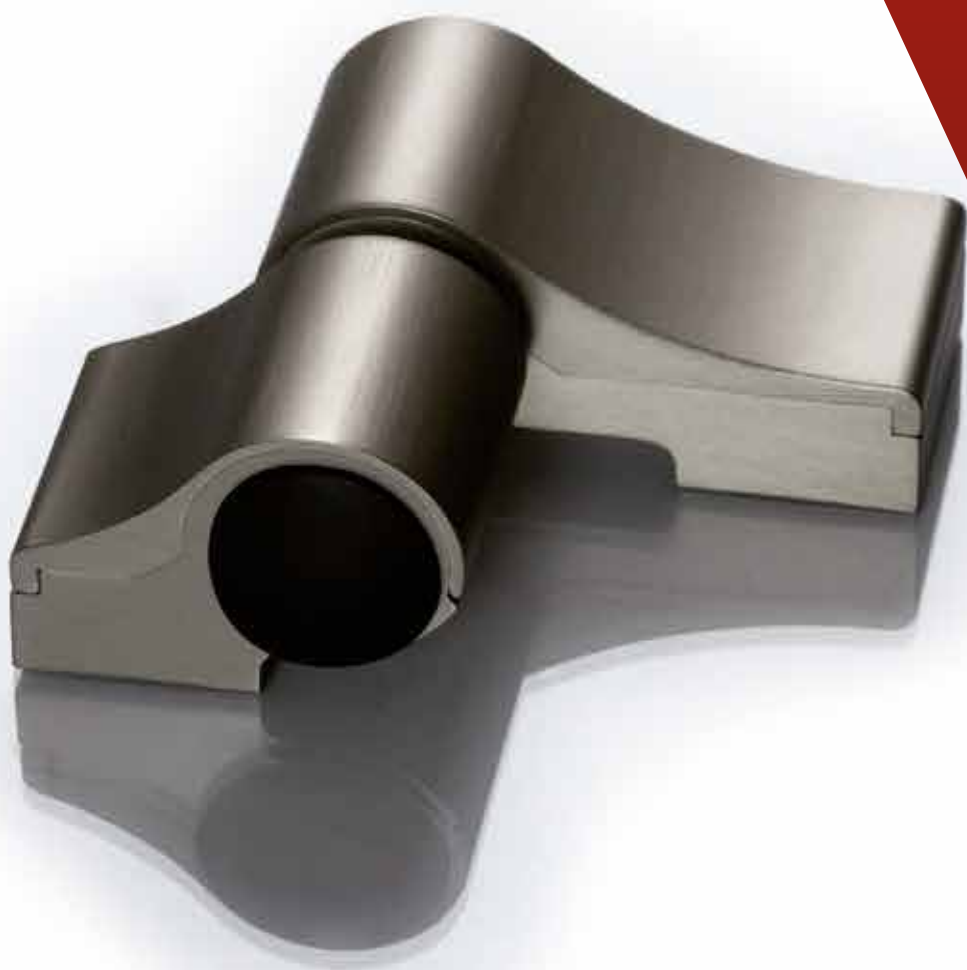


# LOIRA+

DOOR SUPPORTING HINGES



 Made in Italy

**fapim**<sup>®</sup>

Life in evolution



SUPPORTING HINGE FOR DOORS

**LOIRA+**

 Made in Italy

**fapim**<sup>®</sup>

Life in evolution

bella, grazie a linee morbide e filanti in grado di soddisfare le esigenze del design moderno

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

belle, grâce à ses lignes douces et fluides en mesure de satisfaire toutes les exigences du design moderne

bella, por sus líneas suaves y elegantes , que satisfacen las exigencias del moderno diseño .

elegante, graças às suas linhas suaves i elegantes, que satisfacen os requisitos da concepção moderna.

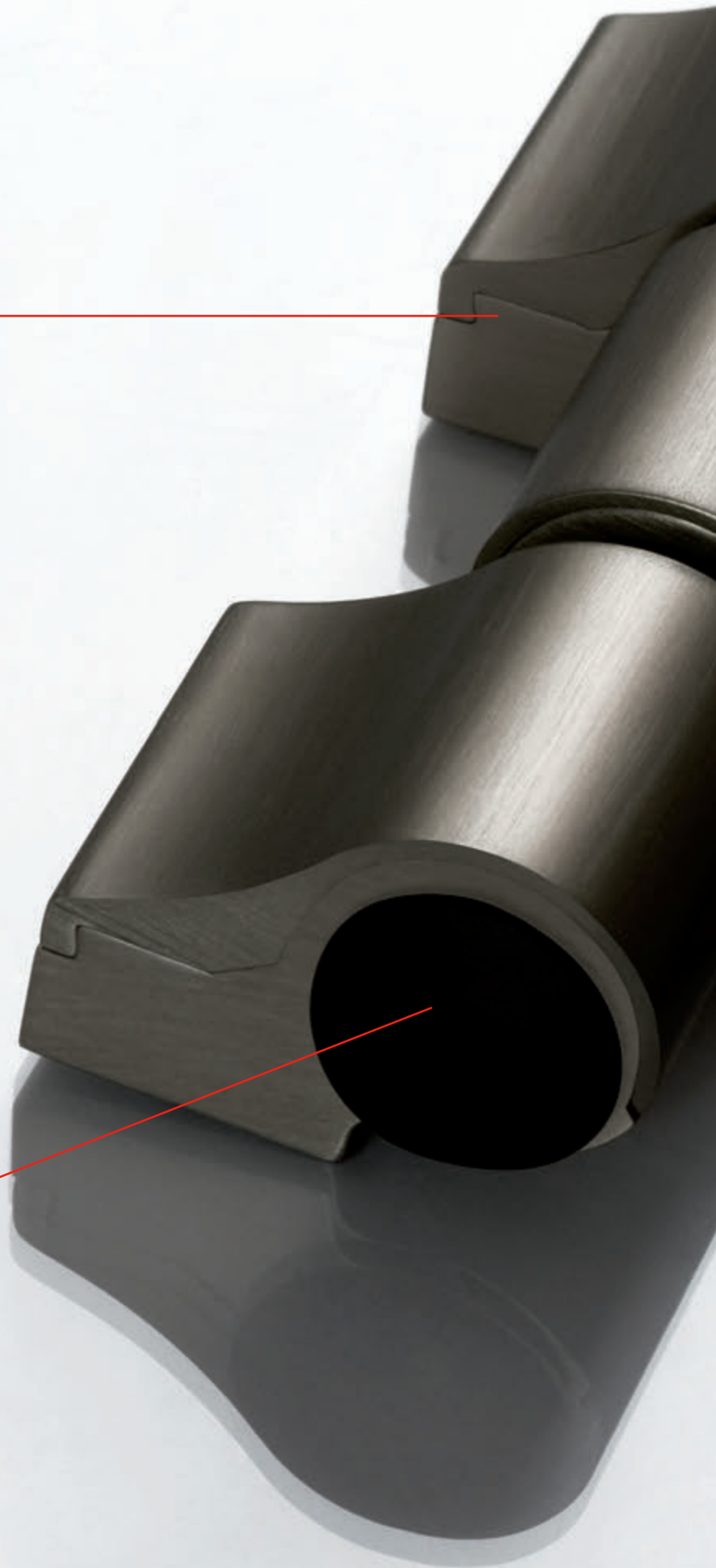
facile nel montaggio e rapida nella regolazione micrometrica in tre direzioni, eseguibile a porta chiusa

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

facile dans son montage et rapide dans son réglage micrométrique en trois dimensions qui se fait à porte fermée

fácil en el montaje y en la regulación micrométrica en tres direcciones, que se efectúan con puerta cerrada.

fácil montagem e afinação do micrométrica em três direções, que se realiza com a porta fechada.





**LOIRA+**

completa, grazie agli innumerevoli kit di fissaggio, adatti ad ogni necessità

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

complete, grâce à ses très nombreux kits de fixation adaptés à chaque nécessité

completa, gracia a los innumerables kits de fijación aptos para todas las necesidades.

completa por los kits de fixação adequados para todas as necessidades.

sicura ed estremamente robusta, certificata CE EN 1935:02 ed antieffrazione SKG ENV 1627

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

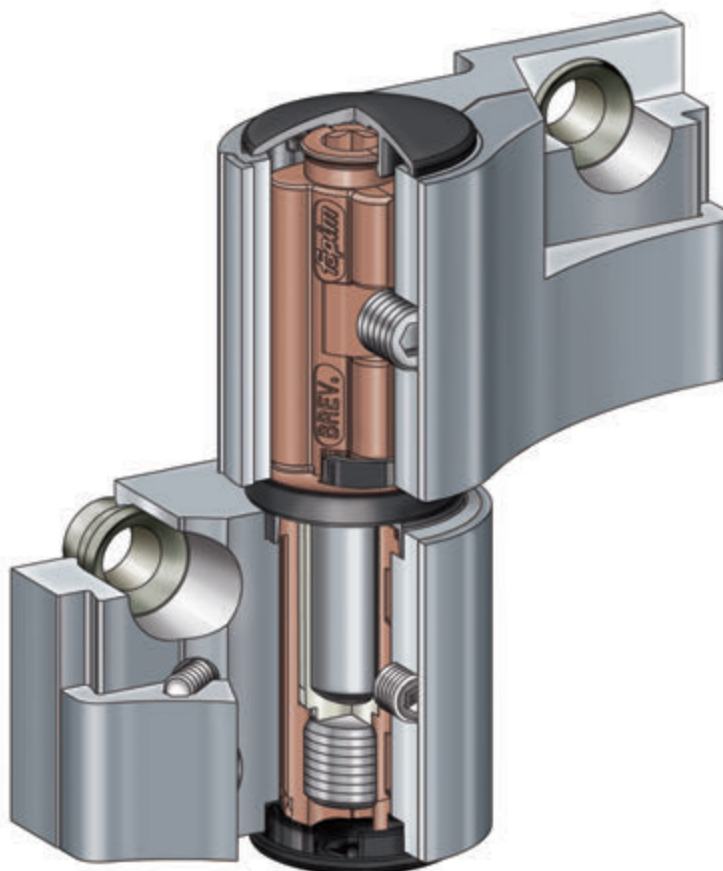
sure grâce à ses certifications CE EN 1935:02 pour la portée et SKG ENV 1627 pour l'anti-effraction

segura y extremamente robusta , certificada CE EN 1935:02 y anti robo ENV 1627 SKG

segurança certificada CE EN 1935:02 e anti-roubo ENV 1627 SKG

**fapim**<sup>®</sup>

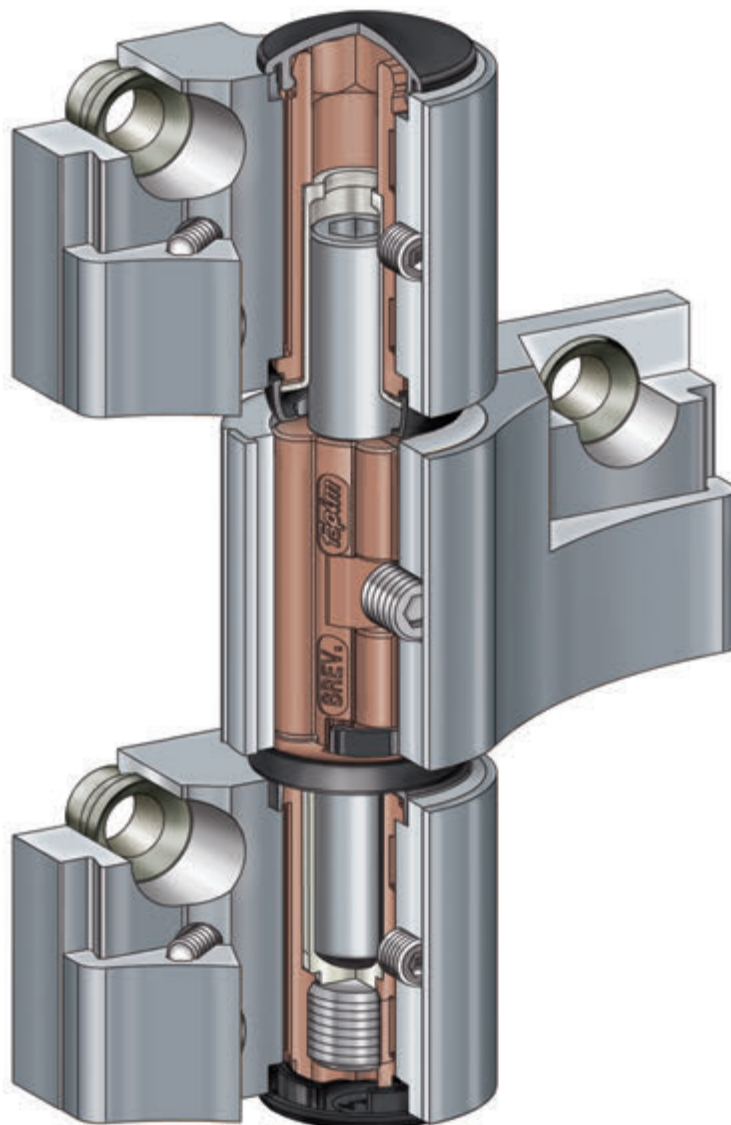
Life in evolution



Loira+ è la nuova gamma di cerniere per porta, a due e tre ali, totalmente rinnovata nel design, dal know-how avanzato e coperta da brevetti, che abbina tutti i vantaggi delle precedenti versioni ed una maggiore facilità di utilizzo, soprattutto nel montaggio e nella regolazione. Loira+ è dotata di tre regolazioni: orizzontale, verticale ed in pressione della guarnizione, ciascuna indipendente dalle altre ed eseguibile sempre a porta chiusa e tramite un'unico operatore. Loira+ è realizzata con profili in alluminio estruso, disponibile in ogni tipo di finitura e certificata CE EN 1935:02 ed antieffrazione ENV 1627 SKG.

Loira+ is the new 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. 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 paumelles de porte, à deux et trois lames, totalement renouvelée dans le design, ayant un know-how particulier et breveté ; elle met ensemble les avantages des anciennes versions à une plus facile utilisation surtout au niveau du montage et de réglage. Loira+ est équipée de trois réglages : en horizontal, en vertical et en pression du joint, chacun indépendant par rapport aux autres et à effectuer toujours à porte fermée et par un seul opérateur. 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+, la nueva serie de bisagras para puertas de dos o tres palas, renovada en su totalidad en el diseño, patentada, y con know how revolucionario, aquí se juntan todas las ventajas de las versiones anteriores con una todavía mayor facilidad de uso, sobretodo en lo que se refiere al montaje y regulación. Loira+ dispone de tres tipos de regulaciones: horizontal vertical y en la presión de la goma, cada una independiente de las otras y realizable siempre con puerta cerrada y por un openador único. Loira+ está fabricada de perfiles de aluminio de extrusión, disponible en cada tipo de acabado, certificada CE EN 1935:02 y anti robo SKG ENV 1627.

Loira+, é a nova serie de dobradiças para portas de duas ou tres abas, renovada na sua totalidade e no desenho. Patentada e con know konw revolucionario. Aquí encontranse todas as vantagens das versões anteriores ainda com maior facilidade de utilização, especialmente no que diz respeito à montagem ea afinação. Loira + tem três tipos de afinação: horizontal, vertical e pressão sobre a borracha, cada uma independente das outras. Sempre com a porta fechada e um único operador. Loira + é fabricada a partir de perfis em extrusão de alumínio, disponível em cada tipo de acabamento. CE certificadas EN 1935:02 e anti-roubo SKG ENV 1627.



Testata 160 Kg – 10.000.000 cicli  
 Tested up to 160 Kg – 10.000.000 cycles  
 Testée jusqu'à 160 Kg – 10.000.000 cycles  
 Ensayo 160 Kg – 10.000.000 ciclos  
 Testada até 160 kg - 10.000.000 ciclos



Corpo in alluminio estruso.  
 Body in extruded aluminium.  
 Corps en aluminium extrudé.  
 Cuerpo de aluminio de extrusión.  
 Corpo en extrusão de alumínio.



