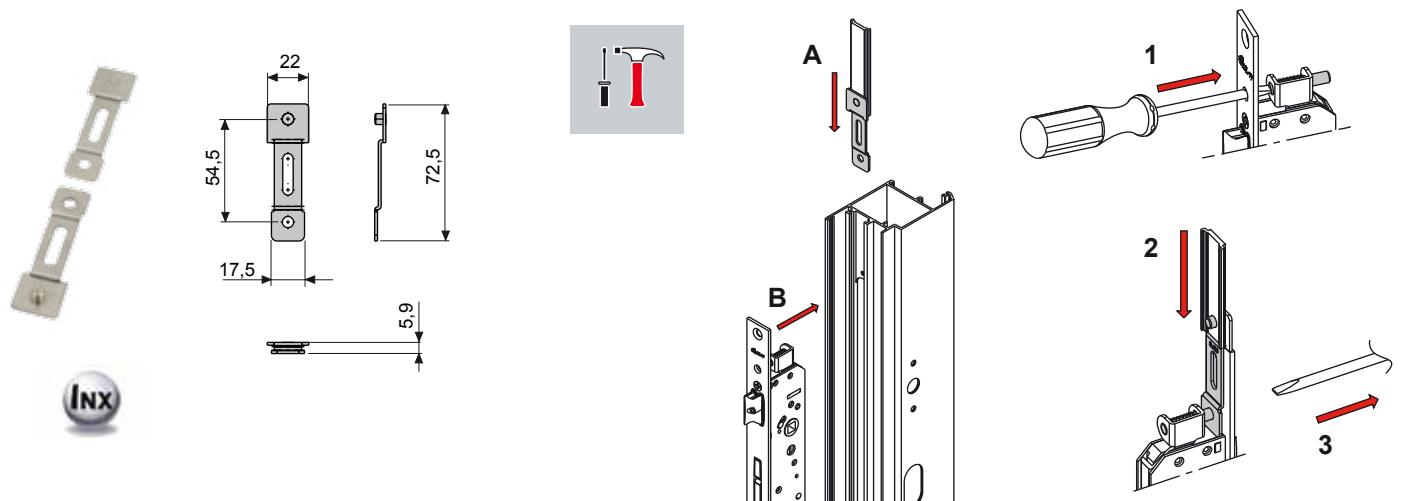




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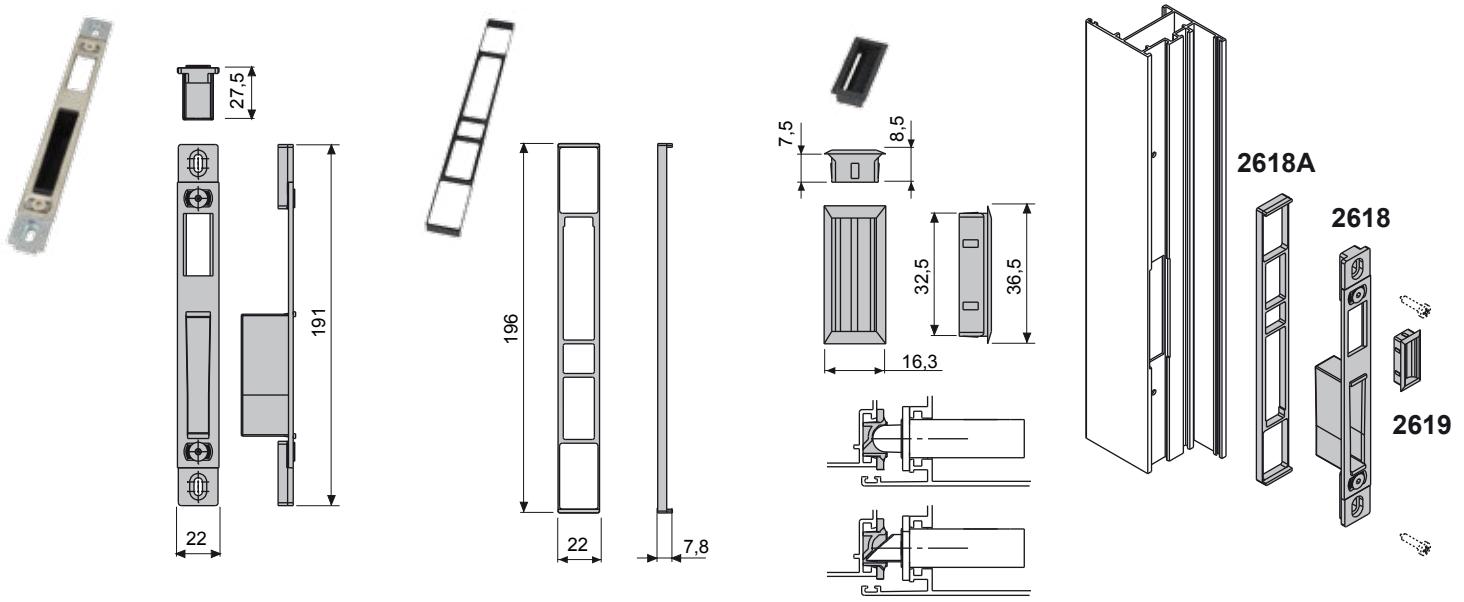
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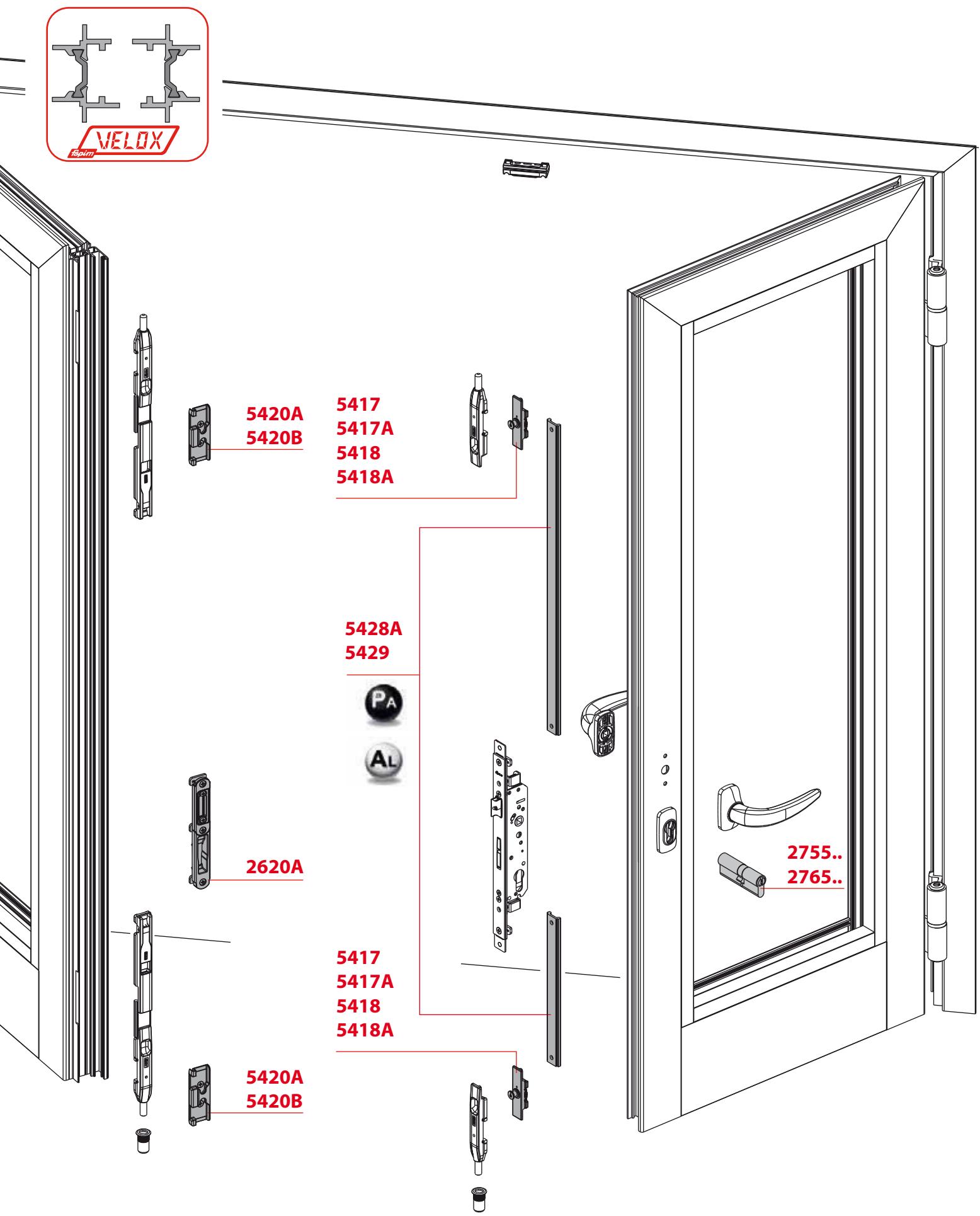


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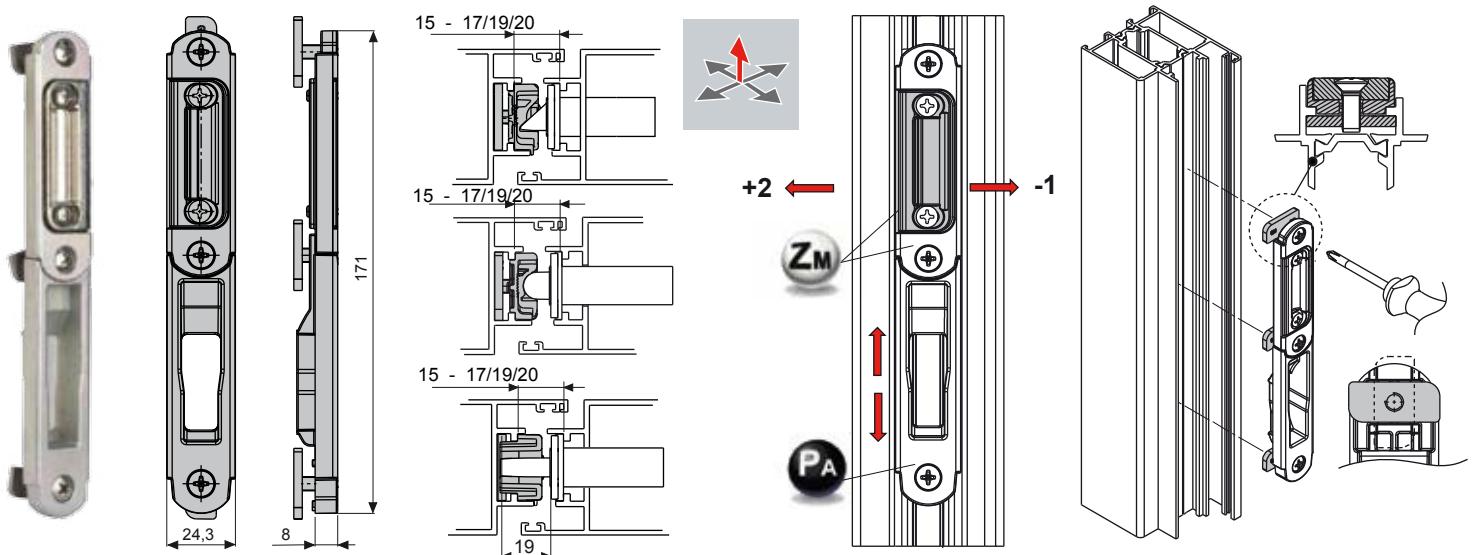
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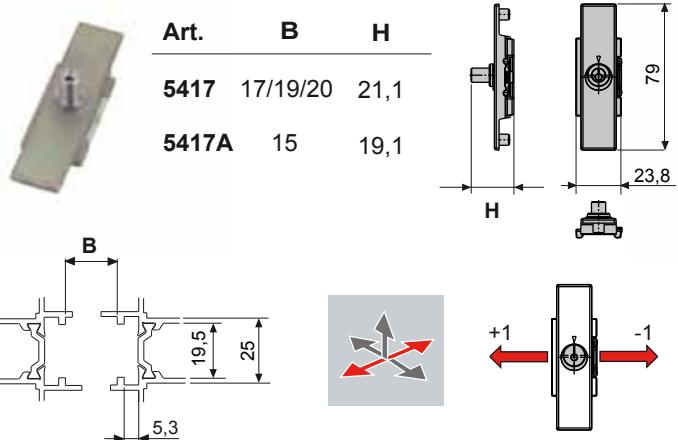




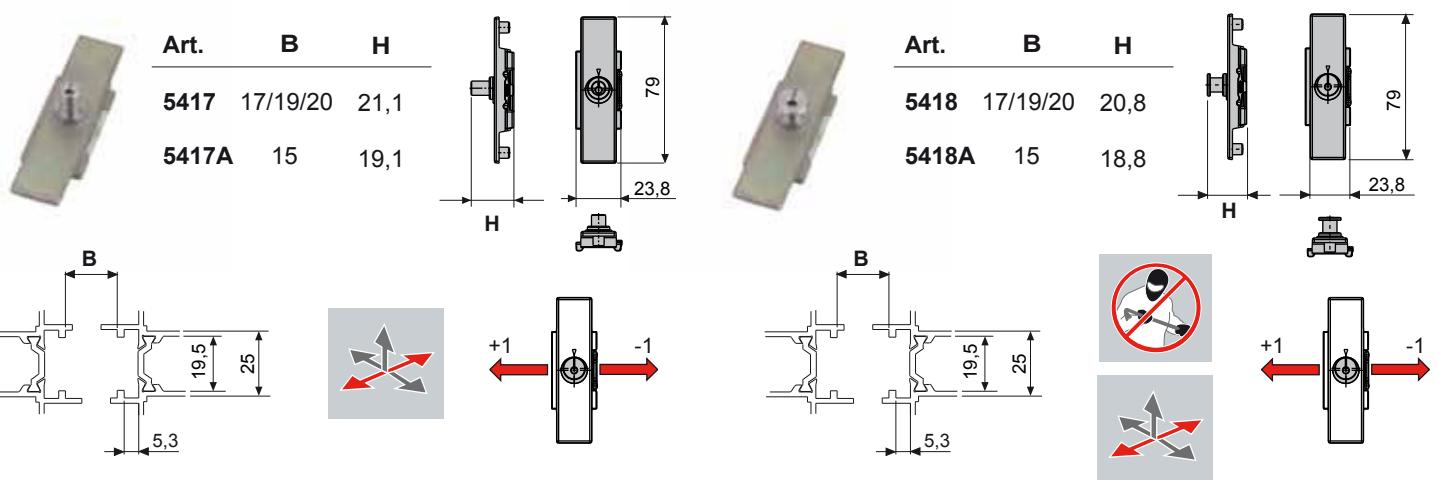
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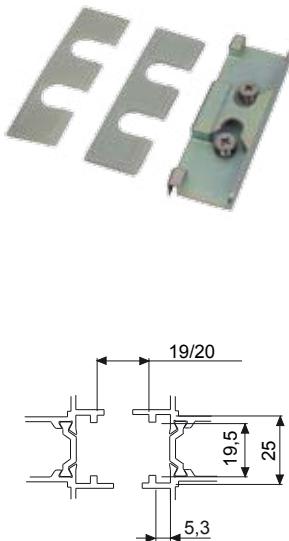
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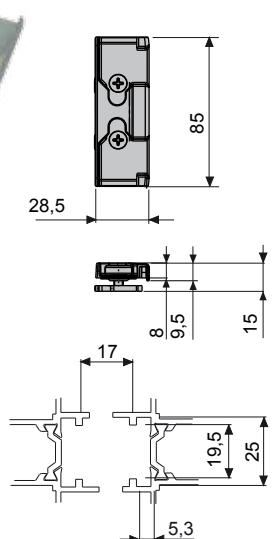
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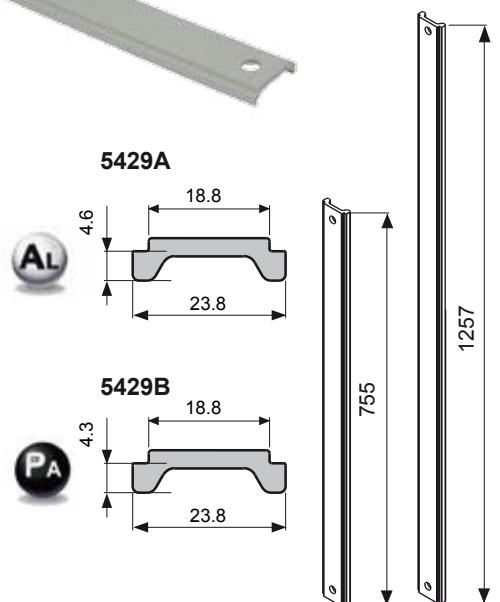
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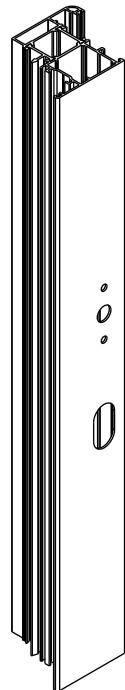
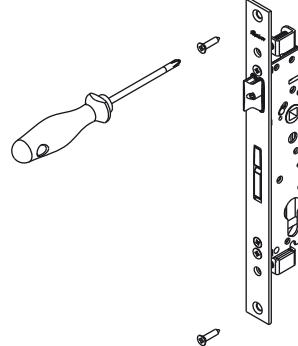
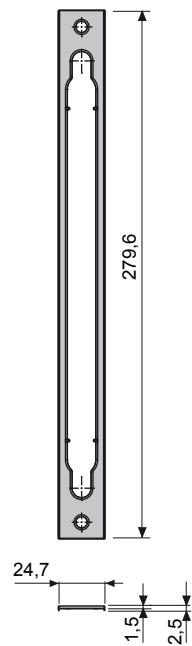


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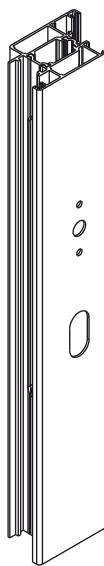
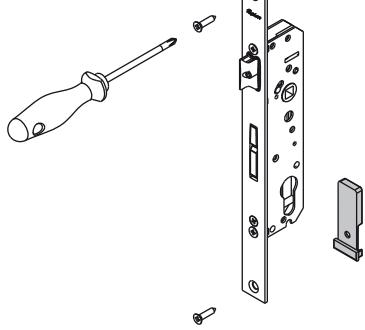
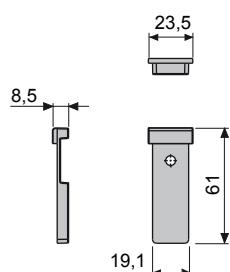
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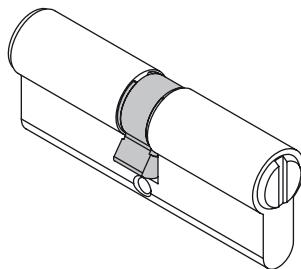
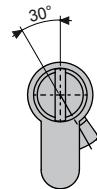
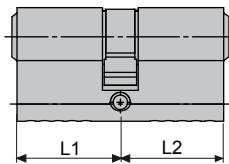
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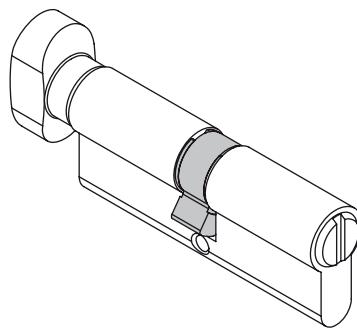
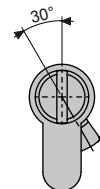
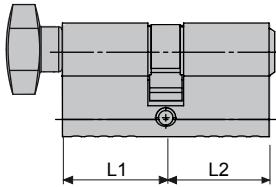
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VELOX





Art.	
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2755BD	30 + 40
2755BE	30 + 45
2755BF	30 + 50
2755BG	30 + 55
2755BH	30 + 60
2755BJ	30 + 65
2755CC	35 + 35
2755CG	35 + 55
2755CH	35 + 60
2755CJ	35 + 65
2755DD	40 + 40



Art.	
2765CH	P 35 + 60
2765DD	P 40 + 40
2765HC	P 60 + 35





FAPIM S.P.A.
VIA DELLE CERBAIE, 114 - 55011 ALTOPASCIO (LU) ITALIA
TEL. +39 0583 2601
FAX +39 0583 25291
WWW.FAPIM.IT
INFO@FAPIM.IT



DOMATIC
WWW.DOMATIC.IT
INFO@DOMATIC.IT



FAPIM BENELUX S.P.R.L.B.V.B.A.
AVENUE RUE ST. ROCH ,17 - 7712 HERSEAU BELGIUM
TEL. +32 56 340548
FAX +32 56 341960
INFO@FAPIMBENELUX.BE



FAPIM HISPANIA S.L.
C/EDISON, ESQ. A. INGENIERO GOICOECHEA
45600 PARCELA, 74 TALAVERA DE LA REINA (ESPAÑA)
TLFN. +34 925 828357
FAX +34 925 841148
ADMINISTRACION@FAPIMHISPANIA.COM
PEDIDOS@FAPIMHISPANIA.COM



FAPIM POLSKA SP.Z.O.O.
J.PILSUDSKIEGO 200
05-270 MARKI - POLONIA
TEL. +48 22781 3797
FAX +48 22781 1022
INFO@FAPIM.PL



FAPIM RU LLC
249010, DOM 33, KIEVSKOE SHOSSE,
OBNINSK, KALUGA REGION
RUSSIAN FEDERATION
TEL. +79 163116480



FAPIM ARGENTINA S.A.
CALLE ERNEST RUTHERFORD N° 4749
ÁREA DE PROMOCIÓN INDUSTRIAL EL
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PARTIDO DE MALVINAS ARGENTINAS
BUENOS AIRES - ARGENTINA
TEL. PLANTA: (+54) (3327) 453049
FAX PLANTA: (+54) (3327) 442312



MAGICUBE

The concealed performance

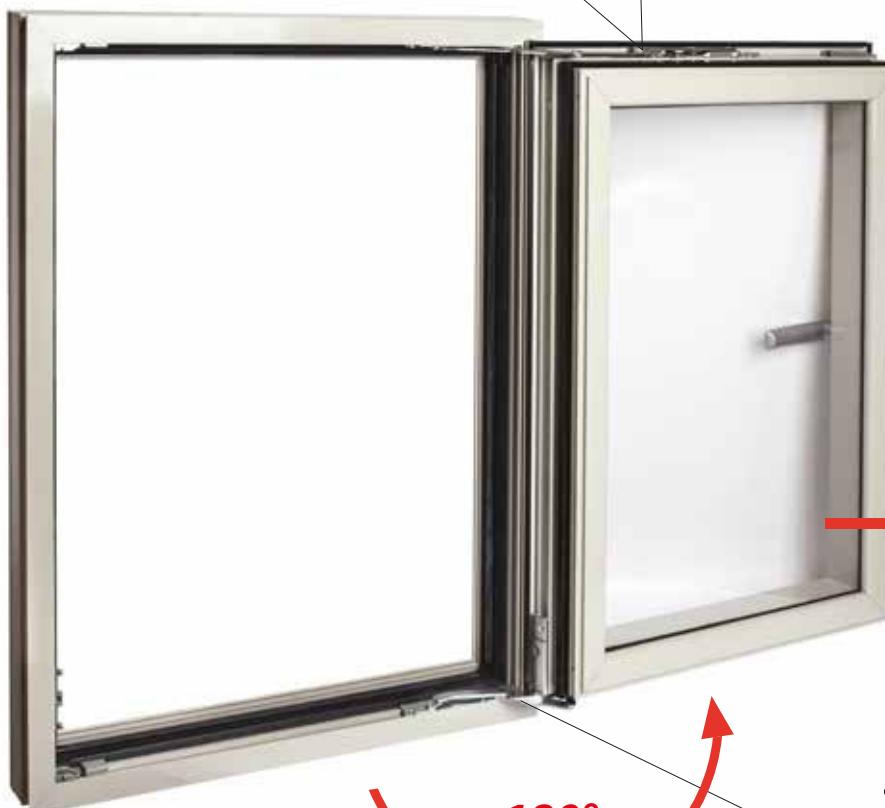
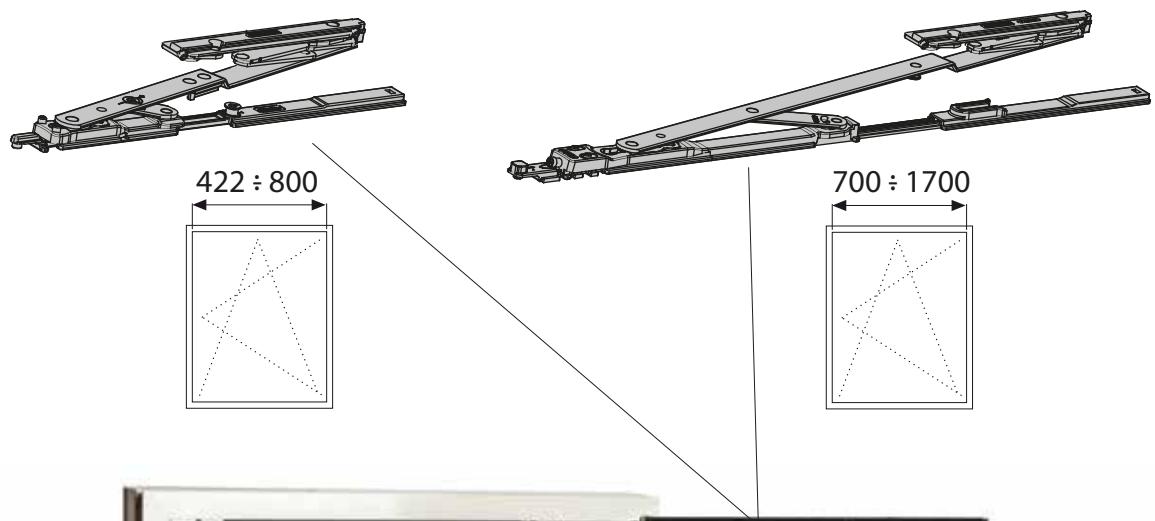


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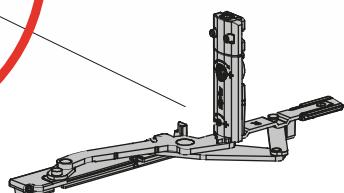


Made in Italy

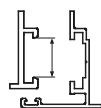
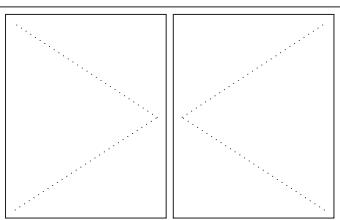
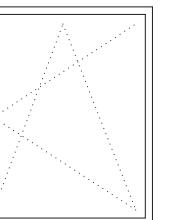
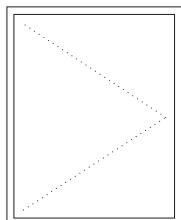
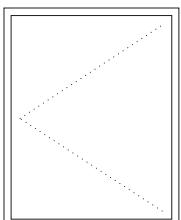
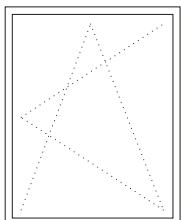
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Life in evolution



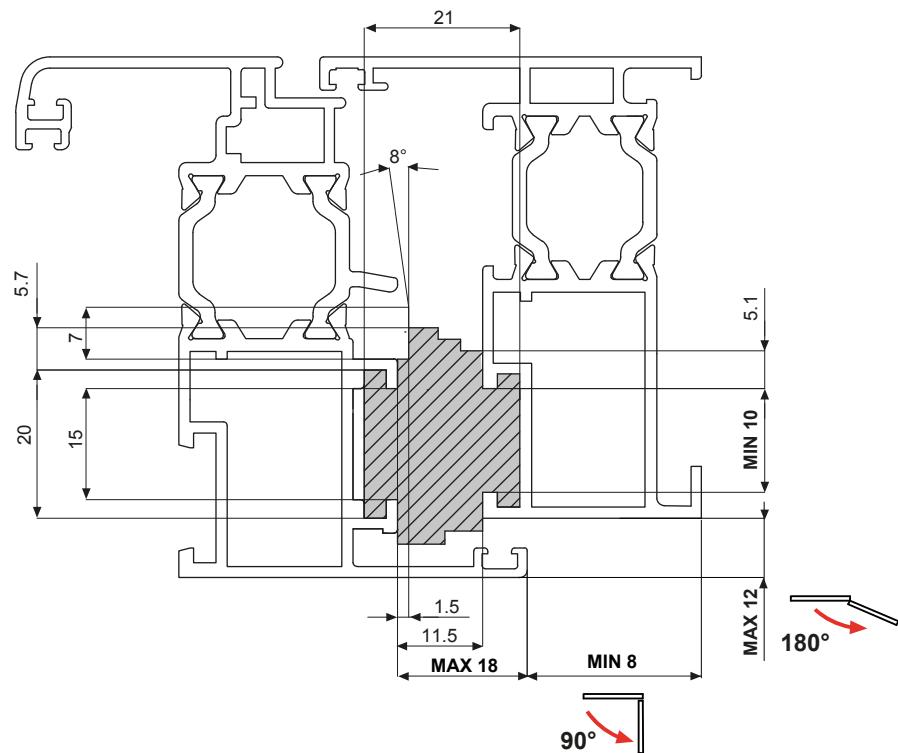
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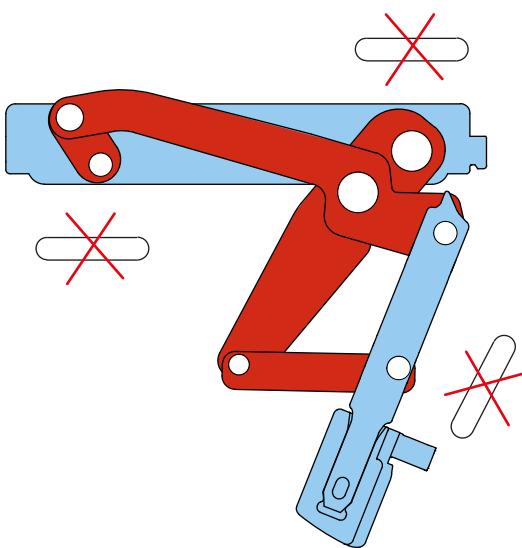
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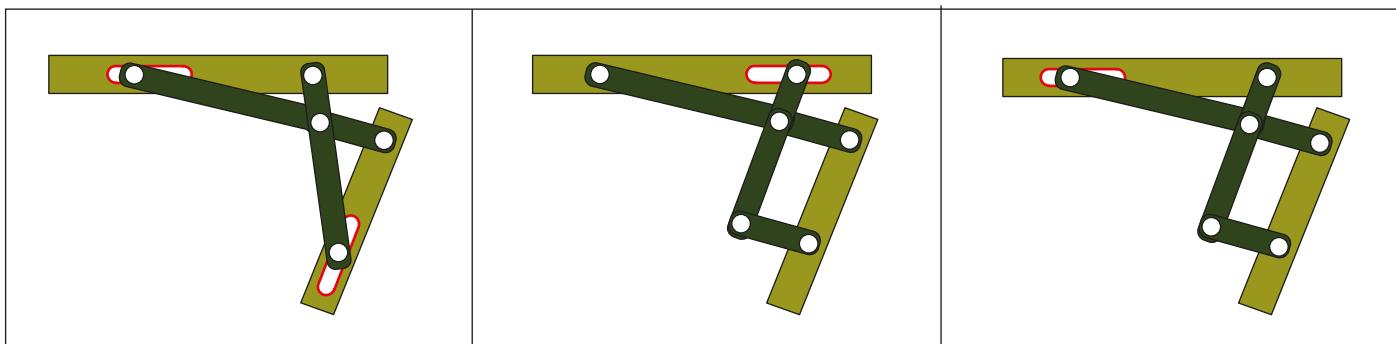
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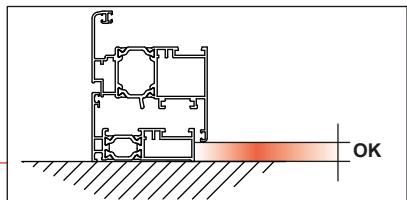
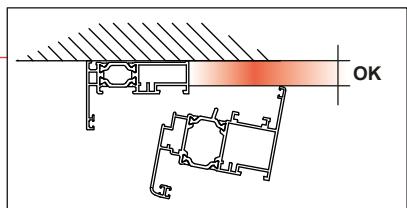
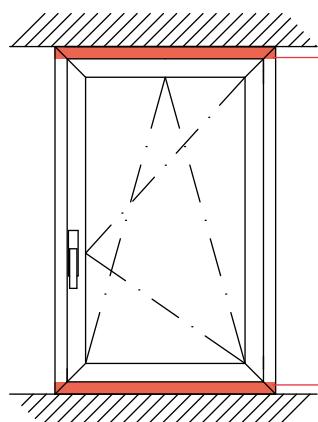
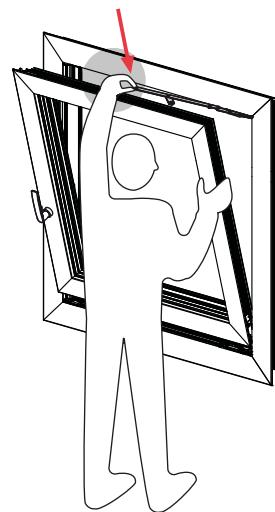
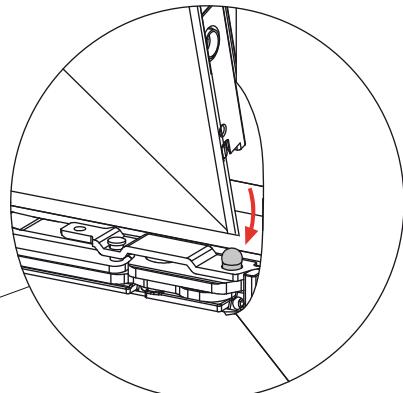
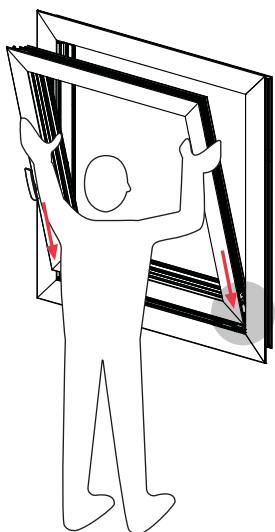
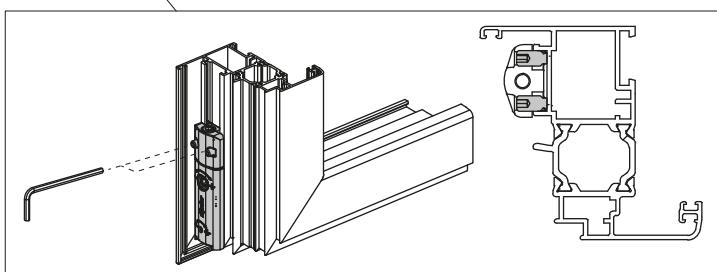
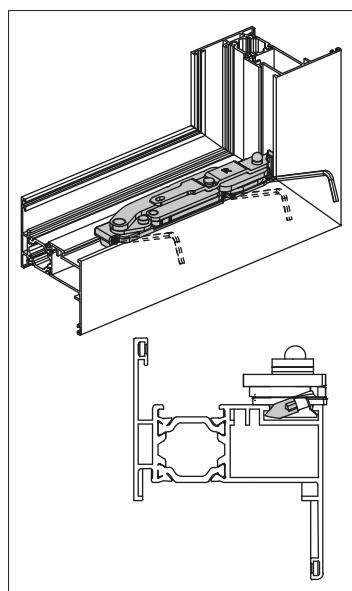
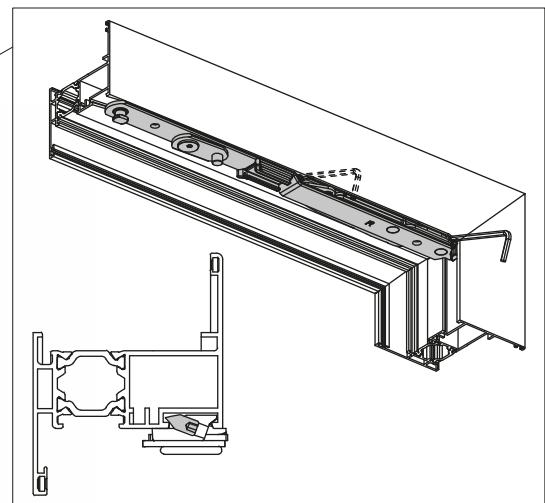
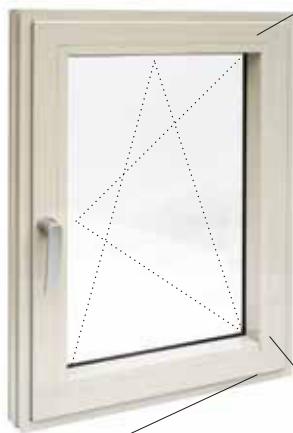


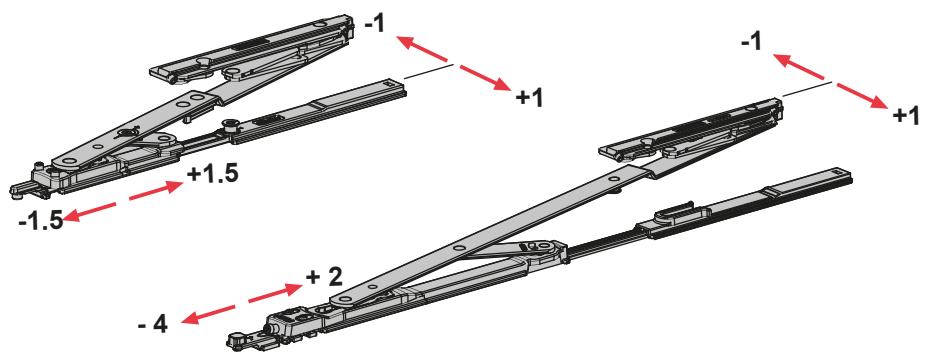
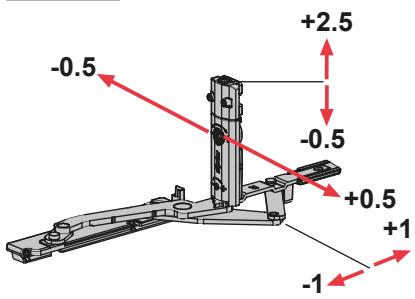
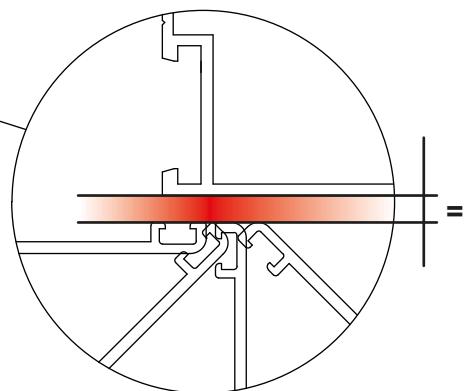
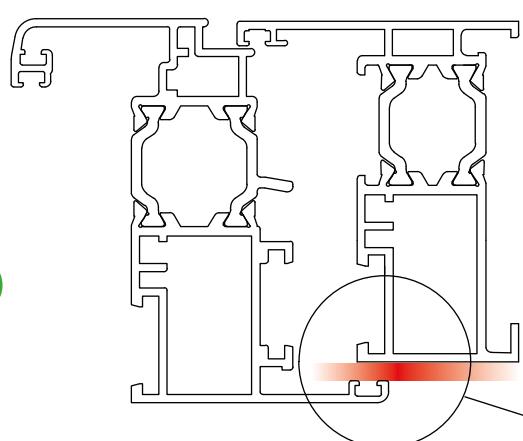
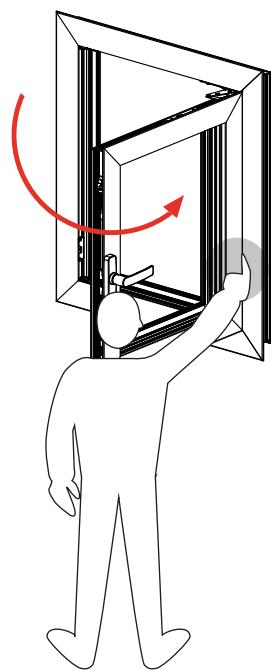
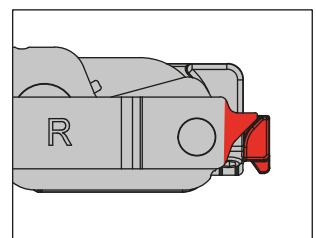
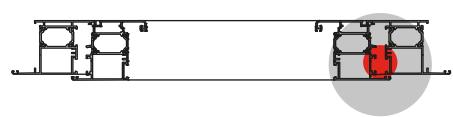
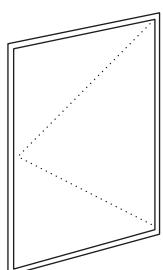
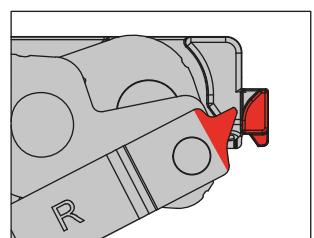
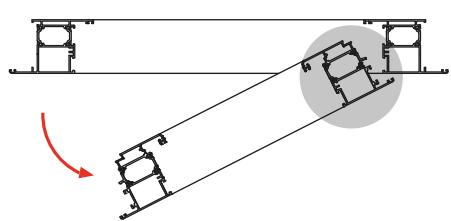
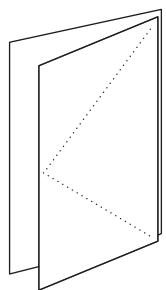
FAPIM SOLUTION

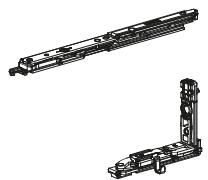
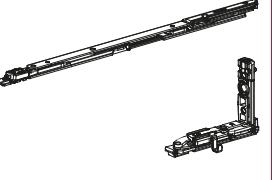
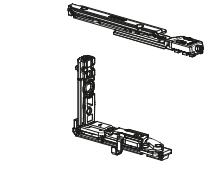
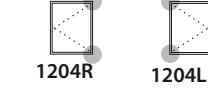


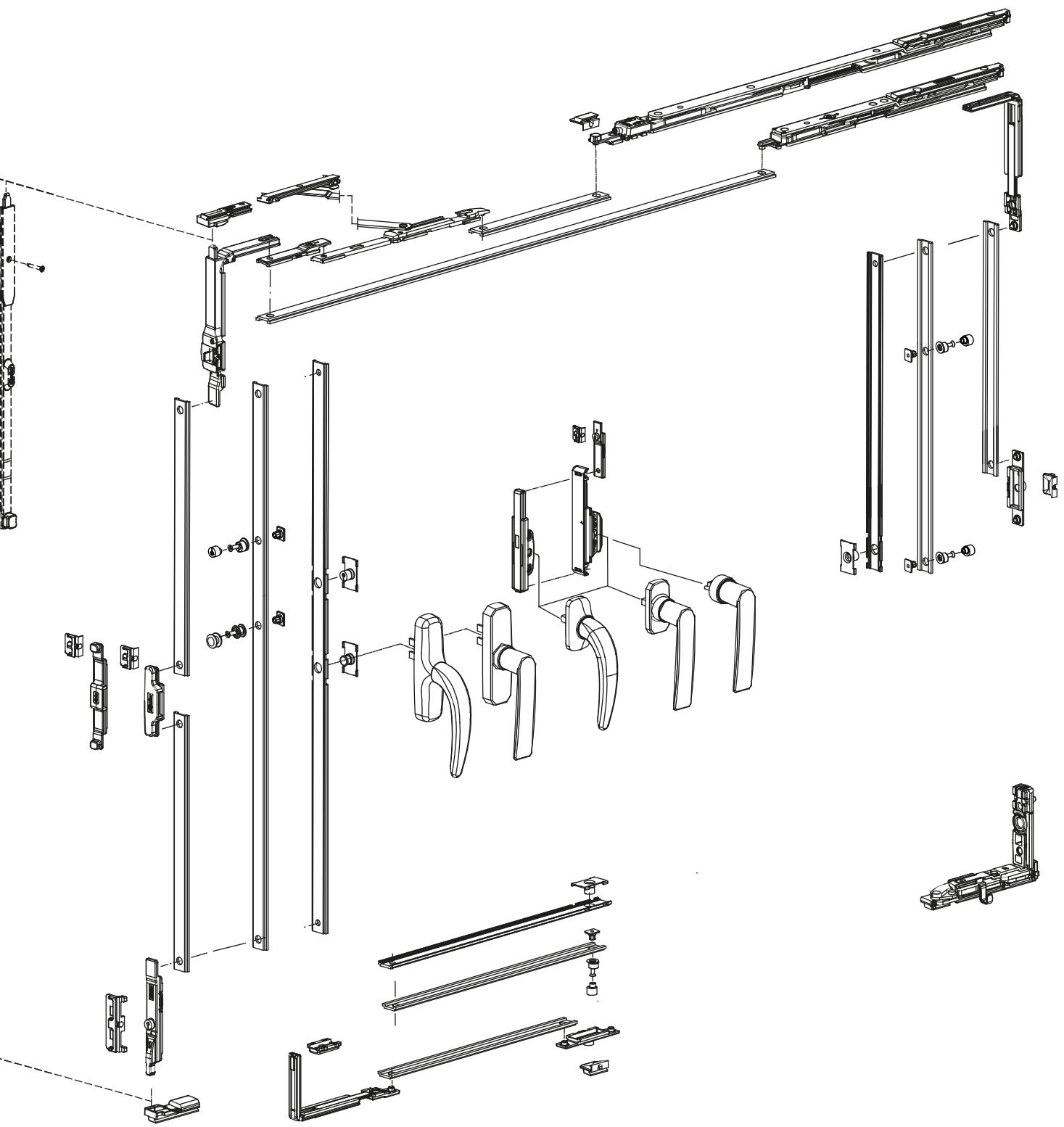
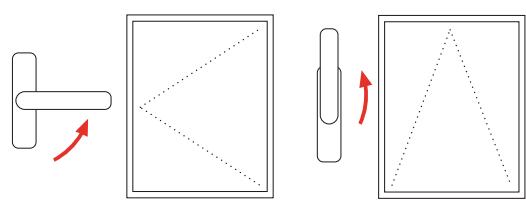
OTHER SOLUTIONS







					Kg	
	1200R					 C.E.
 1200R	1200L				422 ÷ 800	10
	1201R					 C.E.
 1201R	1201L				700 ÷ 1700 10x14.5 12x15 13.6x16.8 14x18	180 10
	1204R					 C.E.
 1204R	1204L					10





Fapim S.p.A.

Via delle Cerbaie, 114
55011 Altopascio (LU) Italy
T +39 0583 2601 F+39 0583 25291
www.fapim.it info@fapim.it
Cod.Fisc. e Part.I.V.A. 02224030466

DOMATIC®

DOMATIC
info@domatic.it www.domatic.it



BENELUX

Fapim Benelux s.pr.l.b.v.b.a.
Avenue Rue St. Roch, 17
7712 Herseaux Belgium
T +32 56 340548
F +32 56 341960
info@fapimbenelux.be



HISPANIA

Fapim Hispania s.L.
C/edison, esq. A. Ingeniero
Goiocoechea 45600
Parcela, 74
Talavera De la Reina (Espana)
T +34 925 828357
F +34 925 841148
administracion@fapimhispania.com
pedidos@fapimhispania.com



POLSKA

Fapim Polska sp. z o.o.
ul.Przyrzecze 4 03-107
Warszawa NIP: 536-16-29-437
T +48 227813797
F +48 227811022
Gsm 609022972



RUSSIA

Fapim RU LLC
Kaluzhskaya Region
Province Borovskiy, 99km.
main way "Ukraina", building 4A
T +7 48439 97207
info@fapimru.ru



ARGENTINA

Fapim Argentina S.A.
Buschiazzo N° 347
(1611) Don Torcuato
Partido de Tigre
Buenos Aires - Argentina
T +54 (11) 48463545

fapim®

made in ITALY



SKG



SKG



0333
EN 1935:02



LORR[®] +

fapim

G B F D N L R S

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fapim

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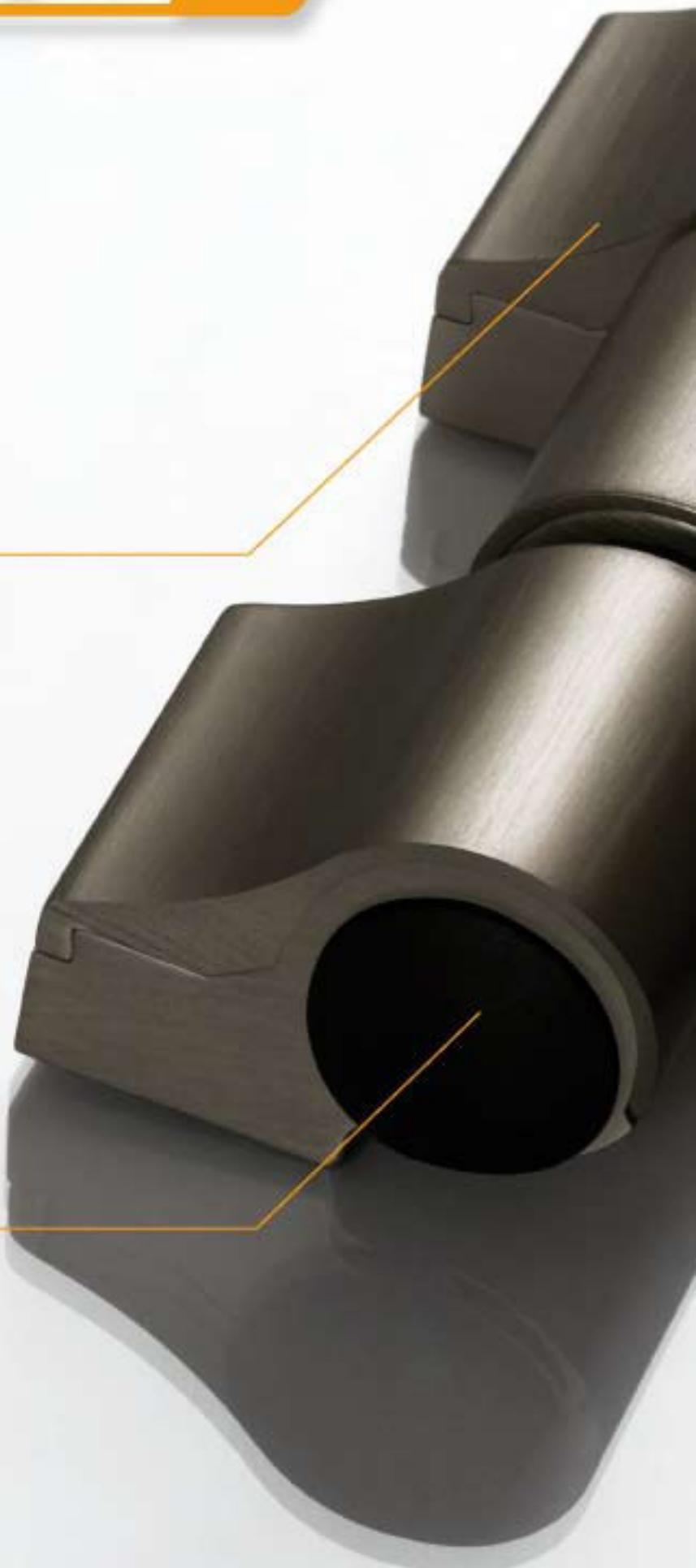
nicer, its smooth and straight lined shape suits modern design requirements

belle, grâce à ses lignes souples et particulières en grade de satisfaire les demandes du design moderne.

schön, dank der fließenden Linien, erfüllt die Anforderungen des modernen Design.

tooi, dank der vloeiende lijnen beantwoordt deze aan de eisen gesteld door de moderne design.

кроме всего прочего - прекрасна, благодаря мягким и обтекаемым линиям, способна удовлетворить самым высокательным требованиям к дизайну



easier easy assembly and quick micrometric adjustment in the three directions, to be carried out when the door is in the **closed position**

facile le montage et rapide le réglage micro-métrique en trois directions, à effectuer à porte fermée

einfache Installation und schnelle Abstel-lung in den drei Richtungen, aus zu führen mit geschlossener Tür.

een eenvoudige montage en vlugge afstelling in de drie richtingen, uit te voeren met gesloten deur

кроме всего прочего - легкий монтаж и быстрая микрометрическая регулировка по 3 направлениям, которые выполняются при закрытой двери.



complete, thanks to the many fastening kits available that make it suitable to all needs

complète, grâce aux plusieurs kit de fixation, apte à tous besoins.

komplett, dank verschiedenen Einbau-Kitts für alle Situationen

volledig, dank zij verschillende bevestiging-skits, aangepast aan alle situaties.

