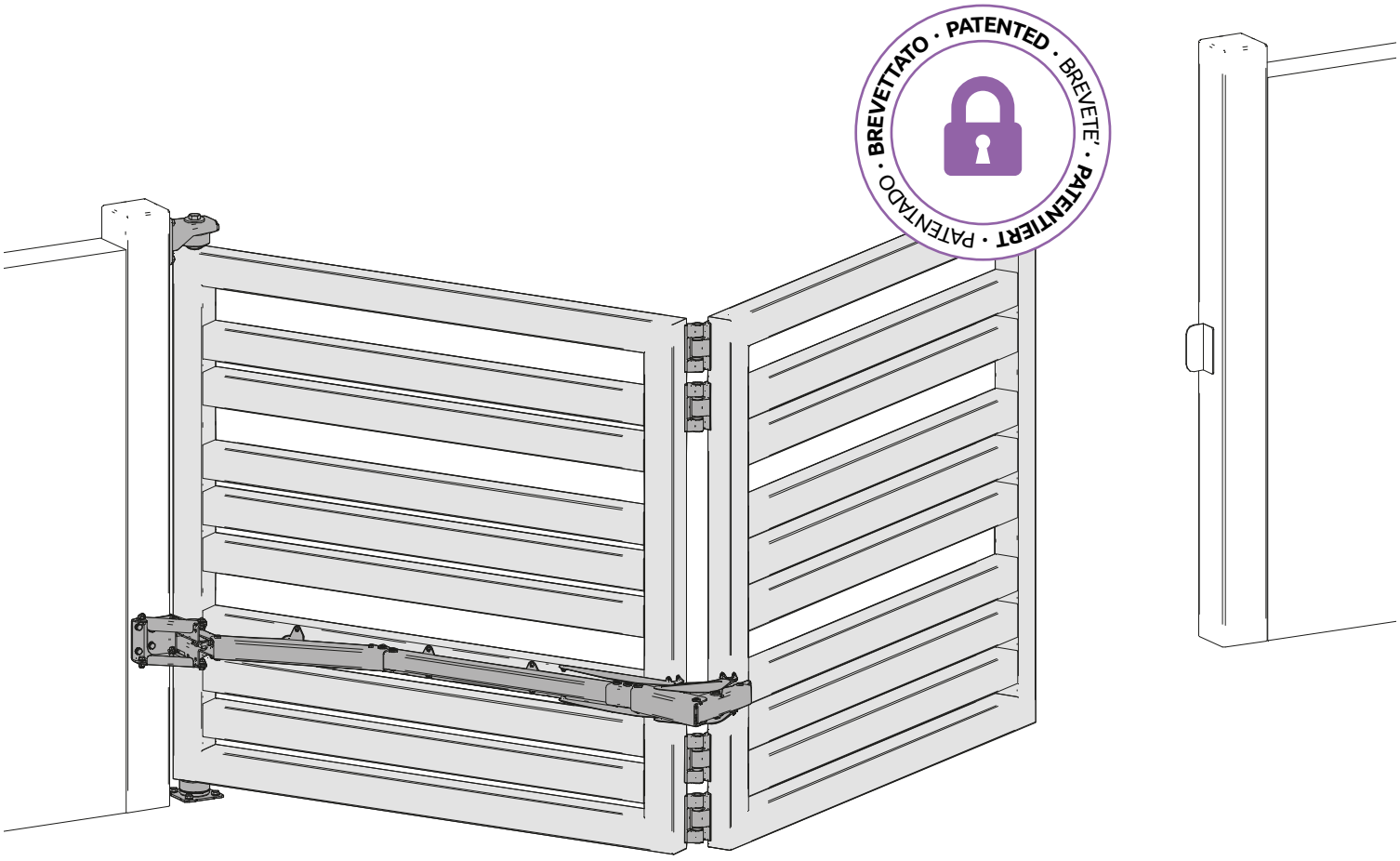
KC7110

KIT BI-FOLDING HD
BI-FOLDING HD KIT

Kit accessori in acciaio zincato e cerniere in alluminio per la realizzazione di **cancelli a libro con ante battenti**, ideali per applicazioni residenziali, industriali, agricole e direzionali. Questa versione **Heavy Duty (HD)**, dotata di braccio rinforzato per aperture di grandi dimensioni, garantisce solidità strutturale e affidabilità nel tempo. Il sistema consente un'apertura fluida e precisa grazie a snodi meccanici **senza necessità di rotaie a terra**, ed è progettato per ridurre al minimo l'ingombro in fase di apertura e chiusura, rendendolo perfetto anche in presenza di spazi limitati o ostacoli. Un'opzione robusta e funzionale, adatta sia a contesti professionali che a esigenze architettoniche complesse.

*Accessory kit in galvanized steel with aluminum hinges, designed for the construction of **folding swing gates**, ideal for residential, industrial, agricultural, and commercial applications. This **Heavy Duty (HD)** version, equipped with reinforced arm for wide openings, ensures structural strength and long-term reliability. The system allows for smooth and precise movement through mechanical joints, **without the need for ground tracks,** and is designed to minimize space usage during opening and closing—making it ideal even in limited or obstructed areas. A robust and functional option, suitable for professional environments as well as complex architectural needs.*



Video di installazione
Installation video

Scansiona il QR code o clicca
Scan the QR code or click on

KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

COMPONENTI
COMPONENT LIST

			
VC7101.080	**VC7102.080**	**VL4500.140.V**	**VC7105**
	 *PIASTRA INCLUSA PLATE INCLUDED*		
VC4114.090	**VC4202.090**	**VA5402.003**	**maschera di fissaggio / fixing mask**

KIT DISPONIBILI
AVAILABLE KITS

KC7110.180	**CON CARDINE TONDO A SALDARE** *WITH ROUND HINGE TO WELD*	
VC4114.090	Cardine superiore tondo | *Round upper Hinge*	
VC4202.090	Cardine inferiore tondo | *Round bottom Hinge*	

ARTICOLI CORRELATI Collegati al nostro sito per le diverse tipologie e misure disponibili
RELATED ARTICLES Click on our website for other related items


VC7116.060


VC9101
VC9111


VC5101
VC5102
VC5103

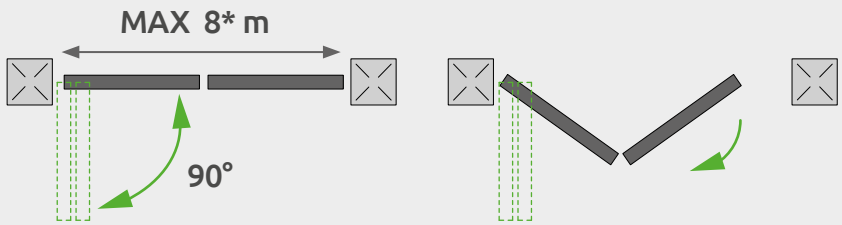
Accessori per cancelli ad anta
Swing Gate *Hardware*

Scansiona il QR code o clicca
Scan the QR code or click on

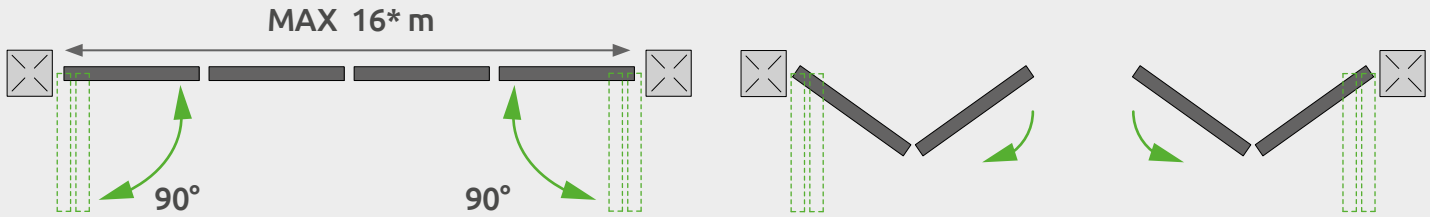
KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

MODALITA' DI UTILIZZO
MODE OF USE

1x KC7110.180 — per cancello singolo / for single gate use



2x KC7110.180 — per cancello doppio / for double gate use



*
IT: Per installazioni tra i 6 m e gli 8 m, contattare il servizio di supporto tecnico FAC.
EN: For installations between 6 m and 8 m, please contact FAC support service.

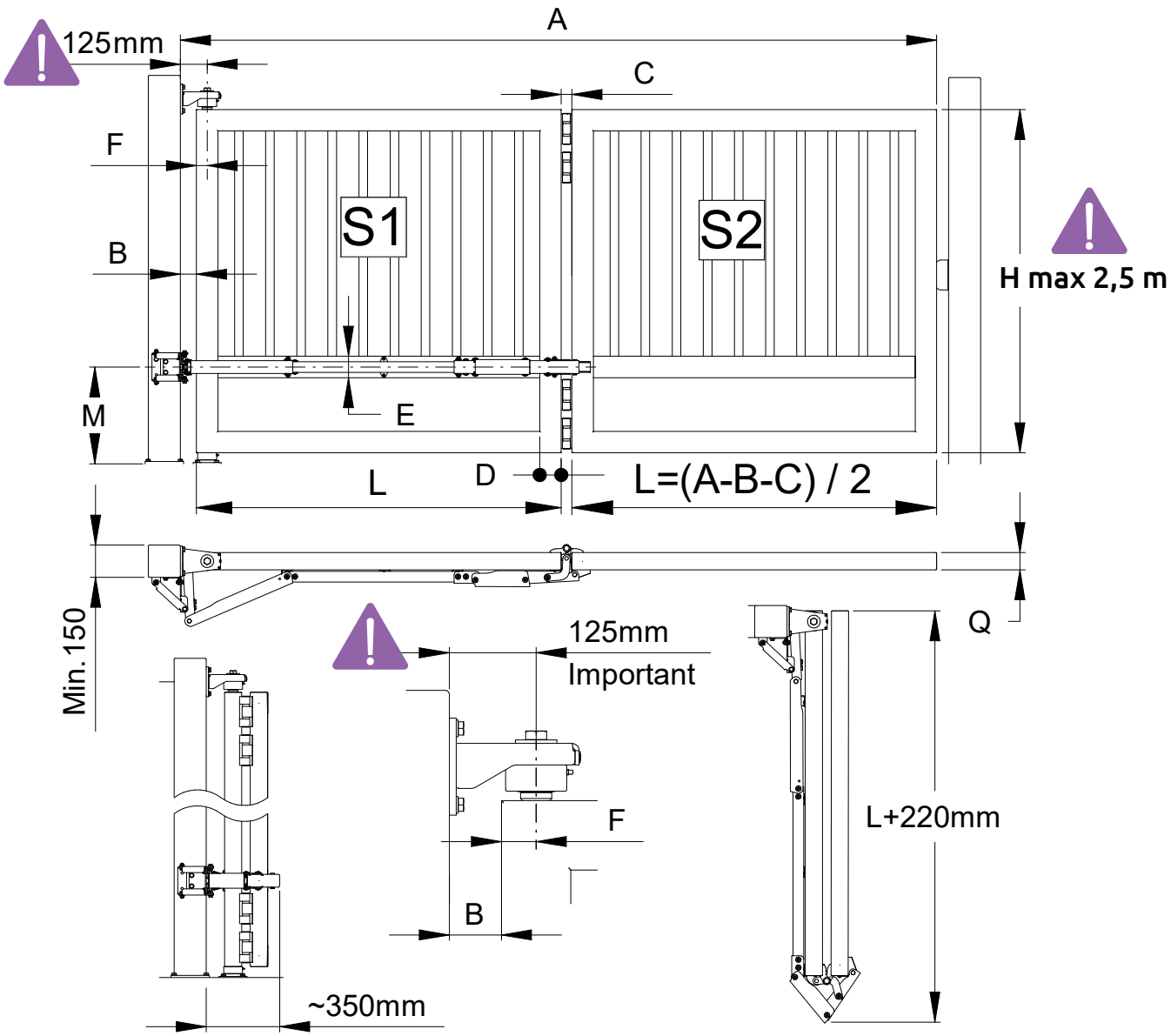
Bi-folding Brochure

Scansiona il QR code o clicca
Scan the QR code or click on

KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

DIMESIONAMENTO
DIMENSIONING

A min-max (m)	B min (mm)	C (mm)	D min (mm)	E (mm)	M	L min (m)	Q (mm)	A/H max
3 - 8	75	50	50	100	Vicino al motore Near the engine	1,44	60 - 80	3



Apertura A (m) *Opening A (m)*	L (m) con/with B=0,07 m
3	~ 1,43
4	~ 1,93
5	~ 2,43
6	~ 2,93

CALCOLO DI ESEMPIO MISURE FUORI TABELLA
EXAMPLE CALCULATION OF OUT-OF-TABLE MEASUREMENTS

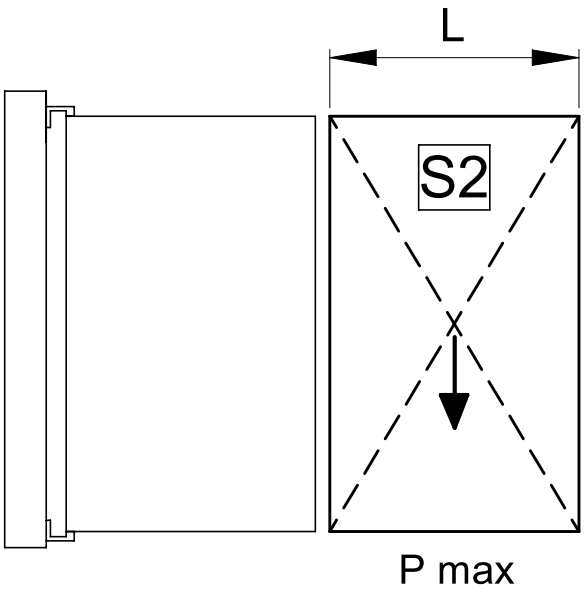
A = 5,6 m
B = 85 mm
C = 50 mm (da tabella sopra / as per above table)
L = (A-B-C)/2
L = (5,6-0,085-0,05)/2
L = 5,465/2
L = 2,73 m

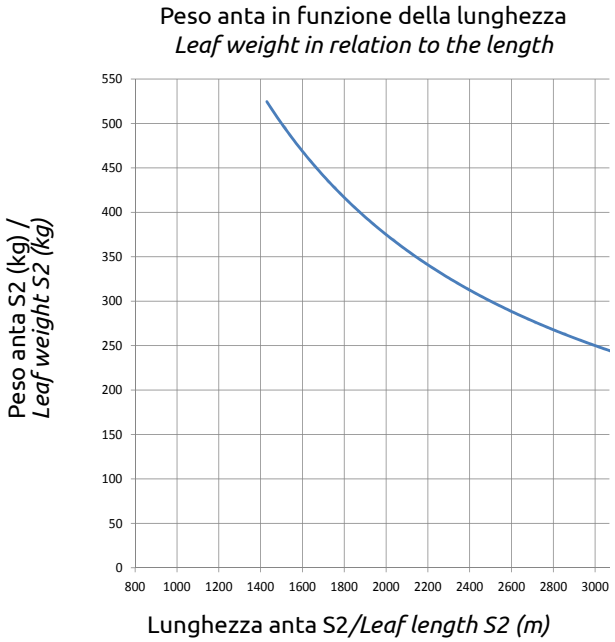
Nel caso di aperture comprese tra 6 e 8 metri, vi invitiamo a contattare il nostro supporto tecnico: saremo lieti di affiancarvi nella scelta dei corretti dimensionamenti. Questa fascia richiede particolare attenzione per garantire durabilità, prestazioni ottimali e sicurezza nel tempo.

For gate openings between 6 and 8 meters, we recommend contacting our technical support team. We will be happy to assist you in selecting the appropriate dimensions. This range requires particular attention to ensure durability, optimal performance, and safety over time.

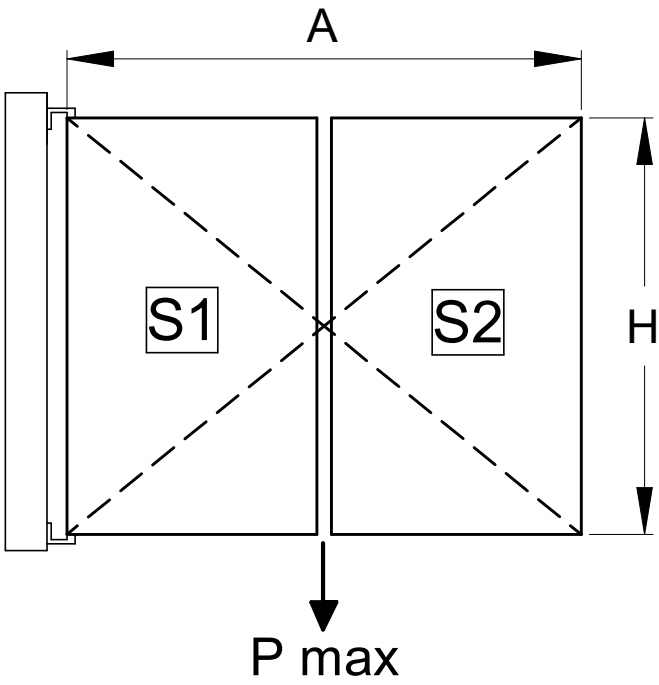
KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

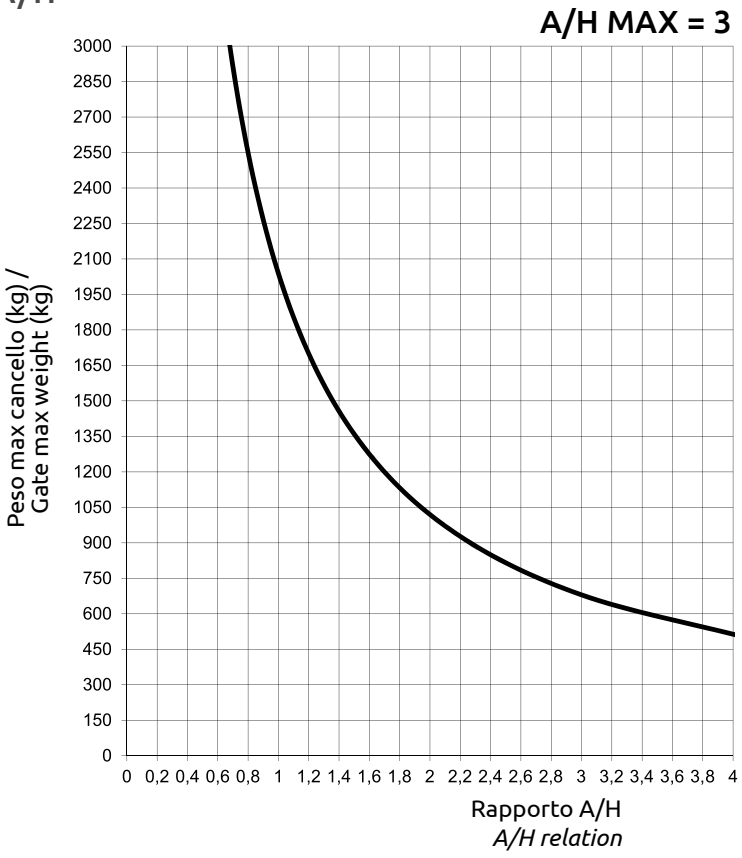
PESO MAX S2 IN FUNZIONE DI L
MAX WEIGHT S2 IN RELATION TO L





PORTATA CARDINI IN FUNZIONE DI A/H
HINGES WEIGHT CAPACITY IN RELATION TO A/H





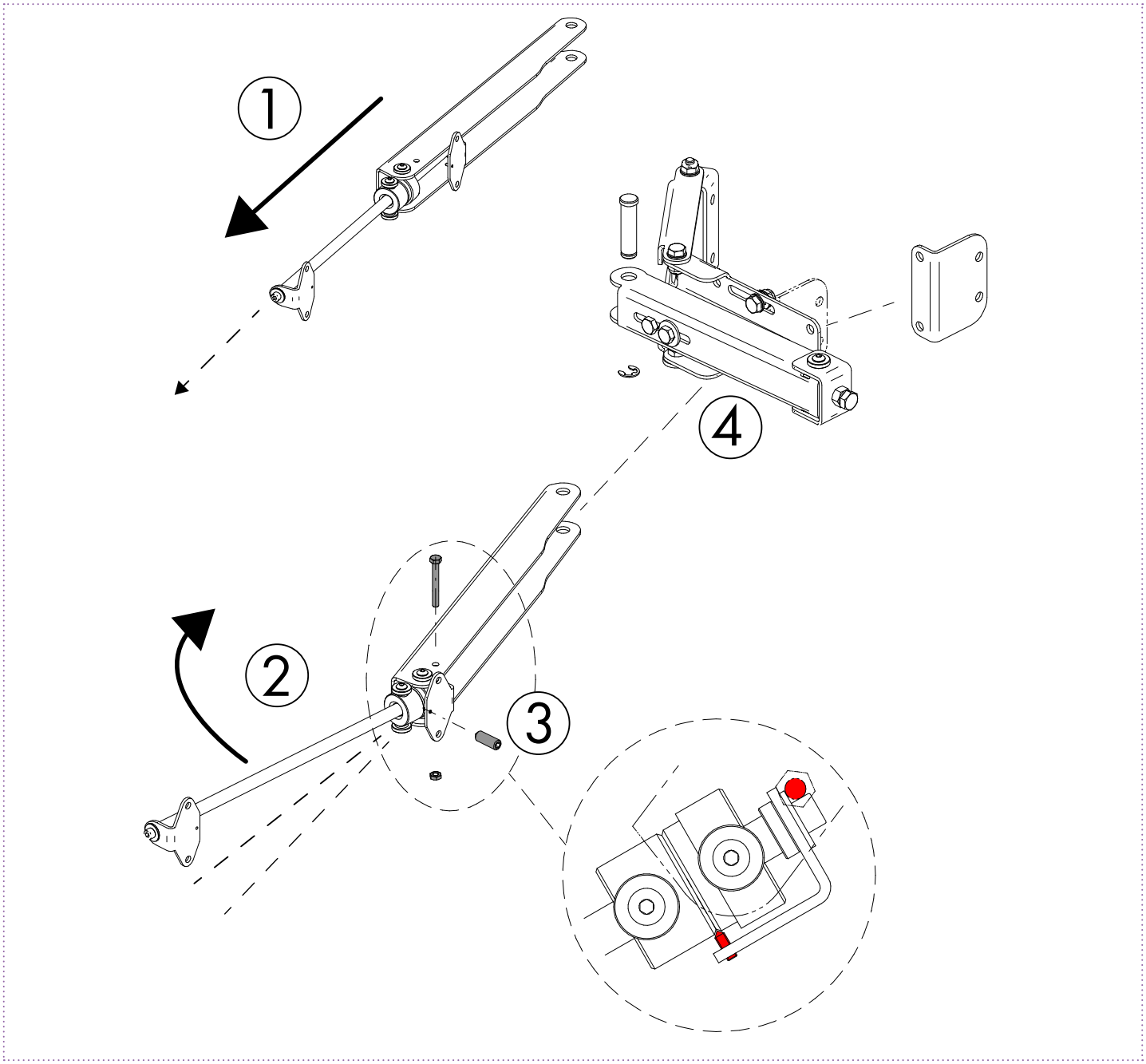
Il punto di incrocio tra peso e rapporto A/H deve posizionarsi sotto alla curva del kit.
The crossing point between weight and A/H relation must be under the curve of the kit.

KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

MONTAGGIO SNODO COLONNA
COLUMN JOINT ASSEMBLY

Seguire i passaggi illustrati nell'immagine sottostante per assemblare correttamente lo snodo colonna.
Follow the steps illustrated in the image below to correctly assemble the column joint.