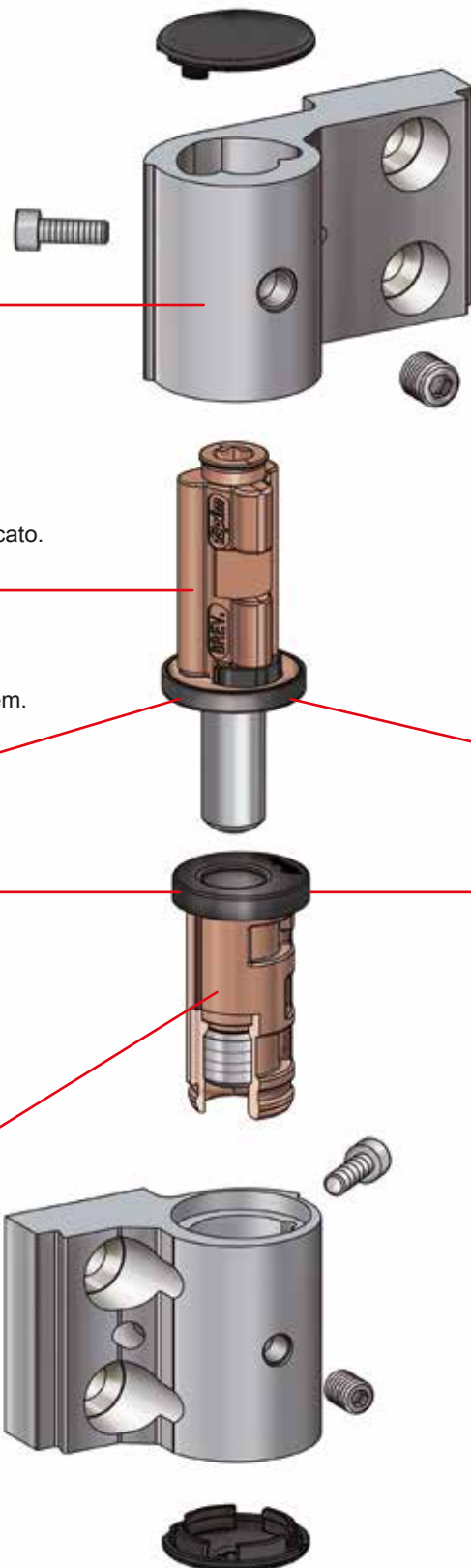
Boccola superiore in zama, premonatata su perno in acciaio inox rettificato.  
 Bush in zamak, pre-assembled on rectified stainless steel pin.  
 Douille en zamak, pré-montée sur l'axe en acier inox rectifiée.  
 Casquillo de zamak, pre-montado con su eje de acero inox rectificado.  
 Casquilho en zamak, pré-montado com fiel de aço inoxidável ou moagem.



Sistema antieffrazione.  
 Anti-theft system.  
 Système antieffraction.  
 Sistema anti robo.  
 Sistema anti-roubo.



Boccola inferiore in zama, con inserto in Delrin antifrizione.  
 Bush in zamak, with Delrin anti-friction device.  
 Douille en zamak avec insert en Delrin antieffraction.  
 Casquillo de zamak con inserción de Derlin anti robo.  
 Casquilho en zamak con inserimentos de Derlin anti-frição.

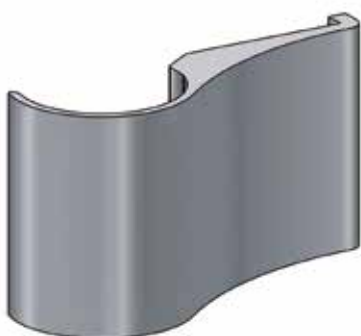




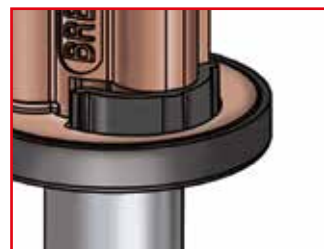
Regolazione micrometrica a porta chiusa nelle tre direzioni.  
 Micrometric adjustment in the three directions, when the door is in the closed position.



Réglage micrométrique à porte fermée dans les trois directions.  
 Regulación micrométrica can puerta cerrada en tres direcciones.  
 Afiinação micrométrica com porta fechada e em três direções.



Dispositivo di preposizione in nylon.  
 Pre-positioning device in nylon.  
 Dispositif en nylon de pré-positionnement.  
 Dispositivo de nylon de pre colocación.  
 Dispositivo de nylon para pre-colocação.

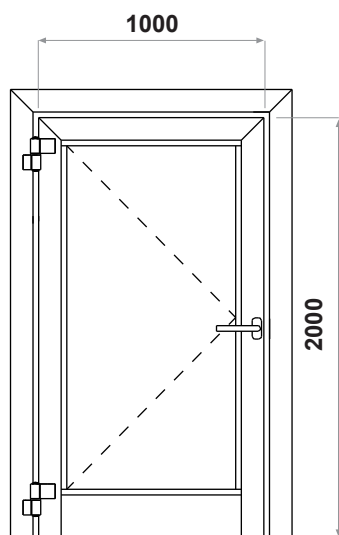
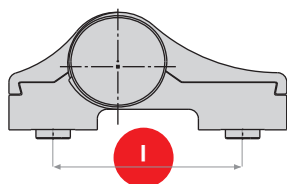


Piastrine copriviti a scatto, in alluminio estruso.  
 Snap-in screw cover plates in extruded aluminium.  
 Plaques cache vis à déclenchement en aluminium extrudé.  
 Plaquetas cubre tornillos de aluminio de extrusión.  
 Plaquetas cubre parafusos en extrusão de alumínio.

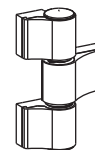
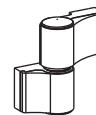




**CE**<sub>0425</sub>  
EN 1935:02



## LOIRA +



$\leq l \leq 99$

**CE**<sub>0425</sub>  
EN 1935:02

4 7 7 0 1 4 1 14

**160 Kg**

=106

**CE**<sub>0425</sub>  
EN 1935:02

6 0 1 4 1 13

**120 Kg**

$41 \leq l \leq 99$

**CE**<sub>0425</sub>  
EN 1935:02

4 7 7 0 1 4 0 14

**160 Kg**

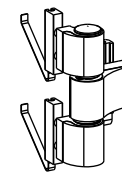
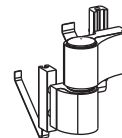
l=106

**CE**<sub>0425</sub>  
EN 1935:02

4 7 6 0 1 4 0 13

**120 Kg**

## LOIRA + T.R.



53 - 60

**CE**<sub>0425</sub>  
EN 1935:02

4 7 5 0 1 4 1 12

**100 Kg**

53

**CE**<sub>0425</sub>  
EN 1935:02

4 7 6 0 1 4 1 13

**120 Kg**

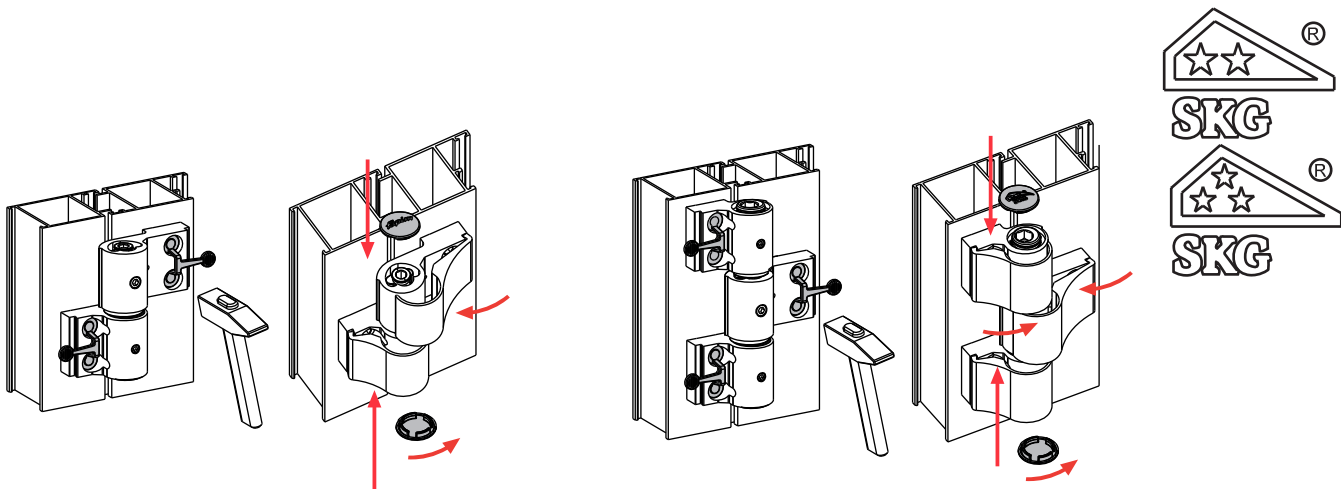
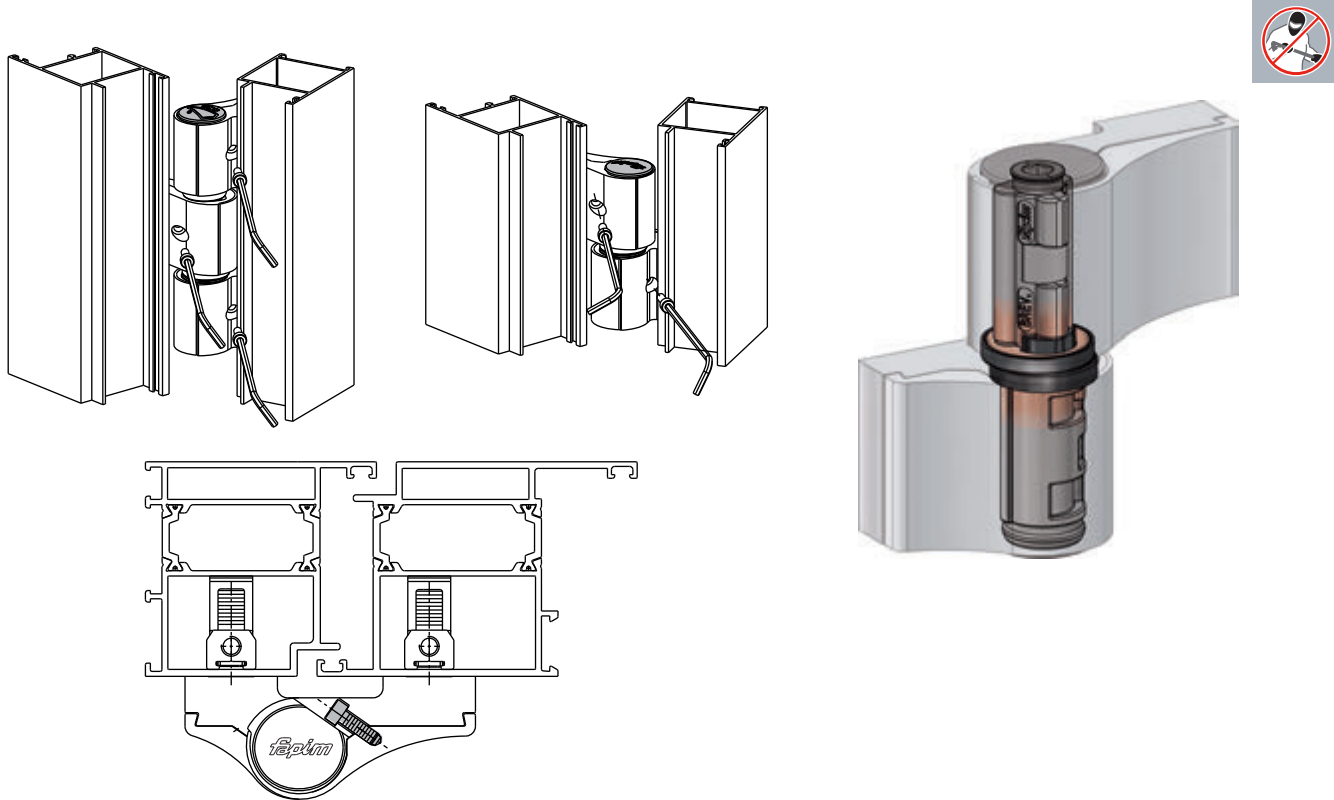
Per porte di dimensioni minori o maggiori da quelle previste dalla norma, oppure per l'impiego in abbinamento a meccanismi chiudiporta, è necessario richiedere indicazioni circa l'aumento o la diminuzione della portata massima consentita.

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.

Para puertas de dimensiones menores o mayores de las que prevé la norma, o también para el uso conjuntamente con un muelle cierrapuertas, es necesario solicitar indicaciones sobre el aumento o disminución de la capacidad de peso posible de la puerta.

Em relação às portas de menores ou maiores dimensões daquelas previstas na norma, ou para a utilização em combinação com mecanismos de fecho das portas, é necessário requisitar informações quanto o aumento ou a diminuição do limite máximo permitido.



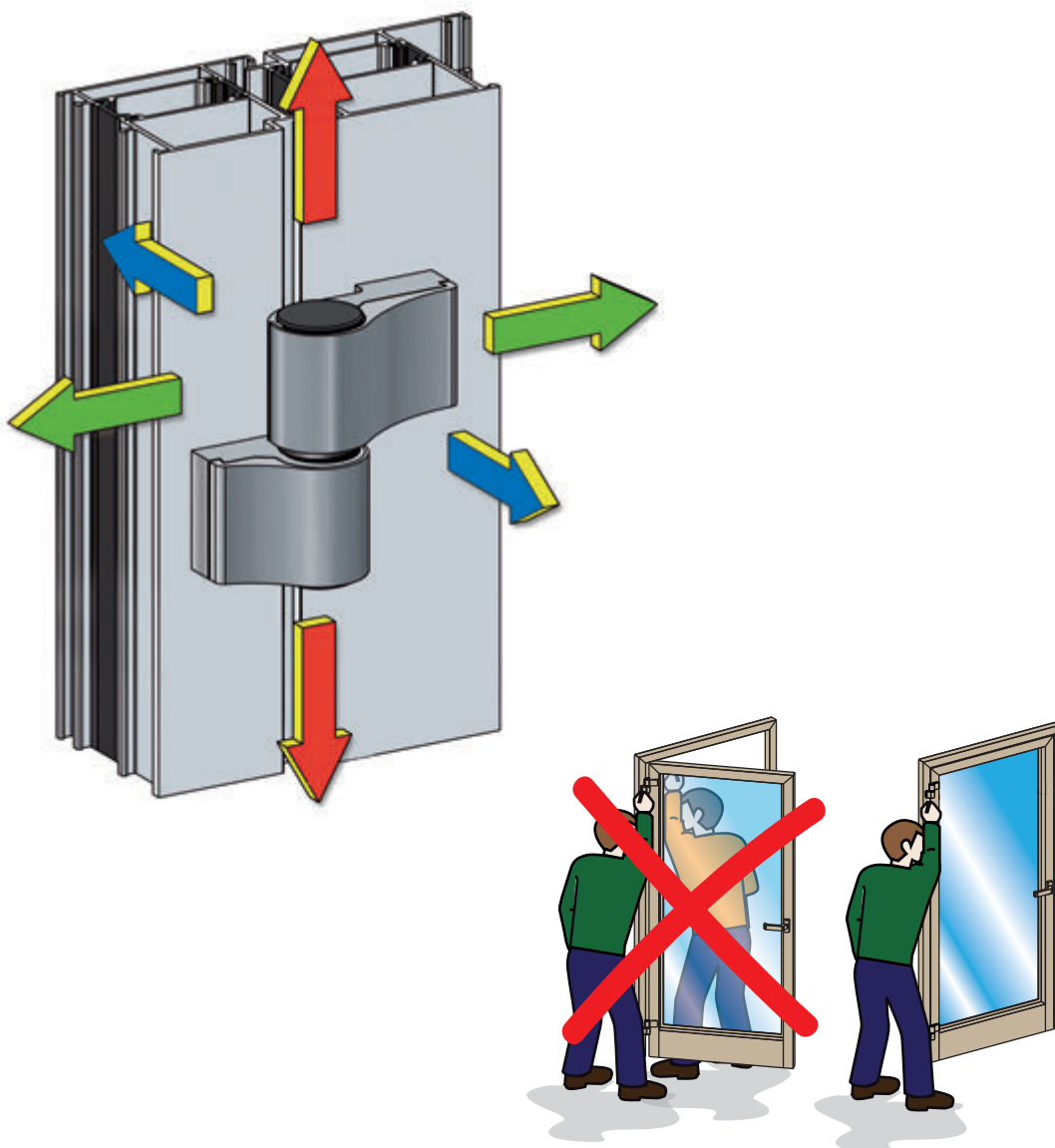
I componenti di rotazione e regolazione, della cerniera Loira+, sono stati studiati per ottenere la massima sicurezza anche in applicazioni per aperture verso l'esterno ed hanno consentito di ottenere la certificazione antieffrazione ENV 1627 SKG.

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 haute sécurité très élevée, aussi en cas de applications sur ouvertures vers l'extérieur et ils ont permit de obtenir la certification antieffraction ENV 1627 SKG.

Los componentes de rotación y regulación de la bisagra Loira+, están estudiados para obtener la seguridad máxima aun en aplicaciones para aperturas hacia exterior, y que nos han permitido de obtener la certificación anti robo SKG ENV 1627.

Os componentes de rotação e afinação da dobradiça Loira +, são estudados para obter a máxima segurança mesmo em aplicações para as aberturas para o exterior, e que nos permitiu obter a certificação de anti roubo SKG ENV 1627.



