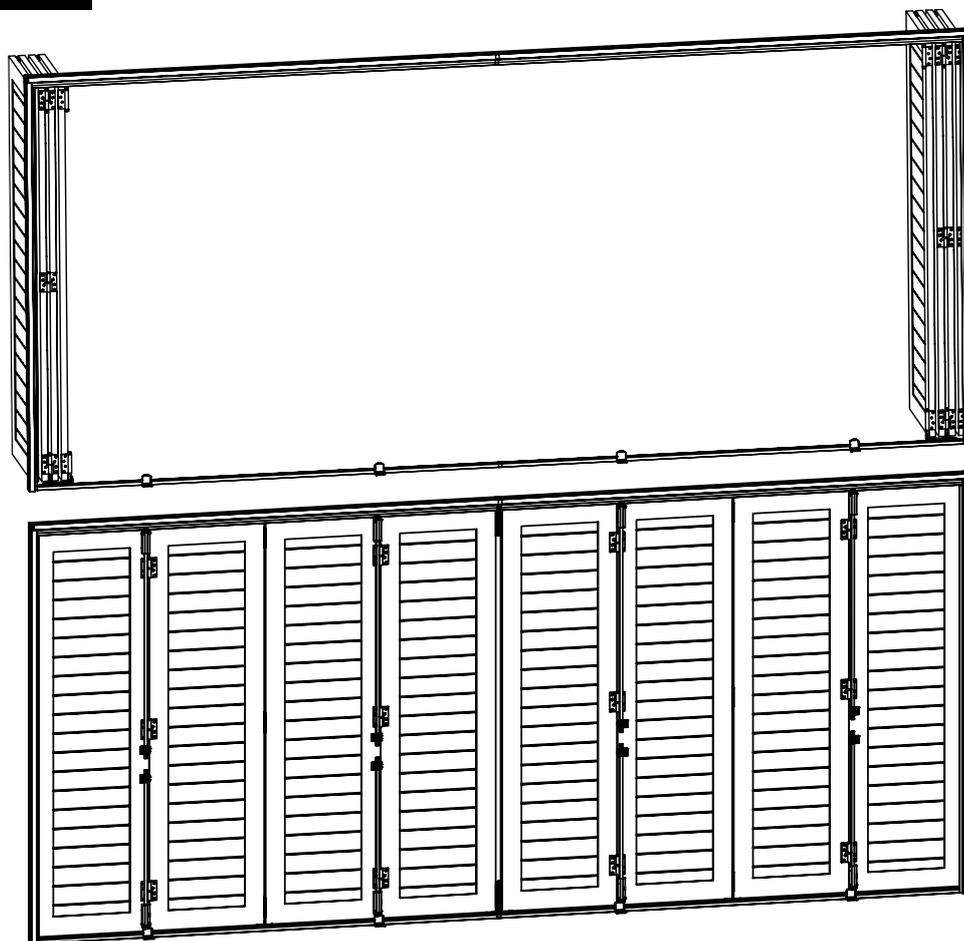




Istruzioni di posa



Vista dall'interno

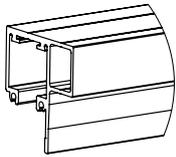


Gamma VCP300

Ferramenta per persiane scorrevoli ripieghevoli
Per configurazione 2+2

Componenti

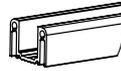
PROFILI E ACCESSORI PER TELAIO IN ALLUMINIO



A VR10906



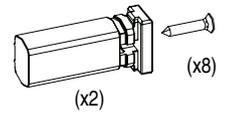
B VR10917



C VR10926



D VR10930



E VR10830
(x2)

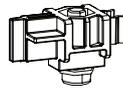
SCORRIMENTO SUPERIORE



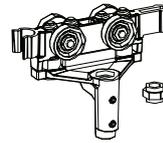
F1 VR10100G



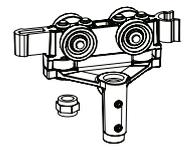
F2 VR10200D



G VR10300



H1 VR10700G



H2 VR10600D

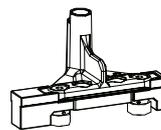
SCORRIMENTO INFERIORE



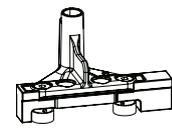
I1 VR10400G



I2 VR10500D

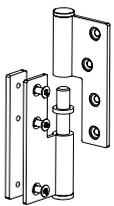


J1 VR10800G

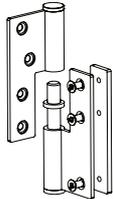


J2 VR10801D

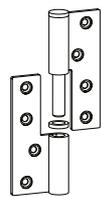
COLLEGAMENTO PROFILI/ANTE



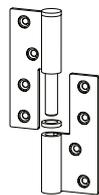
K1 VR10821G



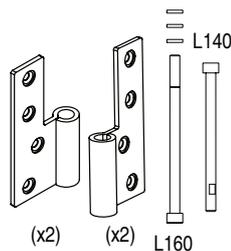
K2 VR10822D



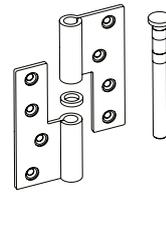
L1 VR10809G



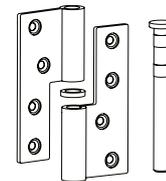
L2 VR10810D



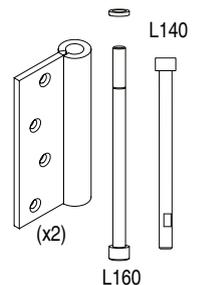
M VR10828



N1 VR10816G

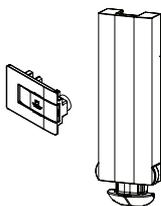


N2 VR10817D



O VR10818

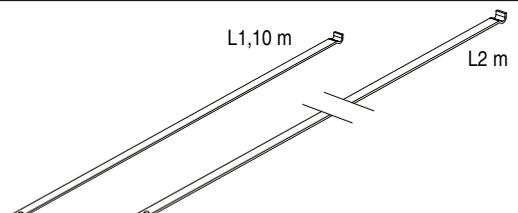
CHIUSURA



P VR10835



Q VR10837



R VR10838J

S VR10839J

| Descrizione | Codice | Conf. | H anta < 1800 mm | 1800 <= H anta > 2800 mm | 2800 <= H anta > = 3000 mm |
|---|----------|-------|---------------------|--------------------------------|----------------------------------|
| | | | 4+4 | 4+4 | 4+4 |
| | | | Unità | Unità | Unità |
| PROFILI E ACCESSORI PER TELAIO IN ALLUMINIO | | | | | |
| A BINARIO SUPERIORE IN ALLUMINIO 6M | VR10906 | 9 | 1 | 1 | 1 |
| B PROFILO TELAIO LATERALE CON BATTUTA IN ALLUMINIO 6 M | VR10917 | 9 | 1 | 1 | 1 |
| C GUIDA A U INFERIORE IN ALLUMINIO 6M | VR10926 | 9 | 1 | 1 | 1 |
| D BATTUTA INFERIORE ZAMA PER GUIDA A U INFERIORE | VR10930 | 20 | 4 | 4 | 4 |
| E KIT 2 BATTUTE FISSE NYLON PER GUIDA INFERIORE + VITI | VR10830 | 20 | 1 | 1 | 1 |
| SCORRIMENTO SUPERIORE | | | | | |
| F1 CARRELLO SUPERIORE ESTERNO SINISTRO VISTA INTERNA | VR10100G | 20 | 1 | 1 | 1 |
| F2 CARRELLO SUPERIORE ESTERNO DESTRO VISTA INTERNA | VR10200D | 20 | 1 | 1 | 1 |
| G BATTUTA CARRELLO SUPERIORE NYLON | VR10300 | 20 | 2 | 2 | 2 |
| H1 CARRELLO SUPERIORE CENTRALE SINISTRO ZAMA | VR10700G | 20 | 1 | 1 | 1 |
| H2 CARRELLO SUPERIORE CENTRALE DESTRO ZAMA | VR10600D | 20 | 1 | 1 | 1 |
| SCORRIMENTO INFERIORE | | | | | |
| I1 SLITTA INFERIORE TERMINALE SINISTRA VISTA INTERNA | VR10400G | 20 | 1 | 1 | 1 |
| I2 SLITTA INFERIORE TERMINALE DESTRA VISTA INTERNA | VR10500D | 20 | 1 | 1 | 1 |
| J1 SLITTA INFERIORE CENTRALE SINISTRA VISTA INTERNA | VR10800G | 20 | 1 | 1 | 1 |
| J2 SLITTA INFERIORE CENTRALE DESTRA VISTA INTERNA | VR10801D | 20 | 1 | 1 | 1 |
| COLLEGAMENTO PROFILI/ANTE | | | | | |
| K1 POMELLA PER TELAIO DESTRA VISTA INTERNA | VR10821G | 20 | 2 | 3 | 4 |
| K2 POMELLA PER TELAIO SINISTRA VISTA INTERNA | VR10822D | 20 | 2 | 3 | 4 |
| L1 POMELLA CENTRALE PIATTA SINISTRA | VR10809G | 10 | 4 | 6 | 8 |
| L2 POMELLA CENTRALE PIATTA DESTRA | VR10810D | 10 | 4 | 6 | 8 |
| M 2 SET DI 2 MEZZE POMELLE CARRELLO CENTRALE + VITI | VR10828 | 20 | 2 | 2 | 2 |
| N1 POMELLA CENTRALE DI MEZZO SINISTRA + PERNO AMOVIBILE + RONDELLE | VR10816G | 20 | - | 1 | 2 |
| N2 POMELLA CENTRALE DI MEZZO DESTRA + PERNO AMOVIBILE + RONDELLE | VR10817D | 20 | - | 1 | 2 |
| O 2 MEZZE POMELLE TERMINALI + VITI | VR10818 | 20 | 2 | 2 | 2 |
| CHIUSURA | | | | | |
| P KIT CHIAVISTELLO PIATTO + GUIDA ASTA NYLON NERO | VR10835 | 10 | 8 | 8 | 8 |
| Q GUIDA ASTA + MANIGLIETTA ERGONOMICA NYLON NERO | VR10837 | 10 | - | 8 | 8 |
| R ASTA ALLUMINIO 1,10M PER CHIAVISTELLO PIATTO | VR10838J | 10 | 8 | 8 | 4 |
| S ASTA ALLUMINIO 2M PER CHIAVISTELLO PIATTO | VR10839J | 10 | - | - | 4 |

INFORMAZIONI

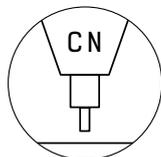
Attrezzi Necessari



Sega circolare



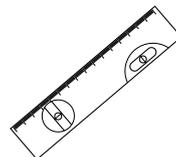
Seghetto per metallo



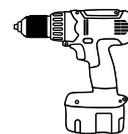
Comando numerico



Lima



Livella



Trapano / Avvitatore

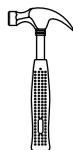


Punta per metallo

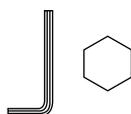
Ø13 mm
Ø10 mm
Ø7 mm
Ø4,5 mm



Cacciavite



Martello



Chiave a brugola 2,5 e 8



Chiave a brugola T20 e T25



Chiave combinata 14



Frenafiletti

Caratteristiche tecniche

Larghezza massima : 500 mm

Altezza massima : 3 000 mm

Sbordo su facciata : 500 mm maxi.

Peso fino a 20kg / anta

Spessore : da 30 a 35 mm

Consigli

TORBEL declinerà ogni responsabilità se verranno montati componenti non previsti e non appartenenti a questa gamma. È compito del fabbricante assicurarsi che i componenti siano compatibili con le persiane. Il sistema dovrà essere posato da un professionista a regola d'arte rispettando tutte le NTC. Escludere la posa in prima linea costiera e nelle zone più ventose (Norma EN1991-1-4).

Rispettare le dimensioni massime per anta (3 m x 0,5 m x uno spessore compreso tra 30 e 35 mm) per un peso massimo di 20 kg per anta. Per il corretto funzionamento verificare che la struttura delle ante sia sufficientemente rigida e solida. Fissare saldamente il telaio (su una struttura sufficientemente resistente alle sollecitazioni del sistema) nei differenti singoli punti (i singoli punti si trovano a livello delle pomelle, delle battute inferiori e dei carrelli anta aperti e chiusi...) con la viteria adatta al sistema e al materiale della facciata. Utilizzare un fissaggio in ogni foro delle pomelle e dei chiavistelli previsti con la viteria adatta (vite per legno TF Ø5 o rivetto Ø4,8) in base al tipo di anta.

Prevedere delle aperture necessarie a far evacuare l'acqua soprattutto nella guida inferiore.

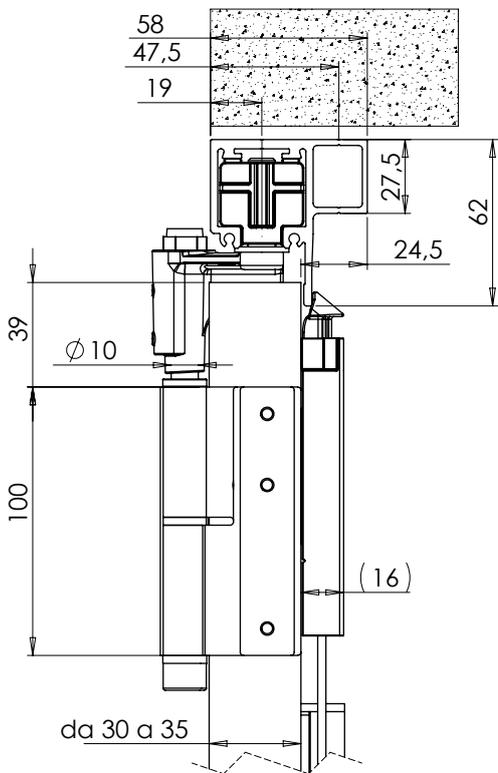
Il sistema si dovrà aprire e chiudere senza particolare sforzo (nessun attrito) e assicurarsi che non ci sia alcun ostacolo. Pulire e lubrificare regolarmente le pomelle e le ruote dei carrelli e delle guide inferiori. Sostituire i pezzi che presentano delle anomalie (usure importanti, rotture).

