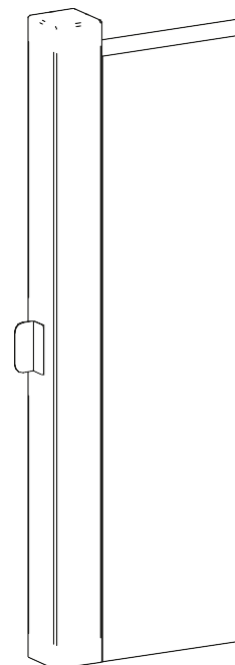
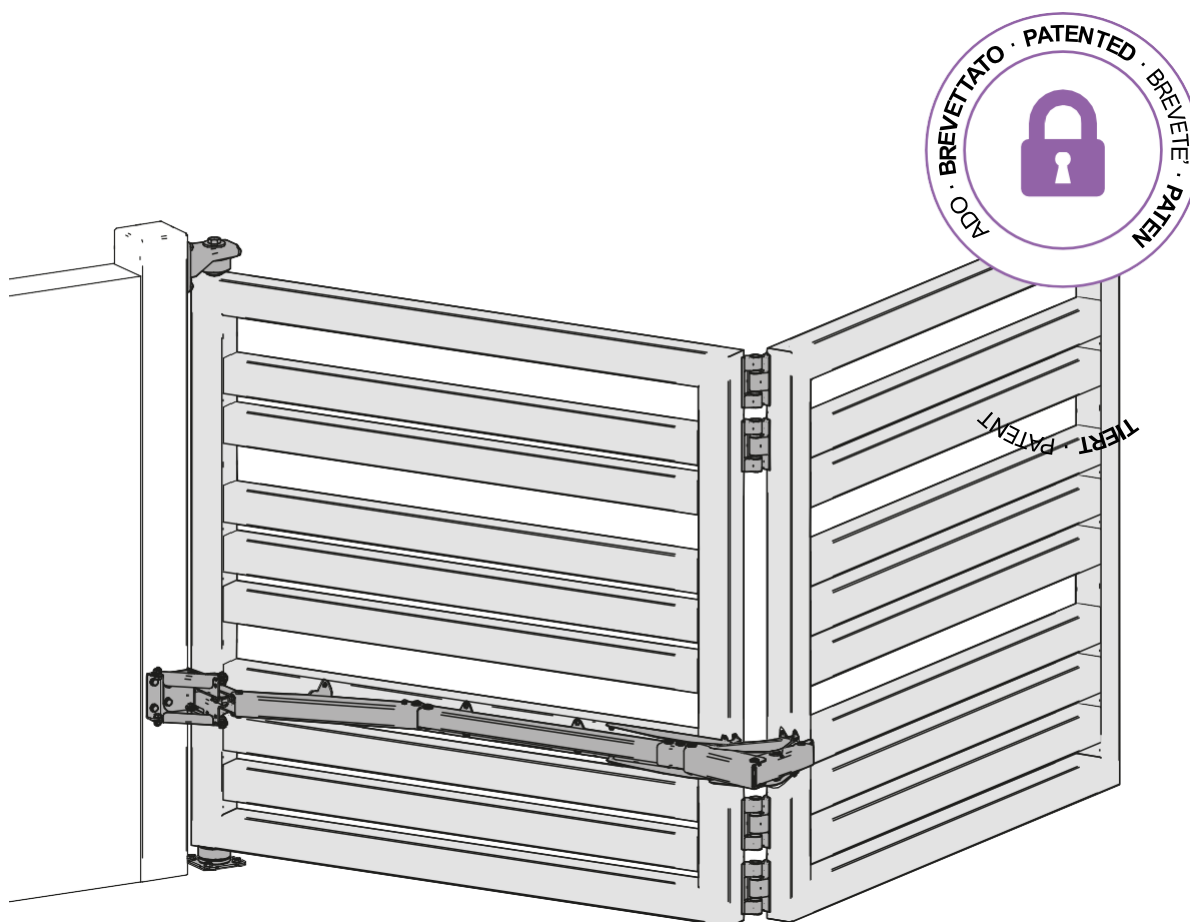




KC7110

## KIT BI-FOLDING HD BI-FOLDING HD KIT

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*

COMPONENT LIST

|                                                                                  |                                                                                   |                                                                                    |                                                                                     |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| VC7101.080                                                                       | VC7102.080                                                                        | 4x VL4500.140.V                                                                    | 2x VC7105                                                                           |
|  |  |                                                                                    |                                                                                     |
| VC4114.090                                                                       | fixing mask                                                                       |                                                                                    |                                                                                     |