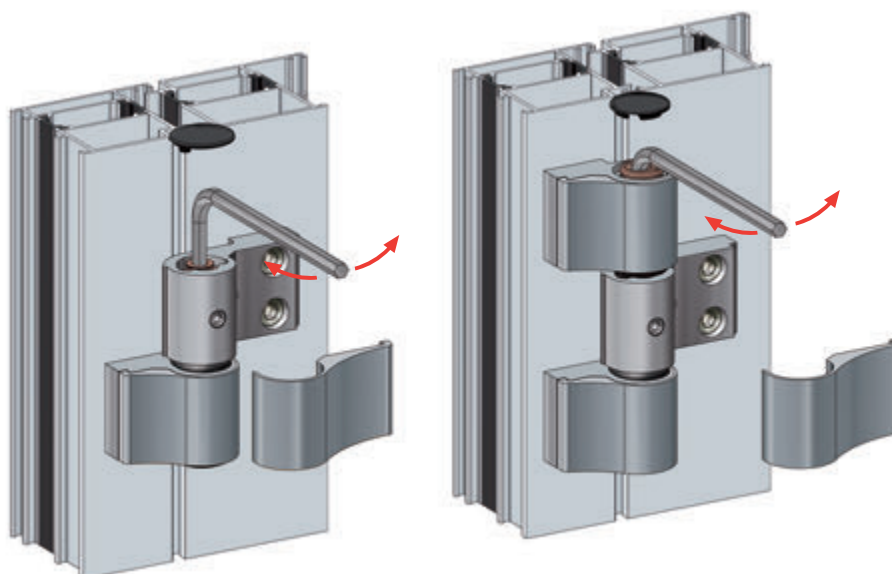
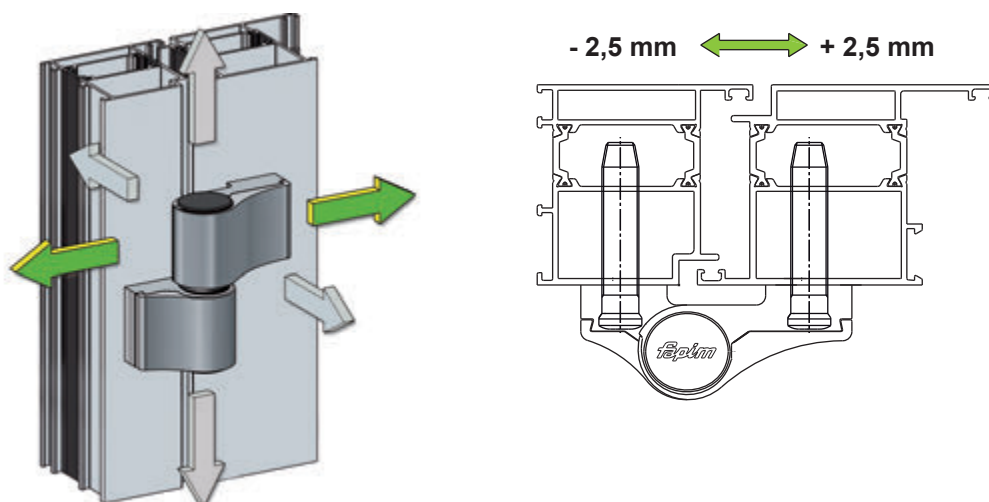
La cerniera Loira+ sia nella versione a due ali che in quella a tre ali è regolabile, a porta chiusa, nelle tre direzioni. Le regolazioni sono micrometriche e completamente indipendenti tra loro.

The Loira+ hinge in both 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 trois lames est réglable à porte fermée, dans les trois directions. Les réglages sont micrométriques et complètement indépendants entre eux.

La bisagra Loira+ , sea en la versión de dos palas, como en la versión de tres palas, se puede regular con puerta cerrada, en las tres direcciones. Las regulaciones, son micro métricas y completamente independientes entre ellas.

A dobradiça Loira+ tanto na verção de duas como de três abas, pode ser afinada com a porta fechada nas três direções. As afinações, sao micrométricas e completamente independentes umas das outras.



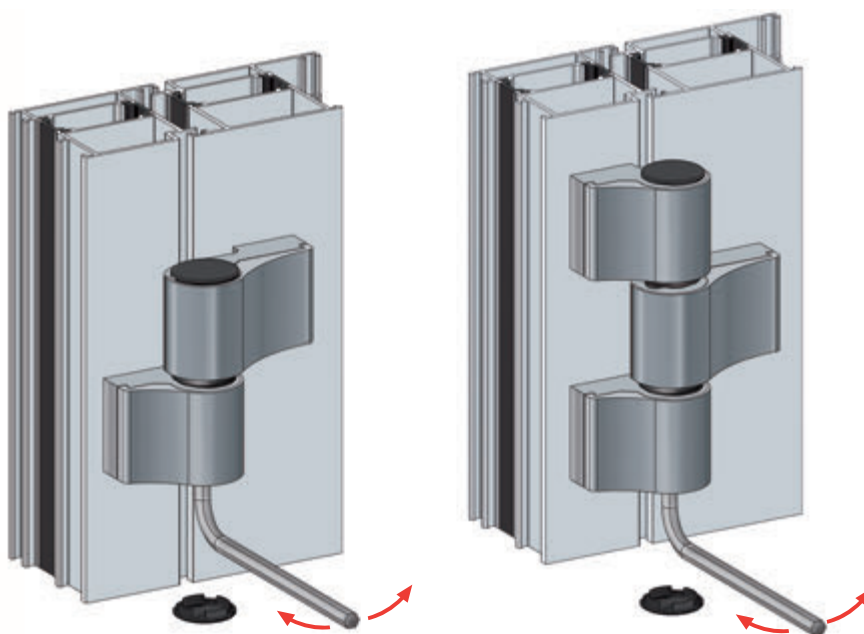
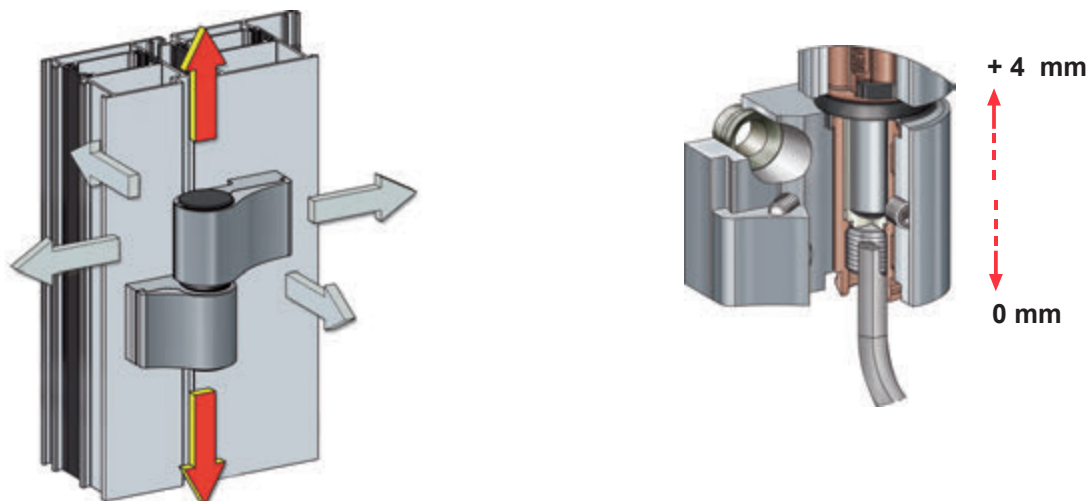
La regolazione micrometrica orizzontale, di  $\pm 2,5$  mm, si esegue a porta chiusa con la semplice rotazione della boccia superiore e successivo bloccaggio del grano.

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.

La regulación micrométrica horizontal, de  $\pm 2,5$  mm se ejecuta con la puerta cerrada, por medio de la sencilla operación de rotación del casquillo superior y posterior bloqueo del tornillo prisionero.

A afinação horizontal micrométrica de  $\pm 2,5$  milímetros é feita a porta fechada pela simples rotação do casquillo superior e inferior e posterior bloqueio do parafuso de bloqueio.



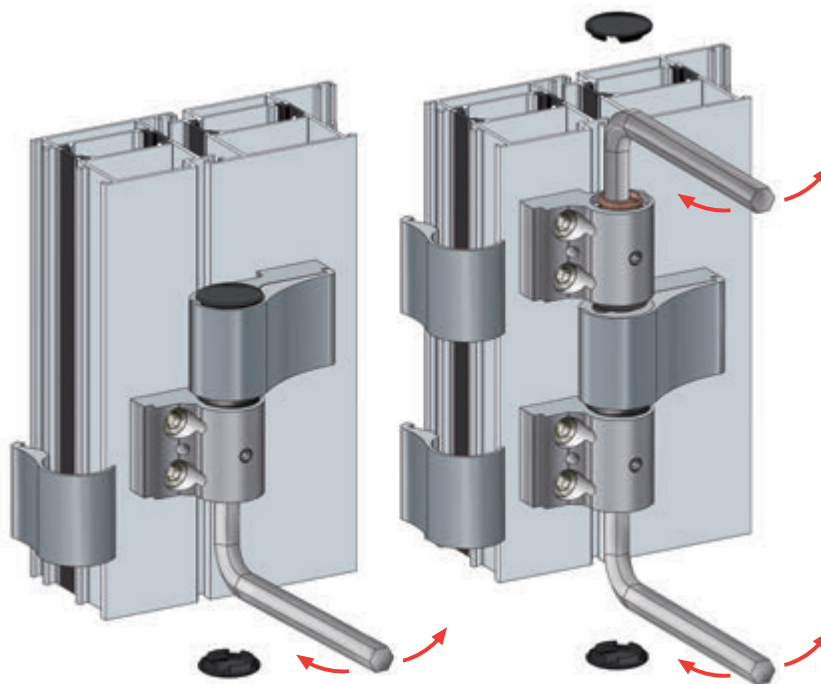
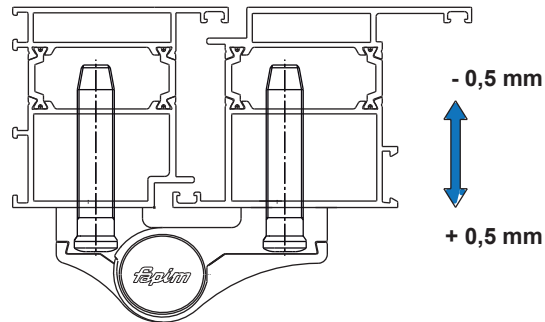
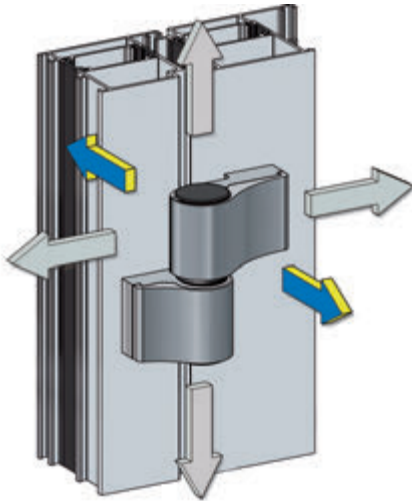
La regolazione micrometrica verticale, da 0 a +4 mm, si esegue a porta chiusa tramite il registro in acciaio inox, premontato nella boccola inferiore.

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, prémonté dans la douille basse.

La regulación micrométrica vertical, desde 0 hasta + 4 mm, se ejecuta por medio del registro de acero inox, ya montado en el casquillo inferior.

A afinação vertical micrométrica de 0 a + 4 mm, é feita a través do registo em aço inoxidável e premontado no casquilho inferior.



La regolazione micrometrica in pressione della guarnizione, di  $\pm 0,5$  mm, si esegue a porta chiusa tramite la semplice rotazione della boccia inferiore e successivo bloccaggio del grano.

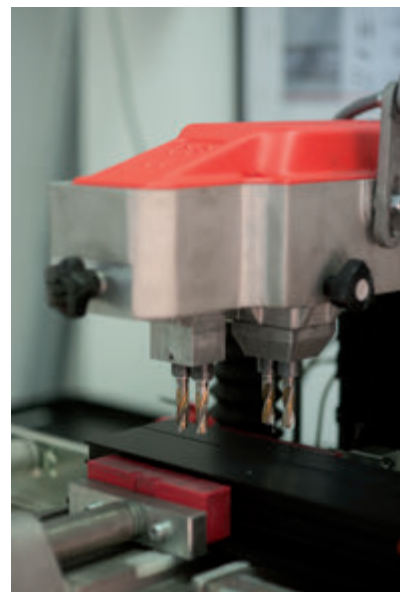
The micrometric adjustment in pressure of the gasket, of  $\pm 0,5$  mm, is carried out when the door is in the closed position, by rotating the lower bush and then locking the dowel.

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.

La regulación micrométrica en presión de la goma correspondiente a  $\pm 0,5$  mm se ejecuta con puerta cerrada, por medio de la sencilla operación de rotación del casquillo superior y posterior bloqueo del tornillo prisionero.

Afinação micrométrica em pressão sobre a borracha  $\pm 0.5$  Mm., levada a cabo coa porta fechada, por meio dum simples operação de rotação do casquillo superior, com posterior bloqueio do parafuso de bloqueio.

TF Macchina 11 foratura con morsa pneumatica  
 TF 11 drilling machine with pneumatic vice  
 TF machine 11 de forage avec étau pneumatique  
 TF máquina 11 de perforación con el vicio neumática  
 TF máquina de perfuração com 11 vice-pneumática



La fresatrice TF11, disponibile con morsa manuale o pneumatica, permette di eseguire rapidamente e senza errori le lavorazioni necessarie per il montaggio delle cerniere, sia a due ali che a tre ali, su profili freddi o a taglio termico. E' dotata di basamento, piano di appoggio con rulli di scorrimento, battute e di tutti gli utensili e ricambi necessari. E' disponibile anche un'ampia gamma di dime fisse, universali o specifiche per ogni interasse, da posizionarsi sopra i profili per l'esecuzione delle lavorazioni.

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.

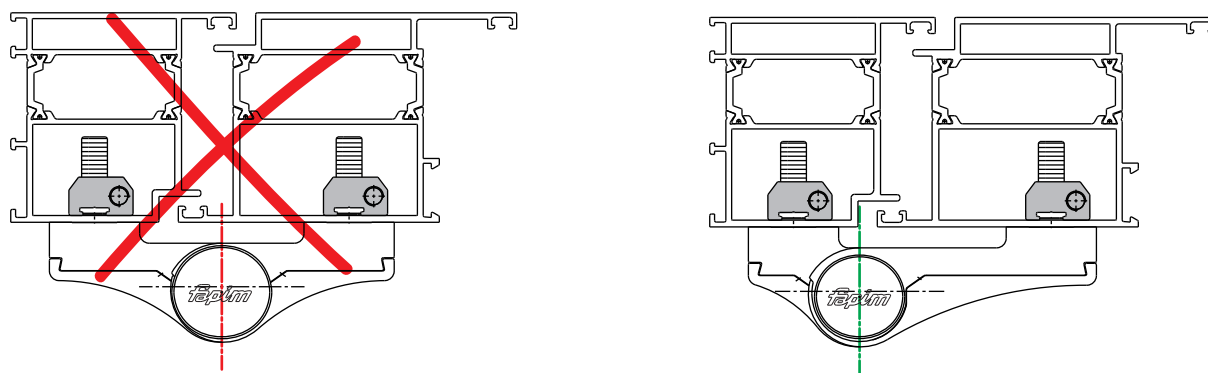
La perceuse TF11, disponible avec étau manuel ou pneumatique, permet de exécuter rapidement et sans erreurs les usinages nécessaires pour le montage des paumelles, soit à deux lames qu'à trois lames, sur profils froids ou à coupe thermique. Elle est équipée d'une base, en plan d'appuy avec rouleaux de 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.

La perforadora TF11, disponible con prensa manual o con prensa neumática, permite de ejecutar con rapidez y sin errores los trabajos necesarios para el montaje de las bisagras de dos así como también de tres palas, sobre perfiles fríos y de corte térmico. Dispone de una base, superficie de apoyo con rodillos, batientes y de todos los equipos y repuestos necesarios. Está disponible también una amplia gama de plantillas fijas, universales, o particular para cada intereje, que se deben poner sobre el perfil el momento de ejecutar los trabajos.

A broca TF11, disponível com preça manual ou pneumática, que permite com rapidez e precisão executar o trabalho necessário para a montagem das dobradiças, bem como dois dos três abas, em perfis de corte térmico ou frios. Possui uma base, superfície de apoio com cilindros, batentes e todos os equipamentos necessários e de peças necessário. Disponibilidade de uma vasta gama de labaritos fixos, universales ou particular, para cada intereje, que deve ser colocada sobre o perfil o tempo de execução dos perforados.