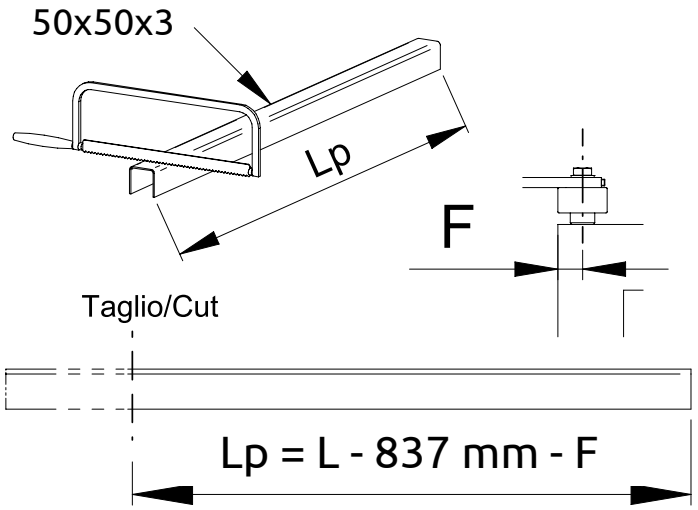
KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

INFO TECNICHE
TECHNICAL INFO

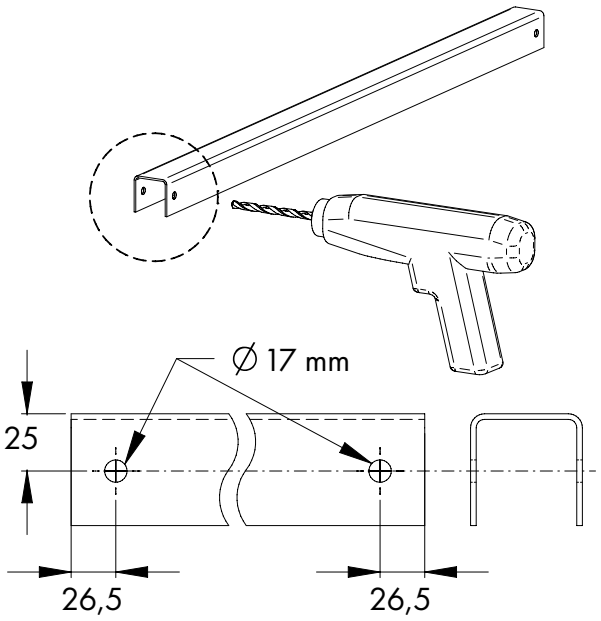
1. Per cancelli motorizzati prevedere partenze ed arresti lenti e velocità idonei ad evitare effetti elastici tra le ante. Questi accorciano la durata del sistema e sono causa di malfunzionamenti e rotture.

***1.** For motorized gates provide slow starting points, soft stops and suitable speed in order to avoid elastic effects between the leaves. Accelerations, decelerations and high-speed variations can shorten the system duration and can cause malfunctions and disruptions.*

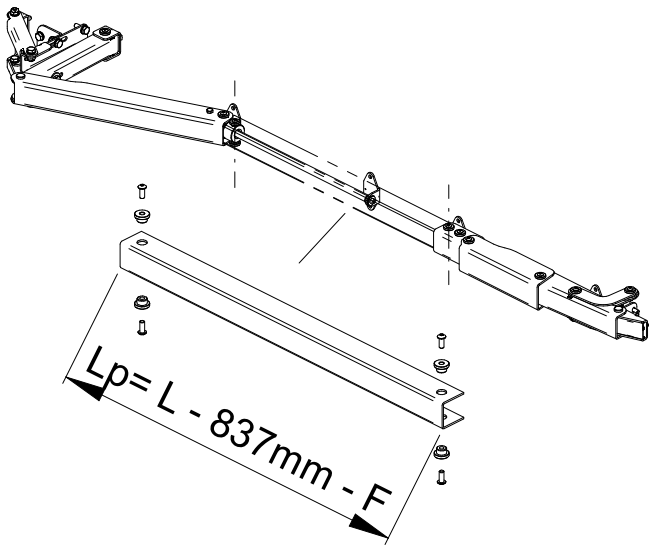
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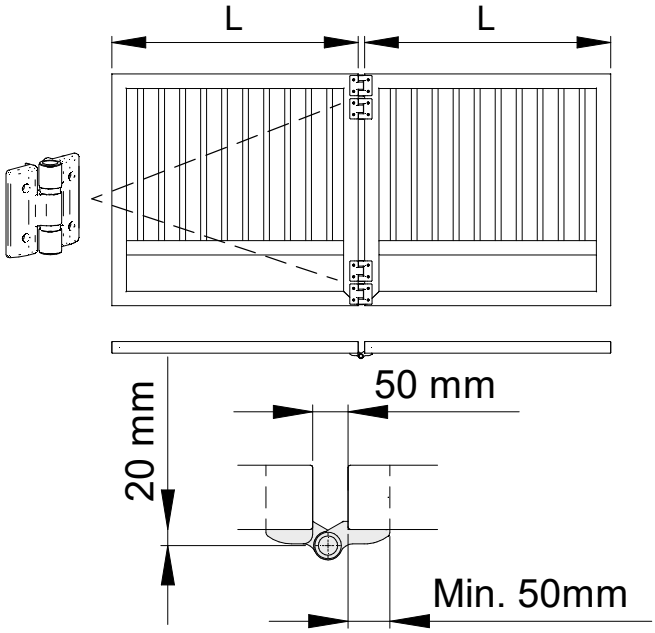
2



3

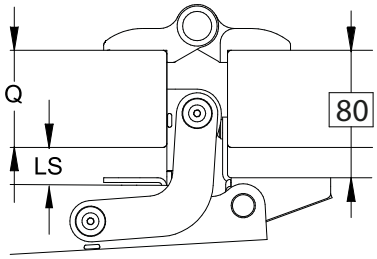


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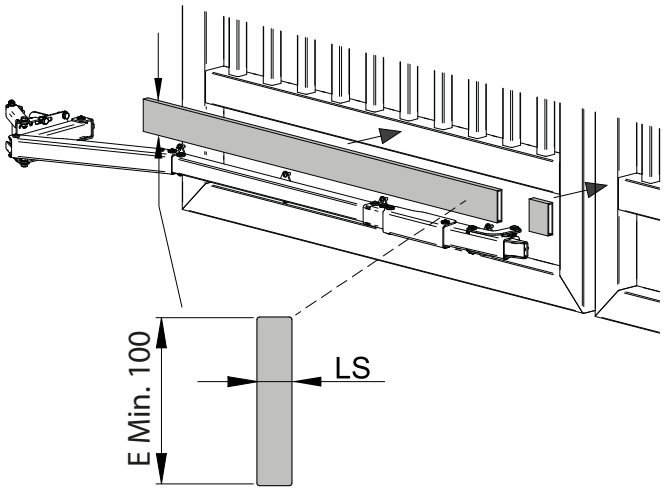


KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

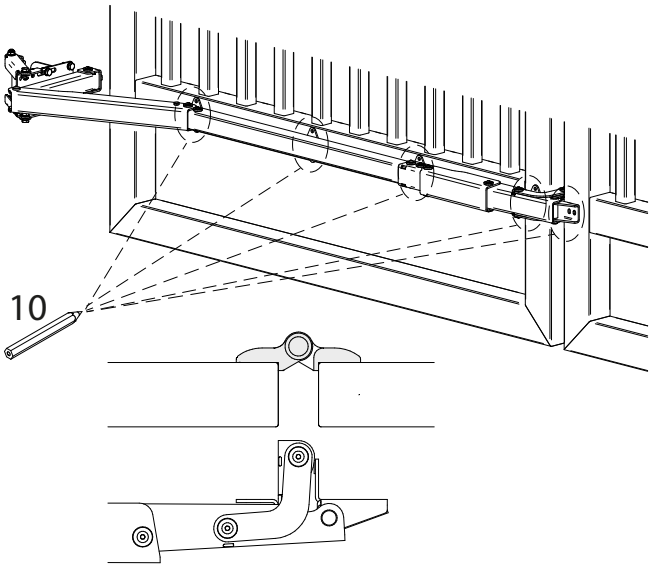
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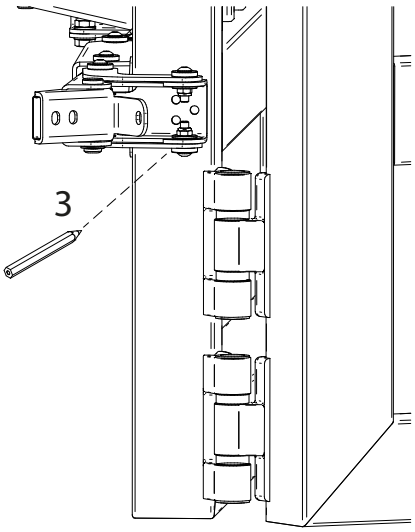


Q (mm)	LS (mm)
60	20
80	/

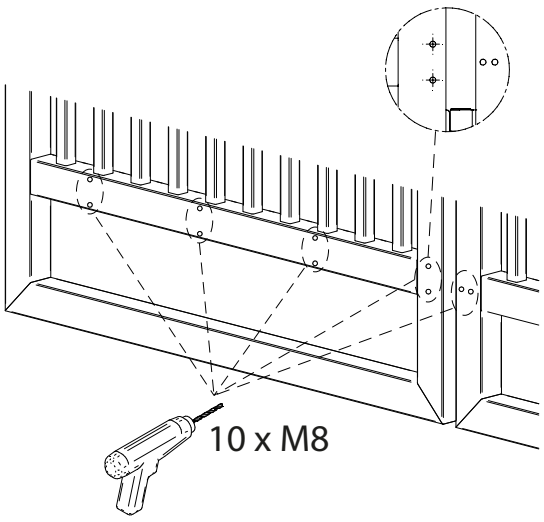


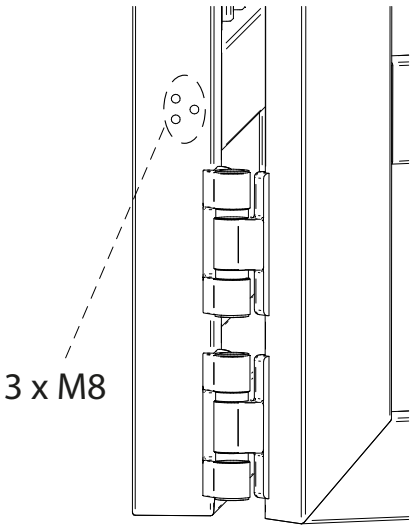
6





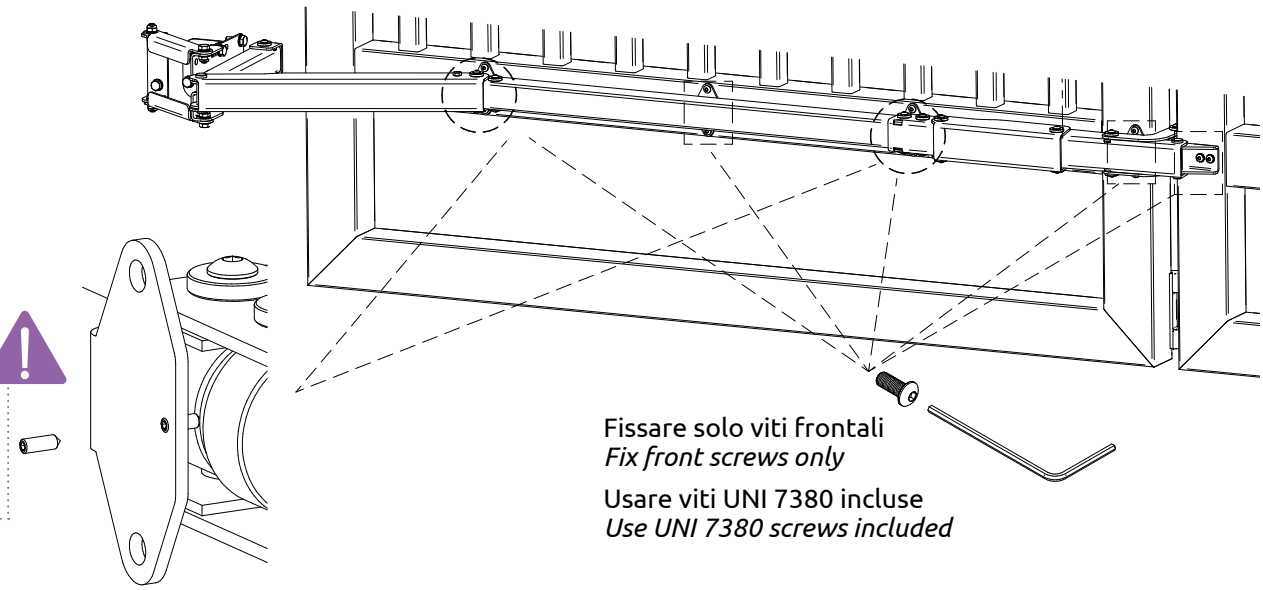
7





KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

8

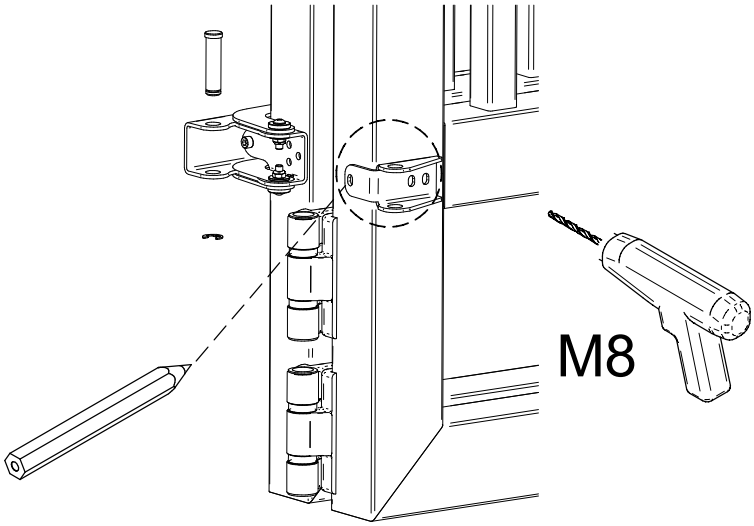


Rimuovere prima di fissare
Remove before fixing

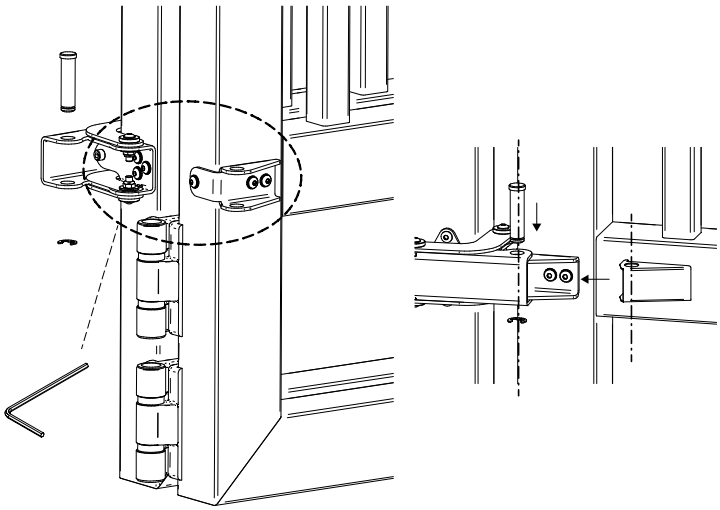
Fissare solo viti frontali
Fix front screws only

Usare viti UNI 7380 incluse
Use UNI 7380 screws included

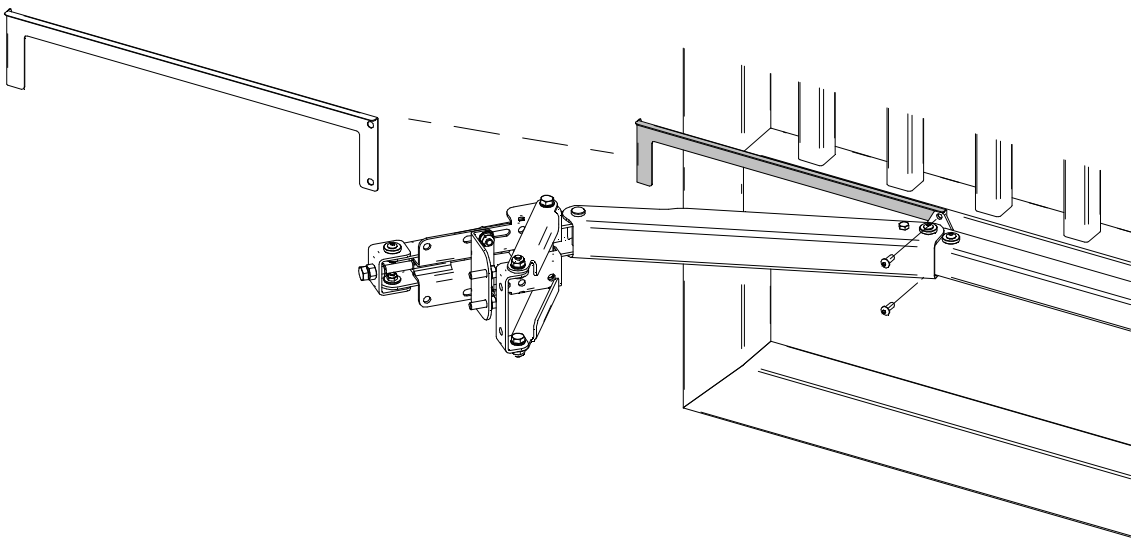
9



10

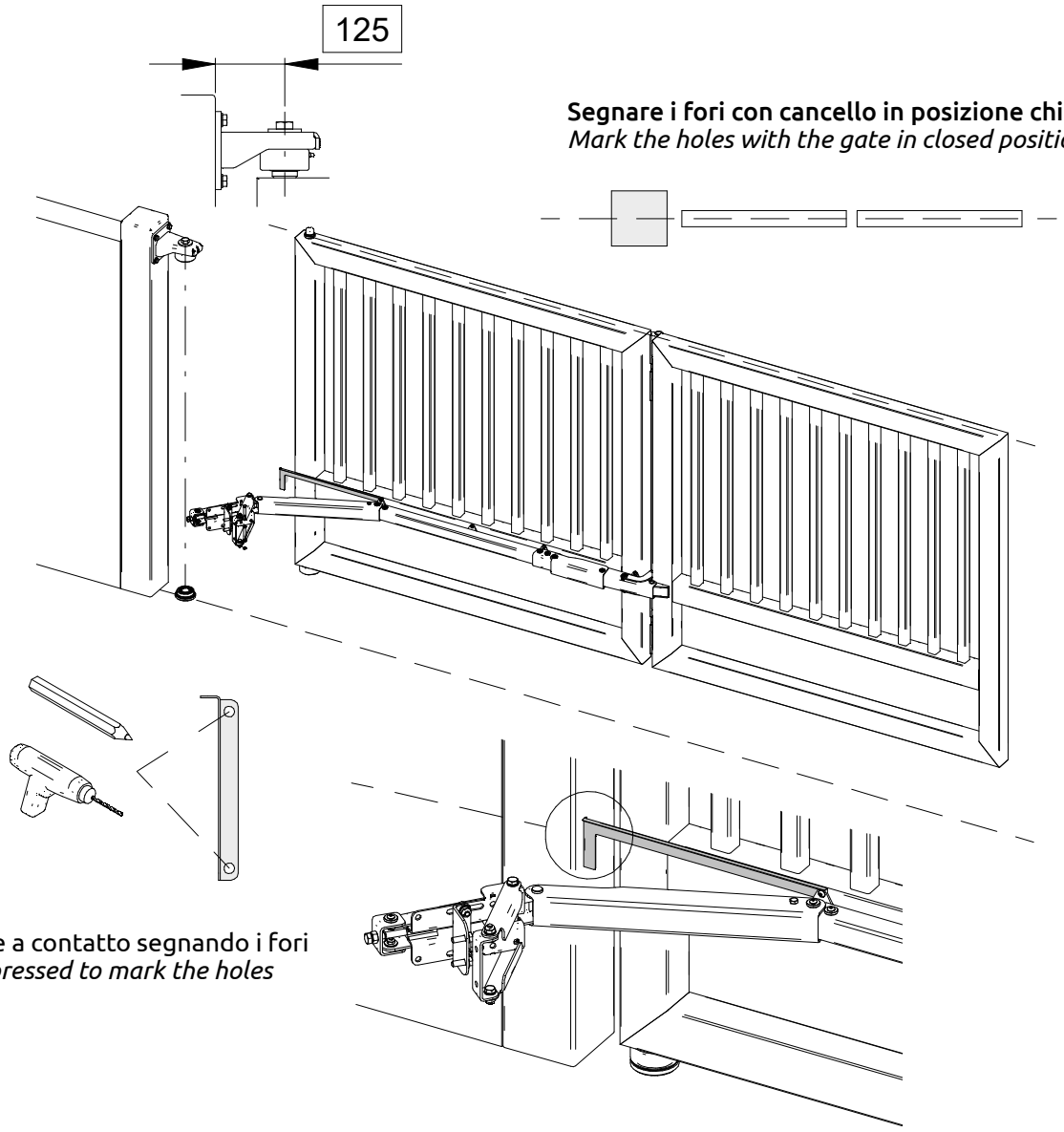


11



KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

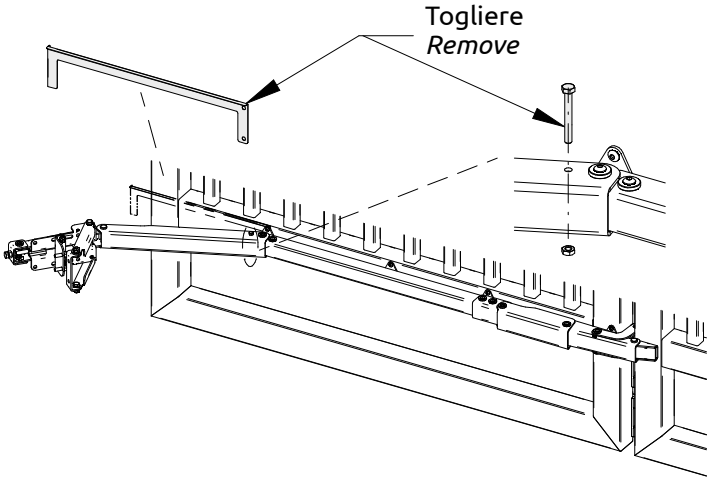
12



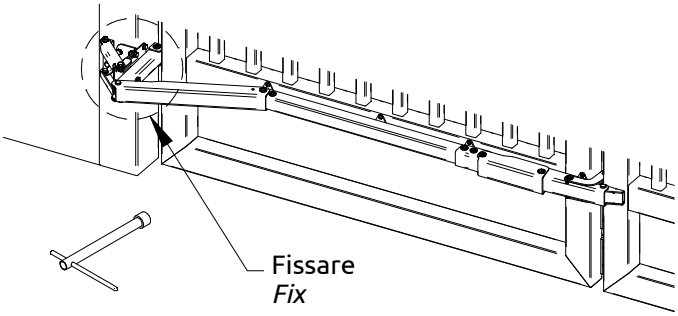
Segnare i fori con cancello in posizione chiusa
Mark the holes with the gate in closed position