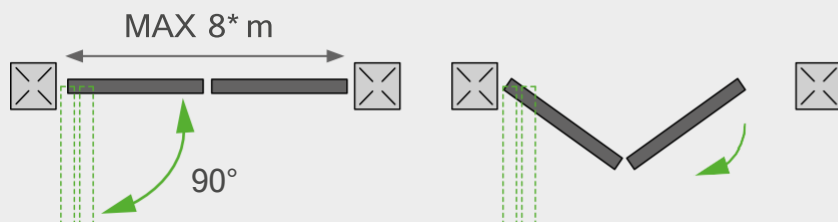


KIT BI-FOLDING HD - *BI-FOLDING HD KIT*

MODALITA' DI UTILIZZO  
MODE OF USE

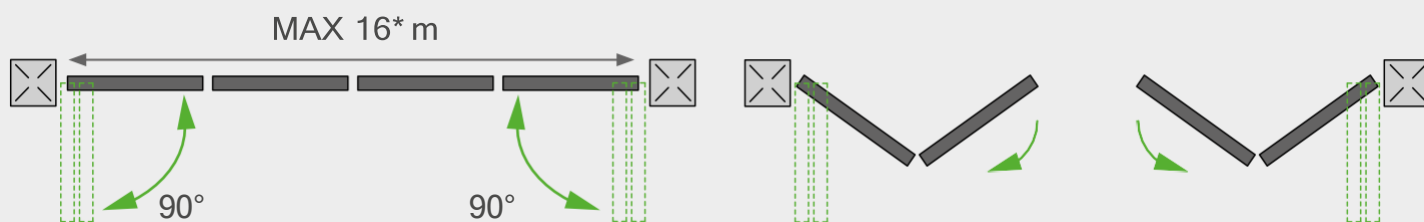
1x KC7110.180

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

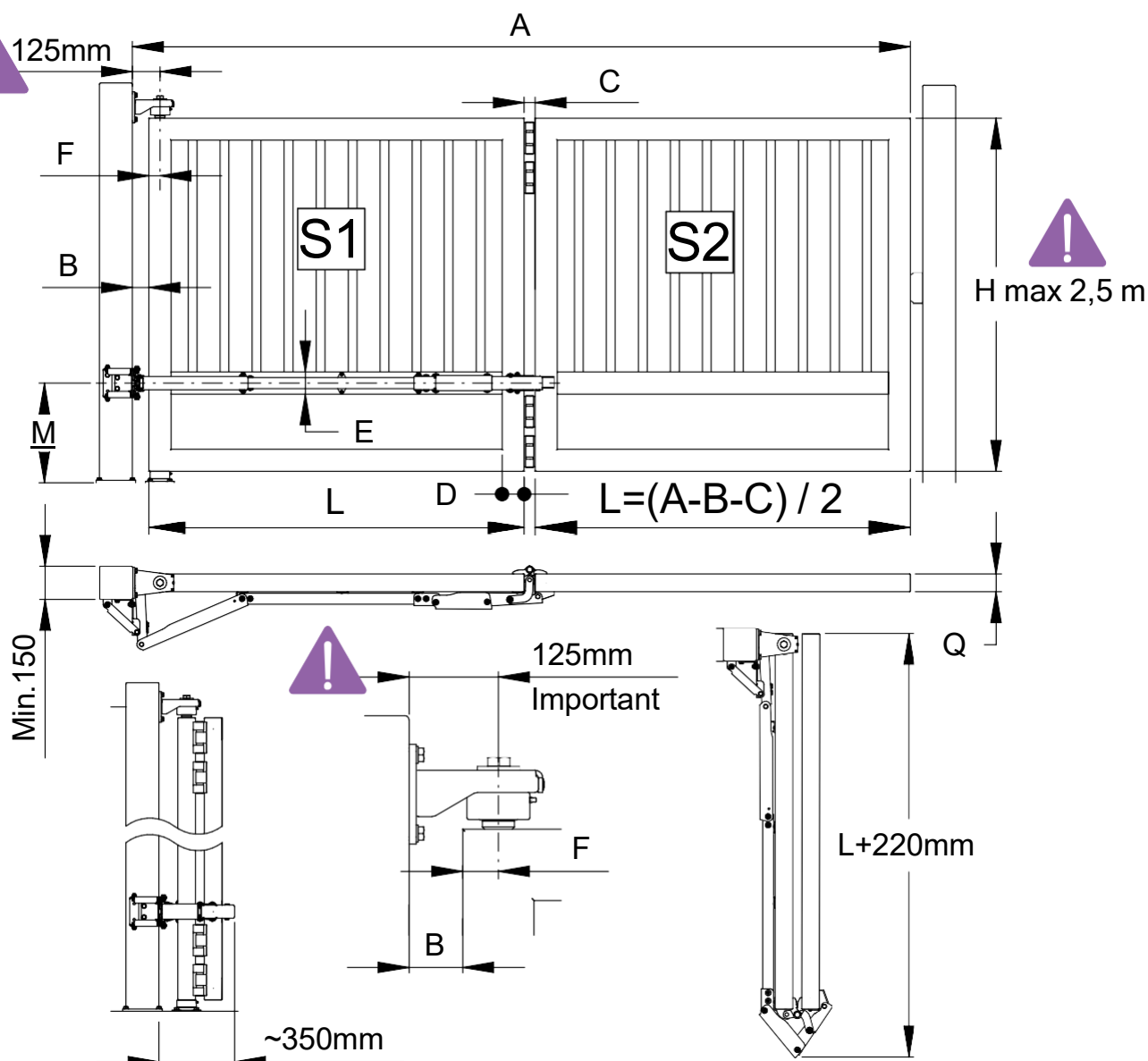
GATE HARDWARE - KIT SOLUTIONS



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

DIMENSIONAMENTO  
DIMENSIONING

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



| Apertura A (m)<br>Opening A (m) | L (m) con/with<br>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)  
 $L = (A-B-C)/2$   
 $L = (5,6-0,085-0,05)/2$   
 $L = 5,465/2$   
 $L = 2,73 \text{ m}$

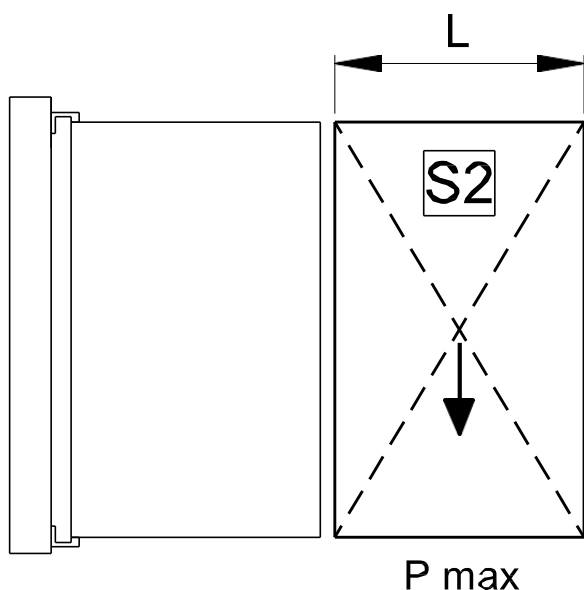
Nel caso di aperture comprese tra 6 e 8 metri, vi invitiamo a contattare il nostro supporto tecnico: saremo lieti di affiancarvi nella scelta dei corretti dimensionamenti. Questa fascia richiede particolare attenzione per garantire durabilità, prestazioni ottimali e sicurezza nel tempo.

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.