Consigli d'impiego  
 Recommendations for use  
 Conseils d'emploi  
 Consejos de empleo  
 Recomendações para o uso



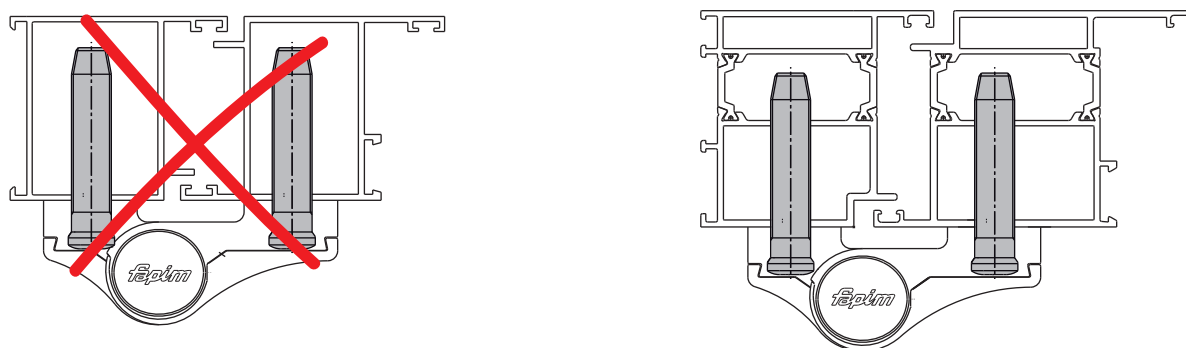
Adottare l'articolo Loira+, che permetta il più possibile di posizionare l'asse di rotazione come indicato in figura.

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.

Adoptar el producto Loira+ , que permita posicionar el eje de rotacion lo mas posible como esta indicada en la figura.

Utilize o artigo Loira+ que permita posicionar, na medida do possível, o eixo principal de rotação como mostrado na figura.



L'applicazione delle speciali viti di fissaggio autofilettanti può essere effettuato solo su profili con il serraggio su almeno due pareti.

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

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

La aplicación de los tornillos especiales de fijación autoroscables puede ser efectuados solo sobre perfiles con al menos dos paredes.

La aplicación de los tornillos especiales de fijación autoroscables puede ser efectuados solo sobre perfiles con al menos dos paredes.



Confezione standard  
Standard packaging  
Conditionnement standard  
Embalaje estándar  
Embalagem padrão



Confezione industrial  
Industrial packaging  
Emballage industriel  
Embalaje de producción  
Embalagens industriais



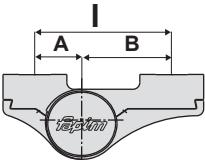


Le cerniere Loira+, nelle versioni a due che a tre ali, sono confezionate singolarmente in scatole standard da 12 pezzi ed in scatole industriali da 50 pezzi.

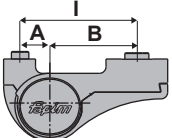

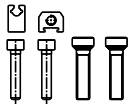
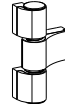
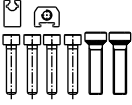
The Loira+ hinges in either two and three-leaf version, are individually packed in standard boxes containing 12 pieces each and in industrial boxes containing 50 pieces each.

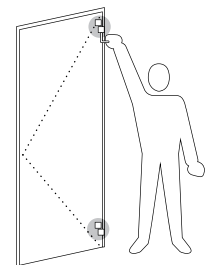
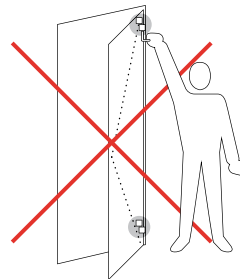
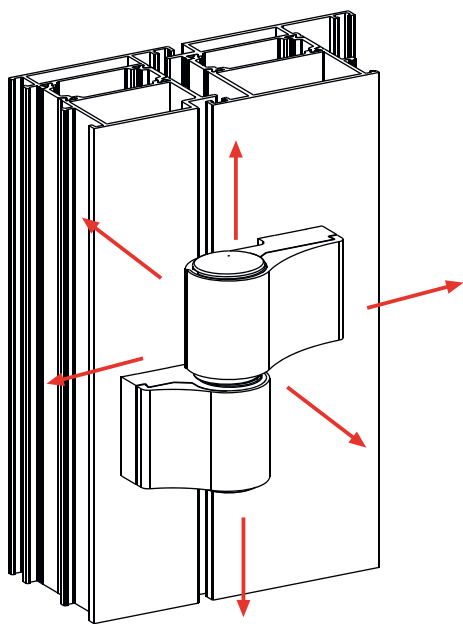
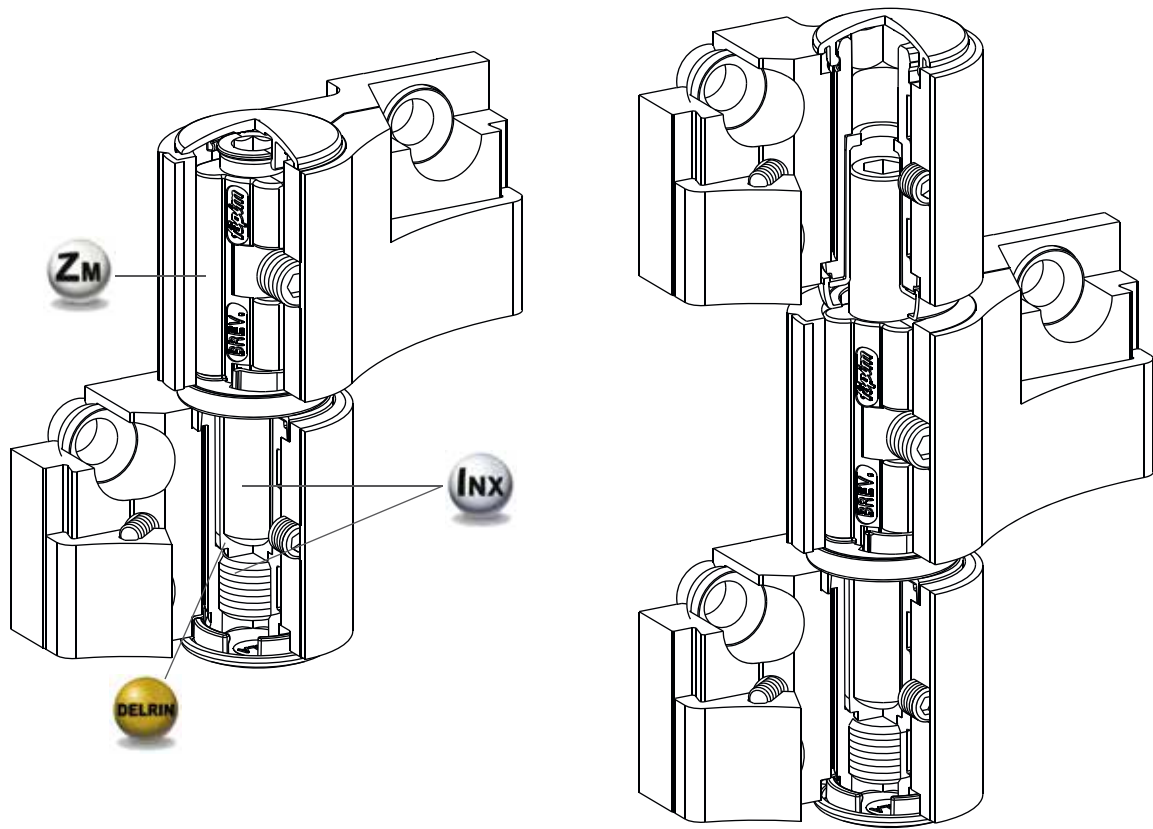
Les paumelles Loira+, dans la version à deux et trois lames, sont conditionnées singulièrement en boîtes standard de 12 pièces et en boîtes industrielles de 50 pièces.

Las bisagras Loira+ de dos y de tres palas, están embaladas individualmente en caja estándar de 12 unidades y en caja industrial de 50 unidades

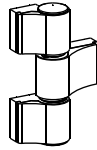
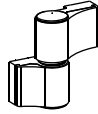
As dobradiças Loiras+ de duas e três abas são embaladas individualmente em caixas standard de 12 unidades e caixas industriais de 50 unidades

<b>LOIRA+</b>	<b>I A+B</b>	<b>41</b> (20,5+20,5)	<b>60</b> (20,5+39,5)	<b>67</b> (20,5+46,5)	<b>79</b> (39,5+39,5)	<b>80</b> (20,5+59,5)	<b>86</b> (39,5+46,5)	<b>93</b> (46,5+46,5)	<b>99</b> (39,5+59,5)	<b>106</b> (46,5+59,5)
		7090VA	7000VA	7010VA	7020VA	7030VA	7040VA	7050VA	7060VA	7070VA
			7003VA	7013VA	7023VA	7033VA	7043VA	7053VA	7063VA	7073VA

<b>LOIRA+ T.R.</b>		<b>53</b> (13,5+39,5)	<b>60</b> (13,5+46,5)	<b>73</b> (13,5+59,5)
	 	7100A	7110A	7120A
	 	7103A		



## LOIRA +



**41 ≤ l ≤ 99**

**CE**<sub>0425</sub>  
EN 1935:02  
4 7 7 0 1 4 1 14

**160 Kg**

---

**l=106**

**CE**<sub>0425</sub>  
EN 1935:02  
4 7 6 0 1 4 1 13

**120 Kg**

**41 ≤ l ≤ 99**

**CE**<sub>0425</sub>  
EN 1935:02  
4 7 7 0 1 4 0 14

**160 Kg**

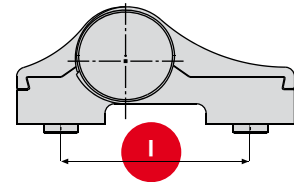
---

**l=106**

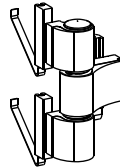
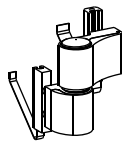
**CE**<sub>0425</sub>  
EN 1935:02  
4 7 6 0 1 4 0 13

**120 Kg**

**CE**<sub>0425</sub>  
EN 1935:02



## LOIRA + T.R



**53 ≤ l ≤ 60**

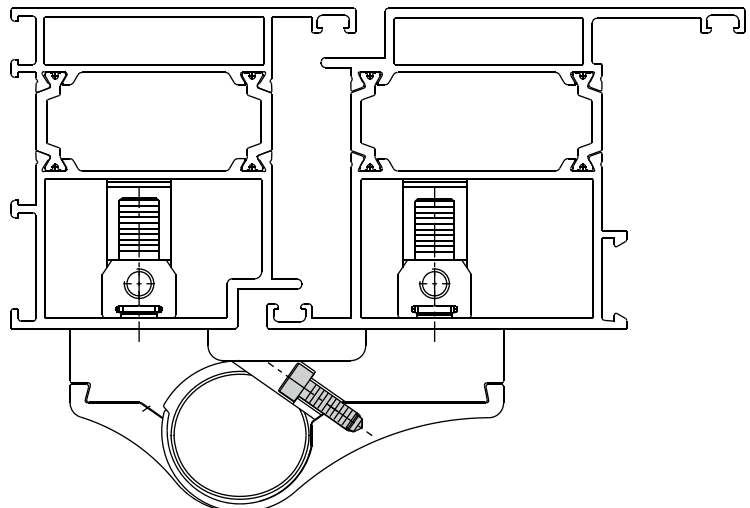
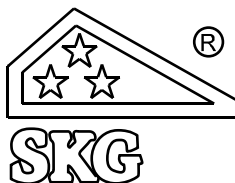
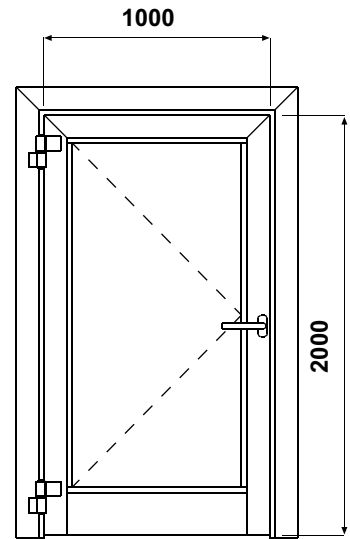
**CE**<sub>0425</sub>  
EN 1935:02  
4 7 5 0 1 4 1 12

**100 Kg**

**l=53**

**CE**<sub>0425</sub>  
EN 1935:02  
4 7 6 0 1 4 1 13

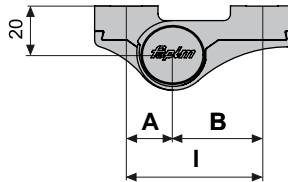
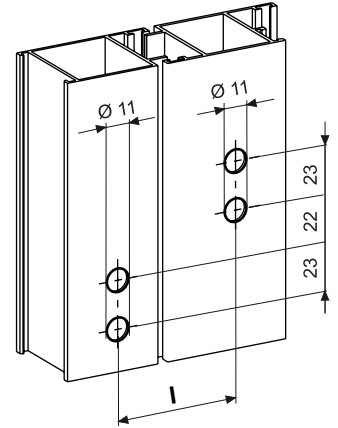
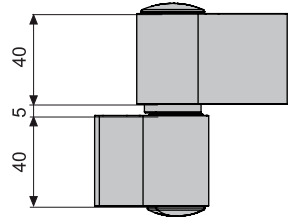
**120 Kg**




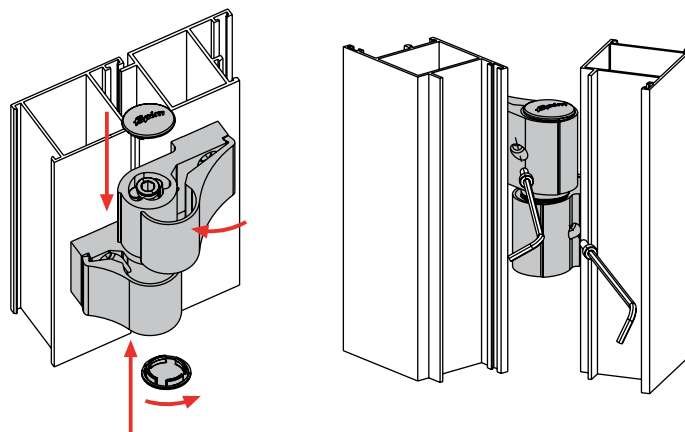
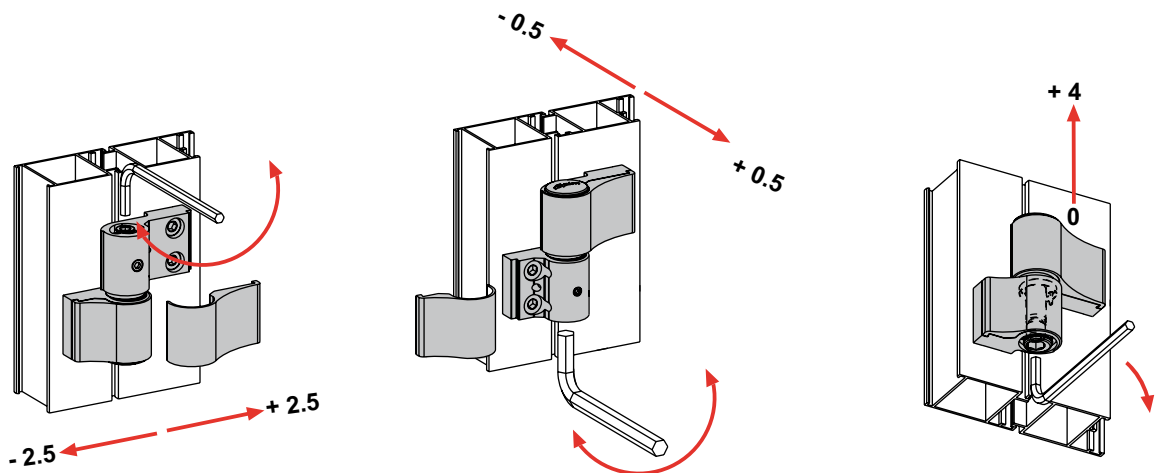
# LOIRA+