Tenere a contatto segnando i fori
Keep pressed to mark the holes

13

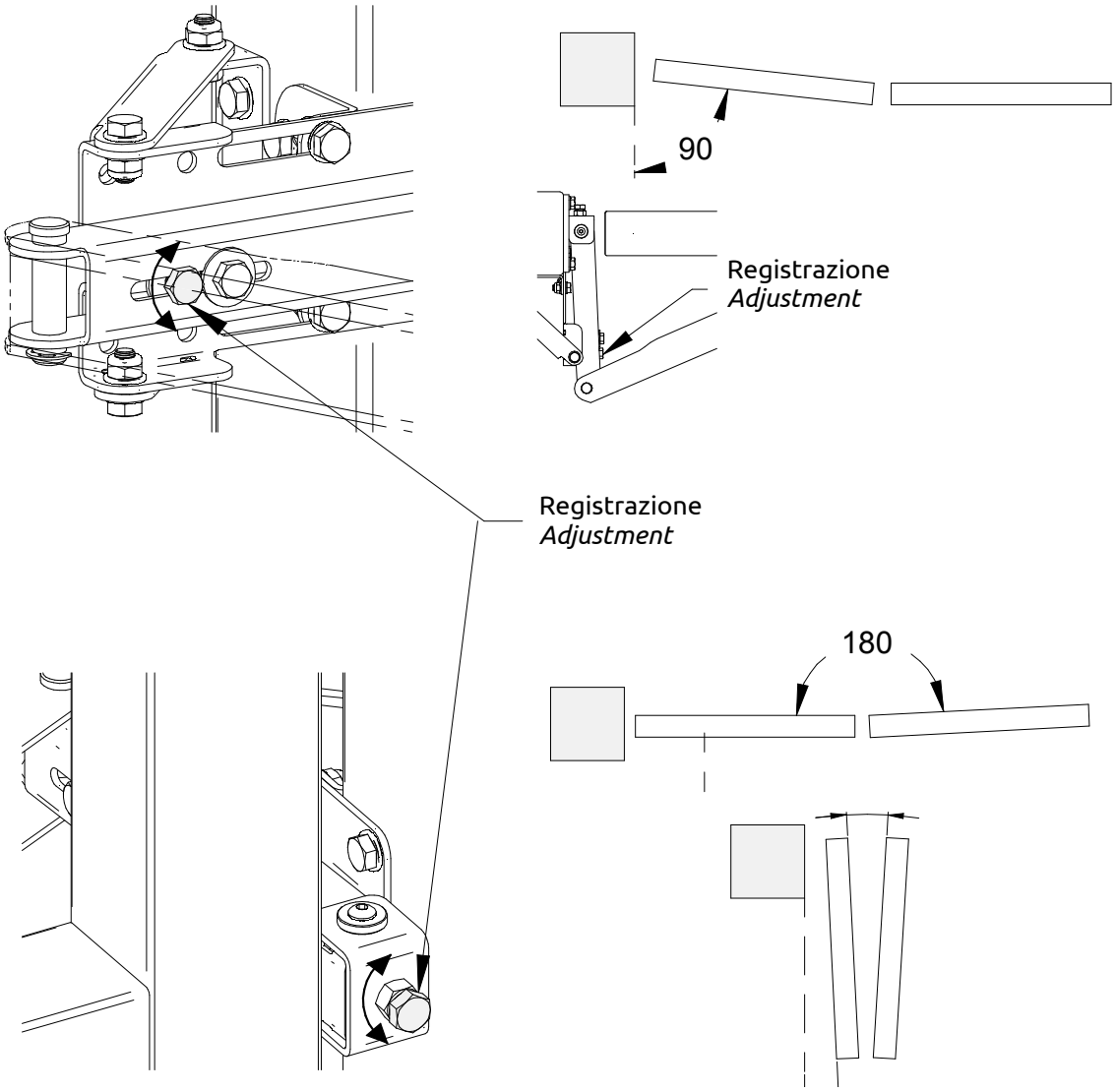


14

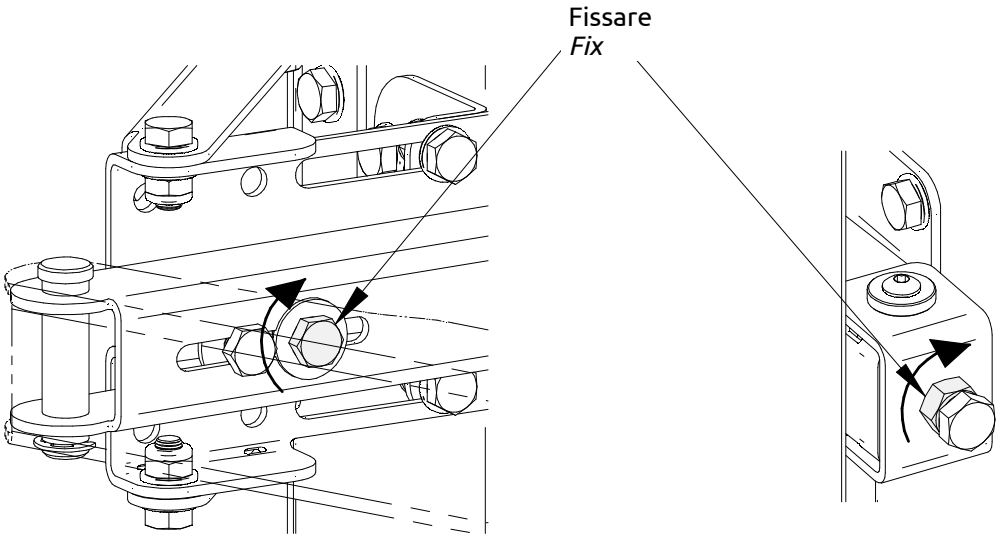


KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

15

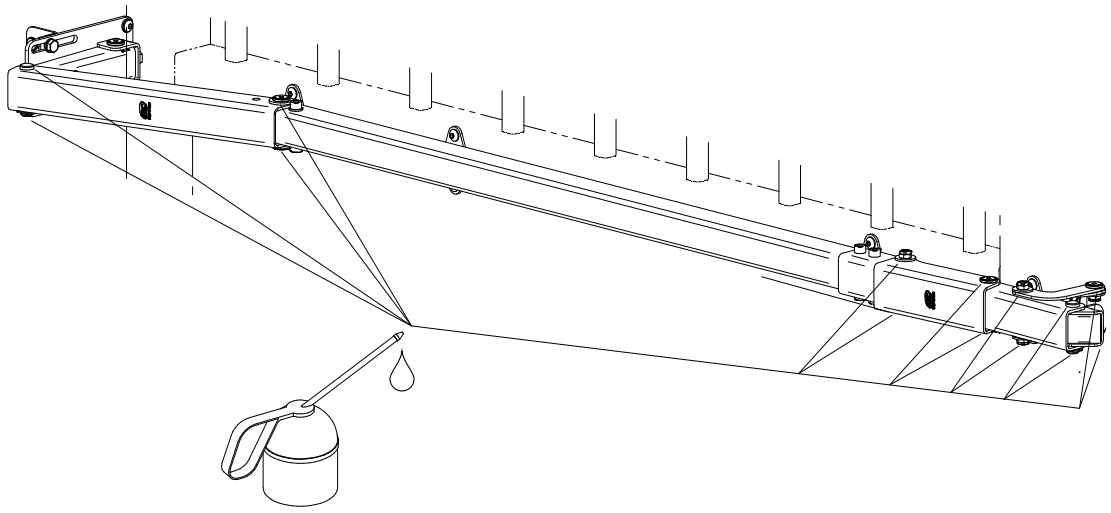


16

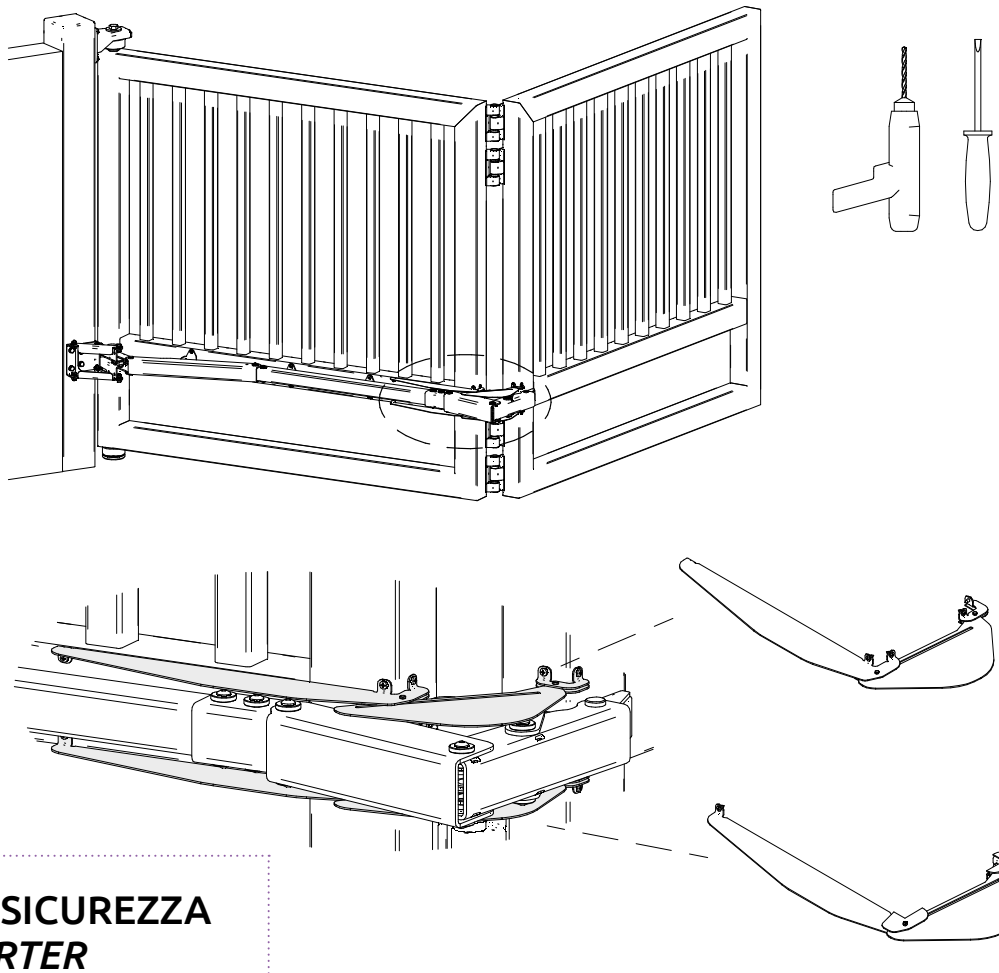


KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

17



18



CARTER DI SICUREZZA
SAFETY CARTER

MANUTENZIONE
MAINTENANCE

1. Eseguire le verifiche di funzionamento manuale al termine dell'installazione. Controllare periodicamente che il sistema sia correttamente funzionante, privo di allentamenti e ben lubrificato (consigliato ogni tre mesi o massimo ogni 8000 cicli). Se necessario intervenire serrando le viti e lubrificando (vedi FIG. 15-17).
2. In caso di malfunzionamenti dovuti a usura o urti accidentali, verificare che tutti i componenti destinati al sostegno del cancello e alla sua movimentazione siano integri ed eventualmente procedere alla sostituzione.
3. FAC srl garantisce il corretto funzionamento del sistema esclusivamente con l'utilizzo di ricambi originali.

1. *Perform manual functioning checks at the end of installation. Periodically verify that the system works correctly, is well lubricated, and has no loosened parts (we recommend a full check every 3 months or after a maximum of 8,000 cycles). If necessary, tighten the screws and lubricate (see FIG. 15-17).*
2. In case of malfunctions due to wear or accidental impacts, make sure that all components supporting the gate and enabling its movement are intact; if necessary, replace them.
3. *FAC srl ensures the correct functioning of the system only when using original spare parts.*

ATTENZIONE
ATTENTION

Gli accessori compresi nei kit e l'installazione proposta si riferiscono a un esempio standard. Un'installazione non conforme alla procedura illustrata e/o l'omissione della corretta manutenzione potrebbero causare malfunzionamenti e compromettere la sicurezza di persone e cose adiacenti. Verificare che gli accessori siano idonei all'opera specifica e che siano presenti i necessari dispositivi di sicurezza previsti dalle normative vigenti nel paese di installazione.

The kit-included accessories and the proposed installation refer to a standard example. An installation not in accordance with the illustrated procedure and/or omission of proper maintenance may cause malfunctions and compromise the safety of people and nearby property. Ensure that the accessories are suitable for the specific application and that the necessary safety devices required by current regulations in force in the country of installation are installed.

RICICLO
RECYCLING

Gli accessori forniti sono costituiti principalmente da materiali ferrosi, ma possono includere anche componenti in gomma o plastica. Gli imballi sono costituiti in cartone e possono inlcudere imballi in plastica per piccoli componenti. Lo smaltimento deve avvenire in conformità alle disposizioni legislative e ambientali vigenti nel Paese di installazione. Gli accessori sono conformi alle normative vigenti e non contengono sostanze SVHC (Substances of Very High Concern).

The accessories provided are mainly made of ferrous materials, but they may also include components made of rubber or plastic. The packaging is made of cardboard and can include plastic packaging for small components. Disposal must comply with the legislative and environmental provisions applicable in the country of installation.
The accessories comply with current regulations and do not contain SVHC (Substances of Very High Concern).

INFO
INFO

FAC srl si riserva il diritto di apportare modifiche alle caratteristiche del prodotto senza obbligo di preavviso, in funzione delle proprie esigenze progettuali e produttive. FAC srl declina ogni responsabilità per eventuali modifiche, anche parziali, apportate al prodotto da parte dell'installatore. Le prestazioni dichiarate sono garantite esclusivamente se l'installazione viene eseguita secondo le istruzioni riportate sulle schede tecniche e da personale qualificato.
Per ulteriori informazioni scrivici a: **info@facsrl.com**

FAC srl reserves the right to make changes to the product's characteristics without prior notice, based on its design and production requirements. FAC srl declines all responsibility for any changes, even partial, made to the product by the installer. The declared performance is guaranteed only if the installation is carried out according to the instructions in the technical data sheets and by qualified personnel.
For further information, write to us at: ***info@facsrl.com***

SUPPORTO TECNICO
TECHNICAL SUPPORT

Per qualsiasi dubbio o chiarimento in merito al dimensionamento e alla corretta applicazione del prodotto, il nostro supporto tecnico è a completa disposizione. Siamo lieti di fornirvi tutte le informazioni necessarie per garantire un'installazione ottimale ed efficiente.
Non esitate a contattarci:
La vostra soddisfazione è parte integrante della nostra qualità.

If you have any questions or need clarification regarding the sizing or proper application of the product, our technical support team is at your complete disposal. We will be happy to provide all the necessary information to ensure optimal and efficient installation.
Don't hesitate to contact us:
Your satisfaction is an integral part of our commitment to quality.



CONTATTACI
CONTACT US

FAC srl
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36033 Isola Vicentina
Vicenza · ITALY

Contact us
Tel. +39 0444 976241
Fax +39 0444 976936
info@facsrl.com

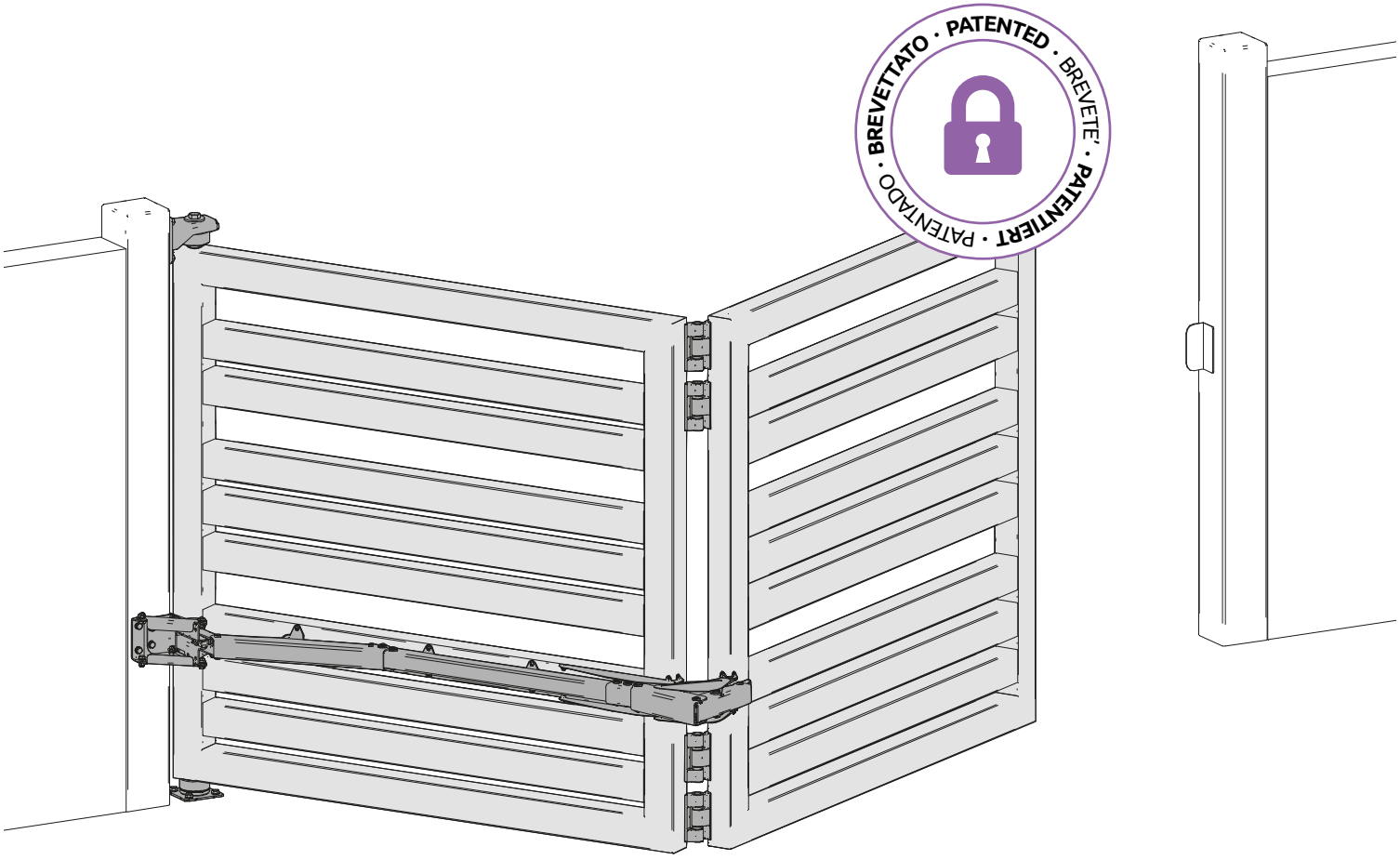
FACSRL.COM

KC7110

KIT BI-FOLDING HD
HD BI-FOLDING-KIT

Kit accessoires en acier galvanisé , avec charnières en aluminium, **pour la réalisation du portail Bi-folding version lourde**. Le nouveau **système HD** a toutes les caractéristiques du Bi-folding, avec un bras renforcé qui permet de soutenir des portails plus lourdes. Toutes les charnières, spécialement conçues, garantissent un mouvement rapide mais très précis, qui, **sans le besoin d'aucune rail au sol**, créent un système d'une solidité exceptionnelle. De plus, les portes pliantes permettent de réduire au minimum l'encombrement pendant les phases d'ouverture et de fermeture. Ce système est conçu pour une utilisation industrielle et commerciale, avec une attention particulière aux besoins de protection et de sécurité typiques de tous nos systèmes.

Zubehör-Kit aus verzinktem Stahl mit Aluminiumscharnieren. ***Für ein Bi-Folding-Tor in der schweren Ausführung mit Falttflügeltür.*** *Das* ***System HD*** *hat sich die Eigenschaften des Bi-Folding-Systems mit einem verstärkten Arm, der erhebliche Öffnungsweiten erreichen kann, zu eigen gemacht. Die Torbänder und Scharniere sind Spezialentwürfe und gewährleisten eine außerordentlich solide Anlage sowie eine zügige,* ***präzise Bewegung ohne Einsatz von Bodenschienen****. Außerdem verringern die faltbaren Türen den Platzbedarf beim Öffnen und Schließen auf ein Mindestmaß. Dieses System ist ideal für industrielle oder kommerzielle Anwendungen. Gleichzeitig bleibt das Augenmerk stets auf die Schutz- und Sicherheitsanforderungen gerichtet.*



Vidéo d'installation
Installationsvideo

Scannez le code QR ou cliquez
Scannen Sie den QR-Code oder klicken Sie

KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

LISTE DE COMPOSANTS
KOMPONENTEN



VC7101.080



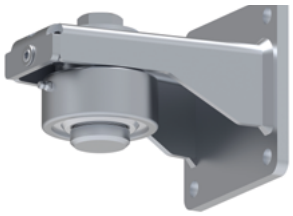
VC7102.080



VL4500.140.V



VC7105



VC4114.090



VC4202.090



VA5402.003



modèle pour le forage/
Bohrlehre

KITS DISPONIBLES
VERFÜGBARE KITS

KC7110.180	**AVEC GOND ROND À SOUDER** ***MIT ANZUSCHWEISSENDEM RUNDEN TORBAND***
VC4114.090	Gond supérieur rond | *Rundes Torband oben*
VC4202.090	Gond inférieur rond | *Rundes Torband unten*



ARTICLE CONNEXES Connectez-vous sur notre site pour voir les différents types et mesures disponibles
VERWANDTE ARTIKEL Welche Arten und Maße erhältlich sind, erfahren Sie auf unserer Website

Accessoires pour portails pivotants
Zubehör für Flügeltore



VC7116.060



VC9101
VC9111



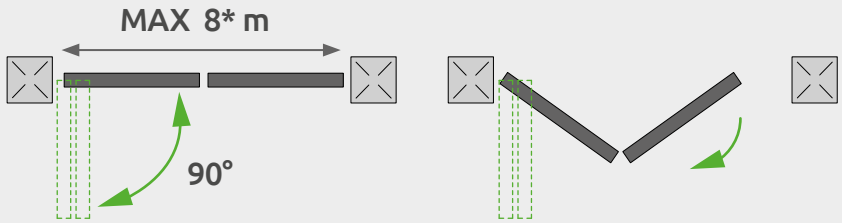
VC5101
VC5102
VC5103

Scannez le code QR ou cliquez
Scannen Sie den QR-Code oder klicken Sie

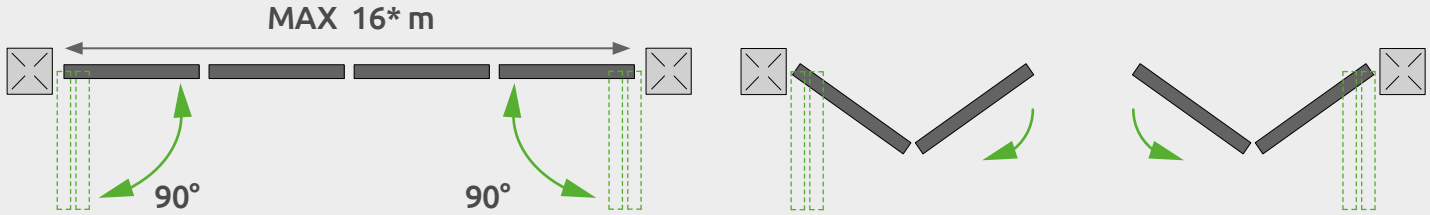
KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

MODALITÉS D'UTILISATION
VERWENDUNGSMODALITÄTEN

1x KC7110.180 — **pour seule porte** / **für Einzeltor**



2x KC7110.180 — **pour double porte** / **für Doppeltor**



*
FR: Pour les installations entre 6 m et 8 m, veuillez contacter le service d'assistance FAC.
DE: Für Installationen zwischen 6 m und 8 m wenden Sie sich bitte an den FAC-Kundendienst.