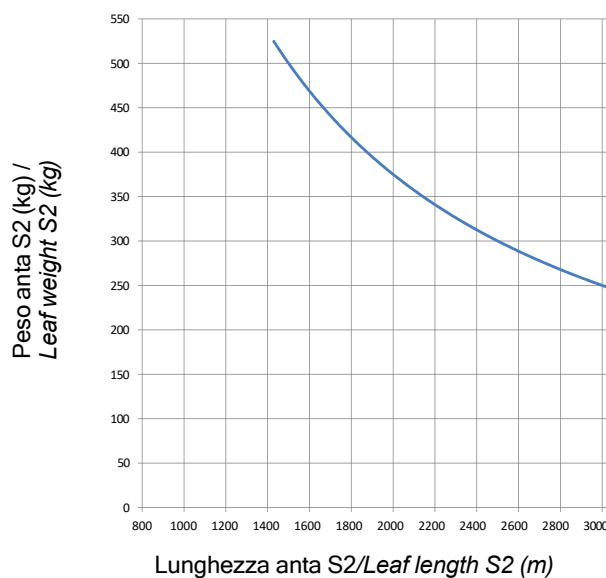


KIT BI-FOLDING HD - BI-FOLDING HD KIT

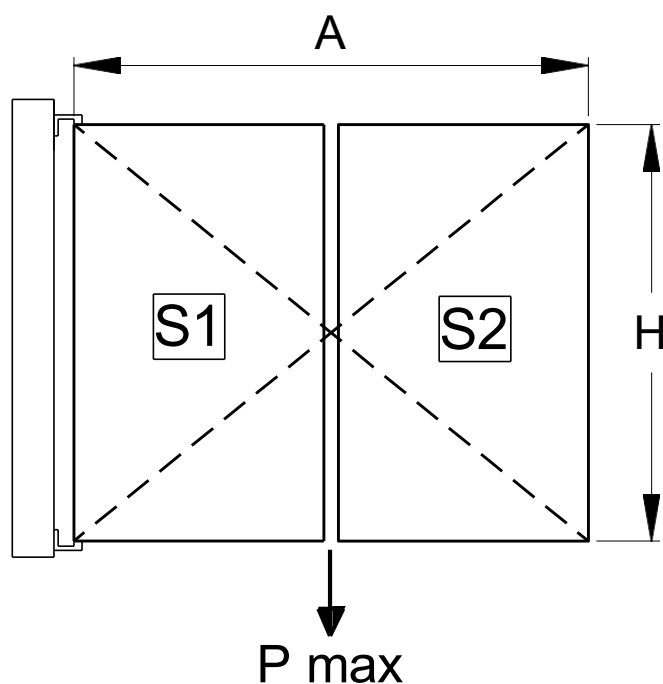
PESO MAX S2 IN FUNZIONE DI L  
MAX WEIGHT S2 IN RELATION TO L



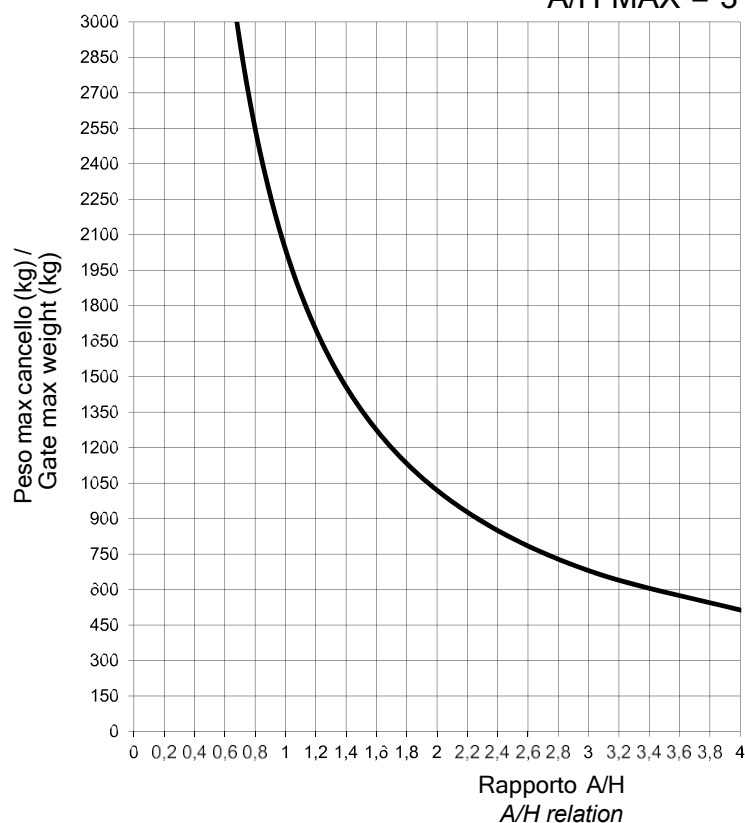
Peso anta in funzione della lunghezza  
Leaf weight in relation to the length



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



A/H MAX = 3



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.

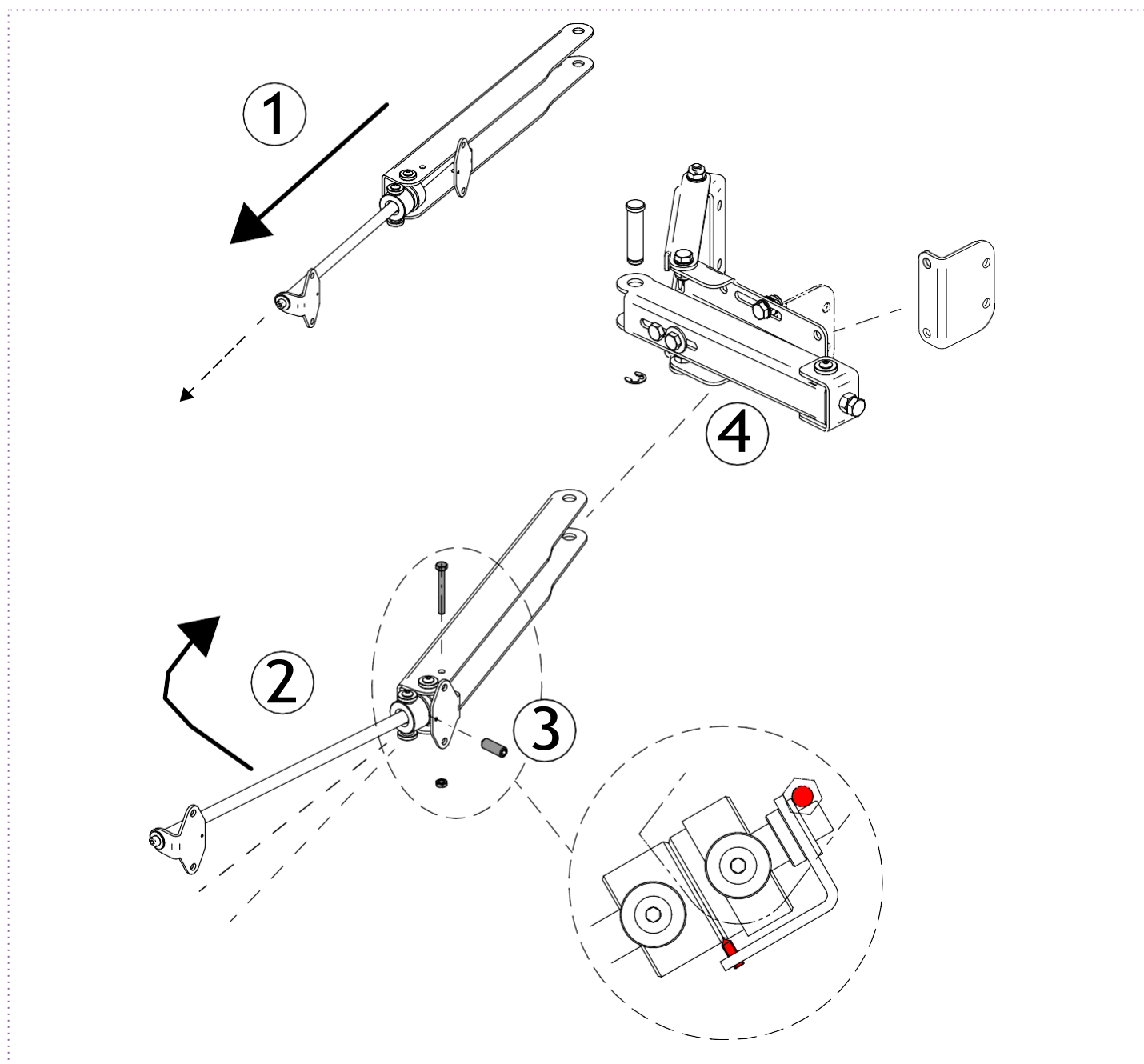


KIT BI-FOLDING HD · BI-FOLDING HD KIT

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.