кроме всего прочего – большая гамма по комплектности, благодаря наличию многочисленных крепежных комплектов, для любого случая



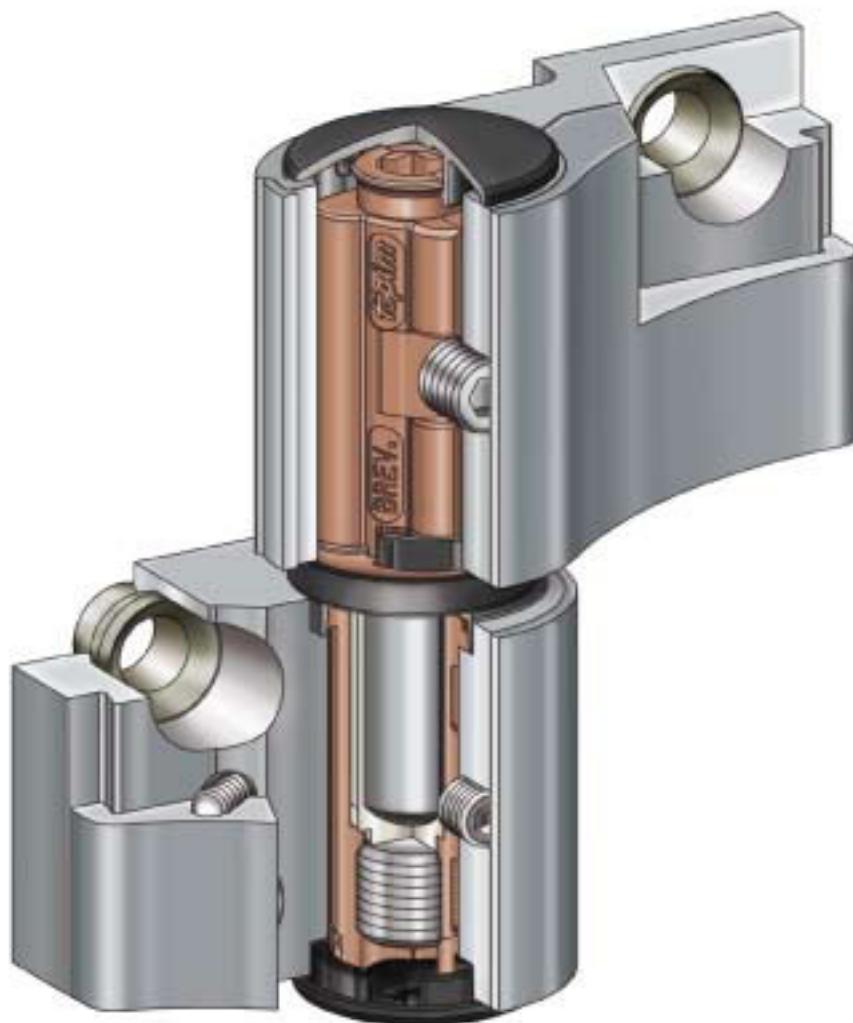
safe and extremely strong, it is CE , EN 1935:02 and SKG anti-theft ENV 1627 certified

sûr et très robuste, certifiée CE EN 1935:02 et antifraction SKG ENV 1627

sicher und sehr robust, CE EN 1935:02-zertifiziert und Einbruchhemmend SKG ENV 1627-zertifiziert

zeker en zeer stevig, CE EN 1935:02 en inbraakwerend SKG ENV 1627 gecertificeerd

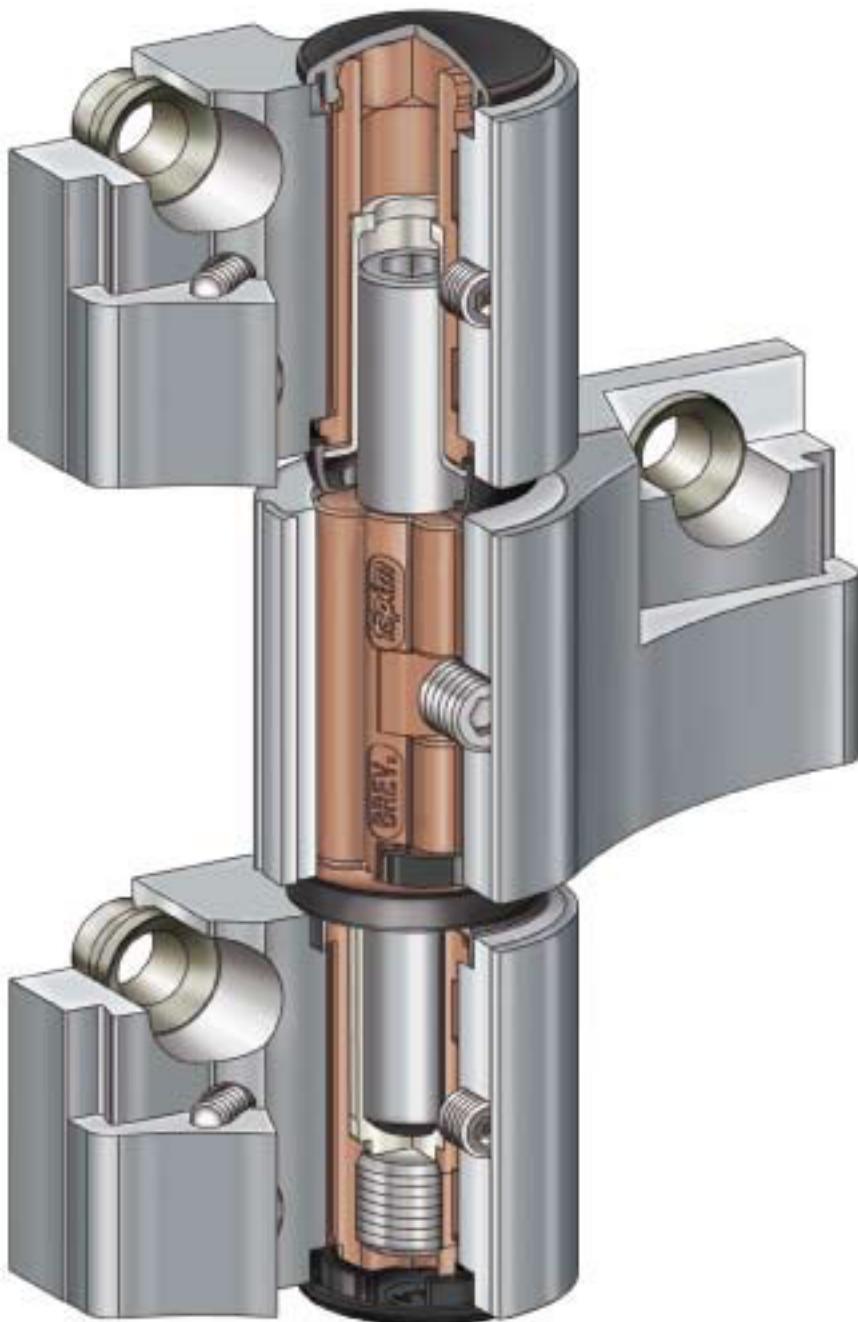
кроме всего прочего – противовзломная, крайне прочная, имеет EN 1935:02 сертификат SKG ENV 1627 Европейского союза



Loira+ is the two and three-leaf door hinge range totally renewed in design, with advanced know-how and patented, combining the advantages of the old versions with an increased ease of use, especially with regard to assembly and adjusting. Loira+ has three adjustment possibilities: horizontal, vertical and in pressure of the gasket; each adjustment is independent from the others and can be carried out when the door is in the closed position and by an operator only. The new hinge range is totally compatible with all the accessories already available for the previous Loira and Loira Top versions. The new fastening kit with special self-threaded screws has been added to increase the range; it can be used on thermal break profiles. Loira+, manufactured from extruded aluminium profiles, is available in a number of finishings and it is CE, EN 1935:02 and SKG anti-theft ENV 1627 certified.

Loira+ est la nouvelle gamme de paumeilles de porte, à deux et trois lames, totalement renouvelée dans le design, ayant un know-how particulier et recouverte par des brevets ; elle met ensemble les avantages des versions du passé à une plus facile utilisation et surtout au niveau du montage et d réglage. Loira+ est équipée de trois réglages : en horizontal, en vertical et en pression du joint, chaque un indépendant par rapport aux autres et à effectuer toujours à porte fermée et par un seul opérateur. La nouvelle gamme de paumeilles est totalement compatible avec tous les accessoires déjà réalisés dans les précédentes gammes Loira et Loira Top. Pour développer la gamme un nouveau kit de fixation a été rendu disponible, il porte des vis-taraud spéciales et utilisables sur le profil à coupe thermique. Loira + est réalisée par des profils en aluminium extrudé, disponible en chaque type de finition et certifiée CE EN 1935:02 et antieffraction SKG ENV 1627.

Loira+ ist die neue Serie von Türscharnieren, zwei- und dreiteilig, mit komplett neuen Design, mit einem besonderen Know-how und durch Patente geschützt; es verbessert die Vorteile der Versionen aus der Vergangenheit bis eine einfache Verarbeitung, vor allem im Hinblick auf die Montage und die Verstellung. Loira+ hat mit drei Verstellungen: Horizontalverstellung, Höhenverstellung und Verstellung der Dichtungsdruck, unabhängig von jeder anderen und immer mit geschlossenen Tür und nur durch einen Techniker aus zu führen. Die neue Serie von Bändern ist voll kompatibel mit allen Zubehör der vorherigen Serien Loira und Loira Top. Für die Serie weiter zu entwickeln wird eines neuen Montage-Kitt verfügbar gestellt mit spezielle Ankerschrauben zu verwenden mit Profile mit thermischen Unterbrechung. Loira+ wird produziert aus stranggepressten Aluminiumprofilen, verfügbar in jeder Oberfläche Ausführung und CE EN 1935:02 -zertifiziert und Einbruchhemmend SKG ENV 1627 -zertifiziert.



Loira+ is de nieuwe reeks deurscharnieren, twee- en driedelig, met volledig vernieuwde design, met een bijzondere knowhow en afgeschermd door brevetten ; ze verbetert de voordelen van de versies uit het verleden tot een eenvoudigere verwerking, voornamelijk op het vlak van de montage en de afstelling. Loira+ is voorzien van drie afstellingen: horizontaal, verticaal en in de diepte, ieder onafhankelijk van de andere en steeds uit te voeren met gesloten deur en **door slechts één monteur**. De nieuwe reeks scharnieren is volledig compatibel met alle toebehoren van de vroegere reeksen Loira en Loira Top. Om de reeks verder te ontwikkelen wordt een nieuwe bevestigingskit ter beschikking gesteld met speciale ankerschroeven te gebruiken op profielen met thermische onderbrekking. Loira+ wordt geproduceerd op basis van extrusie aluminium profielen, beschikbaar in ieder type afwerking en gecertificeerd CE EN 1935:02 en inbraakwerend SKG ENV 1627.

Loira+ – это Плюс новая гамма дверных петель: двух и трех секционные, абсолютно обновленный дизайн, современные и запатентованные ноу-хау, сочетающие все превосходства предыдущих версий в простоте использования, главным образом в монтаже и регулировках. Loira+ – это Плюс 3 регулировки: горизонтальная, вертикальная и на прижим, каждая из которых независима друг от друга, а также конструкция петли всегда обеспечивает выполнение **регулировок при закрытой двери одним монтажником**. Новая линейка петель абсолютно совместима со всеми аксессуарами, реализованными к предыдущим версиям Loira и Loira Top. Расширение существующей гаммы крепежа, новым, дополнительным крепежным набором со специальными самонарезающими винтами (анкерными). Этот набор можно использовать и для дверей, изготовленных из профилей с термоставками. Loira+ – Плюс изготовлена из экструдированного профиля, возможна любая окраска с сертификатом СЕ и EN 1935:02 имеется сертификат SKG ENV 1627.



Tested up to 160 Kg - 1.000.000 cycles
 Testée jusqu'à 160 Kg - 1.000.000 cycles
 Getestet für 160 kg - 1.000.000 Zyklen
 Getest 160 Kg - 1.000.000 cyclussen
 Протестирована на 160 кг - 1.000.000 циклов

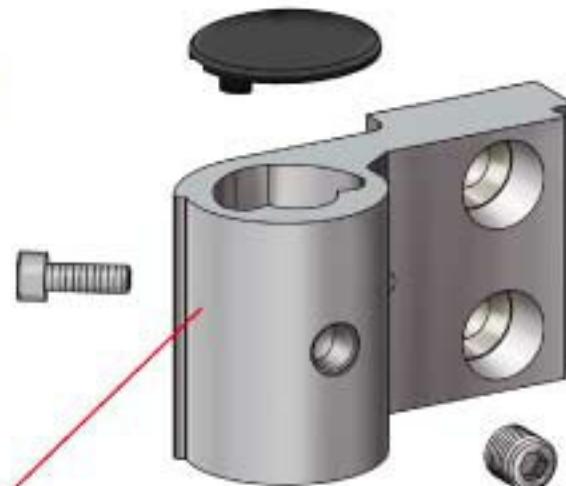
Body in extruded aluminium.

Corps de aluminium extrudé

Bandteil in strangpress Aluminium

Lichaam in extrusie aluminium

Корпус из экструдированного алюминия.



Bush in zamak, pre-assembled on rectified stainless steel pin.

Douille de zamak, pré-montée sur l'axe en acier inox rectifiée

Zamak Buchse, vormontiert auf der rektifiziertem Edelstahlbolze mit

Zamak bus, voorgemonteerd op de gerechteerde roestvrij stalen as met diameter

Втулка из металлического сплава, в нее уже установлена высокоточная ось из нержавеющей стали.



Anti-theft system.

Système antieffraction

Einbruchhemmend system

Inbraakwerend systeem

Противовзломные функции.



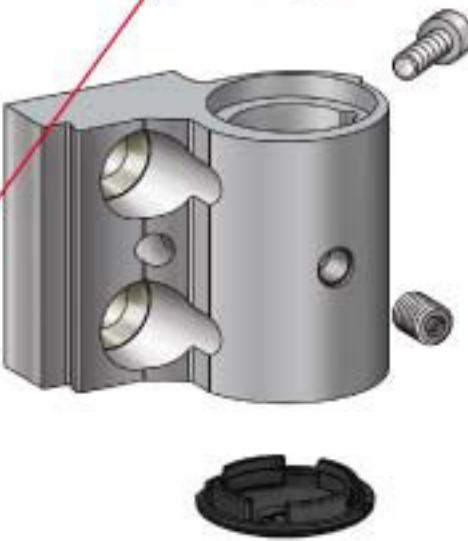
Bush in zamak, with Delrin anti-friction device.

Douille de zamak avec insert en Delrin antieffraction.

Zamak-Buchse mit Reibungshemmende Komponenten in Delrin

Zamak bus met wrijvingloze componenten in Delrin.

Втулка из металлического сплава со вставкой из Delrin, имеющая антифрикционные свойства.

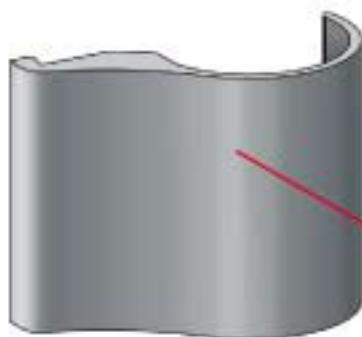
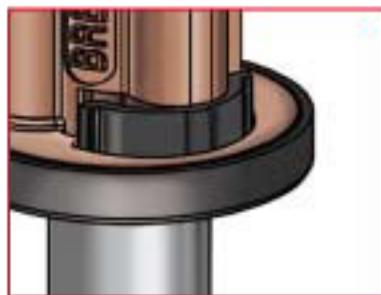
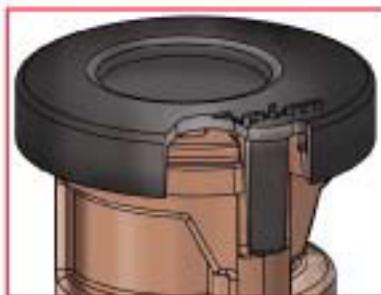




Micrometric adjustment in the three directions, when the door is in the closed position.
 Réglage micrométrique à porte fermée dans les trois directions.
 Mikrometrischen Verstellung in drei Richtungen mit geschlossenen Tür.
 Micrometrische afstelling in de drie richtingen met gesloten deur.
 Микрометрическая регулировки по трем направлениям.

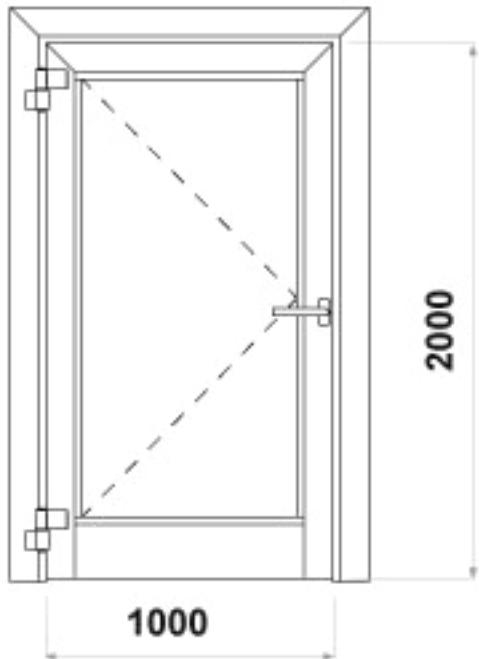


Pre-positioning device in nylon.
 Dispositif de nylon de pré-positionnement.
 Positionierung durch Nylon Gerät
 Voorpositionering door middel van nylon inrichting
 Установлено пластиковое кольцо, определяющее нулевое положение регулировок.



Snap-in screw cover plates in extruded aluminium.
 Plaques couvre vis à déclenchement en aluminium extrudé
 Klick Abdeckstück in strangpress Aluminium
 Klik schroefafdekplaten in extrusie aluminium
 Защелкивающиеся наружные крышки выполнены из экструдированного алюминия.

CE 0333
EN 1935:02



If the door size is either bigger or smaller than the requirement set forth by the standard, or if the door is intended for use in combination with doorstop mechanisms, please contact us for any possible increase or decrease of the maximum allowed capacity.

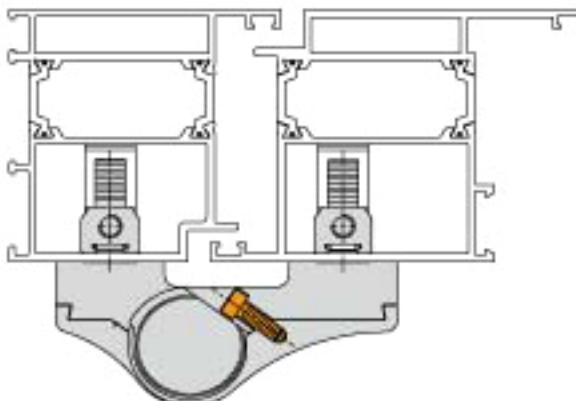
Pour des portes de dimensions plus grandes ou plus petites par rapport à celles prévues par la norme, ou bien en cas d'utilisation de mécanismes ferme-porte, merci de nous contacter pour avoir des indications sur l'éventuelle augmentation ou diminution de la portée maximum admise.

Bei Türen die größer oder kleiner sind als von den Richtlinien vorgesehen, oder auch für die Verwendung zusammen mit Türschließmechanismen ist es notwendig, sich nach der maximal erlaubten Erweiterung oder Verringerung der Tragfähigkeit zu erkundigen.

In het geval van deuren die groter of kleiner zijn dan de voorgeschreven afmetingen, of wanneer deze gebruikt worden in combinatie met sluitarm mechanismen, is het noodzakelijk zich te raadplegen over toe- of afname van de maximaal toelaatbare belasting.

Всички размери на двери трябва да съответстват на размерите възпроизвеждани във възможността или в случаите в които двери се инсталират с доводчици трябва да се консултира с рекомендации по товарама у наших специалистах.

 60 ≤ l ≤ 99 l=106	CE 0333 AFNOR <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>4</td><td>7</td><td>7</td><td>0</td><td>1</td><td>4</td><td>1</td><td>14</td></tr> <tr><td>4</td><td>7</td><td>8</td><td>0</td><td>1</td><td>4</td><td>1</td><td>13</td></tr> </table>	4	7	7	0	1	4	1	14	4	7	8	0	1	4	1	13
4	7	7	0	1	4	1	14										
4	7	8	0	1	4	1	13										
160 Kg	120 Kg																



The rotating and adjusting components of the Loira+ hinges, have been designed to ensure maximum safety even on outward opening applications, and have obtained the SKG anti-theft certification ENV 1627.

Les composants de rotation et de réglage de la paumelle Loira+, ont été étudiés pour obtenir une très haute sécurité, aussi en cas de applications sur ouvertures vers l'extérieur et ils ont permis de obtenir la certification antieffraction ENV 1627 SKG.

Die Komponenten für die Rotation und Verstellung der Loira+ Band wurden entwickelt für den Erhalt der sehr hohen Sicherheit, auch im Falle von Anwendungen von Außen öffnende Türen, und sie haben die Möglichkeit gegeben die Zertifizierung SKG ENV 1627 zu erhalten.

De componenten voor de rotatie en afstelling van de Loira+ scharnier werden bestudeerd voor het bekomen van zeer hoge veiligheid, tevens in het geval van toepassingen met buitenopendraaiende deuren, en ze hebben de mogelijkheid gegeven de SKG ENV 1627 certificering te bekomen.

Все компоненты петли Loira+ как для вращения, так и для регулировок были спроектированы с получением максимальной безопасности, также на использование петель при открывании наружу был получен сертификат противовзломности SKG ENV 1627.



Loirat+ two-leaf hinge, preset for the assembly of fixing counterplates.

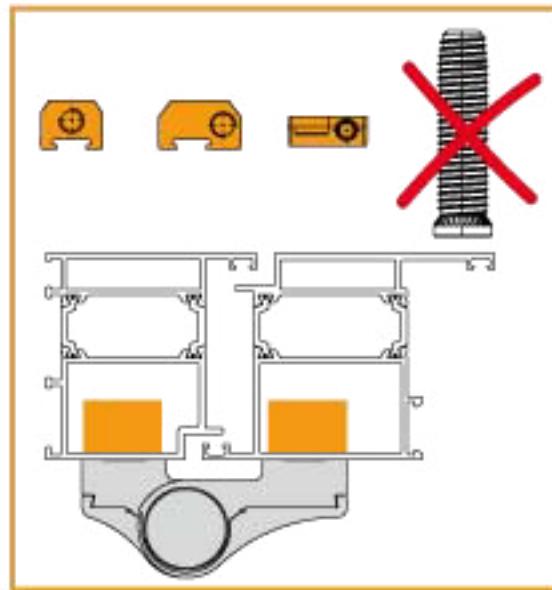
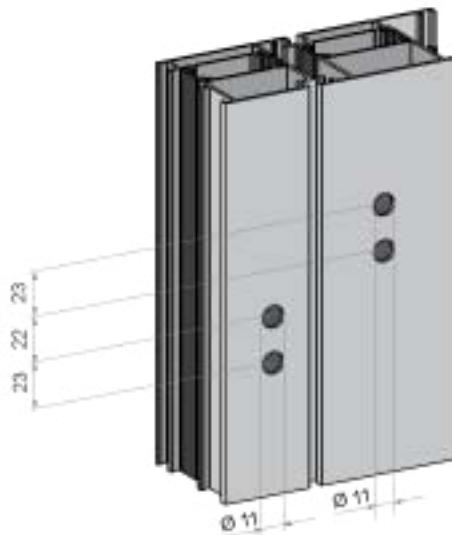
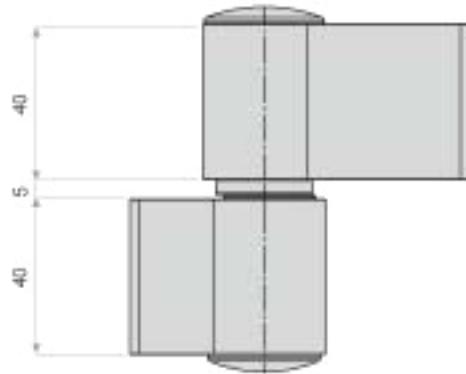
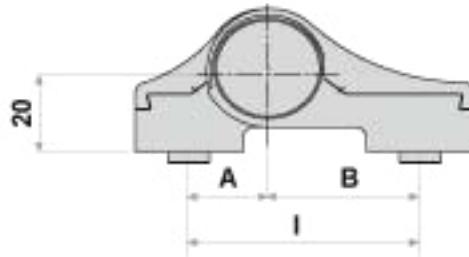
Paumelle Loirat+ à 2 lames, arrangée pour les contreplaques de fixation.

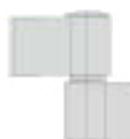
Loirat+ Zweiteilige Band, geeignet für den Einbau mit Befestigungsplatte.

Tweedelige Loirat+ scharnier, geschikt voor montage met tegenplaten.

Двухсекционная петля Loirat+ – Плюс может комплектоваться крепежными пластинами.

Art.	I (mm)	A (mm)	B (mm)
7000	60	20,5	39,5
7000i	60	20,5	39,5
7010	67	20,5	46,5
7010i	67	20,5	46,5
7020	79	39,5	39,5
7030	80	20,5	59,5
7040	86	39,5	46,5
7040i	86	39,5	46,5
7050	93	46,5	46,5
7050i	93	46,5	46,5
7060	99	39,5	59,5
7070	106	46,5	59,5





Loira+ three-leaf hinge, preset for the assembly of fixing counterplates.

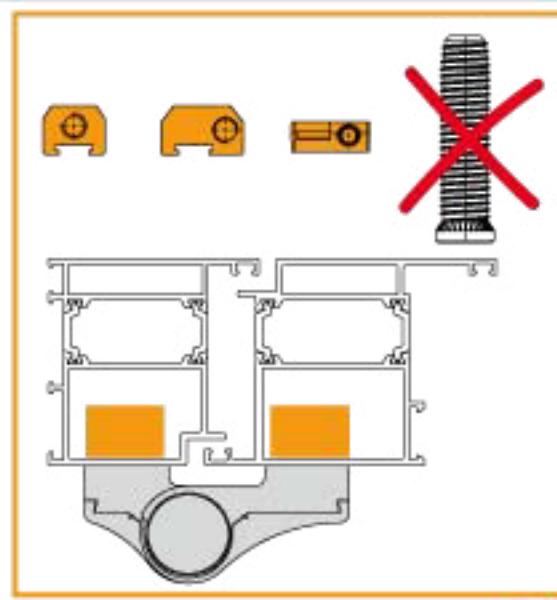
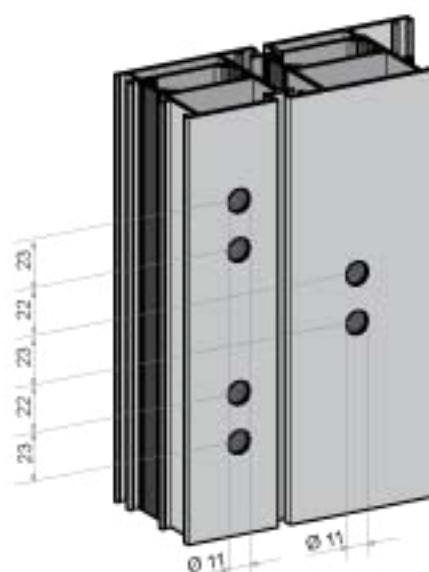
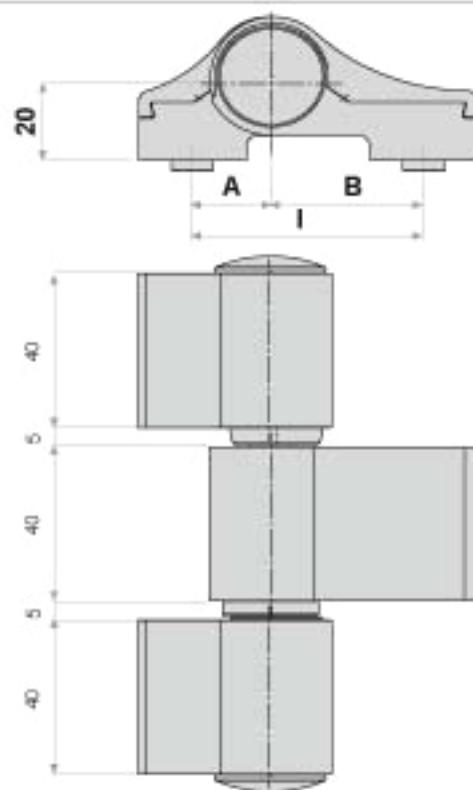
Paumelle Loira+ à 3 lames, arrangée pour les contreplaques de fixation

Loira+ Dreiteilige Band, geeignet für den Einbau mit Befestigungsplatte.

Driedelige Loira+ scharnier, voorbestemd voor montage met tegenplaten

Трехсекционная петля Loira+ – Плюс может комплектоваться крепежными пластинами.

Art.	I(mm)	A(mm)	B(mm)
7003	60	20,5	39,5
7013	67	20,5	46,5
7013i	67	20,5	46,5
7023	79	39,5	39,5
7033	80	20,5	59,5
7043	88	39,5	46,5
7053	93	46,5	46,5
7063	99	39,5	59,5
7073	106	46,5	59,5





Loira+ two-leaf hinge, preset for special self-threading fastening screws, for thermal break profiles.

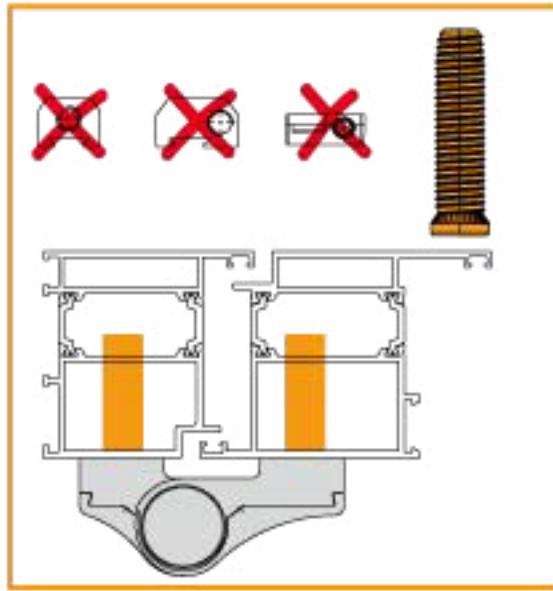
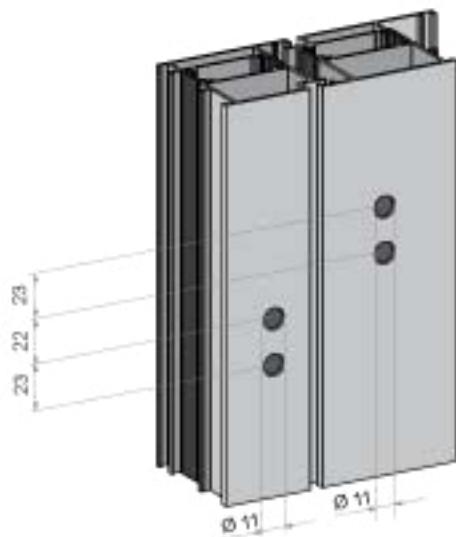
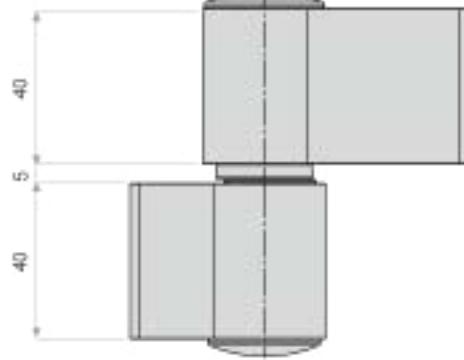
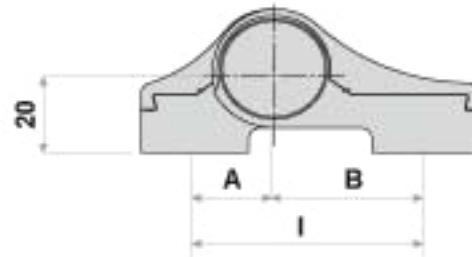
Paumelle Loira+ à 2 lames, arrangée pour les vis autotaraudeuses spéciales de fixation, pour profils à coupe thermique

Loira+ Zweiteilige Band, geeignet für den Einbau mit speziellen Ankerschrauben für Thermisch getrennte Profile

Tweedelige Loira+ scharnier, voorbestemd voor montage met speciale ankerschroeven voor thermisch onderbroken profielen

Двухсекционная петля Loira+ – Плюс может комплектоваться специальными самонарезающими винтами (анкерными). Этот набор можно использовать и для дверей, изготовленных из профилей с термоизоляцией.

Art.	I (mm)	A (mm)	B (mm)
7000V	60	20,5	39,5
7000VI	60	20,5	39,5
7010V	67	20,5	46,5
7010VI	67	20,5	46,5
7020V	79	39,5	39,5
7030V	80	20,5	59,5
7040V	86	39,5	46,5
7040VI	86	39,5	46,5
7050V	93	46,5	46,5
7050VI	93	46,5	46,5
7060V	99	39,5	59,5
7070V	106	46,5	59,5





Loira+ three-leaf hinge, preset for special self-threading fastening screws, for thermal break profiles.

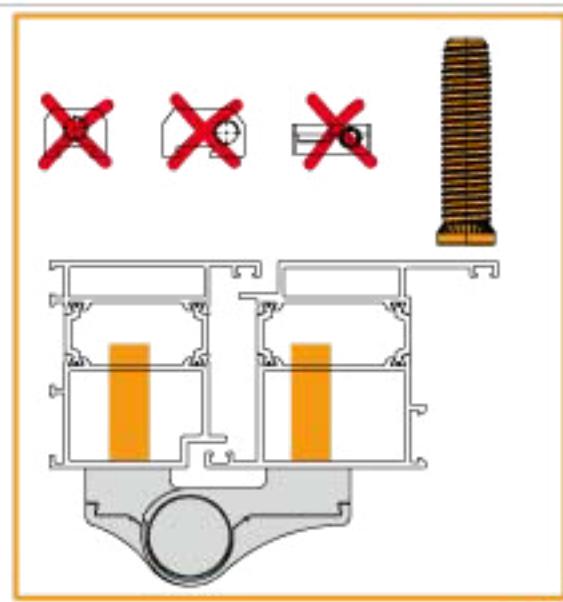
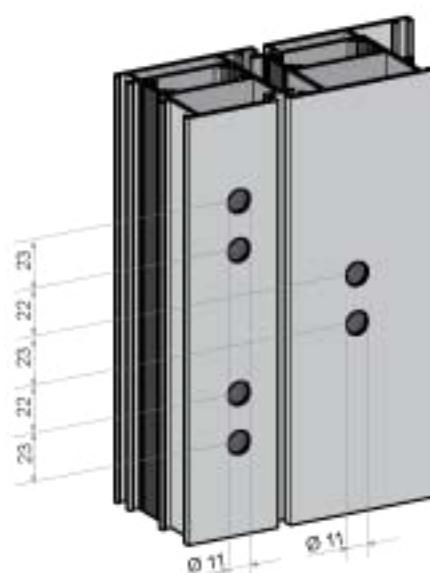
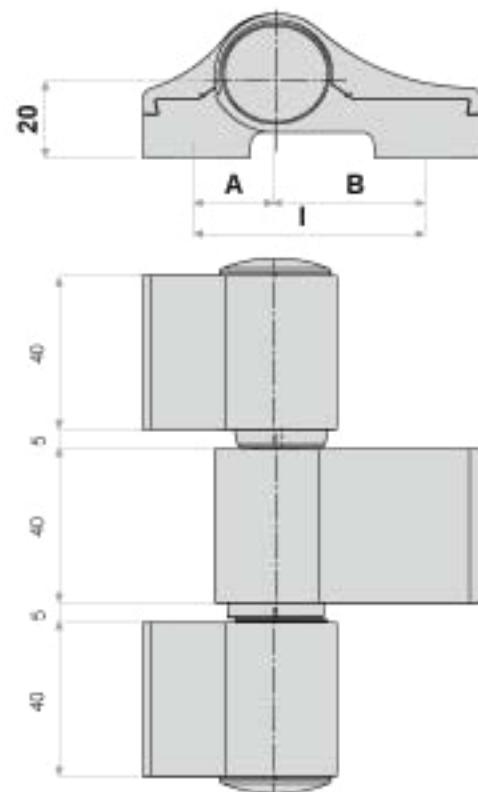
Paumelle Loira+ à 3 lames, arrangée pour les vis autotaradeux spéciales de fixation, pour profils à coupe thermique

Loira+ Dreiteilige Band, geeignet für den Einbau mit speziellen Ankerschrauben für Thermisch getrennte Profile

Driedelige Loira+ schamier, voorbestemd voor montage met speciale ankerschroeven voor thermisch onderbroken profielen

Трехсекционная петля Loira+ – Плюс может комплектоваться специальными самонарезающими винтами (анкерными). Этот набор можно использовать и для дверей, изготовленных из профилей с термовставками.

Art.	I(mm)	A(mm)	B(mm)
7003V	60	20,5	39,5
7013V	67	20,5	46,5
7013VI	67	20,5	46,5
7023V	79	39,5	39,5
7033V	80	20,5	59,5
7043V	86	39,5	46,5
7053V	93	46,5	46,5
7063V	99	39,5	59,5
7073V	106	46,5	59,5





Small type two-leaf Loira+ hinge with fixing counterplates in extruded aluminium, especially designed for application on narrow frame doors.

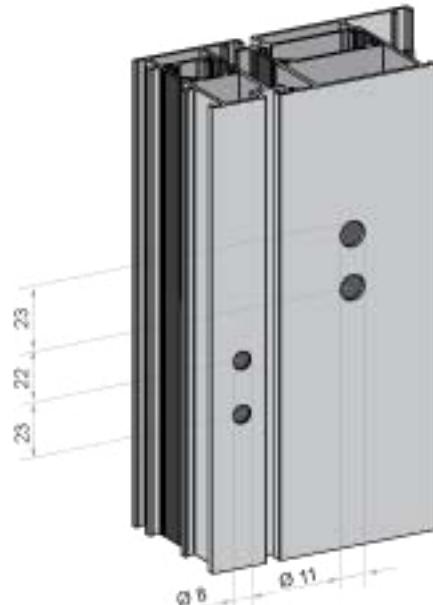
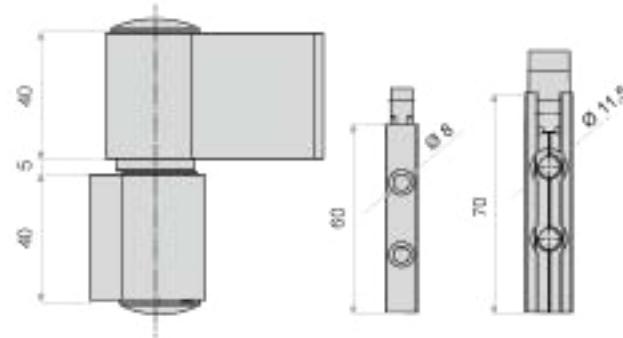
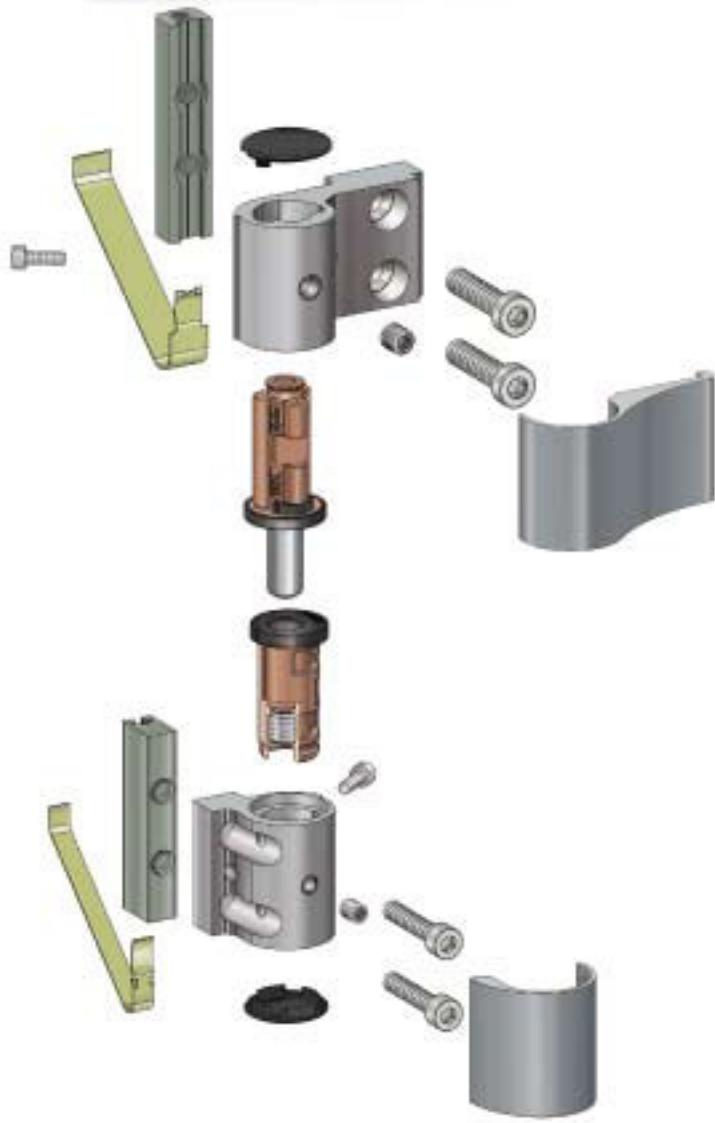
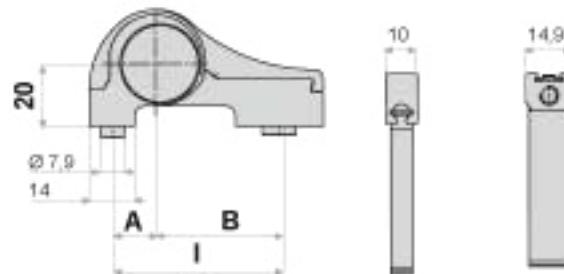
Paumelle Loira+ male réduit à 2 lames complète de contreplaques de fixation in alluminio estruso, étudiée pour l'application sur portes et fenêtres ayant dormant étroit.

Loira+ Zweiteilige Band mit schmalen Rahmenbandteil für die Verwendung an Türen mit schmalen Rahmen Profil, geeignet für den Einbau mit Befestigungsplatte in strangpress Aluminium.

Tweedelige Loira+ scharnier met smal kaderdeel compleet met tegenplaten in extrusie aluminium, voor toepassing op deuren met smal kaderprofiel.

Двухсекционная петля Loira+ Maschio Ridotto (Лойра плюс с уменьшенной рамной секцией) – Плюс комплектуется крепежными пластинами из экструдированного профиля, разработана специально для случая, когда узкий профиль рамы.

Art.	I(mm)	A(mm)	B(mm)
7100	53	13,5	39,5
7100i	53	13,5	39,5
7110	60	13,5	46,5





Small type three-leaf Loira+ hinge with fixing counterplates in extruded aluminium, especially designed for application on narrow frame doors.

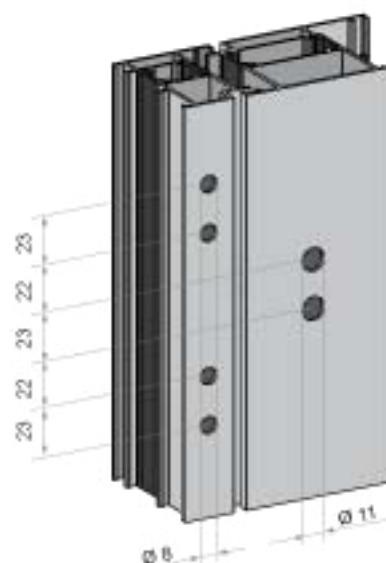
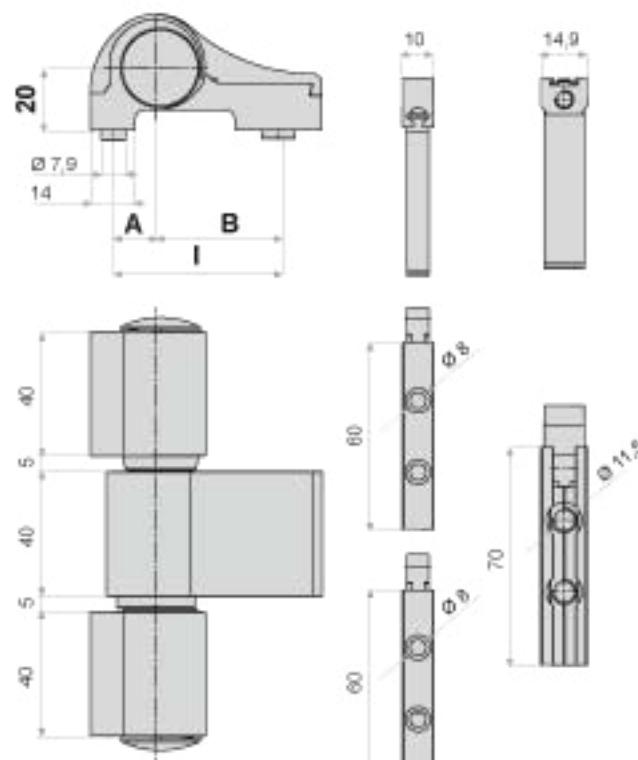
Paumelle Loira+ male réduit à 3 lames complète de contreplaques de fixation en alluminium extruso, étudiée pour l'application sur portes et fenêtres ayant dormant étroit.

Loira+ Dreiteilige Band mit schmalen Rahmenbandteil für die Verwendung an Türen mit schmalen Rahmen Profil, geeignet für den Einbau mit Befestigungsplatte in strangpress Aluminium.

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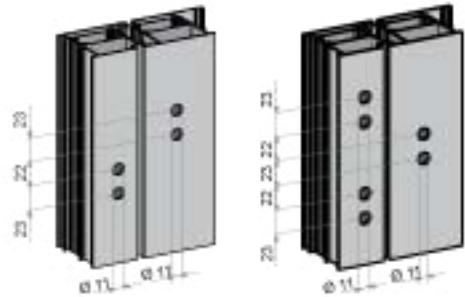
Art.	I (mm)	A (mm)	B (mm)
7103	53	13,5	39,5





Art.

6885
6885B
6886
6886B



Art.	Ø
6825	11
6825C	15

L = 53-60-67-79-86-93



Art.	L
6830A	53
6831	60
6832	67
6832E	73
6833	79
6834	80
6835	86
6836	93
6837	99
6838	106

The TF11 milling machine, available with either manual or pneumatic vice, allows fast and correct execution of the machining required for the assembly of two and three-leaf hinges, on either cold or thermal break profiles. It is equipped with a base, a surface with sliding rollers, stops and other required tools and spare parts.

A wide range of fixed templates is also available in either all purpose version or for different center distances, to carry out the machining on the profile.

La perceuse TF11, disponible avec étau manuel ou pneumatique, permet d'exécuter rapidement et sans erreurs les usinages nécessaires pour le montage des paumeilles, soit à 2 lames qu'à 3 lames, sur profils froids ou à coupe thermique. Elle est équipée d'une base, en plan d'appui avec rouleaux de glissement, par des butées et de tous les outils et rechanges nécessaires.

Il est disponible aussi une grande gamme de gabarits fixes, universelles ou spécifiques pour chaque entraxe à positionner sur les profils pour exécuter les usinages.

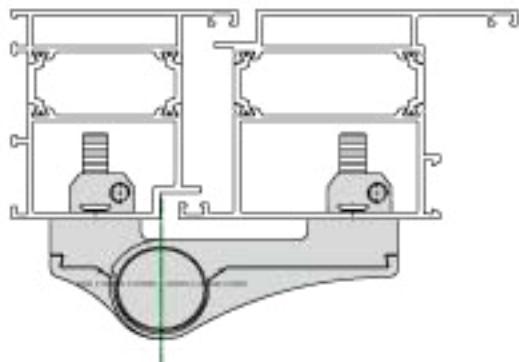
Die TF11 Bohrmaschine, verfügbar wahlweise mit manuellen oder pneumatischen Spannvorrichtung, ermöglicht sowohl für Zwei- wie Dreiteilige Bänder, schnell und fehlerfrei die durchzuführenden Operationen zu führen auf Kalte oder Thermisch getrennte Profile. Die Maschine ist vorsehen einer Basis, einer Leglfach mit Rollen und Anschlägen, und alle notwendige Werkzeuge und Ersatzteile. Es gibt auch eine breite Palette von Bohrliehre für die Durchführung der Operationen auf die Profile und das für alle Achsabstände.

De boormachine TF11, beschikbaar met manuele of pneumatische klemmrichting, geeft de mogelijkheid om, zowel voor de twee- als driedelige scharnieren, snel en foutloos de nodige bewerkingen uit te voeren op koude of thermisch onderbroken profielen. Ze is voorzien van een basis, een legvlak met rollen en aanslagen en alle nodige gereedschappen en vervangingsstukken. Ook is er een groot gamma boormallen voorzien voor het uitvoeren van de bewerkingen op de profielen en dat voor alle bevestigingsafstanden.

Сверлильный станок TF11 существует в версиях ручного или пневматического зажимов, что позволяет выполнять быстро и без ошибок работы необходимые для установки петли, как двух так и трехсекционной, как на «холодном», так и на «теплом» профилях. Базовая комплектация, роликант, ограничитель и все его инструменты и необходимые запчасти. Существует также широкая гамма кондукторов: конкретно для определенного типа петли, универсальные, конкретно для определенного расстояния, устанавливаемые сверху профиля для выполнения операции сверления.



Recommendations for use - Conseils d'emploi Empfehlungen zur Anwendung - Gebruiksadvies - Рекомендации применения



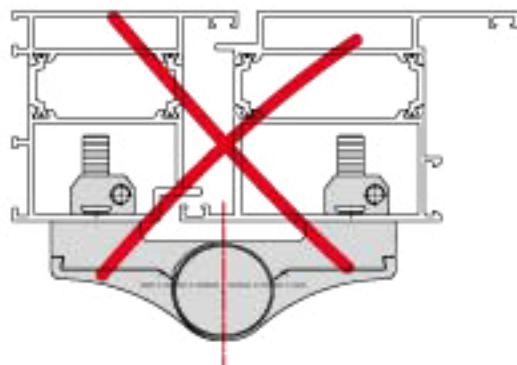
Please choose the Loira+ item which allows the rotating pin to be placed as shown in the picture.

Choisir l'article Loira+ qui permet de positionner l'axe de rotation comme montré dans la figure.

Den Artikel Loira+ einsetzen, welcher die Anbringung der Rotationsachse am besten der Abbildung entsprechend ermöglicht.

Het artikel Loira+ toepassen, welke het beste toestaat de draaiaas in de positie te brengen zoals in de afbeelding wordt aangegeven.

Использовать артикулы которые позволяют установку петель в ось вращения или чем ближе её так как указано на иллюстрации.



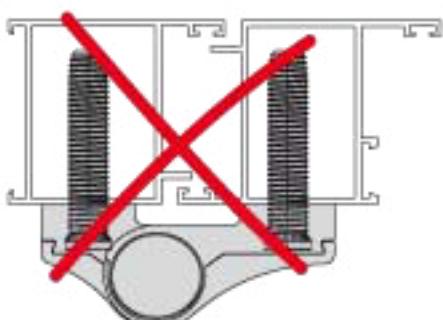
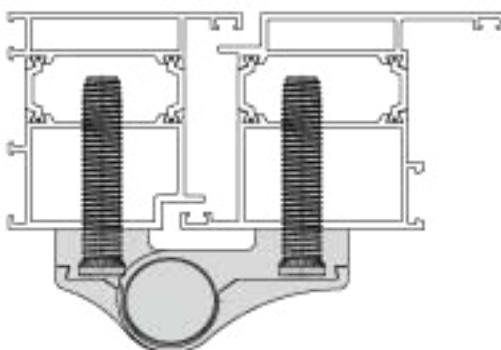
The special self-threading screws can be exclusively used on profiles having tightening catching on at least two profile walls.

Les vis spéciales auto-taraudeuse ne peuvent être utilisées que sur les profils qui serrent sur au moins deux parois.

Die Anwendung der speziellen Befestigungsblechschauben kann nur bei Profilen wo die Schrauben mindestens zwei Wände durchbohren.

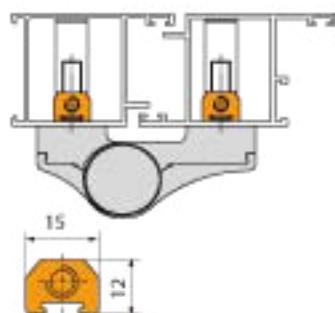
Het gebruik van de speciale zelftappende schroeven is alleen toegestaan op profielen waar de schroeven minstens 2 wanden doorboren.

Применение специальных самонарезающих винтов (анкерных) возможно только для дверей, изготовленных из профилей с термовставками.

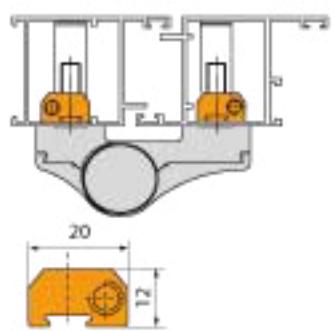




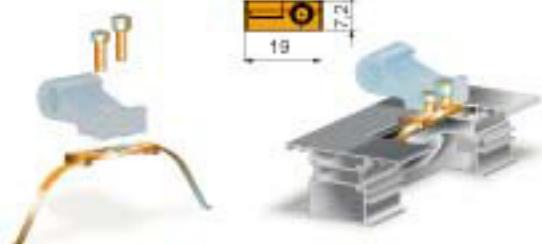
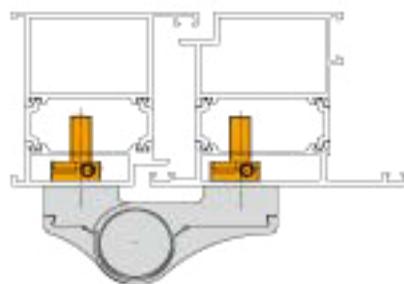
Art.			
6623	P		
6625	P		
6665AM	P		
6665AMI	P		
6665CM	P		



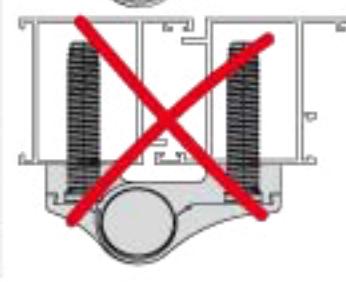
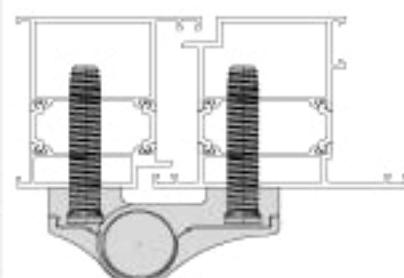
Art.			
6624	P		
6626	P		
6665BM	P		
6665BMI	P		
6665DM	P		



Art.			
6620	P		
6620I	P		
6621	P		
6621I	P		

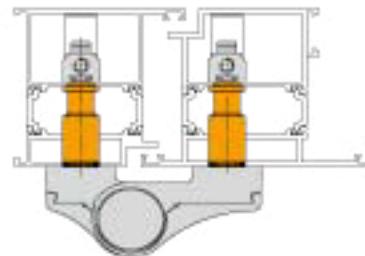
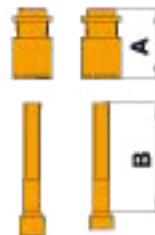


Art.	A		
6603A	50	P	
6603B	50	P	
6603I	50		
6603XI	50		Inox
6604A	50	P	
6604B	50	P	
6604I	60		
6604XI	60		Inox
6605A	76	P	
6605B	76	P	
6605I	76		

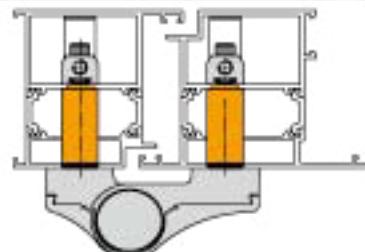
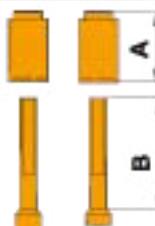




Art.	A	B
6664B	12-15	45
6664BX	12-15	45
6664C	15-18	45
6664CX	15-18	45
6664D	16,5-23	45
6664DX	16,5-23	45
6664E	23-35	60
6664EX	23-35	60
6664F	35-47	60
6664FX	35-47	60



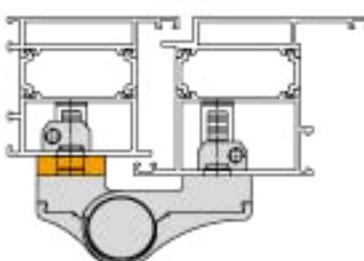
Art.	A	B
6664202	20,2	45
6664238	23,8	45
6664294	29,4	60
6664318	31,8	60



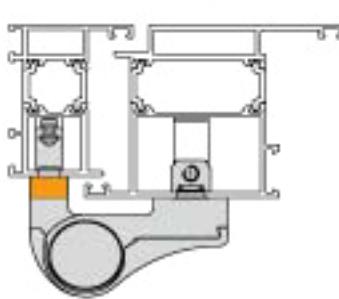
Art.	S
6666s2	2
6666s4	4
6666s5	5
6666s7	7
6666s8	8
6666s8,5	8,5
6666s10	10

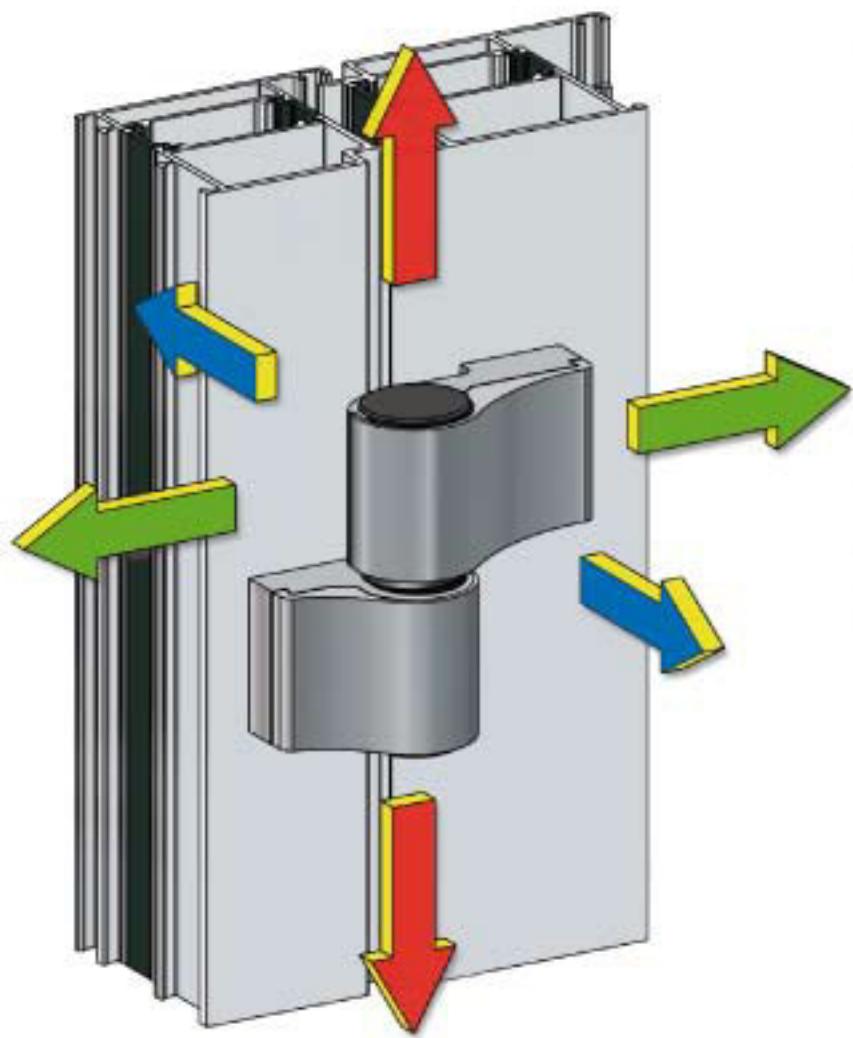


Art.	S
6607A	2
6607B	4
6607C	5
6607D	7
6607E	8
6607F	8,5
6607G	10



Art.	S
6669s2	2
6669s4	4
6669s5	5
6669s7	7
6669s8	8
6669s8,5	8,5
6669s10	10





The Loira+ hinge in either two and three-leaf version, is adjustable in the three directions, when the door is in the closed position. Adjustments are micrometric and independent of one another.