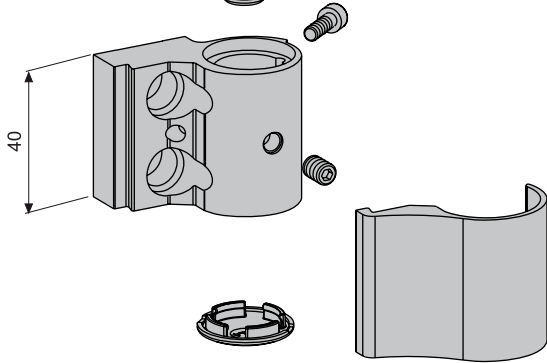
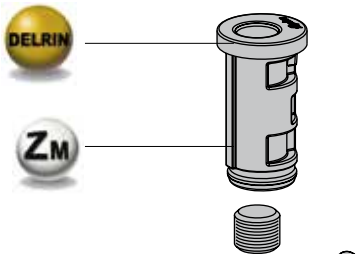
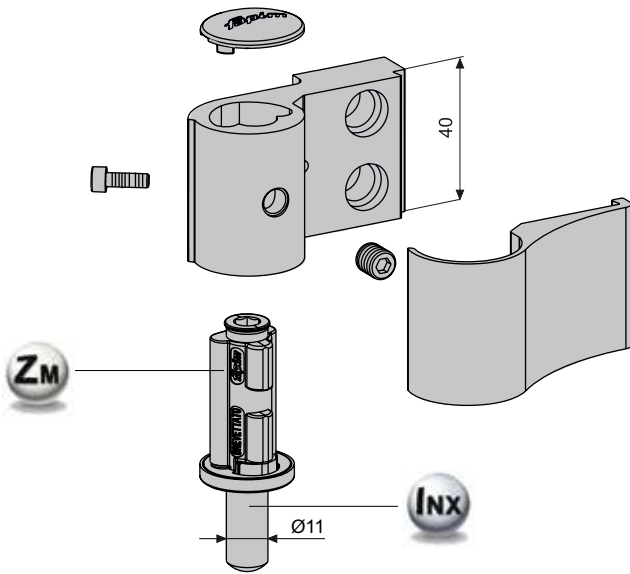
SUPPORTING HINGES FOR DOORS

7000VA  
7010VA  
7020VA  
7030VA  
7040VA  
7050VA  
7060VA  
7070VA  
7090VA

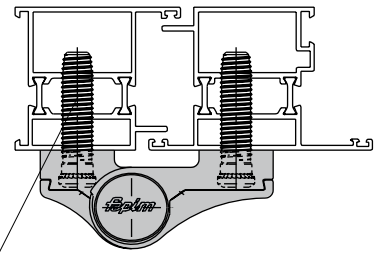
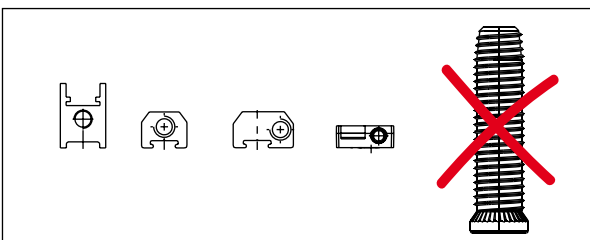
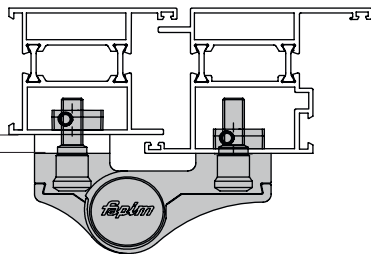


	I(mm)	A(mm)	B(mm)	
7000VA	60	20.5	39.5	20
7010VA	67	20.5	46.5	20
7020VA	79	39.5	39.5	20
7030VA	80	20.5	59.5	20
7040VA	86	39.5	46.5	20
7050VA	93	46.5	46.5	20
7060VA	99	39.5	59.5	20
7070VA	106	46.5	59.5	20
7090VA	41	20.5	20.5	20

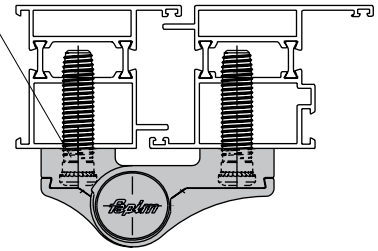




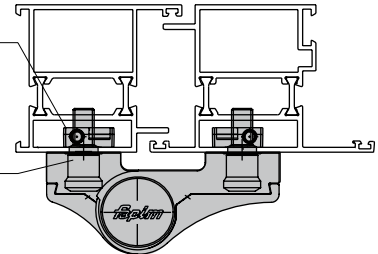
- Art. 6666S2
- Art. 6666S4
- Art. 6666S5
- Art. 6666S7
- Art. 6666S8
- Art. 6666S85
- Art. 6666S9
- Art. 6666S10
- Art. 6666T



- Art. 6603AA
- Art. 6604AA
- Art. 6605AA
- Art. 6603i
- Art. 6604i
- Art. 6605i
- Art. 6603Xi
- Art. 6604Xi

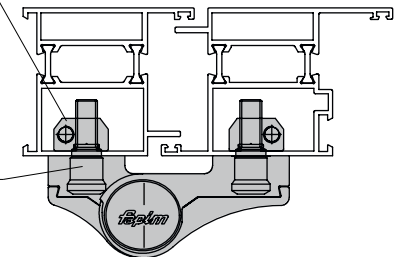


- Art. 6620Ai



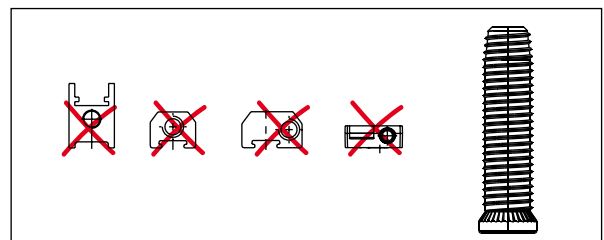
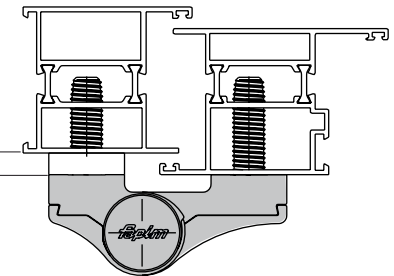
- Art. 6620V

- Art. 6623V
- Art. 6665AMi



- Art. 6663AV
- Art. 6663BVi
- Art. 6663CV
- Art. 6663DVi

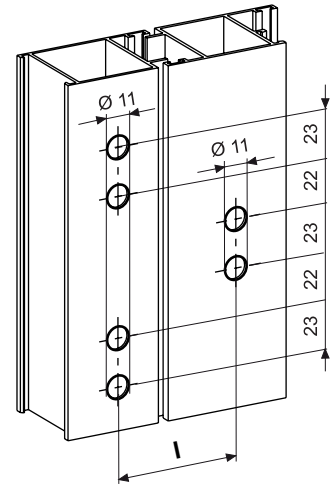
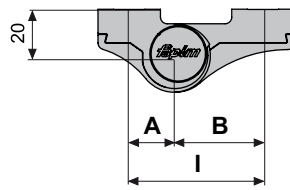
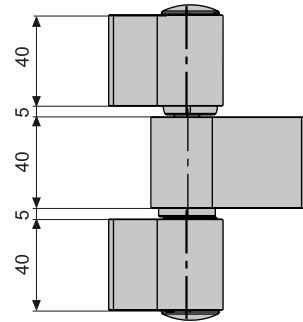
- Art. 6607A
- Art. 6607B
- Art. 6607C
- Art. 6607D
- Art. 6607E
- Art. 6607F
- Art. 6607G
- Art. 6607H
- Art. 6607M
- Art. 6607N
- Art. 6607T




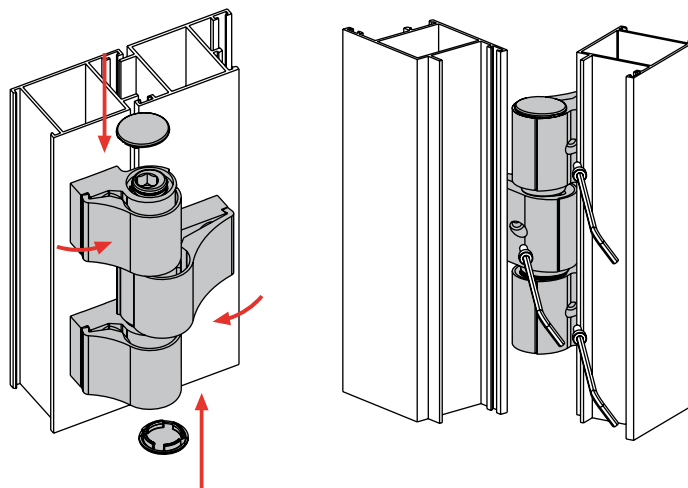
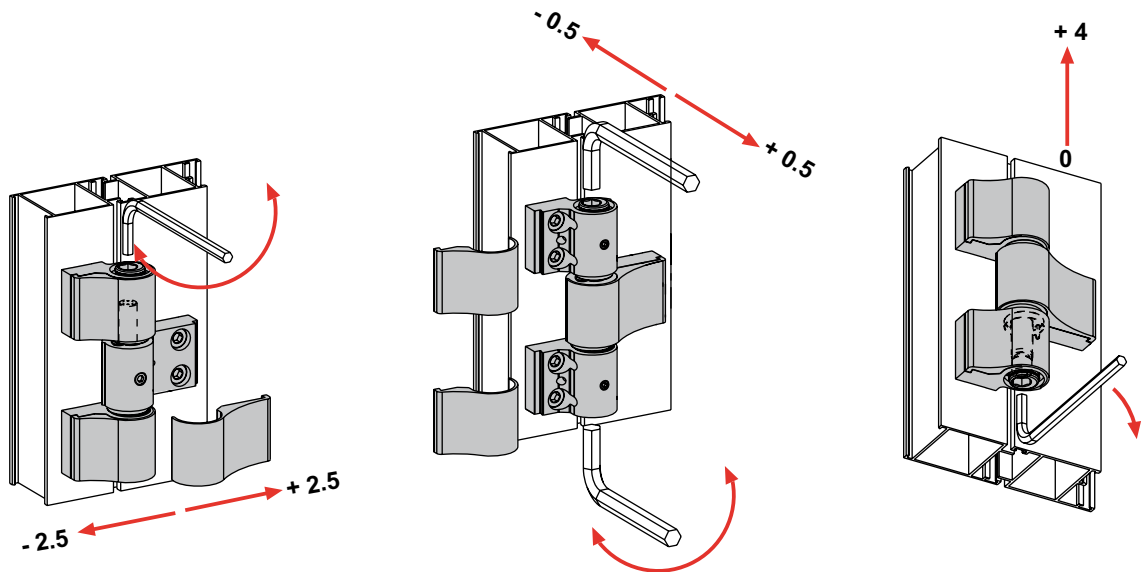
# LOIRA+

SUPPORTING HINGES FOR DOORS

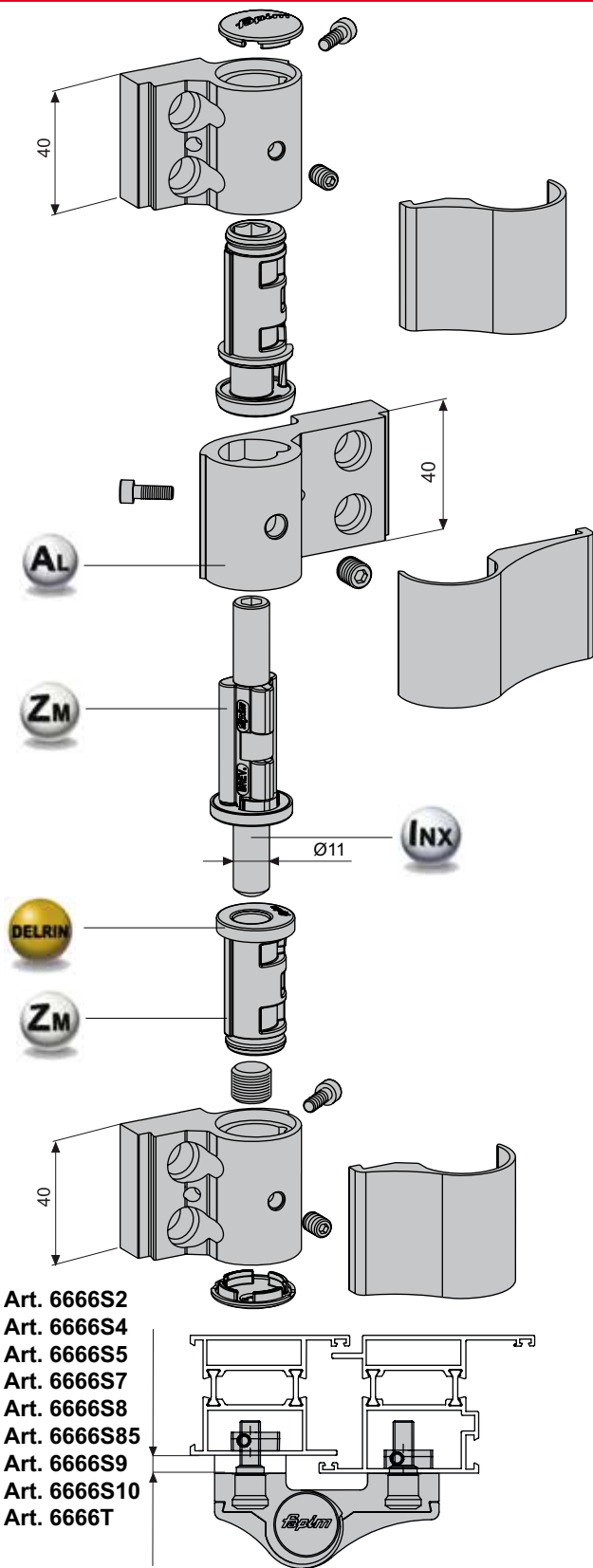
7003VA  
7013VA  
7023VA  
7033VA  
7043VA  
7053VA  
7063VA  
7073VA



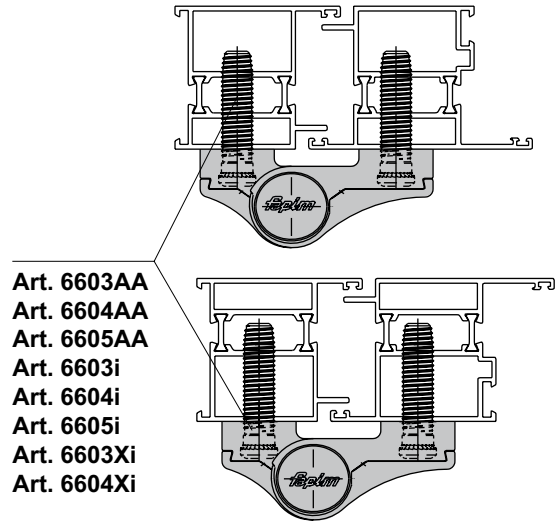
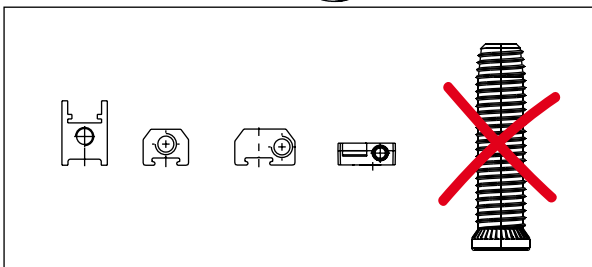
	l(mm)	A(mm)	B(mm)	
7003VA	60	20.5	39.5	20
7013VA	67	20.5	46.5	20
7023VA	79	39.5	39.5	20
7033VA	80	20.5	59.5	20
7043VA	86	39.5	46.5	20
7053VA	93	46.5	46.5	20
7063VA	99	39.5	59.5	20
7073VA	106	46.5	59.5	20



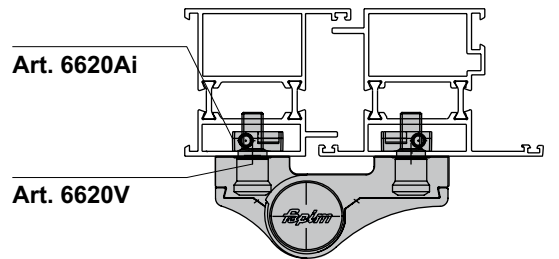




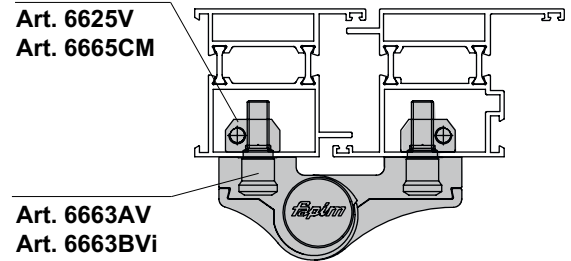
- Art. 6666S2
- Art. 6666S4
- Art. 6666S5
- Art. 6666S7
- Art. 6666S8
- Art. 6666S85
- Art. 6666S9
- Art. 6666S10
- Art. 6666T