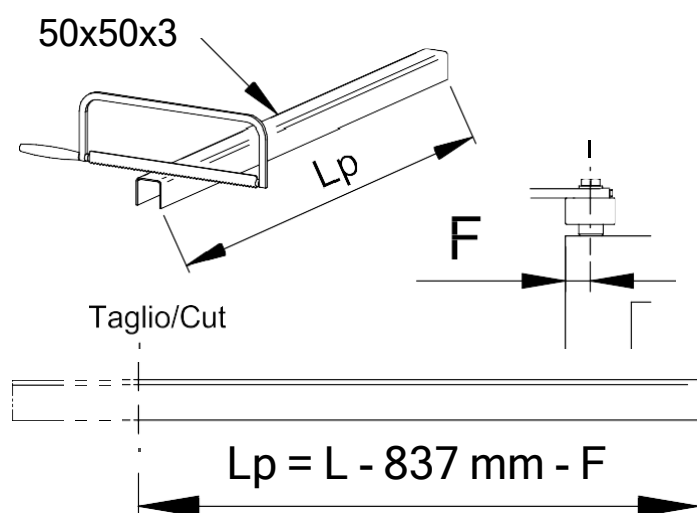
KIT BI-FOLDING HD · BI-FOLDING HD KIT

INFO TECNICHE  
TECHNICAL INFO

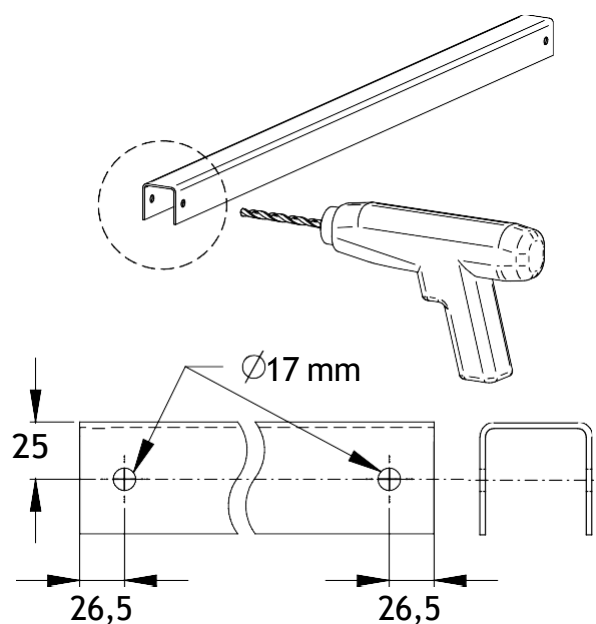
1. Per cancelli motorizzati prevedere partenze ed arresti lenti e velocità idonei ad evitare effetti elastici tra le ante. Questi accorciano la durata del sistema e sono causa di malfunzionamenti e rotture.

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.