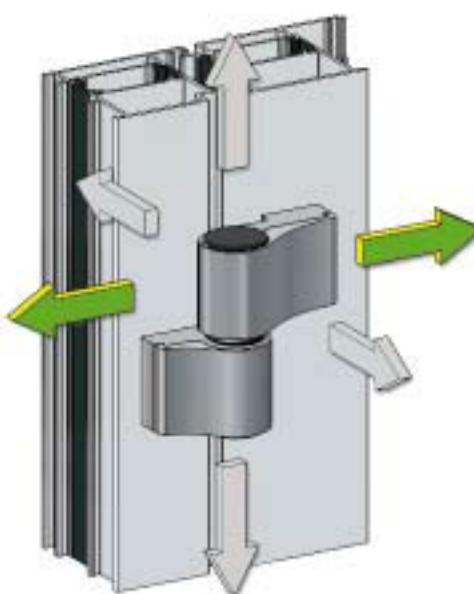
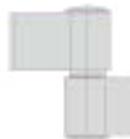
La paumelle Loira+ soit dans la version à deux lames que dans celle à 3 lames est réglable à porte fermée, dans les trois directions. Les réglages sont micrométriques et complètement indépendants entre eux.

Der Loira+ Band, beides Zweiteilig und Dreiteilig, kann man in die drei Richtungen verstellen mit geschlossener Tür. Die Verstellungen sind mikrometrisch und völlig unabhängig.

De Loira+ scharnier, zowel de tweedelige als driedelige, is afstelbaar in de drie richtingen met gesloten deur. De afstellingen zijn micrometrisch en onderling volledig onafhankelijk.

Версии петли Loira+ – двухсекционная и трехсекционная – Плюс регулируемые по трем направлениям. Регулировки микрометрические и полностью независимые друг от друга.





The micrometric horizontal adjustment, of $\pm 2,5$ mm, is carried out when the door is in the closed position, by rotating the upper bush and then locking the dowel.

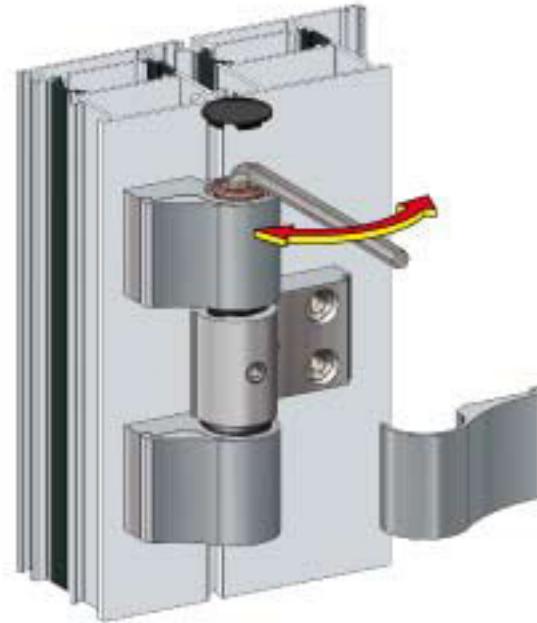
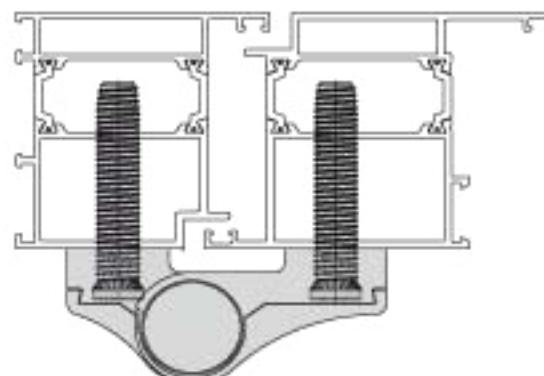
Le réglage micrométrique en horizontal, de $\pm 2,5$ mm, est effectué à porte fermée par une simple rotation de la douille supérieure et suivant blocage de la vis sans tête.

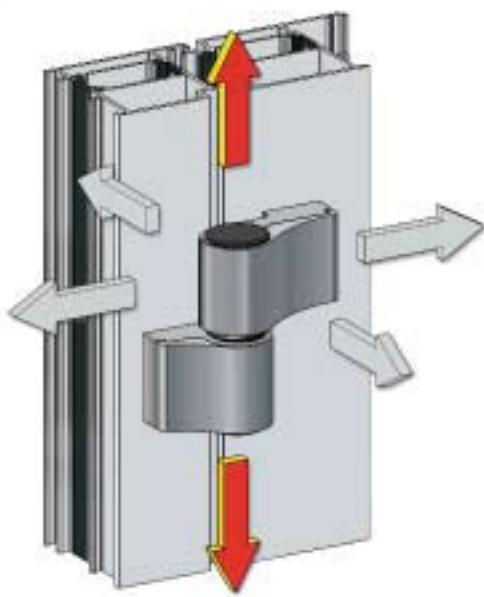
Die horizontale mikrometrischen Verstellung, von $\pm 2,5$ mm, ist durch geführte mit geschlossenen Tür durch eine einfache Drehung des oben Lagerbuchse und die anschließende Blockade mit die Gewindestift.

De horizontale micrometrische afstelling van $\pm 2,5$ mm, wordt met gesloten deur uitgevoerd door een eenvoudige rotatie van de bovenbus en daaropvolgende blokkering met de inbusschroef.

Микрометрическая регулировка по горизонтали $\pm 2,5$ мм выполняется при закрытой двери простым поворотом верхней втулки и последующей фиксацией винтом.

- 2,5 mm + 2,5 mm





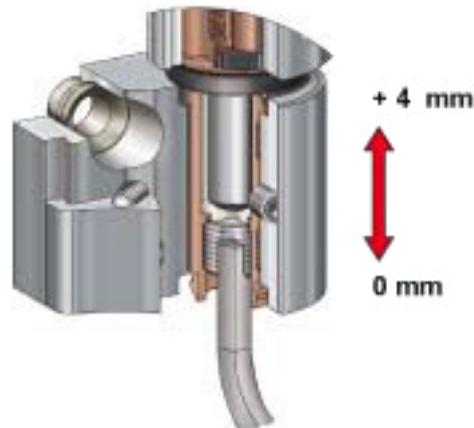
The micrometric vertical adjustment, from 0 to +4 mm, is carried out when the door is in the closed position through a stainless steel adjusting element, pre-assembled on the lower bush.

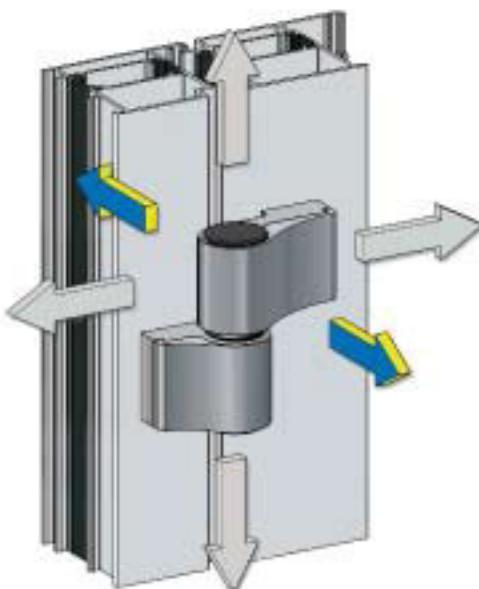
Le réglage micrométrique vertical, de 0 à +4mm, est effectué à porte fermée par le registre en acier inox, pré-monté dans la douille basse.

Die vertikale mikrometrischen Verstellung, von 0 bis 4 mm, ist durchgeführt mit geschlossenen Tür auf der Grundlage einer Edelstahl Einrichtung Vormontiert in der Untenbuchse.

De verticale micrometrische afstelling, van 0 tot +4 mm, wordt met gesloten deur uitgevoerd aan de hand van de roestvrij staal inrichting voorgemonteerd in de onderbus.

Микрометрическая регулировка по вертикали от 0 до +4 мм, выполняется при закрытой двери посредством вращения гайки из нержавеющей стали, установленной в нижней втулке.





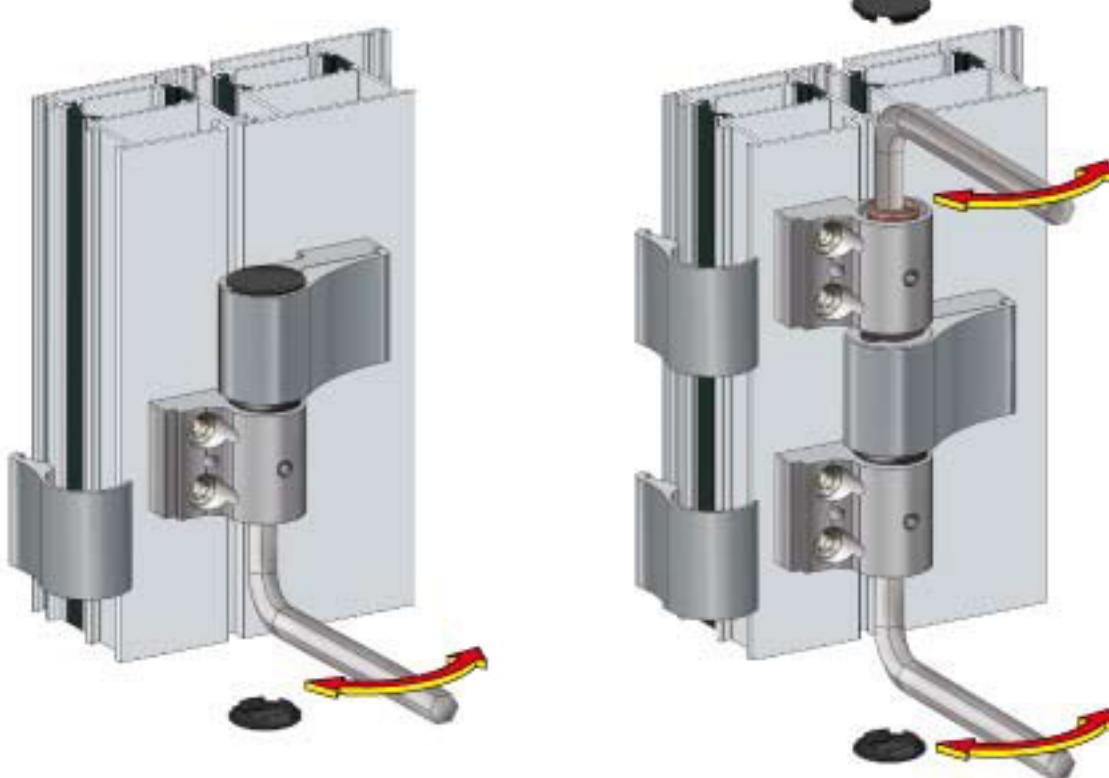
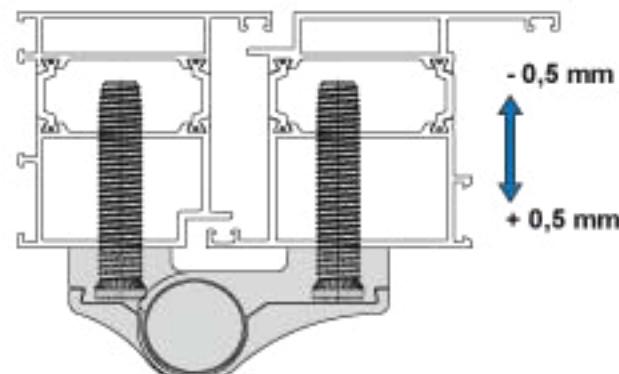
The micrometric adjustment in pressure of the gasket, of $\pm 0,5$ mm, is carried out when the door is in the closed position, by rotating the lower bush and then locking the dowel.

Le réglage micrométrique en pression du joint, de $\pm 0,5$ mm, est effectué à porte fermée par la simple rotation de la douille basse et suivant blocage de la vis sans tête.

Die mikrometrischen Verstellung des Dichtungsandruck, von $\pm 0,5$ mm, ist durch geführt mit geschlossenen Tür auf der Grundlage eines einfache Drehung des Unten Buchse und die anschließende Blockade mit die Gewinde-stift.

De micrometrische diepteafstelling van $\pm 0,5$ mm wordt met gesloten deur uitgevoerd door een eenvoudige rotatie van de onderbus en daaropvolgende blokkering met de inbusschroef.

Микрометрическая регулировка прижима $\pm 0,5$ мм выполняется при закрытой двери простым поворотом нижней втулки и последующей фиксацией винтом.





The Loira+ hinges in either two and three-leaf version, are individually packed in standard boxes containing 12 pieces each and in industrial boxes containing 50 pieces each.

Les paumeilles Loira+, dans la version à deux et 3 lames, sont conditionnées singulièrement en boîtes standard de 12 pièces et en boîtes industrielles de 50 pièces.

Die Paletten Loira+ Bänder, in zwei- oder dreiteilige Ausführung, sind einzeln verpackt in der Standard Verpackung von 12 Stück und in industrielle Verpackung von 50 Stück.

De schamieren Loira+, in de twee- en driedelige uitvoering, zijn afzonderlijk verpakt in standaard dozen van 12 stuks en in industriële verpakkingen van 50 stuks.

Петли Loira+ в версиях двух и трехсекционная упаковывается по-штучно в стандартную коробку для 12 штук, а также в индустриальную упаковку – коробка включает 50 штук петель.



Packaging STANDARD - Conditionnement STANDARD - Verpackung STANDARD
Verpakking STANDARD - Упаковка STANDARD

Packaging INDUSTRIAL - Conditionnement INDUSTRIAL - Verpackung INDUSTRIAL
Verpakking INDUSTRIAL - Упаковка INDUSTRIAL



1x12



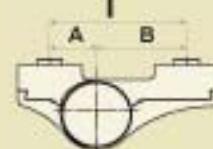
1x50





LOIRA+	I A+B	53 (13+40)	60 (20+40)	67 (20+47)	79 (39+40)	80 (20+60)	86 (39+47)	93 (46+47)	99 (39+60)	106 (46+60)
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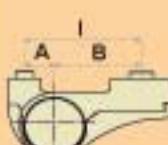


 	7000 7000i	7010 7010i	7020	7030	7040 7040i	7050 7050i	7060	7070		
	7000V 7000Vi	7010V 7010Vi	7020V	7030V	7040V 7040Vi	7050V 7050Vi	7060V	7070V		
	7003	7013 7013i	7023	7033	7043	7053	7063	7073		
	7003V 7013Vi	7013V 7013Vi	7023V	7033V	7043V	7053V	7063V	7073V		

LOIRA+ TR

53 (13+40)	60 (13+47)									
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 	7100 7100i	7110								
	7103									

note

Fapim s.p.a.
Via delle Cerbaie, 114
65011 Altopascio (LU) Italia
Tel. ++39 0583 - 2601 Fax ++39 0583 - 25291
<http://www.fapim.it> e-mail: info@fapim.it



ADDITIONAL PRICE LIST 2016



STANDARD COLOURS

31_RAL-1013	32_RAL-9010	34_RAL 6005	35_RAL 8017	37_RAL-9005
43_RAL-8019	48_GRI-GOT.	50_VER-GOT.	51_MAR-GOT.	58_RAL-9016
60_VER-GRINZ	61_MAR-GRINZ	65_RAL 9840	70_BRUN 477 MAT	76_RAL-1015
AH_RAL 1013 OPACO	BIBRONZO ITALIA	G5_RAL-9006	G6-ARGV.	MR_RAL 7016 OPACO
MV-INOX-VER.	NJ-SS PC GL	NL_RAL 7016 FIN STRUCTURE	NN_RAL 7016 GRANITÈ	OT_RAL 9001 OPACO
OV_NOIR 2100 SABLE	QK-RAL 9006 TIGER	QM_RAL 9010 OPACO	QT_BIANCO 199 OPACO	QX_RAL 9016 OPACO

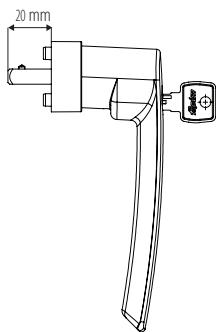
SUPPLEMENT TO FAPIM PRICE LIST N° 50/2016

 Made in Italy

fapim®
Life in evolution

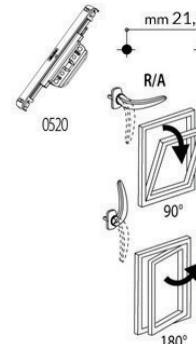


0502AZ
0532AZ
0532BZ
0532B
0542B



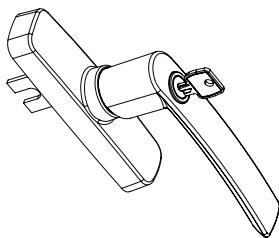
0502AZ

Martellina IRIS con selettori a chiave
 IRIS window handle with opening key selector
 Poignée IRIS avec sélecteur à clé
 Marilla IRIS con selector de llave
 Maçaneta IRIS com selector de chave
 IRIS Fenstengriff mit dem Schüsselwähler
 Raamkruk IRIS met cilinderschakelaar
 Klamka okenna IRIS z kluczykiem do syst. R/Uchylnych
 Пóюлое горюбóру IRIS μe epíloúca klébóu
 Рука IRIS с переключателем и ключом
 Prozorska ručica IRIS sa selektorem na kľúč
 配带钥匙开关的IRIS窗执手



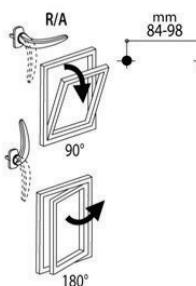
3,7 Kg
10 PZ

25,40



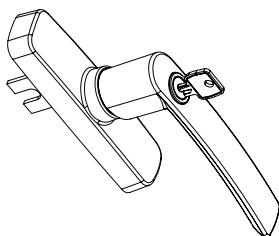
0532AZ

Cremonese GEA con selettori a chiave
 GEA cremon bolt with key selector
 Crémone GEA avec sélecteur à clé
 Cremona GEA con selector de llave
 Cremona GEA com selector de chave
 GEA mit Schlüsselwähler
 Raamkruk GEA met cilinderschakelaar
 Klamka okenna GEA z kluczykiem do syst. R/Uchylnych
 Σπανιόλετρα GEA μe epíloúca γia avaklivovavoyójevo
 Рука GEA с переключателем и ключом
 Pogonska ručica GEA za OZ otvaranje sa selektrom na kluč
 配带钥匙开关的GEA窗执手



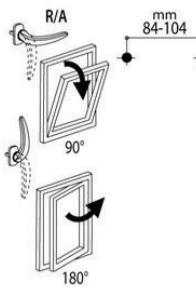
4,7 Kg
10 PZ

26,00



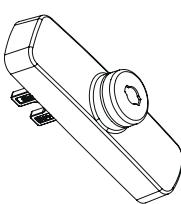
0532BZ

Cremonese GEA con selettori a chiave
 GEA cremon bolt with key selector
 Crémone GEA avec sélecteur à clé
 Cremona GEA con selector de llave
 Cremona GEA com selector de chave
 GEA mit Schlüsselwähler
 Raamkruk GEA met cilinderschakelaar
 Klamka okenna GEA z kluczykiem do syst. R/Uchylnych
 Σπανιόλετρα GEA μe epíloúca γia avaklivovavoyójevo
 Рука GEA с переключателем и ключом
 Pogonska ručica GEA za OZ otvaranje sa selektrom na kluč
 配带钥匙开关的GEA窗执手



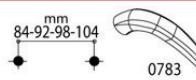
4,7 Kg
10 PZ

26,00



0532B

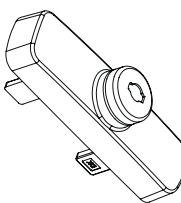
Cremonese GEA ad una uscita senza manico
 GEA single fork cremon bolt without handle
 Crémone GEA à une fourche sans poignée
 Cremona GEA de una pala sin mango
 Cremona GEA de uma saída sem punxador
 GEA Einzelgabelgetriebegriff ohne Griff
 Raamkruk GEA en enkele work zonder handvat
 Klamka okenna GEA z pojedynczym widlem bez rękojeści
 Βόη σπανιόλετρα μονής κατεύθυνσης GEA
 Однолопатковая рука GEA, без рукотки
 Pogonska ručica GEA za OZ otvaranje bez rukohvata
 可拆卸 GEA 单叉执手



3,3 Kg
10 PZ

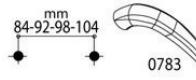
21,20

21,20



0542B

Cremonese GEA a due uscite senza manico
 GEA double fork cremon bolt without handle
 Crémone GEA à deux fourches sans poignée
 Cremona GEA de dos palas sin mango
 Cremona GEA de duas saídas sem punxador
 GEA Doppelgabelgetriebegriff ohne Griff
 Raamkruk GEA en dubbele work zonder handvat
 Klamka okenna GEA z podwójnym widlem bez rękojeści
 Βόη σπανιόλετρα μονής κατεύθυνσης GEA
 Однолопатковая рука GEA с двумя передачами без рукотки
 Pogonska ručica GEA za zaokretno otvaranje bez rukohvata
 可拆卸 GEA 双叉执手



3,0 Kg
10 PZ

21,20

21,20



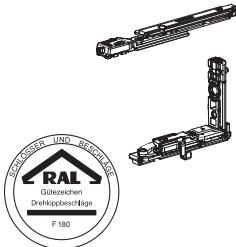
1200L
1200R
1201L
1201R
1204L

1200L	G2 GALICUBE		180 Kg		C.E.	8,8 Kg	10 PZ	OO-NO-COL.	55,50
1200R	G2 GALICUBE		180 Kg		C.E.	8,8 Kg	10 PZ	OO-NO-COL.	55,50
1201L	G2 GALICUBE		180 Kg		C.E.	10,7 Kg	10 PZ	OO-NO-COL.	56,30
1201R	G2 GALICUBE		180 Kg		C.E.	10,7 Kg	10 PZ	OO-NO-COL.	56,30
1204L	G2 GALICUBE		180 Kg		C.E.	7,4 Kg	10 PZ	OO-NO-COL.	52,40



1204R

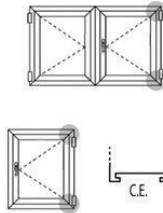
1204R



Coppia di cerniere a scomparsa MAGICUBE per anta battente destra
 MAGICUBE pair of concealed hinges for right side-hung opening
 Paar de paumelles cachées MAGICUBE pour ouverture à la française droite
 Par de bisagras ocultas MAGICUBE para ventana practicable derecha
 Par de dobradiças ocultas MAGICUBE para abertura batente direita
 MAGICUBE Verdeckter Bandpaar für Flügelfenster - rechts
 Kit MAGICUBE voor rechts stolpraam samengesteld uit verdeckliggend beslag met schaar
 MAGICUBE komplet ukrytych zawiasów do prawego skrzydła rozwiernego
 MAGICUBE (ζεύς κρυφών μετασέδων για οποιούσιο δεξιά
 Пара скрытых петель MAGICUBE для окна, правые
 Par skrivenih šarki MAGICUBE za krilni ram prozora, desni
 双门右开窗套件 MAGICUBE, 包括隐藏式铰链和臂杆



180 Kg



C.E.

7,4 Kg
10 PZ

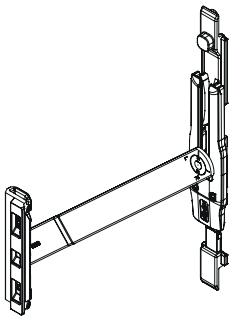
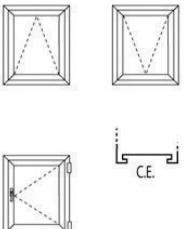
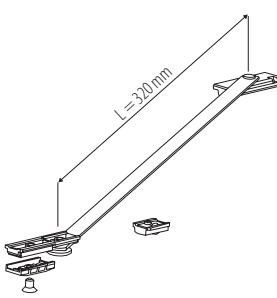
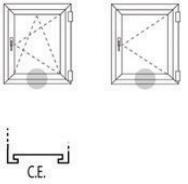
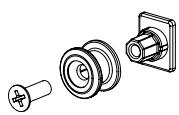
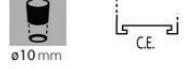
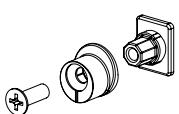
OO-NO-COL.

52,40

ACCESSORI PER ANTA RIBALTA, ABBINATA O BATTENTE - ACCESSORIES FOR TILT-AND-TURN, PAIRED WING OR SIDE-HUNG SASH
 ACCESSOIRES POUR OSCILLO-BATTANT, BATTANT SEMI-FIXE OU À LA FRANÇAISE - ACCESORIOS PARA OSCILLO BATTENTE, HOJA COMBINADA O PRACTICABLE
 ACESSÓRIOS PARA OSCILLO BATENTE, FOLHA COMBINADA OU PRACTICABLE - ZUBEHÖR FÜR DREH-KIPP, STUPLFENSTER ODER DREHENDES FENSTER
 TOEBEHOREN VOOR DRAAIKIP, STOLPRAAM OF ENKEL OPENDRAAIEND RAAM - AKCESORIA DO SYSTEMU ROZWIĘRNO-UCHYLNEGO, DODATKOWEGO SKRZYDŁA
 ΕΞΑΡΤΗΜΑΤΑ ΓΙΑ ΜΗΧΑΝΙΣΜΟ ΑΝΑΚΑΛΗΣΗΣ, ΔΙΦΥΛΑ Η ΑΝΙΓΟΜΕΝΑ - АКСЕСУАРЫ ДЛЯ ПОВОРОТНО-ОТКИДНОЙ СИСТЕМЫ, ВТОРОЙ СТВОРКИ ИЛИ ДЛЯ СТВОРКИ
 PRIBOR ZA ZAOKEVNO-OTKLOPNO OTVARANJE, DRUGO ILI GLAVNO KRILO

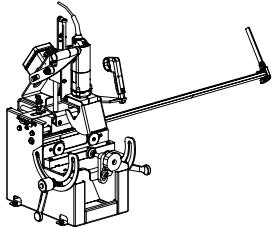
内倒内, 组合或门窗用配件



 <p>1456</p> <p>Braccio di sicurezza LIMITE LIMITE safety limiting device Compas de sécurité LIMITE Compás de seguridad LIMITE Braço de segurança LIMITE LIMITE Drehflügelbegrenzer LIMITE veiligheidsbegrenzer Ogranicznik bezpieczeństwa LIMITE Κουμπάο LIMITE Ограничитель открывания LIMITE Grančnik otvaranja LIMITE LIMITE 限位器</p>	INX ZM  <p>CE.</p> <p>3,1 Kg 10 PZ</p> <p>OO-NO-COL. 15,30</p>	1456 1459C 1566B 1596D
 <p>1459C</p> <p>Braccio limitatore di apertura medio con freno Medium opening limit device with brake Compas limiteur d'ouverture moyen avec frein Compás limitador de abertura medio con freno Braço limitador de abertura medio com travão Mittlere Drehflügelbegrenzer mit Bremse Middellange openingsbegrenzer met regelbare rem Ogranicznik otwarcia średnia, z hamulcem Μεσαίο κουμπάο φρένο Средине ограничитель открывания с фиксатором Средње гранчишник отварања са којничом 限位器</p>	INX G2 GALICUBE MAGICUBE  <p>CE.</p> <p>1,7 Kg 10 PZ</p> <p>Z5-CHROMAT. 11,20</p>	
 <p>1566B</p> <p>Perno di collegamento con vite per cremones ad una uscita Connecting pin with screw for single fork cremona bolt Axe de jonction avec vis pour crémones à une fourche Eje de conexión con un tornillo para cremonas de una pala Perno de ligação com parafuso para cremones de uma saída Verbindungsbolzen mit Schraube für Einzelgabelgetriebegriff Verbindungspsen met schroef voor raamrukken met enkele vork Bolec laczacy ze śrubą do klamki z pojedynczym widmem Πέρος σύνδεσης με βίδα για σπανόλετα μονής κατεύθυνσης Подключение штифт с винтом на ручку с одной передачей Tuljak povezivanja mehanizma sa vijakom za pogonskom ručicom 用于单叉执手的连接销</p>	ZM G2 GALICUBE MAGICUBE  <p>CE.</p> <p>0,3 Kg 50 PZ</p> <p>Z5-CHROMAT. 1,00</p>	
 <p>1596D</p> <p>Perno registrabile per chiusura supplementare Adjustable pin for additional locking Axe réglable de fermeture supplémentaire Eje regulable de cierre suplementario Perno regulável de fechamento suplementar Einstellbares Zusatzverschlussbolzen Afstelbaar sluitrol voor aanvullende vergrendeling Regulowany bolec zamkujący do dodatkowego nastawienia Регулируемый петрос для дополнительного блокировки Регулируемый цапфа для дополнительной блокировки Šteujući tuljak za dopunskega zatvaranja 附加锁点</p>	ZM G2 GALICUBE MAGICUBE  <p>CE.</p> <p>0,4 Kg 50 PZ</p> <p>Z5-CHROMAT. 0,85</p>	



1688
1688A



1688

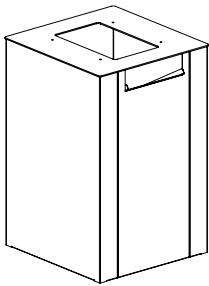
Pantografo PA18
PA18 Pantograph
Pantographe PA18
Pantógrafo PA18
Pantógrafo PA18
PA18 Pantograph
Pantograf PA18
Пантограф PA18
Пантограф PA18
Пантограф PA18
Пантограф PA18
PA18 受电弓

PA18



28,0
Kg
1 PZ

00-NO-COL. 2.700,00



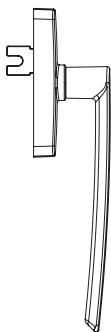
1688A

Banco per pantografo PA18
PA18 pantograph bench
Table de travail pour pantographe PA18
Banco de trabajo para pantógrafo PA18
Bancada para pantógrafo PA18
Werkbank für PA18 Pantograph
Werkbank voor pantograaf PA18
Stół warsztatowy dla pantografów PA18
πάνος εργαλείων για PA18 παντόγραφου
Инструментальные средства для PA 18 пантографа
Radni stol za PA 18 pantograf
工作台中为PA18受电弓

PA18

16,5
Kg
1 PZ

00-NO-COL. 250,00



0534D

Cremone GEÀ ad una uscita con manico lungo
 GEÀ single fork cremona bolt with long handle
 Crémone GEÀ à une fourche avec long manche
 Cremona GEÀ de una pala con mango largo
 Cremone GEÀ de uma saída com puxador longo
 GEÀ Einzelgabelgetriebegriff mit langem Griff
 Raamkruk GEÀ met enkele work en lange greep
 Klamka okienna GEÀ z pojedynczym widlem z długim rękojeścią
 Σπονιόλετα μονής κατεύθυνσης GEÀ με μακριά λαβή
 Ручка оконная GEÀ с одной передачей и длинной рукояткой
 Pogonska ručica sa dugom rukohvatom GEÀ
 GEA 执手 长柄

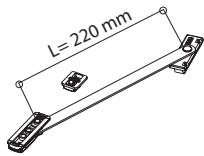


84-92-98-104 mm

2,5 Kg
5 PZ

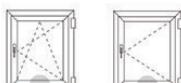
99-GR. ORO 25,30

25,30

0534D
1459S
1703
1740
1740A

1459S

Braccio limitatore di apertura con freno
 Opening limiting device with brake
 Compas limitateur d'ouverture avec frein
 Compás limitador de apertura con freno
 Brâo limitador de abertura com travão
 Drehflügelbegrenzer mit Bremse
 Openingsbegrenzer met regelbare rem
 Ogranicznik otwarcia z hamulcem
 Контроллер фрео
 Ограничитель открывания с фиксатором
 Границник отваряња са коначном
 限位器



SYNCRO

1,4 Kg
10 PZ

Z5-CHROMAT. 10,80



1703

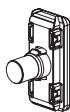
Tassello di raccordo per cremonesi ad una uscita
 Connecting block for single fork cremona bolt
 Goujon de raccord pour crémones à une fourche
 Empalme para cremonas de una pala
 Peça de ligação para cremone de uma sáida
 Kupplungsstück für Einzelgabelgetriebegriff
 Verbindungsstück voor raamkrukken met enkele work
 Zabierak pod klamką z pojedynczym widlem
 Συνδέσμος για σπονιόλετα μονής κατεύθυνσης
 Насадка на ручку с одной передачей
 Prihvativ za pogonsku ručicu zaokretno-otkllopog otvaranja
 用于单叉执手的传动器



SYNCRO

0,6 Kg
10 PZ

Z5-CHROMAT. 2,72



1740

Punto di chiusura
 Locking point
 Point de fermeture
 Punto de cierre
 Ponto de fecho
 Verschlusspunkt
 Sluitpunt
 Punkt blokujacy
 Σημείο κλειδώματος
 Запорный набор
 Tačka zatvaranja
 锁点



AISI 304



SYNCRO

2,8 Kg
100 PZ

OO-NO-COL. 1,01



1740A

Punto di chiusura regolabile
 Adjustable locking point
 Point de fermeture réglable
 Punto de cierre regulable
 Ponto de fecho regulável
 Einstellbares Verschlusspunkt
 Afstelbare sluitpunt
 Punkt blokujacy regulowany
 Ρυθμίζουμενο οριστικό κλειδώματος
 Запорный набор регулируемый
 Tačka podešiva zatvaranja
 锁点(可调节)



AISI 304



SYNCRO

2,6 Kg
100 PZ

OO-NO-COL. 1,27



1745
1746
1788
1789
1687A



1745

Incontro laterale ad avvitare
Screwable side lateral keeper
Gâche latérale à visser
Cerradero lateral para atomillar
Encontro lateral para aparafusar
Seitliches Schraubenbefestigungsgegenstück
Te Schroeven zijdeel sluitplaat
Zácep boczny wkręcany
Панто оптический фиксатор
Боковая часть замка для резьбовых выштов
Воен приватник затваряна за вижима
支撑块



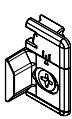
1789

SYNCRO

2,9 Kg
200 PZ

Z5-CHROMAT.

0,81



1746

Incontro universale regolabile
Adjustable universal keeper
Gâche réglable universel
Cerradero regulable universal
Encontro regulável universal
Einstellbares Universalgegenstück
Afstellbare universale sluitplaat
Zácep universálny regulowany
Регулируемый оптический
Универсальная регулируемая ответка
Штатујући универзални приватник
支撑块



1789

SYNCRO

2,1 Kg
100 PZ

Z5-CHROMAT.

1,65



1788

Mecanismo per apertura esterna OUT
Mechanism for external opening OUT
Mécanisme d'ouverture extérieur OUT
Mecanismo de apertura al exterior OUT
Mecanismo de abertura ao exterior OUT
Beschlag für äuswärts öffnende Fenster OUT
Mechanisme voor uitwendige opening OUT
Mechanism otwierania OUT dla zewnętrznego
Механизм для внешнего открытия OUT
Механизм для наружного открывания OUT
Mehanizam za spoljašnje otvaranje OUT
传动器(OUT 用)

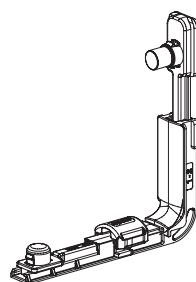


SYNCRO

3,3 Kg
10 PZ

Z5-CHROMAT.

24,70



1789

Rinvio d'angolo per sistema OUT
Corner transmission for OUT system
Renvoi d'angle pour système OUT
Ángulo de reenvío para sistema OUT
Ângulo para Sistema OUT
Eckumlenkung für OUT System
Hoekoverbrenging voor OUT systeem
Нароњак трансмисије до систему OUT
Гωνία κλειδώματος, συστήματος OUT
Угловая передача для системы OUT
Ugaoni prenosnik za sistem OUT
转角器(OUT 用)

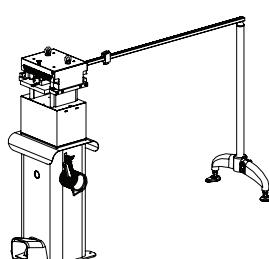


SYNCRO

1,4 Kg
10 PZ

Z5-CHROMAT.

7,65



1687A

Macchina punzonatrice FP-S2
FP-S2 punching machine
Machine poinçonneuse FP-S2
Maquina punzadora FP-S2
Máqui de perfuração FP-S2
FP-S2 Stanzmaschine
Ponsmachine FP-S2
Wykrojnik pneumatyczny FP-S2
Преодоли етажеронос връзка FP-S2
Пробивной пресс FP-S2
Presica FP-S2
FP-S2 中床

124,2
Kg
1 PZ

OO-NO-COL.

5.000,00

CARRELLI PER SCORREVOLI - ROLLERS FOR SLIDINGS
 GALETS POUR COULISSANTS - CARROS PARA CORREDERAS
 CARRINHOS PARA CAIXILHARIAS DE CORRER - LAUFROLLEN FÜR SCHIEBETÜREN
 LOOPWIELEN VOOR SCHUIFRAMES - WÓZKI DO SYSTEMÓW PRZESUWNYCH
 ΡΑΙΟΥΛΑ ΣΥΡΟΜΕΝΩΝ - РОЛИКИ ДЛЯ РАЗДВИЖНЫХ СИСТЕМ
 KOJICA ZA KLIZNE SISTEME

滑轮

HOCKEY

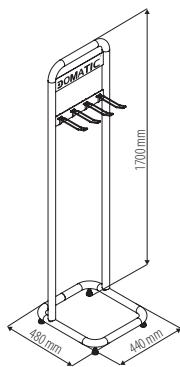
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10.5		5310QE			ø20	1,8 Kg 50 PZ	SUMISURA - Sliding 1 OO-NO-COL. 2,53
		5310QF			ø20	2,0 Kg 50 PZ	OO-NO-COL. 1,86
		5310QX			ø20	3,0 Kg 50 PZ	OO-NO-COL. 2,53
		5310RE			ø20	3,0 Kg 50 PZ	OO-NO-COL. 4,10
		5310RF			ø20	3,3 Kg 50 PZ	OO-NO-COL. 2,74
		5310RX			ø20	3,0 Kg 50 PZ	OO-NO-COL. 5,80
25.3		5325IE			ø22	1,8 Kg 50 PZ	KUPRUM - Elite OO-NO-COL. 2,41
		5325IF			ø22	2,0 Kg 50 PZ	OO-NO-COL. 1,75
		5325IX			ø22	3,6 Kg 50 PZ	OO-NO-COL. 3,15
		5325JE			ø22	2,8 Kg 50 PZ	OO-NO-COL. 3,87
		5325JF			ø22	2,8 Kg 50 PZ	OO-NO-COL. 2,49
		5325JX			ø22	4,8 Kg 50 PZ	OO-NO-COL. 5,40
27.1		5327EE			ø20	1,8 Kg 50 PZ	ALCEMAR - Linea Monaco TopALUAR - MODENA 90FEXA - PATAGONIA 90 OO-NO-COL. 2,48
		5327EF			ø20	1,4 Kg 50 PZ	OO-NO-COL. 1,84
		5327EX			ø20	3,2 Kg 50 PZ	OO-NO-COL. 3,25
		5327FE			ø20	2,9 Kg 50 PZ	OO-NO-COL. 3,98
		5327FF			ø20	3,2 Kg 50 PZ	OO-NO-COL. 2,62
		5327FX			ø20	5,6 Kg 50 PZ	OO-NO-COL. 5,54

spim®



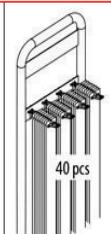
DE40A



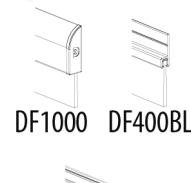
DE40A

Espositore per kit in formato blister
 Display for kit in blister packaging
 Présentoir pour kit en blister
 Expositor para kit en blister
 Amostruario para balisterado em kit
 Präsentationbox für Artikel im Blisterpackung
 Presentatiebox voor artikel in blisterverpakking
 Ekspozitor dla zestawów Blister
 Κιτ παρουσίασης για blister
 Дисплей для специальная упаковка
 Ekspozitor seta u blister pakovanju
 BLISTER 密封条 套件

L.1.000 mm



DA3062



DF9900A/B/C

11,0

Kg

1

48-GRI. GOT

400,00

INDEX

0534D	7	1688	6	5325JE	9
0502AZ	2	1688A	6	5325JF	9
0532AZ	2	1703	7	5325JX	9
0532B	2	1740	7	5327EE	9
0532BZ	2	1740A	7	5327EF	9
0542B	2	1745	8	5327EX	9
1200L	3	1746	8	5327FE	9
1200R	3	1788	8	5327FF	9
1201L	3	1789	8	5327FX	9
1201R	3	5310QE	9	DE40A	10
1204L	3	5310QF	9		
1204R	4	5310QX	9		
1456	5	5310RE	9		
1459C	5	5310RF	9		
1459S	7	5310RX	9		
1566B	5	5325IE	9		
1596D	5	5325IF	9		
1687A	8	5325IX	9		



Fapim S.p.A.
Via delle Cerbaie, 114
55011 Altopascio (LU) Italy
T +39 0583 2601 F+39 0583 25291
www.fapim.it info@fapim.it
Cod.Fisc. e Part.I.V.A. 02224030466



DOMATIC
info@domatic.it www.domatic.it



BENELUX

Fapim Benelux s.pr.l.b.v.b.a.
Avenue Rue St. Roch , 17
7712 Herseaux Belgium
T +32 56 340548
F +32 56 341960
info@fapimbenelux.be



HISPANIA

Fapim Hispania s.L.
C/edison, esq. A, Ingeniero
Goicoechea 45600
Parcela, 74
Talavera De la Reina (Espana)
T +34 925 828357
F +34 925 841148
[administración@fapimhispania.com](mailto:administracion@fapimhispania.com)
pedidos@fapimhispania.com



POLSKA

Fapim Polska sp. z o.o.
ul.Przyrzecze 4 03-107
WarszawaNIP : 536-16-29-437
T +48 227813797
F +48 227811022
Gsm 609022972



RUSSIA

Fapim RU llc
Kaluzhskaya Region
Province Borovskiy, 99km.
main way "Ukraina", building 4A
T +7 48439 97207
info@fapimru.ru



ARGENTINA

Fapim Argentina S.A.
Buschiazzo N° 347
(1611) Don Torcuato
Partido de Tigre
Buenos Aires - Argentina
T +54 (11) 48463545



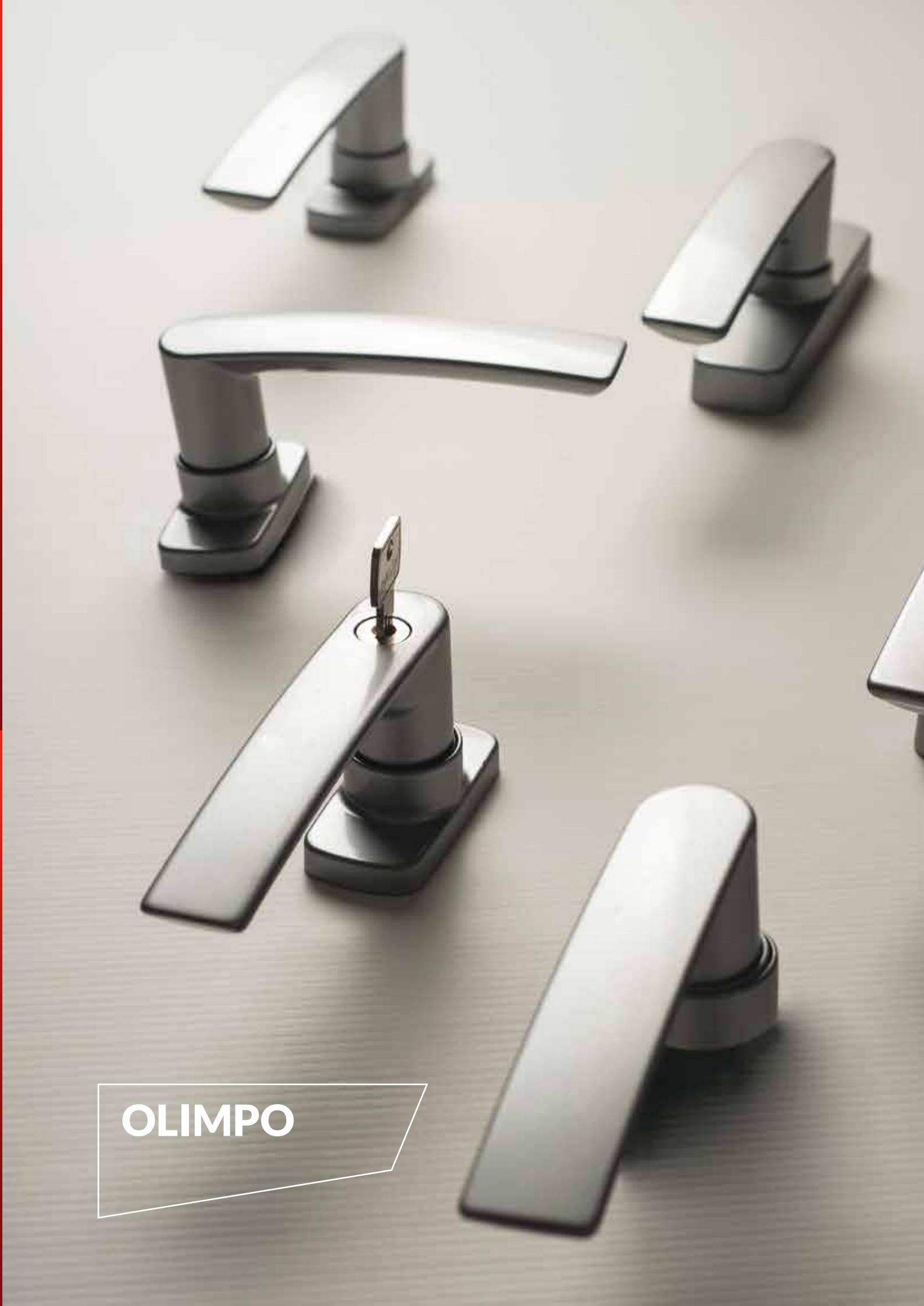
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Made in Italy

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Life in evolution



OLIMPO



IRIS



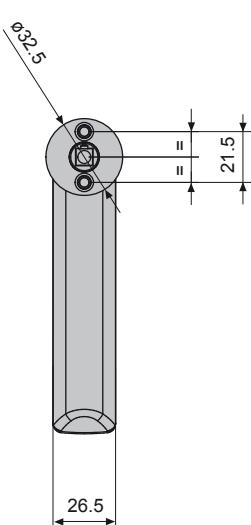
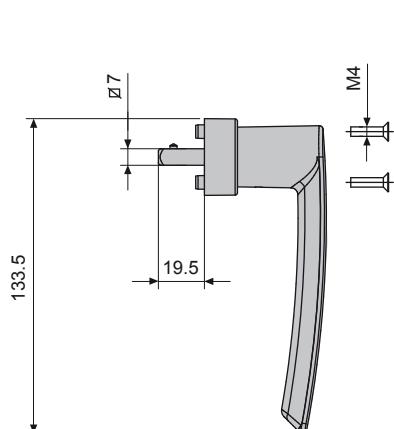
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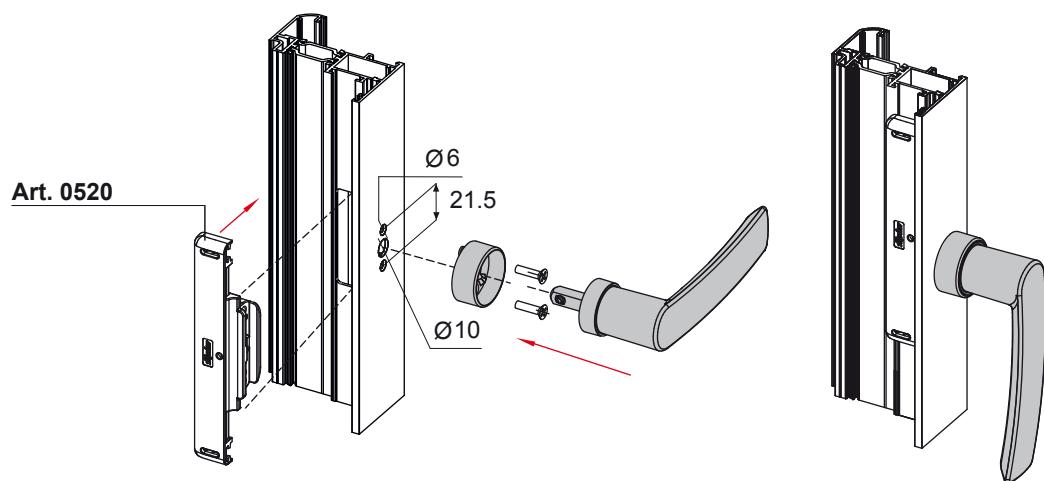
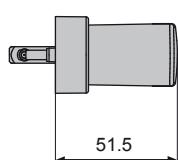
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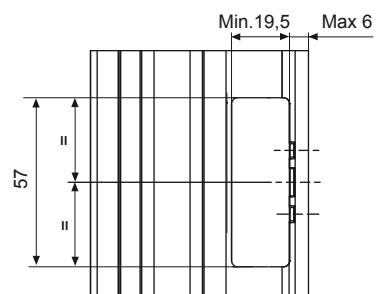
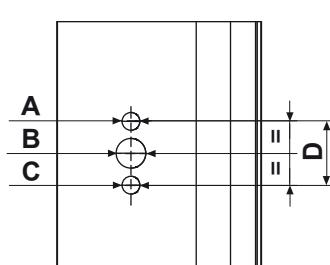
HERA

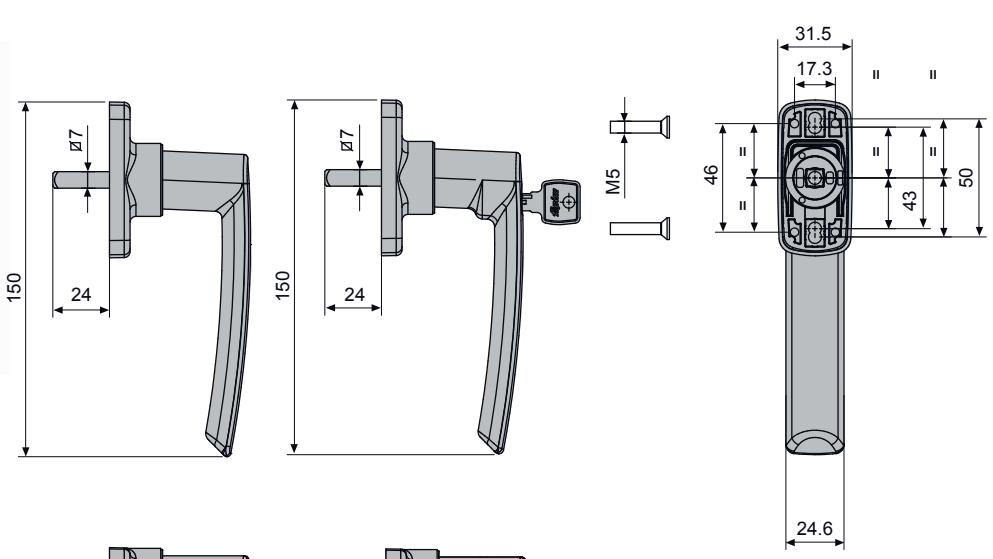


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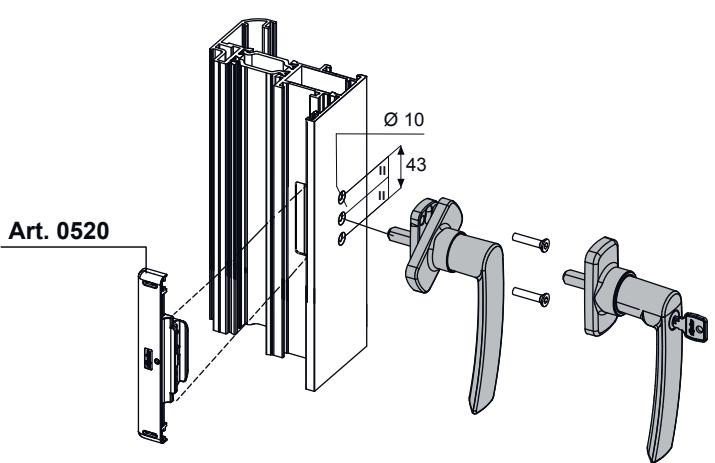
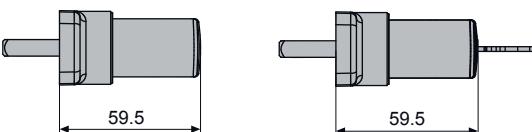