Verificare regolarmente la viteria, stringere o sostituire al bisogno.

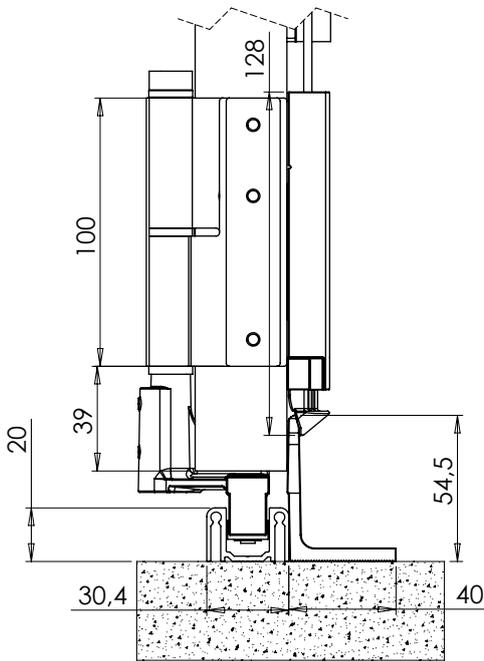
Gli utenti sono tenuti a chiudere le persiane in caso di assenza e/o di avviso di vento forte (allerta arancione). Assicurarsi che i chiavistelli automatici siano posizionati correttamente quando le persiane sono chiuse, altrimenti aggiustarle manualmente.

È compito del produttore fornire all'utilizzatore finale i consigli di utilizzo e di pulizia dei nostri prodotti.

Altezza Anta = Altezza telaio - 87 mm

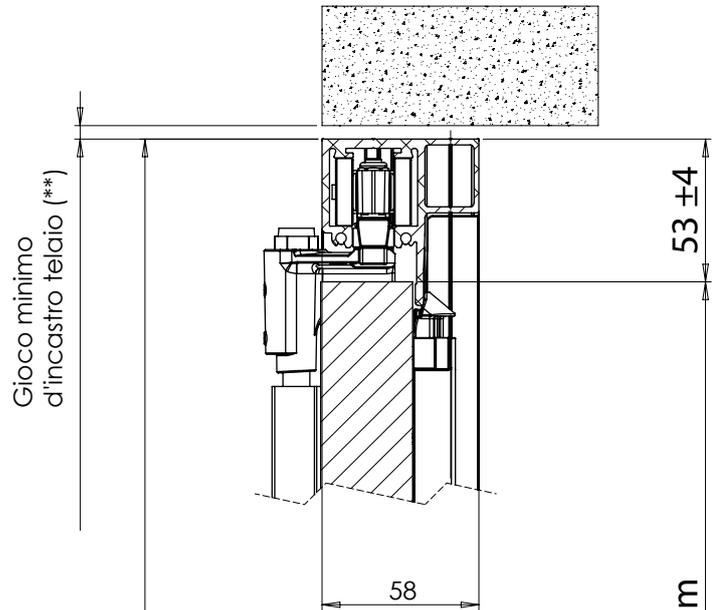


da 30 a 35



Lato esterno

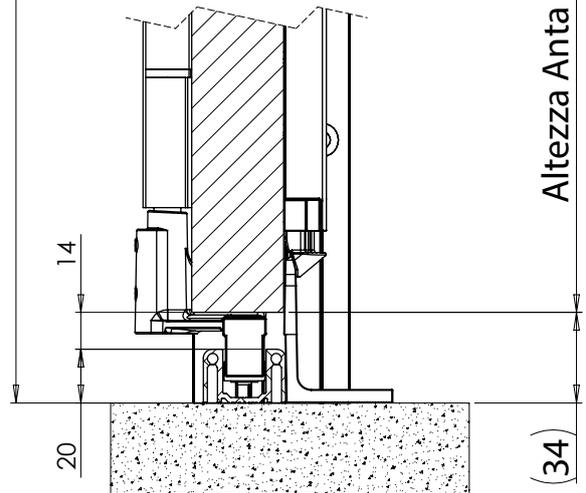
Lato interno



Gioco minimo d'incastro (**)

Altezza telaio

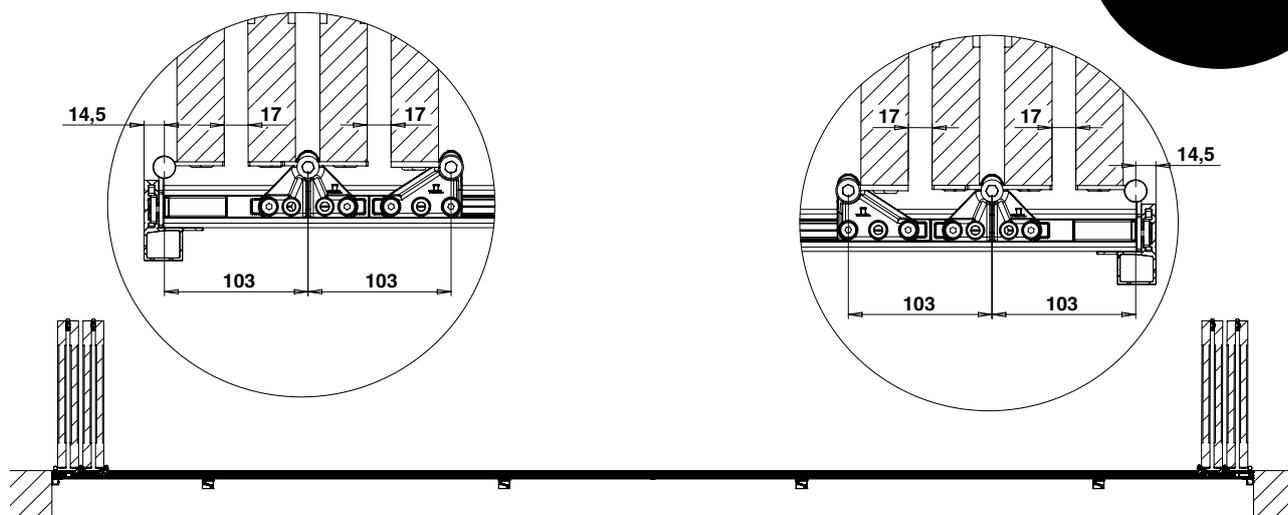
Altezza Anta = Altezza telaio - 87 mm



Lato esterno

Lato interno

(**) Sulle aperture di dimensioni minime suggeriamo un gioco minimo di incastro periferico del telaio di 5 mm



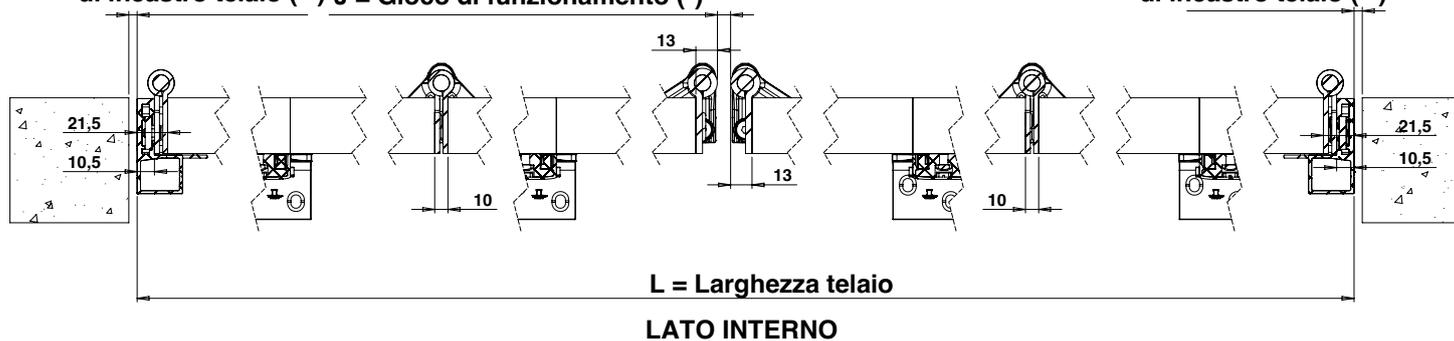
INTERNO



LATO ESTERNO

Gioco minimo di incastro telaio (**)
 $J = \text{Gioco di funzionamento (*)}$

Gioco minimo di incastro telaio (**)



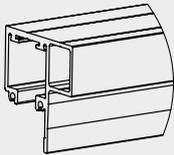
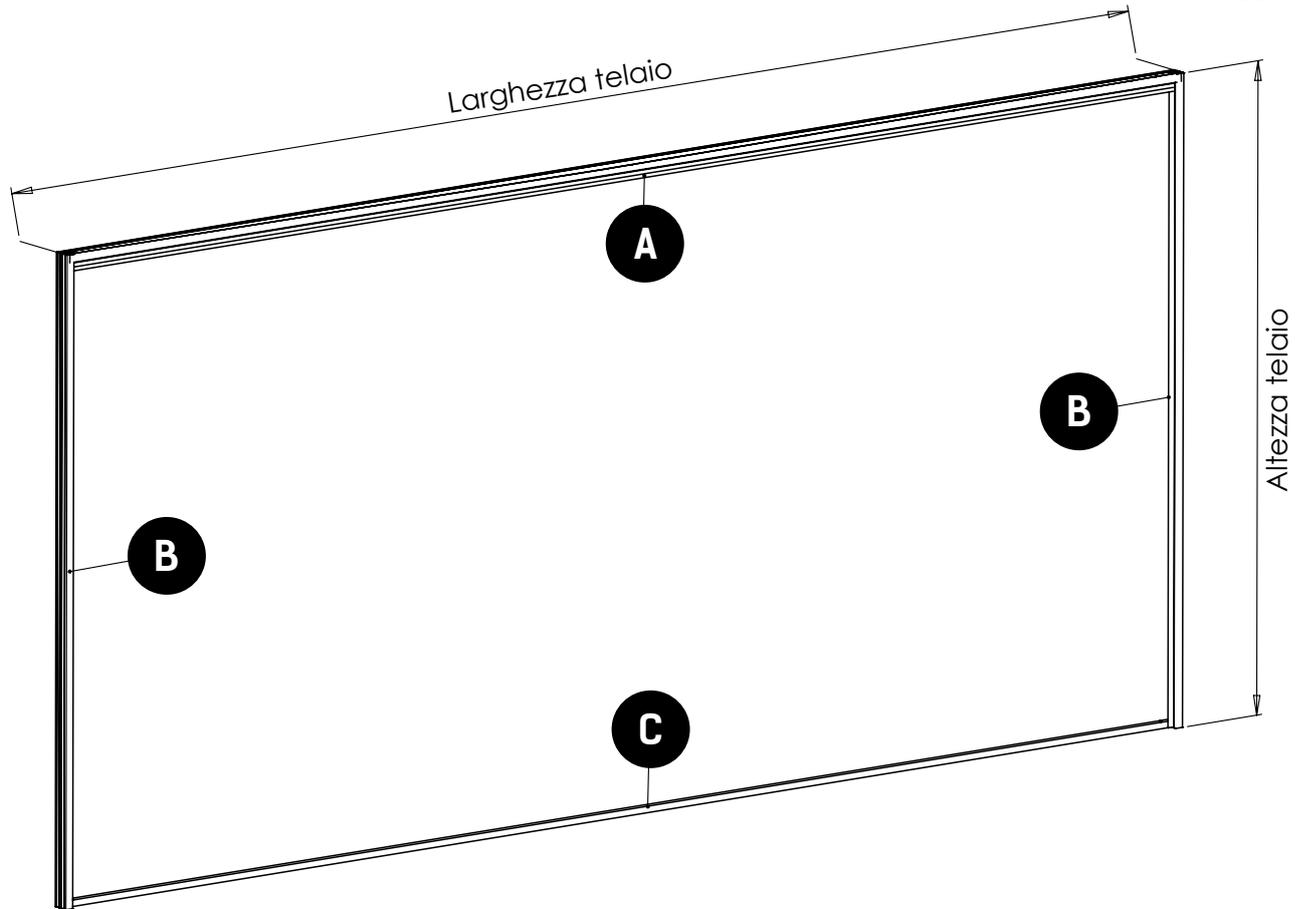
(*) Il gioco di funzionamento J deve integrare l'arretramento del carrello durante la chiusura, le tolleranze dimensionali delle ante e del telaio nonché le dilatazioni legate alle variazioni igrometriche e termiche.

(*) Arretramento del carrello: Larghezza anta 500 mm \Rightarrow 5 mm, 400 mm \Rightarrow 6.5 mm, 300 mm \Rightarrow 8.5 mm, 200 mm \Rightarrow 13 mm.

(**) Sulle aperture di dimensioni minime suggeriamo un gioco minimo di incastro periferico del telaio di 5 mm.