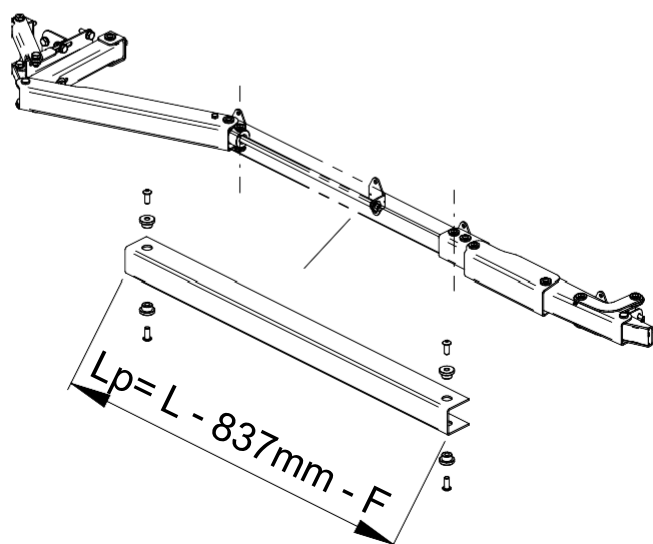
1 >>



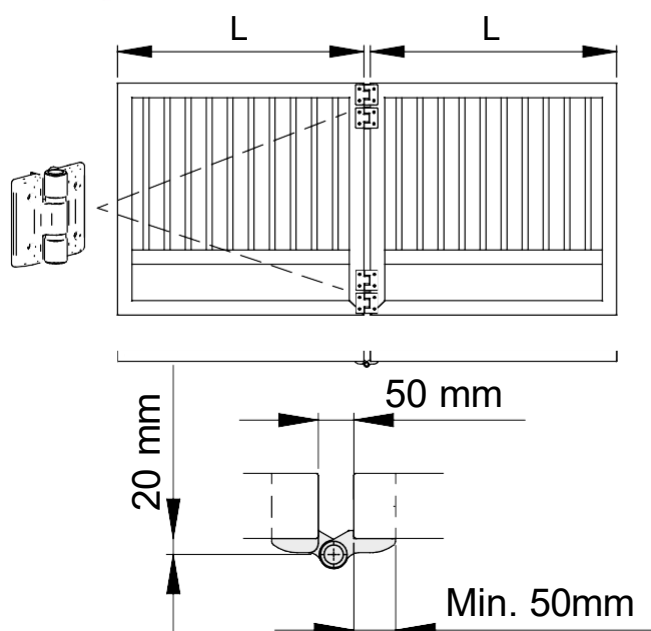
2 >>



3 >>



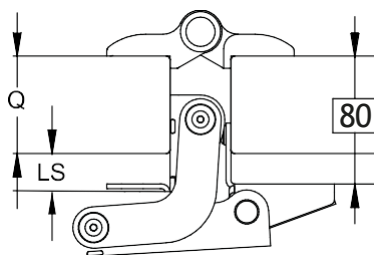
4 >>



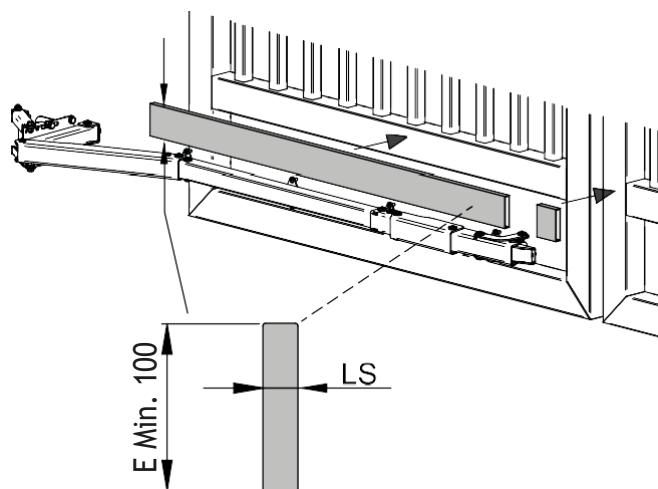


KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

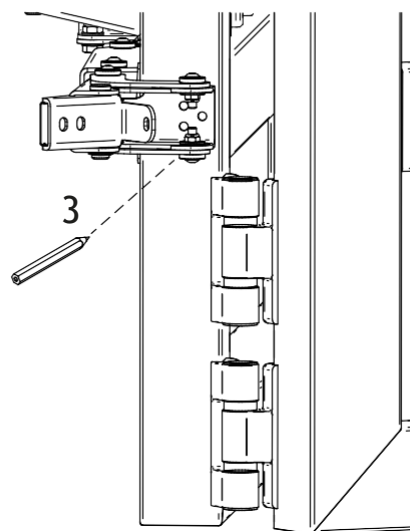
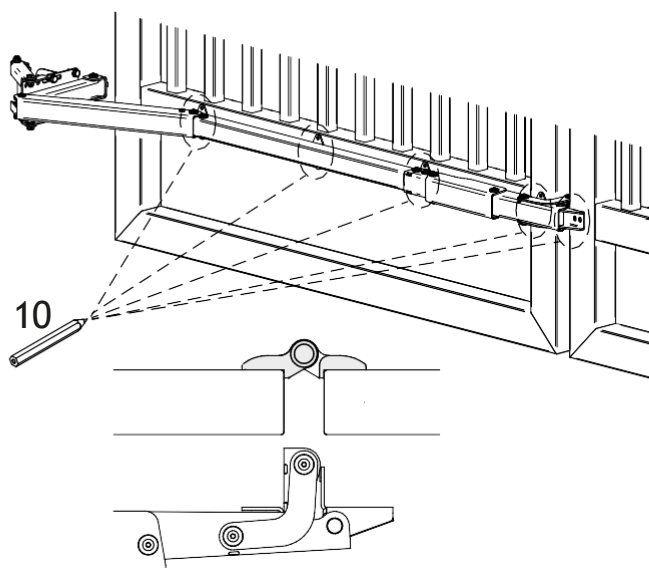
5 >>



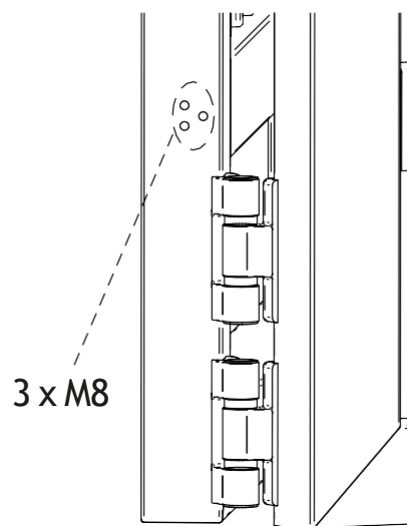
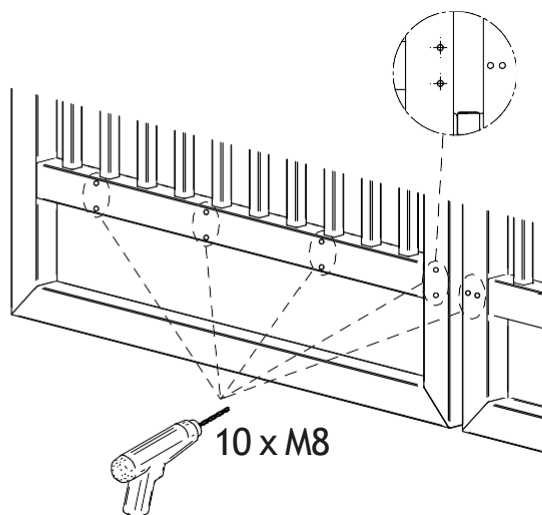
| Q (mm) | LS (mm) |
|--------|---------|
| 60     | 20      |
| 80     | /       |