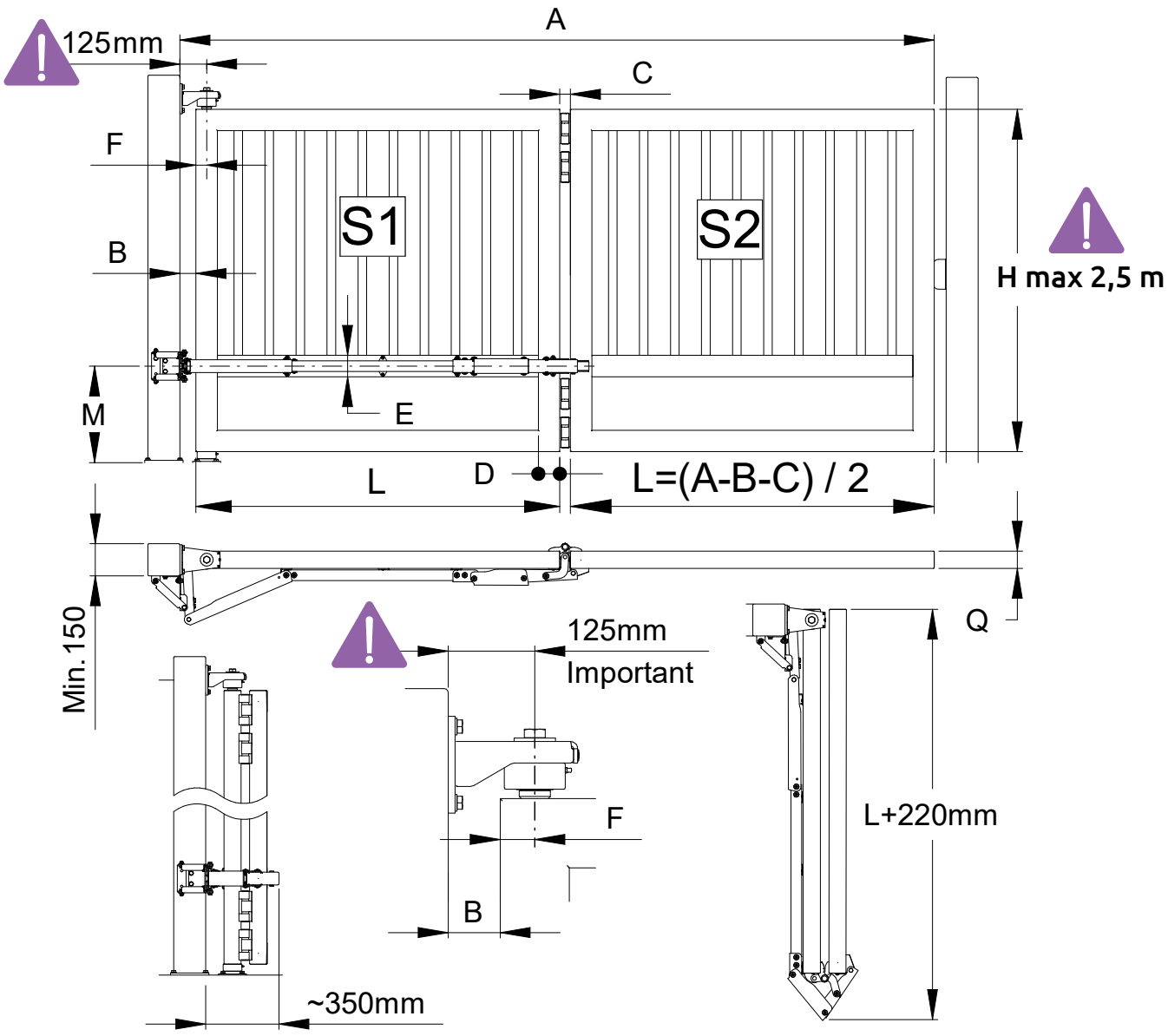
Bi-folding Brochure

Scannez le code QR ou cliquez
Scannen Sie den QR-Code oder klicken Sie

KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

DIMENSIONNEMENT
BEMESSUNG

A min-max (m)	B min (mm)	C (mm)	D min (mm)	E (mm)	M	L min (m)	Q (mm)	A/H max
3 - 8	75	50	50	100	Près du moteur In Motornähe	1,44	60 - 80	3



Ouverture A (m) *Öffnung A (m)*	L (m) avec/mit B=0,07 m
3	~ 1,43
4	~ 1,93
5	~ 2,43
6	~ 2,93

EXEMPLE AVEC MESURES HORS TABLEAU
BEISPIEL NICHT IN TABELLE VERZEICHNETE MASSE

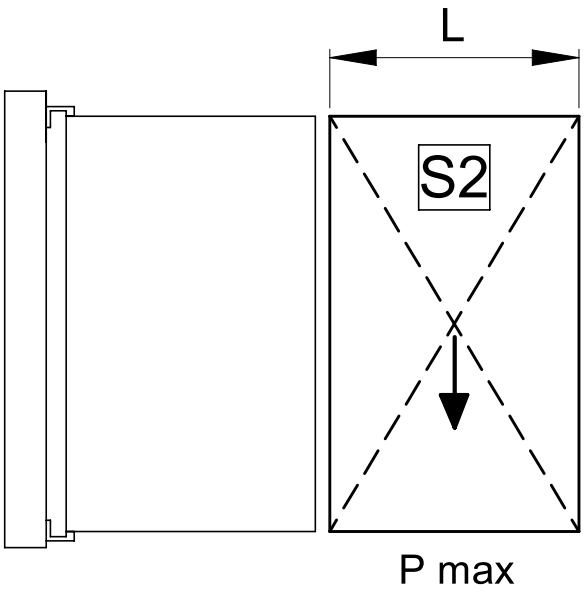
A = 5,6 m
B = 85 mm
C = 50 mm (voir tableau/gemäß der obigen Tabelle)
L = (A-B-C)/2
L = (5,6-0,085-0,05)/2
L = 5,465/2
L = 2,73 m

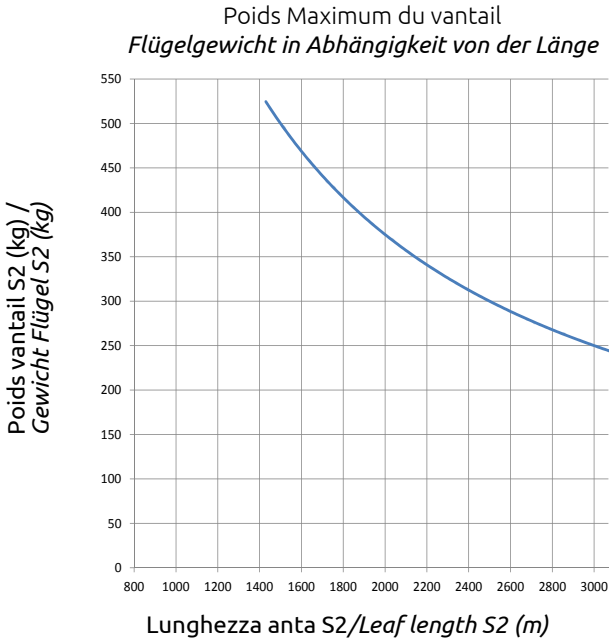
Pour les ouvertures comprises entre 6 et 8 mètres, veuillez contacter notre assistance technique : nous serons ravis de vous aider à choisir les dimensions adaptées. Cette plage nécessite une attention particulière afin de garantir la durabilité, des performances optimales et la sécurité dans le temps.

Bei Öffnungen zwischen 6 und 8 Metern wenden Sie sich bitte an unseren technischen Support: Wir helfen Ihnen gerne bei der Auswahl der richtigen Abmessungen. Dieser Bereich erfordert besondere Aufmerksamkeit, um Langlebigkeit, optimale Leistung und Sicherheit über einen langen Zeitraum zu gewährleisten.

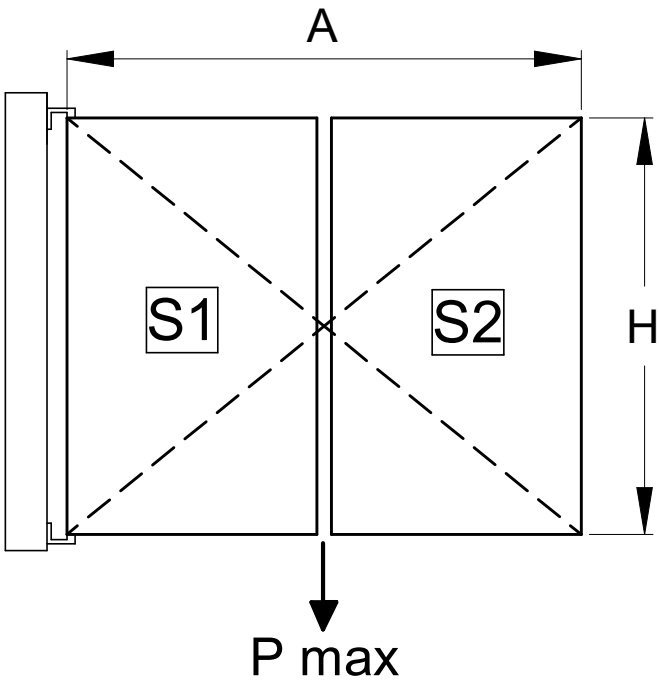
KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

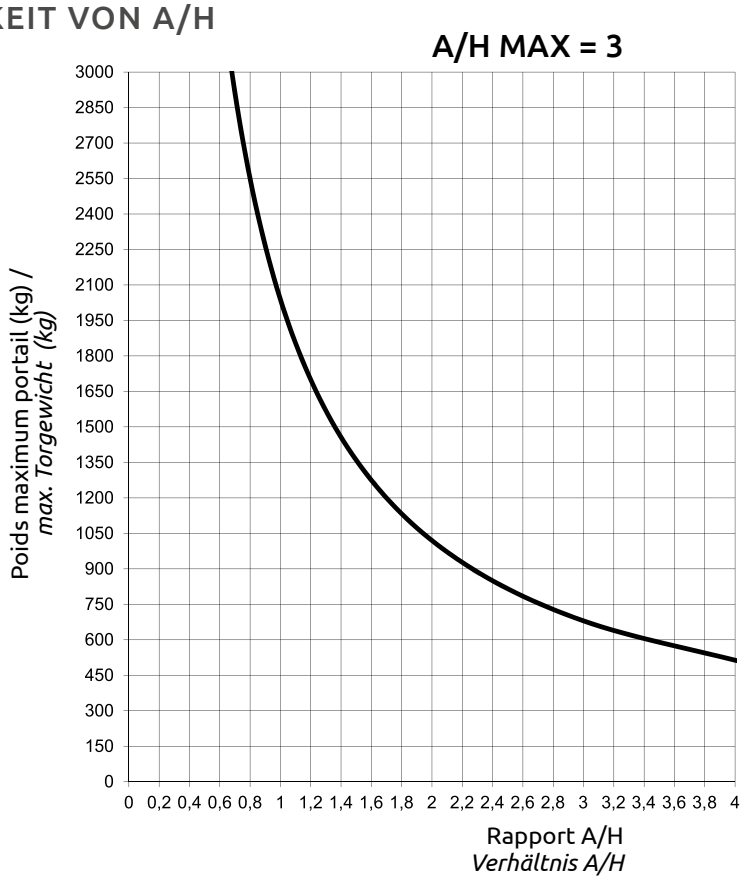
POIDS MAXIMUM DU VANTAIL S2 EN FONCTION DE LA LONGUEUR L
MAX. GEWICHT S2 IN ABHÄNGIGKEIT VON L





CHARGE GONDS EN FONCTION DE A/H
TRAGFÄHIGKEIT TORBÄNDER IN ABHÄNGIGKEIT VON A/H





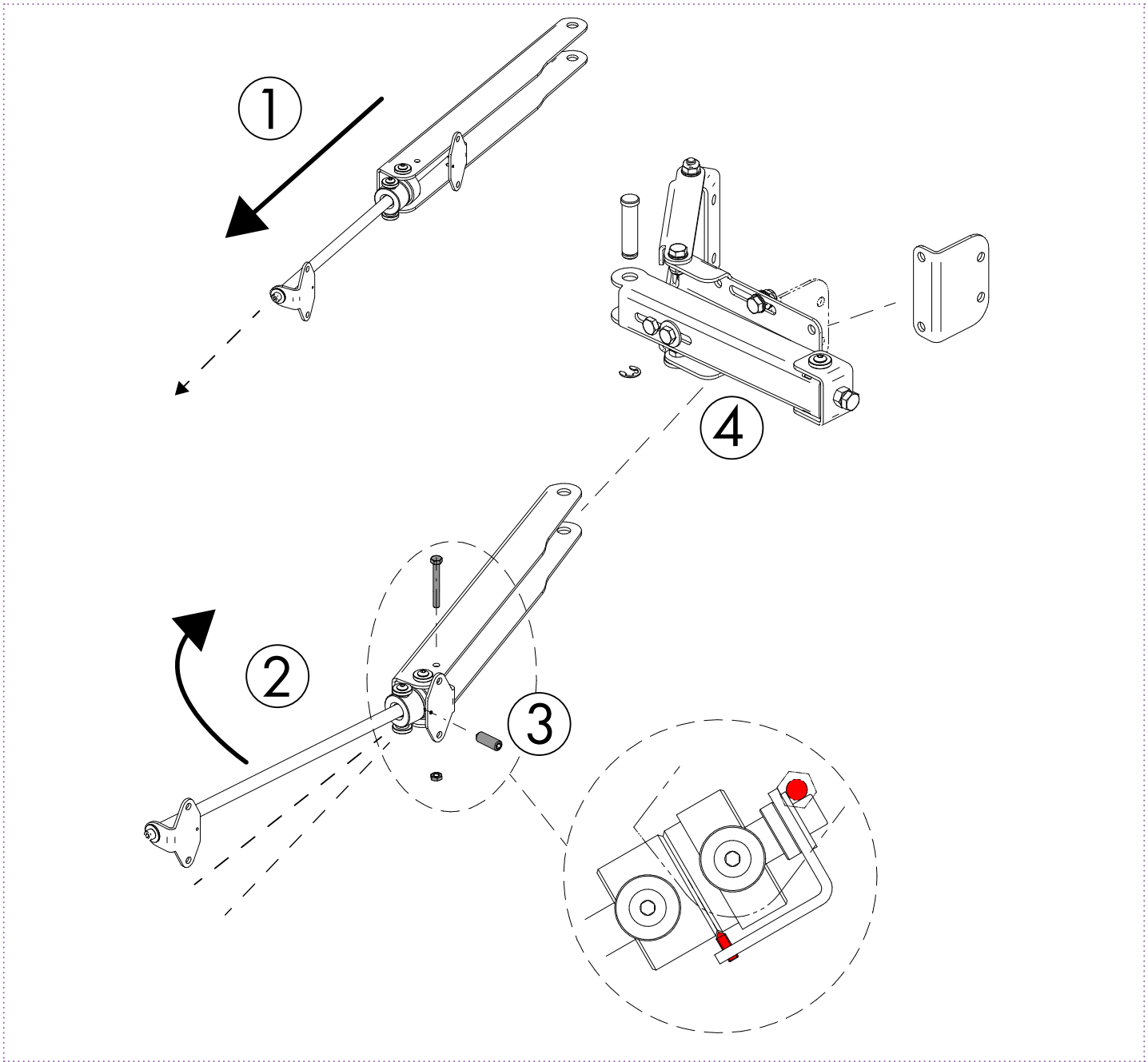
Le point d'intersection entre le poids et le rapport A/H doit être sous la courbe du Kit choisi.
Der Schnittpunkt der Grafiken Gewicht und Verhältnis A/H muss sich unterhalb der Kurve für das gewählte Kit befinden.

KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

MONTAGE DU JOINT DE PILIER
MONTAGE DES SÄULEVERBINDUNGEN

Suivez les étapes illustrées ci-dessous pour assembler correctement le jonction pilier.
Befolgen sie die in der bildung unten dargestellten schritte, um die säulenverbindung korrekt zusammenzubauen.





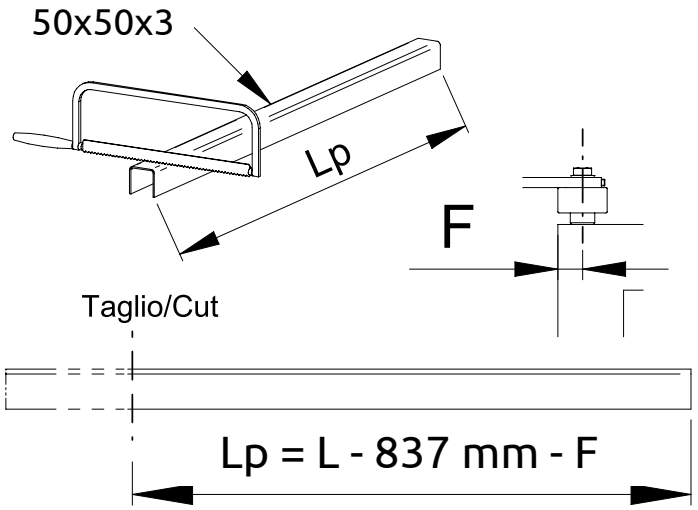
KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

INFO TECHNIQUE
TECHNISCHE INFORMATIONEN

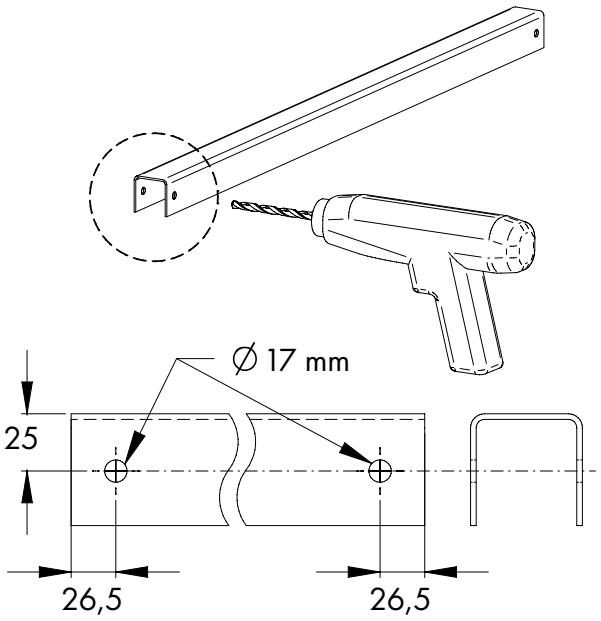
1. Pour portails motorisés il faut faire très attention dans le choix et le calibrage de la vitesse : démarrage et arrêt en douceur sont fortement recommandés. Une vitesse excessive peut être très stressant pour le système et être la cause des desserrages ou causer la ruptures des certaines pièces.

1. *Bei motorisierten Toren sind ein langsames Anfahren und Anhalten sowie Geschwindigkeiten vorzusehen, die elastische Effekte zwischen den Flügeln vermeiden. Diese verkürzen die Lebensdauer des Systems und sind die Ursache für Fehlfunktionen und Bruch.*

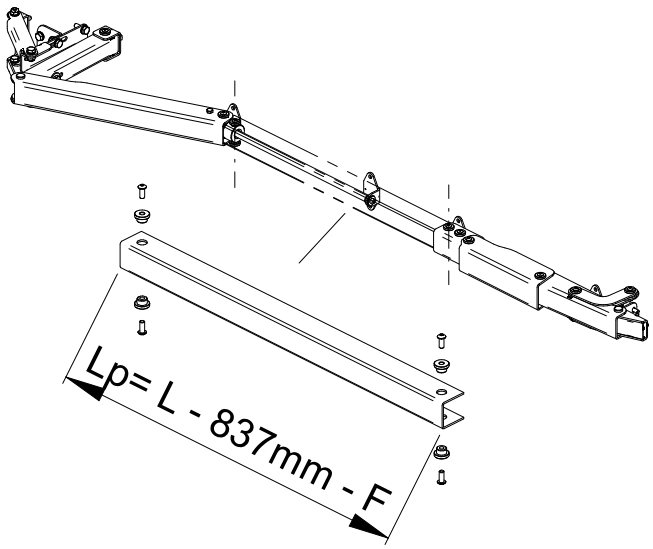
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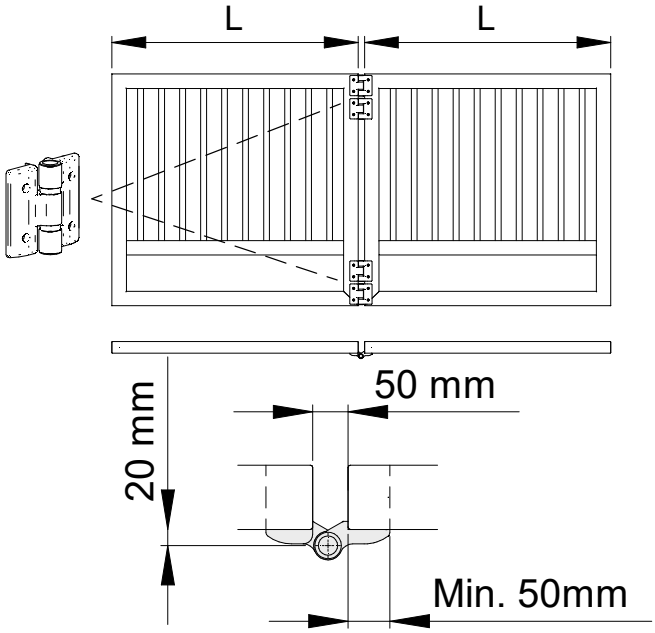
2



3

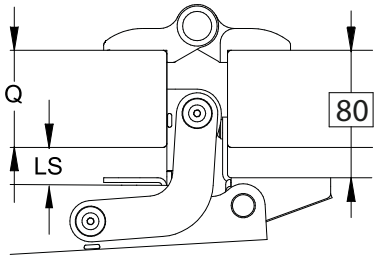


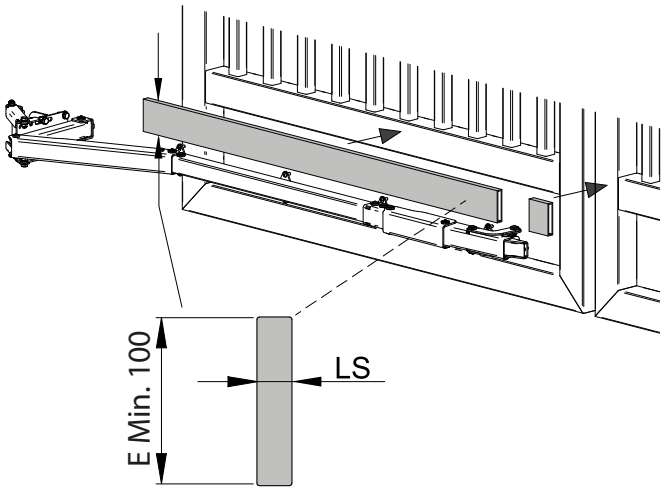
4



KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

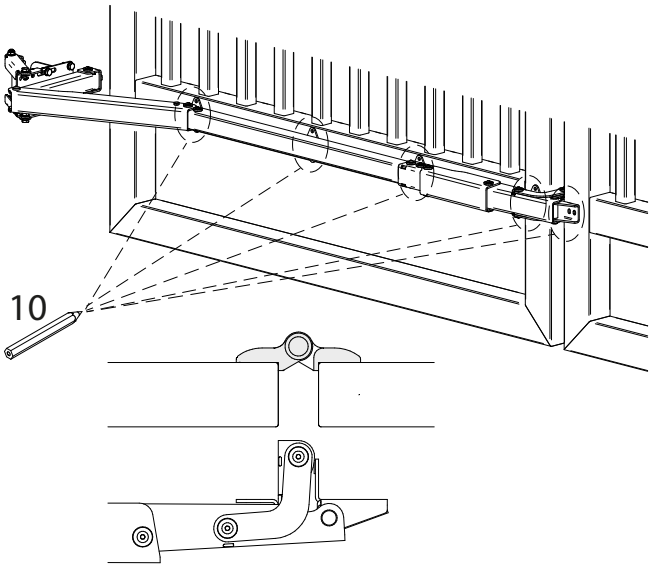
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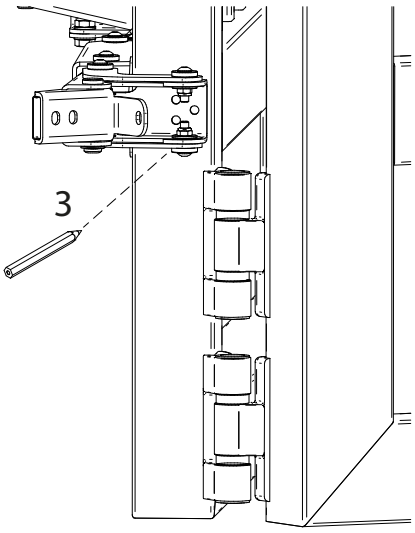