	A	B	C	D
0500A	Ø6	Ø10	Ø6	21.5

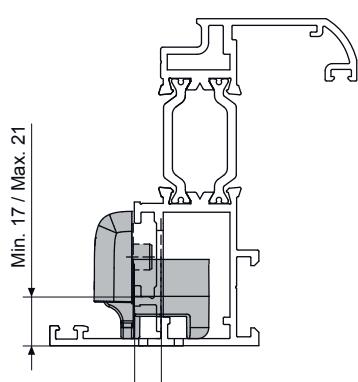
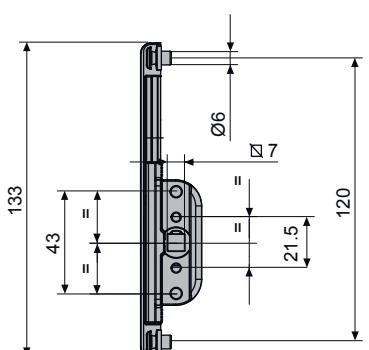
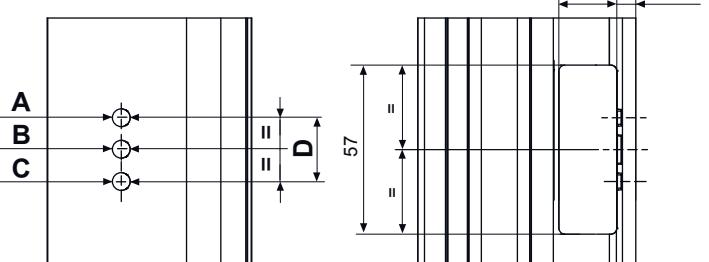




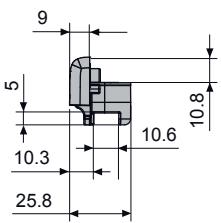
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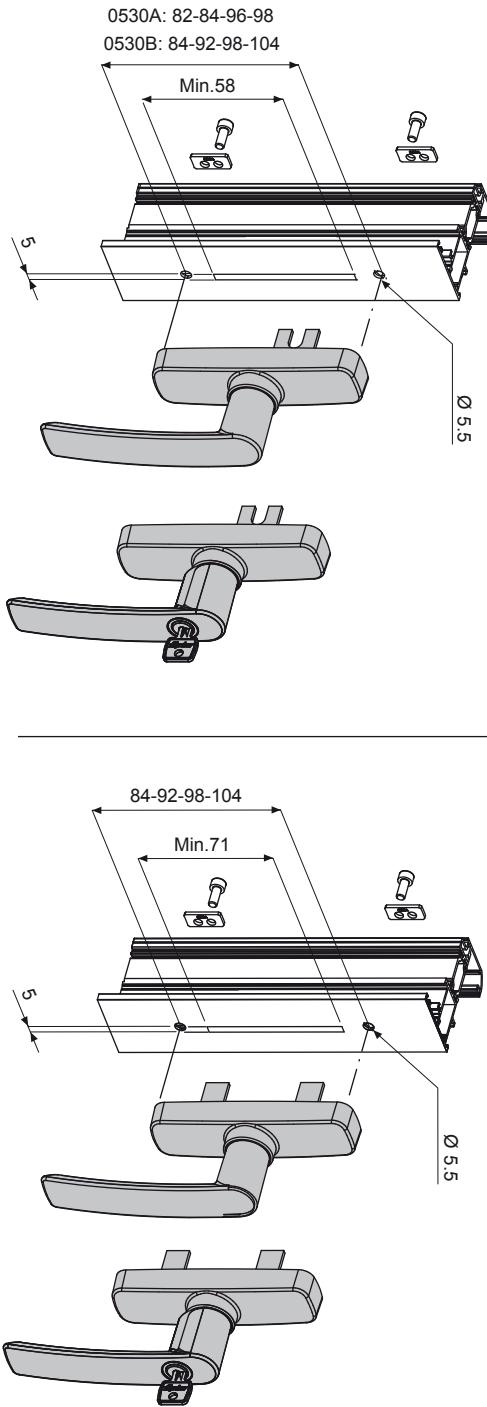


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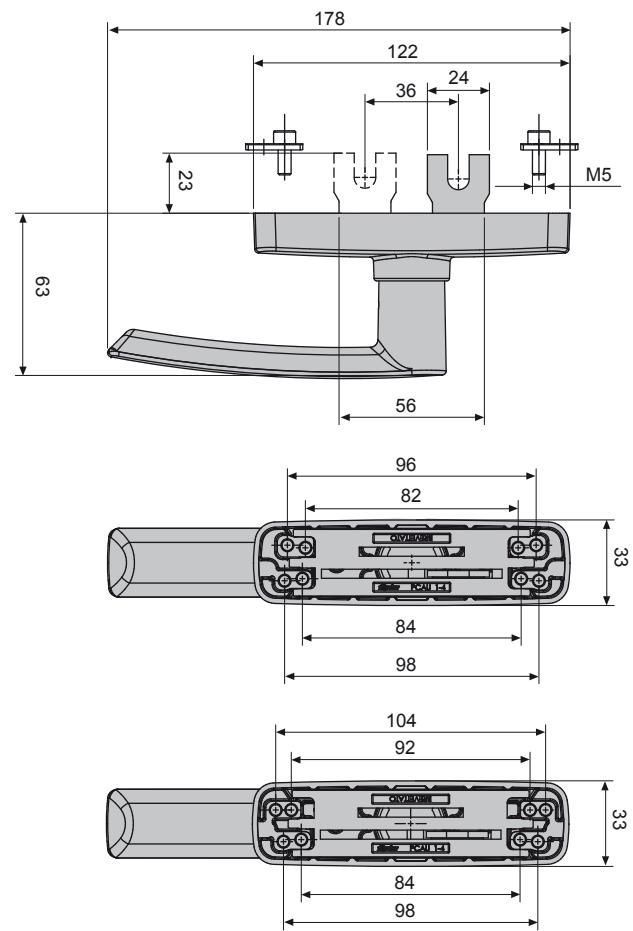
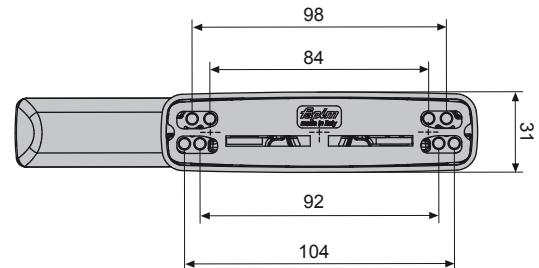
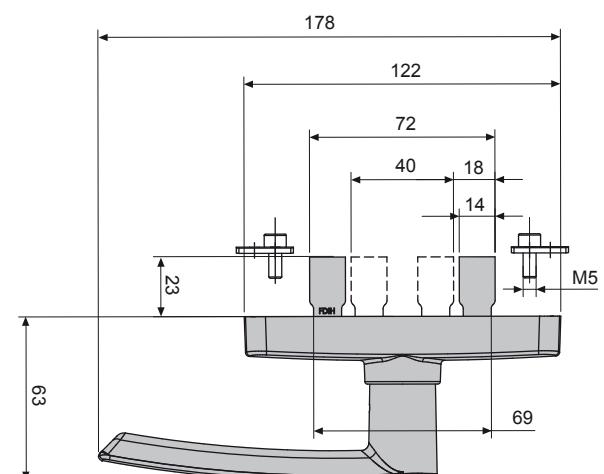


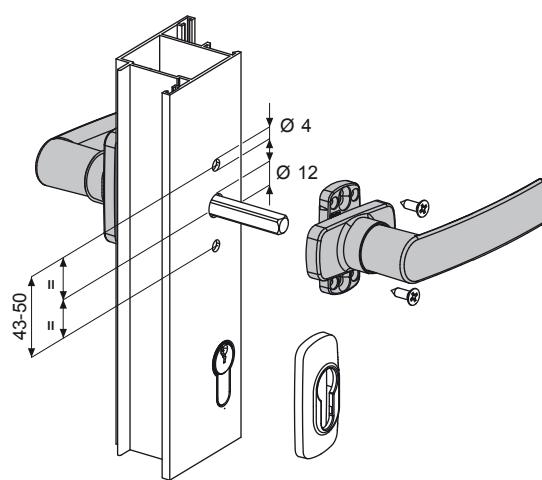
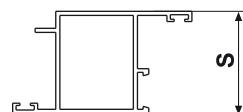
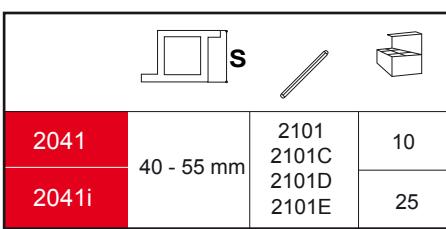
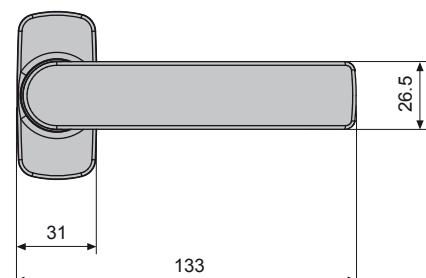
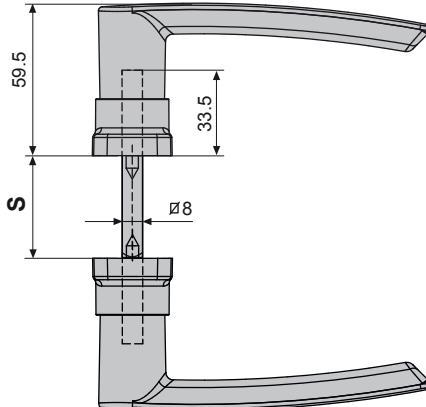
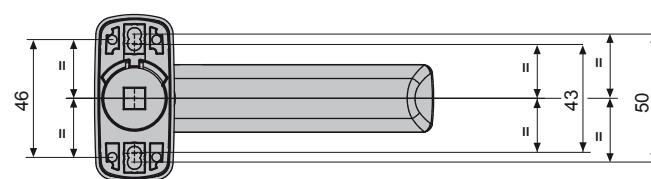
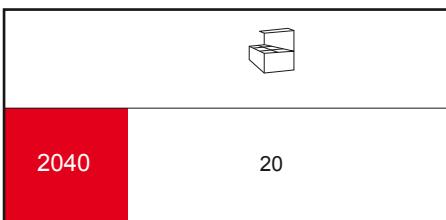
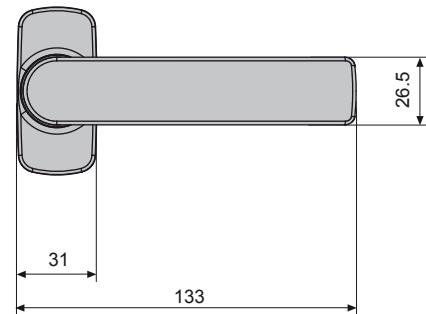
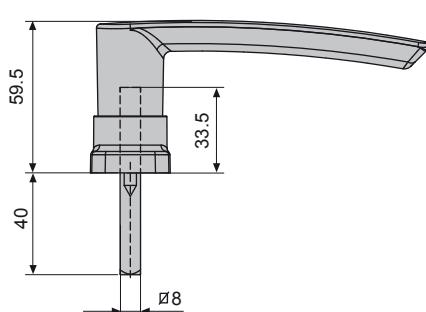
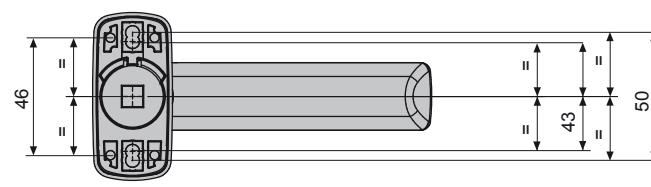


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0541B	10	10



0530Ai	82-84-96-98	50
0530B	84-92-98-104	50
0530Bi	10	10
0531B		







fapim®

Fapim S.p.A.
Via delle Cerbaie, 114
55011 Altopascio (LU) Italy
T +39 0583 2601 F +39 0583 25291
www.fapim.it info@fapim.it
Cod.Fisc. e Part.I.V.A. 02224030466

DOMATIC®

DOMATIC
info@domatic.it www.domatic.it

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BENELUX

Fapim Benelux s.p.r.l.b.v.b.a.
Avenue Rue St. Roch, 17
7712 Herseaux Belgium
T +32 56 340548
F +32 56 341960
info@fapimbenelux.be

fapim

HISPANIA

Fapim Hispania s.L.
C/edison, esq. A. Ingeniero
Goiocoecha 45600
Parcela, 74
Talavera De La Reina (Espana)
T +34 925 828357
F +34 925 841148
[administración@fapimhispania.com](mailto:administracion@fapimhispania.com)
pedidos@fapimhispania.com

fapim

POLSKA

Fapim Polska sp. z o.o.
ul.Przyrzecze 4 03-107
Warszawa NIP : 536-16-29-437
T +48 227813797
F +48 227811022
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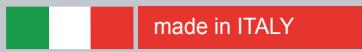
Fapim RU IIC
249010, Dom 33, Kievskoe Shosse,
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Russian Federation
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ARGENTINA

Fapim Argentina S.A.
Buschiazzo N° 347
(1611) Don Torcuato
Partido de Tigre
Buenos Aires - Argentina
T +54 (11) 48463545

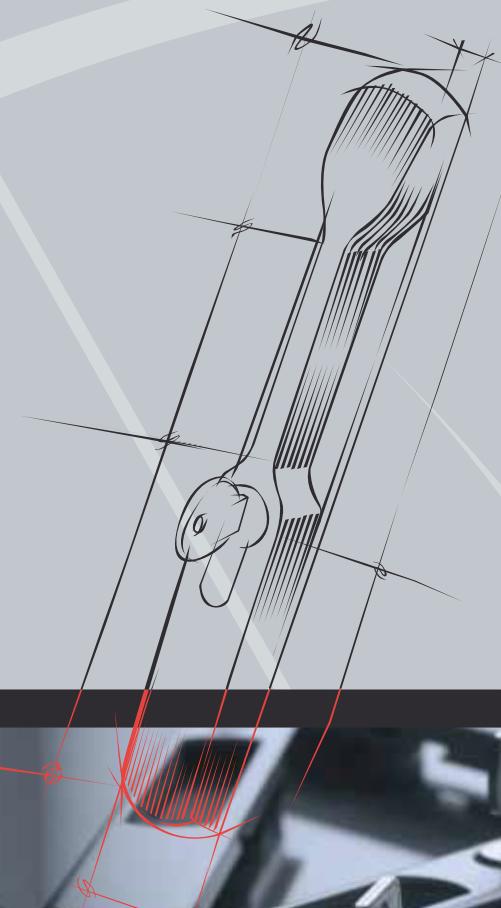
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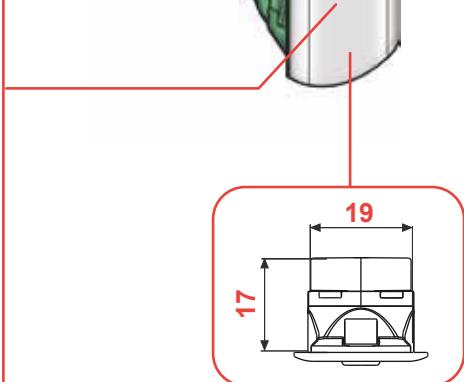
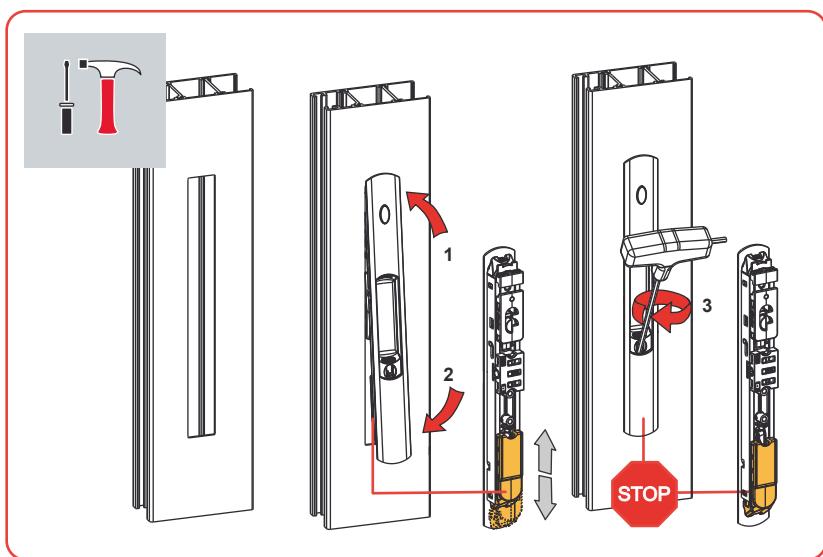
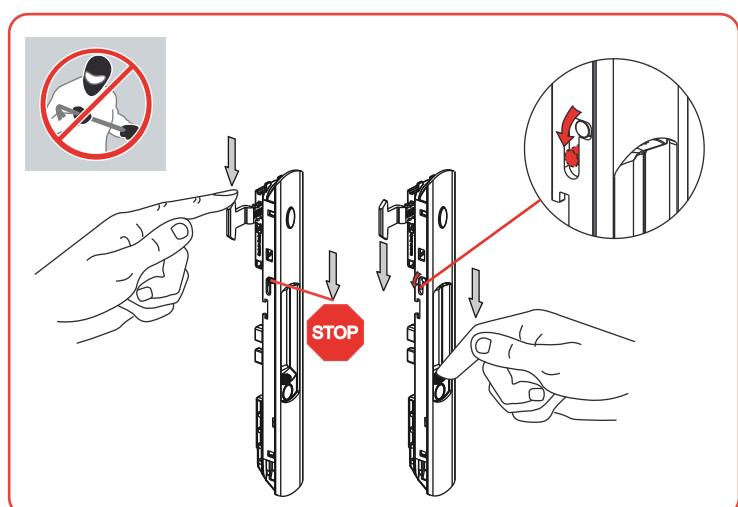
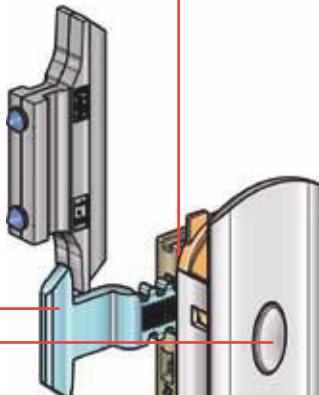
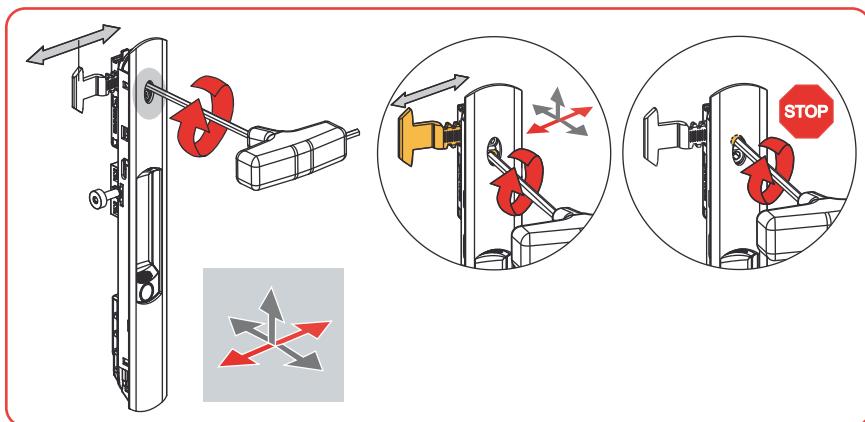


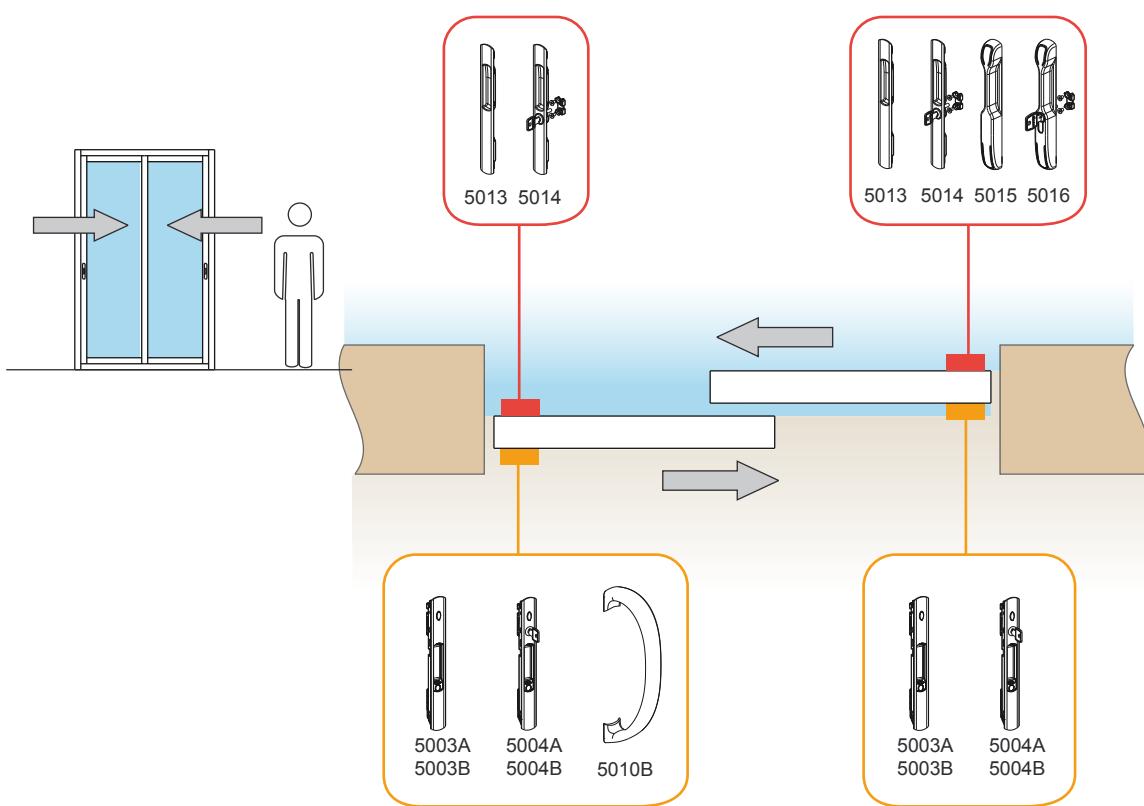
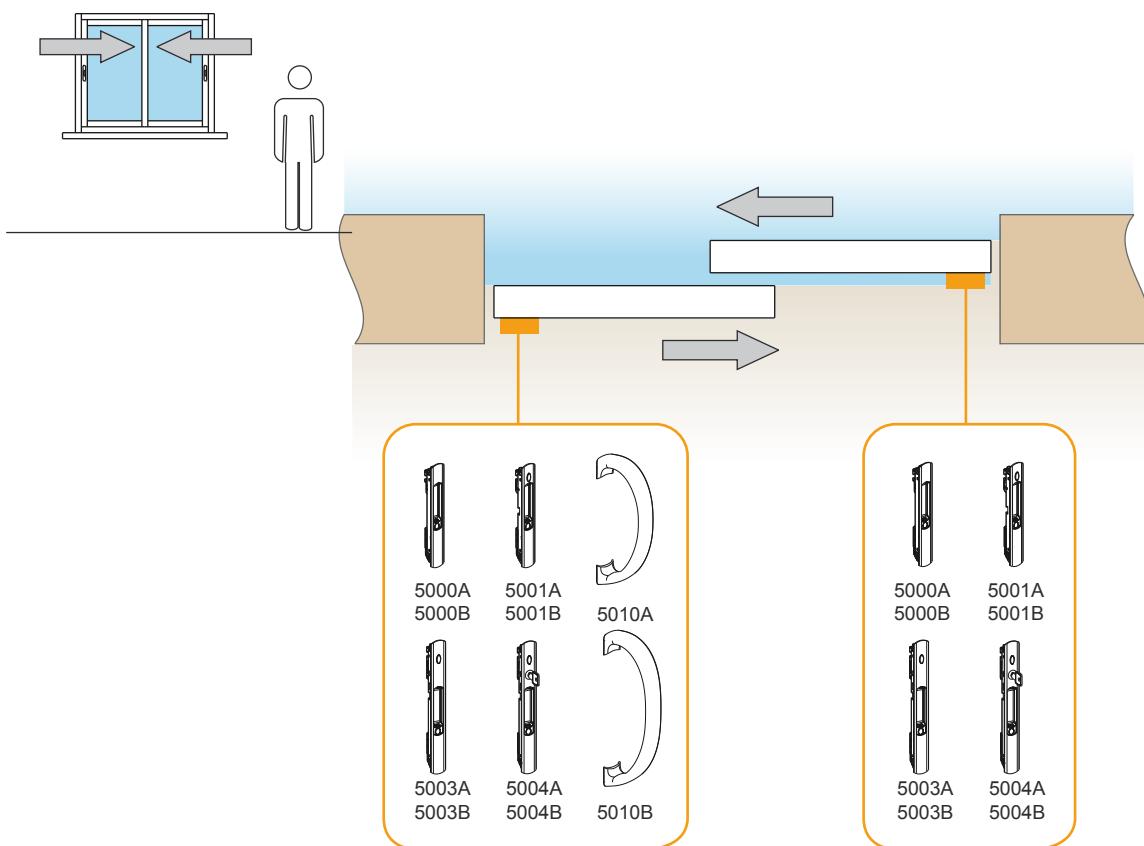
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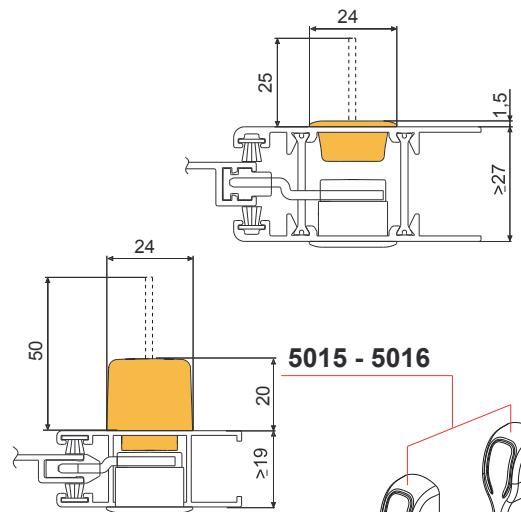
Olé+

Olé Top

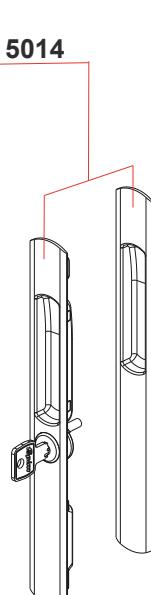




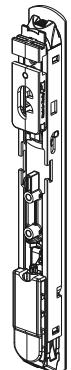
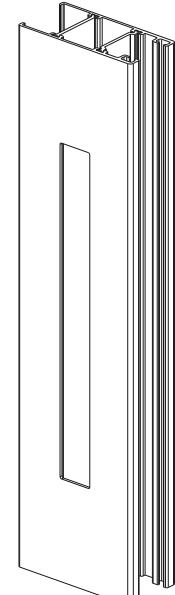
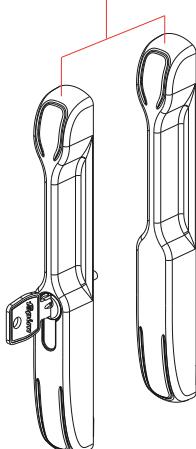




5013 - 5014



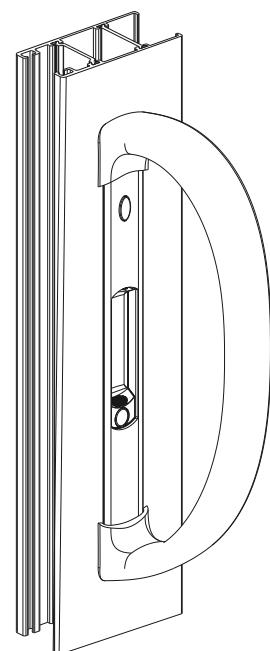
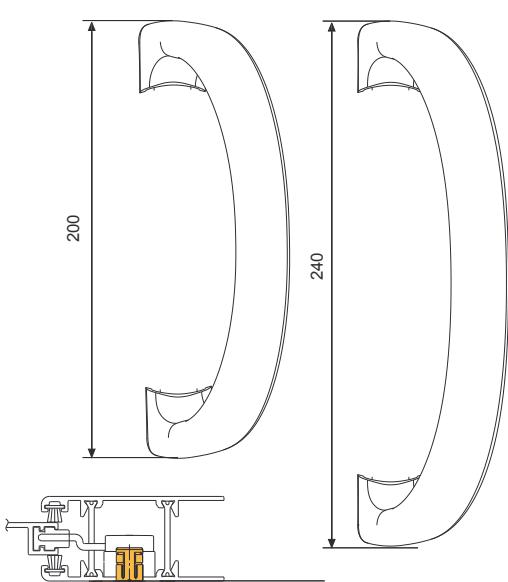
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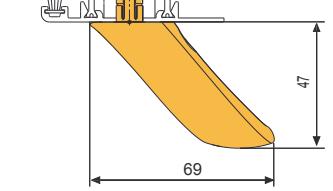
					Ole' Top
5013	●			●	
5014	●	●		●	
5015	●			●	
5016	●	●		●	



5010B

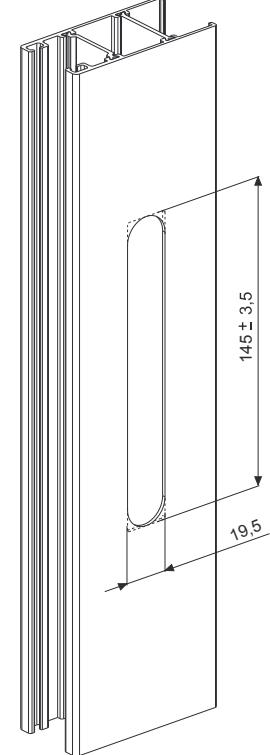
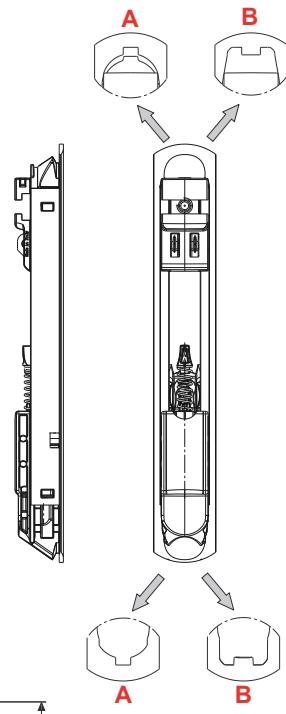
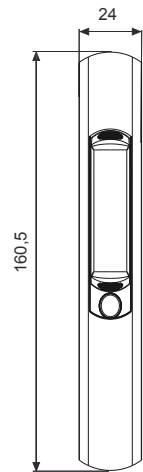
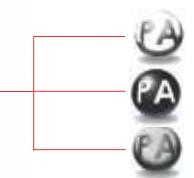


	Ole'	Ole+	Ole' Top
5010A	●	●	
5010B			●

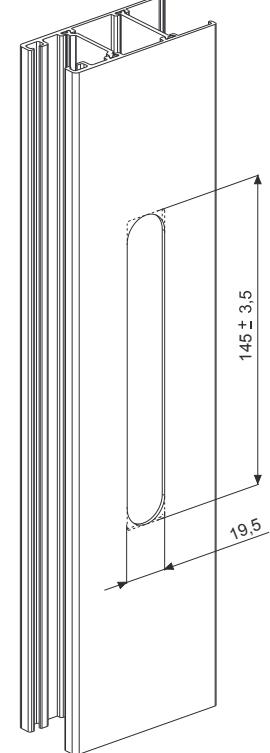
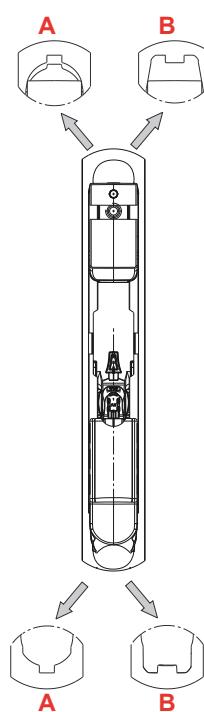
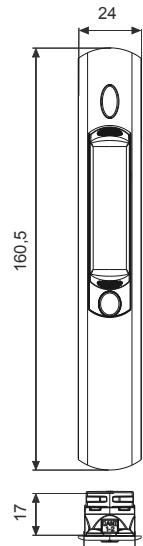


Olé**Olé+****Olé TOP****Olé**

5000AA	●		○
5000AB	●		●
5000AC	●		○
5000BA		●	○
5000BB		●	●
5000BC		●	○

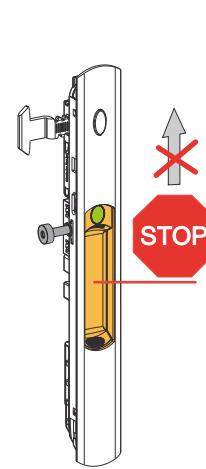
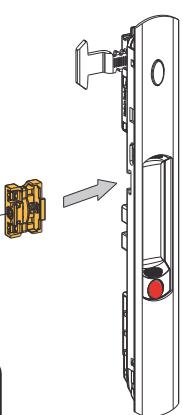
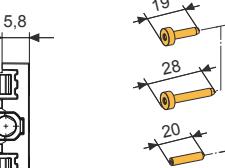
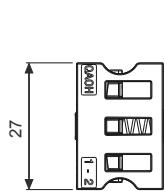
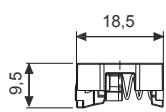
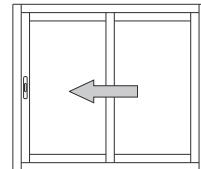
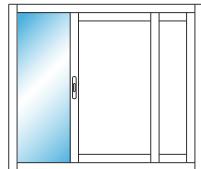
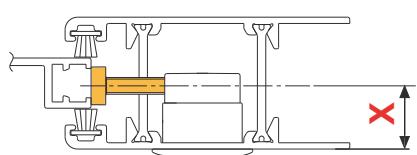
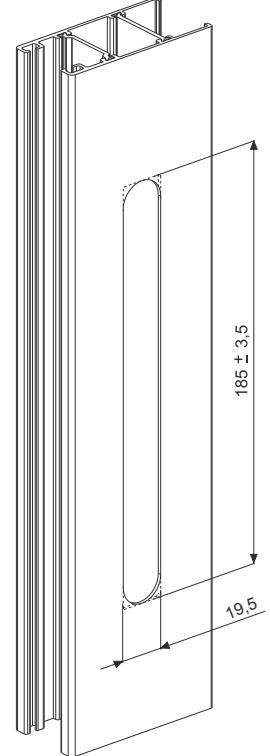
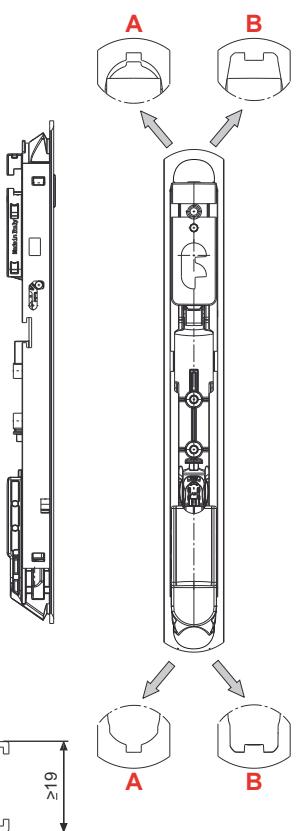
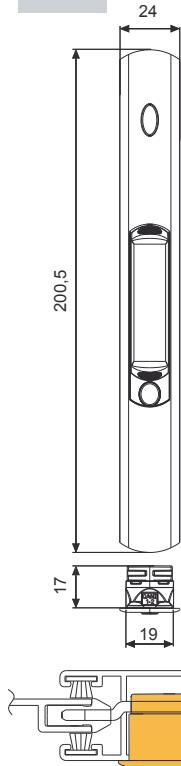
**Olé+**

5001AA	●		○
5001AB	●		●
5001AC	●		○
5001BA		●	○
5001BB		●	●
5001BC		●	○

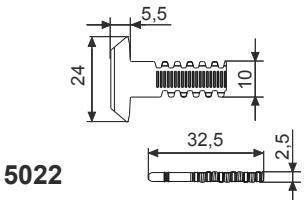
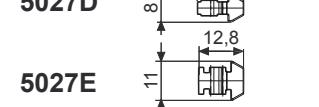
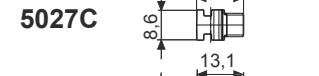
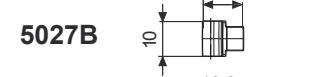
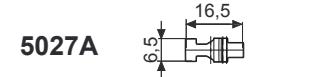
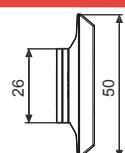
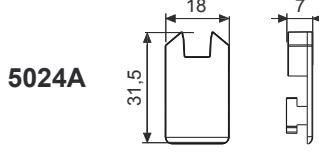
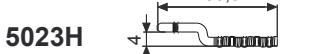
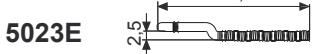
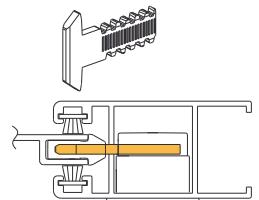
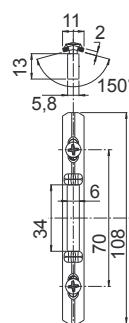
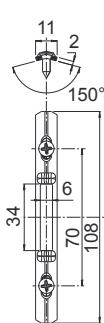
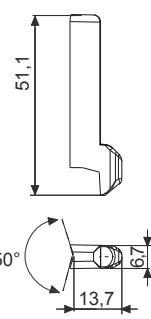
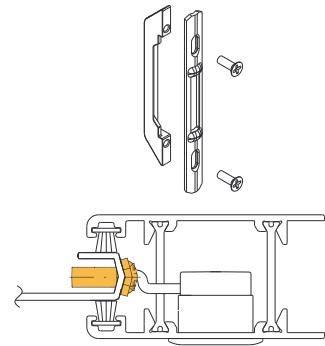
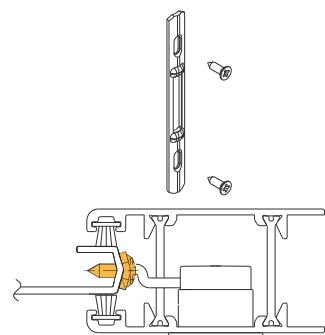
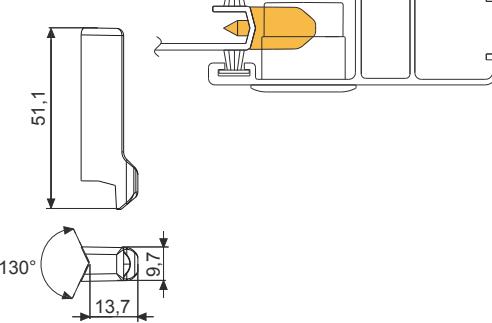
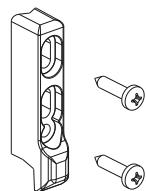
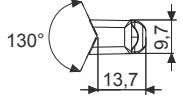




5003AA	●			○
5003AB	●			●
5003AC	●			○
5003BA		●		○
5003BB		●		●
5003BC		●		○
5004AA	●		●	○
5004AB	●		●	●
5004AC	●		●	○
5004BA		●	●	○
5004BB		●	●	●
5004BC		●	●	○



	X			
5020A	12 mm		●	●
5020B	17,5 mm		●	●

Ole' **Ole' +** **Ole' Top**

5022

5028

5029

5030A

5030B


GRUPPO EUROINVEST



FAPIM S.P.A.
VIA DELLE CERBAIE, 114 - 55011 ALTOPASCIO (LU) ITALIA
TEL. +39 0583 2601
FAX +39 0583 25291
WWW.FAPIM.IT
INFO@FAPIM.IT



DOMATIC
WWW.DOMATIC.IT
INFO@DOMATIC.IT



FAPIM BENELUX S.P.R.L.B.V.B.A.
AVENUE RUE ST. ROCH ,17 - 7712 HERSEAU BELGIUM
TEL. +32 56 340548
FAX +32 56 341960
INFO@FAPIMBENELUX.BE



FAPIM HISPANIA S.L.
C/EDISON, ESQ. A. INGENIERO GOICOECHEA
45600 PARCELA, 74 TALAVERA DE LA REINA (ESPAÑA)
TLFN. +34 925 828357
FAX +34 925 841148
ADMINISTRACIÓN@FAPIMHISPANIA.COM
PEDIDOS@FAPIMHISPANIA.COM



FAPIM POLSKA SPZ.O.
J.PILSUDSKIEGO 200
05-270 MARKI - POLONIA
TEL. +48 22781 3797
FAX +48 22781 1022
INFO@FAPIM.PL



FAPIM RU LLC
249010, DOM 33, KIEVSKOE SHOSSE,
OBNINSK, KALUGA REGION
RUSSIAN FEDERATION
TEL. +79 163116480



FAPIM ARGENTINA S.A.
CALLE ERNEST RUTHERFORD Nº 4749
ÁREA DE PROMOCIÓN INDUSTRIAL EL
TRIÁNGULO (1615) GRAND BOURG
PARTIDO DE MALVINAS ARGENTINAS
BUENOS AIRES - ARGENTINA
TEL. PLANTA: (+54) (3327) 453049
FAX PLANTA: (+54) (3327) 442312

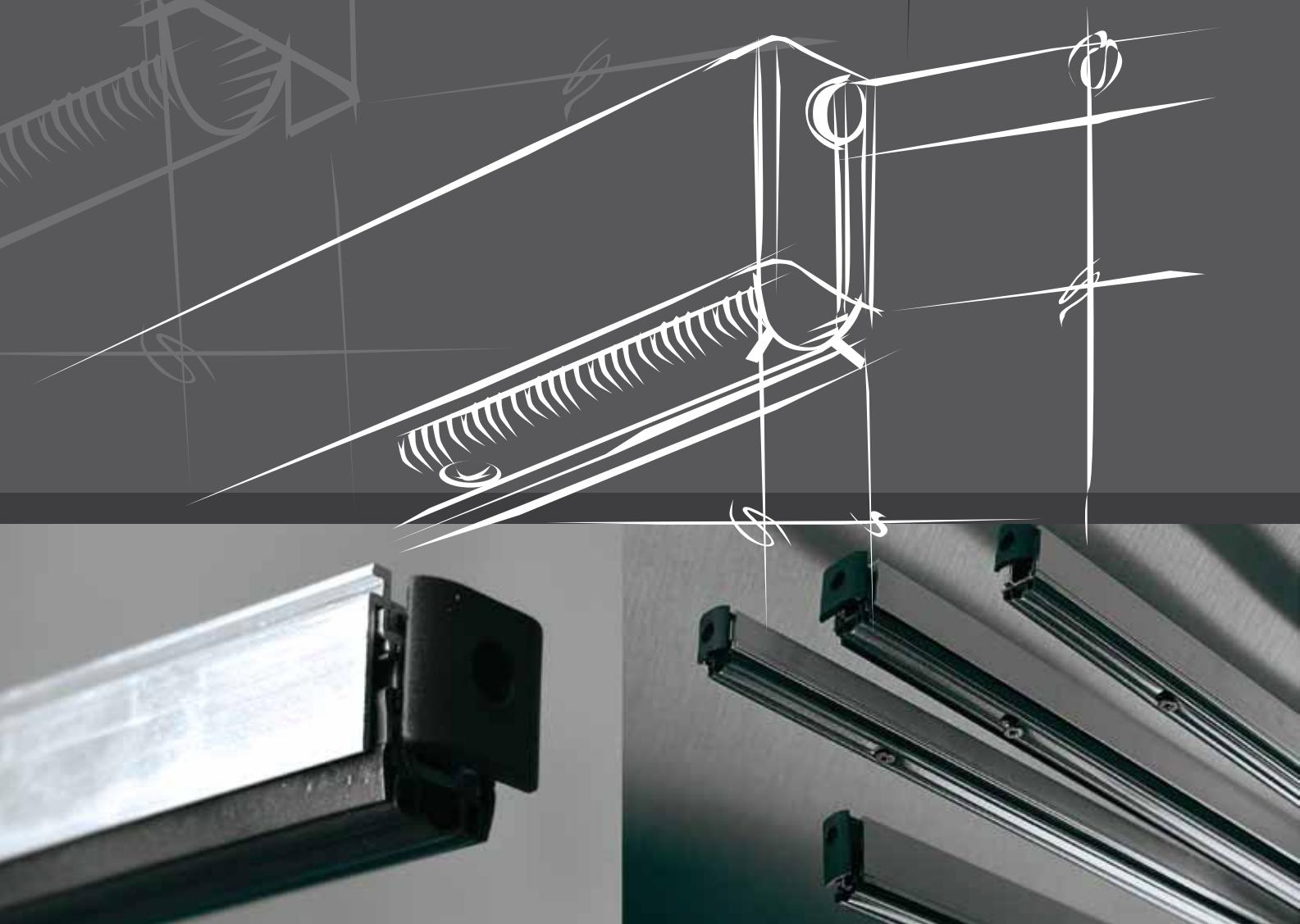


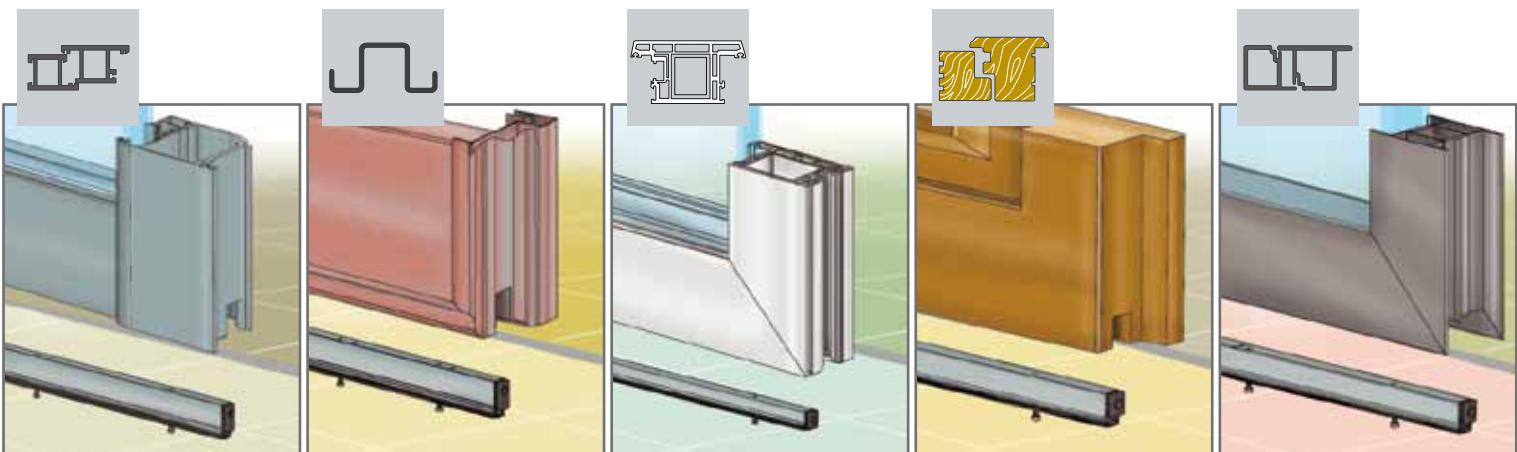
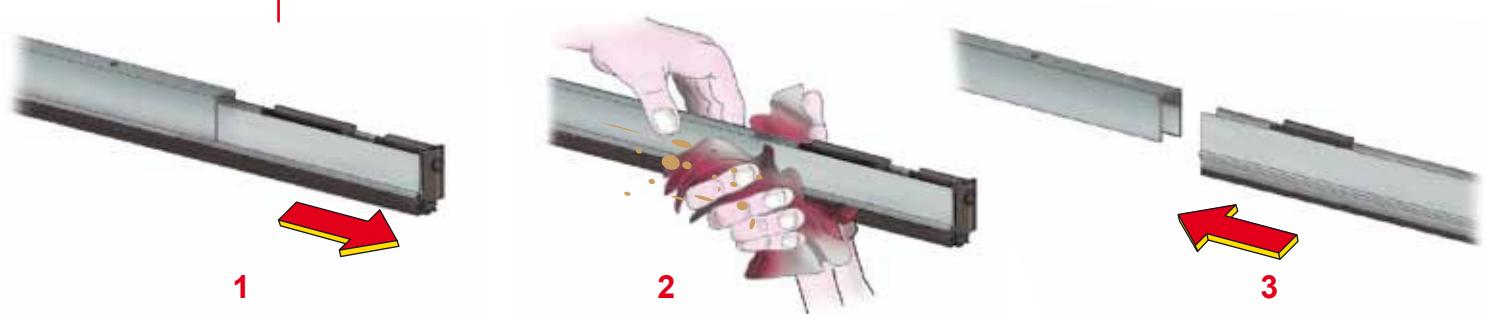
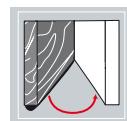
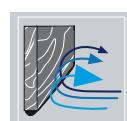
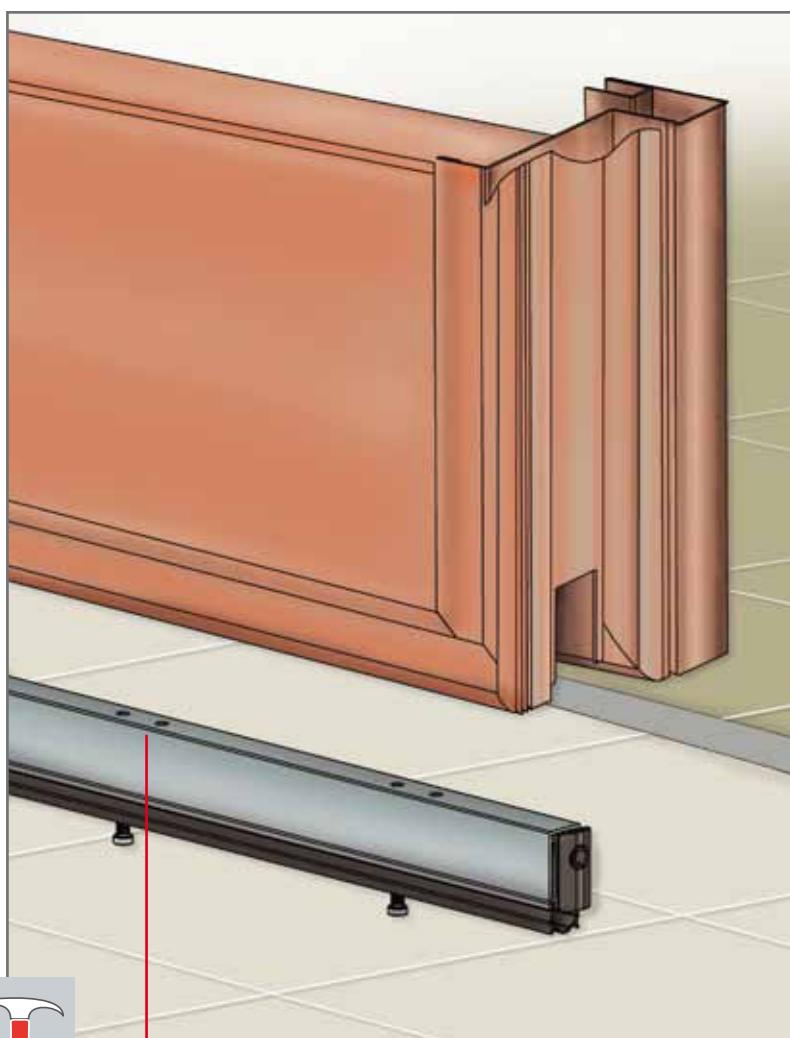
CompactFire

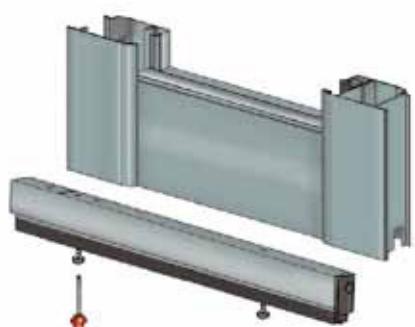
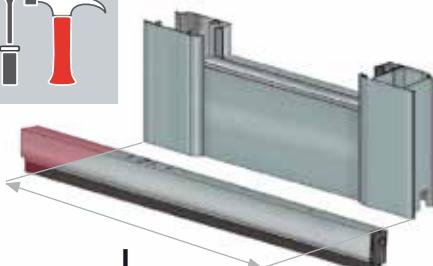
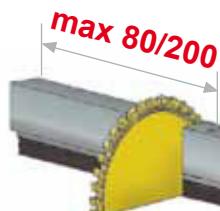
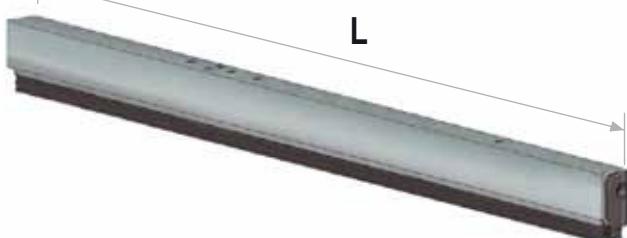
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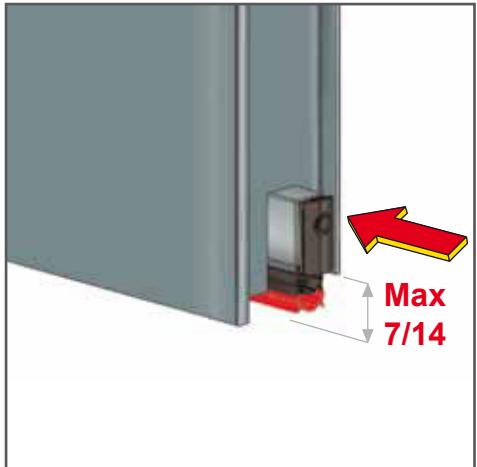
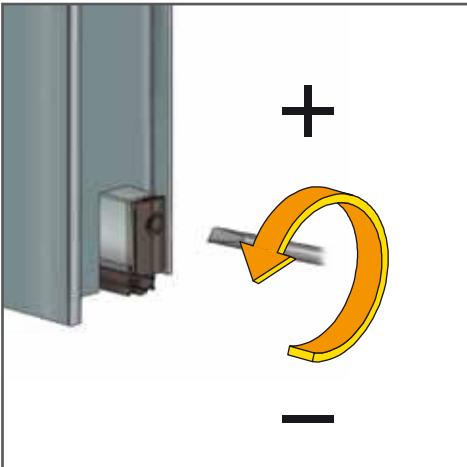
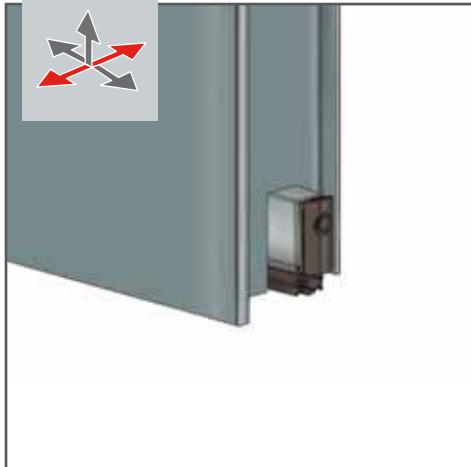
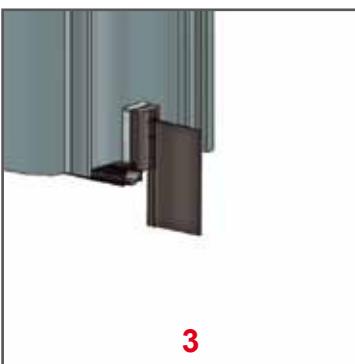
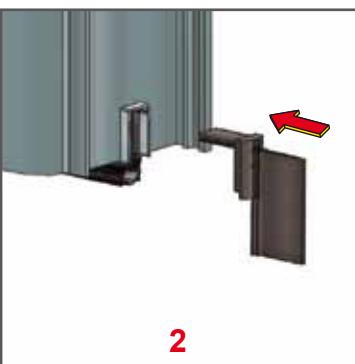
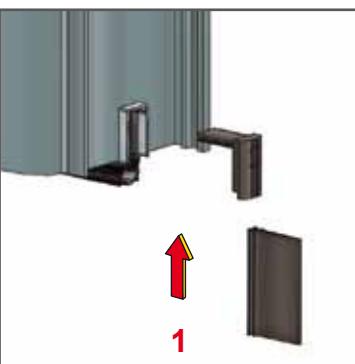
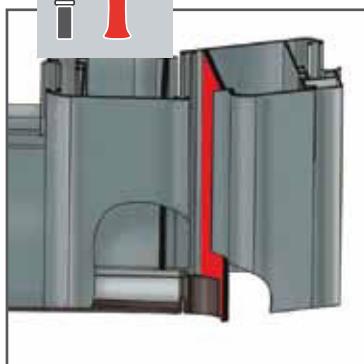




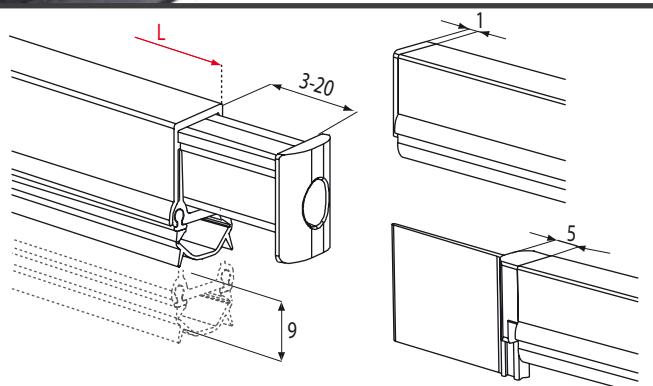
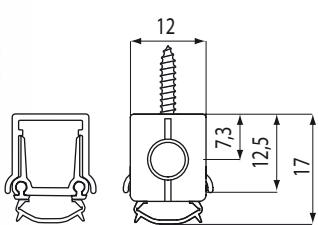
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2

3



DA5004



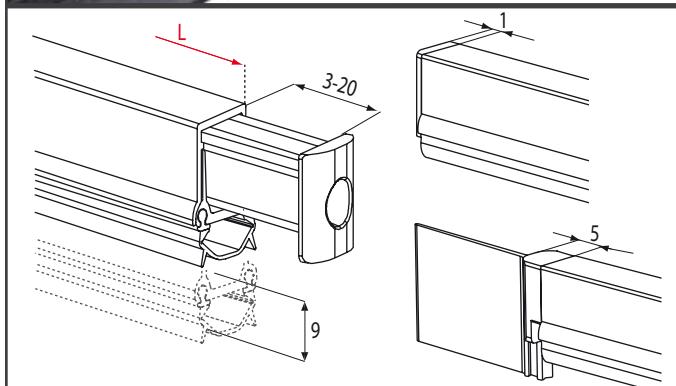
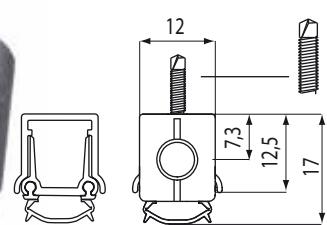
Art.