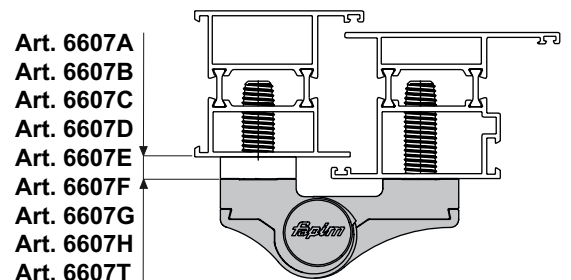
- Art. 6603AA
- Art. 6604AA
- Art. 6605AA
- Art. 6603i
- Art. 6604i
- Art. 6605i
- Art. 6603Xi
- Art. 6604Xi



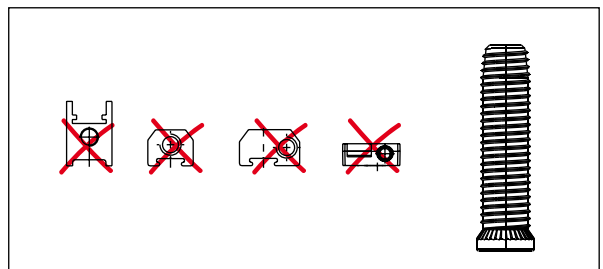
- Art. 6620Ai
- Art. 6620V



- Art. 6625V
- Art. 6665CM
- Art. 6663AV
- Art. 6663BVi
- Art. 6663CV
- Art. 6663DVi



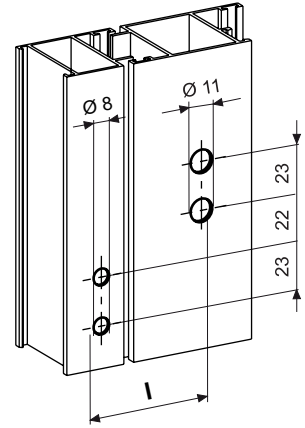
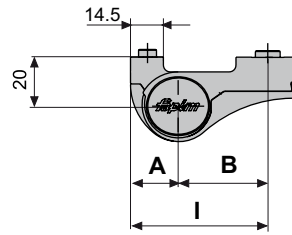
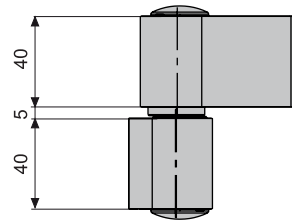
- Art. 6607A
- Art. 6607B
- Art. 6607C
- Art. 6607D
- Art. 6607E
- Art. 6607F
- Art. 6607G
- Art. 6607H
- Art. 6607T




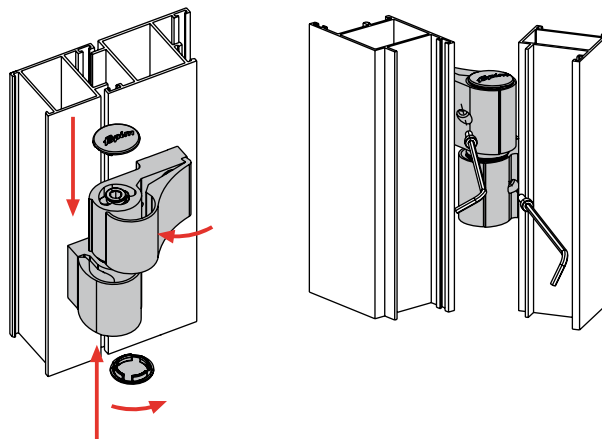
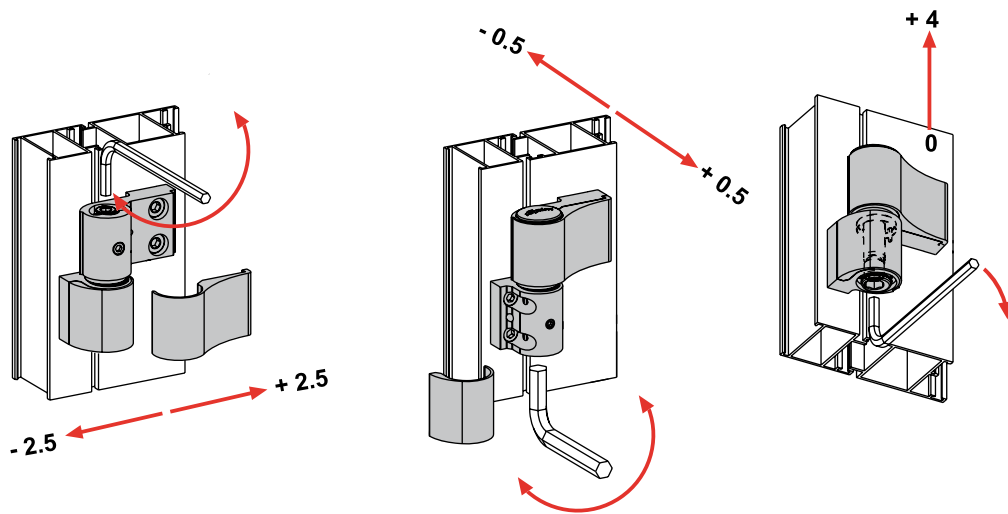
# LOIRA+

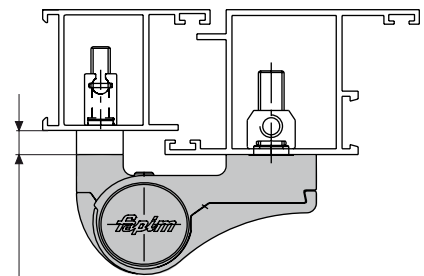
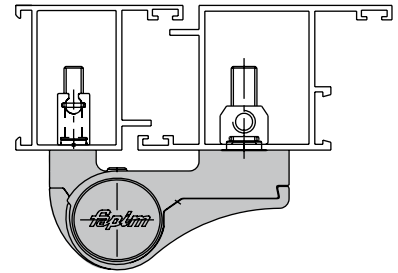
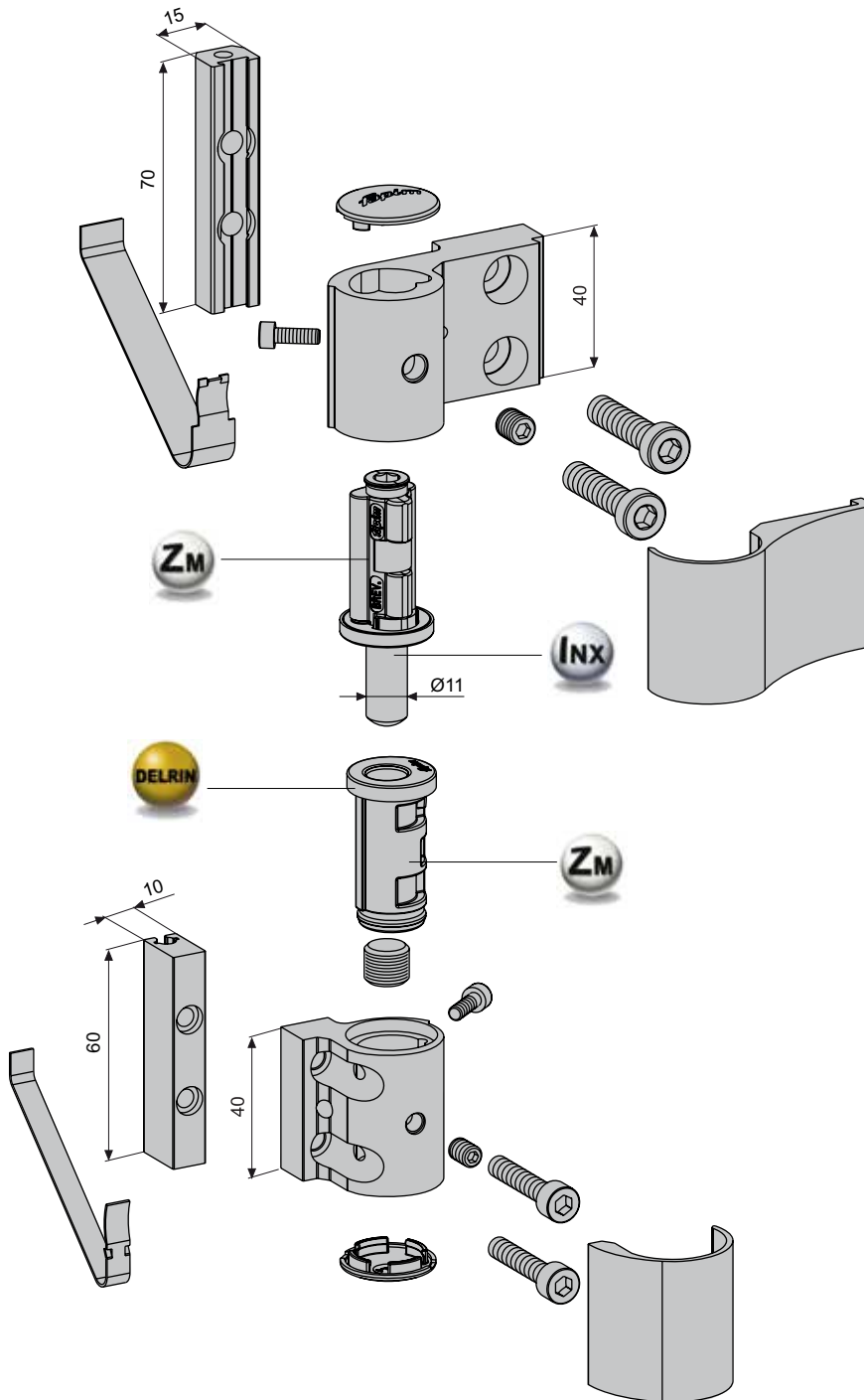
SUPPORTING HINGES FOR DOORS

7100A  
7110A  
7120A

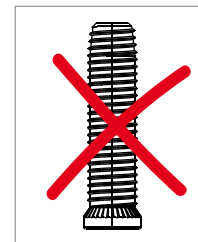


	l(mm)	A(mm)	B(mm)	
7100A	53	13.5	39.5	20
7110A	60	13.5	46.5	20
7120A	73	13.5	59.5	20

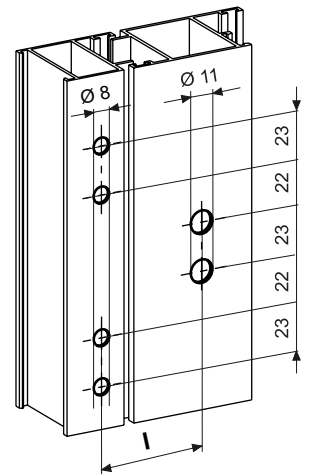
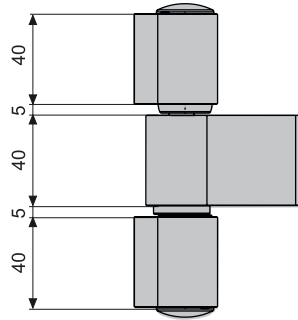





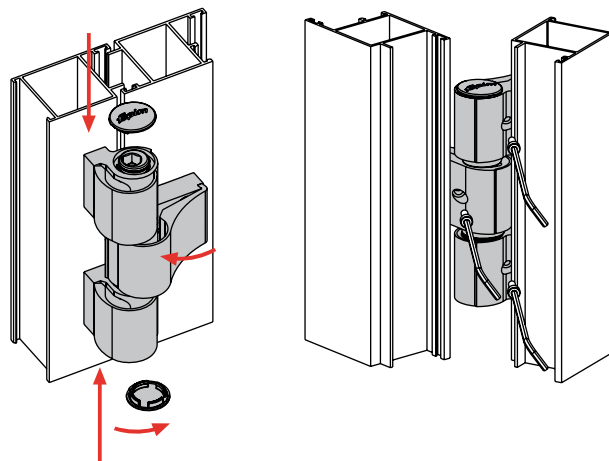
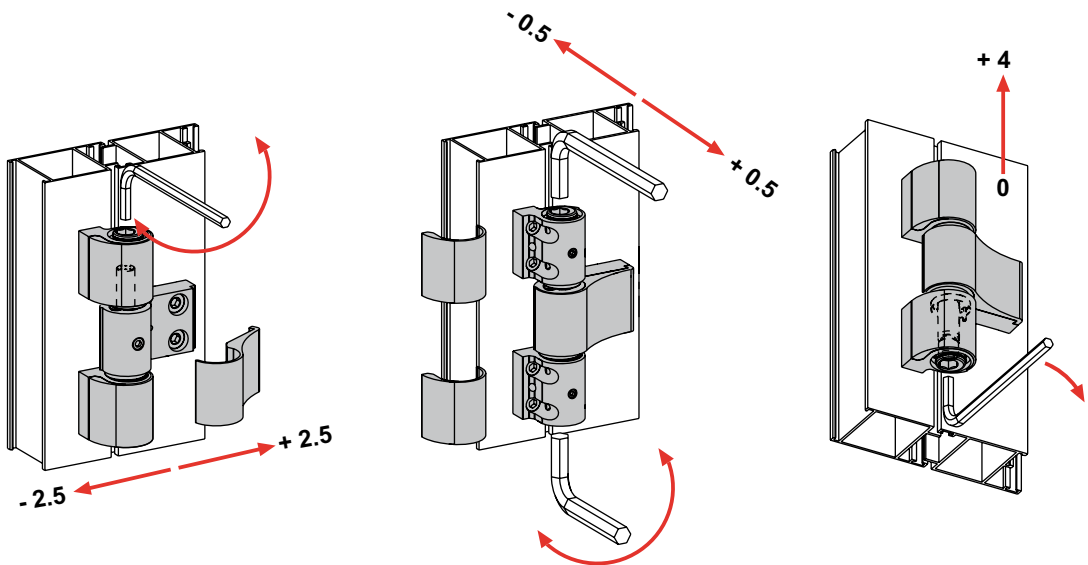
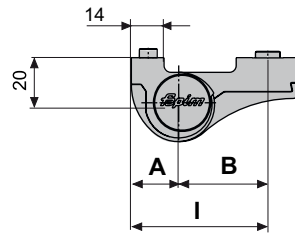
- Art. 6669S2
- Art. 6669S4
- Art. 6669S5
- Art. 6669S7
- Art. 6669S8
- Art. 6669S85
- Art. 6669S9
- Art. 6669S10

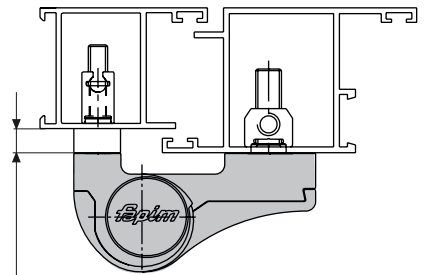
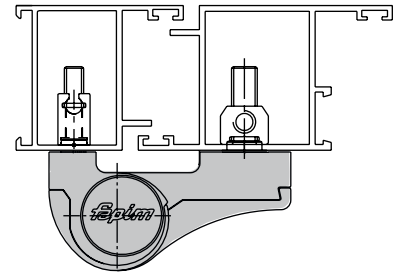
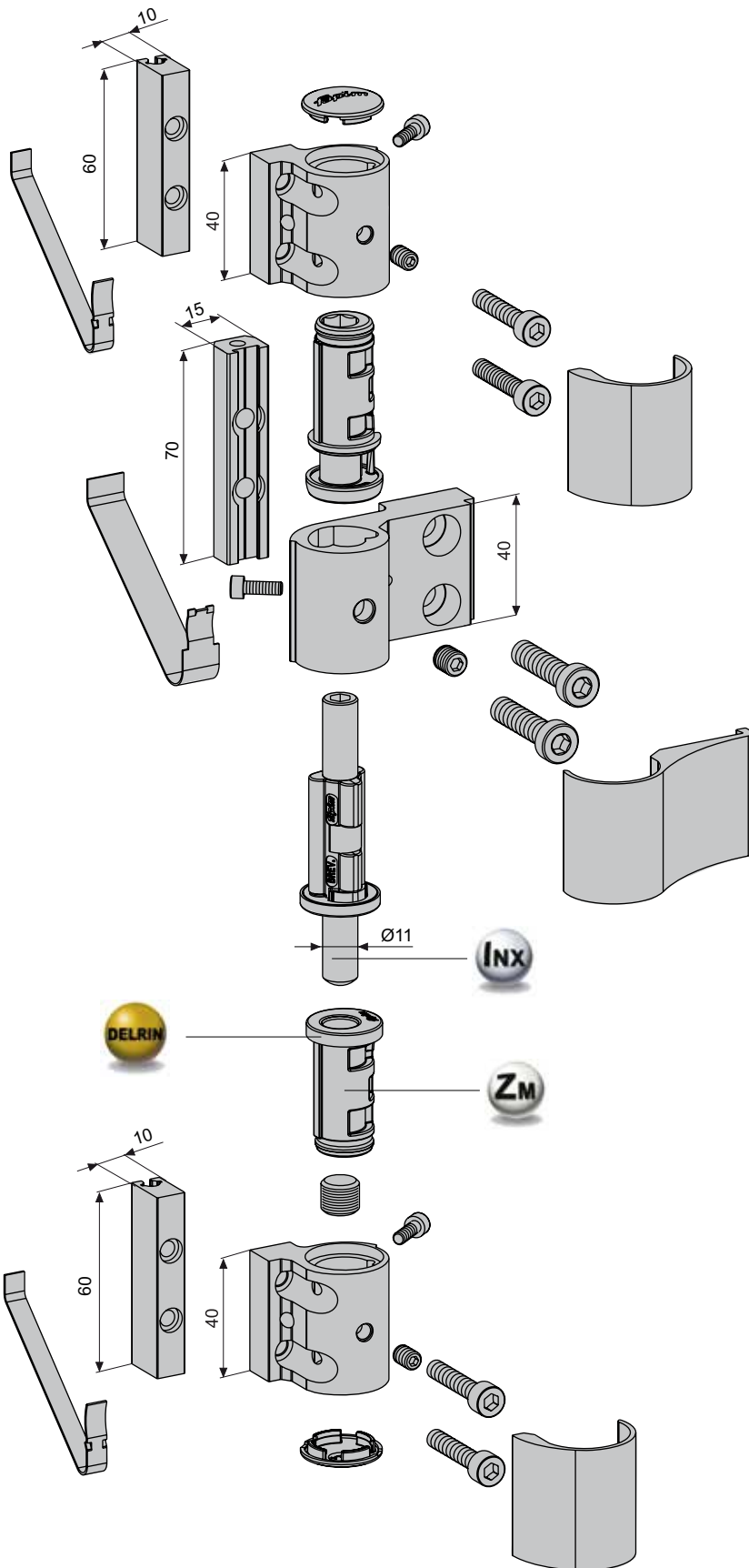