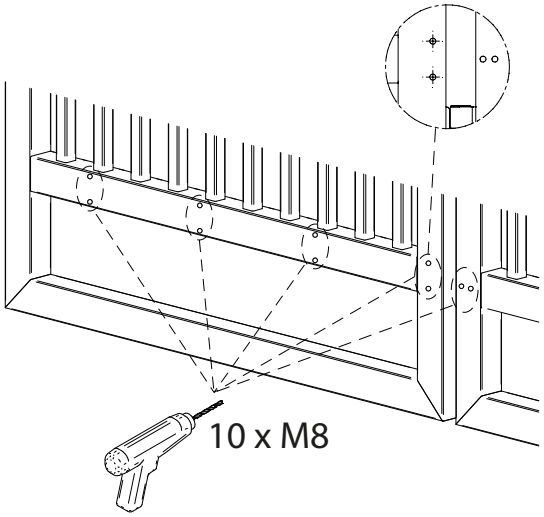
Q (mm)	LS (mm)
60	20
80	/

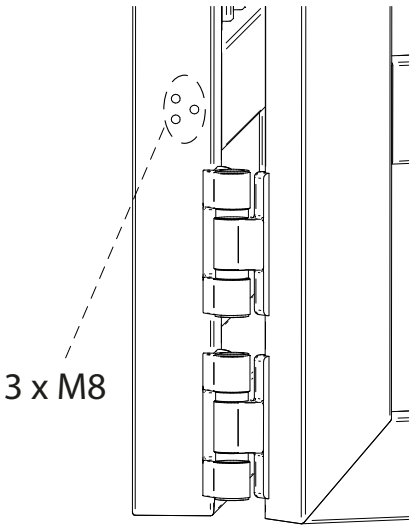
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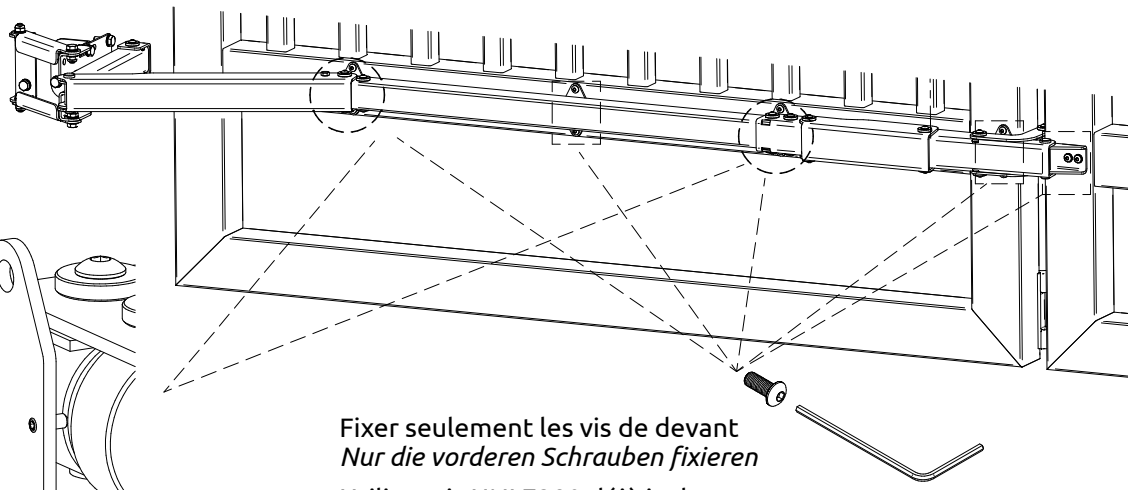
7

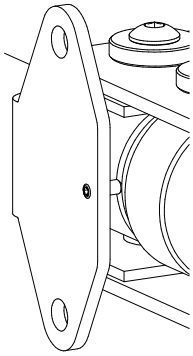




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8



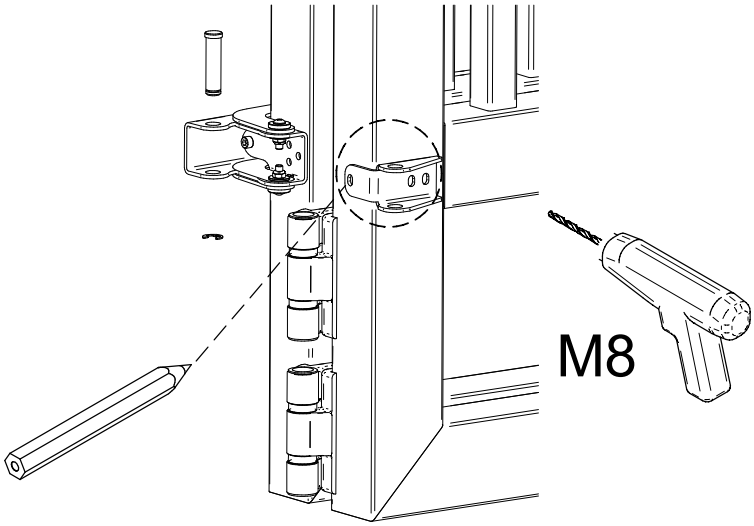


Retirer avant de fixer
Vor dem Befestigen entfernen

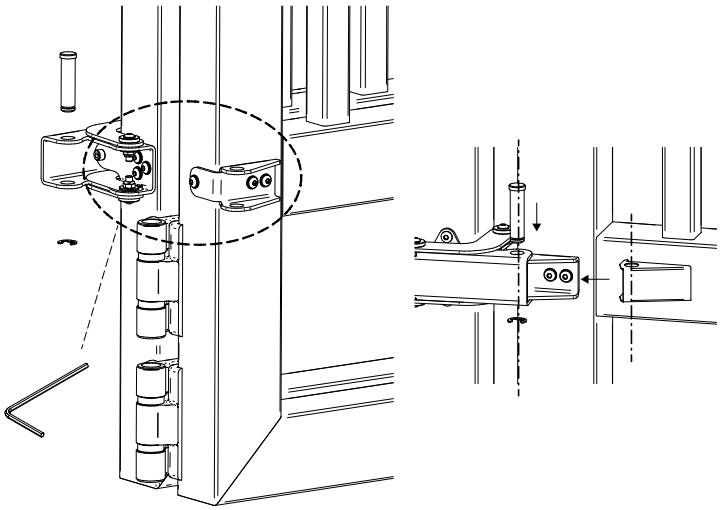
Fixer seulement les vis de devant
Nur die vorderen Schrauben fixieren

Utiliser vis UNI 7380 déjà inclus
Die enthaltenen Schrauben UNI 7380 verwenden

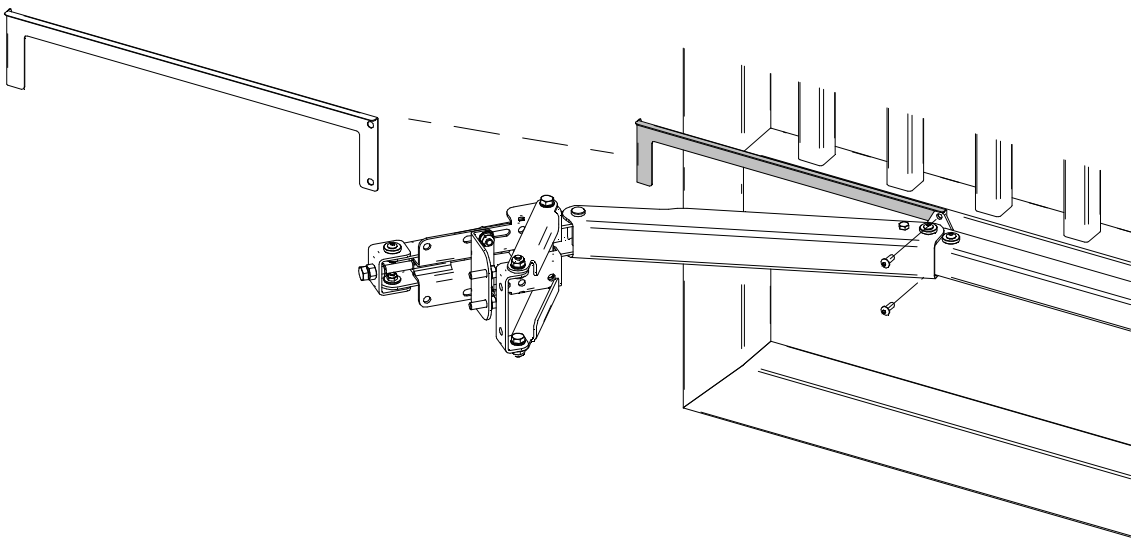
9



10

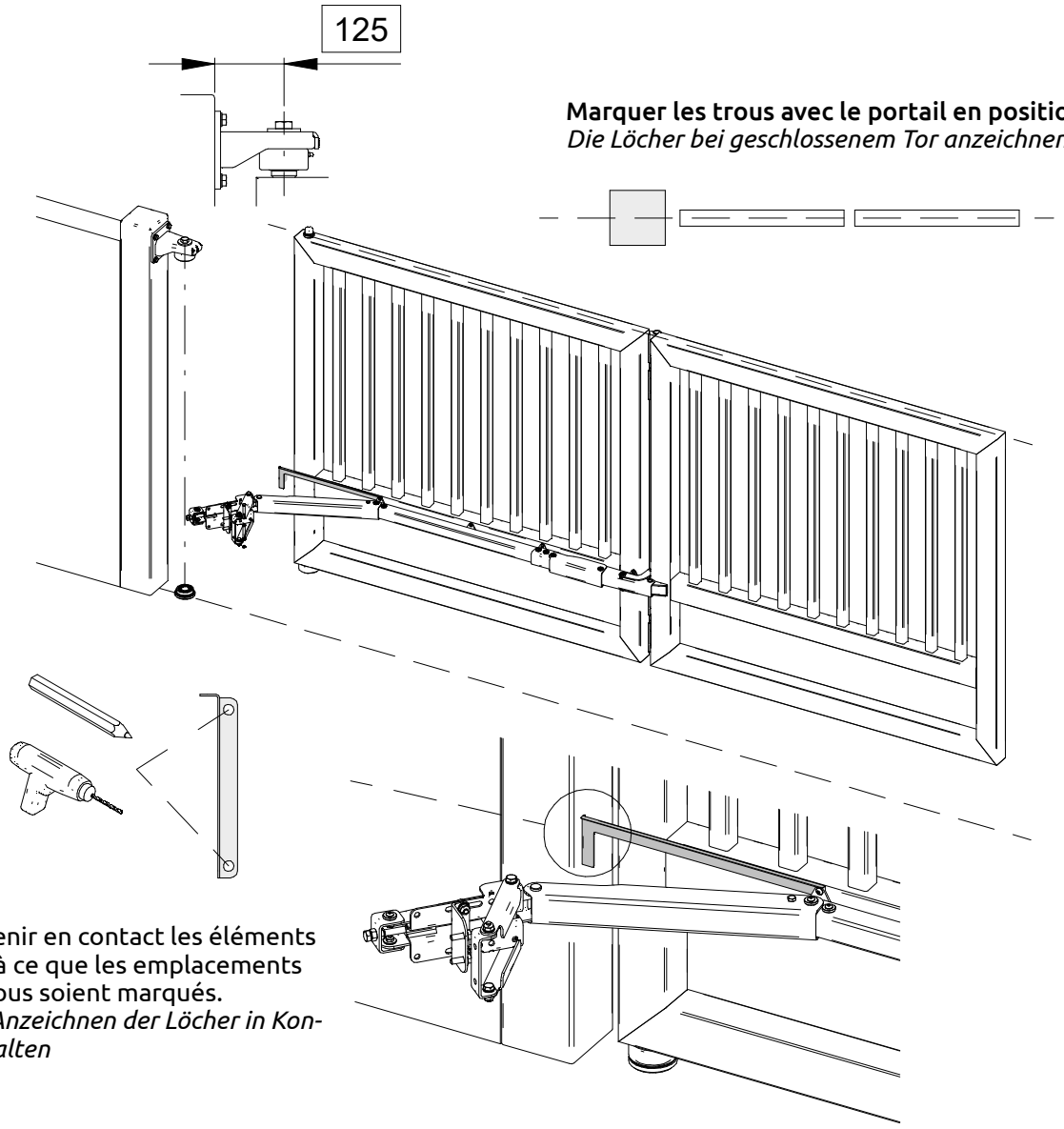


11



KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

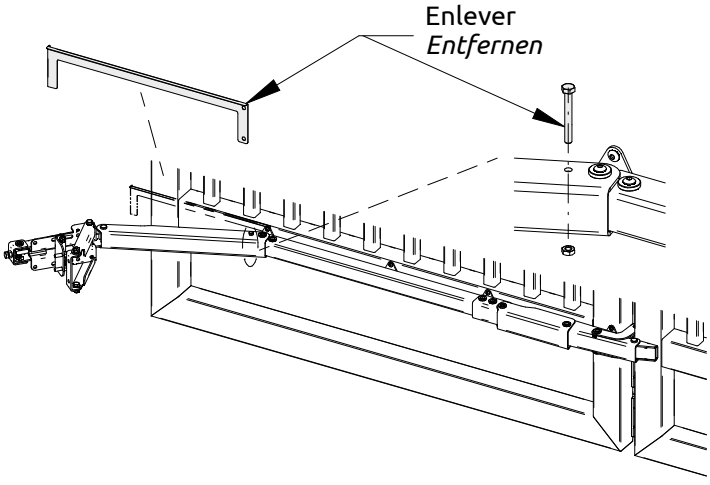
12



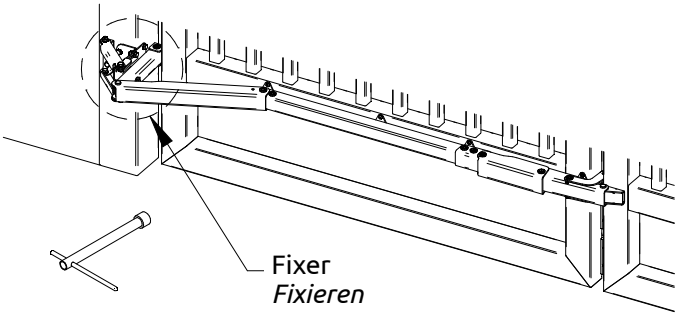
Marquer les trous avec le portail en position fermée.
Die Löcher bei geschlossenem Tor anzeichnen.

Maintenir en contact les éléments jusqu'à ce que les emplacements des trous soient marqués.
Beim Anzeichnen der Löcher in Kontakt halten

13

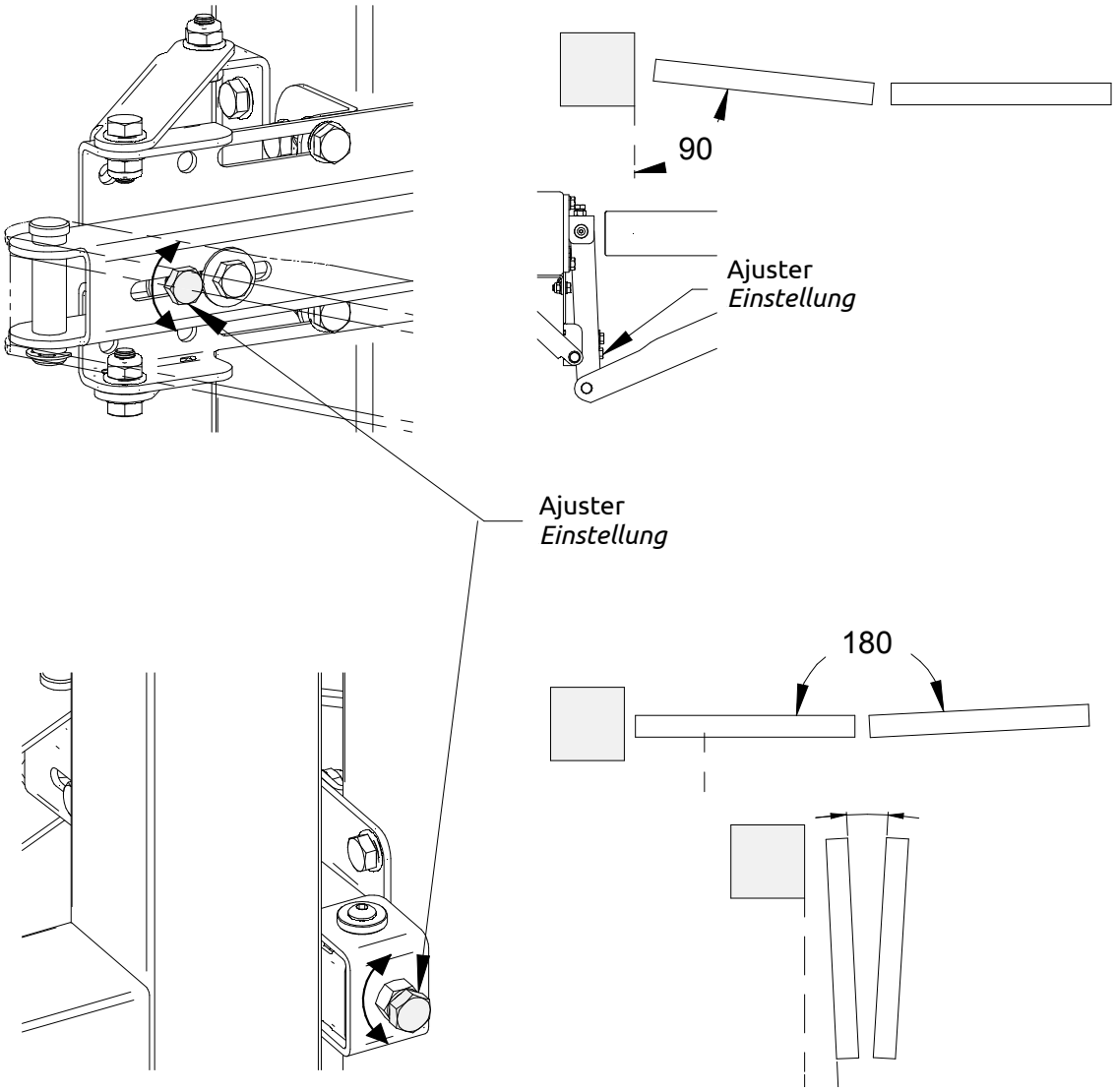


14

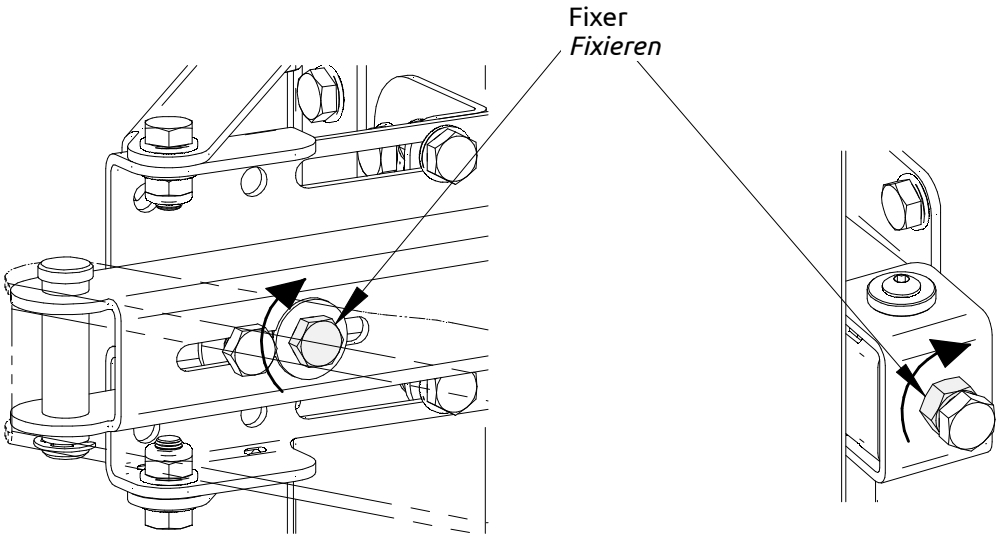


KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

15

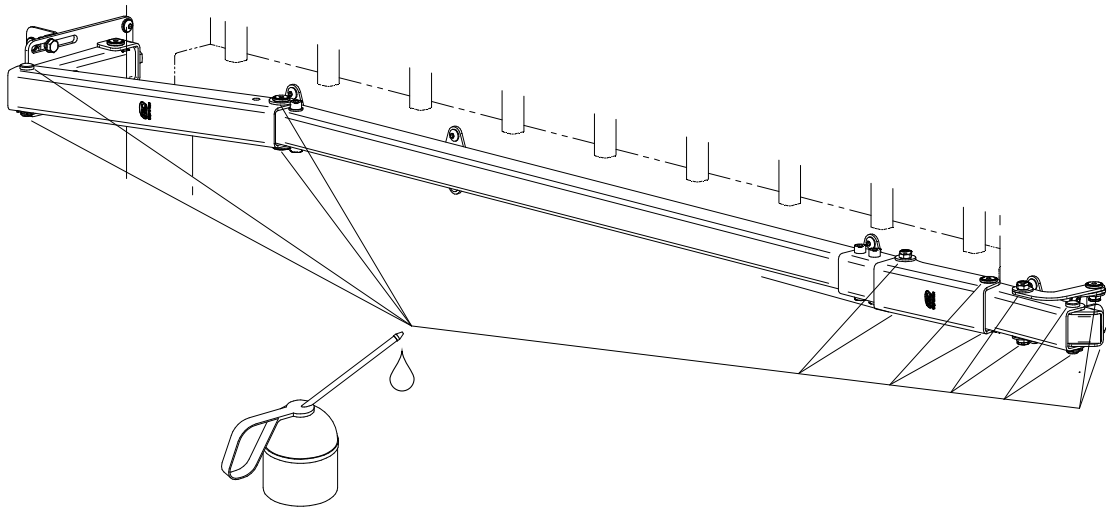


16

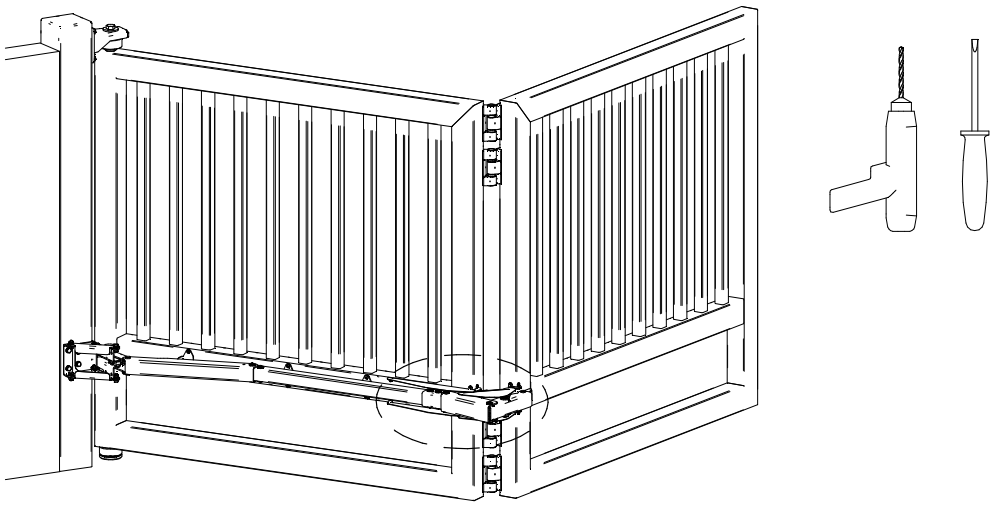


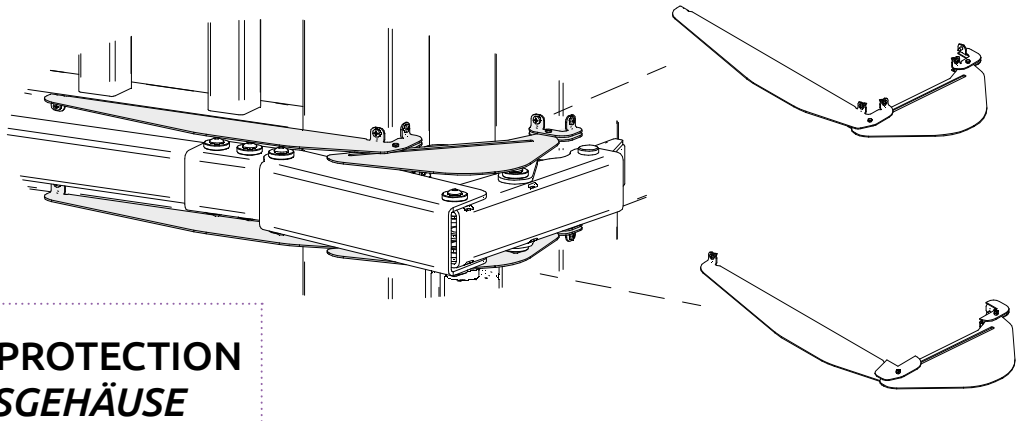
KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

17



18





CARTER DE PROTECTION
SICHERHEITSGEHÄUSE

ENTRETIEN
WARTUNG

1. Au terme de l'installation, effectuer les vérifications de fonctionnement manuel. Vérifier régulièrement que le système fonctionne correctement, qu'il n'y a pas de desserrage et qu'il est bien lubrifié (recommandé tous les trois mois ou tous les 8.000 cycles maximum). Si nécessaire il faut intervenir en serrant les vis et en lubrifiant (voir FIG. 15-17).
2. En cas de dysfonctionnements dus à l'usure ou à des chocs accidentels, vérifier que tous les composants destinés à soutenir le portail et à son déplacement sont intacts. Les remplacer si nécessaire.
3. FAC srl garantit le fonctionnement correct du système uniquement si des pièces détachées originales sont utilisées.