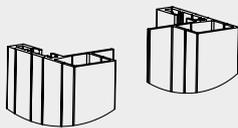
1

Lavorazione dei profili



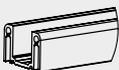
A VR10906

**Lunghezza binario superiore =
Larghezza del telaio - 21 mm**



B VR10917

**Lunghezza profilo telaio laterale =
Altezza telaio**



C VR10926

**Lunghezza guida inferiore =
Larghezza del telaio - 21 mm**

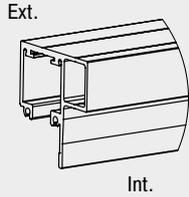
2

Foratura e lavorazione dei profili

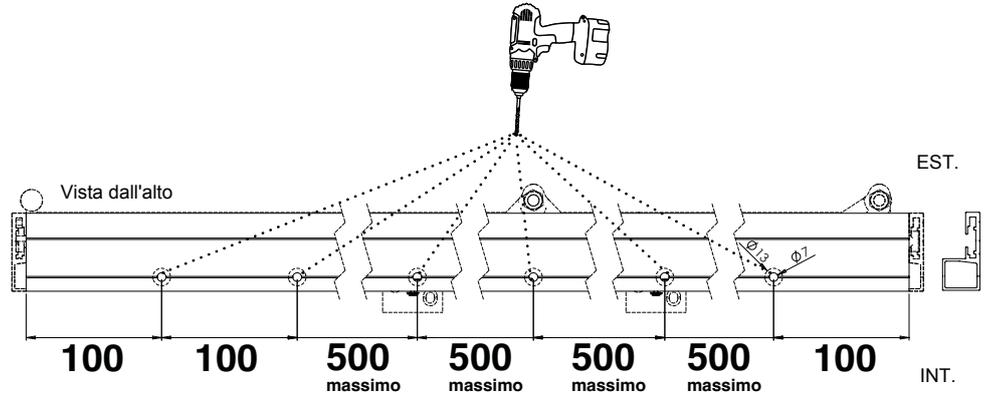


I punti di fissaggio devono essere a livello dei singoli punti.

2.1

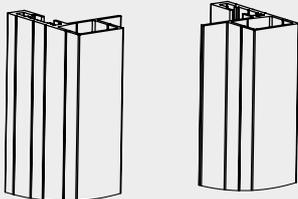


A VR10906



2.2

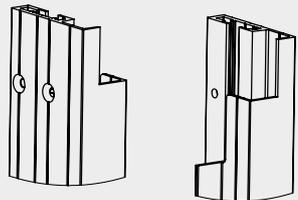
Prima della lavorazione



Sinistra

Destra

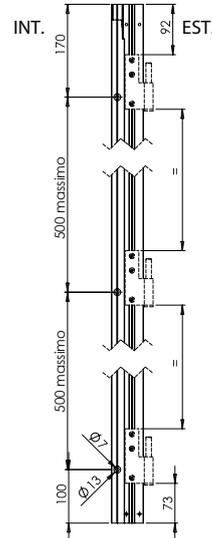
Dopo della lavorazione



Sinistra

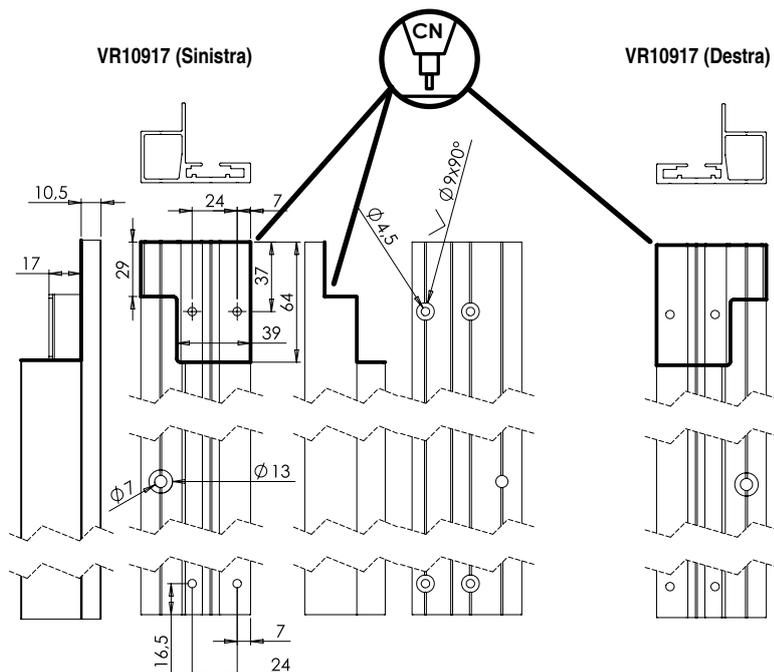
Destra

B VR10917



VR10917 (Sinistra)

VR10917 (Destra)



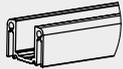
2

Foratura e lavorazione dei profili

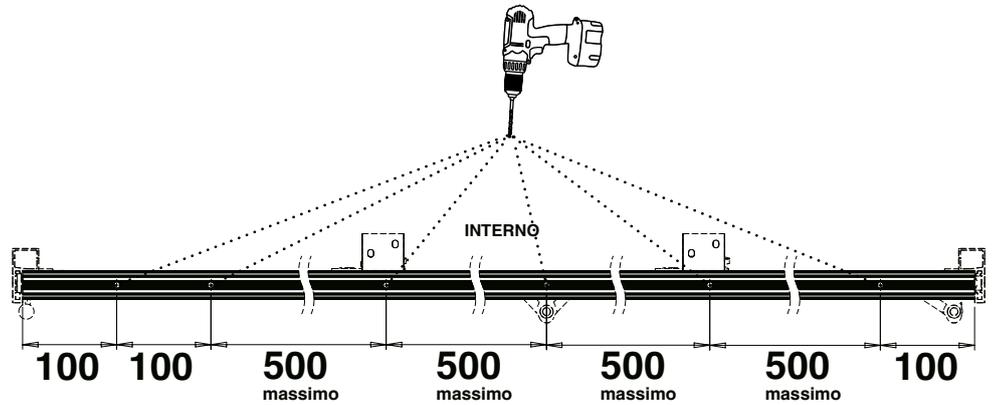


I punti di fissaggio devono essere a livello dei singoli punti.

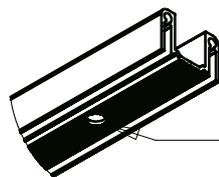
2.3



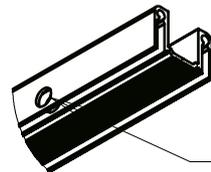
C VR10926



Drenaggio del binario di guida inferiore

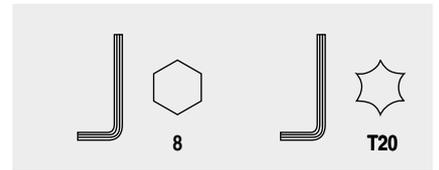


Drenaggio verticale Ø8



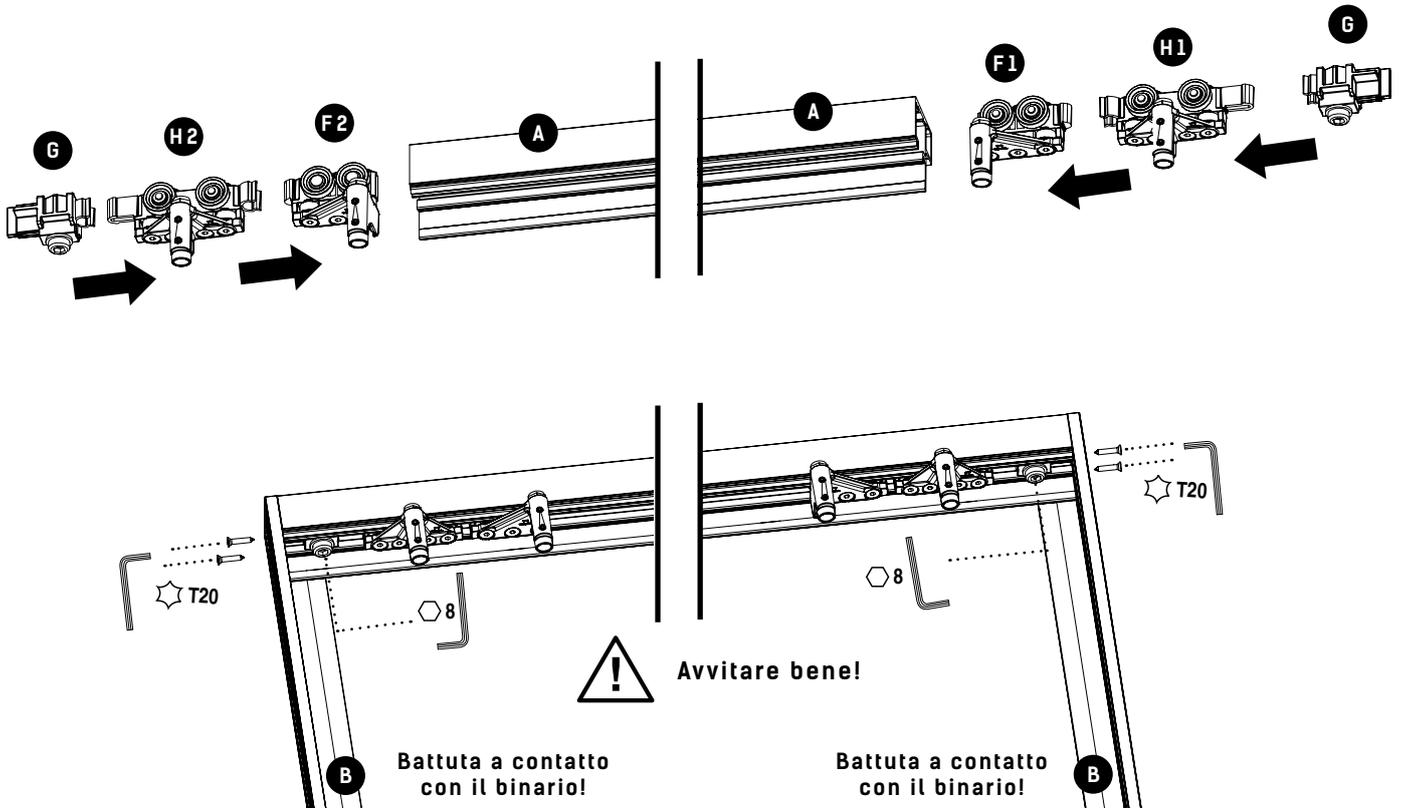
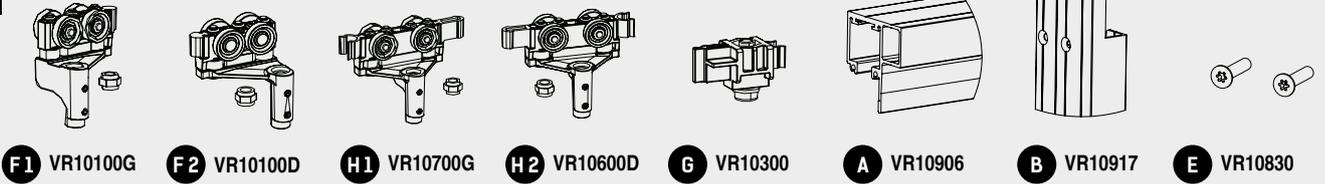
Drenaggio orizzontale Ø8
(orientato verso l'esterno)

3 Montaggio del telaio

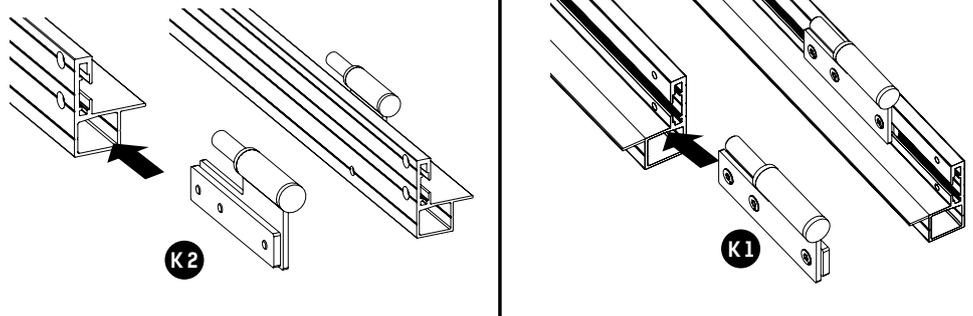
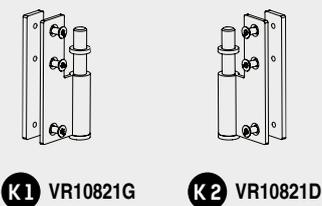


Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

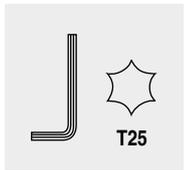
3.1



3.2

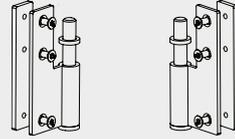


3 Montaggio del telaio

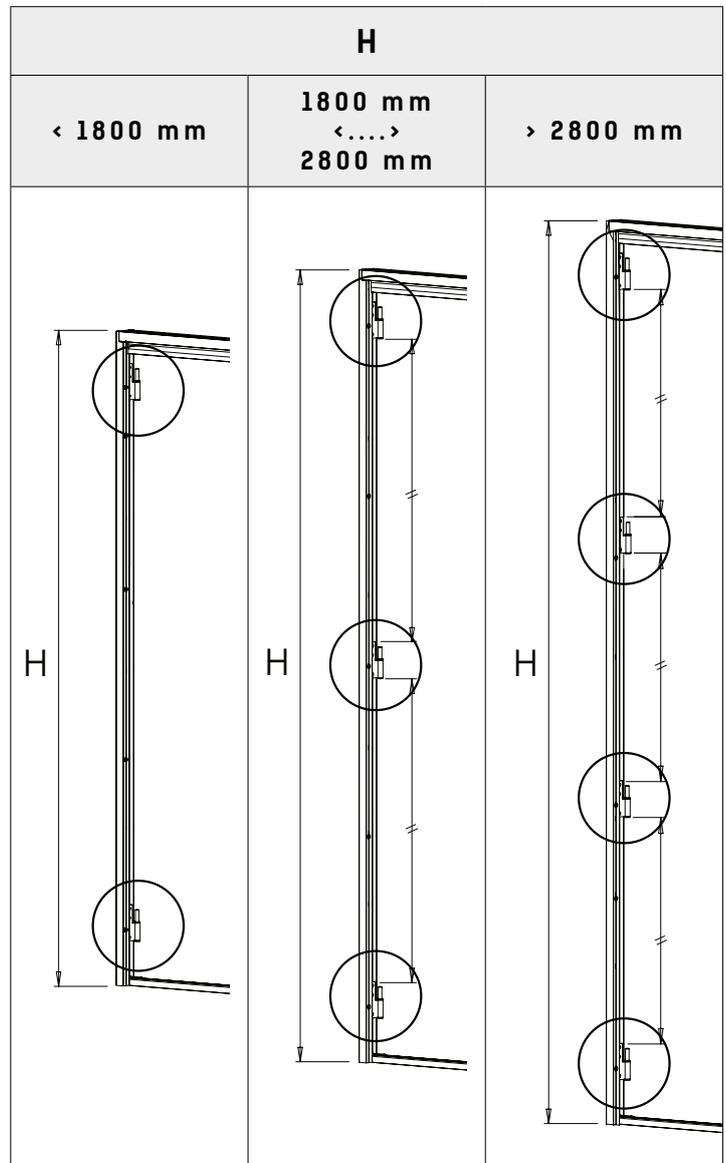
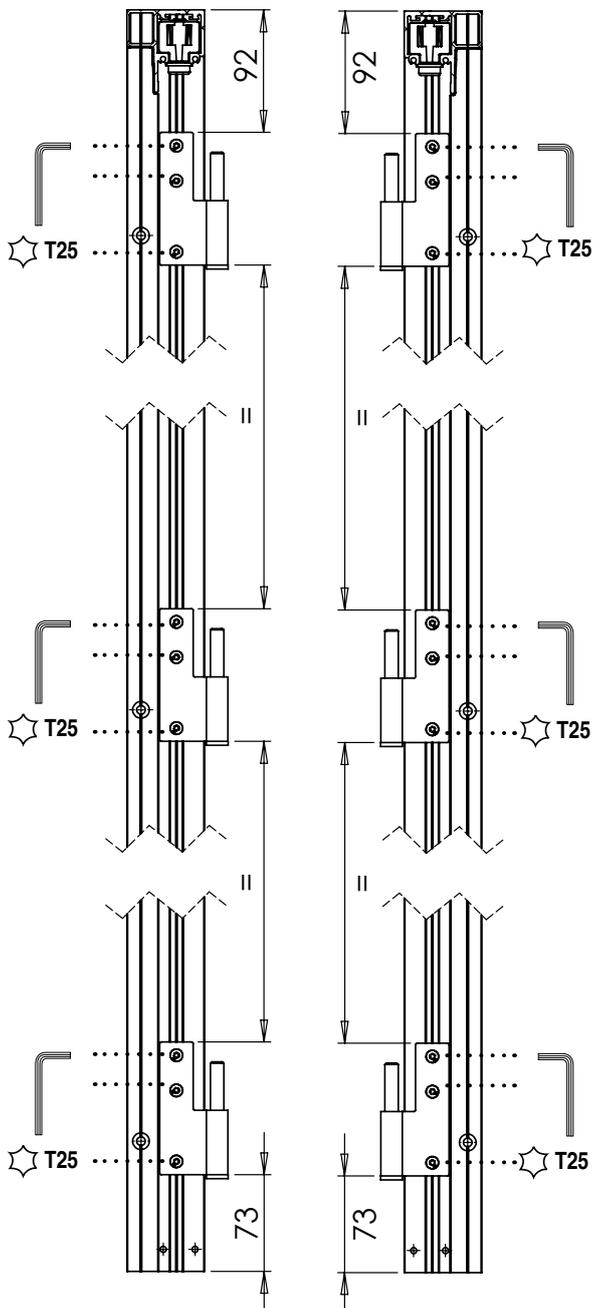


Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

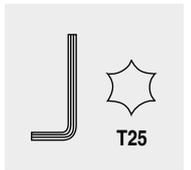
3.3



K1 VR10821G **K2** VR10821D

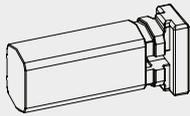


3 Montaggio del telaio

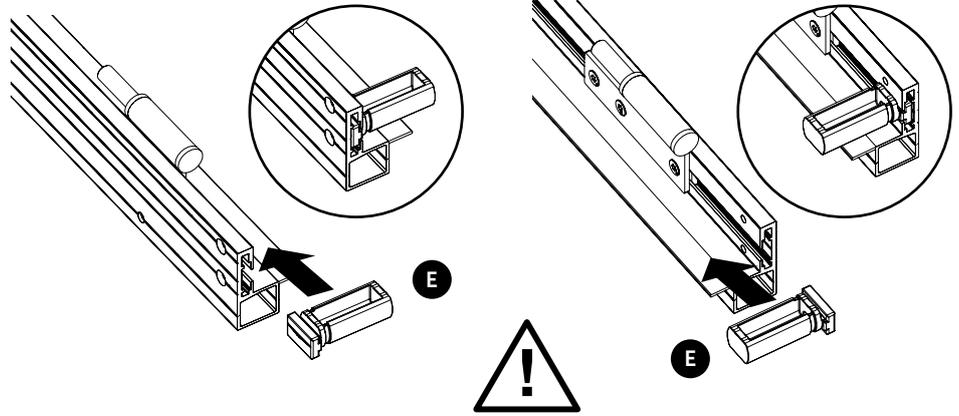


Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

3.4

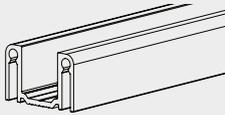


E VR10830

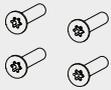


Attenzione al senso di posa della battuta!

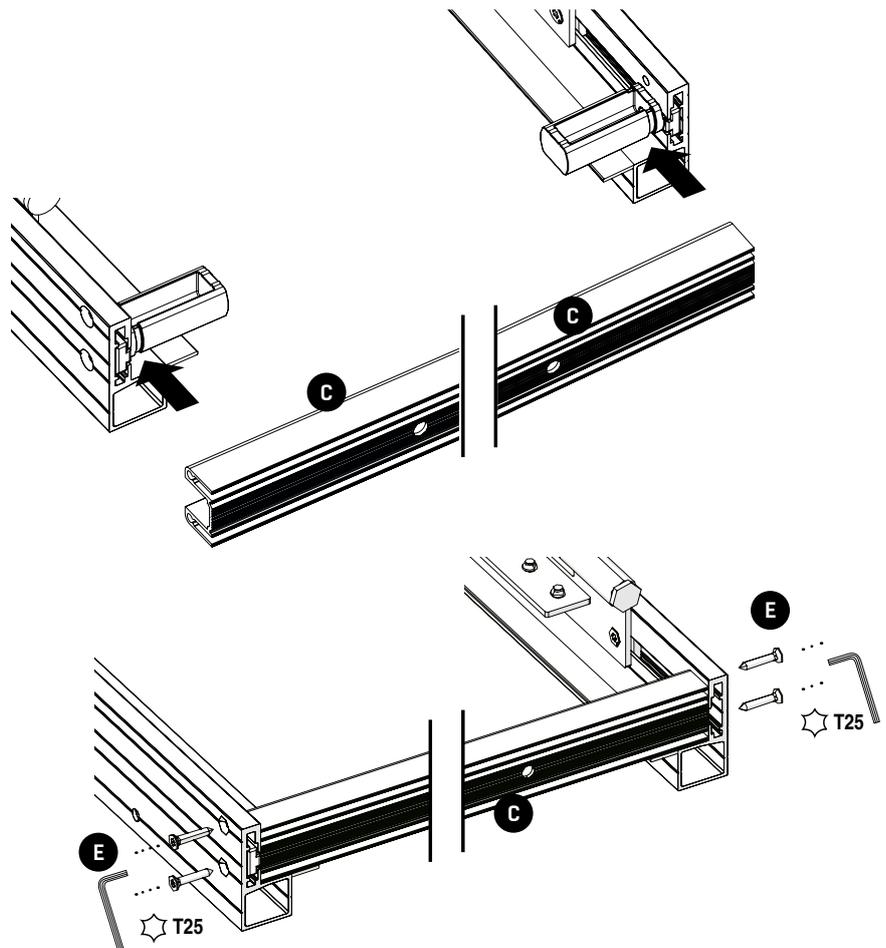
3.5



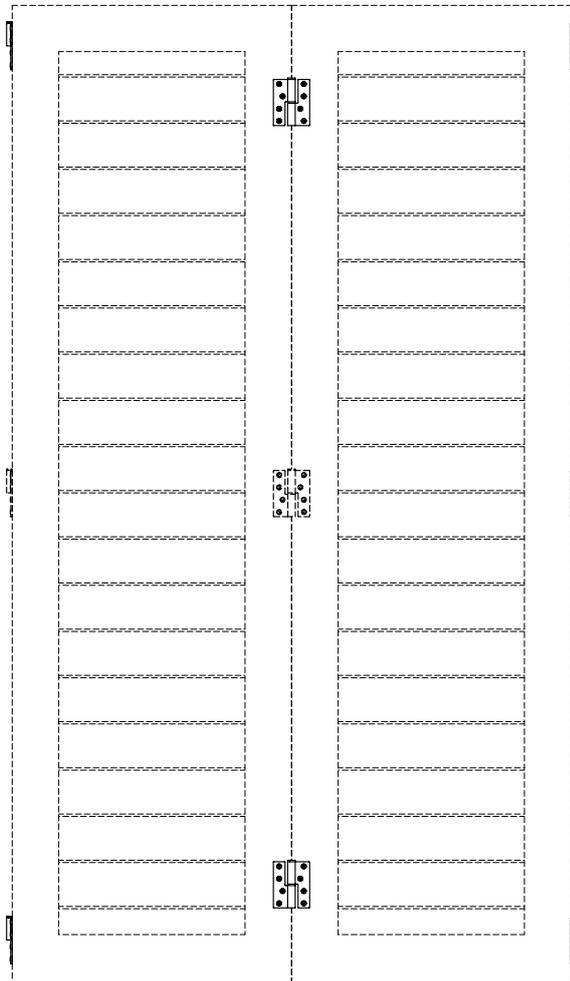
C VR10926



E VR10830

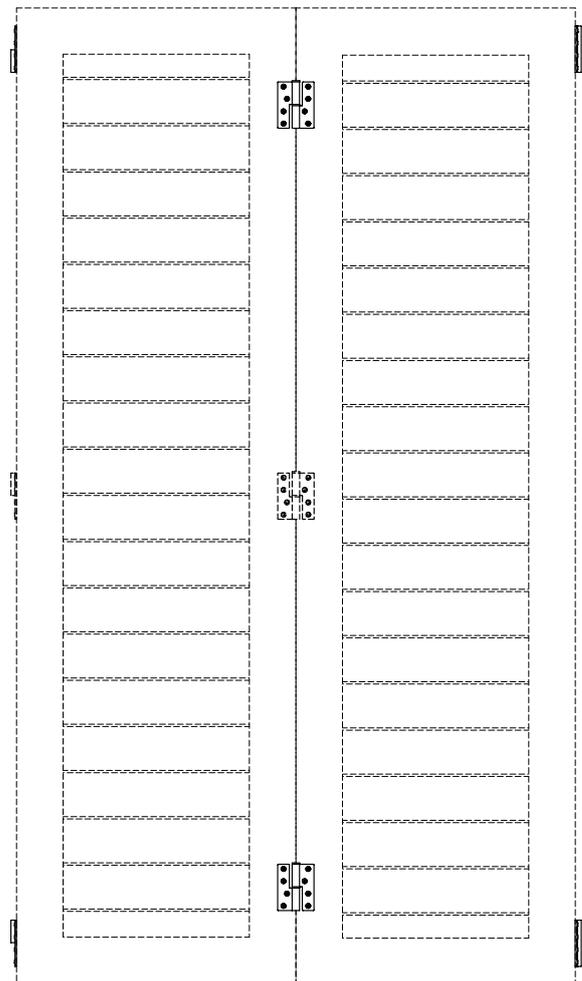


Primo paio di ante



SINISTRA

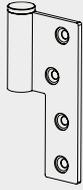
Secondo paio di ante



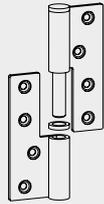
SINISTRA

| H | | |
|-----------|------------------------|-----------|
| < 1800 mm | 1800 mm <....> 2800 mm | > 2800 mm |
| | | |

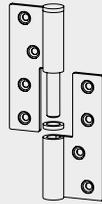
4.1



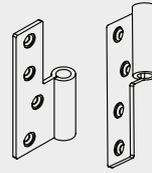
K1 VR10821G



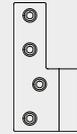
L1 VR10809G



L2 VR10810D



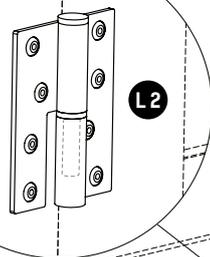
M VR10828

Opzionale
se H > 1800 mm

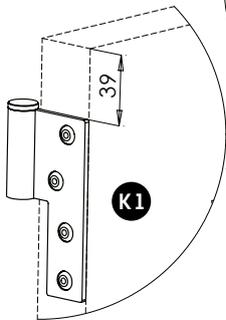
N1 VR10816G

Vista dall'interno

Perno verso il basso!