7103A

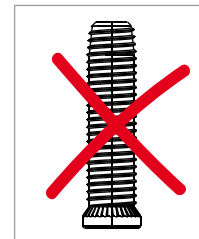


	I (mm)	A (mm)	B (mm)	
7103A	53	13.5	39.5	20





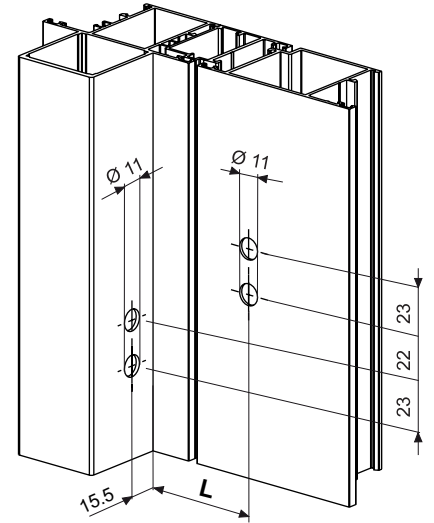
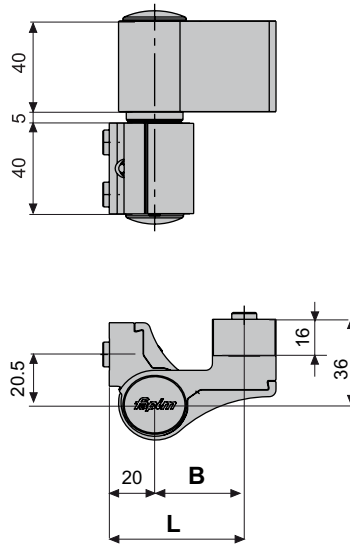
- Art. 6669S2
- Art. 6669S4
- Art. 6669S5
- Art. 6669S7
- Art. 6699S8
- Art. 6669S85
- Art. 6699S9
- Art. 6669S10




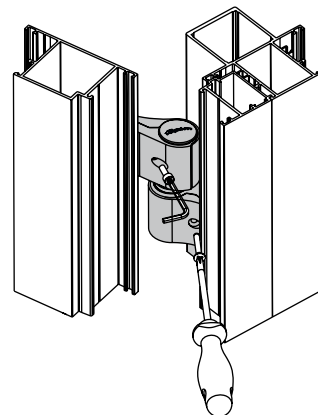
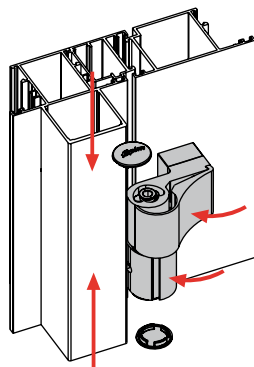
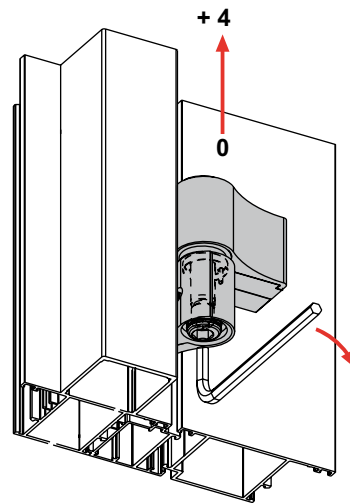
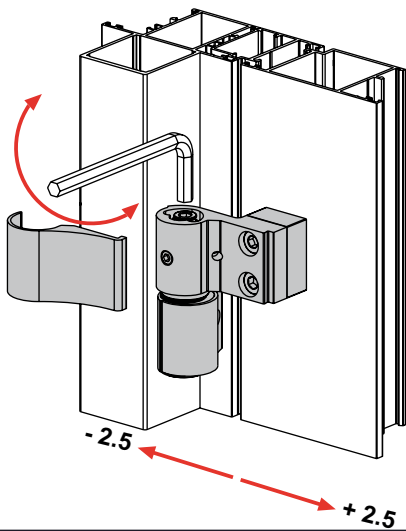
# LOIRA+

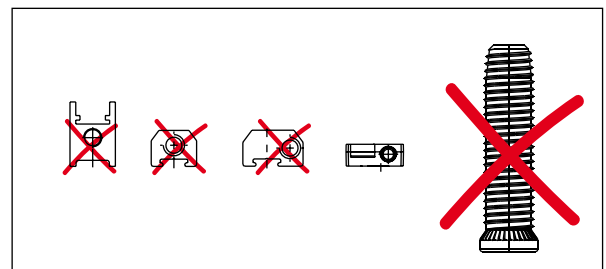
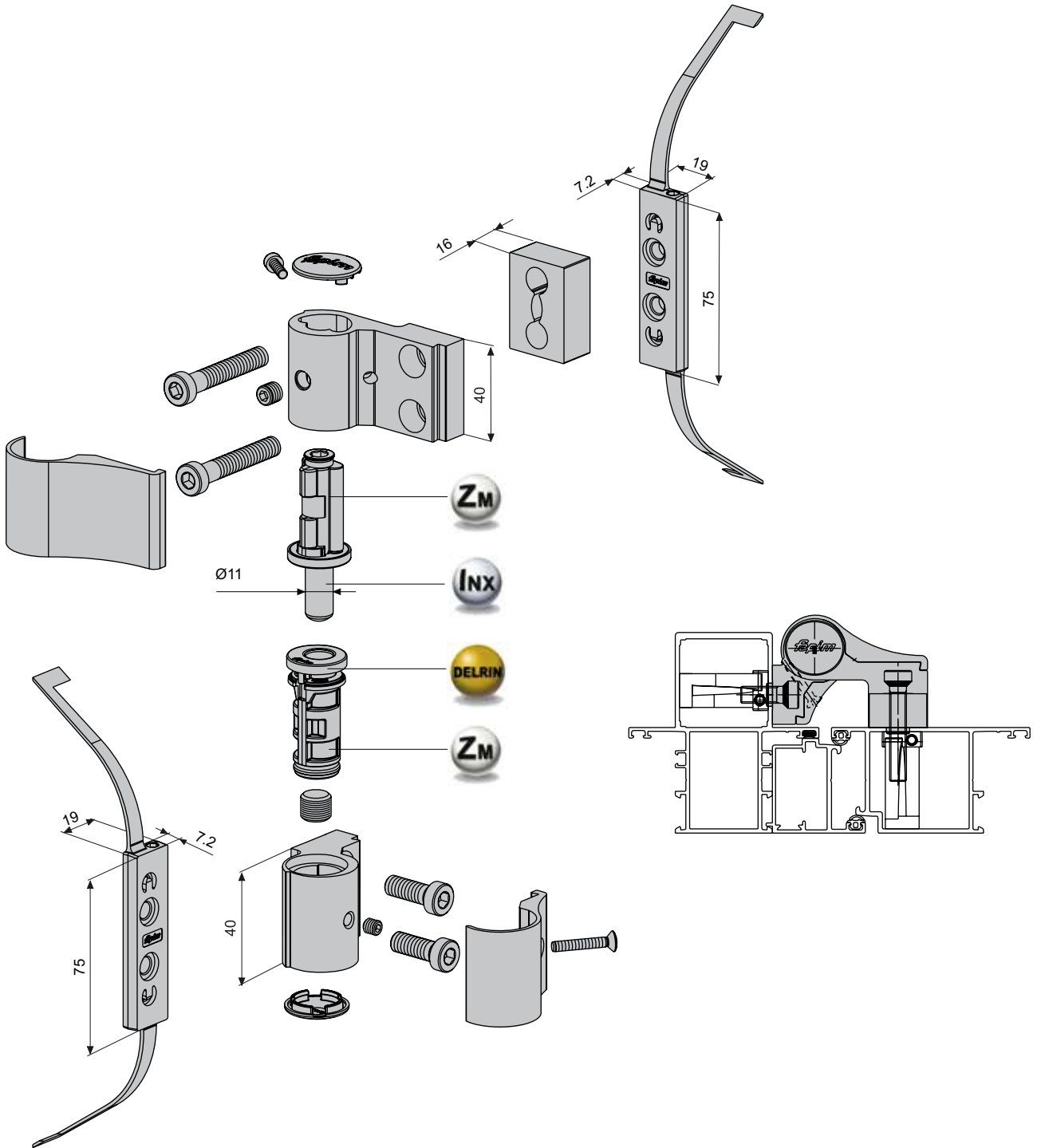
SUPPORTING HINGES FOR DOORS

7130A  
7140A

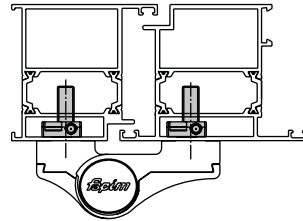
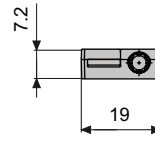
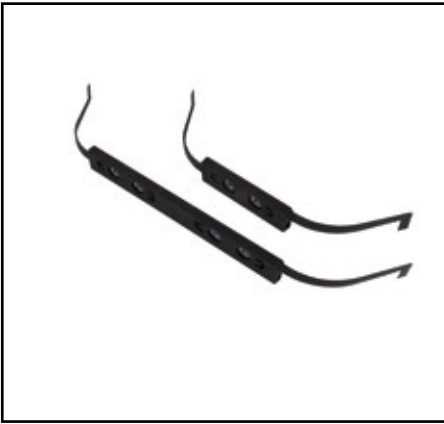


	L	B	
7130A	60	40	20
7140A	67	47	20

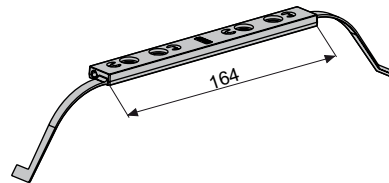
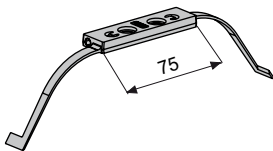




6620Ai  
6621Ai



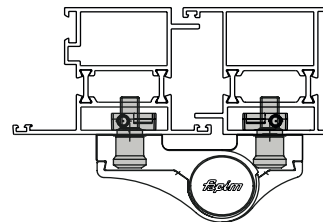
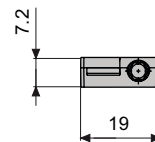
6620Ai	●	●		100
6621Ai		●		50



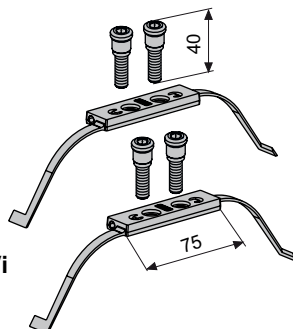
Art. 6620Ai

Art. 6621Ai

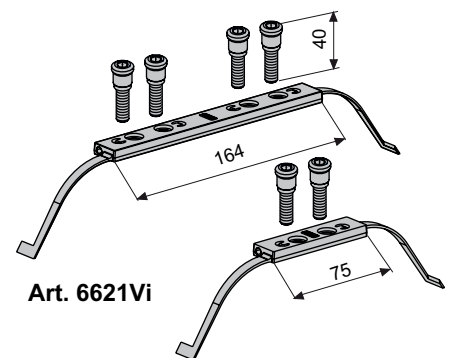
6620V  
6621V



6620V	●				20
6621V		●			20

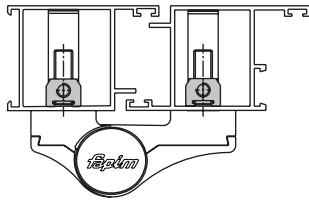
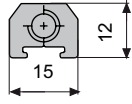


Art. 6620Vi



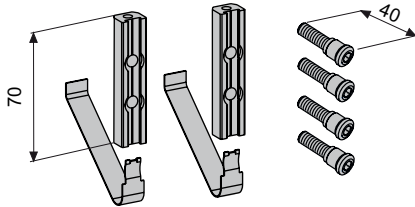
Art. 6621Vi



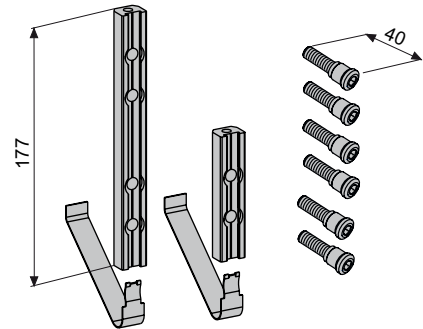


6623V  
6625V  
6665AMi  
6665CM

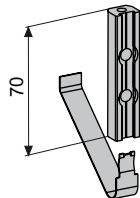
6623V	●			10
6625V		●		10
6665AMi	●	●		100
6665CM		●		10



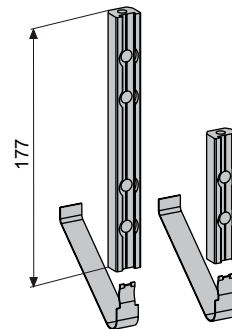
Art. 6623V



Art. 6625V



Art. 6665AMi

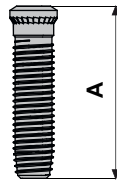


Art. 6665CM

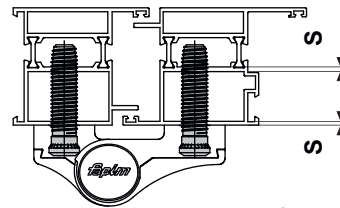
# LOIRA+

SUPPORTING HINGES FOR DOORS

6603AA  
6603BA  
6603i  
6603Xi  
6604AA  
6604BA  
6604i  
6604Xi  
6605AA  
6605BA  
6605i

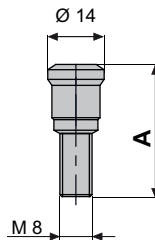


					A
6603AA	●				12 20
6603BA		●			12 20
6603i	●	●			100 50
6603Xi	●	●			100 50
6604AA	●				12 20
6604BA		●			12 20
6604i	●	●			100 60
6604Xi	●	●			100 60
6605AA	●				12 20
6605BA		●			12 20
6605i	●	●			12 76

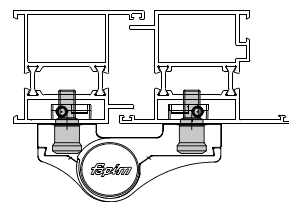


$S \geq 1.6\text{mm}$

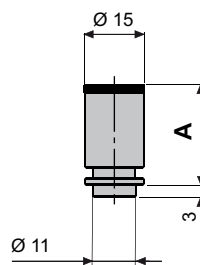
6663AV  
6663BVi  
6663CV  
6663DVi



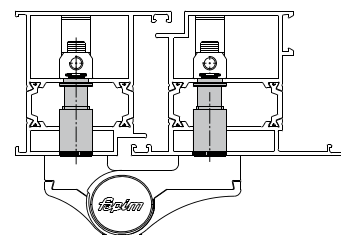
	A	
6663AV	30	50
6663BVi	40	500
6663CV	55	50
6663DVi	70	500