6 >>



7 >>

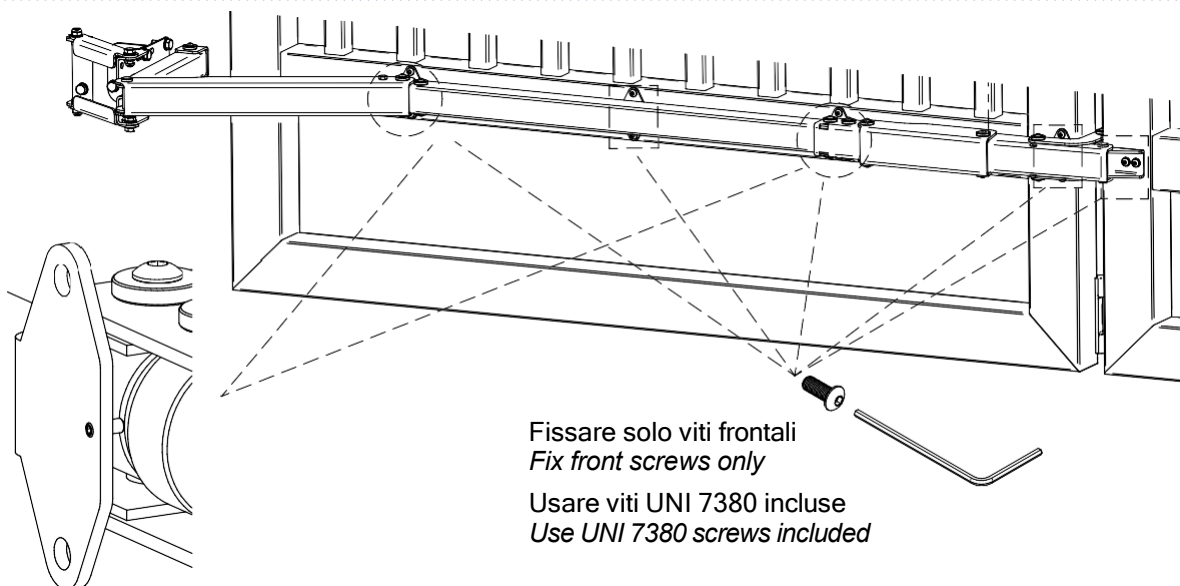






KIT BI-FOLDING HD · BI-FOLDING HD KIT

8 >>

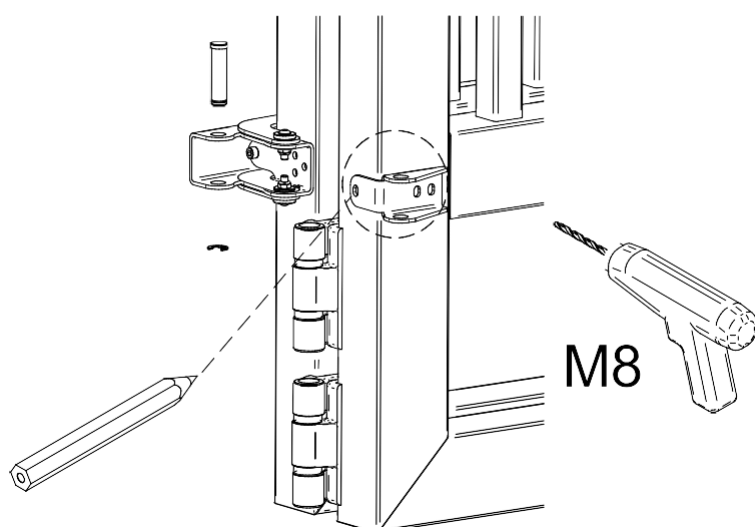


Rimuovere prima  
di fissare  
*Remove before  
fixing*

Fissare solo viti frontali  
*Fix front screws only*

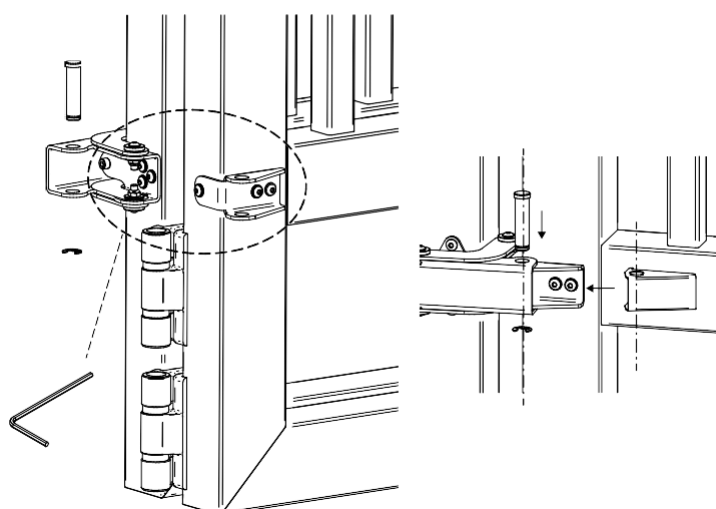
Usare viti UNI 7380 incluse  
*Use UNI 7380 screws included*