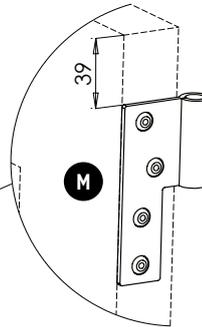


L2

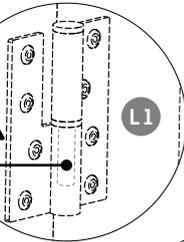


K1

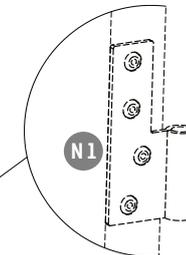
160 mini



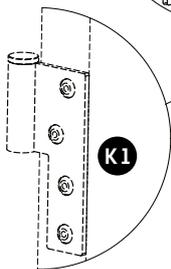
M

Perno verso
il basso!

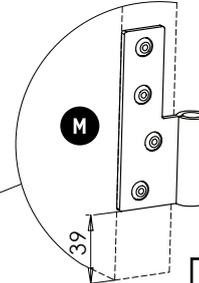
L1



N1

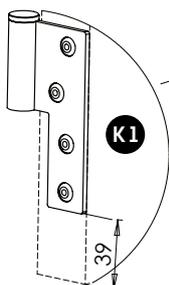
Attenzione alla posizione
del chiavistello!
P.25

K1

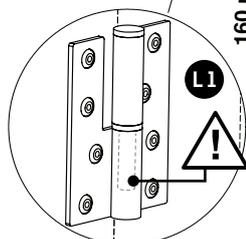


M

160 mini



K1



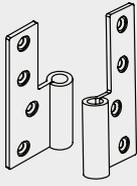
L1

Perno verso il basso!

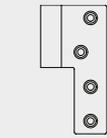
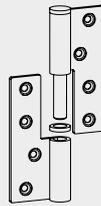
Possibilità
di montaggio
del chiavistello
in officina

P.25

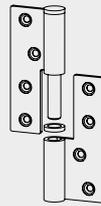
4.2



M VR10828

Opzionale
se H > 1800 mm
N1 VR10816G

L1 VR10809G

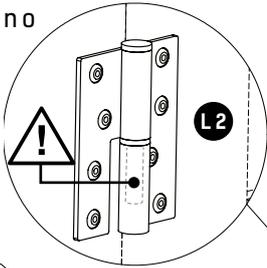


L2 VR10810D

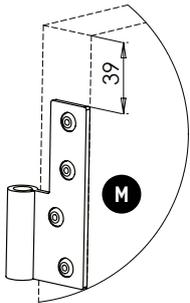


O VR10818

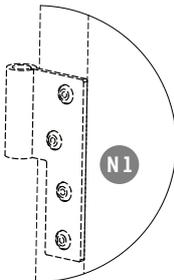
Vista dall'interno

Perno verso
il basso!

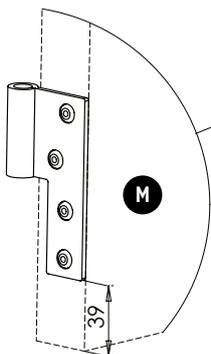
L2



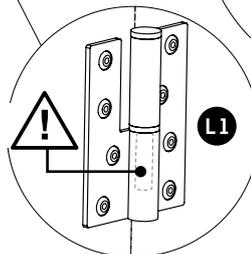
M



N1



M

Perno verso
il basso!

L1



160 mini

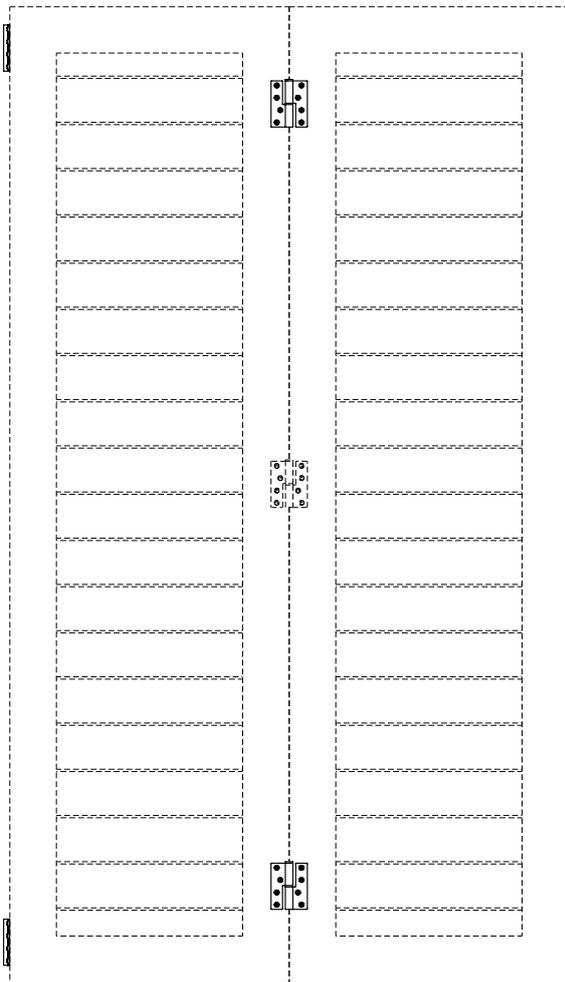
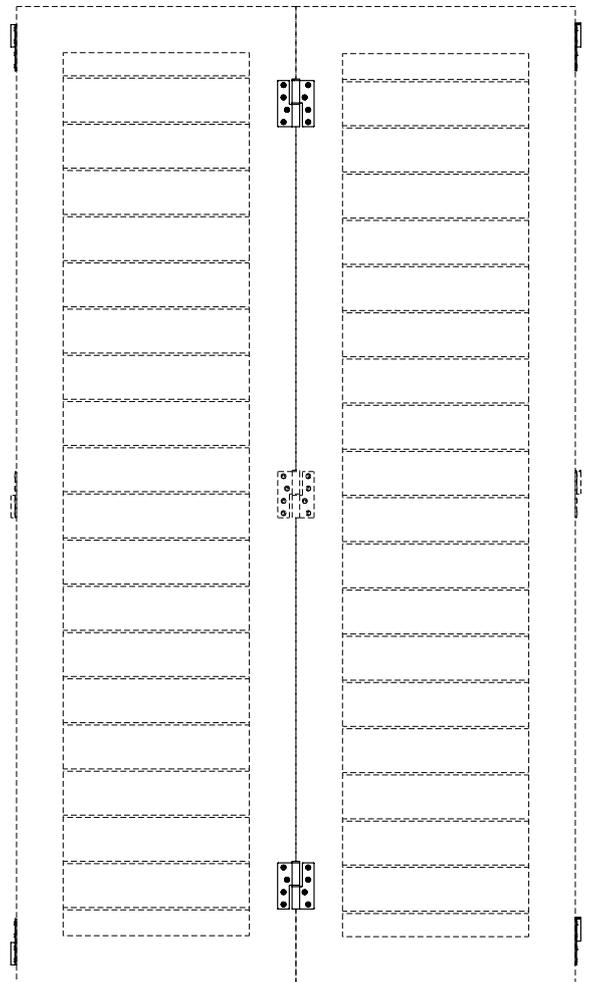
160 mini

Attenzione alla posizione
del chiavistello!
P.25

Perno verso il basso!

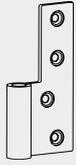
Possibilità
di montaggio
del chiavistello
in officina

P.25

**Secondo paio
di ante**

DESTRA
**Primo paio
di ante**

DESTRA

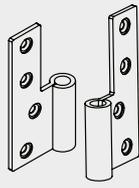
| H | | |
|---------------------|------------------------------------|---------------------|
| < 1800 mm | 1800 mm <...> 2800 mm | > 2800 mm |
| | | |