L



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DA5004040	400	max = 180
DA5004050	500	max = 200
DA5004060	600	max = 200
DA5004070	700	max = 200
DA5004070i	700	max = 200
DA5004080	800	max = 200
DA5004080i	800	max = 200
DA5004090	900	max = 200
DA5004090i	900	max = 200
DA5004100	1000	max = 200
DA5004100i	1000	max = 200
DA5004110	1100	max = 200
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DA5004FR



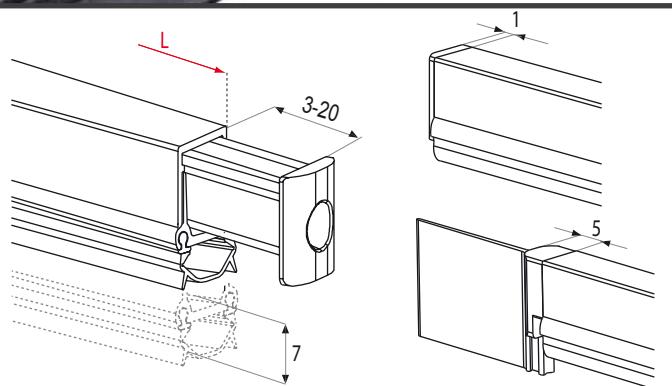
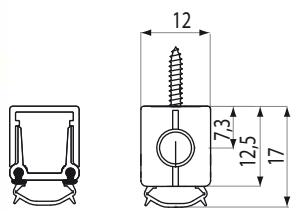
Art.

L



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DA5004060FR	600	max = 200
DA5004070FR	700	max = 200
DA5004070FRi	700	max = 200
DA5004080FR	800	max = 200
DA5004080FRi	800	max = 200
DA5004090FR	900	max = 200
DA5004090FRi	900	max = 200
DA5004100FR	1000	max = 200
DA5004100FRi	1000	max = 200
DA5004110FR	1100	max = 200
DA5004110FRi	1100	max = 200
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DA5054



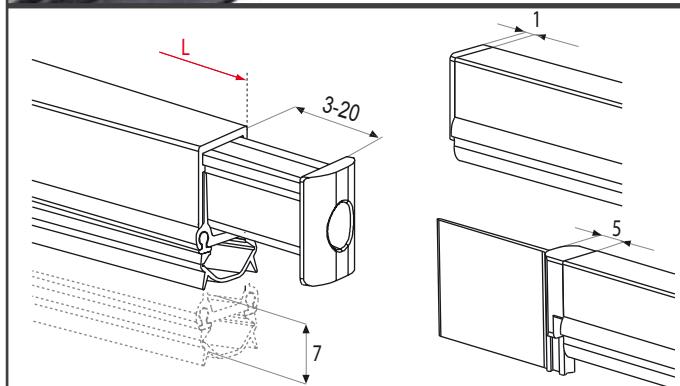
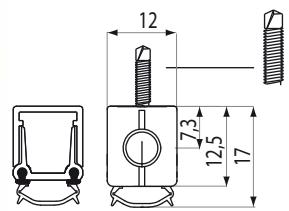
Art.

L



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DA5054040	400	max = 180
DA5054050	500	max = 200
DA5054060	600	max = 200
DA5054070	700	max = 200
DA5054070i	700	max = 200
DA5054080	800	max = 200
DA5054080i	800	max = 200
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DA5054FR



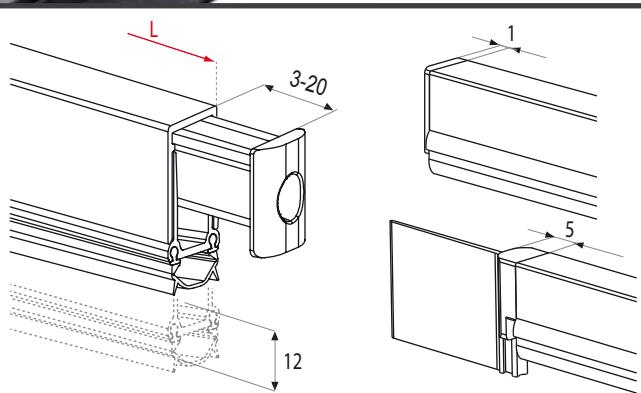
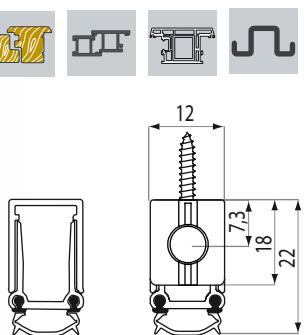
Art.

L



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DA5054060FR	600	max = 200
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DA5054070FRi	700	max = 200
DA5054080FR	800	max = 200
DA5054080FRi	800	max = 200
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DA6004



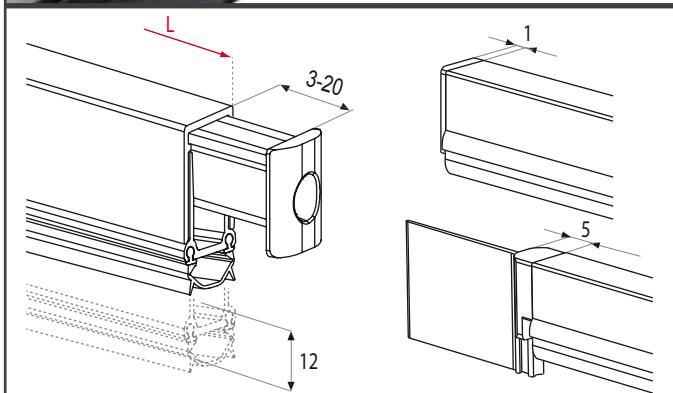
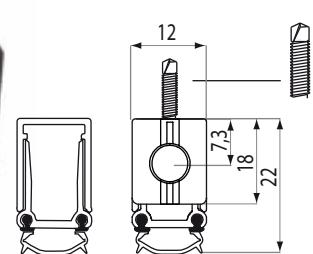
Art.

L



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DA6004080	800	max = 200
DA6004080i	800	max = 200
DA6004090	900	max = 200
DA6004090i	900	max = 200
DA6004100	1000	max = 200
DA6004100i	1000	max = 200
DA6004110	1100	max = 200
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DA6004FR

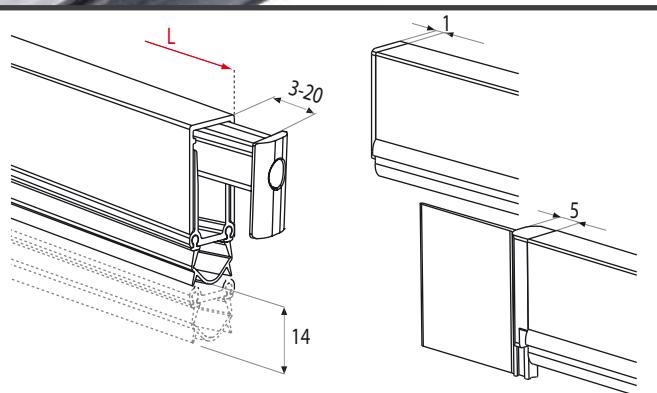
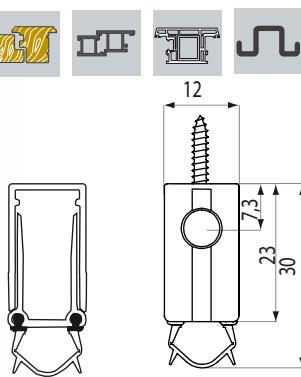


Art.

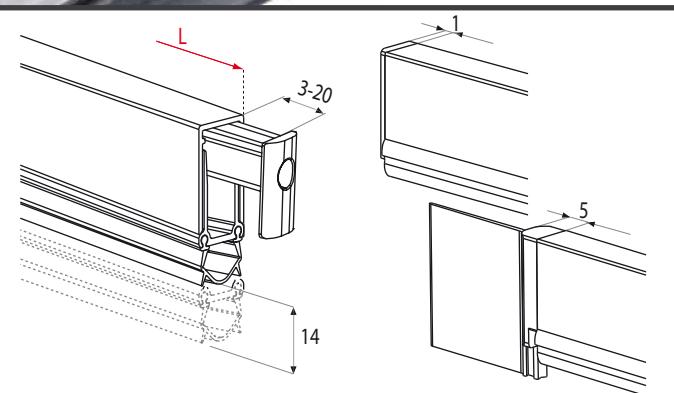
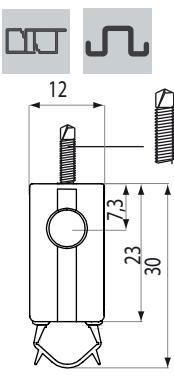
L



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DA6004070FR	700	max = 200
DA6004070FRi	700	max = 200
DA6004080FR	800	max = 200
DA6004080FRi	800	max = 200
DA6004090FR	900	max = 200
DA6004090FRi	900	max = 200
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DA6004100FRi	1000	max = 200
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DA7004

Art.	L	
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DA7004FR

Art.	L	
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DA7004100FRi	1000	max = 200
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DA7004110FRi	1100	max = 200
DA7004120FR	1200	max = 200
DA7004120FRi	1200	max = 200
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FAPIM S.P.A.
VIA DELLE CERBAIE, 114 - 55011 ALTOPASCIO (LU) ITALIA
TEL. +39 0583 2601
FAX +39 0583 25291
WWW.FAPIM.IT
INFO@FAPIM.IT



DOMATIC
WWW.DOMATIC.IT
INFO@DOMATIC.IT



FAPIM BENELUX S.P.R.L.B.V.B.A.
AVENUE RUE ST. ROCH, 17 - 7712 HERSEAU BELGIUM
TEL. +32 56 340548
FAX +32 56 341960
INFO@FAPIMBENELUX.BE



FAPIM HISPANIA S.L.
C/EDISON, ESQ. A. INGENIERO GOICOECHEA
45600 PARCELA, 74 TALAVERA DE LA REINA (ESPAÑA)
TLFN. +34 925 828357
FAX +34 925 841148
ADMINISTRACION@FAPIMHISPANIA.COM
PEDIDOS@FAPIMHISPANIA.COM



FAPIM POLSKA SPZ.O.
J.PILSUDSKIEGO 200
05-270 MARKI - POLONIA
TEL. +48 22781 3797
FAX +48 22781 1022
INFO@FAPIM.PL



FAPIM RU LLC
249010, DOM 33, KIEVSKOE SHOSSE,
OBNINSK, KALUGA REGION
RUSSIAN FEDERATION
TEL. +79 163116480



FAPIM ARGENTINA S.A.
CALLE ERNEST RUTHERFORD Nº 4749
ÁREA DE PROMOCIÓN INDUSTRIAL EL TRIÁNGULO
(1615) GRAND BOURG
PARTIDO DE MALVINAS ARGENTINAS
BUENOS AIRES
ARGENTINA
TEL. PLANTA: (+54) (3327) 453049
FAX PLANTA: (+54) (3327) 442312



STOP ARM WITH SAFETY DEVICE

LIMITE

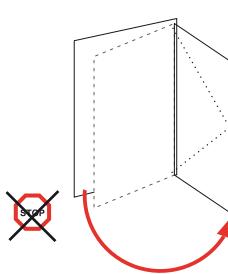
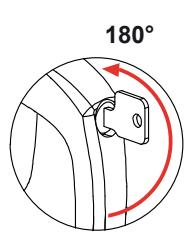
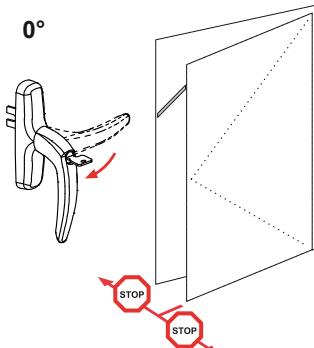
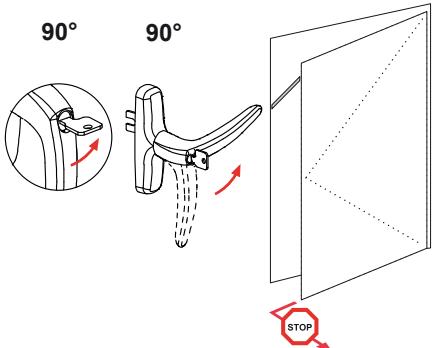
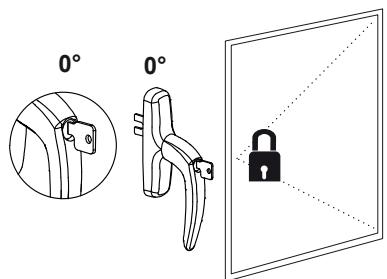
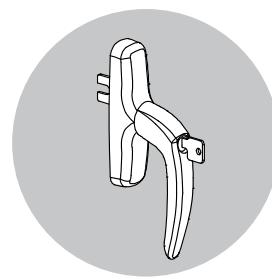
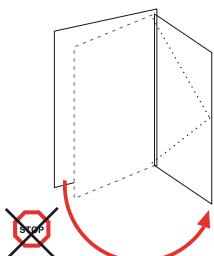
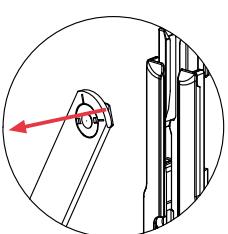
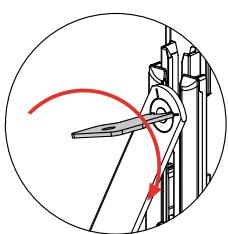
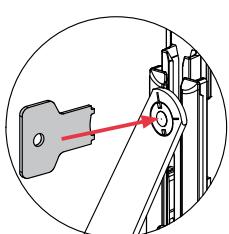
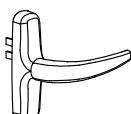
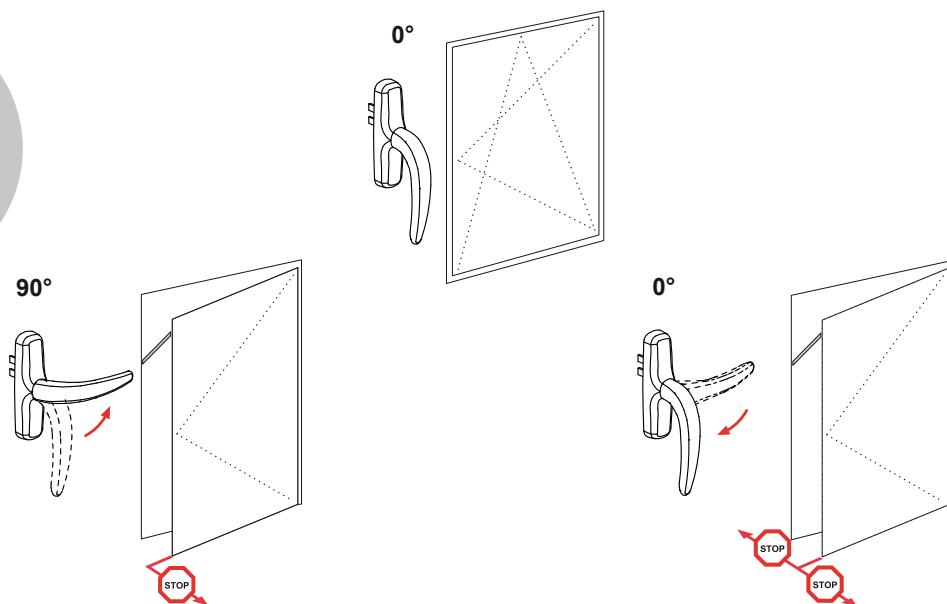
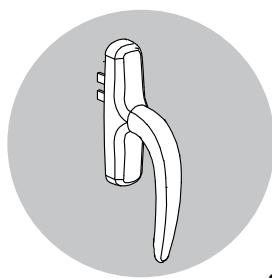


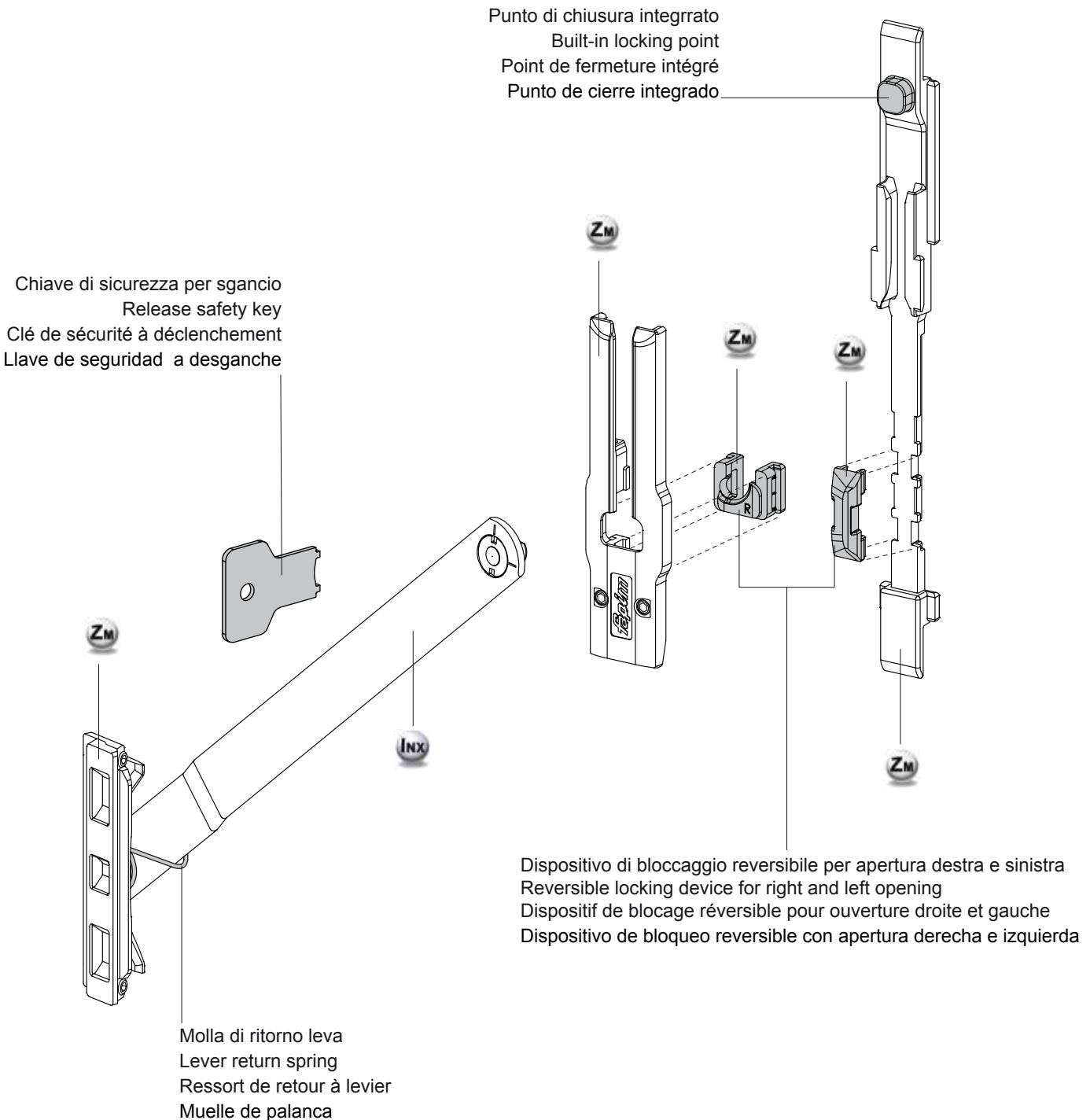
Made in Italy

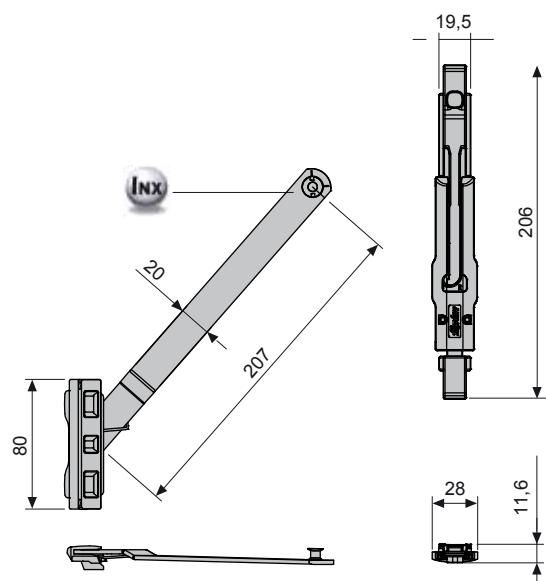
fapim®

Life in evolution

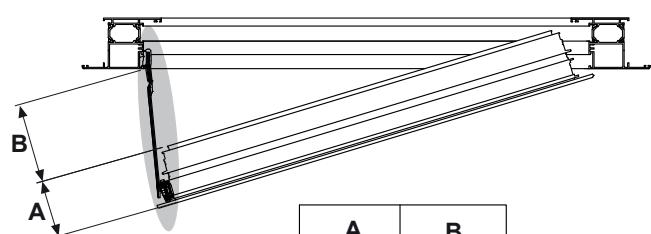
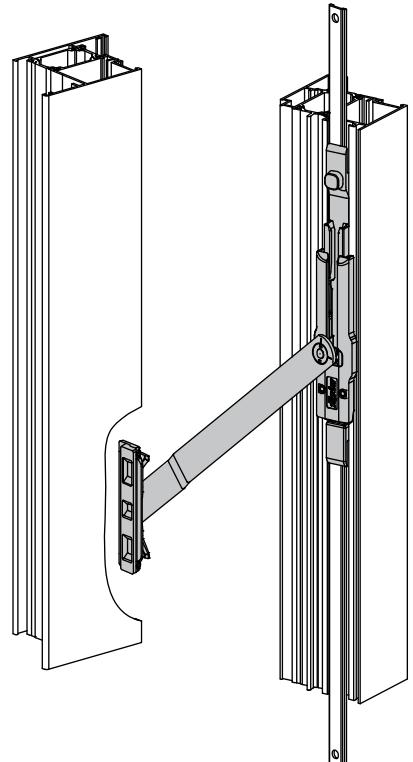
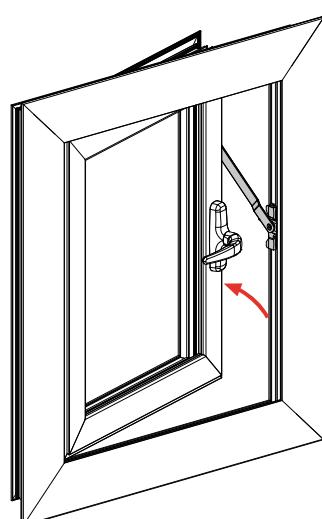
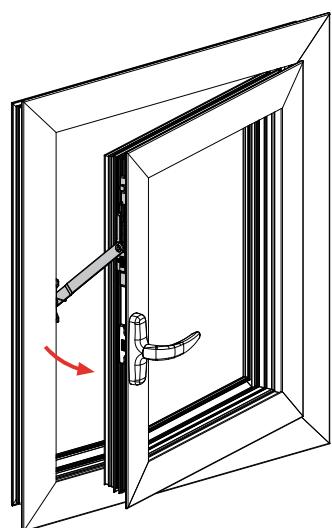
IT EN F ESP



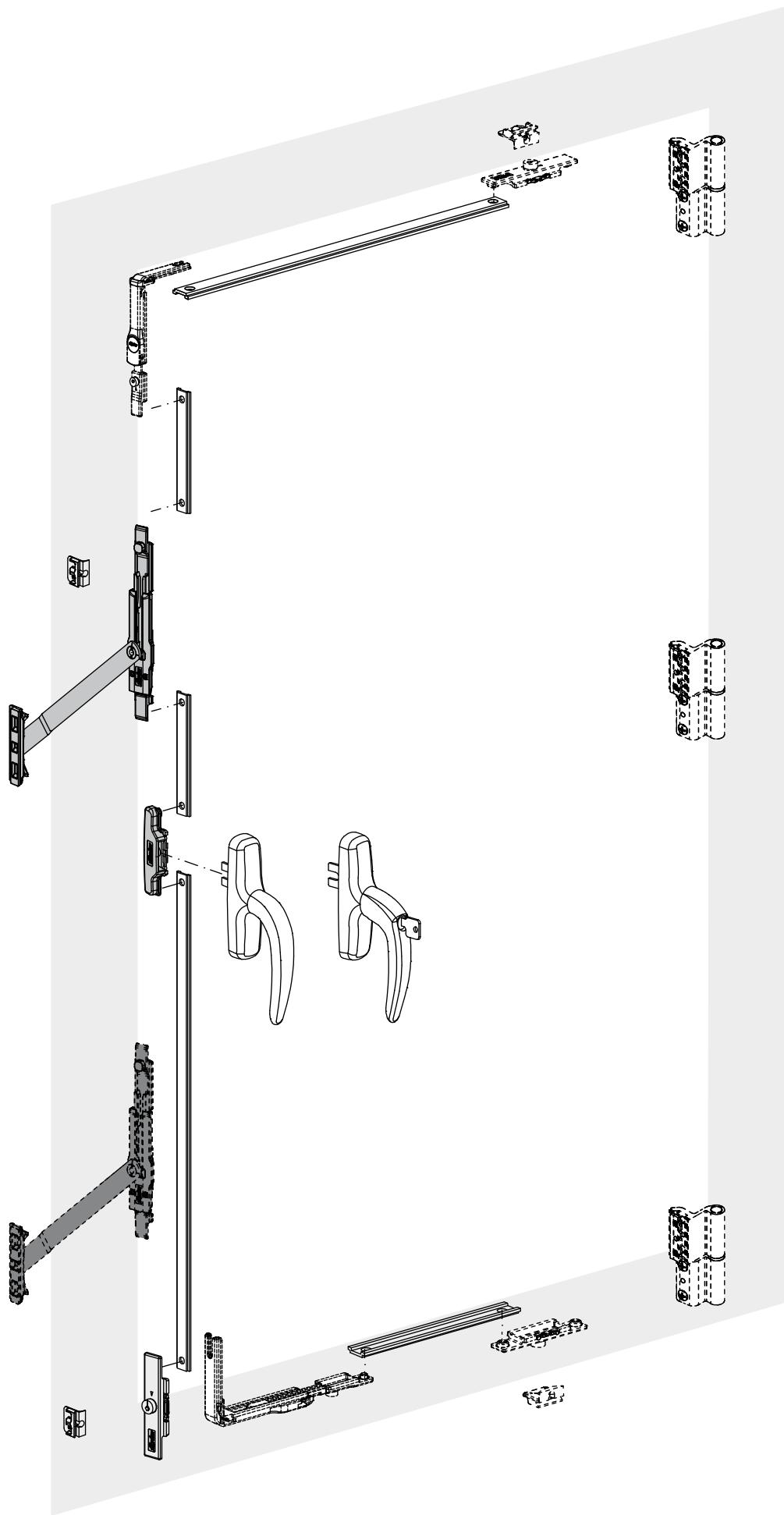




1456		10x14.5 12x15 13.6x16.8 14x18	5
C.E.			



A	B
50	120
60	110
70	100
80	90





Fapim S.p.A.
Via delle Cerbaie, 114
55011 Altopascio (LU) Italy
T +39 0583 2601 F+39 0583 25291
www.fapim.it info@fapim.it
Cod.Fisc. e Part.I.V.A. 02224030466



DOMATIC®
DOMATIC
info@domatic.it www.domatic.it



BENELUX

Fapim Benelux s.pr.l.b.v.b.a.
Avenue Rue St. Roch, 17
7712 Herseaux Belgium
T +32 56 340548
F +32 56 341960
info@fapimbenelux.be



HISPANIA

Fapim Hispania s.L.
C/edison, esq. A. Ingeniero
Goicoechea 45600
Parcela, 74
Talavera De la Reina (Espana)
T +34 925 828357
F +34 925 841148
administracion@fapimhispania.com
pedidos@fapimhispania.com



POLSKA

Fapim Polska sp. z o.o.
ul.Przyrzecze 4 03-107
WarszawaNIP : 536-16-29-437
T +48 227813797
F +48 227811022
Gsm 609022972



RUSSIA

Fapim RU llc
249010, Dom 33, Kievskoe Shosse,
Obninsk, Kaluga Region
Russian Federation
T +79 163116480



ARGENTINA

Fapim Argentina S.A.
Buschiazzo N° 347
(1611) Don Torcuato
Partido de Tigre
Buenos Aires - Argentina
T +54 (11) 48463545

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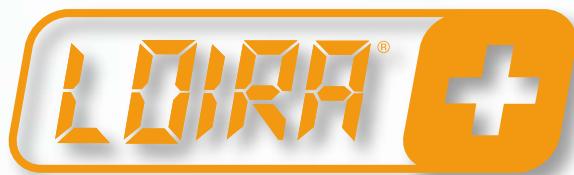


CE 0333
EN 1935:02



COBRA® +
G B F D N L R S

nte stala ewolucja Ησυνεχής εξέλιξη evoluzione costante constant evolution evolution constante constante evolu-



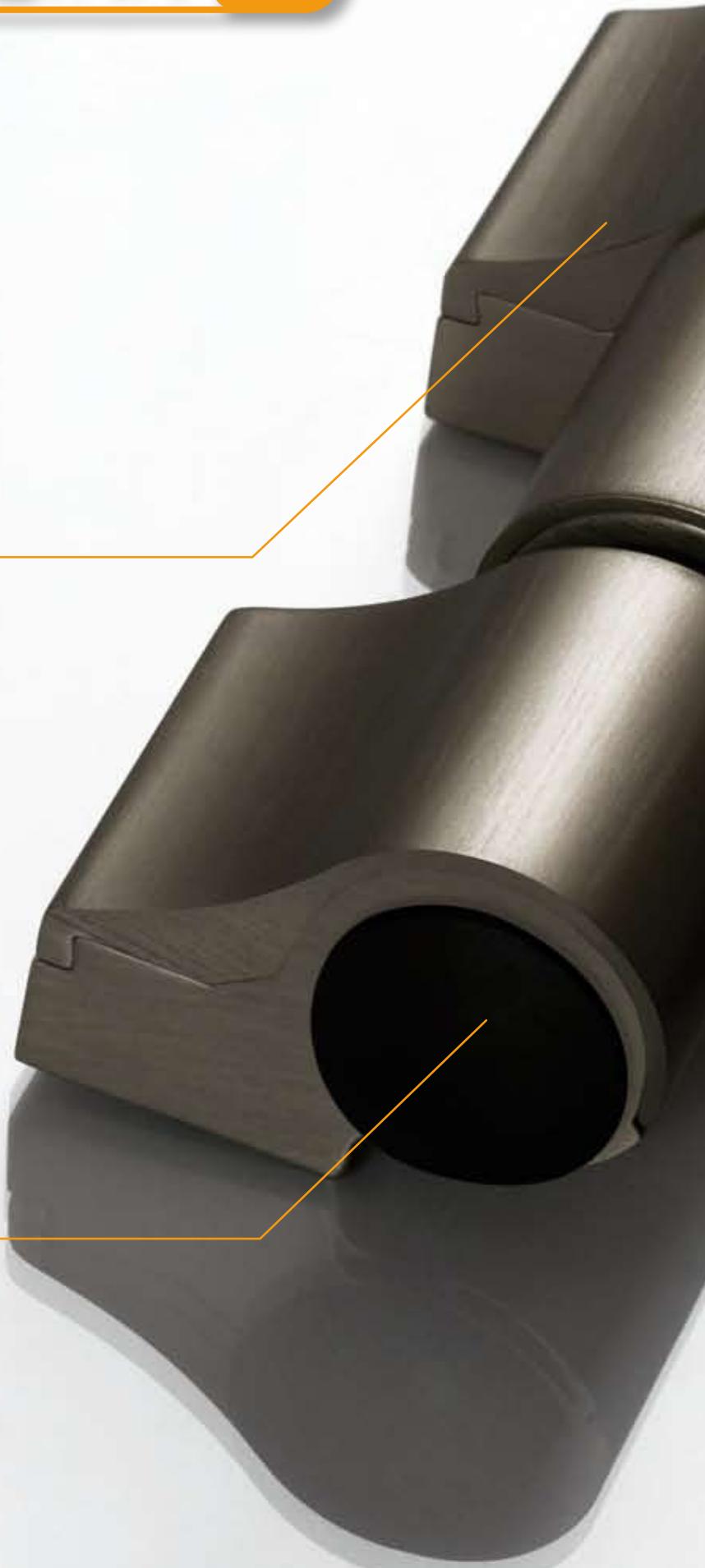
nicer, its **smooth and straight lined** shape suits modern design requirements

belle, grâce à ses **lignes souples et particulières** en grade de satisfaire les demandes du design moderne.

schön, dank der **fließenden Linien**, erfüllt die Anforderungen des modernen Design.

mooi, dank der **vloeiente lijnen** beantwoordt deze aan de eisen gesteld door de moderne design.

кроме всего прочего - прекрасна, благодаря мягким и обтекаемым линиям, способна удовлетворить самым взыскательным требованиям к дизайну



easier easy assembly and quick micrometric adjustment in the three directions, to be carried out when the door is in **the closed position**

facile le montage et rapide le réglage micro-métrique en trois directions, à effectuer **à porte fermée**

einfache Installation und schnelle Abstellung in den drei Richtungen, aus zu **führen mit geschlossener Tür**.

eenenvoudige montage en vlugge afstelling in de drie richtingen, uit te voeren **met gesloten deur**

кроме всего прочего - легкий монтаж и быстрая микрометрическая регулировка по 3 направлениям, которые выполняются **при закрытой двери**.



clomplete, thanks to the many fastening kits available that make it suitable to all needs

complète, grâce aux plusieurs kit de fixation, apte à tous besoins.

komplett, dank verschiedenen Einbau-Kitts für alle Situationen

volledig, dank zijn verschillende bevestiging-skits, aangepast aan alle situaties.

кроме всего прочего – большая гамма по комплектности, благодаря наличию многочисленных крепежных комплектов, для любого случая



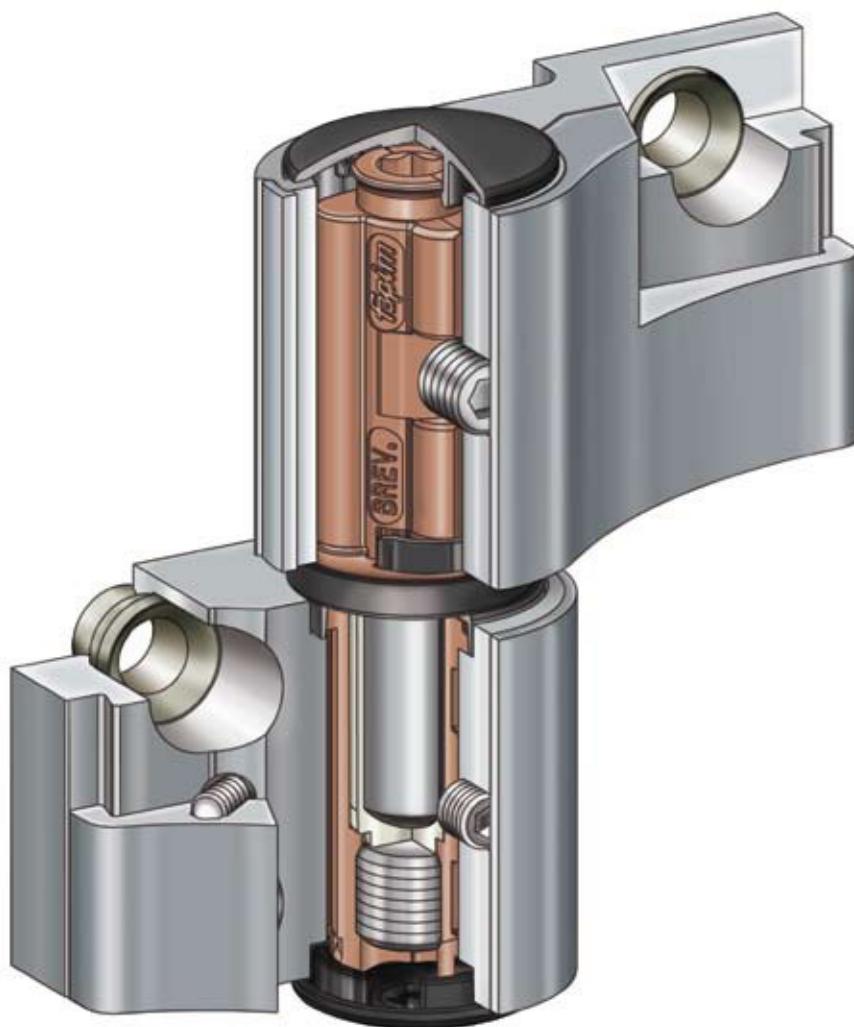
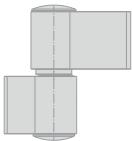
safe and **extremely strong**, it is CE , EN 1935:02 and SKG anti-theft ENV 1627 certified

sûr et **très robuste**, certifiée CE EN 1935:02 et antieffraction SKG ENV 1627

sicher und **sehr robust**, CE EN 1935:02-zertifiziert und Einbruchhemmend SKG ENV 1627-zertifiziert

zeker en **zeer stevig**, CE EN 1935:02 en inbraakwerend SKG ENV 1627 gecertificeerd

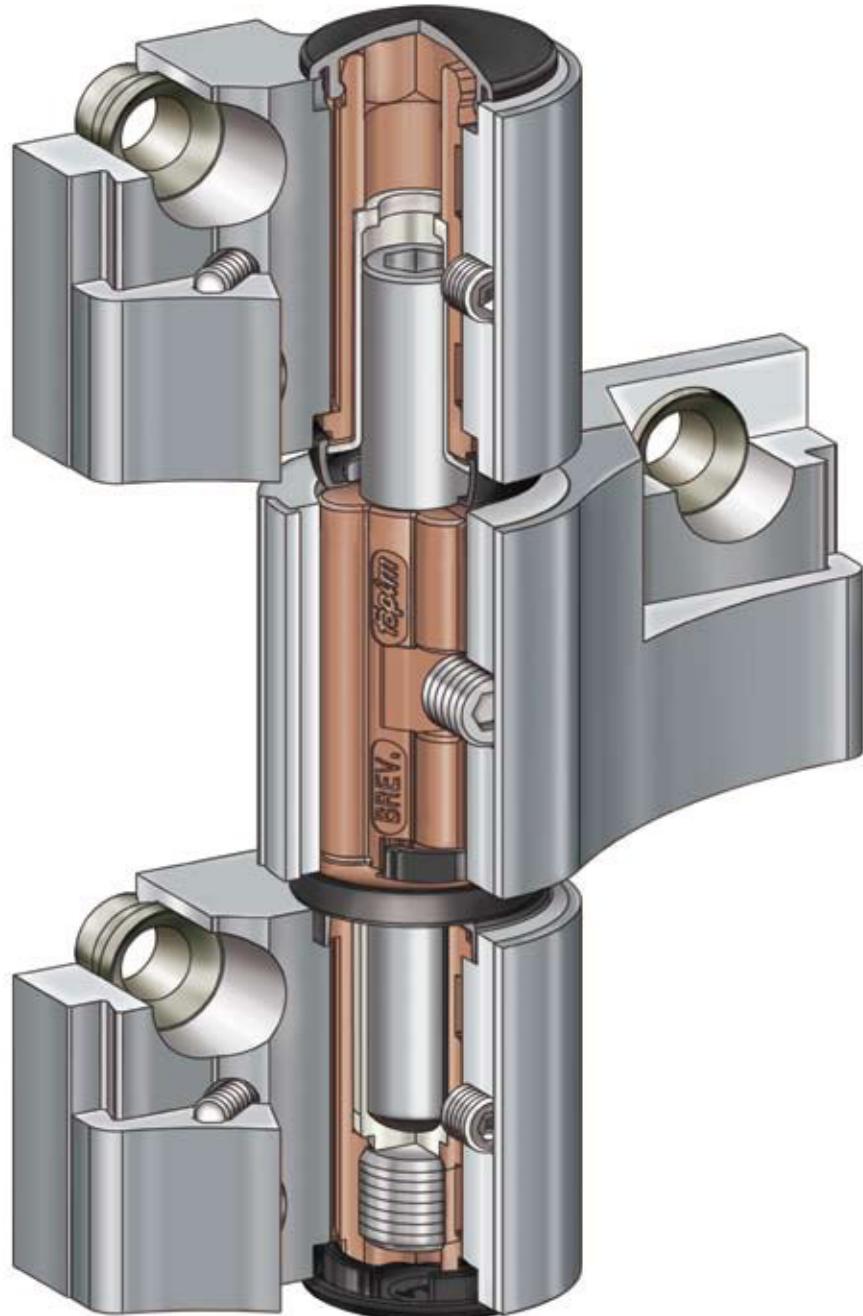
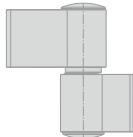
кроме всего прочего - противовзломная, крайне прочная, имеет EN 1935:02 сертификат SKG ENV 1627 Европейского союза



Loira+ is the two and three-leaf door hinge range totally renewed in design, **with advanced know-how and patented**, combining the advantages of the old versions with an increased ease of use, especially with regard to assembly and adjusting. Loira+ has three adjustment possibilities: horizontal, vertical and in pressure of the gasket; each adjustment is independent from the others and can be carried out when the door is in the closed **position and by an operator only**. The new hinge range is totally compatible with all the accessories already available for the previous Loira and Loira Top versions. The new fastening kit with special self-threaded screws has been added to increase the range; it can be used on thermal break profiles. Loira+, manufactured from extruded aluminium profiles, is available in a number of finishings and it is CE, EN 1935:02 and SKG anti-theft ENV 1627 certified.

Loira+ est la nouvelle gamme de paumeilles de porte, à deux et trois lames, totalement renouvelée dans le design, ayant un **know-how** particulier et recouverte par des brevets ; elle met ensemble les avantages des versions du passé à une plus facile utilisation et surtout au niveau du montage et d réglage. Loira+ est équipée de trois réglages : en horizontal, en vertical et en pression du joint, chaque un indépendant par rapport aux autres et à effectuer toujours à porte fermée et **par un seul opérateur**. La nouvelle gamme de paumeilles est totalement compatible avec tous les accessoires déjà réalisés dans les précédentes gammes Loira et Loira Top. Pour développer la gamme un nouveau kit de fixation a été rendu disponible, il porte des vis-taraud spéciales et utilisables sur le profil à coupe thermique. Loira + est réalisée par des profils en aluminium extrudé, disponible en chaque type de finition et certifiée CE EN 1935:02 et antieffraction SKG ENV 1627.

Loira+ ist die neue Serie von Türscharnieren, zwei- und dreiteilig, mit komplett neuen Design, mit einem besonderen **Know-how** und durch Patente geschützt; es verbessert die Vorteile der Versionen aus der Vergangenheit bis eine einfache Verarbeitung, vor allem im Hinblick auf die Montage und die Verstellung. Loira + hat mit drei Verstellungen: Horizontalverstellung, Höhenverstellung und Verstellung der Dichtungsdruck, unabhängig von jeder anderen und immer mit geschlossenen Tür und **nur durch ein Techniker** aus zu führen. Die neue Serie von Bänder ist voll kompatibel mit allen Zubehör der vorherigen Serien Loira und Loira Top. Für die Serie weiter zu entwickeln wird eines neuen Montage-Kitt verfügbar gestellt mit spezielle Ankerschrauben zu verwenden mit Profile mit thermischen Unterbrechung. Loira + wird produziert aus stranggepressten Aluminiumprofilen, verfügbar in jeder Oberfläche Ausführung und CE EN 1935:02 -zertifiziert und Einbruchhemmend SKG ENV 1627 -zertifiziert.



Loira+ is de nieuwe reeks deurscharnieren, twee- en driedelig, met volledig vernieuwde design, met een bijzondere **knowhow** en afgeschermd door brevetten ; ze verbetert de voordelen van de versies uit het verleden tot een eenvoudigere verwerking, voornamelijk op het vlak van de montage en de afstelling. Loira+ is voorzien van drie afstellingen: horizontaal, verticaal en in de diepte, ieder onafhankelijk van de andere en steeds uit te voeren met gesloten deur en **door slechts één monteur**. De nieuwe reeks scharnieren is volledig compatibel met alle toebehoren van de vroegere reeksen Loira en Loira Top. Om de reeks verder te ontwikkelen wordt een nieuwe bevestigingskit ter beschikking gesteld met speciale ankerschroeven te gebruiken op profielen met thermische onderbreking. Loira+ wordt geproduceerd op basis van extrusie aluminium profielen, beschikbaar in ieder type afwerking en gecertificeerd CE EN 1935:02 en inbraakwerend SKG ENV 1627.

Loira+ – это Плюс новая гамма дверных петель: двух и трех секционные, абсолютно обновленный дизайн, **современные и запатентованные ноу-хай**, сочетающие все превосходства предыдущих версий в простоте использования, главным образом в монтаже и регулировках. Loira+ – это Плюс 3 регулировки: горизонтальная, вертикальная и на прижим, каждая из которых независима друг от друга, а также конструкция петли всегда обеспечивает выполнение **регулировок при закрытой двери одним монтажником**. Новая линейка петель абсолютно совместима со всеми аксессуарами, реализованными к предыдущим версиям Loira и Loira Top. Расширение существующей гаммы крепежа, новым, дополнительным крепежным набором со специальными самонарезающими винтами (анкерными). Этот набор можно использовать и для дверей, изготовленных из профилей с термоставками. Loira+ – Плюс изготовлена из экструдированного профиля, возможна любая окраска с сертификатом СЕ и EN 1935:02 имеется сертификат SKG ENV 1627.



Tested up to 160 Kg – 1.000.000 cycles
Testée jusqu'à 160 Kg – 1.000.000 cycles
Getestet für 160 kg – 1.000.000 Zyklen
Getest 160 Kg – 1.000.000 cyclusen
Протестирована на 160 кг -1.000.000 циклов

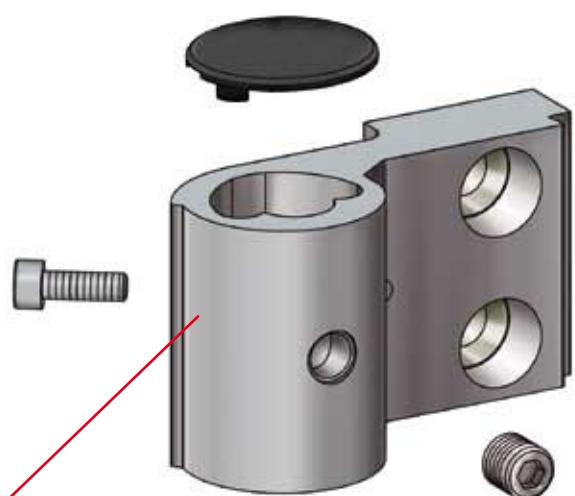
Body in extruded aluminium.

Corps de aluminium extrudé

Bandteil in strangpress Aluminium

Lichaam in extrusie aluminium

Корпус из экструдированного алюминия.



Bush in zamak, pre-assembled on rectified stainless steel pin.

Douille de zamak, pré-montée sur l'axe en acier inox rectifiée

Zamak Buchse, vormontiert auf der rektifiziertem Edelstahlbolze mit

Zamak bus, voorgemonteerd op de gerechteerde roestvrij stalen as met diameter

Втулка из металлического сплава, в нее уже установлена высокоточная ось из нержавеющей стали.



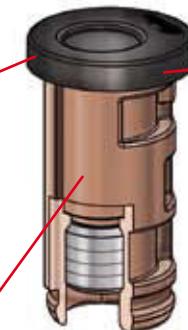
Anti-theft system.

Système antieffraction

Einbruchhemmend system

Inbraakwerend systeem

Противовзломные функции.



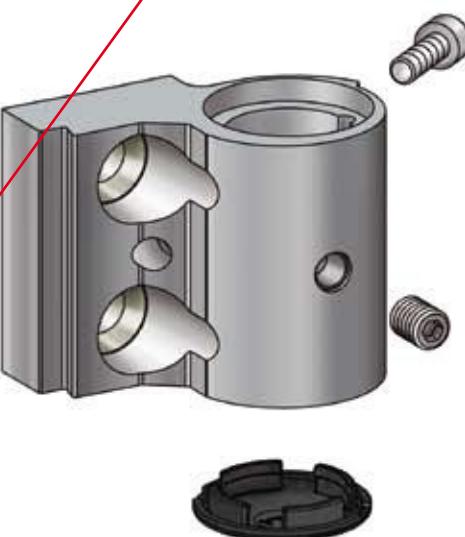
Bush in zamak, with Delrin anti-friction device.

Douille de zamak avec insert en Delrin antieffraction.

Zamak-Buchse mit Reibungshemmende Komponenten in Delrin

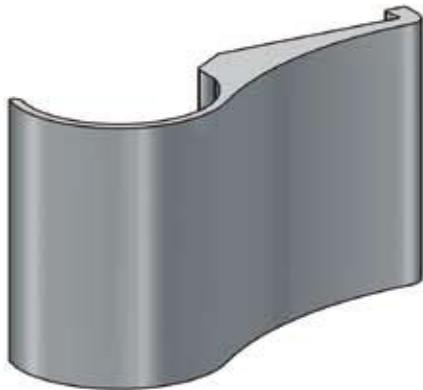
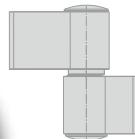
Zamak bus met wrijvingloze componenten in Delrin.

Втулка из металлического сплава со вставкой из Delrin, имеющая антифрикционные свойства.





Micrometric adjustment in the three directions, when the door is in the closed position.
 Réglage micrométrique à porte fermée dans les trois directions.
 Mikrometrischen Verstellung in drei Richtungen mit geschlossenen Tür.
 Micrometrische afstelling in de drie richtingen met gesloten deur.
 Микрометрическая регулировки по трем направлениям.



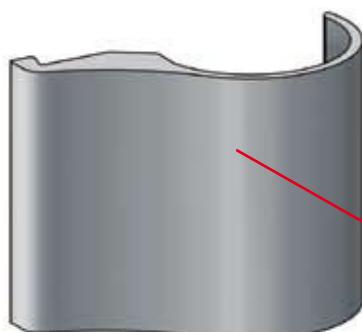
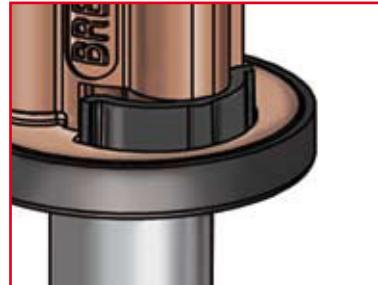
Pre-positioning device in nylon.

Dispositif de nylon de pré-positionnement.

Positionierung durch Nylon Gerät

Voorpositionering door middel van nylon inrichting

Установлено пластиковое кольцо, определяющее нулевое положение регулировок.



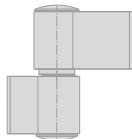
Snap-in screw cover plates in extruded aluminium.