1. *Führen Sie nach Abschluss der Installation einen manuellen Funktionstest durch. Stellen Sie in regelmäßigen Abständen sicher, dass das System ordnungsgemäß funktioniert, dass keine Lockerungen vorhanden sind und, dass es gut geschmiert ist (empfohlen alle drei Monate oder maximal alle 8.000 Zyklen). Bei Bedarf die Schrauben anziehen und schmieren (siehe Abb. 15-17).*
2. *Überprüfen Sie bei Funktionsstörungen aufgrund von Verschleiß oder versehentlichen Stößen, ob alle tragenden Komponenten des Tors unbeschädigt sind und sich ordnungsgemäß bewegen und nehmen Sie gegebenenfalls ihre Ersetzung vor.*
3. *FAC garantiert das ordnungsgemäße des Systems Funktionieren ausschließlich bei Verwendung von Originalersatzteilen.*

AVERTISSEMENT
ACHTUNG

Les accessoires compris dans le kit ainsi que la proposition d'installation se réfèrent à un exemple standard. Une installation non conforme à la procédure indiquée et/ou la non-exécution des opérations d'entretien correctes, peuvent provoquer un dysfonctionnement du portail et mettre en danger la sécurité des personnes et des objets se trouvant à proximité. Vérifier que les accessoires sont appropriés au système spécifique et que les dispositifs de sécurité nécessaires prévus par la réglementation en vigueur dans le pays d'installation sont présents.

Das im Bausatz enthaltene Zubehör und die vorgeschlagene Installation beziehen sich auf ein Standardbeispiel. Eine Installation, die nicht dem dargestellten Verfahren entspricht, und/oder eine nicht ordnungsgemäße Wartung können zu Fehlfunktionen führen, die die Sicherheit von Personen und benachbarten Objekten gefährden. Vergewissern Sie sich, dass das Zubehör für das jeweilige System geeignet ist, und statten Sie es mit den erforderlichen Sicherheitsvorrichtungen gemäß den im Land der Installation geltenden Vorschriften aus.

RECYCLAGE
RECYCLING

Les accessoires fournis sont constitués essentiellement de matériaux ferreux, mais peuvent aussi inclure des composants en caoutchouc ou en plastique. Les emballages sont composés de carton et peuvent inclure des emballages en plastique pour les petits composants. L'élimination doit être effectuée conformément aux dispositions législatives et environnementales en vigueur dans le pays d'installation. Les accessoires sont conformes aux réglementations en vigueur et ne contiennent pas de substances extrêmement préoccupantes SVHC (Substances of Very High Concern).

Das gelieferte Zubehör gesteht im Wesentlich aus Eisenmaterialien, es kann jedoch auch Komponenten aus Gummi oder Kunststoff umfassen. Die Verpackungen bestehen aus Karton und können Verpackungen aus Kunststoff sowie kleine Komponenten umfassen. Die Entsorgung muss unter Beachtung der diesbezüglichen geltenden Bestimmungen im Land der Installation erfolgen. Das Zubehör entspricht den geltenden Bestimmungen und kann SVHC-Substanzen (Substances of Very High Concern) umfassen.

INFOS
INFO

FAC srl se réserve le droit d'apporter des modifications aux caractéristiques du produit sans obligation de préavis, en fonction de ses besoins en matière de conception et de production. FAC srl décline toute responsabilité pour toute modification, même partielle, apportée au produit par l'installateur. Les performances déclarées sont garanties uniquement si l'installation est effectuée conformément aux instructions figurant sur les fiches techniques et par du personnel qualifié.
Pour des informations supplémentaires vous pouvez écrire à: **info@facsrl.com**

FAC behält sich das Recht vor, aufgrund von planerischen oder produktiven Anforderungen ohne Verpflichtung zur vorausgehenden Ankündigung Änderungen an den Eigenschaften des Produkts vorzunehmen. FAC übernimmt keinerlei für eventuelle, auch partielle, Abänderungen, die vom Monteur am Produkt vorgenommen werden. Die angegebenen Leistungen werden ausschließlich dann garantiert, wenn die Installation unter Befolgung der Anweisungen auf den technischen Datenblättern sowie von qualifiziertem Personal vorgenommen wird.
Weitere Informationen erhalten Sie unter: ***info@facsrl.com***

ASSISTANCE TECHNIQUE
TECHNISCHER KUNDENDIENST

Pour tout doute ou clarification concernant le dimensionnement et l'application correcte du produit, notre support technique est à votre disposition. Nous nous ferons un plaisir de vous fournir toutes les informations dont vous avez besoin pour assurer une installation optimale et efficace.
N'hésitez pas à nous contacter :
Votre satisfaction fait partie intégrante de notre qualité.

Bei Zweifeln oder Unklarheiten bezüglich der Dimensionierung und der korrekten Anwendung des Produkts steht Ihnen unser technischer Support unter zur Verfügung. Wir freuen uns, Ihnen alle Informationen zur Verfügung zu stellen, die Sie für eine optimale und effiziente Installation benötigen.
Zögern Sie nicht, uns zu kontaktieren:
Ihre Zufriedenheit ist ein wesentlicher Bestandteil unserer Qualität.



CONTACTEZ-NOUS
KONTAKTIERE UNS

FAC srl
Via Bacchiglione, 6
36033 Isola Vicentina
Vicenza · ITALY

Contact us
Tel. +39 0444 976241
Fax +39 0444 976936
info@facsrl.com

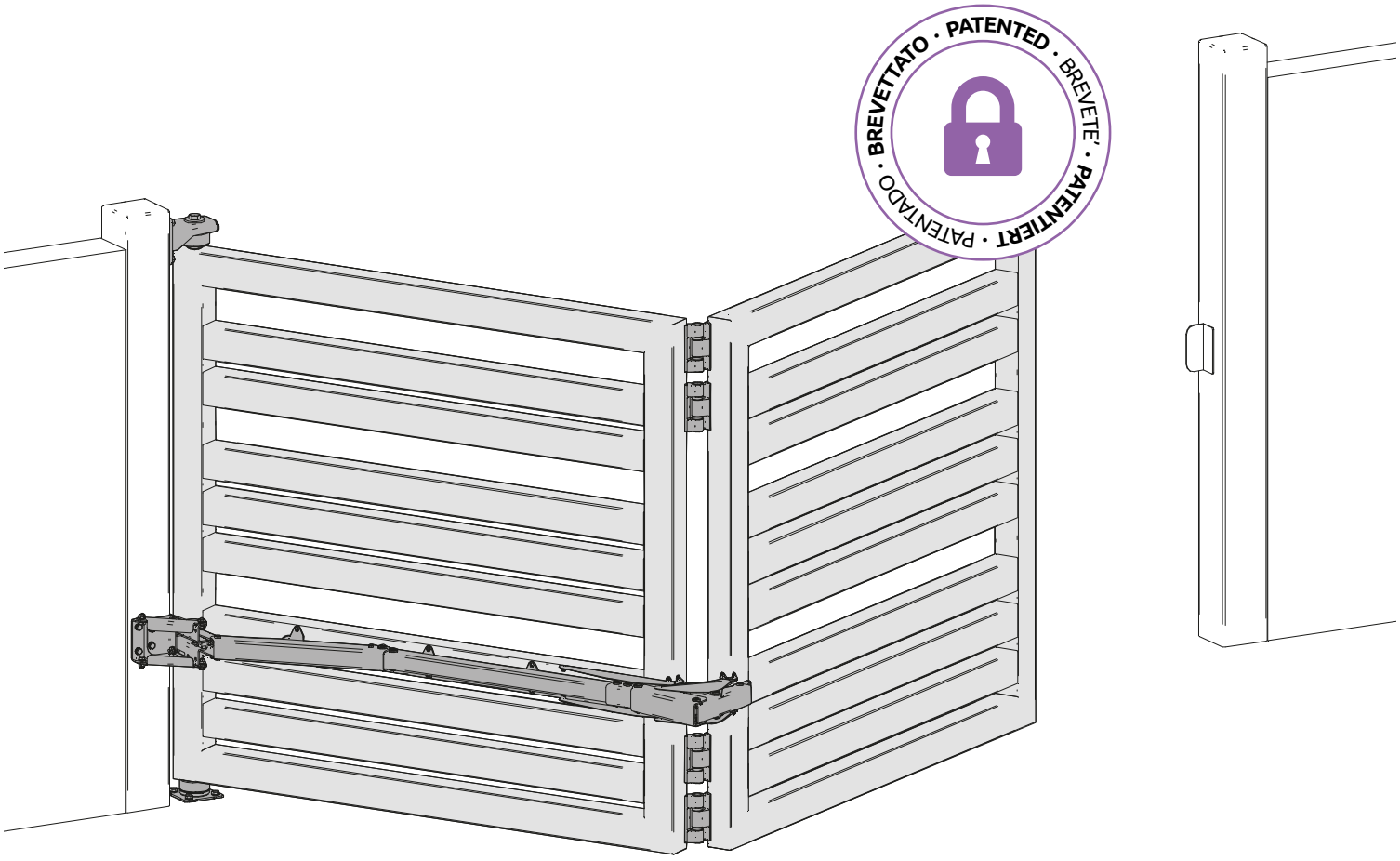
FACSRL.COM

KC7110

KIT BI-FOLDING HD
BI-FOLDING HD KIT

Kit de accesorios en acero galvanizado, con bisagras de aluminio, para la construcción **de un portón plegable con puertas batientes versión pesada**. **El sistema HD** ha hecho suyas todas las prestaciones del sistema Bi-folding residencial, dotándose **de un brazo reforzado que puede alcanzar aberturas considerables.** Las bisagras y pernios han sido diseñadas específicamente y garantizan una construcción excepcionalmente sólida, asociada a un movimiento rápido y preciso, **sin el uso de rieles en el suelo.** Además, las puertas abatibles permiten minimizar el espacio ocupado durante la apertura y el cierre. Este sistema es perfecto para aplicaciones industriales y/o comerciales, prestando siempre especial atención a las necesidades de protección y seguridad.

*Accessory kit in galvanized steel with aluminum hinges, designed for the construction of **folding swing gates**, ideal for residential, industrial, agricultural, and commercial applications. This **Heavy Duty (HD)** version, equipped with reinforced arm for wide openings, ensures structural strength and long-term reliability. The system allows for smooth and precise movement through mechanical joints, **without the need for ground tracks,** and is designed to minimize space usage during opening and closing—making it ideal even in limited or obstructed areas. A robust and functional option, suitable for professional environments as well as complex architectural needs.*

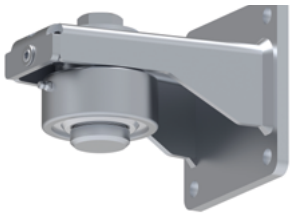


Vídeo de instalación
Installation video

Escanea el código QR o haz clic
Scan the QR code or click on

KIT BI-FOLDING HD · *BI-FOLDING HD-KIT*

LISTA DE COMPONENTES
COMPONENT LIST

			
VC7101.080	**VC7102.080**	**VL4500.140.V**	**VC7105**
	 *PIASTRA INCLUIDA PLATE INCLUDED*		
VC4114.090	**VC4202.090**	**VA5402.003**	**plantilla de perforacion/ fixing mask**

KITS DISPONIBLES
AVAILABLE KITS

KC7110.180	**CON PERNIO REDONDO PARA SOLDAR** *WITH ROUND HINGE TO WELD*	
VC4114.090	Pernio redondo superior | *Round upper Hinge*	
VC4202.090	Pernio redondo inferior | *Round bottom Hinge*	

ARTÍCULOS RELACIONADOS Conéctese a nuestra pagina web para conocer los diferentes tipos y tamaños disponibles.
RELATED ARTICLES Click on our website for other related items


VC7116.060


VC9101
VC9111


VC5101
VC5102
VC5103

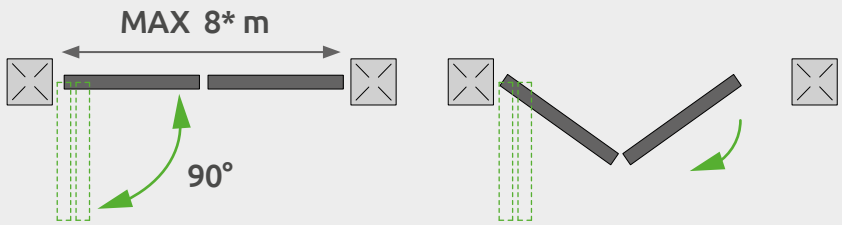
Accesorios para puertas corredera
Swing Gate Hardware

Escanea el código QR o haz clic
Scan the QR code or click on

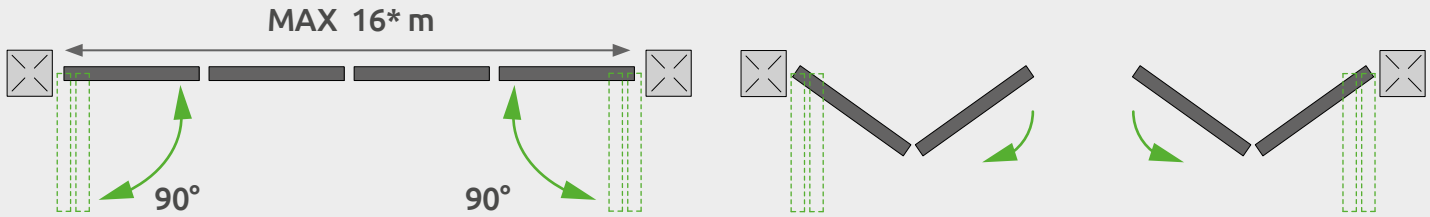
KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

MODO DE EMPLEO
MODE OF USE

1x KC7110.180 para puerta simple / for single gate use



2x KC7110.180 para puerta doble / for double gate use



*
ES: Para instalaciones de entre 6 m y 8 m, póngase en contacto con el servicio de asistencia técnica de FAC.
EN: For installations between 6 m and 8 m, please contact FAC support service.

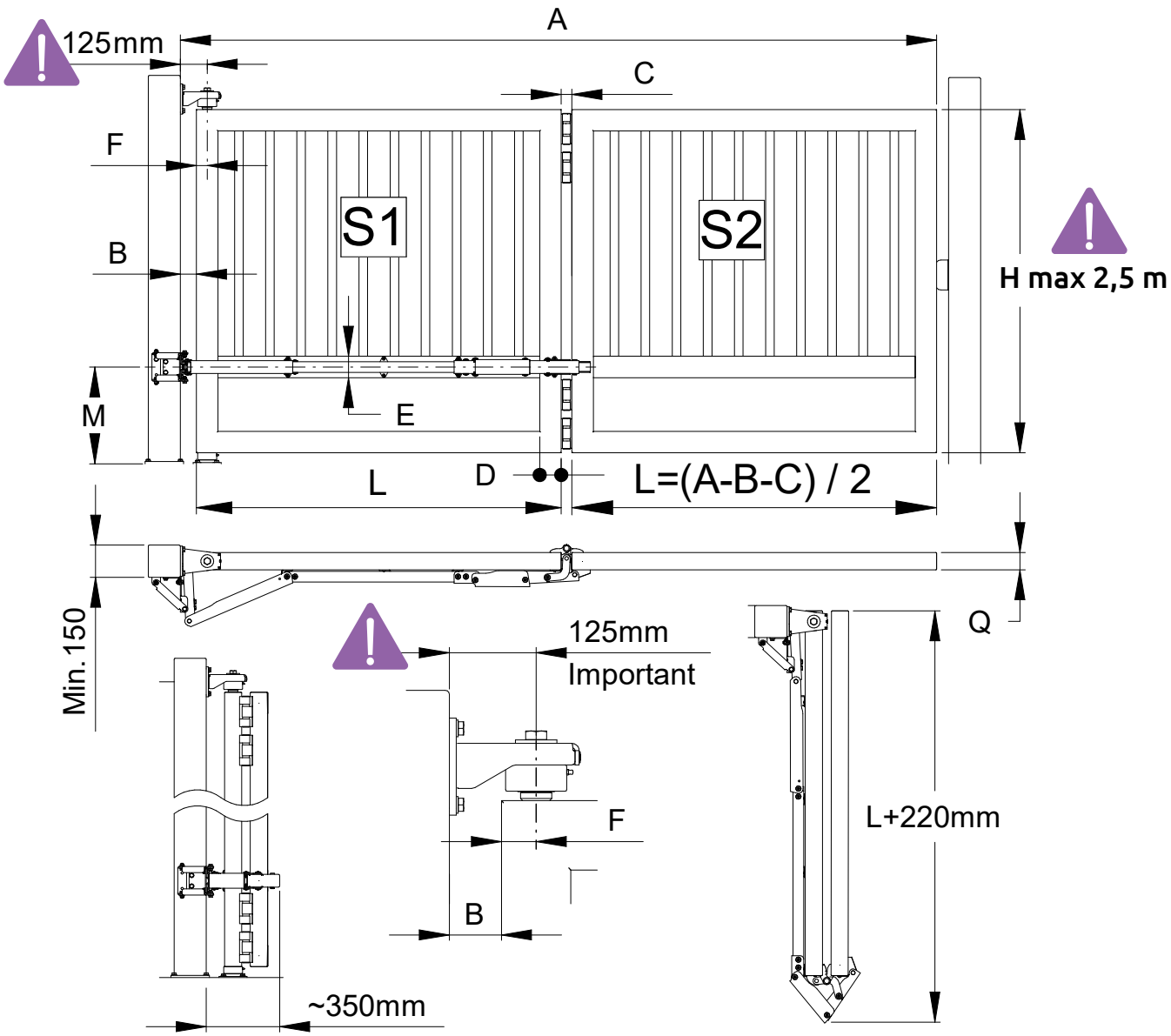
Bi-folding Brochure

Escanea el código QR o haz clic
Scan the QR code or click on

KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

DIMENSIONAMIENTO
DIMENSIONING

A min-max (m)	B min (mm)	C (mm)	D min (mm)	E (mm)	M	L min (m)	Q (mm)	A/H max
3 - 8	75	50	50	100	Cerca del motor Near the engine	1,44	60 - 80	3



Apertura A (m) *Opening A (m)*	L (m) con/with B=0,07 m
3	~ 1,43
4	~ 1,93
5	~ 2,43
6	~ 2,93

EJEMPLO DE MEDIDAS FUERA DE LA TABLA
EXAMPLE CALCULATION OF OUT-OF-TABLE MEASUREMENTS

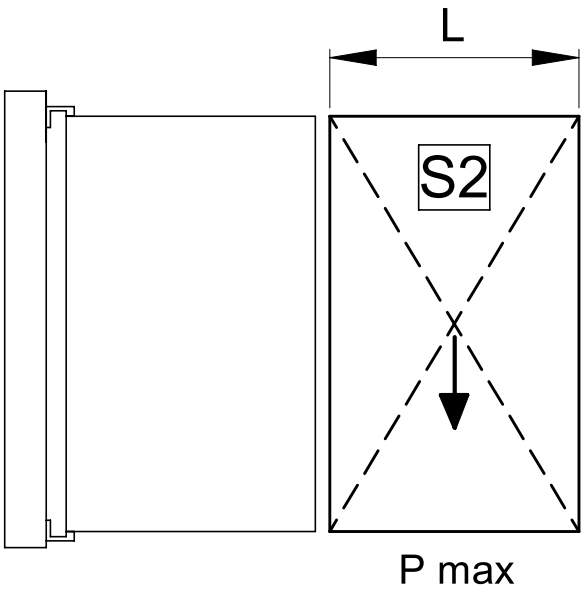
A = 5,6 m
B = 85 mm
C = 50 mm (como en la tabla superior / as per above table)
L = (A-B-C)/2
L = (5,6-0,085-0,05)/2
L = 5,465/2
L = 2,73 m

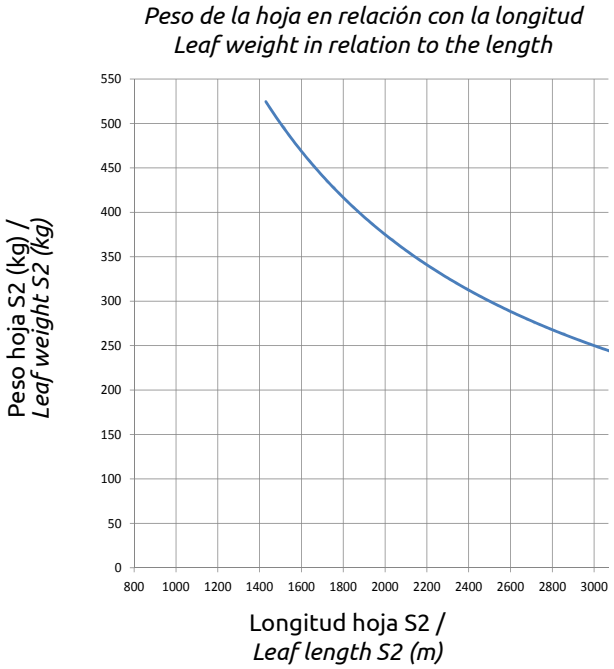
En el caso de aberturas de entre 6 y 8 metros, le invitamos a ponerse en contacto con nuestro servicio técnico: estaremos encantados de ayudarle a elegir las dimensiones adecuadas. Este rango requiere una atención especial para garantizar la durabilidad, el rendimiento óptimo y la seguridad a lo largo del tiempo.