4.3

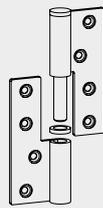


Opzionale
se H > 1800 mm

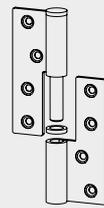
N2 VR10817D



M VR10828



L1 VR10809G

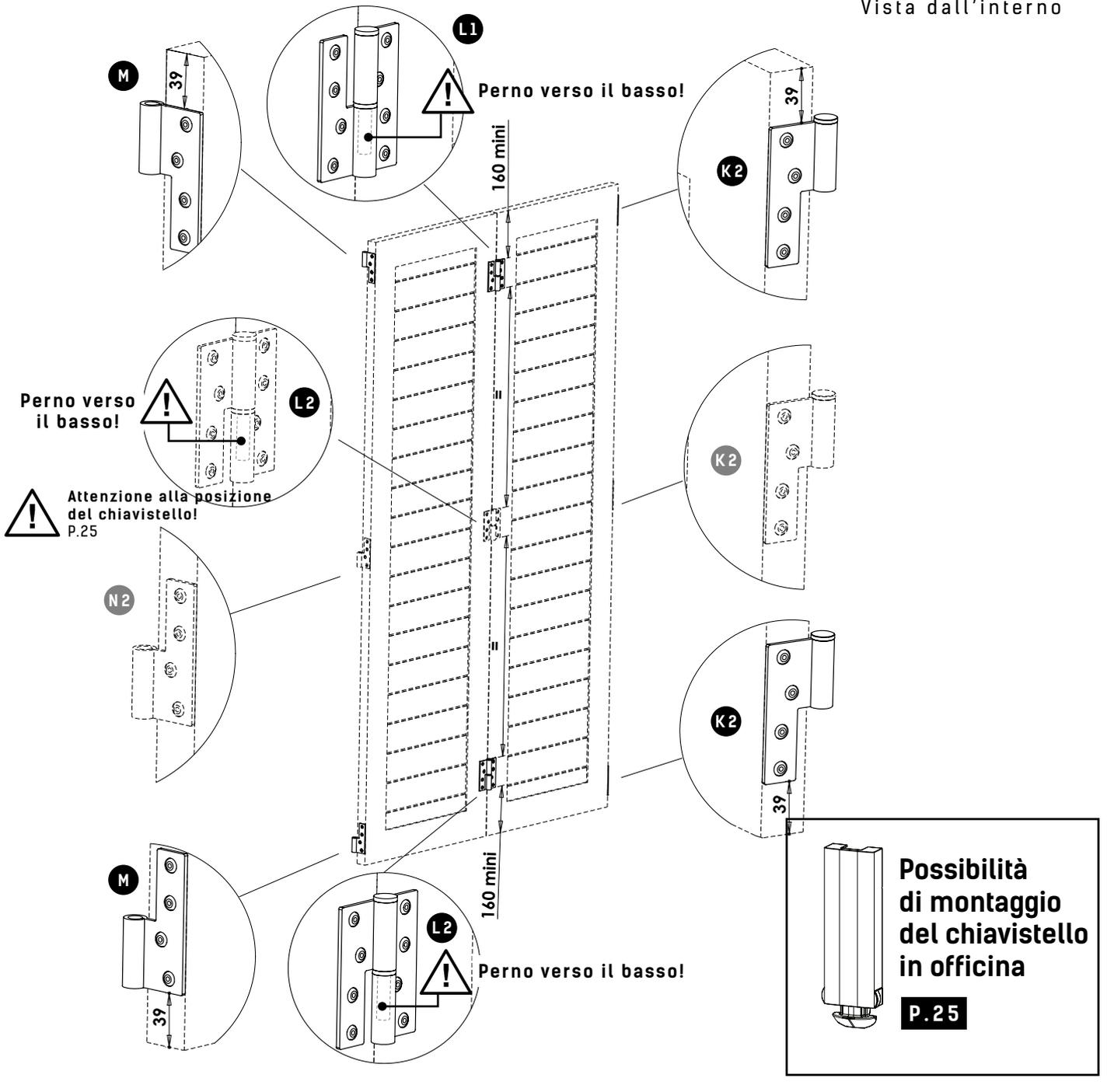


L2 VR10810D



K2 VR10822D

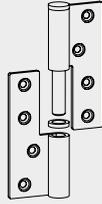
Vista dall'interno



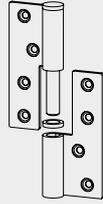
4.4



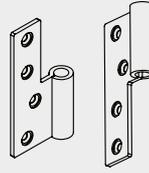
O VR10818



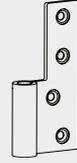
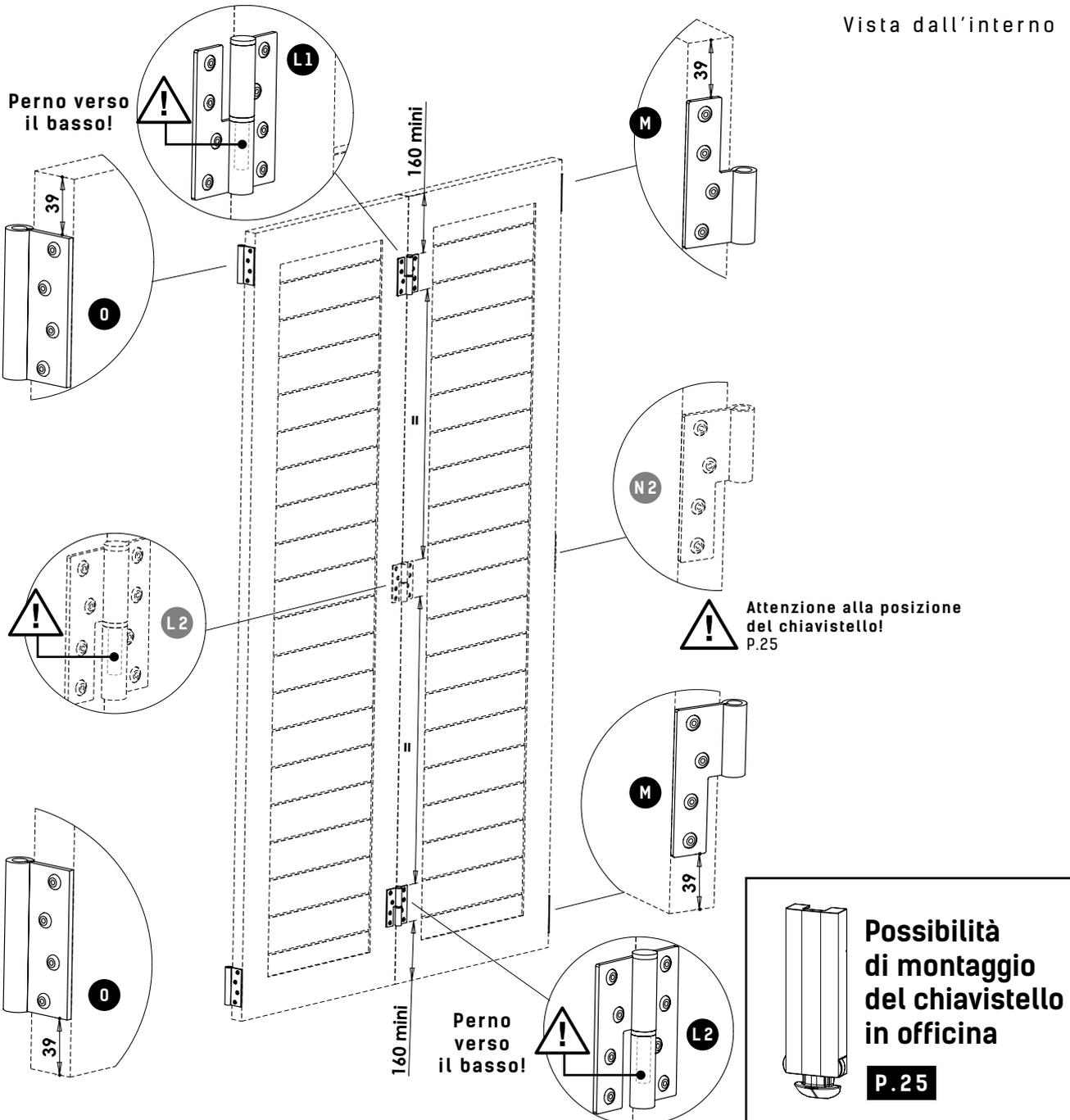
L1 VR10809G