Plaques couvre vis à déclenchement en aluminium extrudé

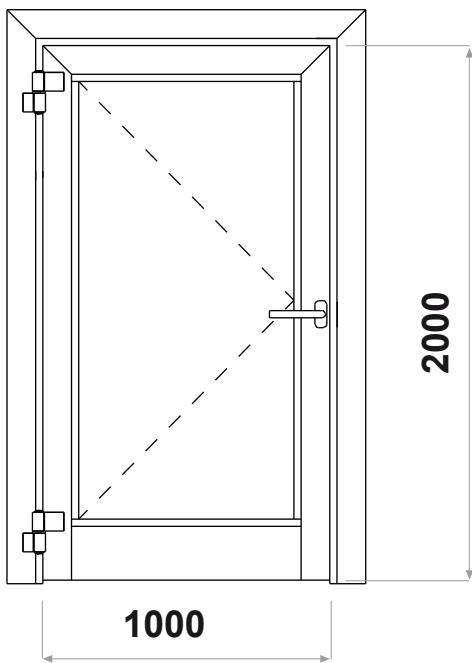
Klick Abdeckstück in strangpress Aluminium

Klik schroefafdekplaten in extrusie aluminium

Защелкивающиеся наружные крышки выполнены из экструдированного алюминия.



**CE 0333
EN 1935:02**



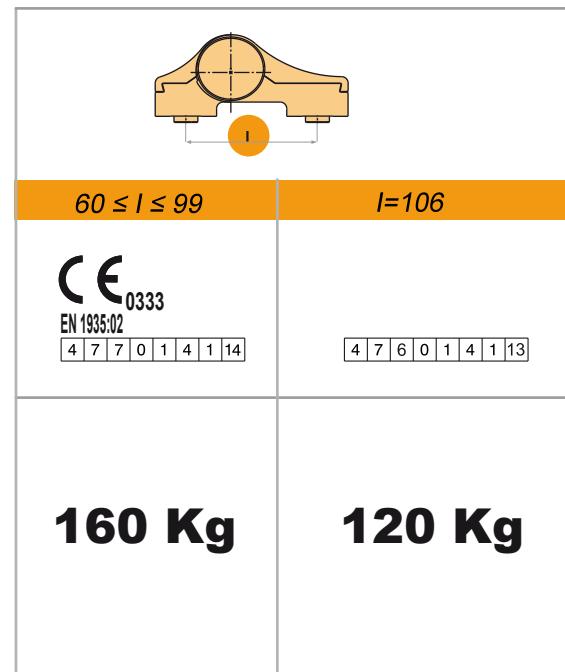
If the door size is either bigger or smaller than the requirement set forth by the standard, or if the door is intended for use in combination with doorstop mechanisms, please contact us for any possible increase or decrease of the maximum allowed capacity.

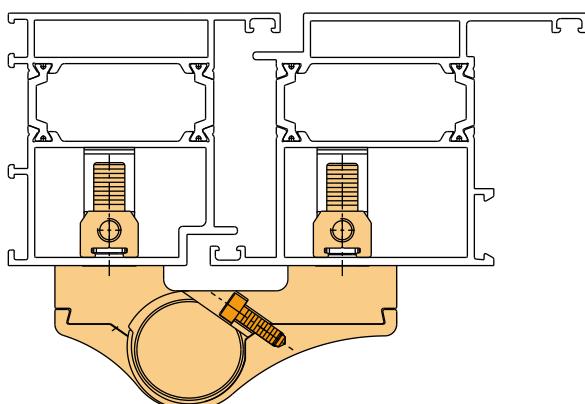
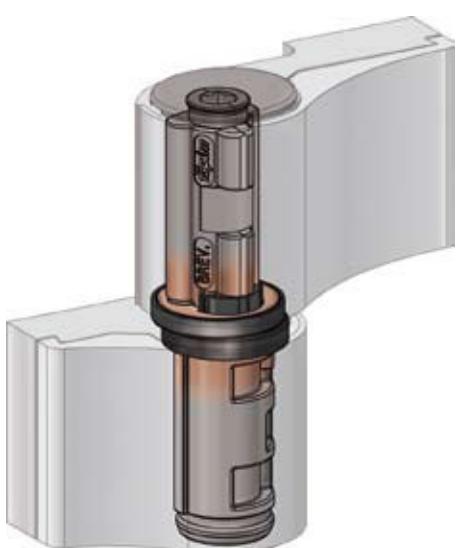
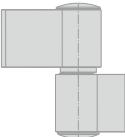
Pour des portes de dimensions plus grandes ou plus petites par rapport à celles prévues par la norme, ou bien en cas d'utilisation de mécanismes ferme-porte, merci de nous contacter pour avoir des indications sur l'éventuelle augmentation ou diminution de la portée maximum admise.

Bei Türen die größer oder kleiner sind als von den Richtlinien vorgesehen, oder auch für die Verwendung zusammen mit Türschließmechanismen ist es notwendig, sich nach der maximal erlaubten Erweiterung oder Verringerung der Tragfähigkeit zu erkundigen.

In het geval van deuren die groter of kleiner zijn dan de voorgeschreven afmetingen, of wanneer deze gebruikt worden in combinatie met sluitarm mechanismen, is het noodzakelijk zich te raadplegen over toe- of afname van de maximaal toelaatbare belasting.

Всучаях в которых размеры дверей не соответствуют размерам указанным в требованиям или в случаях в которых на двери устанавливаются доводчики необходимо спрашивать рекомендации по нагрузкам у наших специалистах.





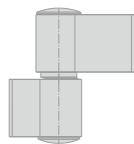
The rotating and adjusting components of the Loira+ hinges, have been designed to ensure maximum safety even on outward opening applications, and have obtained the SKG anti-theft certification ENV 1627.

Les composants de rotation et de réglage de la paumelle Loira+, ont été étudiés pour obtenir une très haute sécurité, aussi en cas de applications sur ouvertures vers l'extérieur et ils ont permis de obtenir la certification antieffraction ENV 1627 SKG.

Die Komponenten für die Rotation und Verstellung der Loira+ Band wurden entwickelt für den Erhalt der sehr hohen Sicherheit, auch im Falle von Anwendungen von außen öffnende Türen, und sie haben die Möglichkeit gegeben die Zertifizierung SKG ENV 1627 zu erhalten.

De componenten voor de rotatie en afstelling van de Loira+ scharnier werden bestudeerd voor het bekomen van zeer hoge veiligheid, tevens in het geval van toepassingen met buitenopendraaiende deuren, en ze hebben de mogelijkheid gegeven de SKG ENV 1627 certificering te bekomen.

Все компоненты петли Loira+ как для вращения, так и для регулировок были спроектированы с получением максимальной безопасности, также на использование петель при открывании наружу был получен сертификат противовзломности SKG ENV 1627.



Loira+ two-leaf hinge, preset for the assembly of fixing counterplates.

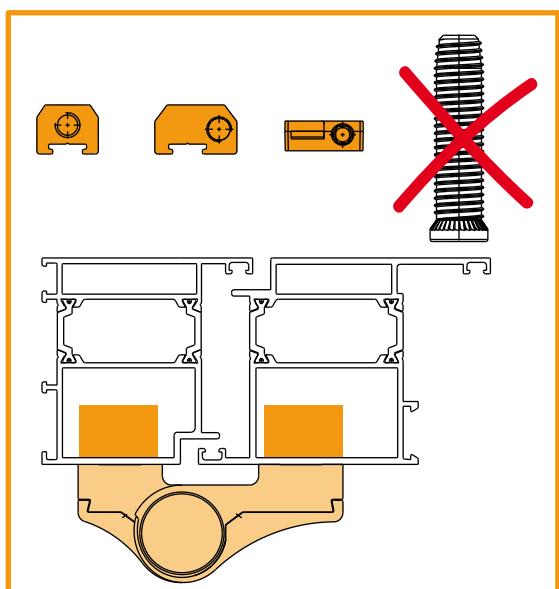
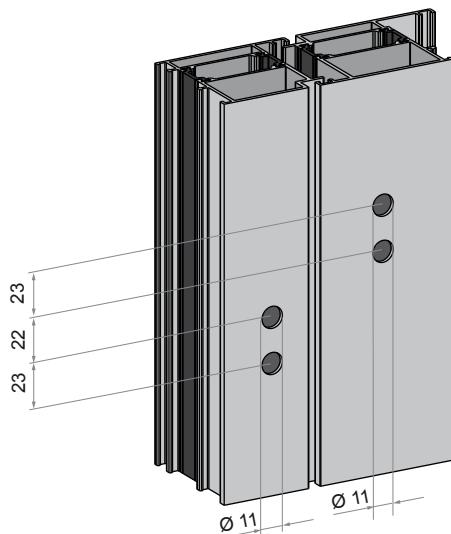
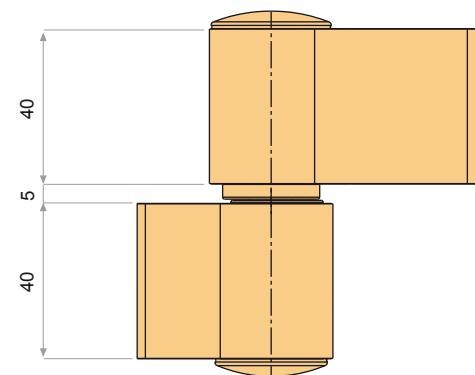
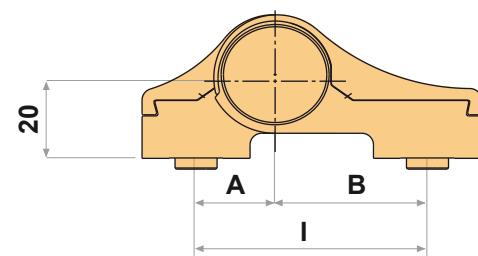
Paumelle Loira+ à 2 lames, arrangée pour les contreplaques de fixation.

Loira+ Zweiteilige Band, geeignet für den Einbau mit Befestigungsplatte.

Tweedelige Loira+ scharnier, geschikt voor montage met tegenplaten.

Двухсекционная петля Loira+ – Плюс может комплектоваться крепежными пластинами.

Art.	I(mm)	A(mm)	B(mm)
7000	60	20,5	39,5
7000i	60	20,5	39,5
7010	67	20,5	46,5
7010i	67	20,5	46,5
7020	79	39,5	39,5
7030	80	20,5	59,5
7040	86	39,5	46,5
7040i	86	39,5	46,5
7050	93	46,5	46,5
7050i	93	46,5	46,5
7060	99	39,5	59,5
7070	106	46,5	59,5





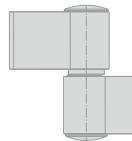
Loira+ three-leaf hinge, preset for the assembly of fixing counterplates.

Paumelle Loira+ à 3 lames, arrangée pour les contreplaques de fixation

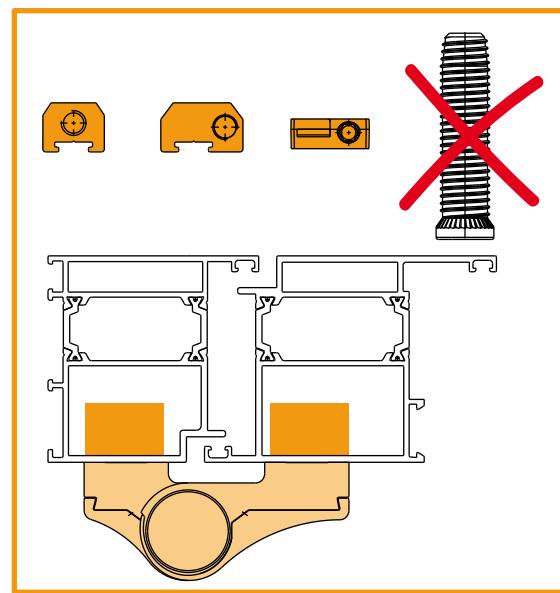
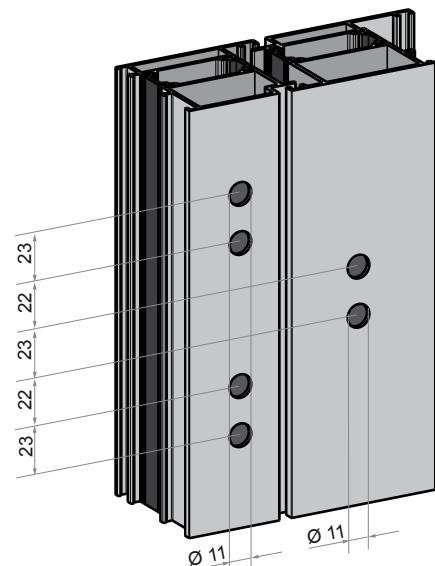
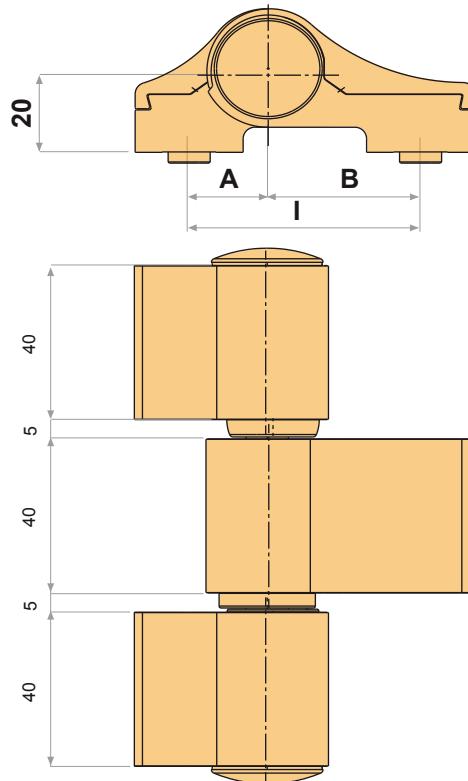
Loira+ Dreiteilige Band, geeignet für den Einbau mit Befestigungsplatte.

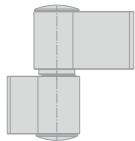
Driedelige Loira+ scharnier, voorbestemd voor montage met tegenplaten

Трехсекционная петля Loira+ – Плюс может комплектоваться крепежными пластинами.



Art.	I(mm)	A(mm)	B(mm)
7003	60	20,5	39,5
7013	67	20,5	46,5
7013i	67	20,5	46,5
7023	79	39,5	39,5
7033	80	20,5	59,5
7043	86	39,5	46,5
7053	93	46,5	46,5
7063	99	39,5	59,5
7073	106	46,5	59,5





Loira+ two-leaf hinge, preset for special self-threading fastening screws, for thermal break profiles.

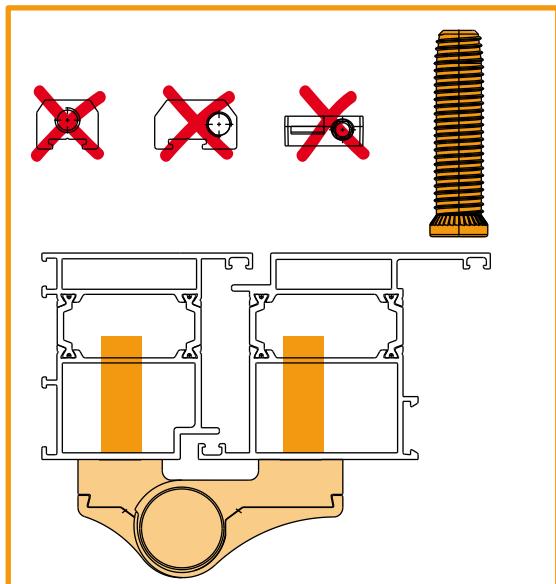
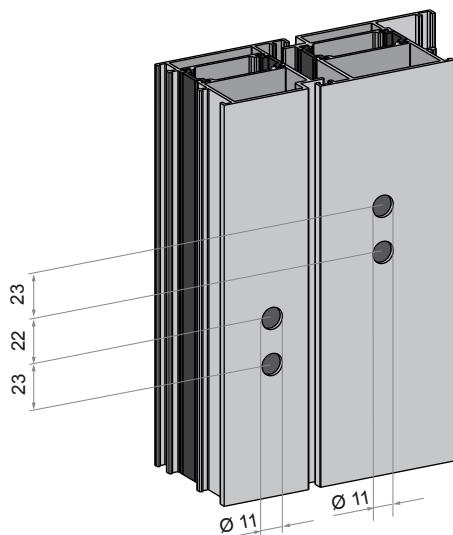
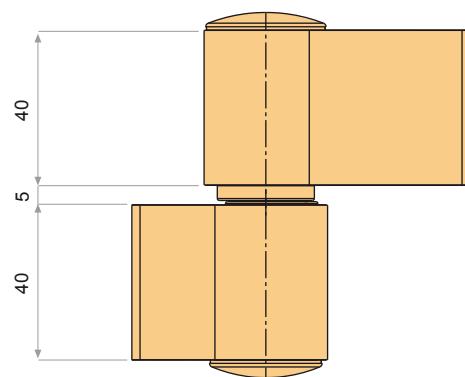
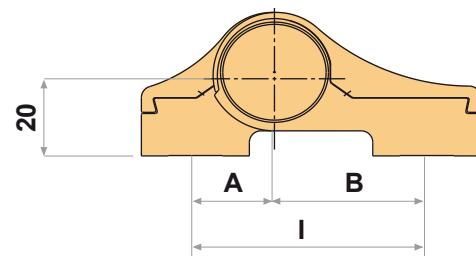
Paumelle Loira+ à 2 lames, arrangée pour les vis autotaraudeuses spéciales de fixation, pour profils à coupe thermique

Loira+ Zweiteilige Band, geeignet für den Einbau mit speziellen Ankerschrauben für Thermisch getrennte Profile

Tweedelige Loira+ scharnier, voorbestemd voor montage met speciale ankerschroeven voor thermisch onderbroken profielen

Двухсекционная петля Loira+ – Плюс может комплектоваться специальными самонарезающими винтами (анкерными). Этот набор можно использовать и для дверей, изготовленных из профилей с термоставками.

Art.	I(mm)	A(mm)	B(mm)
7000V	60	20,5	39,5
7000Vi	60	20,5	39,5
7010V	67	20,5	46,5
7010Vi	67	20,5	46,5
7020V	79	39,5	39,5
7030V	80	20,5	59,5
7040V	86	39,5	46,5
7040Vi	86	39,5	46,5
7050V	93	46,5	46,5
7050Vi	93	46,5	46,5
7060V	99	39,5	59,5
7070V	106	46,5	59,5





Loira+ three-leaf hinge, preset for special self-threading fastening screws, for thermal break profiles.

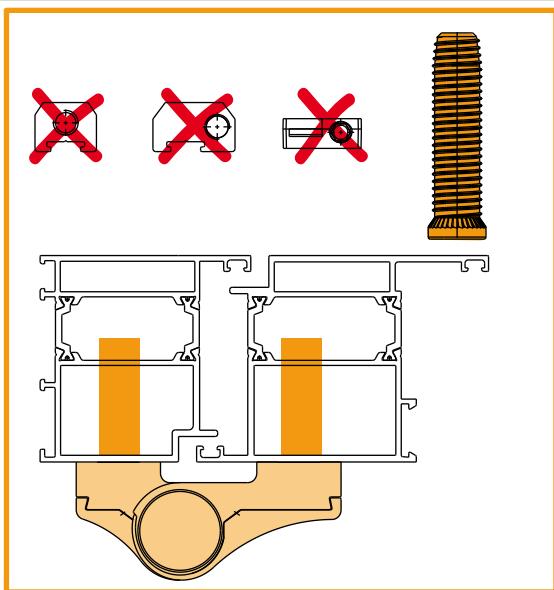
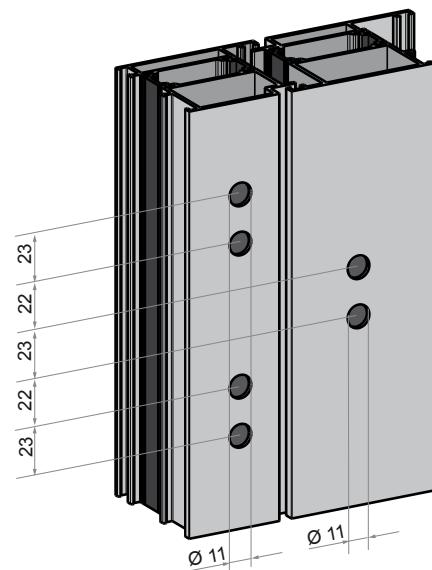
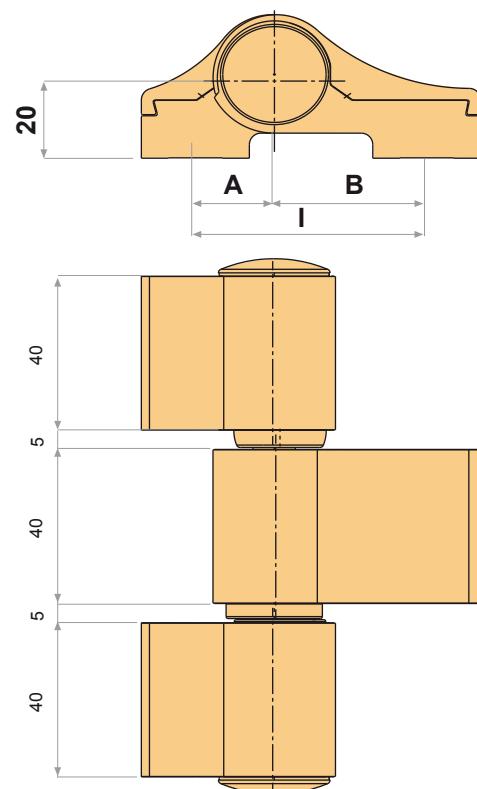
Paumelle Loira+ à 3 lames, arrangée pour les vis autotaradeux spéciales de fixation, pour profils à coupe thermique

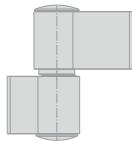
Loira + Dreiteilige Band, geeignet für den Einbau mit speziellen Ankerschrauben für Thermisch getrennte Profile

Driedelige Loira+ scharnier, voorbestemd voor montage met speciale ankerschroeven voor thermisch onderbroken profielen

Трехсекционная петля Loira+ – Плюс может комплектоваться специальными самонарезающими винтами (анкерными). Этот набор можно использовать и для дверей, изготовленных из профилей с термоставками.

Art.	I(mm)	A(mm)	B(mm)
7003V	60	20,5	39,5
7013V	67	20,5	46,5
7013Vi	67	20,5	46,5
7023V	79	39,5	39,5
7033V	80	20,5	59,5
7043V	86	39,5	46,5
7053V	93	46,5	46,5
7063V	99	39,5	59,5
7073V	106	46,5	59,5





Small type two-leaf Loira+ hinge with fixing counterplates in extruded aluminium, especially designed for application on narrow frame doors.

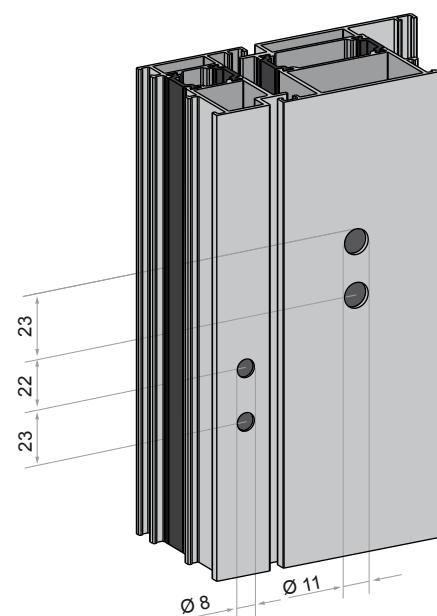
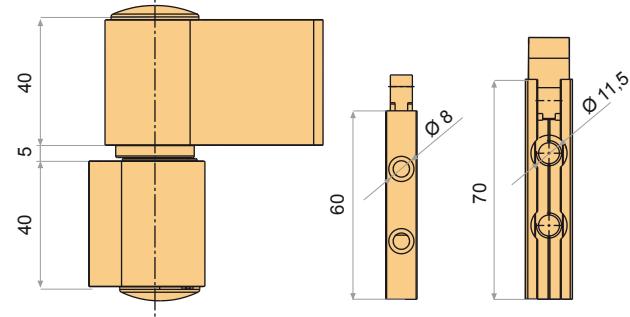
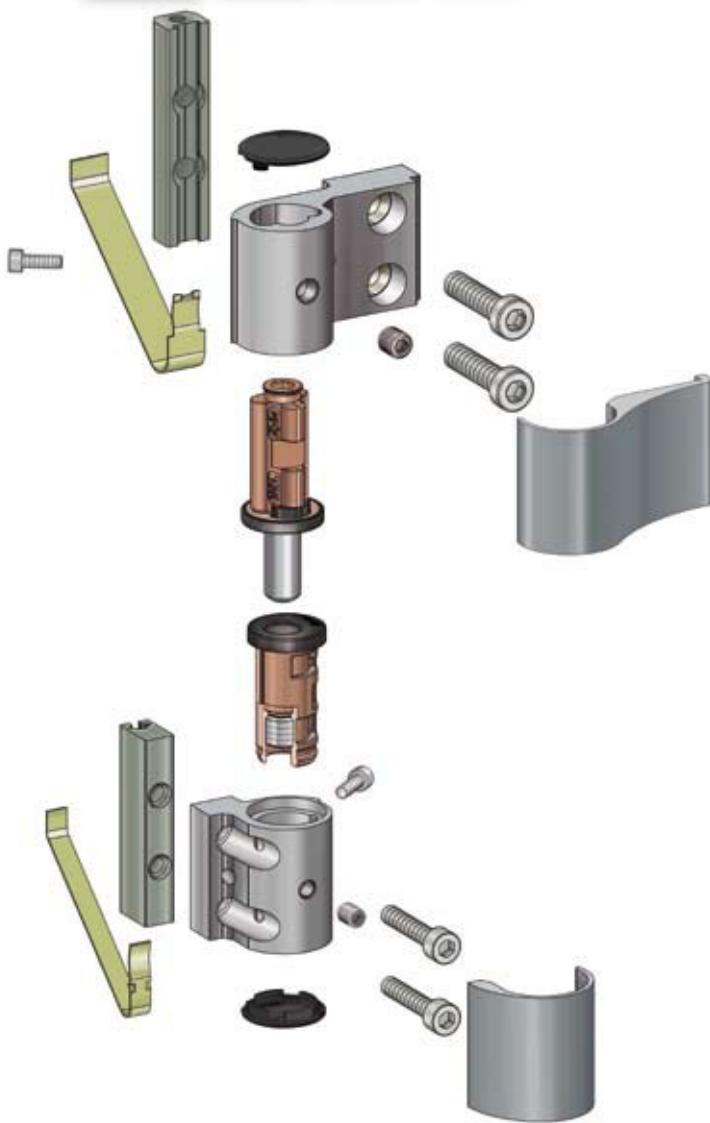
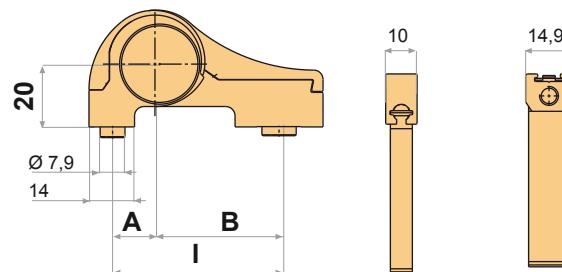
Paumelle Loira+ male réduit à 2 lames complète de contreplaques de fixation in alluminio estruso, studiée pour l'application sur portes et fenêtres ayant dormant étroit.

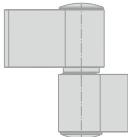
Loira+ Zweiteilige Band mit schmalen Rahmenbandteil für die Verwendung an Türen mit schmalen Rahmen Profil, geeignet für den Einbau mit Befestigungsplatte in strangpress Aluminium.

Tweedelige Loira+ scharnier met smal kaderdeel compleet met tegenplaten in extrusie aluminium, voor toepassing op deuren met smal kaderprofiel.

Двухсекционная петля Loira+ Maschio Ridotto (Лойра плюс с уменьшенной рамной секцией) – Плюс комплектуется крепежными пластинами из экструдированного профиля, разработана специально для случая, когда узкий профиль рамы.

Art.	I(mm)	A(mm)	B(mm)
7100	53	13,5	39,5
7100i	53	13,5	39,5
7110	60	13,5	46,5





Small type three-leaf Loira+ hinge with fixing counterplates in extruded aluminium, especially designed for application on narrow frame doors.

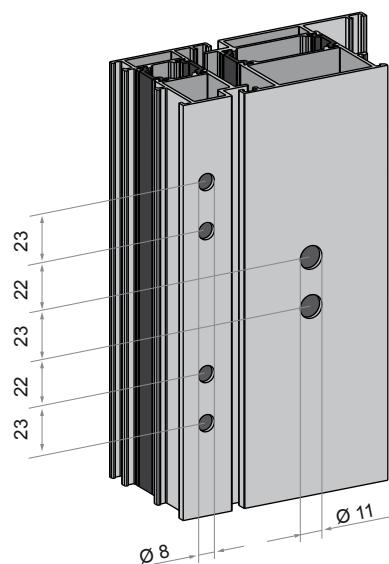
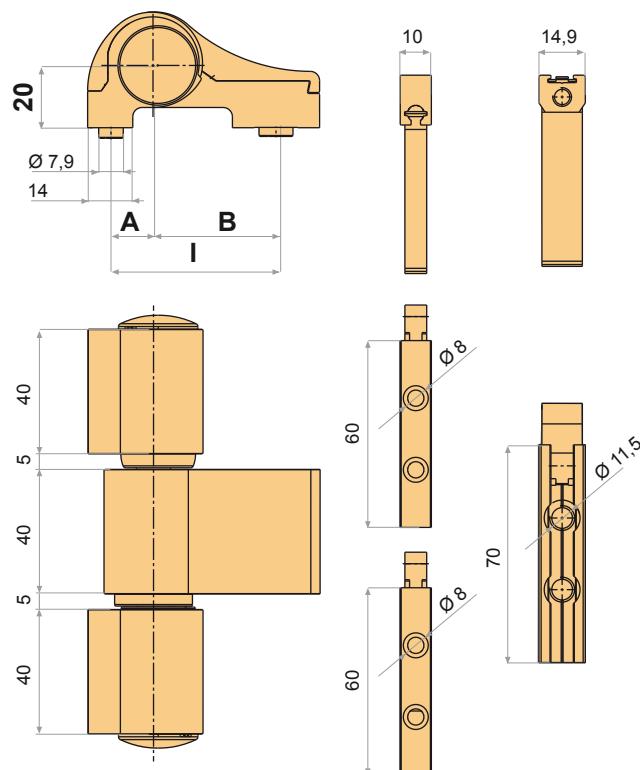
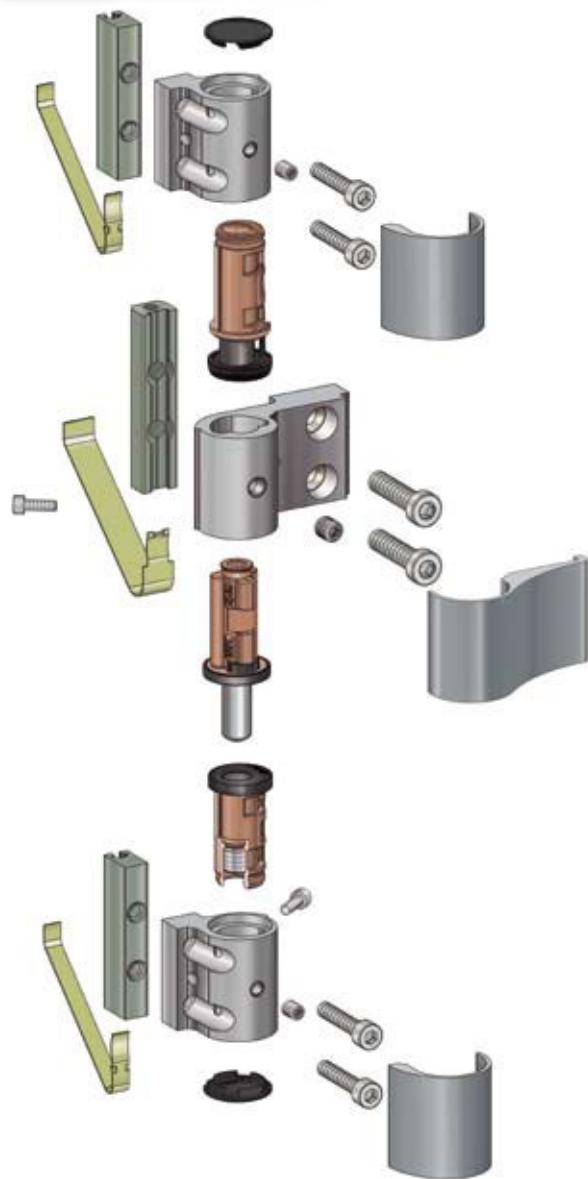
Paumelle Loira+ male réduit à 3 lames complète de contreplaques de fixation in alluminio estruso, étudiée pour l'application sur portes et fenêtres ayant dormant étroit.

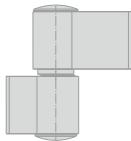
Loira+ Dreiteilige Band mit schmalen Rahmenbandteil für die Verwendung an Türen mit schmalen Rahmen Profil, geeignet für den Einbau mit Befestigungsplatte in strangpress Aluminium.

Driedelige Loira+ scharnier met smal kaderdeel compleet met tegenplaten in extrusie aluminium, voor toepassing op deuren met smal kaderprofiel.

Трехсекционная петля Loira+ Maschio Ridotto (Лойра плюс с уменьшенной рамной секцией) – Плюс комплектуется крепежными пластинами из экструдированного профиля, разработана специально для случая, когда узкий профиль рамы.

Art.	I(mm)	A(mm)	B(mm)
7103	53	13,5	39,5





TF-11



Art.
6885
6885B
6886
6886B

The TF11 milling machine, available with either manual or pneumatic vice, allows fast and correct execution of the machining required for the assembly of two and three-leaf hinges, on either cold or thermal break profiles. It is equipped with a base, a surface with sliding rollers, stops and other required tools and spare parts.

A wide range of fixed templates is also available in either all purpose version or for different center distances, to carry out the machining on the profile.

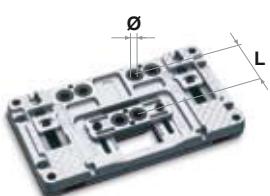
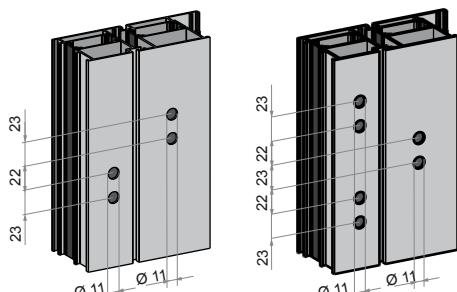
La perceuse TF11, disponible avec étau manuel ou pneumatique, permet d'exécuter rapidement et sans erreurs les usinages nécessaires pour le montage des paumelles, soit à 2 lames qu'à 3 lames, sur profils froids ou à coupe thermique. Elle est équipée d'une base, en plan d'appui avec rouleaux de glissement, par des butées et de tous les outils et recharges nécessaires.

Il est disponible aussi une grande gamme de gabarits fixes, universelles ou spécifiques pour chaque entraxe à positionner sur les profils pour exécuter les usinages.

Die TF11 Bohrmaschine, verfügbar wahlweise mit manuellen oder pneumatischen Spannvorrichtung, ermöglicht sowohl für Zwei- wie Dreiteilige Bänder, schnell und fehlerfrei die durchzuführenden Operationen zu verfügen auf Kalte oder Thermisch getrennte Profile. Die Maschine ist vorsehen einer Basis, einer Legflach mit Rollen und Anschläge, und alle notwendige Werkzeuge und Ersatzteile. Es gibt auch eine breite Palette von Bohrlehre für die Durchführung der Operationen auf die Profile und das für alle Achsabstände.

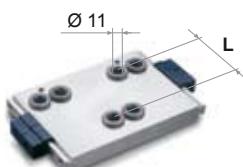
De boormachine TF11, beschikbaar met manuele of pneumatische kleminrichting, geeft de mogelijkheid om, zowel voor de twee- als driedelige scharnieren, snel en foutloos de nodige bewerkingen uit te voeren op koude of thermisch onderbroken profielen. Ze is voorzien van een basis, een legvlak met rollen en aanslagen en alle nodige gereedschappen en vervangingsstukken. Ook is er een groot gamma boormallen voorzien voor het uitvoeren van de bewerkingen op de profielen en dat voor alle bevestigingsafstanden.

Сверлильный станок TF11 существует в версиях ручного или пневматического зажимов, что позволяет выполнять быстро и без ошибок работы необходимые для установки петли, как двух так и трехсекционной, как на «холодном», так и на «теплом» профилях. Базовая комплектация, рольганг, ограничитель и все его инструменты и необходимые запчасти. Существует также широкая гамма кондукторов: конкретно для определенного типа петли, универсальные, конкретно для определенного расстояния, устанавливаемые сверху профиля для выполнения операции сверления

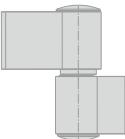


Art.	Ø
6825	11
6825C	15

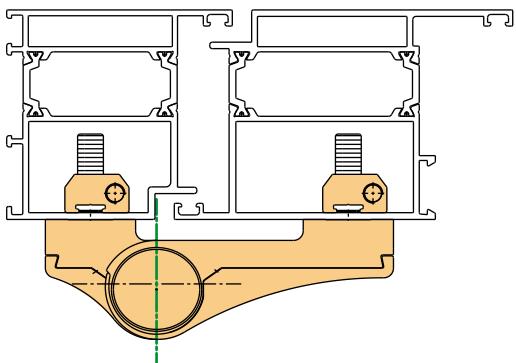
L = 53-60-67-79-86-93



Art.	L
6830A	53
6831	60
6832	67
6832E	73
6833	79
6834	80
6835	86
6836	93
6837	99
6838	106



Recommendations for use - Conseils d'emploi Empfehlungen zur Anwendung - Gebruiksadvies - Рекомендации применения



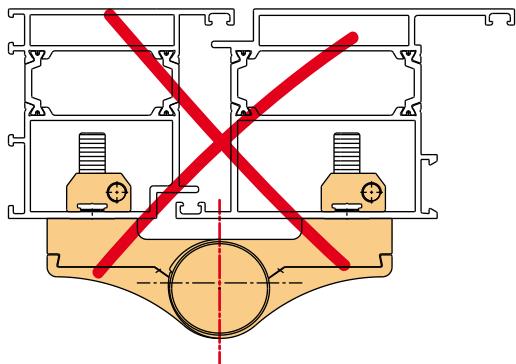
Please choose the Loira+ item which allows the rotating pin to be placed as shown in the picture.

Choisir l'article Loira+ qui permet de positionner l'axe de rotation comme montré dans la figure.

Den Artikel Loira+ einsetzen, welcher die Anbringung der Rotationsachse am besten der Abbildung entsprechend ermöglicht.

Het artikel Loira+ toepassen, welke het beste toestaat de draaiaas in de positie te brengen zoals in de afbeelding wordt aangegeven.

Использовать артикулы которые позволяют установку петель в ось вращения или чем ближе её так как указано на иллюстрации.



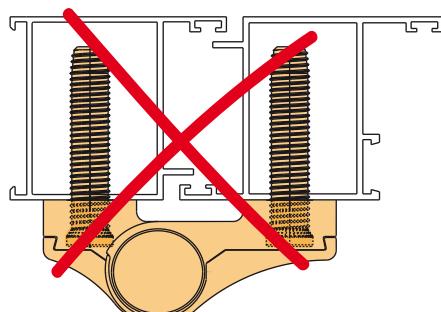
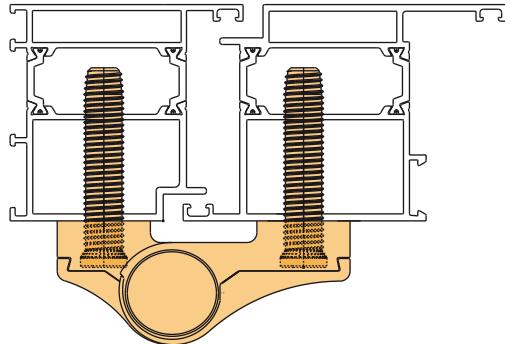
The special self-threading screws can be exclusively used on profiles having tightening catching on at least two profile walls.

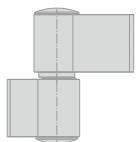
Les vis spéciales auto-taraudeuse ne peuvent être utilisées que sur les profils qui serrent sur au moins deux parois.

Die Anwendung der speziellen Befestigungsblechschauben kann nur bei Profilen wo die Schrauben mindestens zwei Wandem durchbohren.

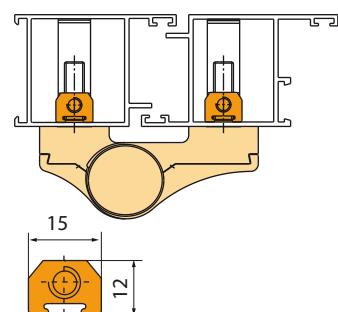
Het gebruik van de speciale zelftappende schroeven is alléén toegestaan op profielen waar de schroeven minstens 2 wanden doorboren.

Применение специальных самоизрезающих винтов (анкерных) возможно только для дверей, изготовленных из профилей с термовставками.

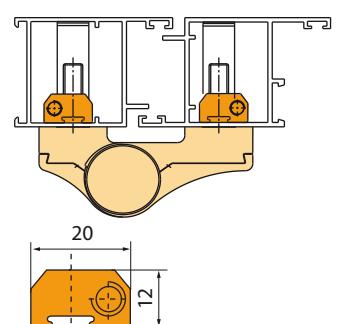




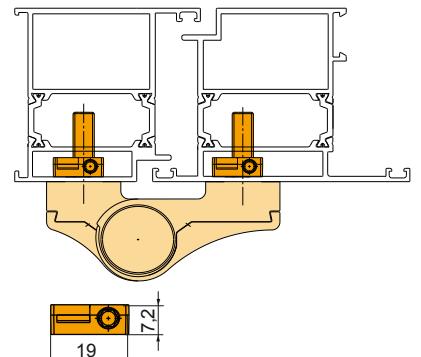
Art.		
6623		
6625		
6665AM		
6665AMi		
6665CM		



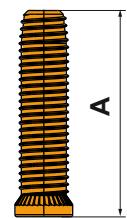
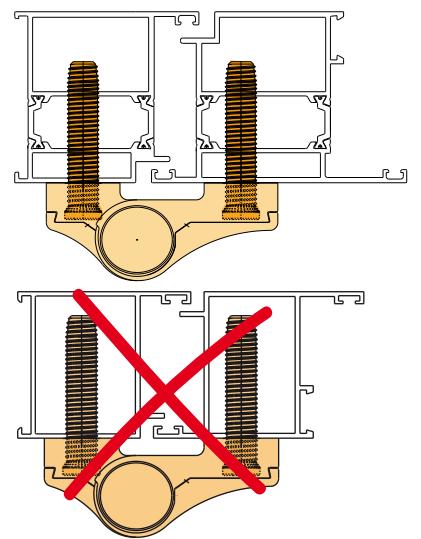
Art.		
6624		
6626		
6665BM		
6665BMi		
6665DM		

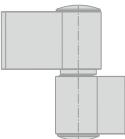


Art.		
6620		
6620i		
6621		
6621i		

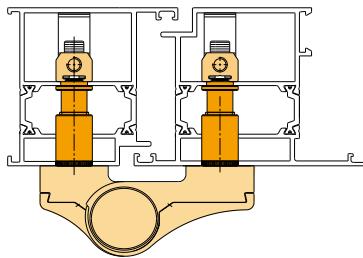
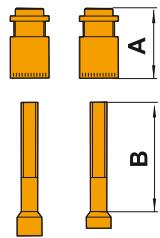


Art.	A	
6603A	50	
6603B	50	
6603i	50	
6603Xi	50	
6604A	60	
6604B	60	
6604i	60	
6604Xi	60	

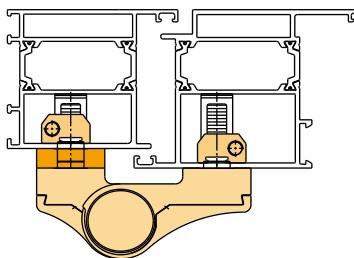
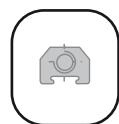
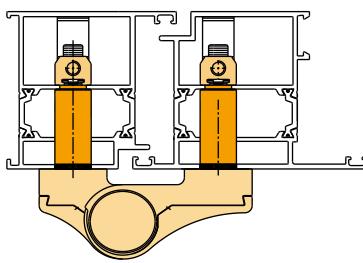
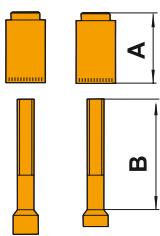




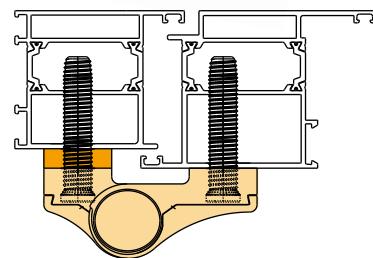
Art.	A	B
6664B	12-15	45
6664BX	12-15	45
6664C	15-18	45
6664CX	15-18	45
6664D	16,5-23	45
6664DX	16,5-23	45
6664E	23-35	60
6664EX	23-35	60
6664F	35-47	60
6664FX	35-47	60



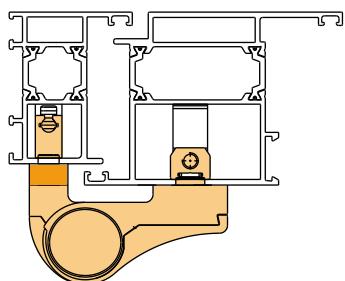
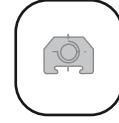
Art.	A	B
6664202	20,2	45
6664238	23,8	45
6664294	29,4	60
6664318	31,8	60



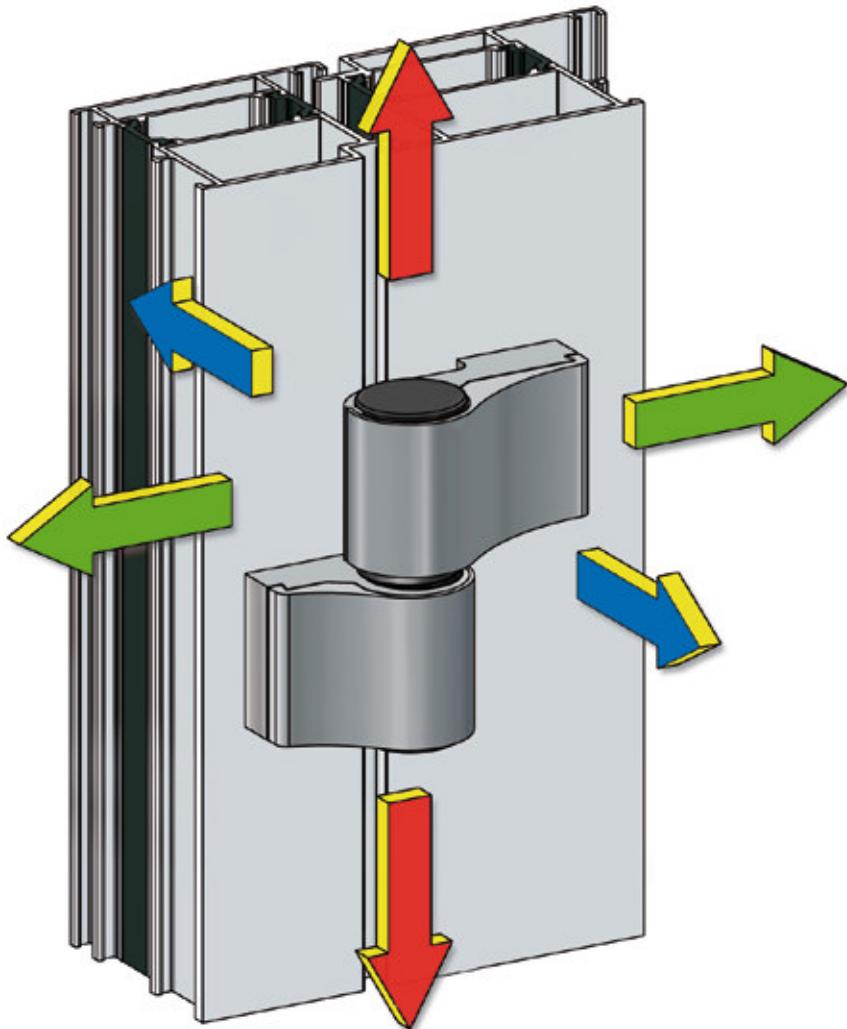
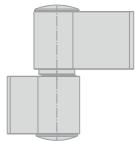
Art.	S
6666s2	2
6666s4	4
6666s5	5
6666s7	7
6666s8	8
6666s8,5	8,5
6666s10	10



Art.	S
6607A	2
6607B	4
6607C	5
6607D	7
6607E	8
6607F	8,5
6607G	10



Art.	S
6669s2	2
6669s4	4
6669s5	5
6669s7	7
6669s8	8
6669s8,5	8,5
6669s10	10



The Loira+ hinge in either two and three-leaf version, is adjustable in the three directions, when the door is in the closed position. Adjustments are micrometric and independent of one another.

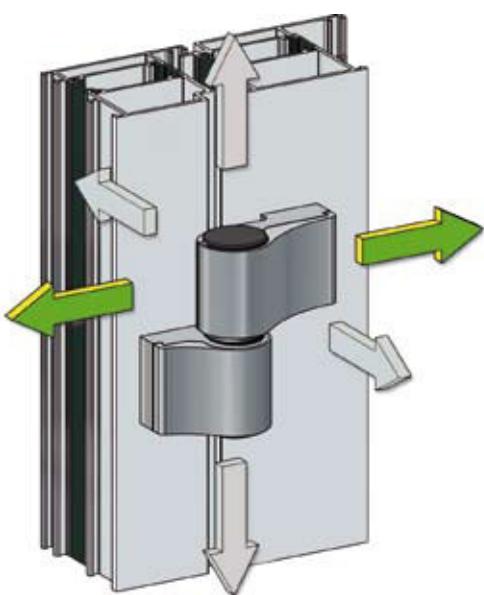
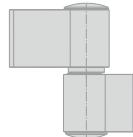
La paumelle Loira+ soit dans la version à deux lames que dans celle à 3 lames est réglable à porte fermée, dans les trois directions. Les réglages sont micrométriques et complètement indépendants entre eux.

Der Loira+ Band, beides Zweiteilig and Dreiteilig, kann man in die drei Richtungen verstellen mit geschlossener Tür. Die Verstellungen sind mikrometrisch und völlig unabhängig.

De Loira+ scharnier, zowel de tweedelige als driedelige, is afstelbaar in de drie richtingen met gesloten deur. De afstellingen zijn micrometrisch en onderling volledig onafhankelijk.

Версии петли Loira+ – двухсекционная и трехсекционная – Плюс регулируемые по трем направлениям. Регулировки микрометрические и полностью независимые друг от друга.





The micrometric horizontal adjustment, of $\pm 2,5$ mm, is carried out when the door is in the closed position, by rotating the upper bush and then locking the dowel.

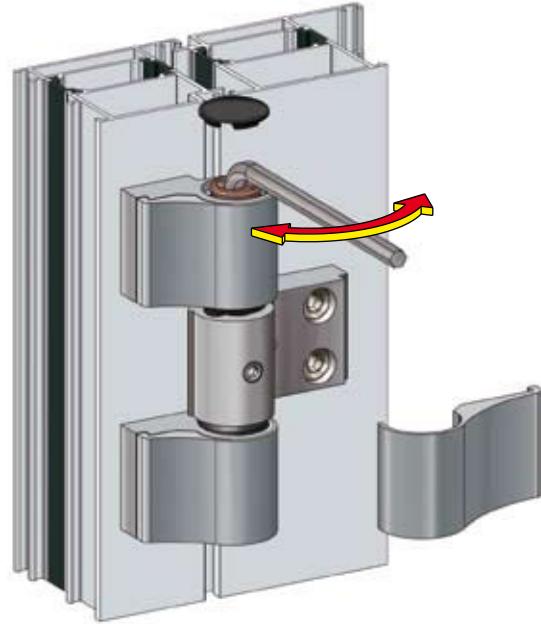
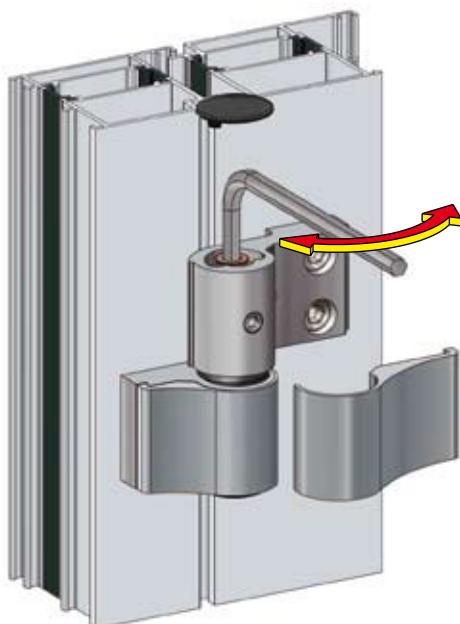
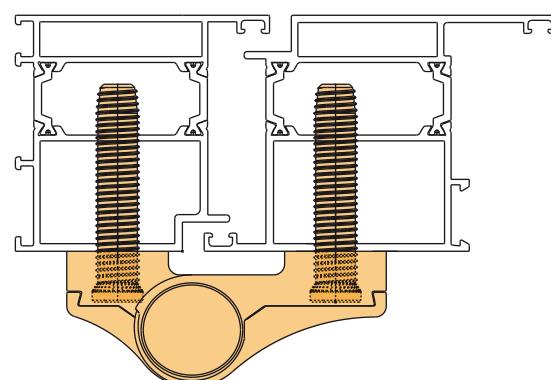
Le réglage micrométrique en horizontal, de $\pm 2,5$ mm, est effectué à porte fermée par une simple rotation de la douille supérieure et suivant blocage de la vis sans tête.

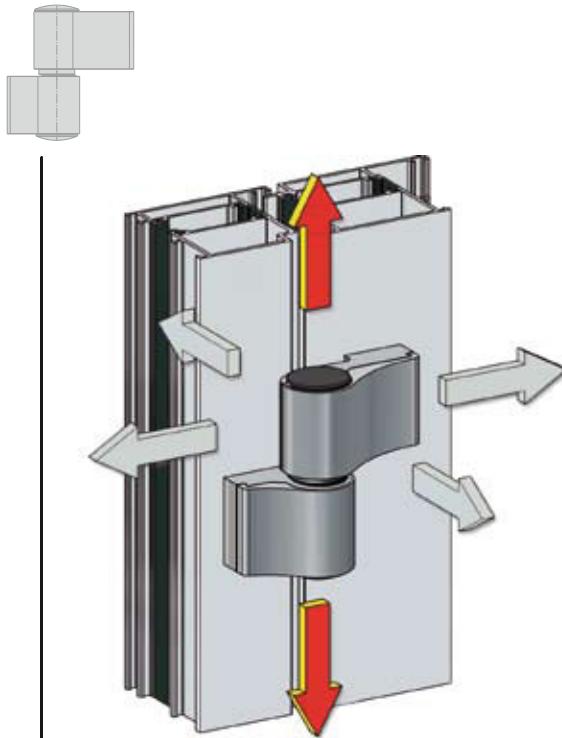
Die horizontale mikrometrischen Verstellung, von $\pm 2,5$ mm, ist durch geführt mit geschlossenen Tür durch eine einfache Drehung des oben Lagerbuchse und die anschließende Blockade mit die Gewindestift.