9 >>

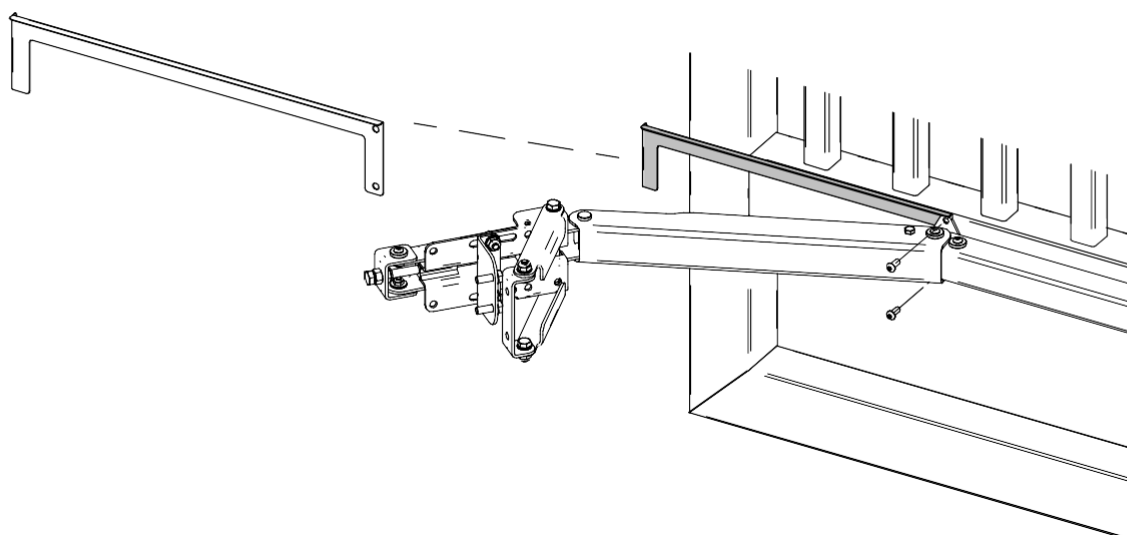


M8

10 >>



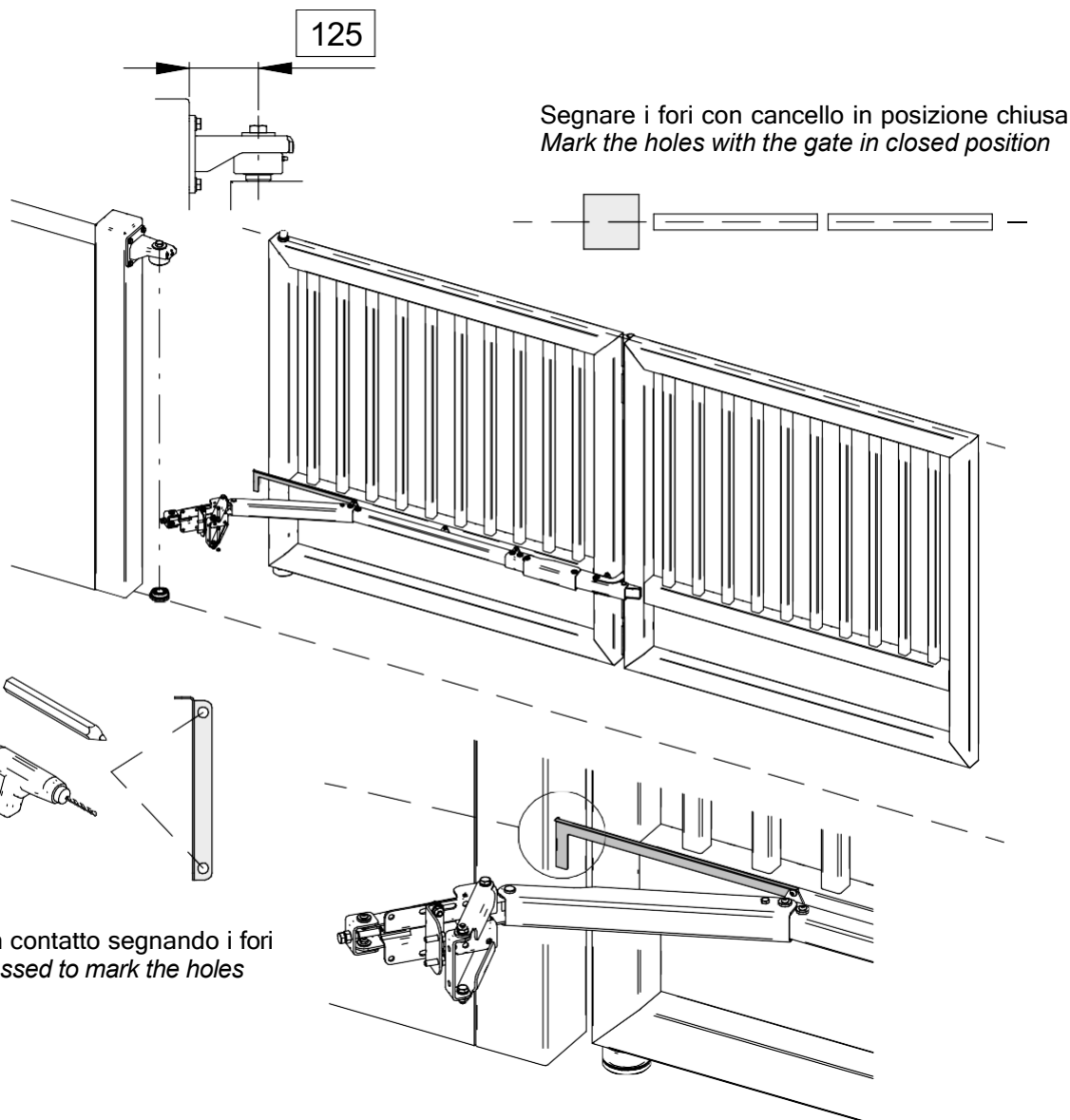
11 >>



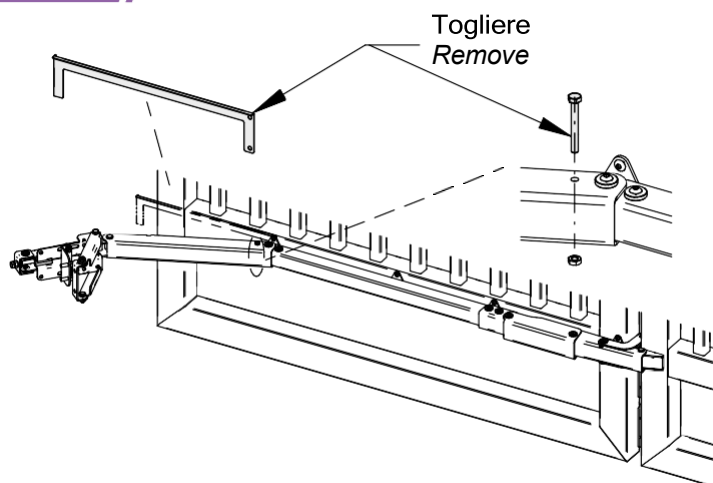


KIT BI-FOLDING HD · BI-FOLDING HD KIT

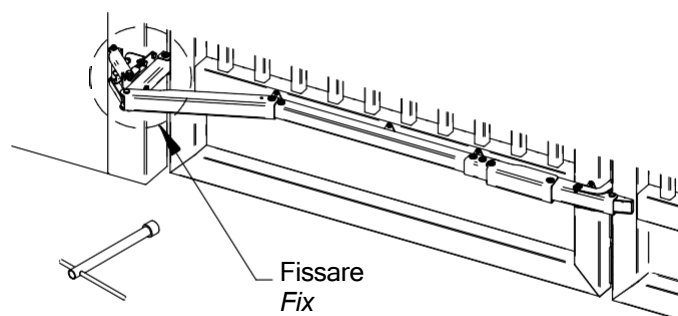
12 >>



13 >>



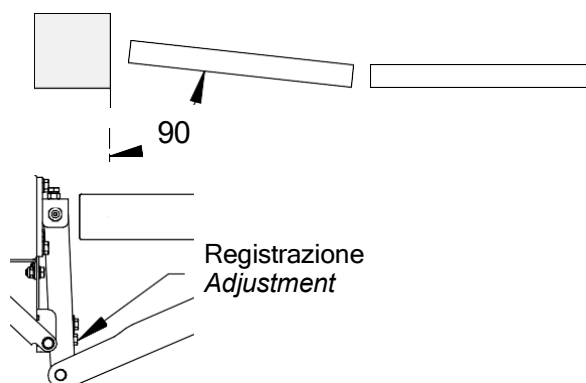
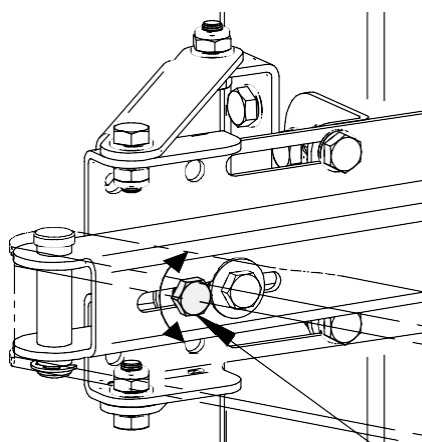
14 >>