For gate openings between 6 and 8 meters, we recommend contacting our technical support team. We will be happy to assist you in selecting the appropriate dimensions. This range requires particular attention to ensure durability, optimal performance, and safety over time.

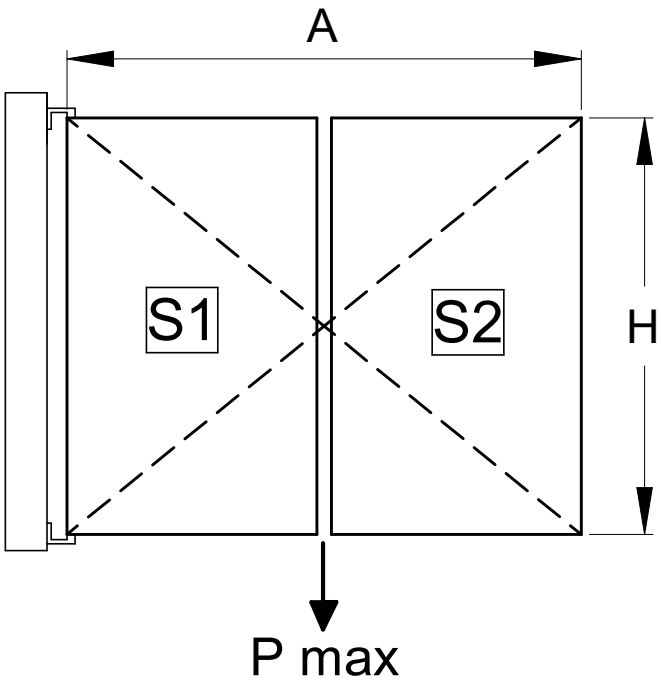
KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

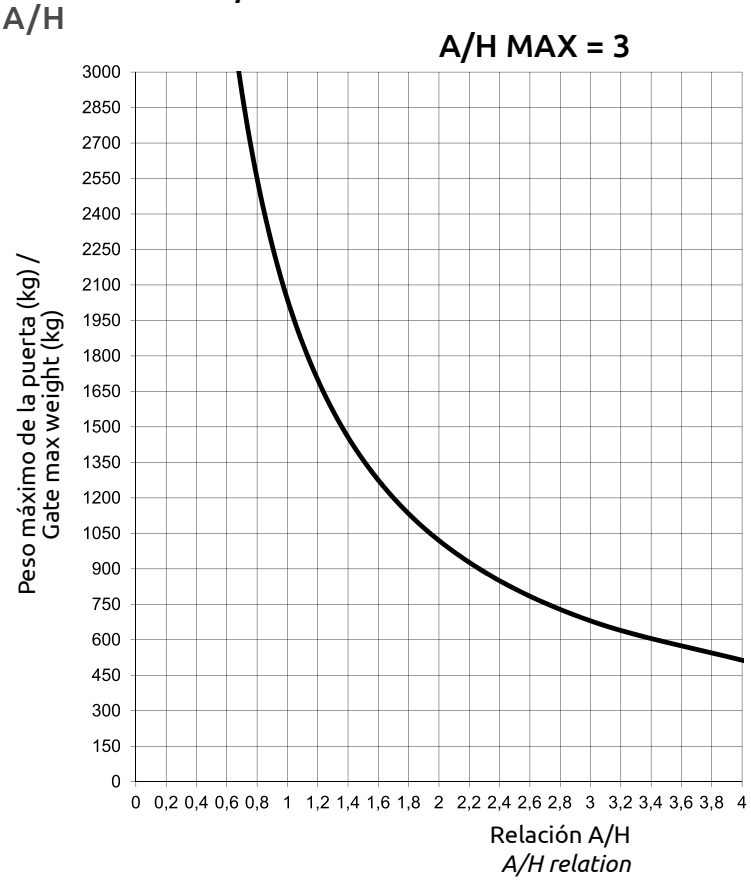
PESO MÁXIMO S2 EN RELACION CON L
MAX WEIGHT S2 IN RELATION TO L





CAPACIDAD DE CARGA DE LOS PERNIOS EN RELACIÓN A A/H
HINGES WEIGHT CAPACITY IN RELATION TO A/H





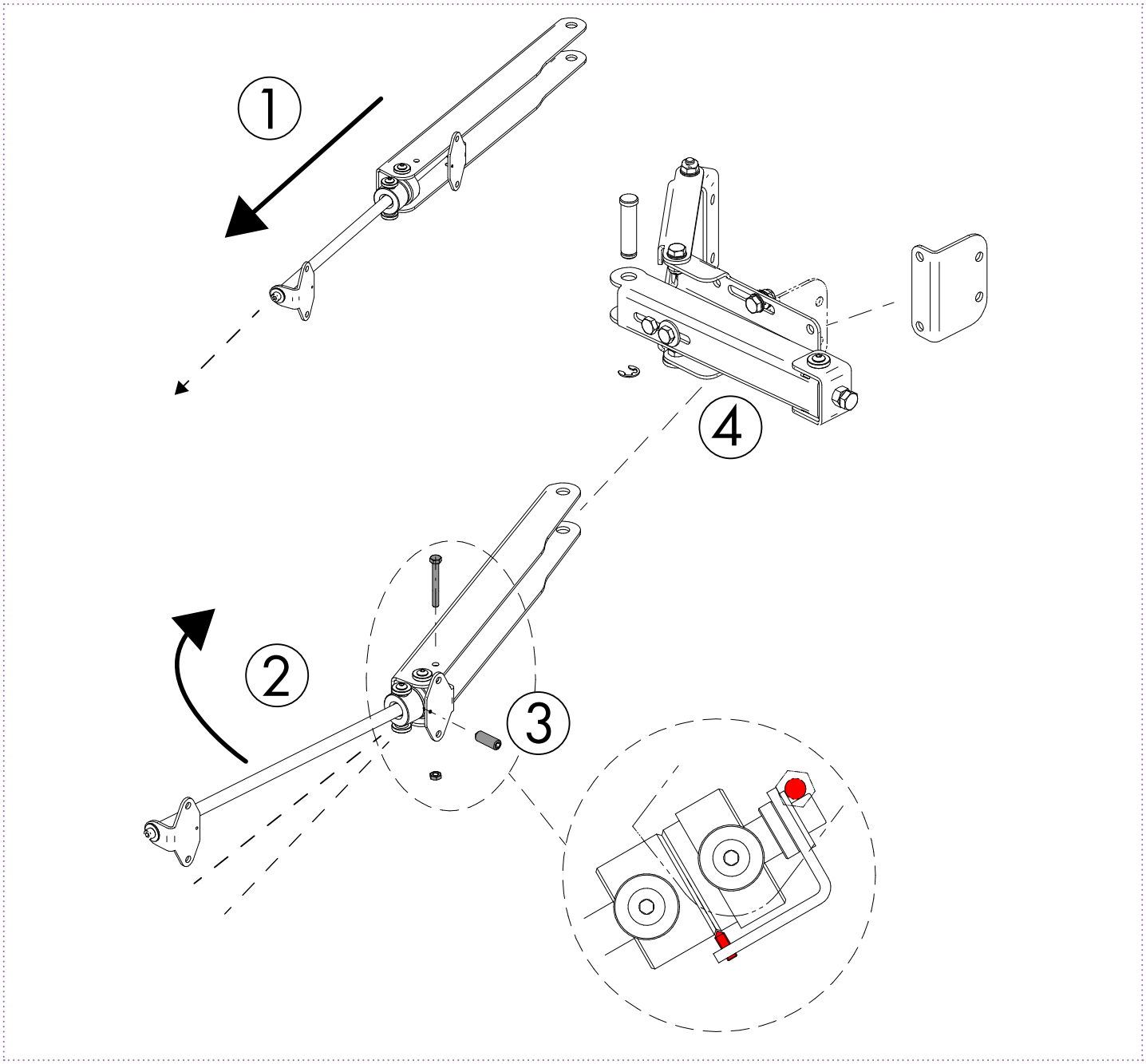
El punto de cruce entre el peso y la relación A/H debe estar por debajo de la curva del kit elegido.
The crossing point between weight and A/H relation must be under the curve of the kit.

KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

MONTAJE DE LA ARTICULACIÓN DE LA COLUMNA
COLUMN JOINT ASSEMBLY

Sigua los pasos que se muestran en la imagen a continuacion, para montar correctamente la junta de la columna.
Follow the steps illustrated in the image below to correctly assemble the column joint.





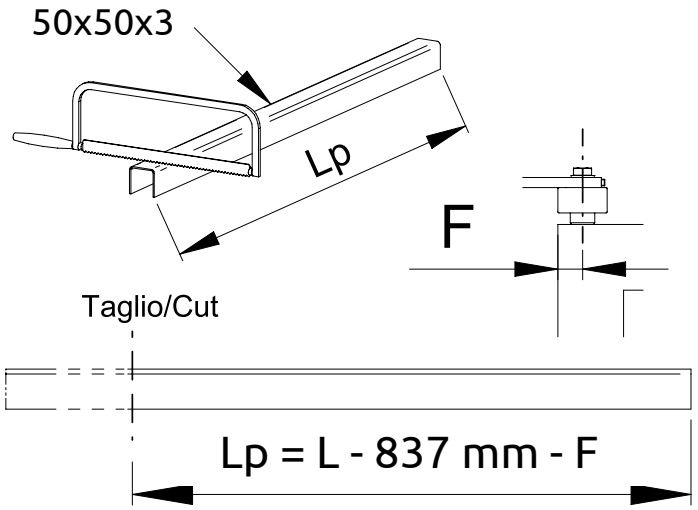
KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

INFORMACIÓN TECNICA
TECHNICAL INFO

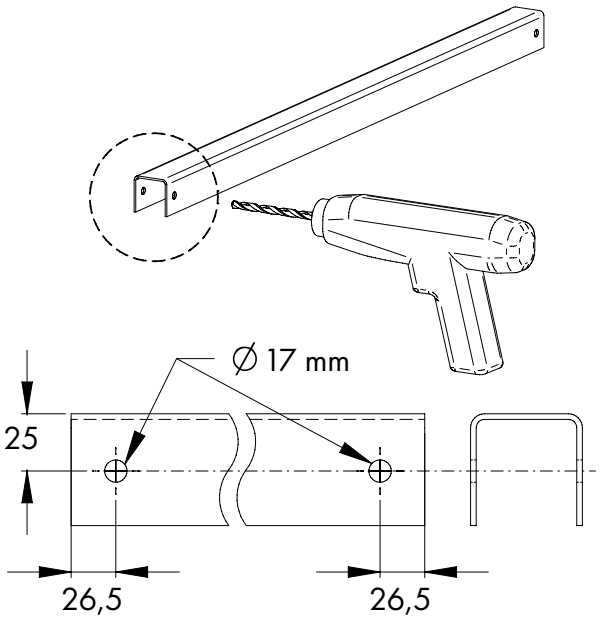
1. Para puertas motorizadas disponga puntos de salida lentos, paradas suaves y una velocidad adecuada para evitar efectos elásticos entre las hojas. Las aceleraciones, deceleraciones y variaciones de alta velocidad pueden reducir la duración del sistema y causar funcionamientos defectuosos y roturas.

***1.** For motorized gates provide slow starting points, soft stops and suitable speed in order to avoid elastic effects between the leaves. Accelerations, decelerations and high-speed variations can shorten the system duration and can cause malfunctions and disruptions.*

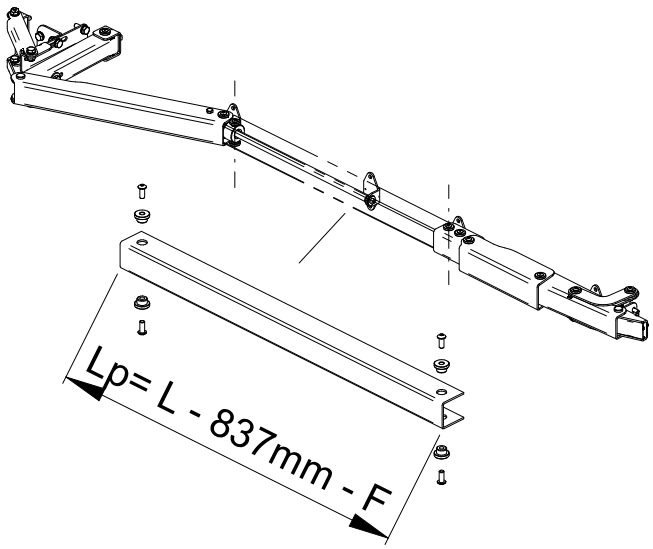
1



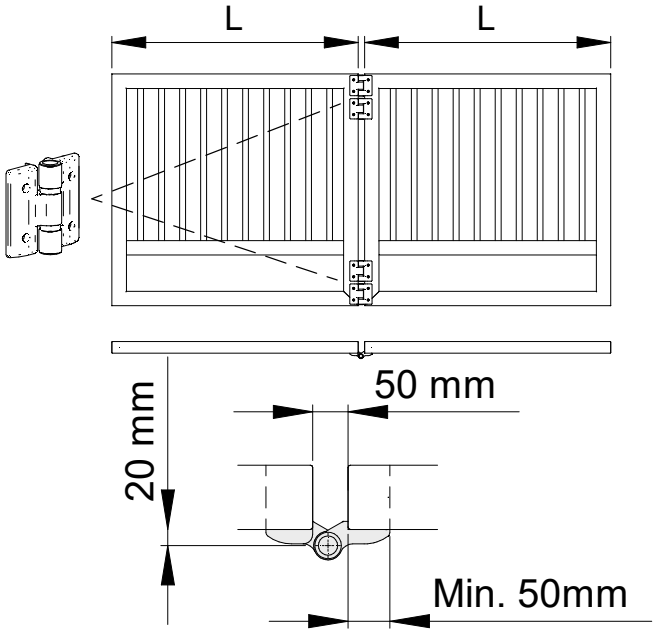
2



3

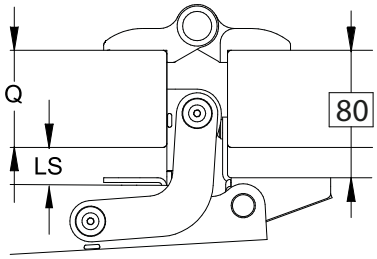


4

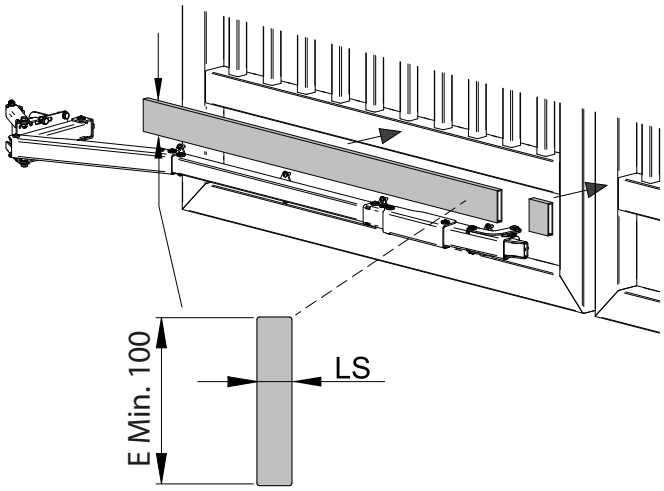


KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

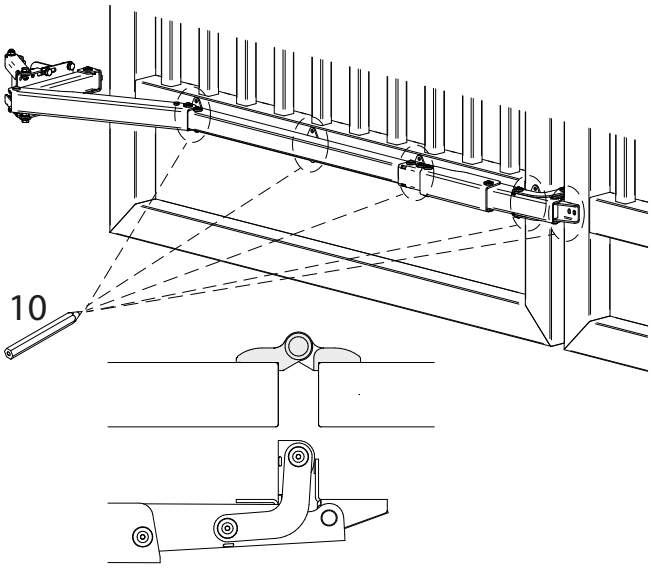
5

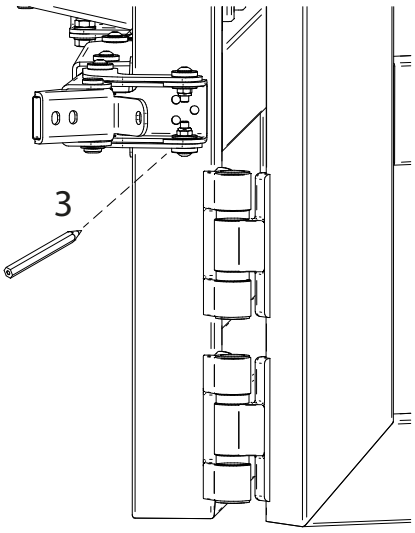


Q (mm)	LS (mm)
60	20
80	/

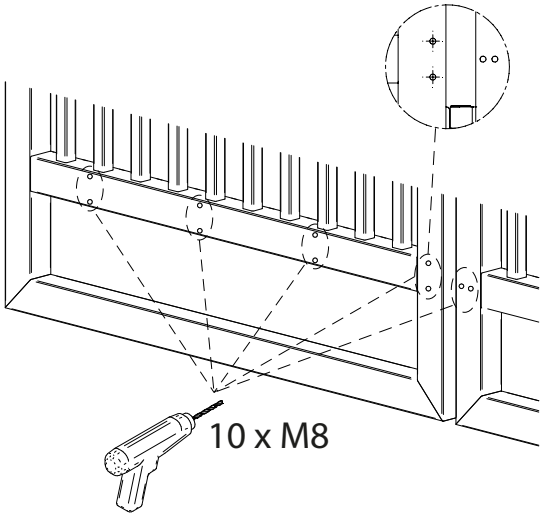


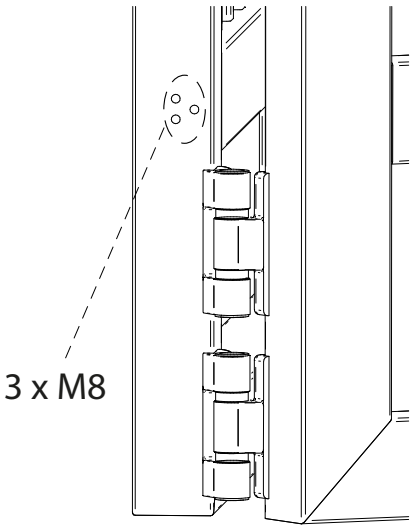
6





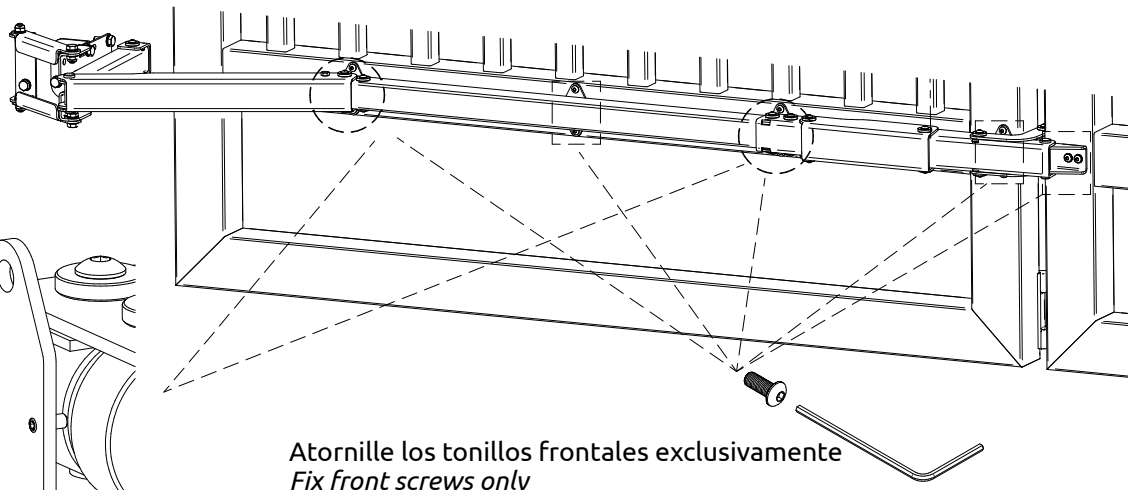
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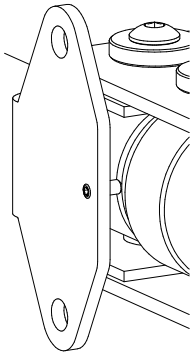




KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

8



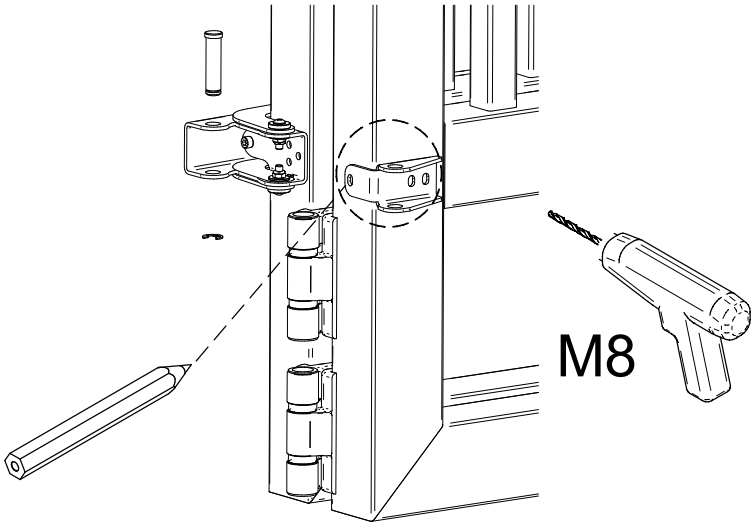


Retirar despues de atornillar
Remove before fixing

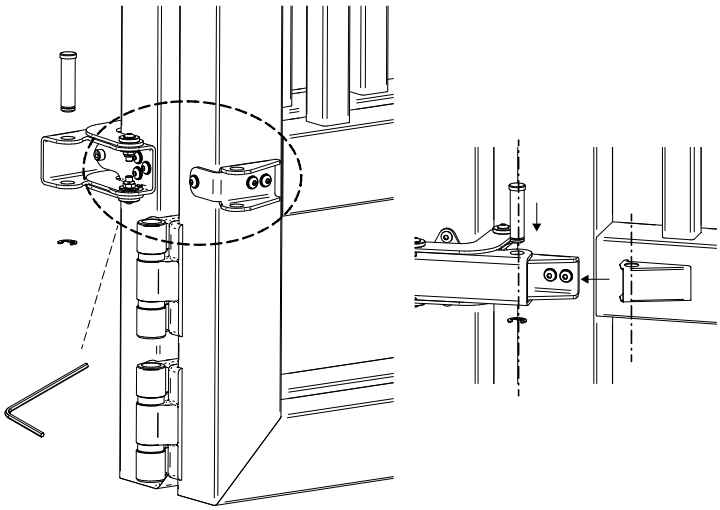
Atornille los tonillos frontales exclusivamente
Fix front screws only