De horizontale micrometrische afstelling van $\pm 2,5$ mm, wordt met gesloten deur uitgevoerd door een eenvoudige rotatie van de bovenbus en daaropvolgende blokkering met de inbusschroef.

Микрометрическая регулировка по горизонтали $\pm 2,5$ мм выполняется при закрытой двери простым поворотом верхней втулки и последующей фиксацией винтом.

$- 2,5 \text{ mm}$ $+ 2,5 \text{ mm}$





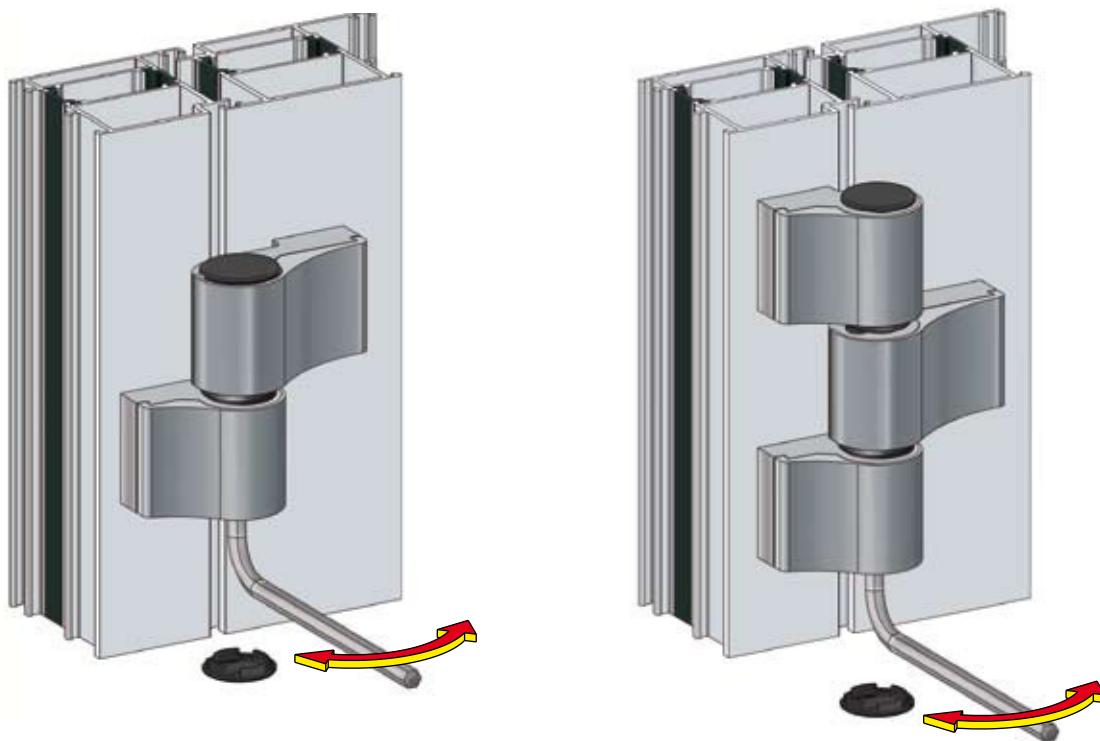
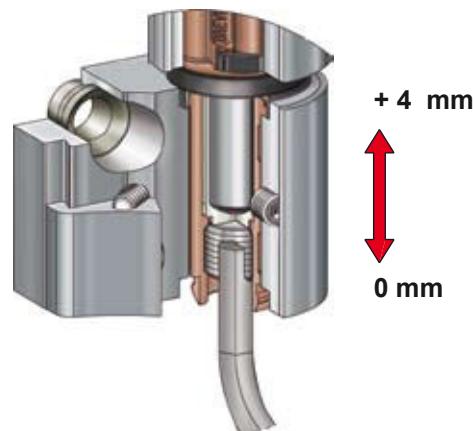
The micrometric vertical adjustment, from 0 to +4 mm, is carried out when the door is in the closed position through a stainless steel adjusting element, pre-assembled on the lower bush.

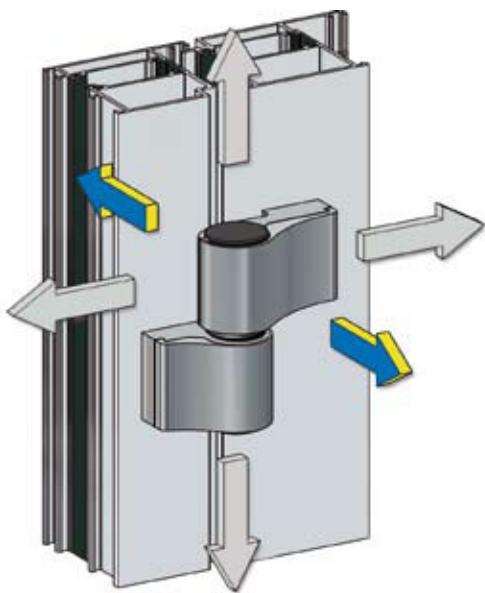
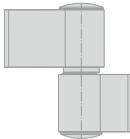
Le réglage micrométrique vertical, de 0 à +4mm, est effectué à porte fermée par le registre en acier inox, pré-monté dans la douille basse.

Die vertikale mikrometrischen Verstellung, von 0 bis 4 mm, ist durch geführt mit geschlossenen Tür auf der Grundlage eine Edelstahlen Einrichtung Vormontiert in der Untenbuchse.

De verticale micrometrische afstelling, van 0 tot +4 mm, wordt met gesloten deur uitgevoerd aan de hand van de roestvrij stalen inrichting voorgemonteerd in de onderbus

Микрометрическая регулировка по вертикали от 0 до +4 мм, выполняется при закрытой двери посредством вращения гайки из нержавеющей стали, установленной в нижней втулке.





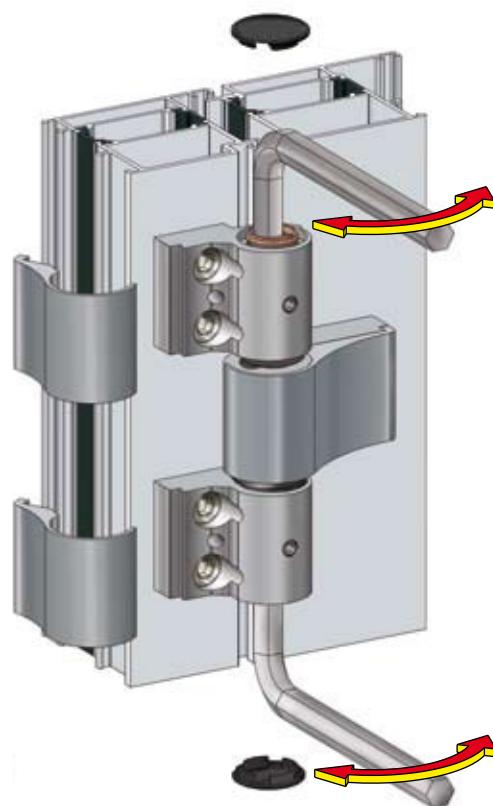
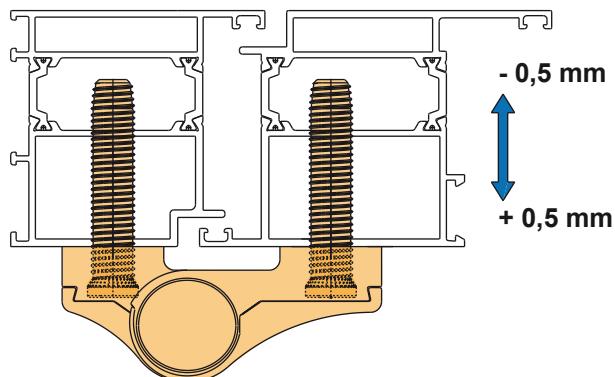
The micrometric adjustment in pressure of the gasket, of $\pm 0,5$ mm, is carried out when the door is in the closed position, by rotating the lower bush and then locking the dowel.

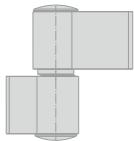
Le réglage micrométrique en pression du joint, de $\pm 0,5$ mm, est effectué à porte fermée par la simple rotation de la douille basse et suivant blocage de la vis sans tête.

Die mikrometrischen Verstellung des Dichtungsdruck, von $\pm 0,5$ mm, ist durch geführt mit geschlossenen Tür auf der Grundlage eines einfache Drehung des Unten Buchse und die anschließende Blockade mit die Gewinde-stift.

De micrometrische diepteafstelling van $\pm 0,5$ mm wordt met gesloten deur uitgevoerd door een eenvoudige rotatie van de onderbus en daaropvolgende blokkering met de inbusschroef.

Микрометрическая регулировка прижима $\pm 0,5$ мм выполняется при закрытой двери простым поворотом нижней втулки и последующей фиксацией винтом.





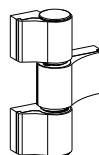
The Loira+ hinges in either two and three-leaf version, are individually packed in standard boxes containing 12 pieces each and in industrial boxes containing 50 pieces each.

Les paumelles Loira+, dans la version à deux et 3 lames, sont conditionnées singulièrement en boîtes standard de 12 pièces et en boîtes industrielles de 50 pièces.

Die Paletten Loira+ Bänder, in zwei- oder dreiteilige Ausführung, sind einzeln verpackt in der Standard Verpackung von 12 Stück und in industrielle Verpackung von 50 Stück.

De scharnieren Loira+, in de twee- en driedelige uitvoering, zijn afzonderlijk verpakt in standaard dozen van 12 stuks en in industriële verpakkingen van 50 stuks.

Петля Loira+ в версиях двух и трехсекционная упаковывается по-штучно в стандартную коробку для 12 штук, а также в индустриальную упаковку – коробка включает 50 штук петель.



Packaging **STANDARD** – Conditionnement **STANDARD** – Verpackung **STANDARD**
Verpakking **STANDARD** – Упаковка **STANDARD**

Packaging **INDUSTRIAL** – Conditionnement **INDUSTRIAL** – Verpackung **INDUSTRIAL**
Verpakking **INDUSTRIAL** – Упаковка **INDUSTRIAL**

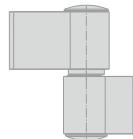


1x12



1x50




LOIRA+
**I
A+B**
**53
(13+40)**
**60
(20+40)**
**67
(20+47)**
**79
(39+40)**
**80
(20+60)**
**86
(39+47)**
**93
(46+47)**
**99
(39+60)**
**106
(46+60)**

7000
7000i

7010
7010i

7020

7030

7040
7040i

7050
7050i

7060

7070


7000V
7000Vi

7010V
7010Vi

7020V

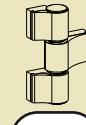
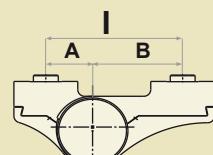
7030V

7040V
7040Vi

7050V
7050Vi

7060V

7070V



7003

7013
7013i

7023

7033

7043

7053

7063

7073



7003V

7013V
7013Vi

7023V

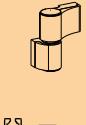
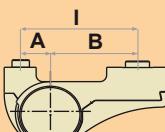
7033V

7043V

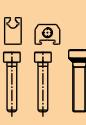
7053V

7063V

7073V

LOIRA+ MR
**53
(13+40)**
**60
(13+47)**

7100
7100i

7110



7103



note

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Fapim s.p.a.
Via delle Cerbaie, 114
55011 Altopascio (LU) Italia
Tel. ++39 0583 - 2601
Fax ++39 0583 - 25291
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info@fapim.it

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fapim
BIENELUX

Fapim Benelux s.p.r.l.b.v.b.a.
Avenue Rue St. Roch, 17 7712
Herseaux Belgium
Tel. +32 - 56 - 340548
Fax +32 - 56 - 341960
fapimbenelux@zon.be

fapim
POLSKA

Fapim Polska Sp.z.o.o.
J.Pilsudskiego 200
05-270 Marki
Polonia
Tel.++48 227813797
Fax. ++48 227811022
info@fapim.pl

fapim
HISPANIA

Fapim Hispania s.l.
C/Edison, esq Ingeniero Golcochea, 74
Pol gono Industrial Torreherero
Talavera De La Reina (TOLEDO)
Tlfn.:+34 925 - 828357
Fax: +34 925 - 841148
administracion@fapim.e.telefonica.net
pedidos@fapim.e.telefonica.net

fapim
MIDDLE EAST

Fapim MIDDLE EST FZE
Building Q3 - Office #131
Sharjah Airport International
Free Zone
P.O: Box 215537
DUBAI - U.A.E.
Tel.:+971 6 5574335
Fax: +971 6 5571123

fapim
RUSSIA

Fapim Ru LLC
249010, Dom 33, Kievskoe Shosse,
Obninsk, Kaluga region
Russian Federation
Tel.: +79163116480

DOMATIC

Domatic s.r.l.
Via Chimenti
55011 Altopascio (LU) Italia
Tel. ++39 0583 - 216603
Fax ++39 0583 - 216604
www.domatic.it
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ACCESSORIES FOR CURTAIN WALLS

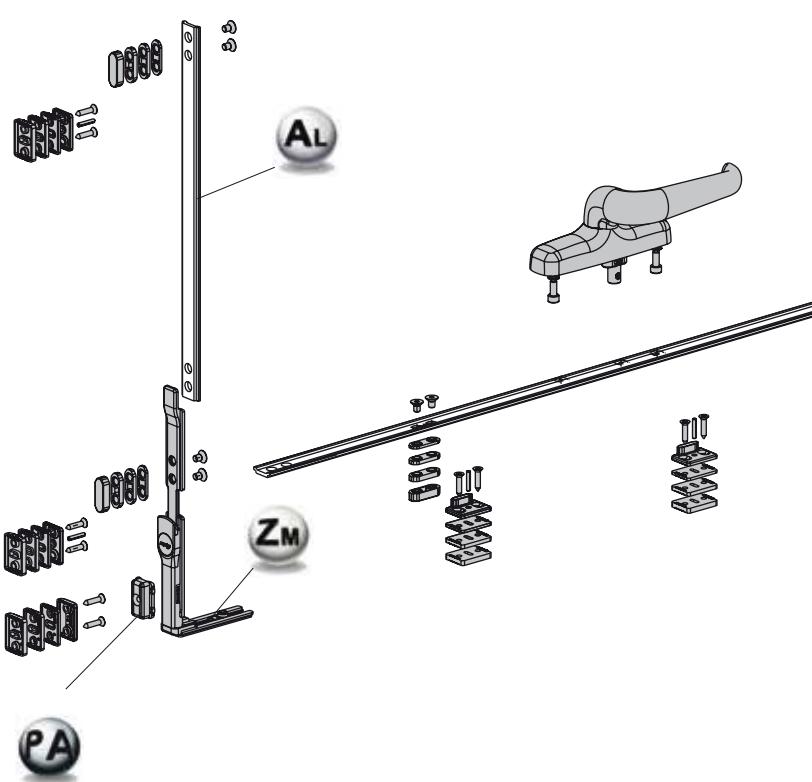
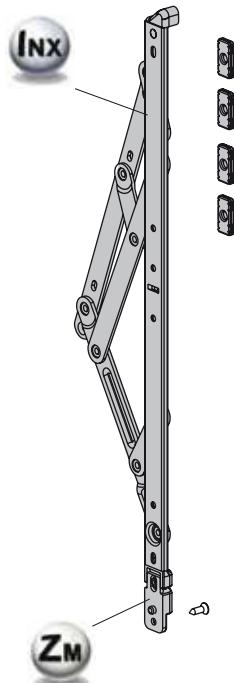
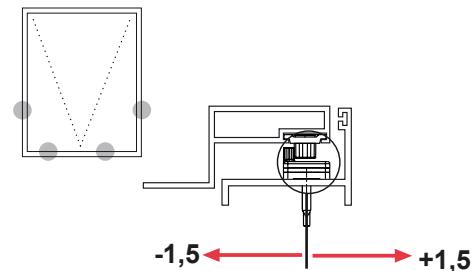
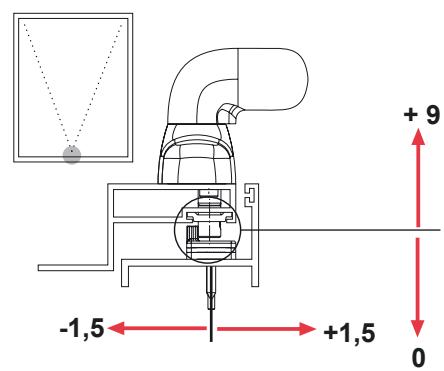
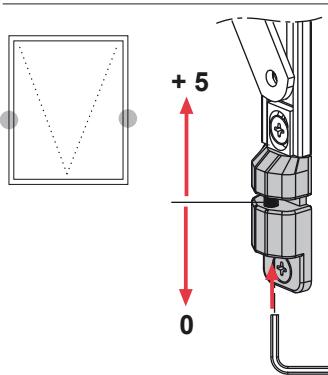
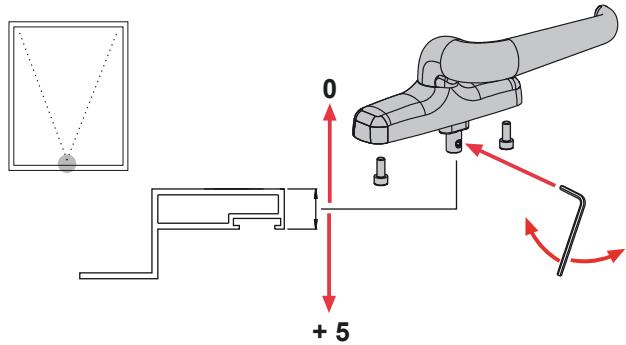
VISTA



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Life in evolution

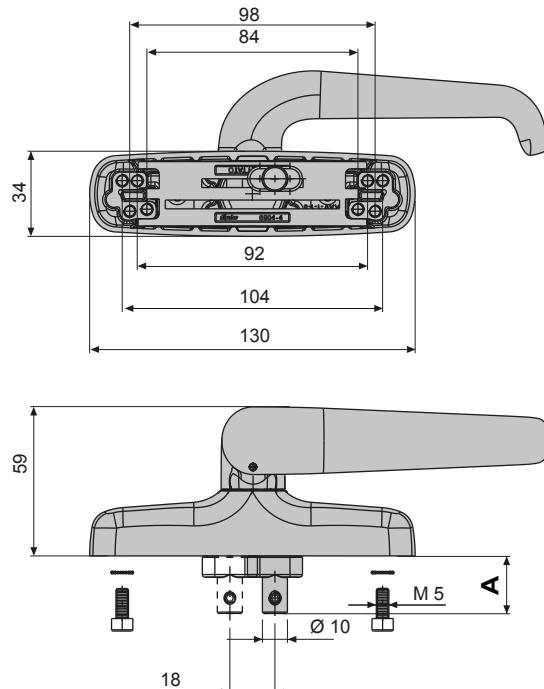




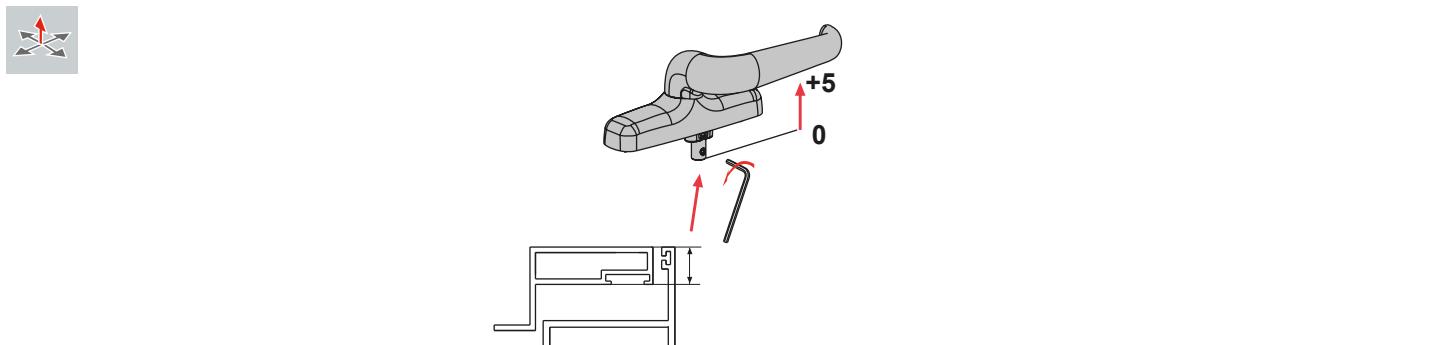
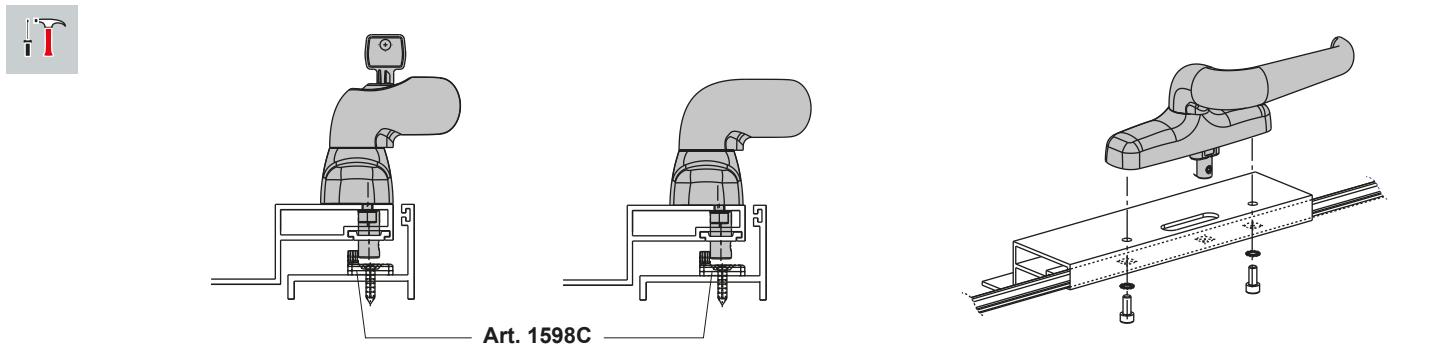
0770AD	
0770AS	
0771AD	
0771AS	
1515B	
1595	
1598	
1598C	
1613	
3250A 3250B 3250C 3250D 3250F 3250H	
3255	
3256	
3257	



A			
0770AD		23-28	
0770AS		23-28	
0771AD	84-92 98-104	23-28	5
0771AS		23-28	

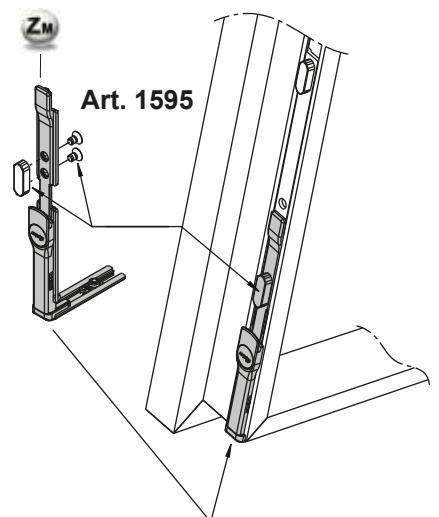
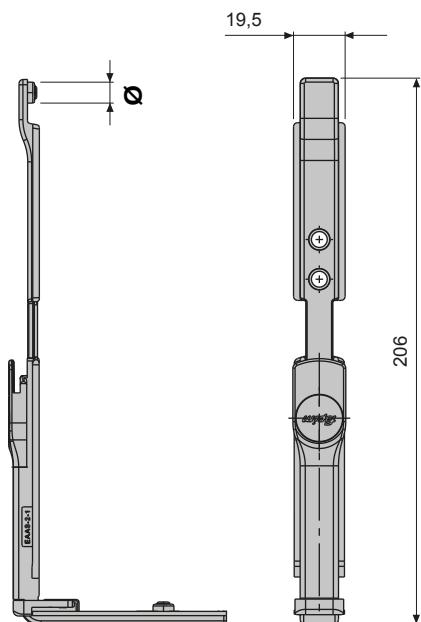


0770AD
0771AD 0770AS
0771AS

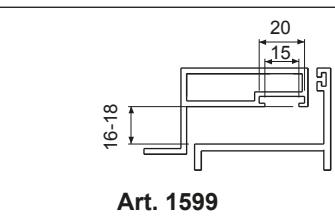
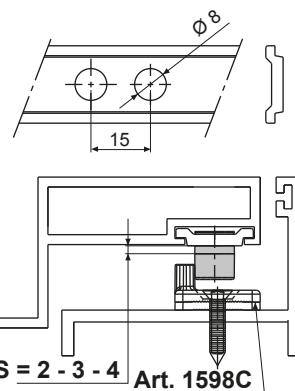
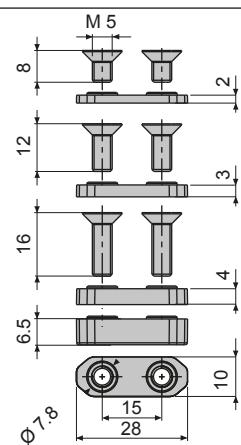




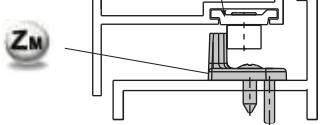
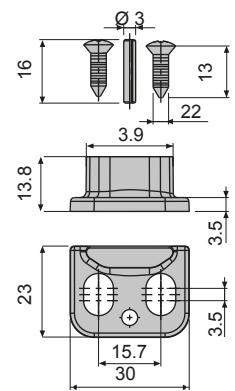
1515B	5 - 6 - 8	10
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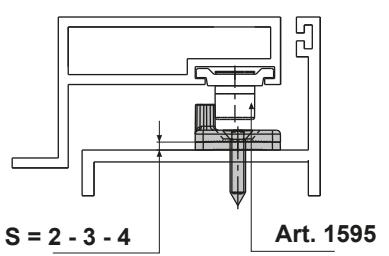
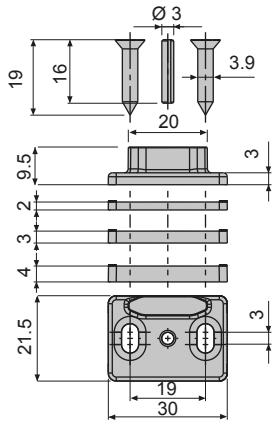
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1598		10
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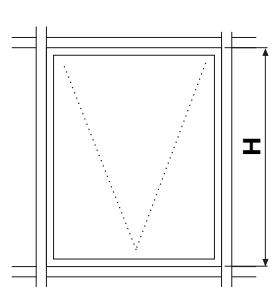
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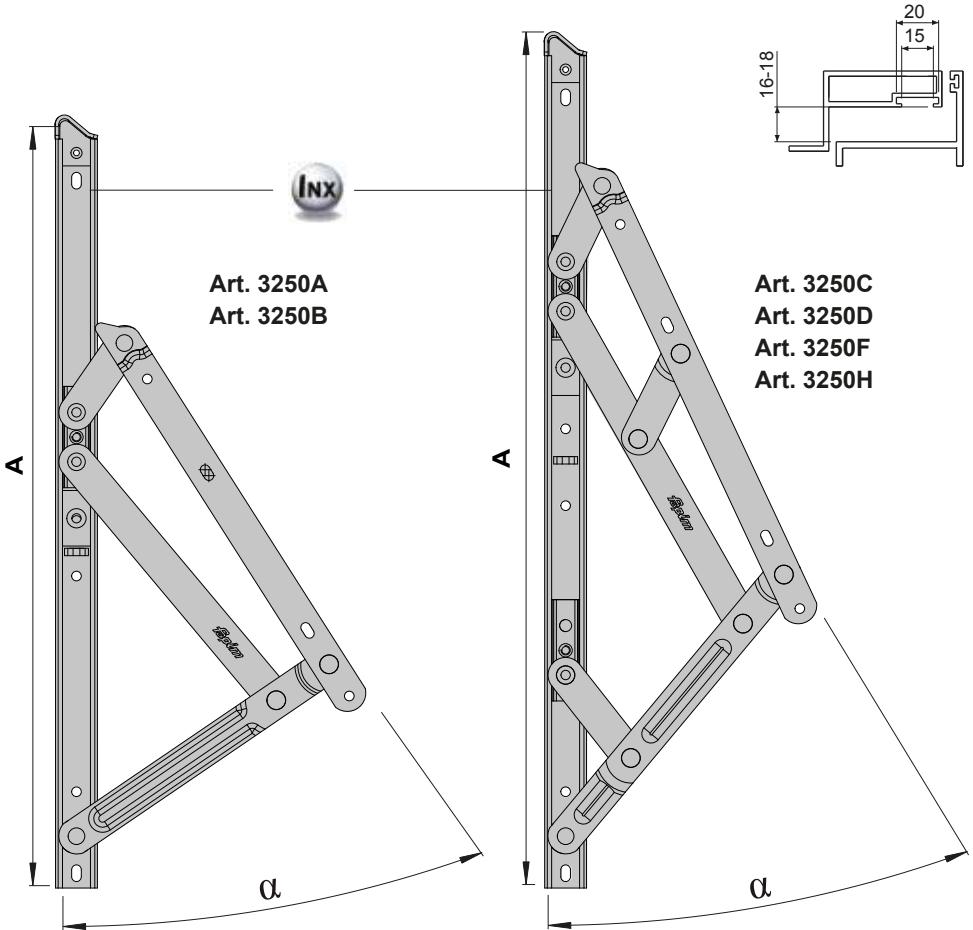
S = 2 - 3 - 4 Art. 1595



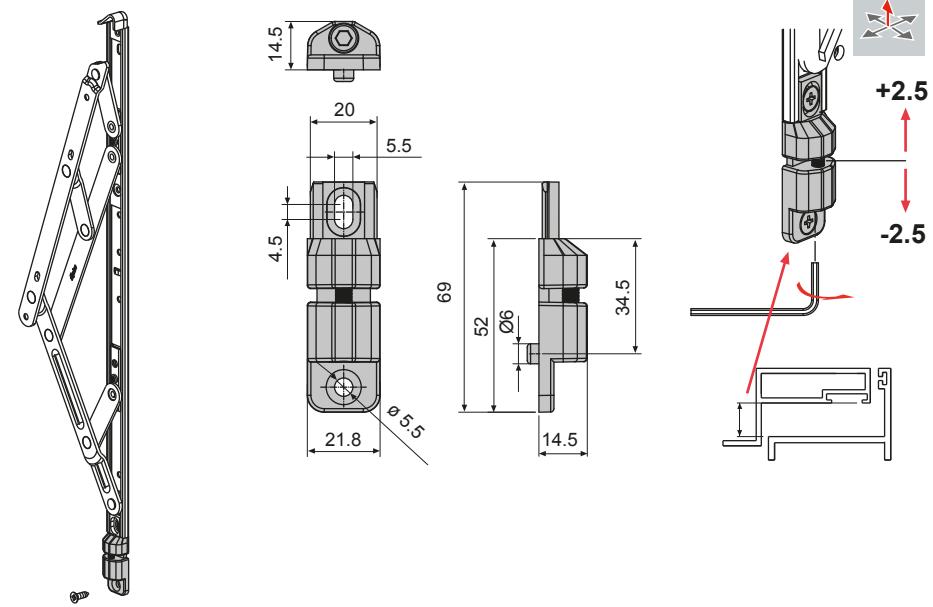
	A	H max	α	W max Kg
3250A	14" - 357mm	39" - 1000	30°/35°	65
3250B	16" - 406mm	47" - 1200	25°/30°	85
3250C	18" - 457mm	55" - 1400	25°/30°	100
3250D	20" - 511mm	63" - 1600	20°/25°	110
3250F	24" - 601mm	71" - 1800	15°/20°	120
3250H	28" - 708mm	79" - 2000	15°/20°	130

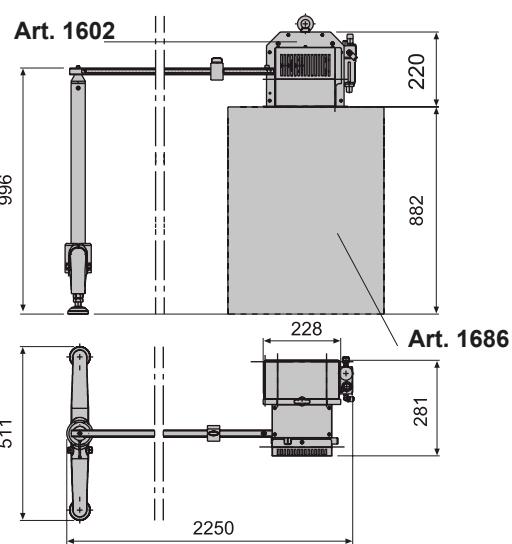
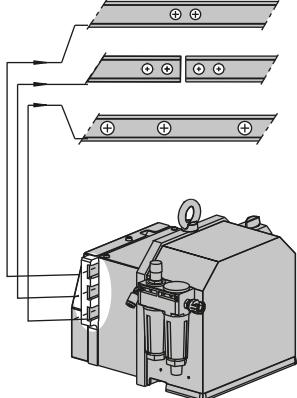
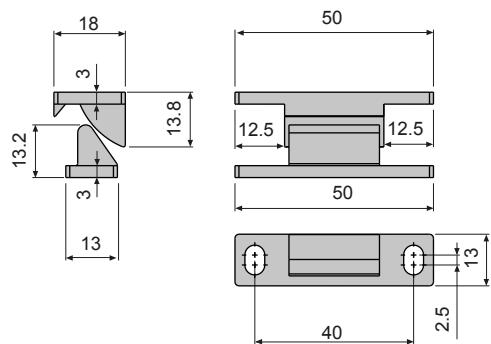
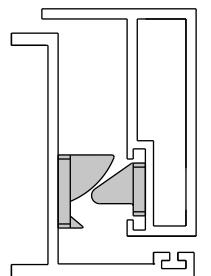
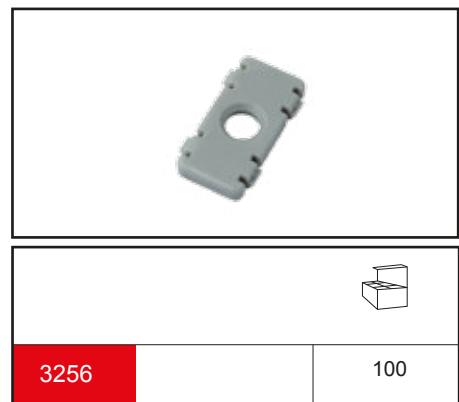
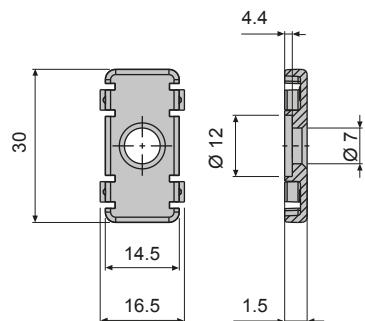
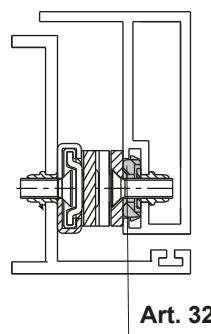
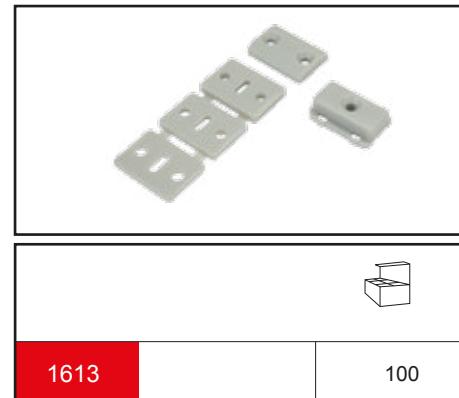
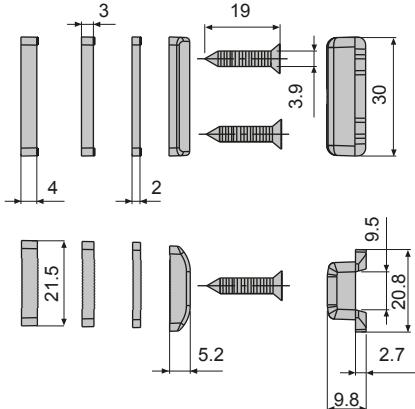
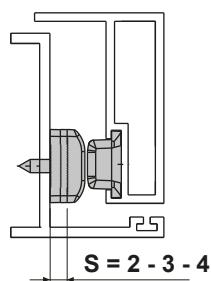


3250A	5
3250B	
3250C	
3250D	
3250F	
3250H	



3255	10





FP-15



1602		1
1686		1



fapim®

Fapim S.p.A.
Via delle Cerbaie, 114
55011 Altopascio (LU) Italy
T +39 0583 2601 F +39 0583 25291
www.fapim.it info@fapim.it
Cod.Fisc. e Part.I.V.A. 02224030466

DOMATIC®

DOMATIC
info@domatic.it www.domatic.it

fapim

BENELUX

Fapim Benelux s.p.r.l.b.v.b.a.
Avenue Rue St. Roch, 17
7712 Herseaux Belgium
T +32 56 340548
F +32 56 341960
info@fapimbenelux.be

fapim

HISPANIA

Fapim Hispania s.L.
C/edison, esq. A. Ingeniero
Goicoechea 45600
Parcela, 74
Talavera De la Reina (Espana)
T +34 925 828357
F +34 925 841148
administracion@fapimhispania.com
pedidos@fapimhispania.com

fapim

POLSKA

Fapim Polska sp. z o.o.
ul.Przyrzecze 4 03-107
Warszawa NIP : 536-16-29-437
T +48 227813797
F +48 227811022
Gsm 609022972

fapim

RUSSIA

Fapim RU LLC
Kaluzhskaya Region
Province Borovskiy, 99km.
main way "Ukraina", building 4A
T +7 48439 97207
info@fapimru.ru

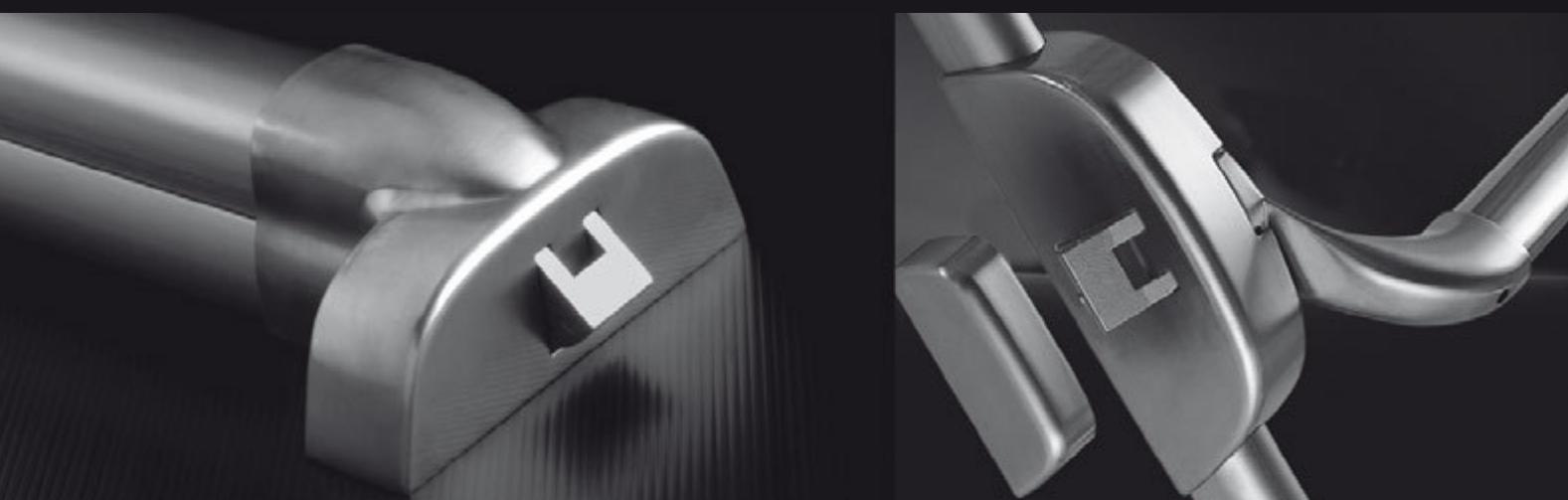
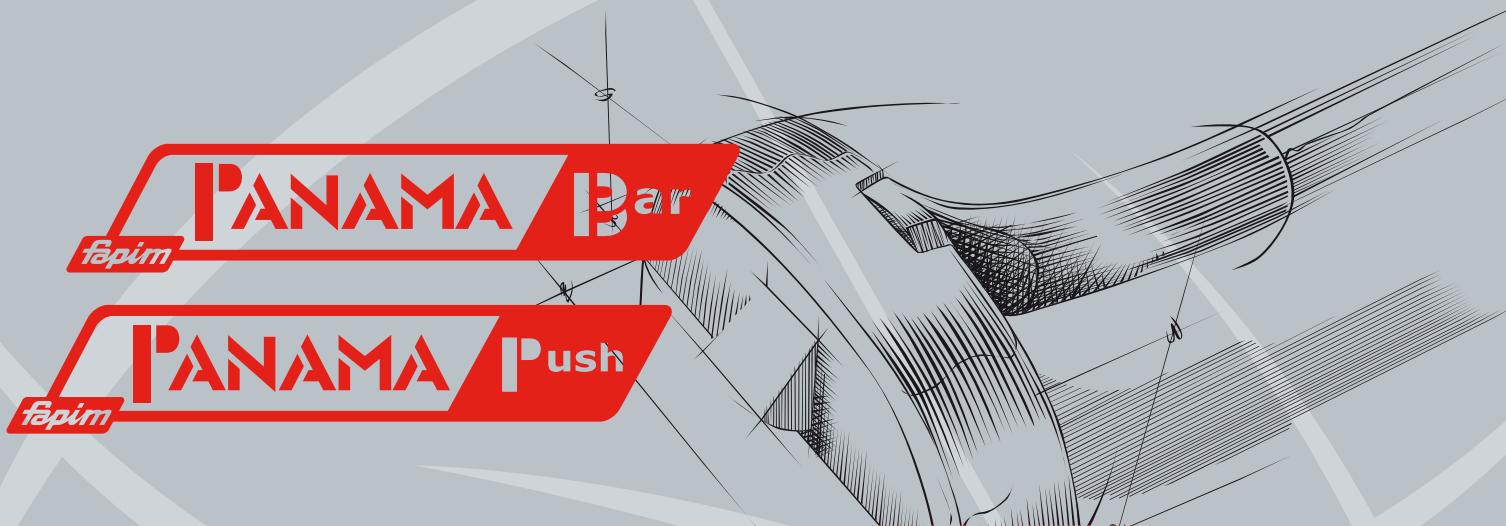
fapim®

ARGENTINA

Fapim Argentina S.A.
Buschiazzo N° 347
(1611) Don Torcuato
Partido de Tigre
Buenos Aires - Argentina
T +54 (11) 48463545

fapim®

made in ITALY

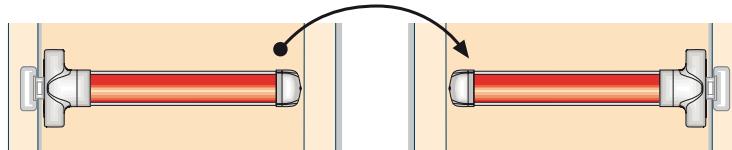
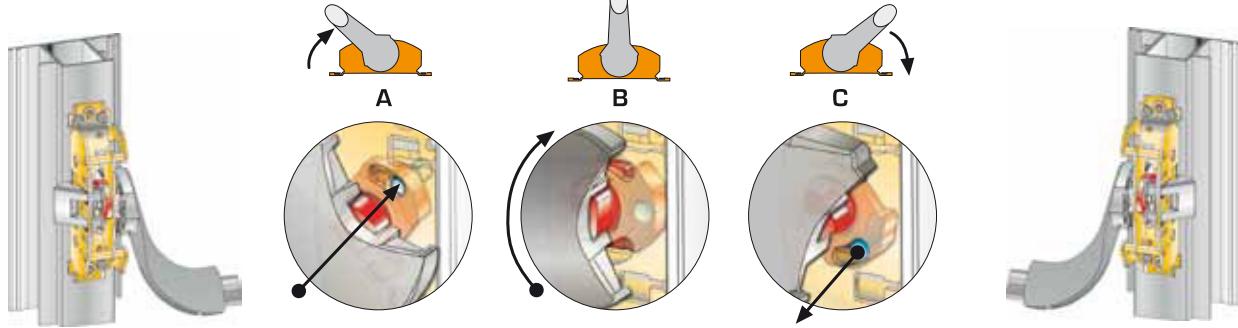


REVERSIBILITÀ - REVERSIBILITY - REVERSIBILITÉ

Su tutte le serrature ed i supporti per porte destre a spingere la reversibilità si ottiene con una operazione estremamente facile e rapida distinta in tre successive fasi: A: Premere il perno con un cacciavite o una chiave esagonale fino ad avvertire l'avvenuto sblocco del braccio. B: Tenendo premuto il perno ruotare il braccio nella direzione opposta a quella iniziale. C: Una volta ruotato completamente il braccio si avverrà uno scatto che segnala l'avvenuto cambio di mano con conseguente affioramento del perno nella nuova posizione.

On all the locks and on the supports for pushing right-hand doors, the reversibility is obtained by extremely easy and quick operation divided into three phases: A: Press the pivot using a screwdriver or an hexagonal wrench till you feel the arm releasing. B: Keeping the pivot pressed, rotate the arm in the direction opposite to the initial one. C: When the arm is completely rotated, you will feel a click; this means that the change of hand has been carried out and the pivot appears on the surface in its new position.

Sur toutes les serrures et les supports pour portes droites à pousser la réversibilité est obtenue par une opération très facile et rapide divisée en trois phases suivantes : A: Appuyer sur l'axe par un tournevis ou par une clé hexagonale jusqu'à avertir l'avènement déclenchement du compas. B: Tenant appuyé l'axe tourner le compas dans la direction opposée à celle initiale. C: Une fois que le compas est tourné complètement on avertira un déclic qui signale l'avènement changement de main avec conséquente apparition de l'axe dans la nouvelle position.

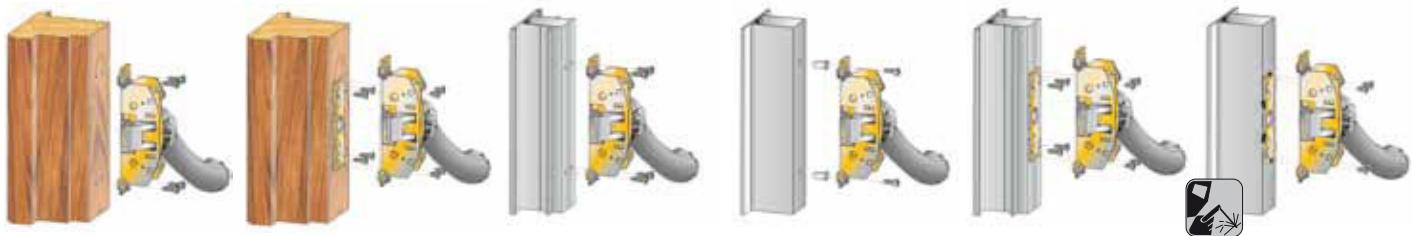


FISSAGGI - FASTENINGS - FIXATIONS

Svariate possibilità di fissaggio: con viti autofilettanti, tirax ad espansione e contropiastre avitabili o saldabili in grado di risolvere anche i più difficili tipo di montaggio. Le contropiastre sono state progettate in modo tale da aderire perfettamente alla sagoma del meccanismo scomparendo al suo interno.

There are several possibilities of fastening: with self-threading screws and screwable or weldable back-plates that help to solve even the most difficult assemblies. The back-plates have been studied in a way to stick perfectly to the shape of the mechanism disappearing inside.

Plusieurs possibilités de fixation : par des vis taraud, tirax à expansion et contre-plaques à visser ou à souder en mesure de résoudre aussi les types de montage plus difficiles. Les contre-plaques ont été étudiées en façon que peuvent adhérer parfaitement à la figure du mécanisme disparaissant à son intérieur.



COLORI - COLORS - COULEURS

La disponibilità di un'ampia gamma di colori lo rendono abbinabile a qualsiasi tipo di porta.

As the product is available in a wide range of colours, it is suitable for any kind of door.

La disponibilité d'une large palette couleurs rende possible assortir ce produit de manière optimale avec n'importe quel type de porte.



CERTIFICAZIONI - CERTIFICATIONS - CERTIFICATIONS

Certificazione di prodotto, Regolamento Prodotti da Costruzione e marcatura CE

La certificazione di prodotto è un atto mediante il quale un terzo ente indipendente dichiara, con ragionevole attendibilità e basandosi su prove sul prodotto e su periodici audit in azienda, che un determinato prodotto è conforme ad una specifica norma od altro documento normativo. L'istituto che rilascia la certificazione di prodotto esegue, periodicamente, audit in azienda per verificare il mantenimento dei requisiti normativi inerenti al processo produttivo.

Il Regolamento Prodotti da Costruzione CPR 305/2011 – che sostituisce ed abroga la Direttiva del Prodotti da Costruzione 89/106/CE – stabilisce che tutti i prodotti installati lungo le vie di fuga devono essere marcati CE per garantire la sicurezza degli utenti. I dispositivi antipanico devono essere conformi alla norma EN 1125:2008 (dispositivi azionati mediante una barra orizzontale), quelli d'emergenza devono essere conformi alla norma EN 179:2008 (dispositivi azionati mediante maniglia o piastra a spinta). L'obiettivo principale delle suddette norme è garantire il grado di sicurezza delle persone in caso d'incidenti o di situazioni di pericolo, fornendo gli standard minimi dei prodotti per la loro installazione sulle porte di sicurezza. La marcatura CE di un prodotto rappresenta la conclusione di un iter armonizzato attraverso cui la prestazione di un prodotto da costruzione è valutata, accertata, garantita – mediante test e/o calcoli e controllo della produzione e dichiarata tramite la dichiarazione di prestazione (obbligatoria dal 1 luglio 2013). La marcatura CE costituisce, inoltre, un passaporto europeo per il prodotto: ne permette, infatti, la libera circolazione negli stati membri della Comunità Europea.

Il costruttore ricepisce quanto disposto dal Decreto del Ministero dell'Interno del 3 novembre 2004 in merito alle "Disposizioni relative all'installazione ed alla manutenzione dei dispositivi per l'apertura delle porte installate lungo le vie d'esodo, relativamente alla sicurezza in caso d'incendio", pubblicato sulla Gazzetta Ufficiale n.271 del 18/11/2004.

Dispositivi Fapim e certificazioni della linea PANAMA

I dispositivi antipanico Fapim della linea PANAMA, con azionamento mediante barra a spinta – BAR – o barra a contatto – PUSH – sono certificati secondo la norma EN 1125. Detti dispositivi sono certificati dall'ente notificato ICIM S.p.A. (n° identificativo: 0425), così come sono certificati – secondo la EN 179 – i dispositivi d'emergenza azionati tramite piastra a spinta CREMONE e PAD. I prodotti, quindi, rispettano i requisiti imposti, soddisfacendo ampiamente le prestazioni richieste dalle rispettive norme armonizzate di riferimento; possono essere utilizzati in tutte le applicazioni, anche le più critiche (massima sicurezza per le persone, alta frequenza d'utilizzo, altissima resistenza alla corrosione, etc.).

I dispositivi antipanico Panama BAR e PUSH sono stati verificati e certificati anche dall'ente notificato polacco ITB (n° identificativo dell'ente: 1488), dall'Istituto russo GOSSTROY di MOSCOW e dall'Istituto ucraino Politecnico di Kiev. Presso il GOSSTROY di MOSCOW ed il Politecnico di Kiev sono certificati anche i dispositivi d'emergenza Panama CREMONE e PAD.

Tutti i dispositivi della linea PANAMA sono idonei ad applicazioni su porte con caratteristiche di resistenza al fumo od al fuoco; i dispositivi della linea Panama CREMONE sono idonei ad applicazioni su porte tagliafuoco.

Resistenza al fuoco

Presso l'Istituto Giordano sono state realizzate prove di resistenza al fuoco su porte tagliafuoco omologate: su queste sono stati installati i dispositivi antipanico ed i comandi esterni. Le prove sono state eseguite in accordo alla norma 1634-1:2001 ed hanno dimostrato che i dispositivi antipanico a barra PANAMA, nella loro configurazione in acciaio e con il relativo kit per applicazioni specifiche tagliafuoco, consentono d'ottenere una resistenza al fuoco pari ad almeno 90 (novanta) minuti.

Product certification, Construction Products Regulation and CE marking

The product certification is an act through which an independent body states the conformity of a product with a specific standard or with a normative document with reasonable reliability and based on product tests and periodic audits of the company. The institute that issues the product certification carries out periodical audits of the company to assess the maintenance of the standard requirements related to the production process.

The Construction Product Regulation CPR 305/2011 – that replaces the Construction Product Directive 89/106/CE – sets that all products installed along the escape routes must be CE marked to ensure the safety of the users.

The panic devices must comply with the EN 1125:2008 standard (devices operated by a horizontal bar), the emergency devices must comply with the EN 179:2008 standard (devices operated by handle or push pad). The main purpose of these standards is to ensure the degree of people safety in case of accident or dangerous situations, providing the minimum standards of the products for their installation on security doors. The CE marking of a product is the result of a harmonized process through which the performance of a product for construction is assessed, diagnosed, ensured by tests and / or calculations and control of the production - and stated by the 'declaration of performance' (mandatory from 1 July 2013). The CE mark is also a European passport for the product: it in fact allows the free circulation within the EU member states.

Fapim devices and PANAMA range certifications

The Fapim panic devices of the PANAMA range, operated by push bar – BAR – or touch bar – PUSH – have been certified in compliance with the EN 1125 standard. These devices have been certified by the ICIM S.p.A. notified body (identification n.: 0425); the emergency devices CREMONE and PAD, operated by push pad, have been certified according to the EN 179 standard. The products, therefore, do comply with the requirements and meet the performances required by the respective harmonized reference standards; they are suitable for use on all applications, even the most critical ones (maximum safety for people, high frequency of use, very high corrosion resistance, etc.).

The Panama BAR and PUSH panic devices have been also assessed and certified by the Polish notified body ITB (identification n.: 1488), By the Russian GOSSTROY of MOSCOW and by the Ukrainian Polytechnic Institute in Kiev. The Panama CREMONE and PAD emergency devices have been also certified by the GOSSTROY of MOSCOW and the Ukrainian Polytechnic Institute in Kiev.

All the devices of the PANAMA range are suitable for application of fire and/or smoke stop doors; the devices of the Panama CREMONE range are suitable for application on smoke-stop doors.

Resistance to fire

Tests of resistance to fire have been carried out on approved fire-stop doors by the Istituto Giordano: panic exit devices and outside access drives have been installed on these doors. The tests have been performed according to the 1634-1:2001 standard and proved that the PANAMA bar operated panic exit devices, in their steel configuration and equipped with the special kit for fire stop application, allow to obtain a resistance to fire of at least 90 (ninety) minutes.