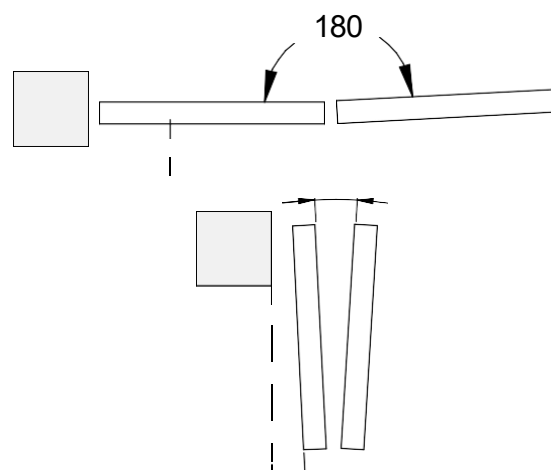
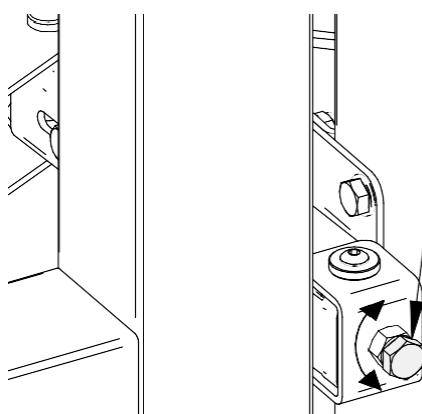


KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

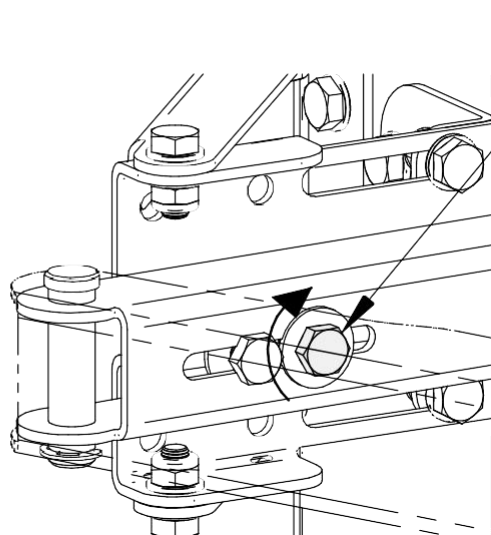
15 >>



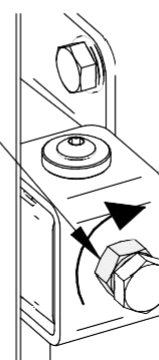
Registrazione  
Adjustment



16 >>



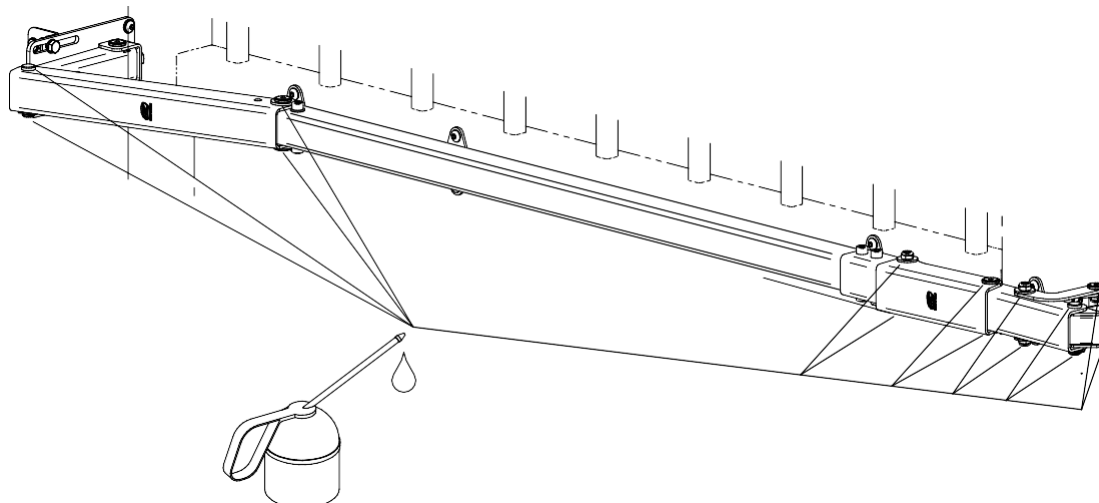
Fissare  
Fix



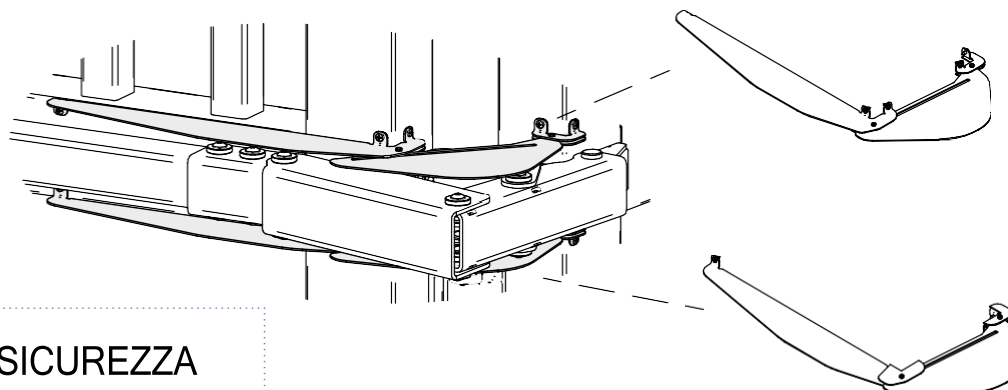
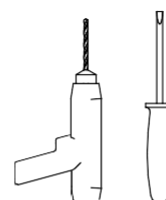
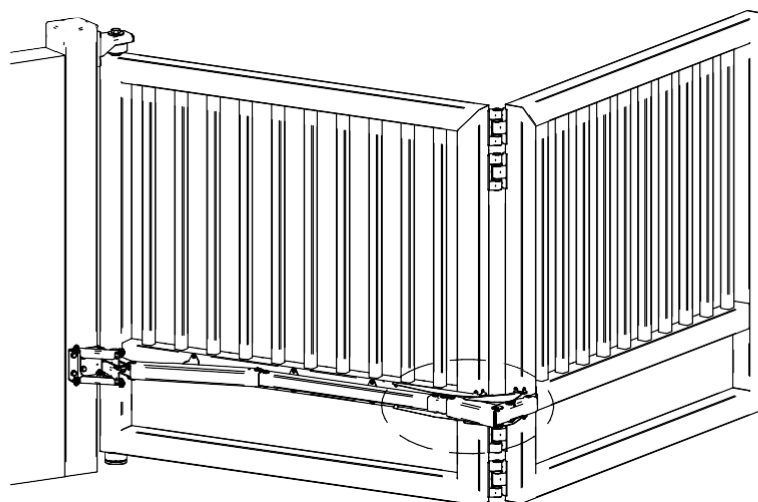


KIT BI-FOLDING HD · *BI-FOLDING HD KIT*

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 includere 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](mailto: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](mailto: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**



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36033 Isola Vicentina  
Vicenza · ITALY

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Fax +39 0444 976936  
info@facsrl.com



**FACSRL.COM**