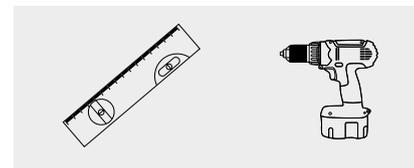


L2 VR10810D

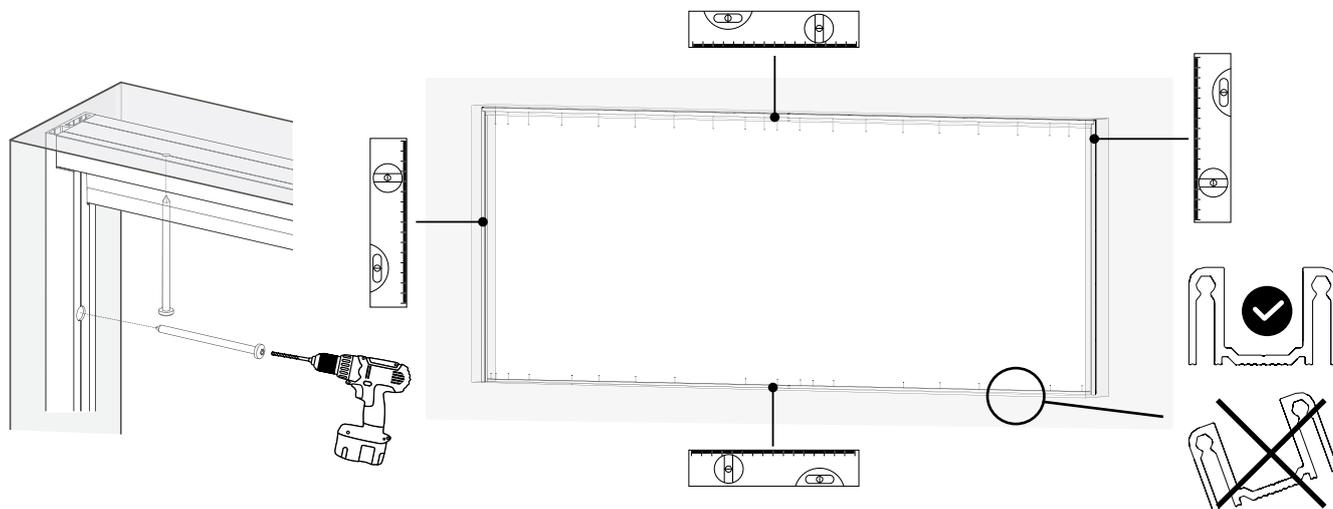


M VR10828

Opzionale
se H > 1800 mm
N2 VR10817D

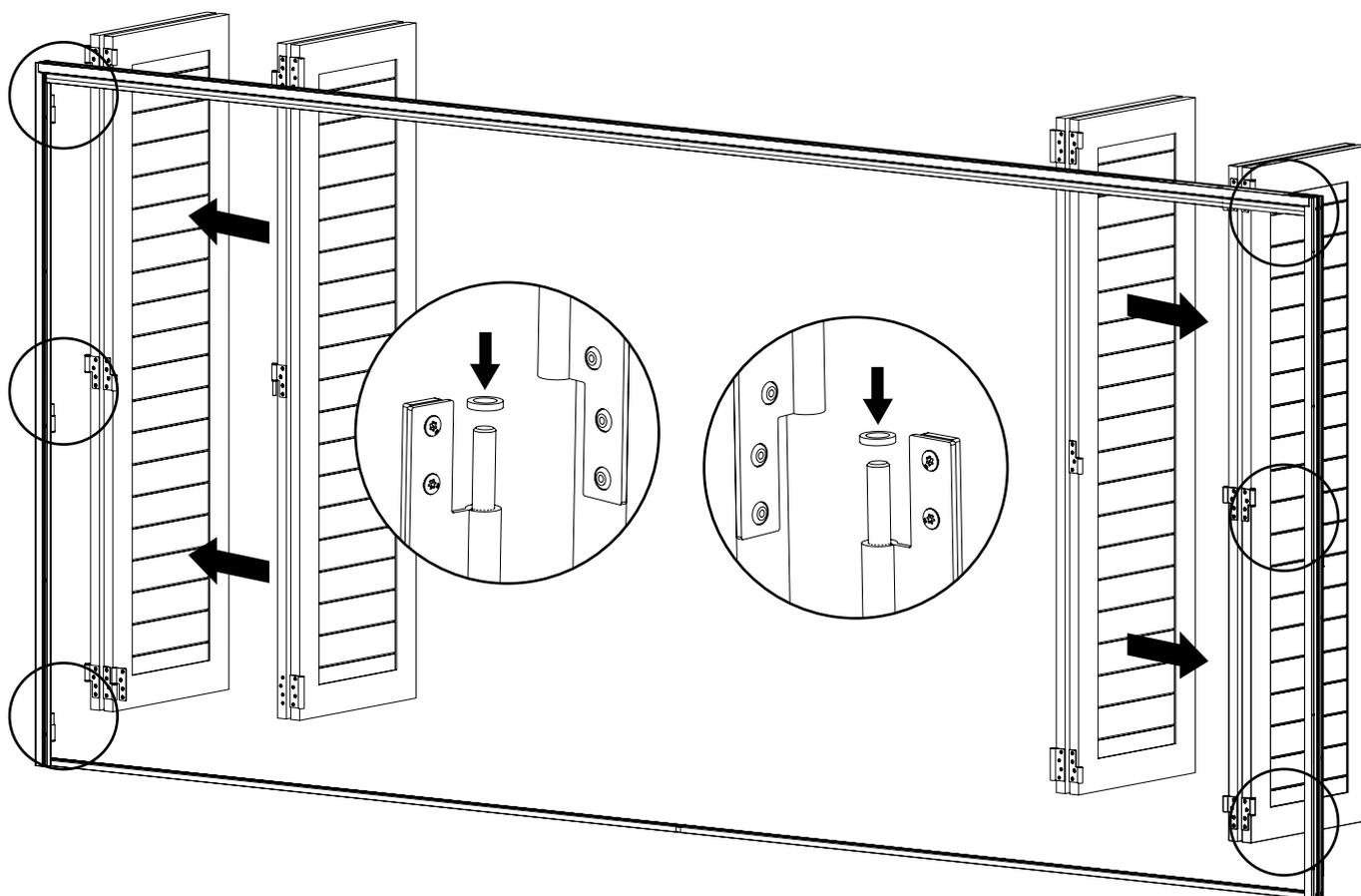


5 Installazione del telaio (regolazione geometrie e calibrzione)

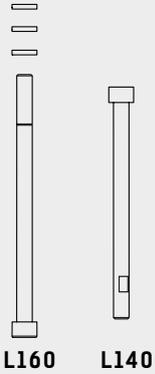


6 Montaggio delle ante

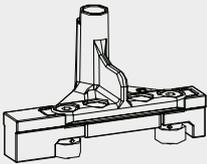
Vista dall'interno



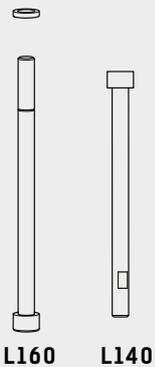
7.1



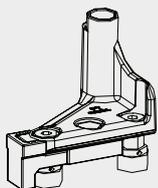
M VR10828



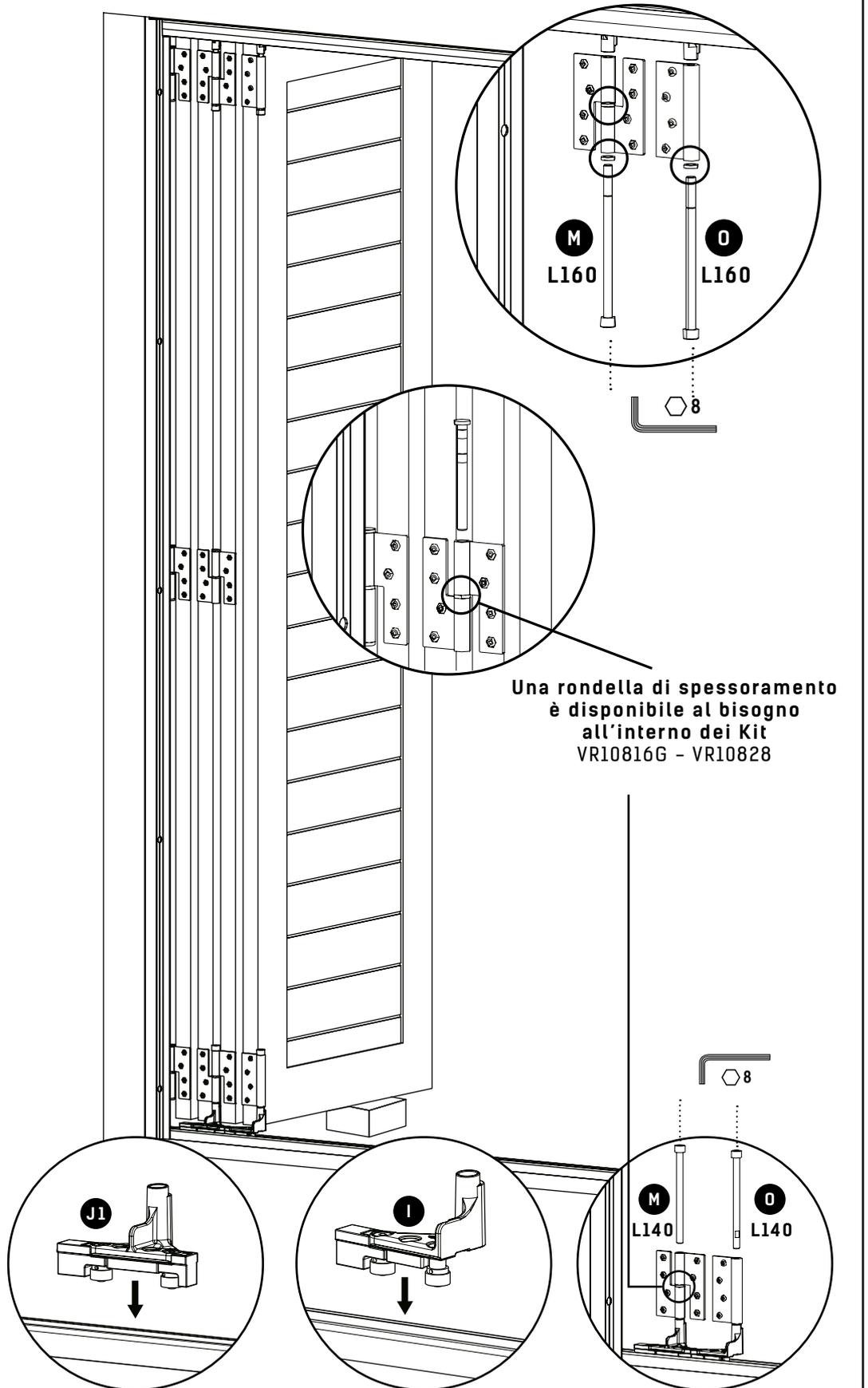
J1 VR10800G



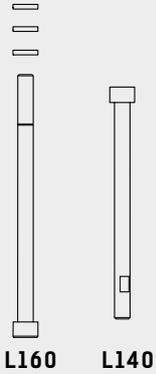
O VR10818



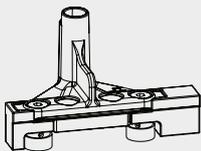
I1 VR10400G



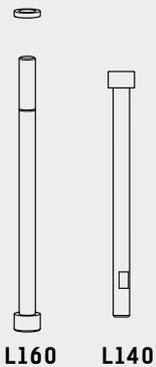
7.2



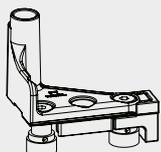
M VR10828



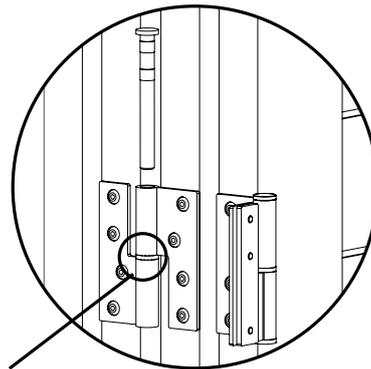
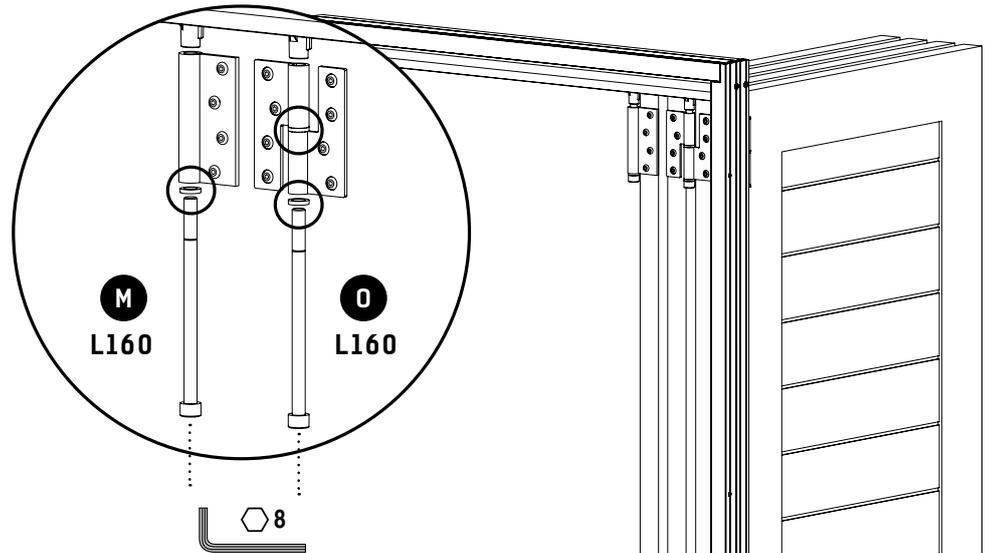
J2 VR10801D



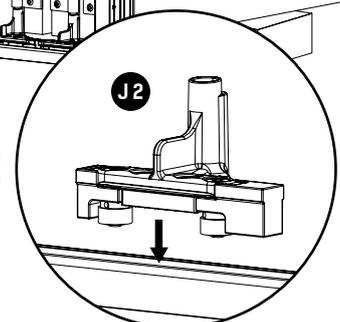
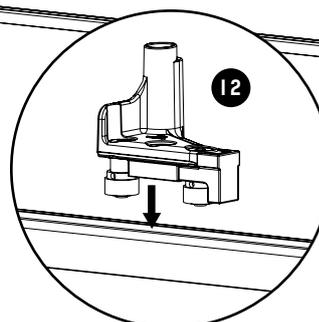
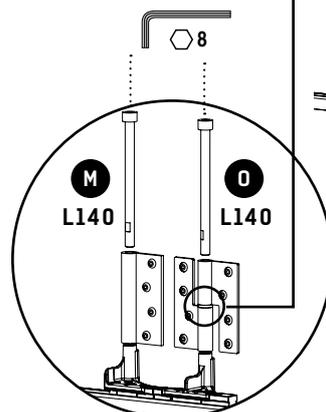
O VR10818



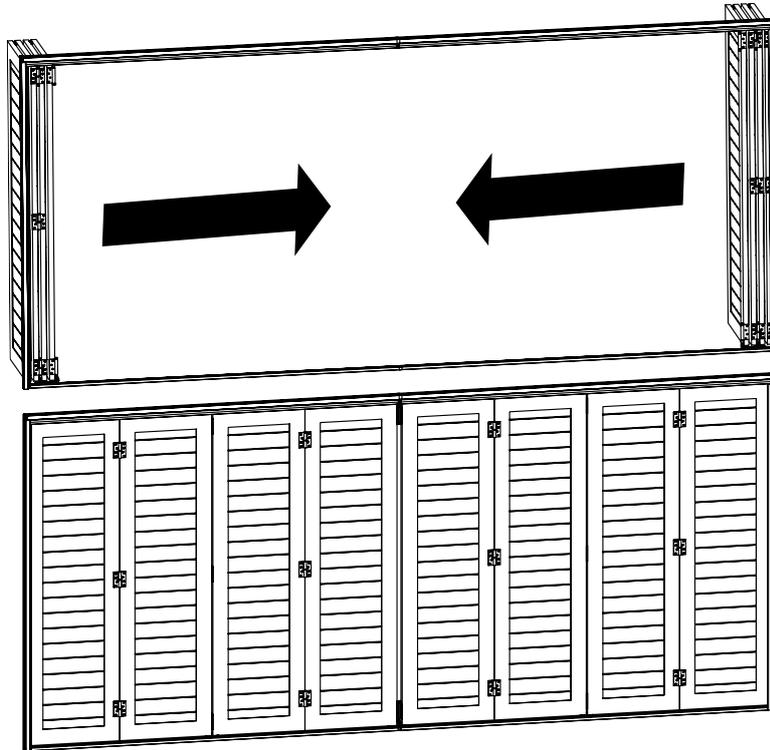
I2 VR10500D



Una rondella di spessoramento
è disponibile al bisogno
all'interno dei Kit
VR10816G - VR10828



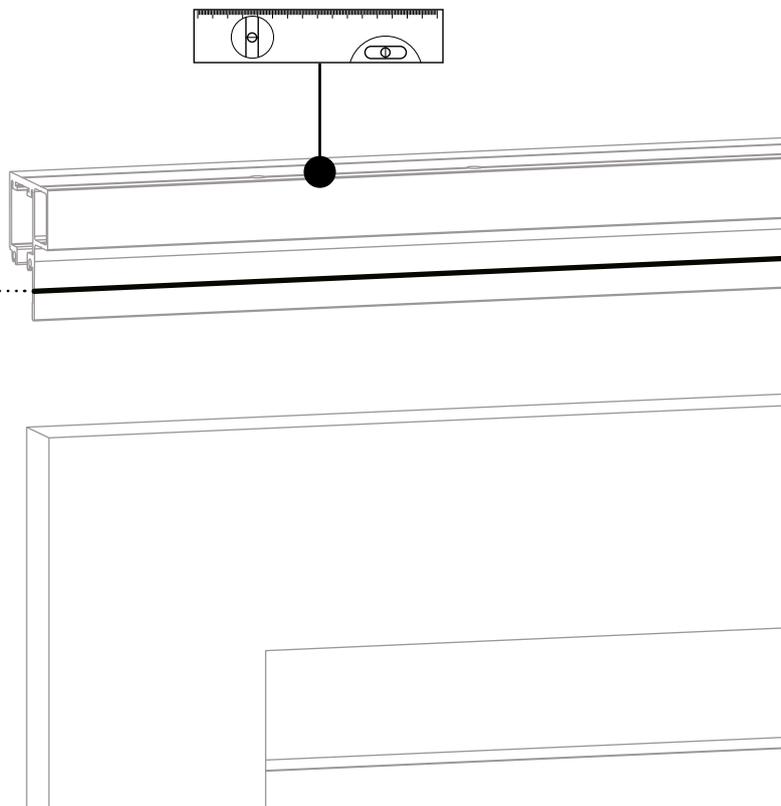
8.1

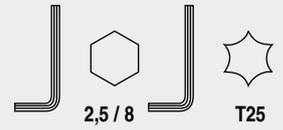


8.2



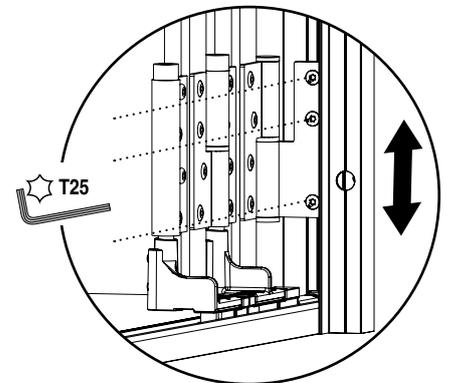
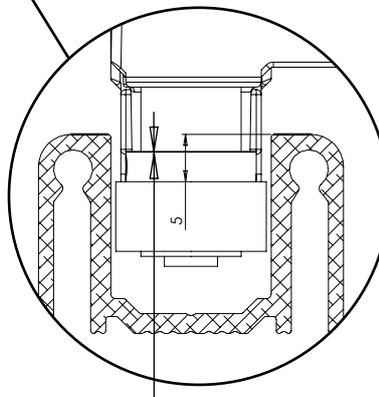
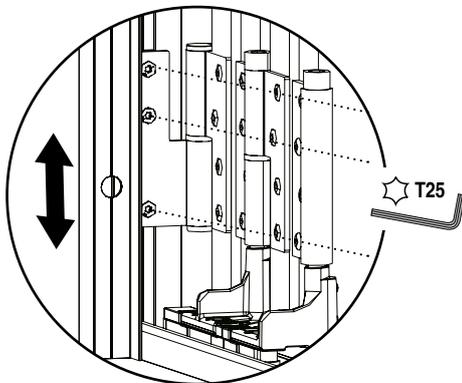
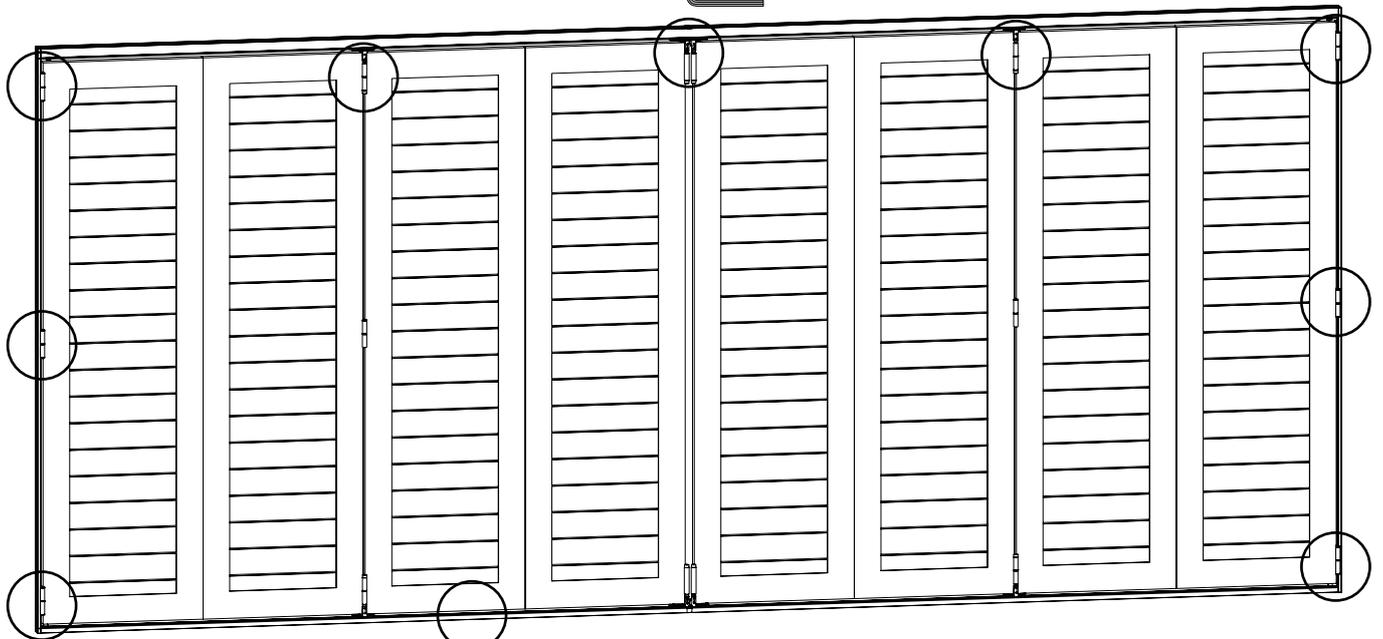
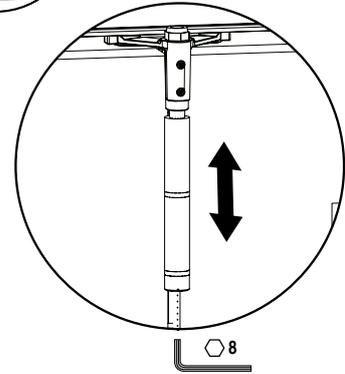
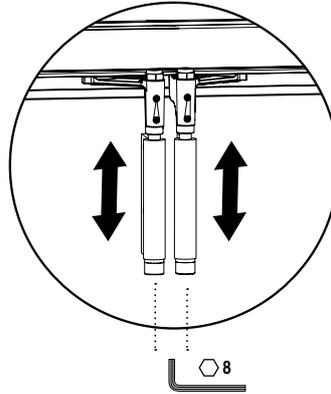
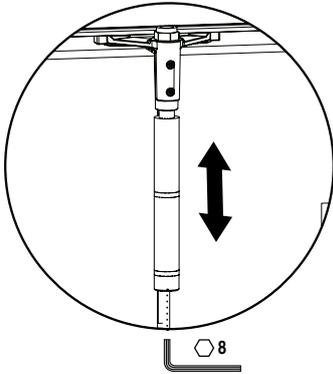
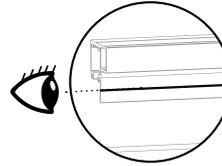
Individuare la linea sul profilo, permetterà di posizionare correttamente le ante orizzontalmente.