Certification du produit, Réglementation Produits de Fabrication et marque CE

La certification du produit est un acte par lequel un troisième organisme indépendant déclare, avec une raisonnable fiabilité et se basant sur essai sur le produit et sur des visites périodiques dans la société, que un produit spécifique est conforme à un standard spécifique ou autre document qui se réfère à un standard. L'organisme qui donne la certification du produit fait, périodiquement, une visite de contrôle à la société pour vérifier le maintien des conditions requises au sujet du procès de production.

Le Réglementation Produits de Fabrication CPR 305/2011- qui remplace et abroge la Directive du Produits pour la Fabrication 89/106/CE – établi que tous les produits monté sur le sortie de sécurité doivent avoir le maque CE afin de garantir la sécurité aux utilisateurs.

Les dispositifs antipanique doivent être conformes au standard EN 1125:2008 (dispositifs actionnés par une barre horizontale), ces d'émergence doivent être conformes au standard EN 179 :2008 (dispositifs actionnés par une bâquille ou plaque à pousser).

Le but principal pour les standard susdits est de garantir le grade de sécurité des personnes en cas de incidents ou situation de danger, donnant les standards au minimum des produits pour leur installation sur portes de sécurité. Le marquage CE d'un produit représente la fin d'un processus harmonisé par lequel la performance d'un produit de construction est évaluée, confirmée, et garantie par des tests et / ou des calculs et des contrôles de la production - et déclarés par la déclaration de la performance (obligatoire à partir du 01 Juillet 2013). La marque CE est aussi un passeport européen pour le produit: il permet en effet de la libre circulation des membres de l'UE.

Dispositifs Fapim et certifications gamme PANAMA

Les dispositifs antipanico Fapim della gamma PANAMA, con azionamento par barre a spingere – BAR- o barre a contatto- PUSH- sono certificati selon le standard EN 1125. Ces dispositifs sont certifiés par l'organisme notifié ICIM SpA (nr. de identification : 0425); aussi les dispositifs d'émergences actionnés par plaque à pousser CREMONE et PAD ont été certifiés selon le standard EN 179. Les produits, donc, respectent les conditions requises, satisfaisant amplement aux performances demandées par les standards harmonisés de référence ; ils peuvent aussi être utilisés dans toutes applications, aussi les plus difficiles (max sécurité pour les personnes, grande fréquence de utilisation, une très grande résistance à la corrosion etc.).

Les dispositifs antipanico Panama BAR et PUSH ont été vérifiés et certifiés aussi par l'organisme notifié polonais ITB (no. de identification organisme : 1488), par l'Institut Russe GOSSTROY de MOSCOW et par l'Institut Ukrainien Polytechnique de Kiev. Au GOSSTROY de MOSCOW et au Polytechnique de Kiev ont aussi été certifiés les dispositifs de sortie de sécurité CREMONE et PAD.

Tous les dispositifs de la gamme PANAMA sont aptes à applications sur portes avec caractéristiques de résistance au fumage ou au feu ; les dispositifs de la gamme Panama CREMONE sont aptes à applications sur portes coupe-feu.

Résistance au feu

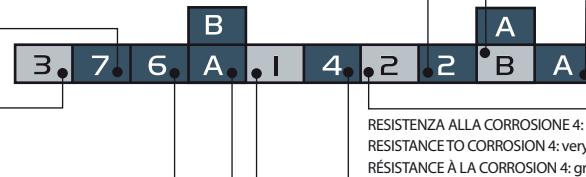
Au l'Istituto Giordano on a réalisé des essais de résistance au feu sur des portes coupe-feu homologués: sur ces dernières on a monté des dispositifs antipanique et manœuvres extérieures. Les essais ont été exécutés en accordance à la norme 1634-1:2001 et ils ont démontré que les dispositifs antipanico à barre PANAMA, dans la configuration en acier et avec le kit apte à des applications spécifiques coupe-feu, permettent d'obtenir une résistance au feu égal ou au moins de 90 minutes

SPORGENZA DELLA BARRA: fino a 100 mm, sporgenza ridotta
BAR PROJECTION: up to 100 mm, reduced projection
PROJECTION DE LA BARRE: jusqu'à 100 mm, projection réduite

DURATA: 7.200.000 aperture
LIFE: 7.200.000 cycles
DUREÉ: 7.200.000 cycles

CATEGORIA D'USO 3: molto frequente
CATEGORY OF USE 3: very frequent use
CATÉGORIE D'UTILISATION 3: très fréquent

MASSA DELLA PORTA 6: fino a 200 kg
WEIGHT OF THE DOOR 6: up to 200 kg
POIDS DE LA PORTE 6: jusqu'à 200 kg)



A: dispositivo antipanico azionato mediante barra a spinta; **B:** dispositivo antipanico azionato mediante barra a contatto
A: panic exit device operated by horizontal push bar; **B:** panic exit device operated by horizontal touch bar
A: dispositif antipanique actionné par la barre à pousser; **B:** dispositif antipanique actionné par barre à toucher

A: anta singola o doppia
A: single or double door
A: porte individuelle ou double

SICUREZZA PER I BENI grado : 2
SAFETY FOR THE ASSETS Degree : 2
SECURITÉ DES BIENS Degré : 2

RESISTENZA ALLA CORROSIONE 4: altissima resistenza, corrispondente a 240 h in camera a nebbia salina
RESISTANCE TO CORROSION 4: very high level, corresponding to 240 hrs in a salt spray test
RÉSISTANCE À LA CORROSION 4: grande résistance qui correspond à 240h dans la chambre au bouillard saline

SICUREZZA PER LE PERSONNE 1: massimo grado di sicurezza
SAFETY DEGREE FOR PEOPLE 1: maximum safety degree
SECURITE POUR LES PERSONNES 1: max degré de sécurité



IDONEITÀ: 0: non idoneo - A: idoneo per porte taglia fumo-B: idoneo per porte taglia fuoco
SUITABILITY: 0: unsuitable - A: suitable for stop smoke doors- B: suitable for stop fire doors



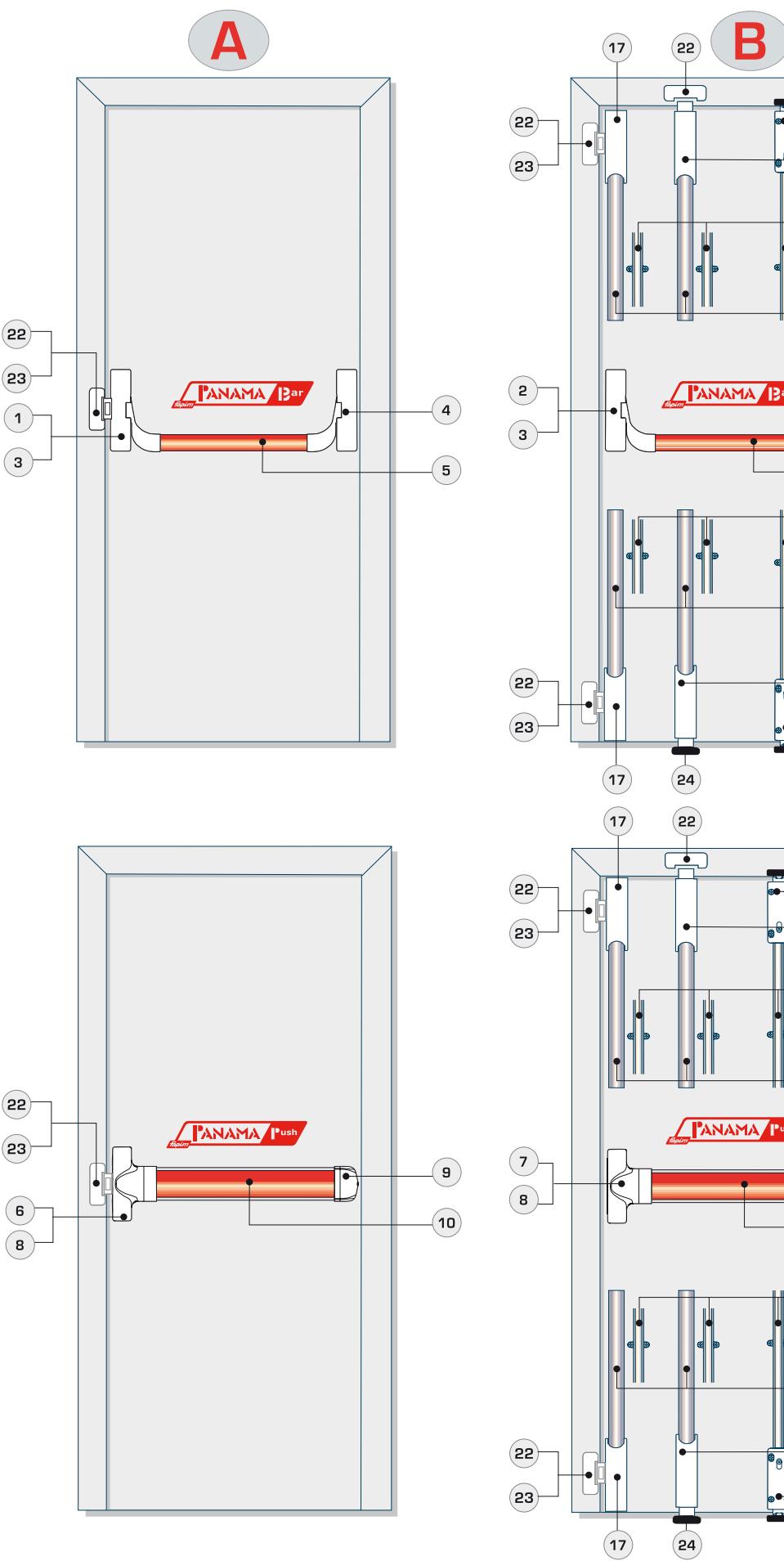
UTILISATION: 0: par apte - A: apte m pour portes coupe-fumée- B: apte m pour portes coupe-feu

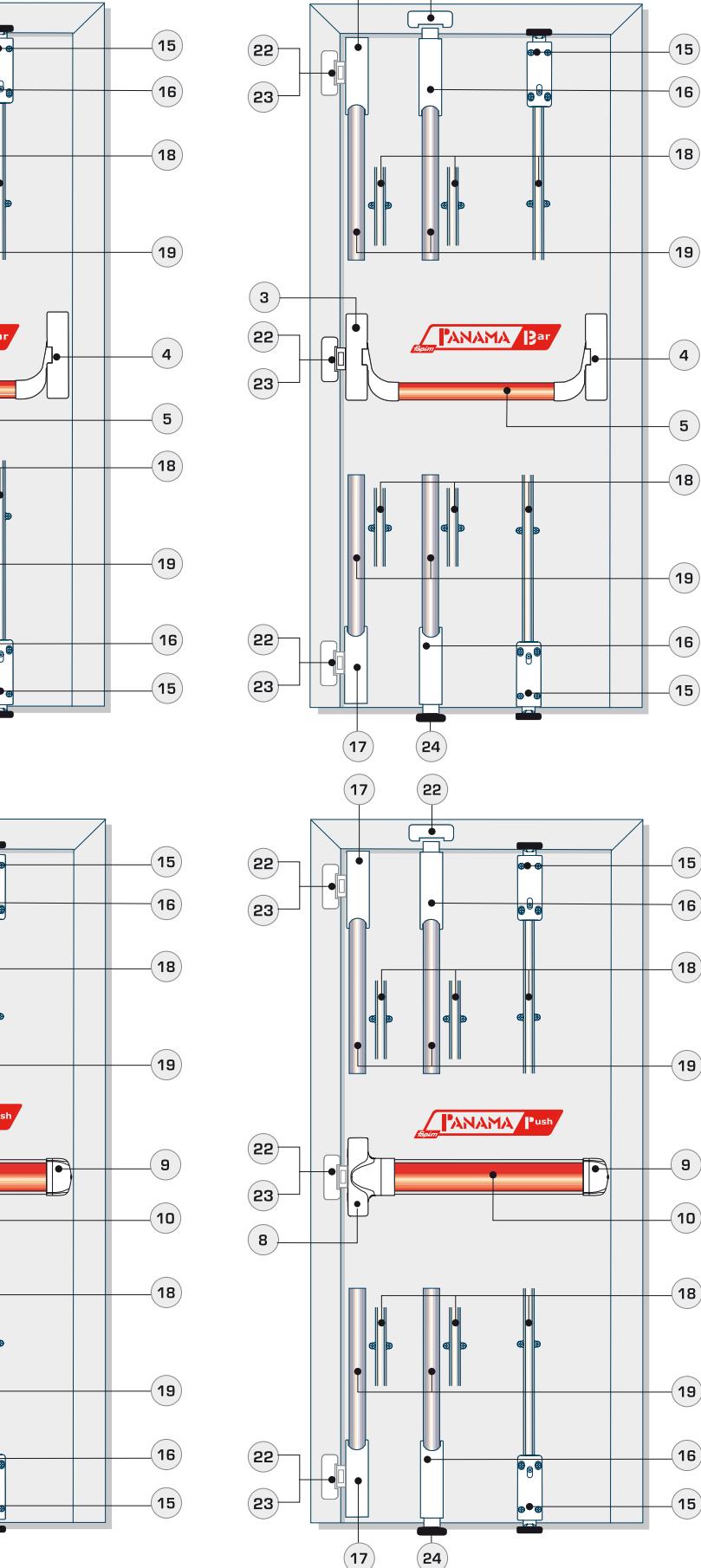
PANAMA Bar

PANAMA Push

PANAMA Bar	
1	
8010	
8010i	
8012	
8012i	
8015	
8020	
8020i	
8022	
8022i	
8032	
8032i	
8035	
8039	
8040	
8040i	
8050	
8100	L=1,000 mm
8100i	L=830 mm
8105	L=1,300 mm
8105i	L=1,130 mm
8110	L=1,500 mm L=1,330 mm

PANAMA Push	
6	
8212	
8212i	
8215	
8222	
8222i	
8232	
8232i	
8235	
8039	
8240	L=1,000 mm
8240i	L= 935 mm
8242	L=1,300 mm
8242i	L=1,235 mm
8245	L=1,500 mm L= 1,435 mm
8250	
8260	L=1,000 mm
8260i	L= 870 mm
8262	L=1,300 mm
8262i	L=1,170 mm
8265	L=1,500 mm L= 1,370 mm
8280	



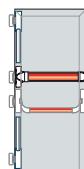
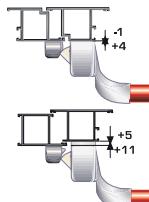


	15		8401			
	16		8401i			
	17		8410			
	18		8410i			
	19		8415			
	20		8430			
	21		8430i			
	22		8435			
	23		8440	950 mm		
	24		8440i	950 mm		
	25		8442	1.365 mm		
	26		8442i	1.365 mm		
	27		8444	2.300 mm		
	28		8450	950 mm		
	29		8450i			
	30		8452	1.365 mm		
	31		8452i	1.365 mm		
	32		8454	2.300 mm		
	33		8500	Zn		
	34		8500i	Zn		
	35		8503	Zn		
	36		8503i	Zn		
	37		8504F	Fe		
	38		8504Fi	Fe		
	39		8505	Zn		
	40		8505i	Zn		
	41		8520			
	42		8520A			
	43		8521			
	44		8521A			
	45		8526	Zn		
	46		8525	Zn		
	47		8525i	Zn		
	48		8527	Zn		
	49		8527i	Zn		
	50		8529	Zn		
	51		8529i	Zn		
	52		8540X	Inx		
	53		8540Xi	Inx		
	54		8542X	Inx		
	55		8542Xi	Inx		

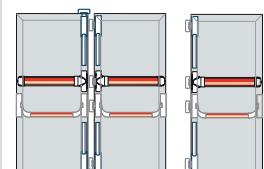
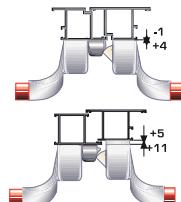
- Meccanismo dotato di cilindro - Mechanism equipped with cylinder - Mécanisme avec cylindre
- Meccanismo predisposto per cilindro - Cylinder preset mechanism - Mécanisme prédisposé pour le cylindre
- Meccanismo solo per comandi interni - Mechanism for handle only without cylinder - Mécanisme pour poignée seulement sans cylindre
- Serratura abbinabile a comando esterno - Lock suitable for external drive - Serrure à coupler avec la manœuvre extérieure
- Serratura non abbinabile a comando esterno - Lock not suitable for external drive - Serrure à ne pas coupler avec la manœuvre extérieure
- Fermo a giorno - Dogging mechanism - Dispositif jour-nuit
- Funzionamento a chiave inserita - Working with the key inserted - Fonctionnement avec la clé insérée
- Serrature e scroppi con bloccaggio - Locks and latch bolts with self-locking device - Serrures et pênes à blocage automatique
- Azionabile elettricamente - Electrically operated - Actionné électrique
- Maniglione per porte tagliafuoco - Panic exit device suitable for use on firestop doors - Maniglione pour portes coupe-feu
- Maniglione per porte tagliafuoco - Panic stop doors - Maniglione pour portes coupe-feu

INCONTRI REGOLABILE - ADJUSTABLE KEEPERS - GÂCHES RÉGLABLE

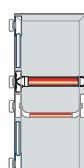
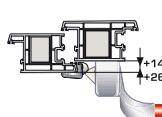
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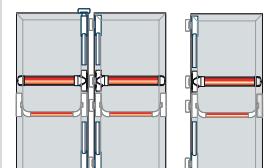
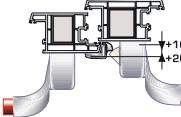
8525 - 8525i



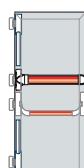
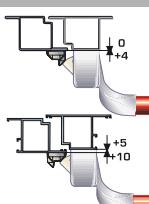
8503 - 8503i



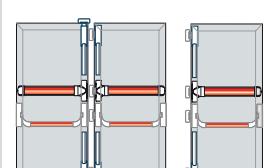
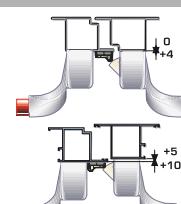
8527 - 8527i



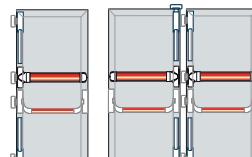
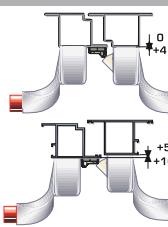
8505 - 8505i



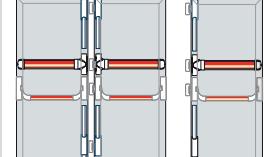
8529 - 8529i



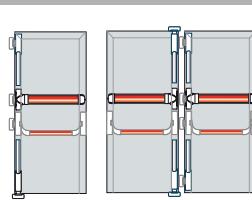
8504F - 8504Fi



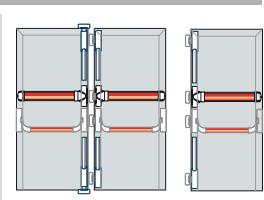
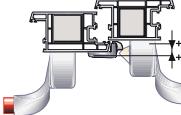
8542x - 8542Xi



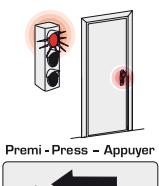
8540X - 8540Xi



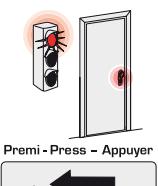
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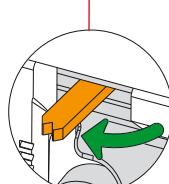
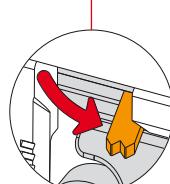
8520



8521



8520A
8521A



Premi - Press - Appuyer



Premi - Press - Appuyer



Premi - Press - Appuyer



Premi - Press - Appuyer



Rilascia - Release - Libérer



Rilascia - Release - Libérer



Rilascia - Release - Libérer



Rilascia - Release - Libérer

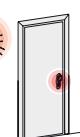


8520
8520A



8-12V~

OFF

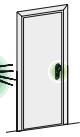


8521
8521A



12V=

OFF



MANIGLIA PER COMANDO ESTERNO - HANDLE FOR EXTERNAL DRIVE - BÉQUILLE POUR MANŒUVRE EXTÉRIEURE


8570 - 8570i



8570A - 8570Ai



8571 - 8571i



8580



8585



8567i



8572 - 8572i



8573 - 8573i



8574



8575



8569i



8577



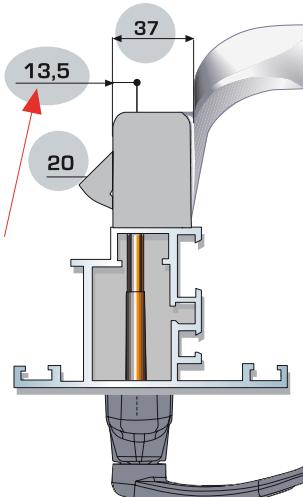
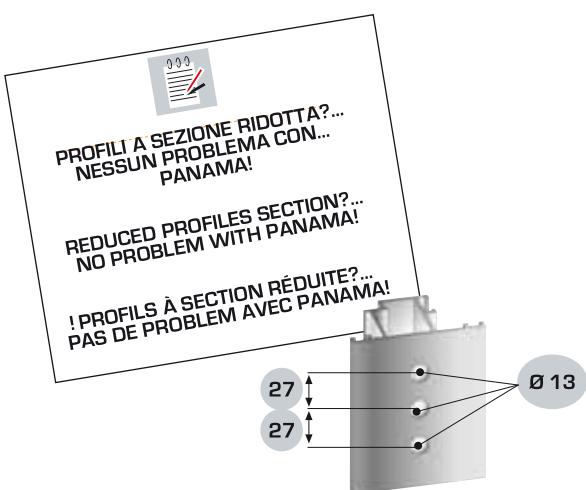
8587



L'asse del perno maniglia [per il comando esterno] è decentrato di 5 mm [13,5 dall'esterno]: questo consente il montaggio del maniglione sulla maggior parte dei profili.

The axis of the handle pivot [for the external drive] is off-center for 5mm [13,5 from the external]: this permits the assembling of the panic exit device on most profiles.

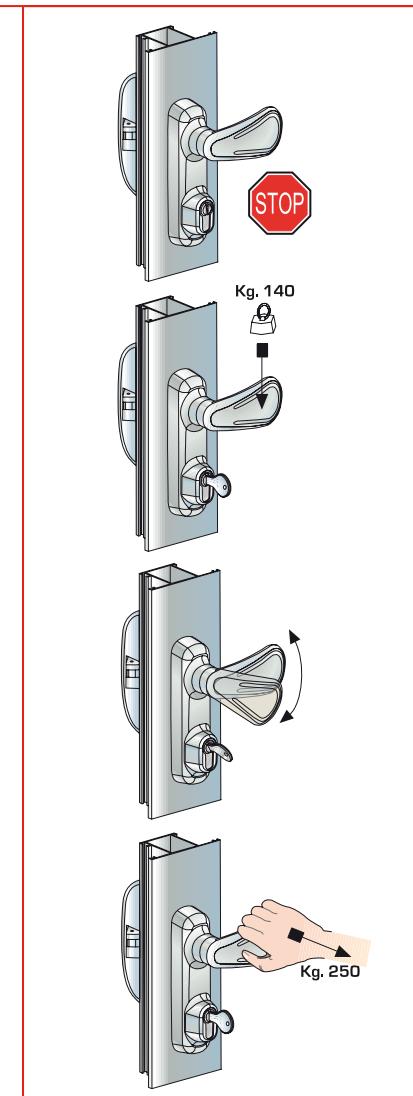
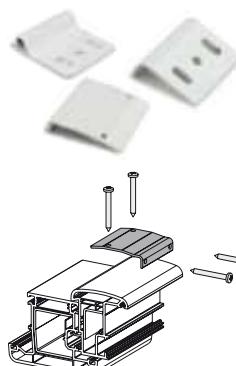
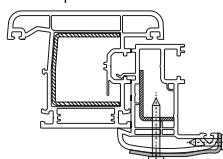
L'axe du pivot de la bâquille [pour la manœuvre extérieure] est décentré de 5mm [13,5 de l'extérieur]; ça permet le montage de l'antipanique sur la plupart des profils.



Oltre agli incontri standard, presenti a catalogo, nella gamma Panama sono disponibili anche una serie soluzioni speciali, che possono essere richieste e studiate in funzione dell'applicazione particolare da eseguire.

Besides the standard keepers shown in the catalogue, the Panama range also includes a number of special solutions that can be requested and developed whenever a special application is required.

En plus aux gâches standard présentées dans le catalogue, dans la gamme Panama ils sont disponibles une gamme de solutions spéciales qui peuvent être demandées et étudiées en fonction de l'application particulière à exécuter.





FAPIM S.P.A.
VIA DELLE CERBAIE, 114 - 55011 ALTOPASCIO (LU) ITALIA
TEL. +39 0583 2601
FAX +39 0583 25291
WWW.FAPIM.IT
INFO@FAPIM.IT



FAPIM BENELUX S.P.R.L.B.V.B.A.
AVENUE RUE ST. ROCH, 17 - 7712 HERSEAU BELGIUM
TEL. +32 56 340548
FAX +32 56 341960
INFO@FAPIMBENELUX.BE



FAPIM HISPANIA S.L.
C/EDISON, ESQ. A. INGENIERO GOICOECHEA
45600 PARCELA, 74 TALAVERA DE LA REINA (ESPAÑA)
TLFN. +34 925 828357
FAX +34 925 841148
ADMINISTRACION@FAPIMHISPANIA.COM
PEDIDOS@FAPIMHISPANIA.COM



FAPIM POLSKA SP.ZO.O.
J.PILSUDSKIEGO 200
05-270 MARKI - POLONIA
TEL. +48 22781 3797
FAX +48 22781 1022
INFO@FAPIM.PL



FAPIM RU LLC
249010, DOM 33, KIEVSKOE SHOSSE,
OBNINSK, KALUGA REGION
RUSSIAN FEDERATION
TEL. +79 163116480



FAPIM ARGENTINA S.A.
CALLE ERNESTO RUTTERFORD N° 4749
LOCALIDAD DE AREA DE PROMOCION EL
TRIANGULO
PARTIDO DE MALVINAS ARGENTINAS
PROVINCIA DE BUENOS AIRES
ARGENTINA



DOMATIC S.R.L.
VIA CHIMENTI, 32
55011 ALTOPASCIO (LU) ITALIA
TEL. +39 0583 2601
FAX +39 0583 25291
WWW.DOMATIC.IT
INFO@DOMATIC.IT



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**TITAN**

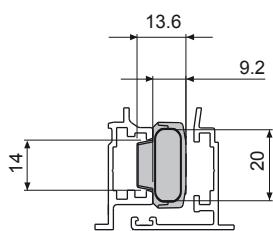
**TITANDUE**

**TITANTRE**

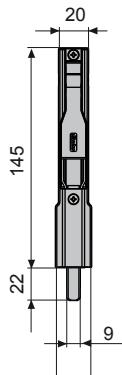
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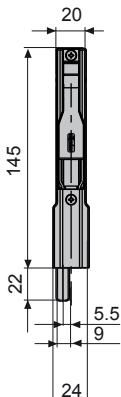
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3720AS	20



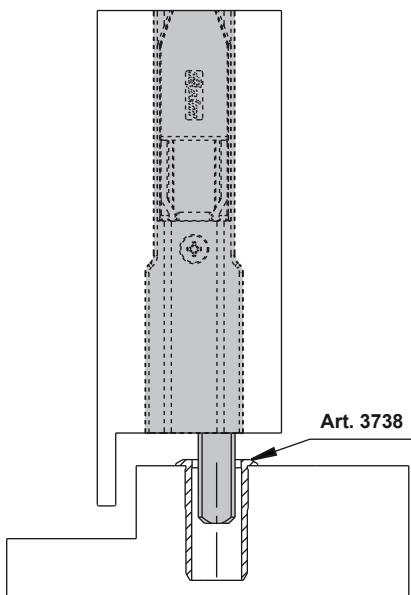
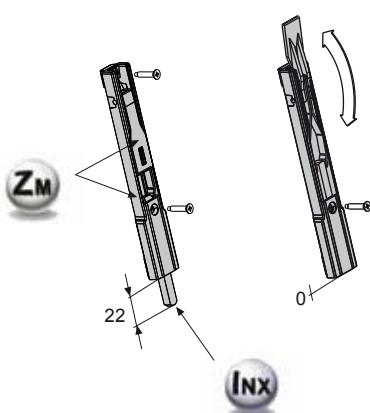
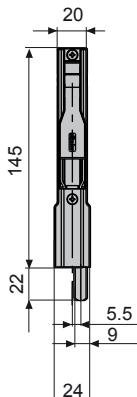
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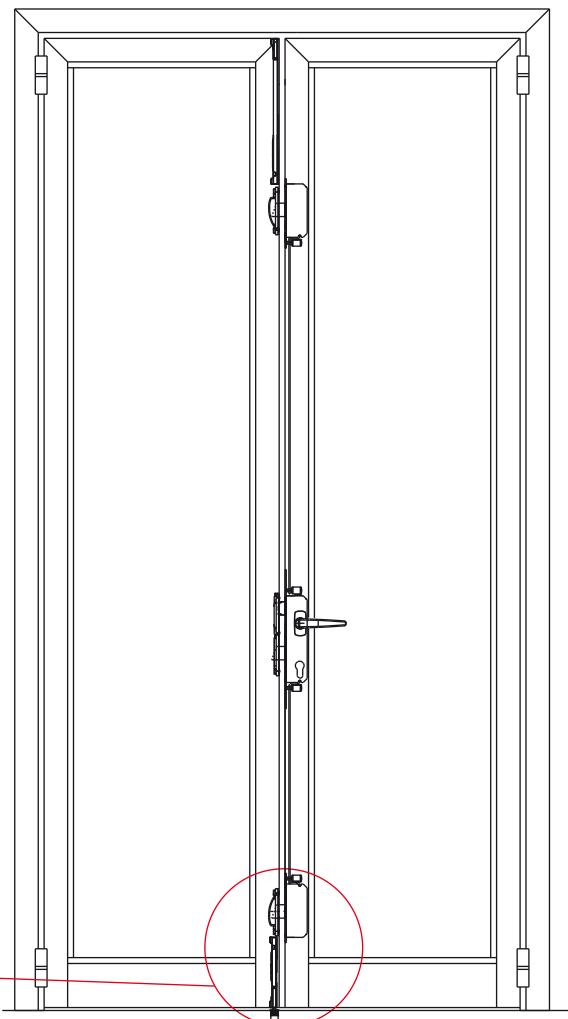
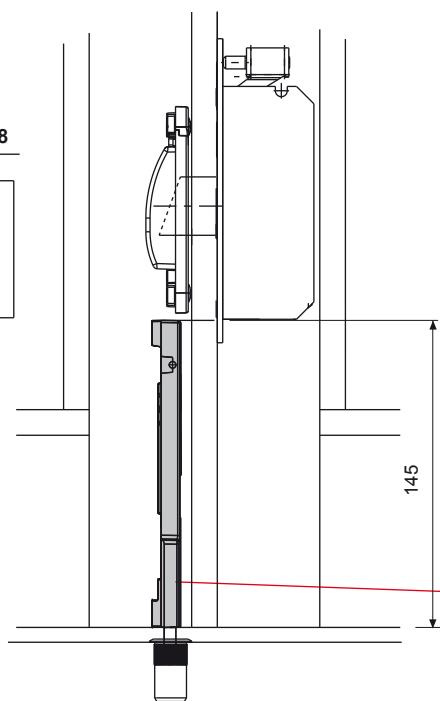
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3720AS

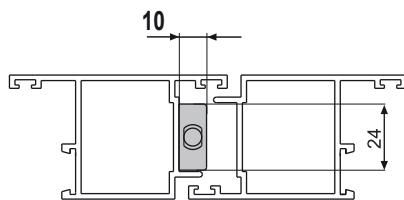


Art. 3738

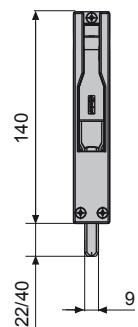




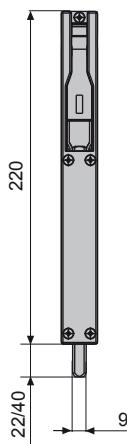
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3715A		20
3716		20
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3719	232	20
3717		20



**3714
3714A**



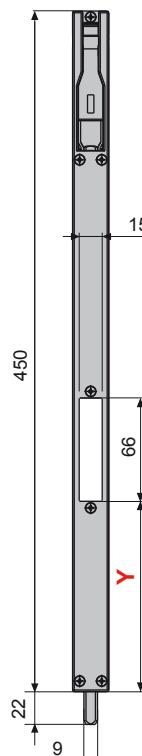
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3715A**



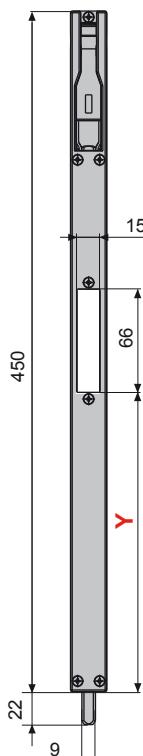
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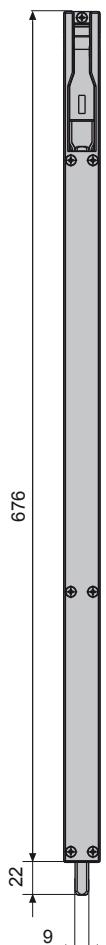
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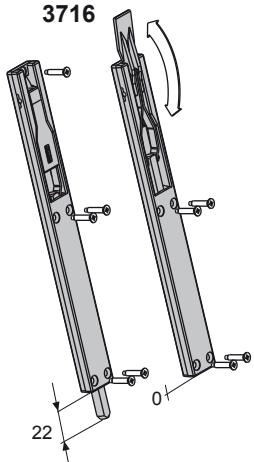
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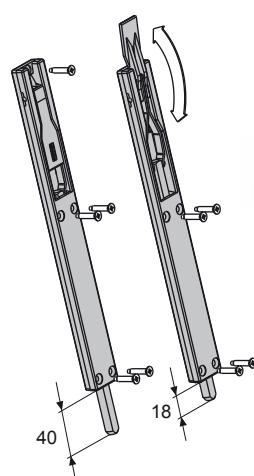
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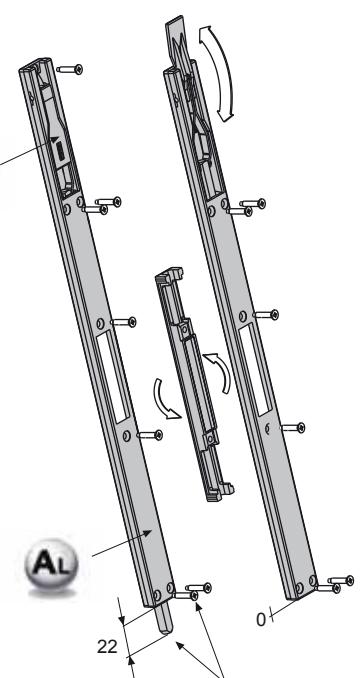
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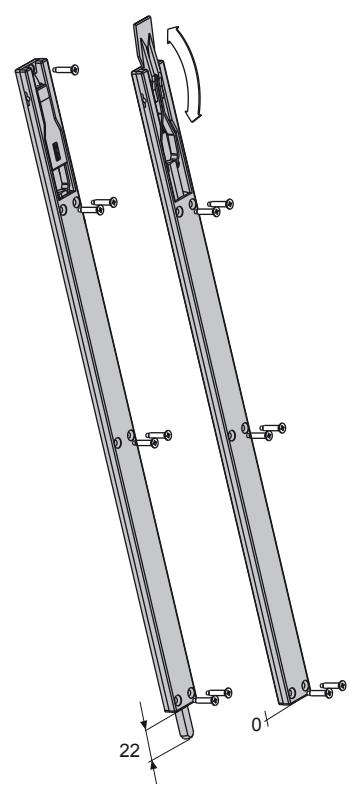
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3715A**



**3718
3719**

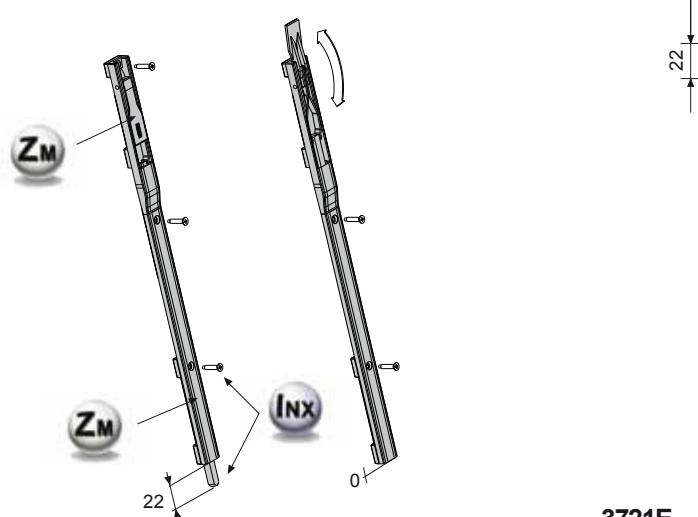
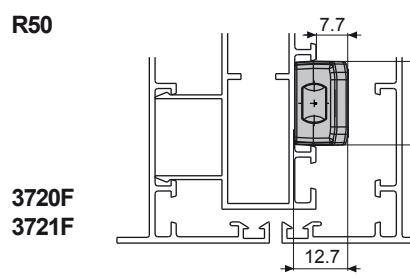
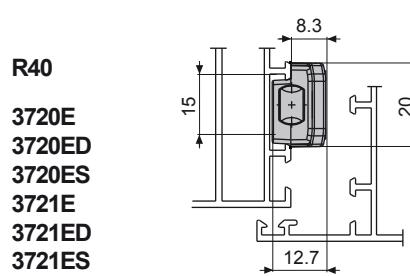
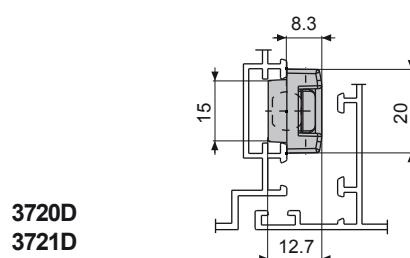
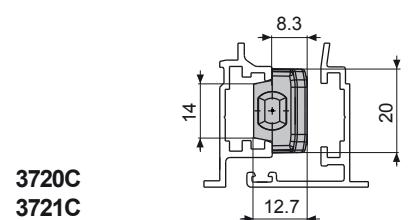
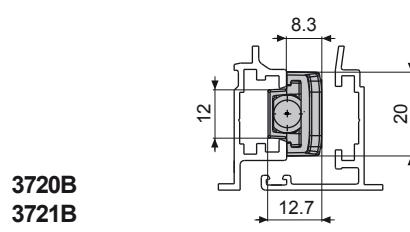
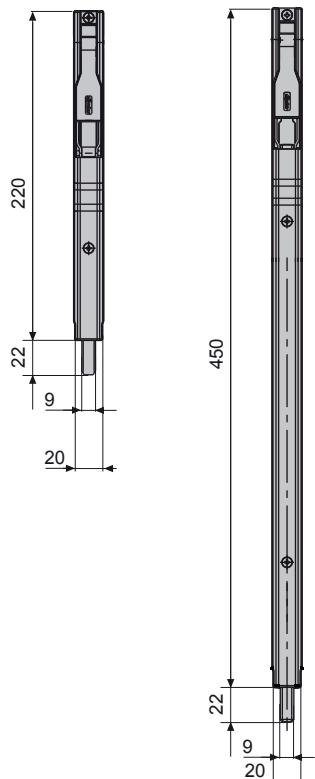


3717



3720B...F 3721B...F

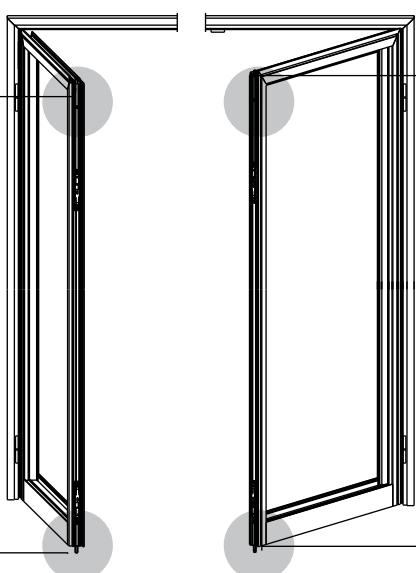
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3721C	20
3721D	20
3721E	10 3721ED / 10 3721ES
3721ED	20
3721ES	20
3721F	20



3721E
3721ED
3721E
3721ED

3721E
3721ES
3721E
3721ES

3721E
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3721E
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3721ES

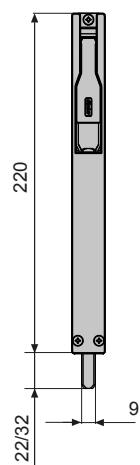
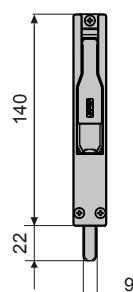
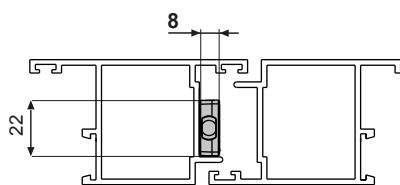


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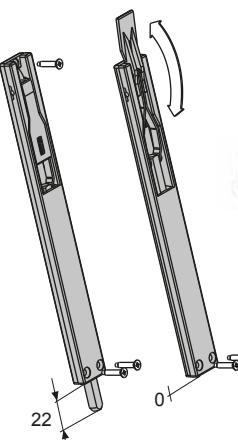
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3722B/BA

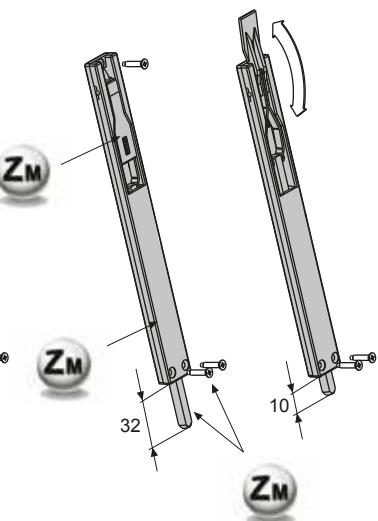
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3722BA	20



3722A/3722B



3722BA



3723

3726

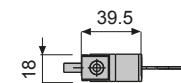
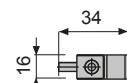
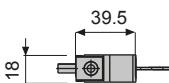
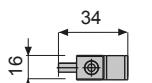
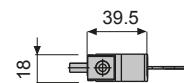
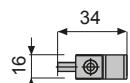
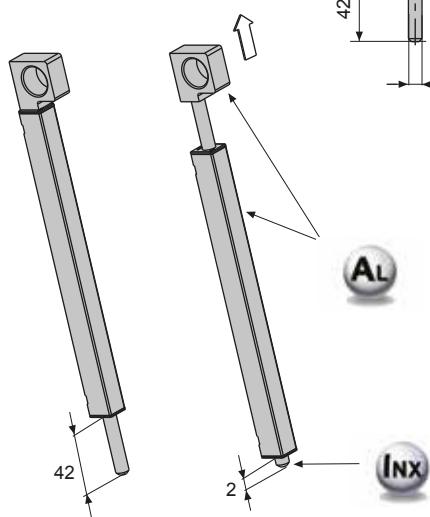
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3727

3725

3728

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3723	20
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FAPIM S.P.A.
VIA DELLE CERBAIE, 114 - 55011 ALTOPASCIO (LU) ITALIA
TEL. +39 0583 2601
FAX +39 0583 25291
WWW.FAPIM.IT
INFO@FAPIM.IT



DOMATIC

WWW.DOMATIC.IT
INFO@DOMATIC.IT



FAPIM BENELUX S.P.R.L.B.V.B.A.
AVENUE RUE ST. ROCH ,17 - 7712 HERSEAU BELGIUM
TEL. +32 56 340548
FAX +32 56 341960
INFO@FAPIMBENELUX.BE



FAPIM HISPANIA S.L.
C/EDISON, ESQ. A. INGENIERO GOICOECHEA
45600 PARCELA, 74 TALAVERA DE LA REINA (ESPAÑA)
TLFN. +34 925 828357
FAX +34 925 841148
ADMINISTRACIÓN@FAPIMHISPANIA.COM
PEDIDOS@FAPIMHISPANIA.COM



FAPIM POLSKA SP.Z.O.O.
J.PILSUDSKIEGO 200
05-270 MARKI - POLONIA
TEL. +48 22781 3797
FAX +48 22781 1022
INFO@FAPIM.PL



FAPIM RU LLC
249010, DOM 33, KIEVSKOE SHOSSE,
OBNINSK, KALUGA REGION
RUSSIAN FEDERATION
TEL. +79 163116480



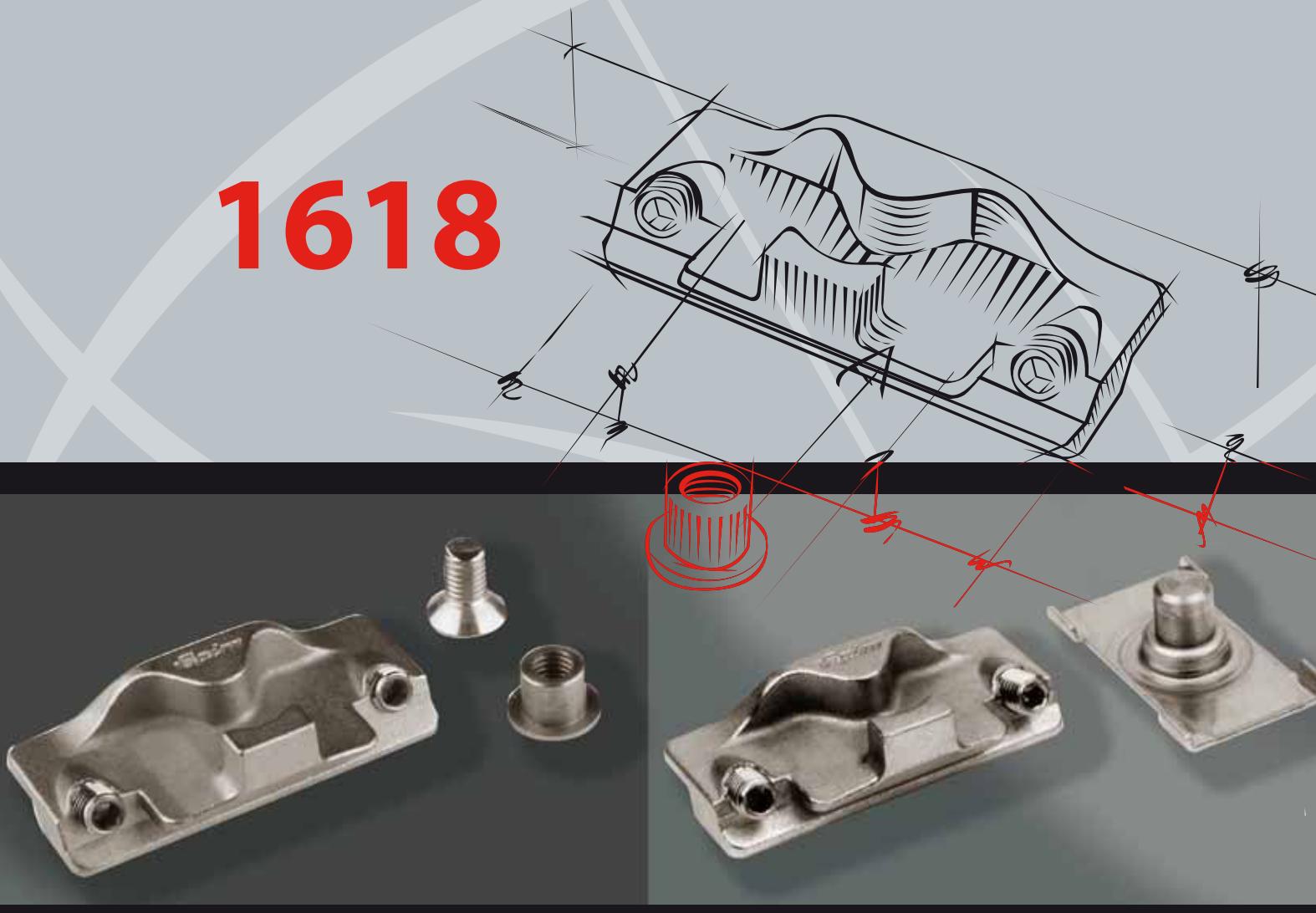
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PARTIDO DE MALVINAS ARGENTINAS
BUENOS AIRES - ARGENTINA
TEL. PLANTA: (+54) (3327) 453049
FAX PLANTA: (+54) (3327) 442312



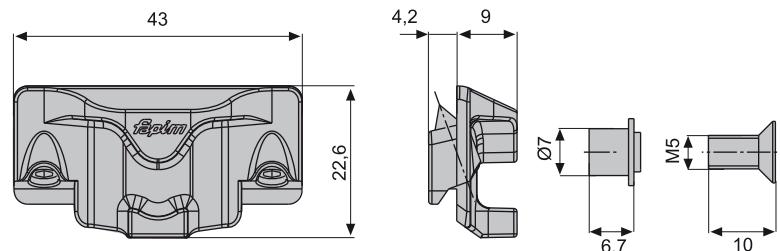
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1618

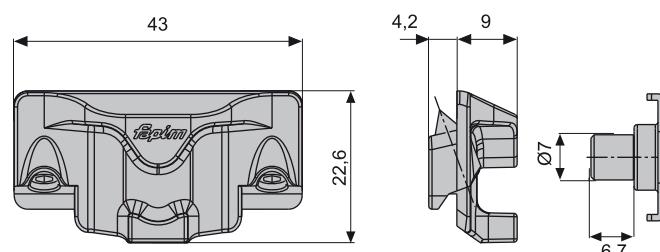


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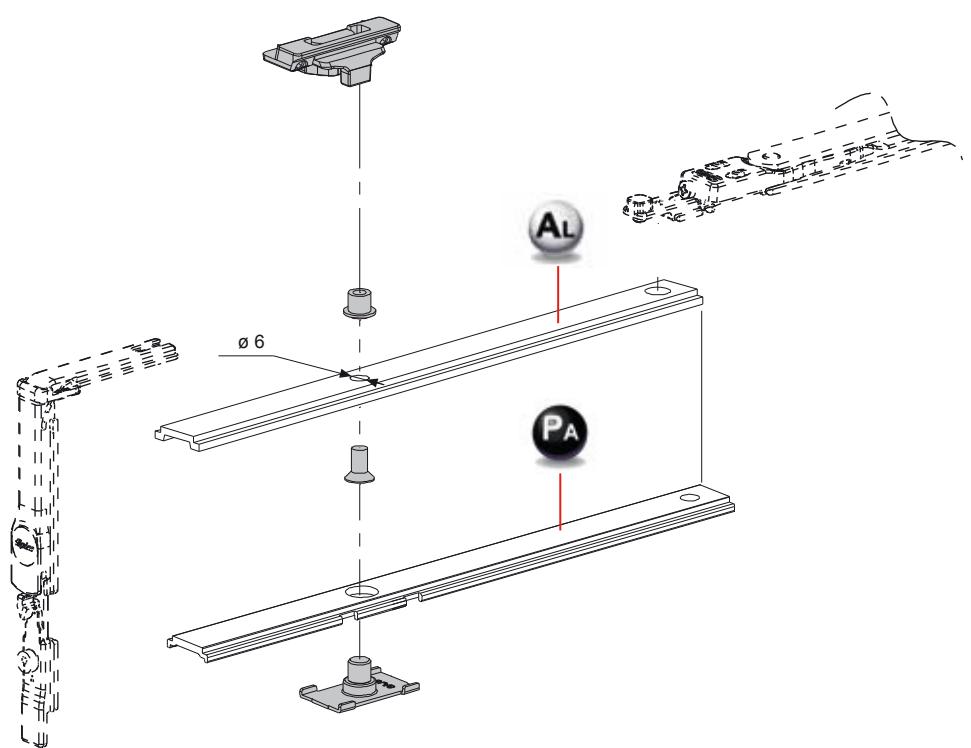
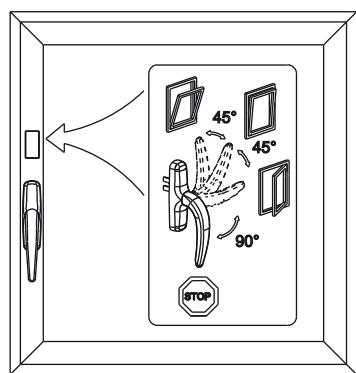


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1618B

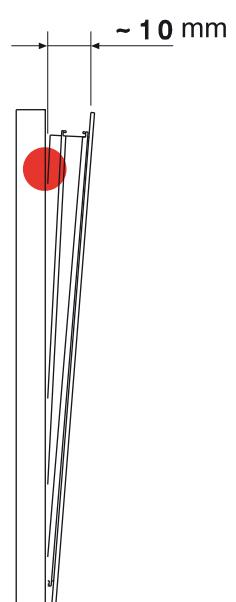
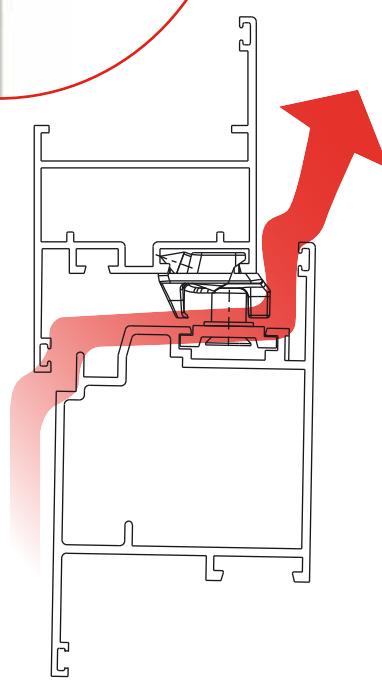


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FAPIM S.P.A.
VIA DELLE CERBAIE, 114 - 55011 ALTOPASCIO (LU) ITALIA
TEL. +39 0583 2601
FAX +39 0583 25291
WWW.FAPIM.IT
INFO@FAPIM.IT



FAPIM BENELUX S.P.R.L.B.V.B.A.
AVENUE RUE ST. ROCH, 17 - 7712 HERSEAU BELGIUM
TEL. +32 56 340548
FAX +32 56 341960
INFO@FAPIMBENELUX.BE



FAPIM HISPANIA S.L.
C/EDISON, ESQ. A. INGENIERO GOICOECHEA
45600 PARCELA, 74 TALAVERA DE LA REINA (ESPAÑA)
TLFN. +34 925 828357
FAX +34 925 841148
ADMINISTRACION@FAPIMHISPANIA.COM
PEDIDOS@FAPIMHISPANIA.COM



FAPIM POLSKA SP.Z.O.O.
J.PILSUDSKIEGO 200
05-270 MARKI - POLONIA
TEL. +48 22781 3797
FAX +48 22781 1022
INFO@FAPIM.PL



FAPIM RU LLC
249010, DOM 33, KIEVSKOE SHOSSE,
OBNINSK, KALUGA REGION
RUSSIAN FEDERATION
TEL. +79 163116480



DOMATIC S.R.L.
VIA CHIMENTI, 32
55011 ALTOPASCIO (LU) ITALIA
TEL. +39 0583 216603
FAX +39 0583 216604
WWW.DOMATIC.IT
INFO@DOMATIC.IT