Use los tornillos incluidos UNI 7380
Use UNI 7380 screws included

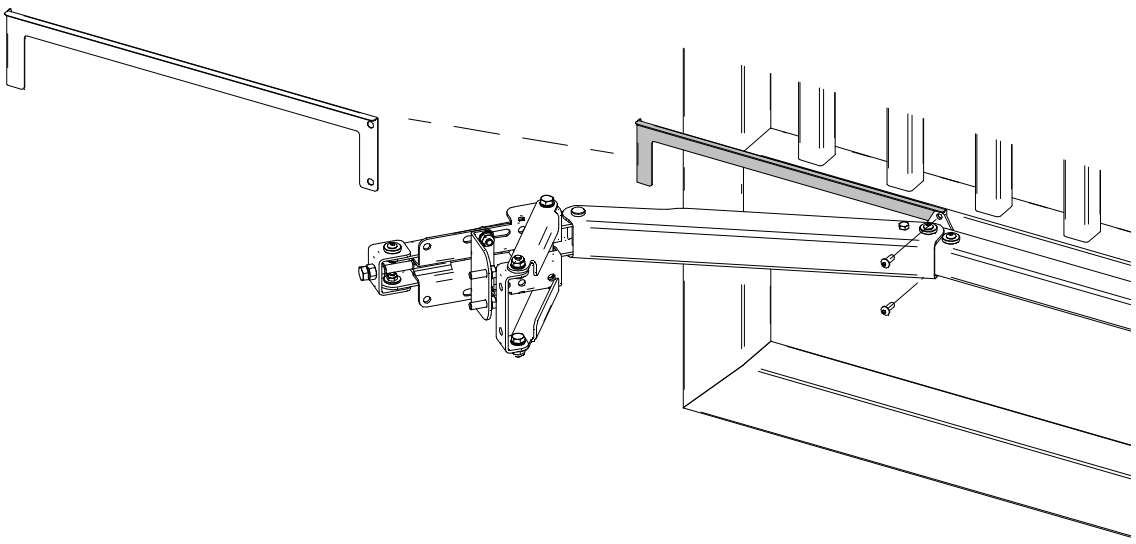
9



10

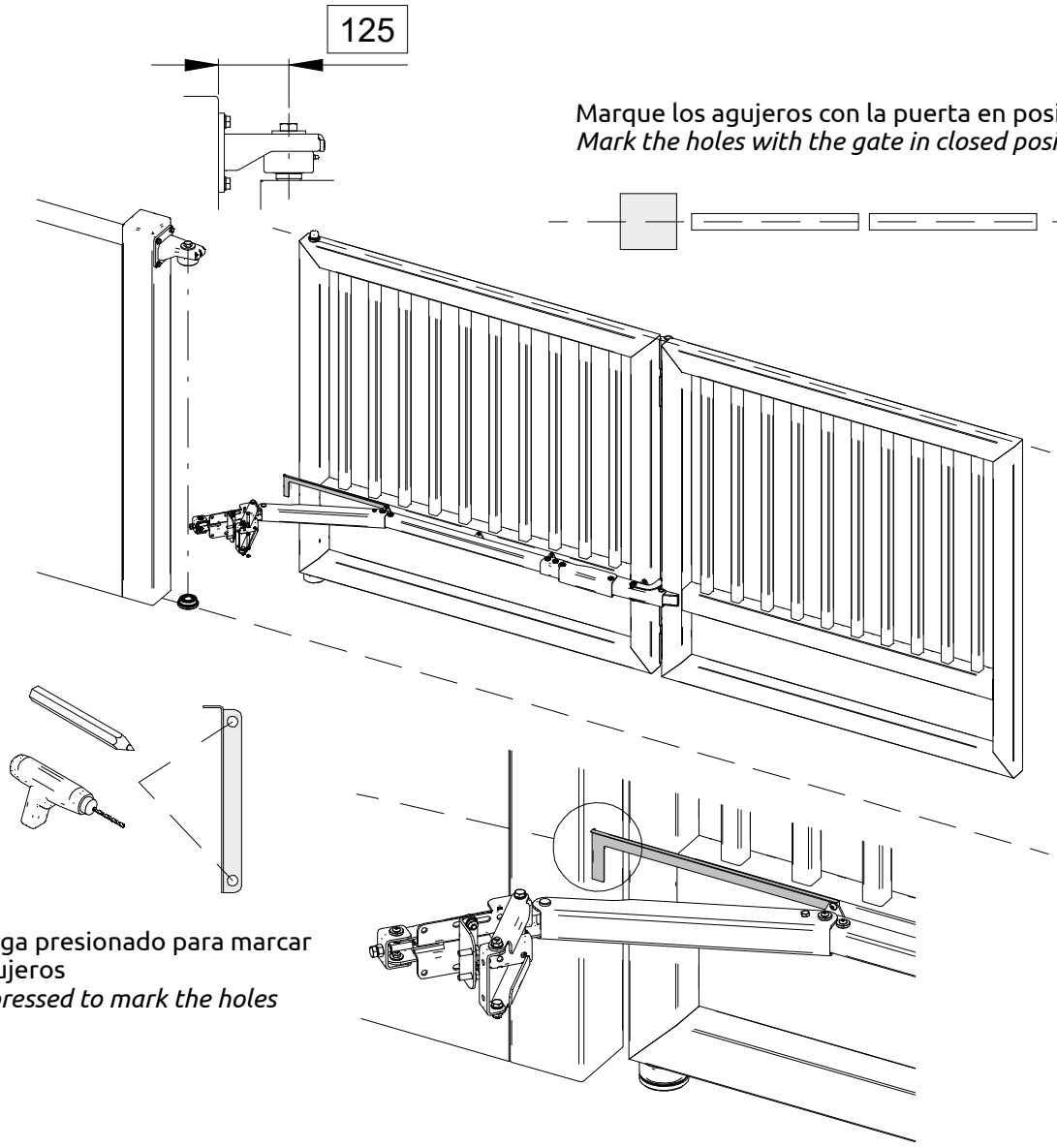


11



KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

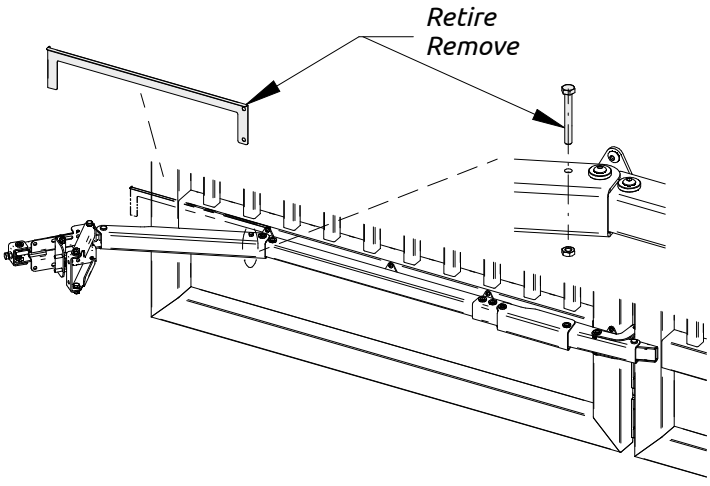
12



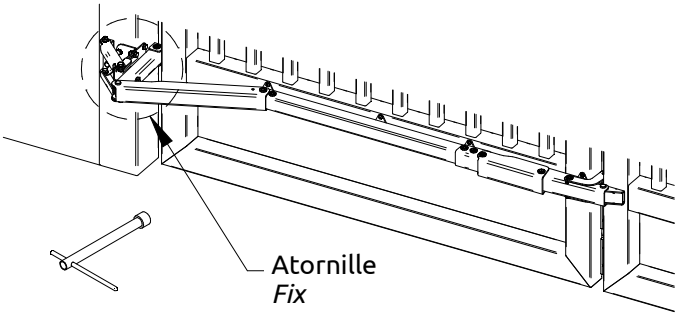
Marque los agujeros con la puerta en posición cerrada
Mark the holes with the gate in closed position

Mantega presionado para marcar los agujeros
Keep pressed to mark the holes

13

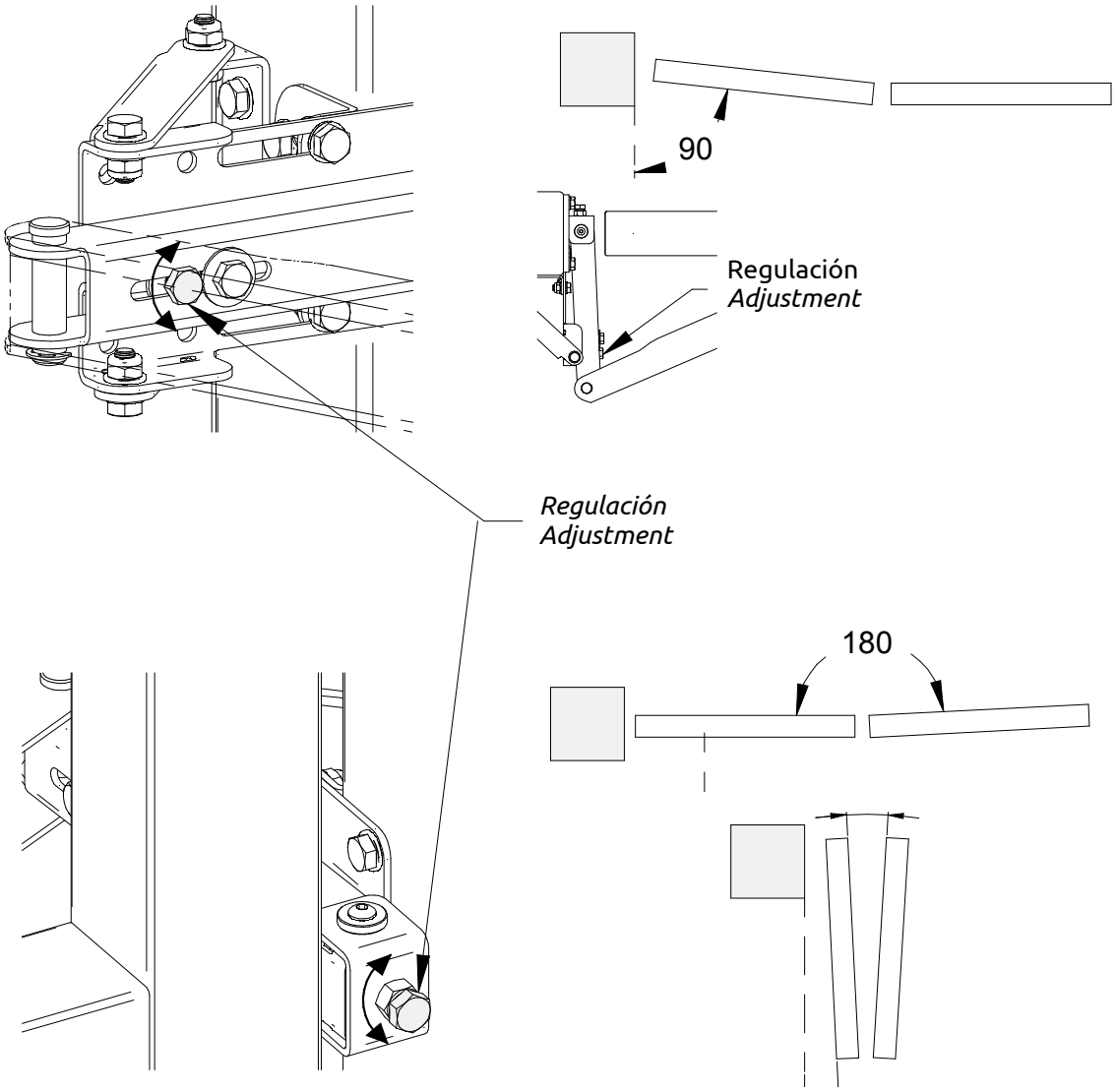


14

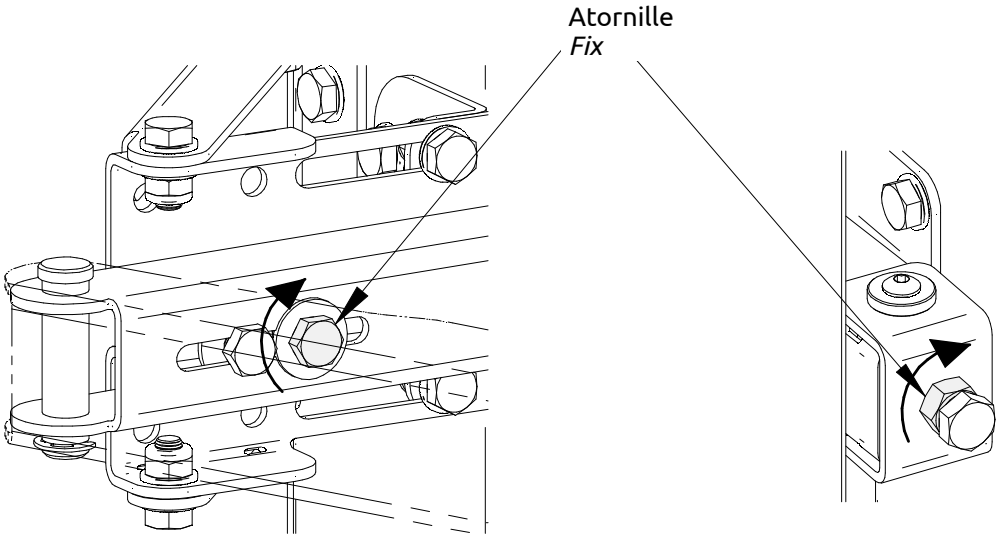


KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

15

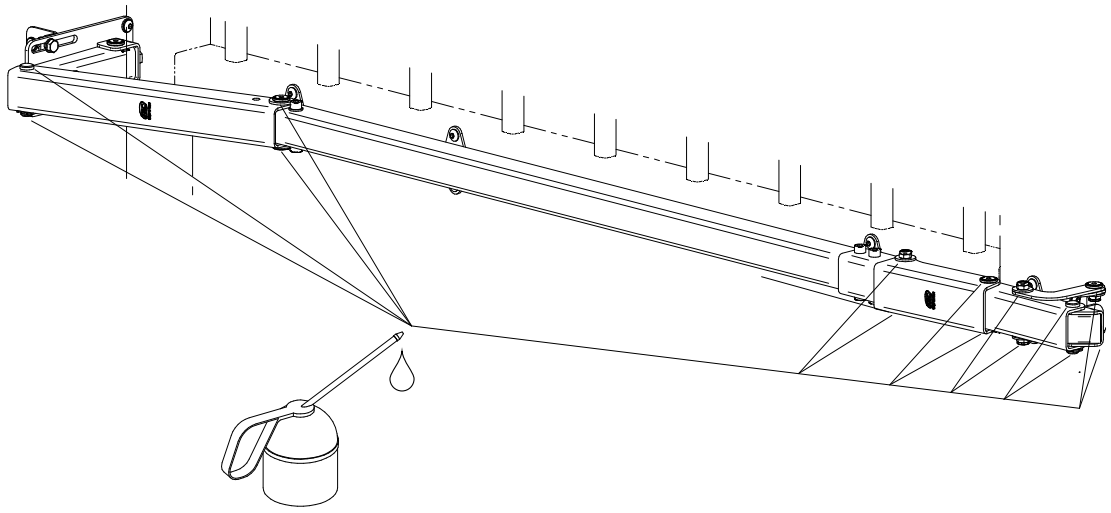


16

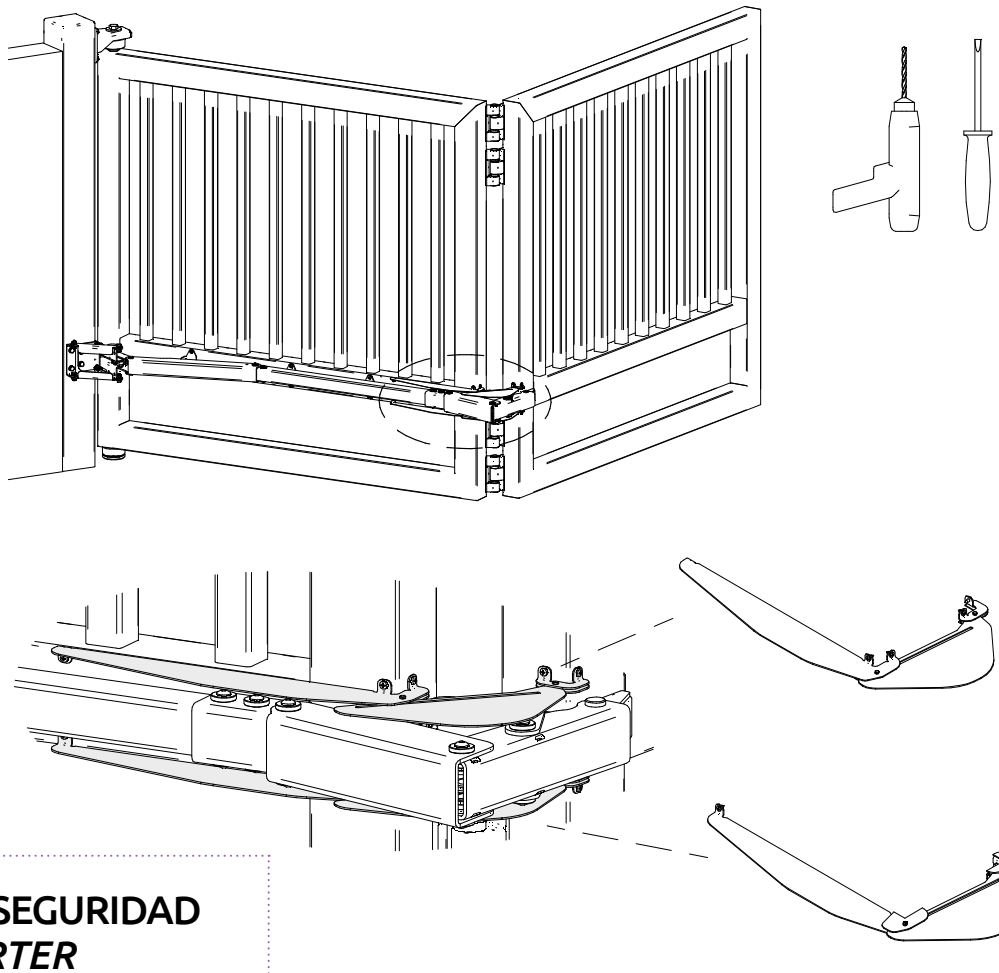


KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

17



18



CARTER DE SEGURIDAD
SAFETY CARTER

MANTENIMIENTO
MAINTENANCE

1. Realice comprobaciones manuales de funcionamiento una vez finalizada la instalación. Compruebe periódicamente que el sistema funciona correctamente, no presenta holguras y está bien lubricado (se recomienda cada tres meses o, como máximo, cada 8.000 ciclos). Si es necesario, apriete y lubrique los tornillos (véanse las figuras 15-17).
2. En caso de mal funcionamiento debido al desgaste o a golpes accidentales, compruebe que todos los componentes destinados a soportar la puerta y su movimiento estén intactos y sustitúyalos si es necesario.
3. FAC garantiza el funcionamiento correcto exclusivamente con el uso de repuestos originales.

1. *Perform manual functioning checks at the end of installation. Periodically verify that the system works correctly, is well lubricated, and has no loosened parts (we recommend a full check every 3 months or after a maximum of 8,000 cycles). If necessary, tighten the screws and lubricate (see FIG. 15-17).*
2. *In case of malfunctions due to wear or accidental impacts, make sure that all components supporting the gate and enabling its movement are intact; if necessary, replace them.*
3. *FAC srl ensures the correct functioning of the system only when using original spare parts.*

ATENCIÓN
ATTENTION

Los accesorios incluidos en los kits y la propuesta de instalación hacen referencia a un ejemplo estándar. Una Instalación que no esté de acuerdo con el procedimiento ilustrado y/o la omisión del correcto mantenimiento podrían causar malos funcionamientos y comprometer la seguridad de las personas y de los bienes materiales adyacentes. Asegúrese de que todos los accesorios se adapten a la obra específica y que estén presentes los dispositivos de seguridad necesarios previstos por las normativas vigentes en el país de instalación.

The kit-included accessories and the proposed installation refer to a standard example. An installation not in accordance with the illustrated procedure and/or omission of proper maintenance may cause malfunctions and compromise the safety of people and nearby property. Ensure that the accessories are suitable for the specific application and that the necessary safety devices required by current regulations in force in the country of installation are installed.

RECICLAJE
RECYCLING

Los accesorios suministrados están hechos principalmente de materiales ferrosos, pero también pueden incluir componentes de goma o plástico. El embalaje es de cartón y puede incluir envases de plástico para pequeños componentes. La eliminación debe realizarse de acuerdo con la normativa legal y medioambiental vigente en el país de instalación. Los accesorios cumplen las normativas vigentes y no contienen SVHC (Substances of Very High Concern).

The accessories provided are mainly made of ferrous materials, but they may also include components made of rubber or plastic. The packaging is made of cardboard and can include plastic packaging for small components. Disposal must comply with the legislative and environmental provisions applicable in the country of installation.
The accessories comply with current regulations and do not contain SVHC (Substances of Very High Concern).

INFO
INFO

FAC srl se reserva el derecho de modificar las características del producto sin previo aviso, según sus propias exigencias de diseño y producción. FAC srl declina toda responsabilidad por cualquier modificación, incluso parcial, efectuada en el producto por el instalador. El rendimiento declarado sólo está garantizado si la instalación se realiza de acuerdo con las instrucciones de las fichas técnicas y por personal cualificado.
Para más información escriba a: **info@facsrl.com**

FAC srl reserves the right to make changes to the product's characteristics without prior notice, based on its design and production requirements. FAC srl declines all responsibility for any changes, even partial, made to the product by the installer. The declared performance is guaranteed only if the installation is carried out according to the instructions in the technical data sheets and by qualified personnel.
For further information, write to us at: ***info@facsrl.com***

ASISTENCIA TÉCNICA
TECHNICAL SUPPORT

Para cualquier duda o aclaración sobre el dimensionamiento y la correcta aplicación del producto, nuestro soporte técnico está a su disposición. Estaremos encantados de proporcionarle toda la información que necesite para garantizar una instalación óptima y eficaz. No dude en ponerse en contacto con nosotros:
Su satisfacción es parte integrante de nuestra calidad.

If you have any questions or need clarification regarding the sizing or proper application of the product, our technical support team is at your complete disposal. We will be happy to provide all the necessary information to ensure optimal and efficient installation.
Don't hesitate to contact us:
Your satisfaction is an integral part of our commitment to quality.



CONTÁCTANOS
CONTACT US

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