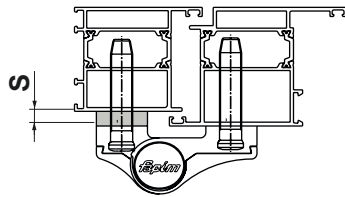
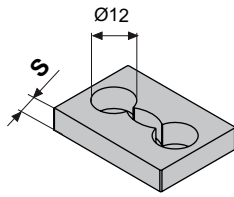


6679i  
6681i  
6682i  
6683i


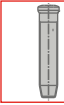


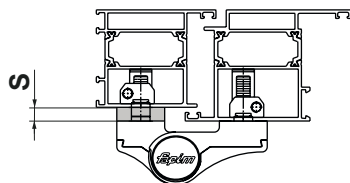
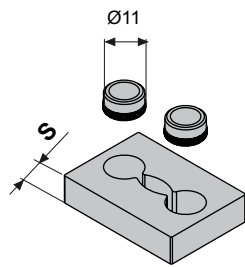
	A	
6682i	23-35	500
6683i	35-47	







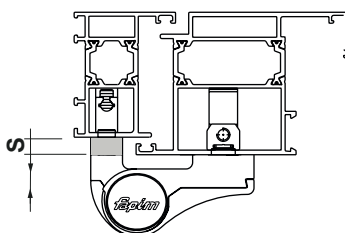
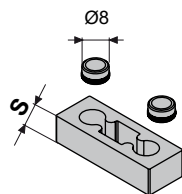
6607A  
6607B  
6607C  
6607D  
6607E  
6607G  
6607H  
6607M  
6607N  
6607T

	S		
6607A	2		10
6607B	4		10
6607C	5		10
6607D	7		10
6607E	8		10
6607F	8.5		10
6607G	10		10
6607H	9		10
6607M	13		10
6607N	14		10
6607 T	16	12	





6666S2  
6666S4  
6666S5  
6666S7  
6666S8  
6666S9  
6666T  
6666S85  
6666S10

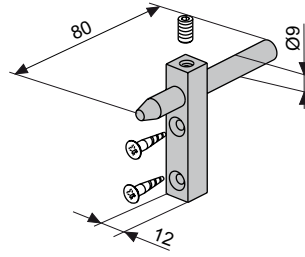
	S		
6666S2	2		10
6666S4	4		10
6666S5	5		10
6666S7	7		10
6666S8	8		10
6666S85	8.5		10
6666S9	9		10
6666S10	10		10
6666T	16		12




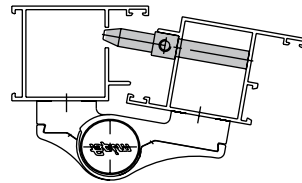
6669S2  
6669S4  
6669S5  
6669S7  
6669S8  
6669S9  
6669S85  
6669S10

	S		
6669S2	2		10
6669S4	4		10
6669S5	5		10
6669S7	7		10
6669S8	8		10
6669S85	8.5		10
6669S9	9		10
6669S10	10		10

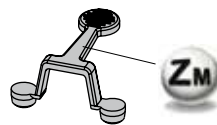
6822



	
6822	10



6654  
6654A  
6654B  
6654D  
6654E




Art. 6654

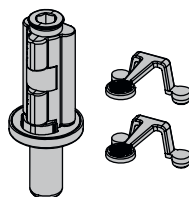


Art. 6654A

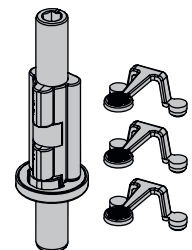


Art. 6654B

		
6654	6654A-6654B	50
6654A	6654	
6654B	6654	
6654D	6654A-6654B	
6654E	6654A-6654B	

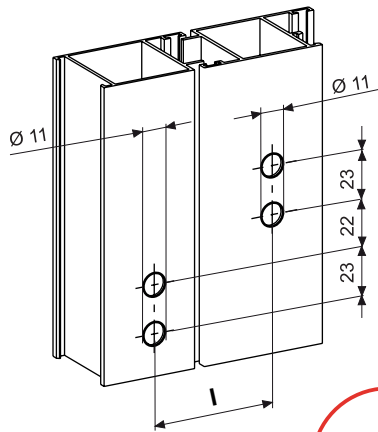


Art. 6654D

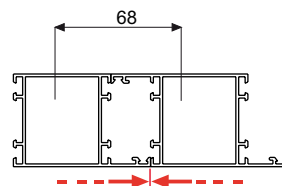
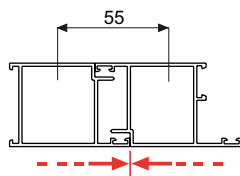
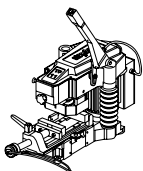
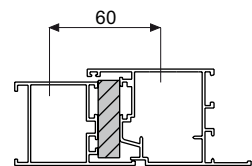
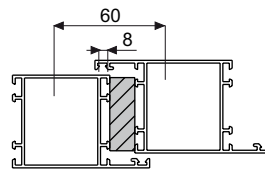
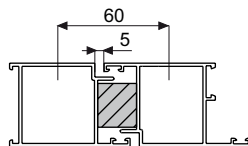
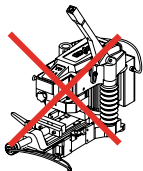
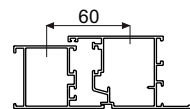
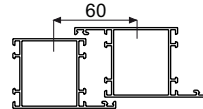
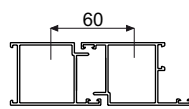
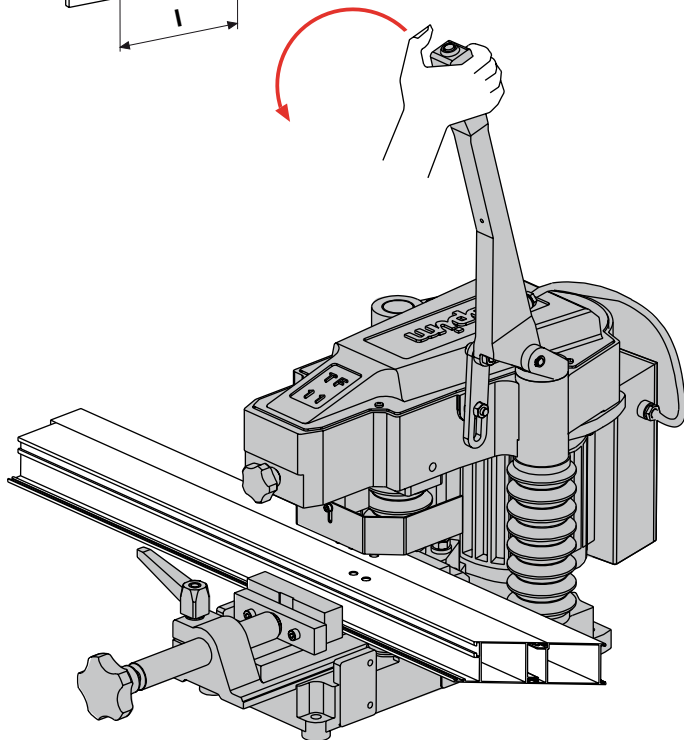


Art. 6654E

6885B



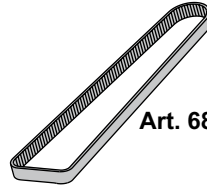
	l (mm)		
6885B	41-116	LOIRA+ LOIRA+V LOIRA+TR	1



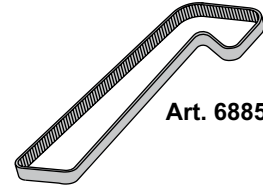
# LOIRA+

SUPPORTING HINGES FOR DOORS


6885167  
6886168



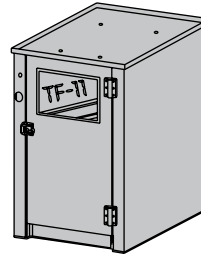
Art. 6885167




Art. 6886168

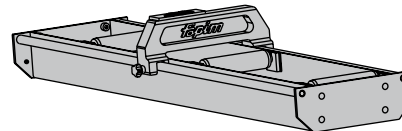
		
6885167	LOIRA+	1
6885168	LOIRA+V	
	LOIRA+TR	


6886B



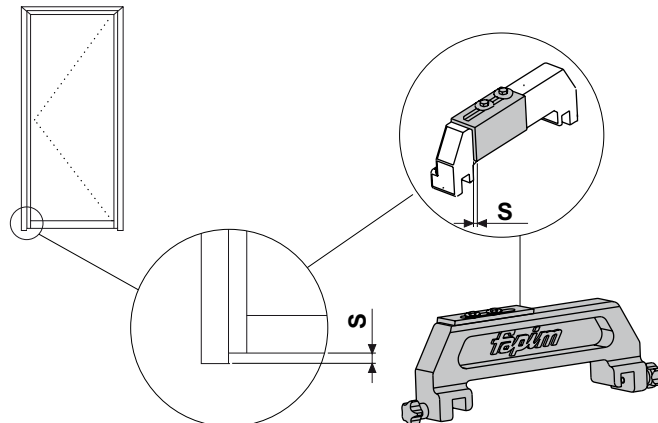
		
6886B	LOIRA+	1
	LOIRA+V	
	LOIRA+TR	


6886L

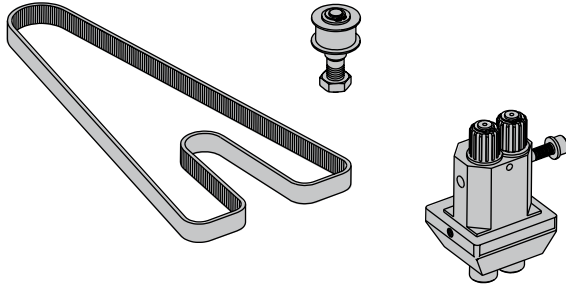


		
6886L	LOIRA+	1
	LOIRA+V	
	LOIRA+TR	

6887A

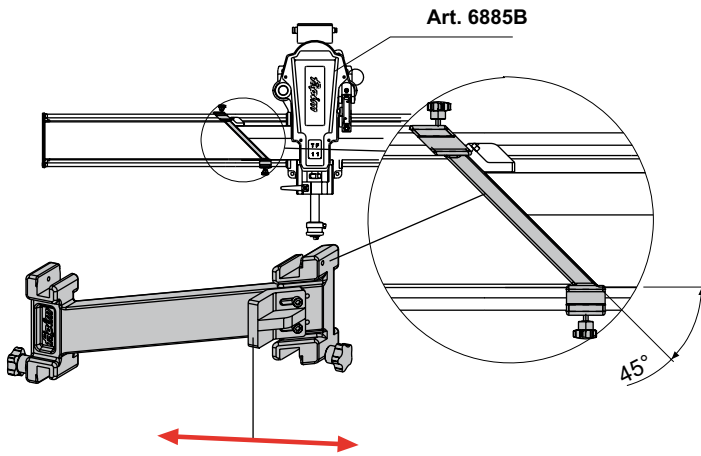


		
6887A	LOIRA+	1
	LOIRA+V	
	LOIRA+TR	



6887D

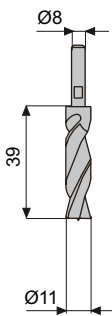
6887D	LOIRA+ LOIRA+TR	1



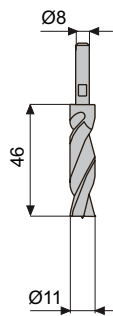
6887AB

6887AB	LOIRA+ LOIRA+TR	1

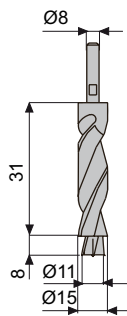
Art. 6889



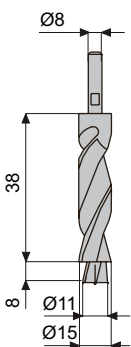
Art. 6889A



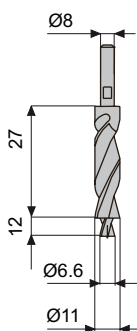
Art. 6890



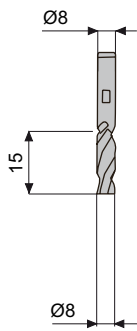
Art. 6890A



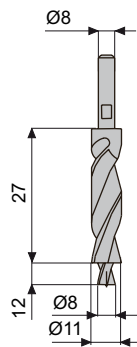
Art. 6891



Art. 6892



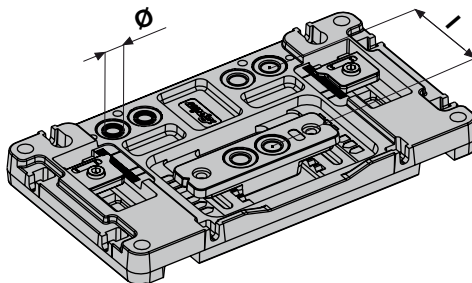
Art. 6892A



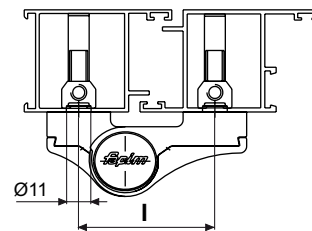
6889  
6889A  
6890  
6890A  
6891  
6892  
6892A

6889	11	LOIRA+
6889A	11	
6890	11 - 15	
6890A	11 - 15	
6891	6.6 - 11	LOIRA+TR
6892	8	
6892A	8 - 11	
		1

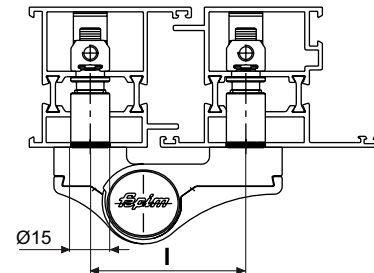
6825  
6825C



Art. 6825



Art. 6825C

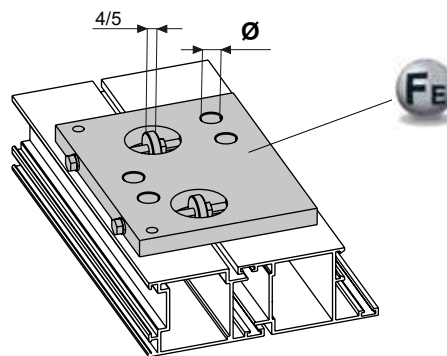


Ø l  
(mm)



6825	11	53-60 67-79	LOIRA+ LOIRA+V LOIRA+TR	1
6825C	15	86-93	LOIRA+	

6842D  
6842E

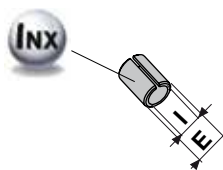


Ø l  
(mm)

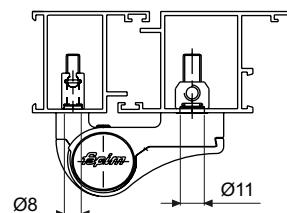
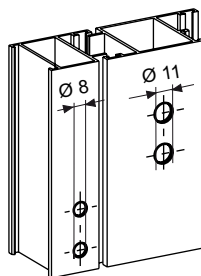


6842D	11	60	LOIRA+ LOIRA+V	1
6842E	11	67		

6866



l Ø 11 → E Ø 8



ØE ØI



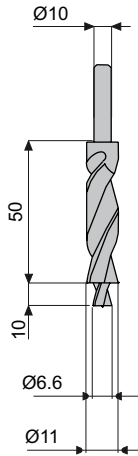
6866	11	8	6825 6842D 6842E	6
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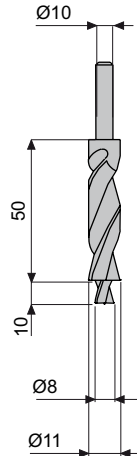


6873  
6874  
6875  
6876  
6877

Art. 6873

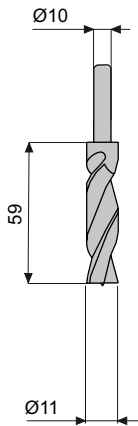


Art. 6874

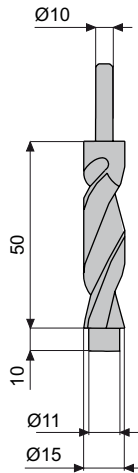


6873	6.6 - 11	LOIRA+V	1
6874	8 - 11	LOIRA+ LOIRA+TR	
6875	11	LOIRA+	
6876	11 - 15		
6877	11 - 15		

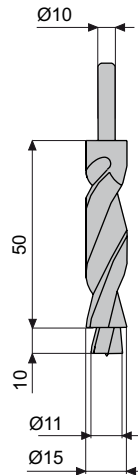
Art. 6875



Art. 6876



Art. 6877







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