8.3

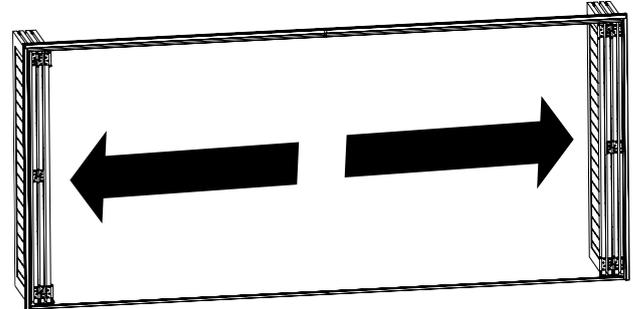
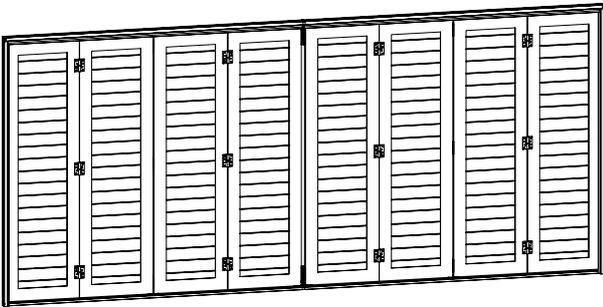
Vista dall'esterno



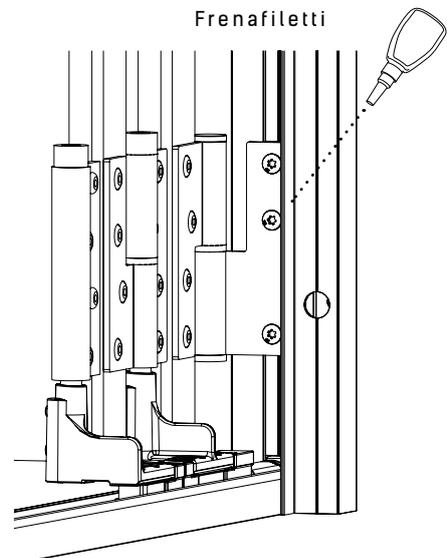
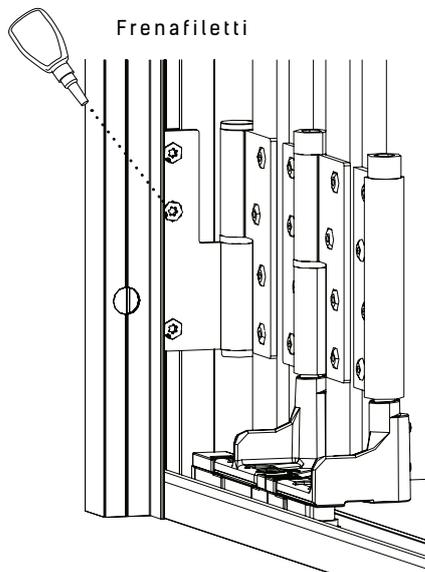
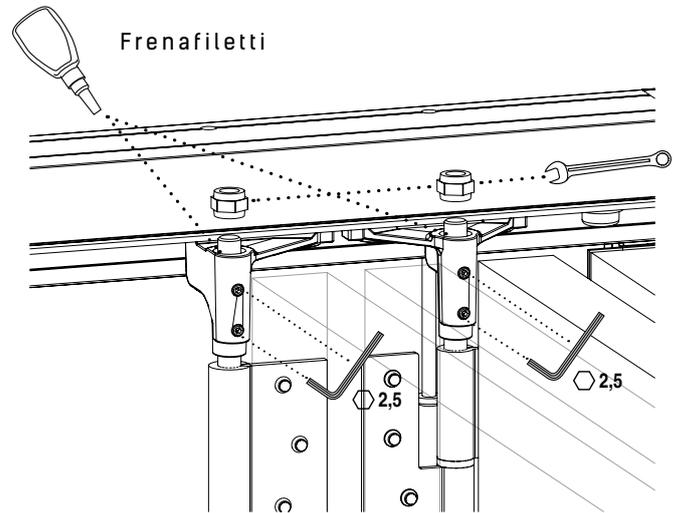
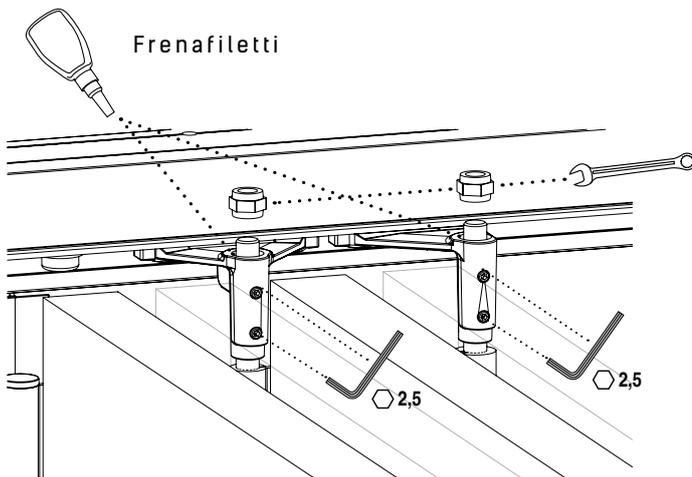
Verificare che la parte alta della ruota sia inserita di 5 mm nel binario per garantire una presa ottimale.



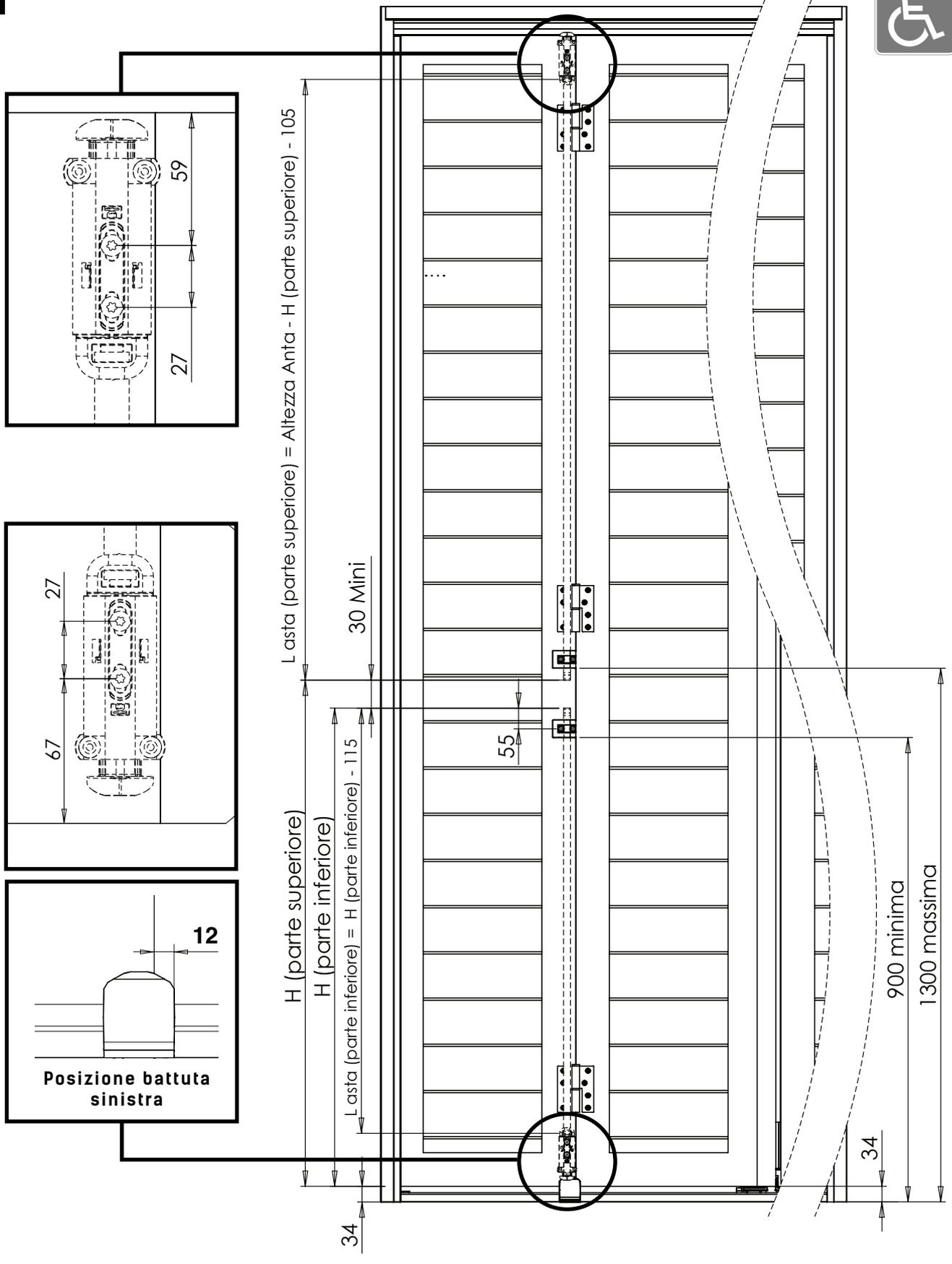
8.4



Fissaggio di sicurezza

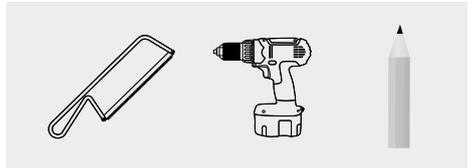


9.1

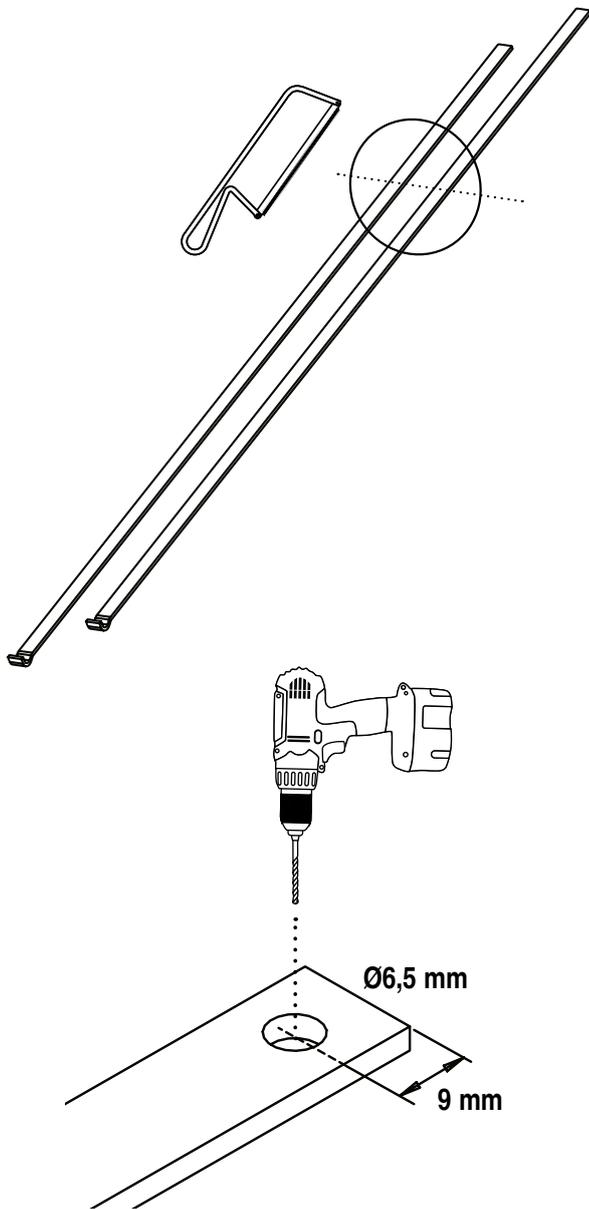
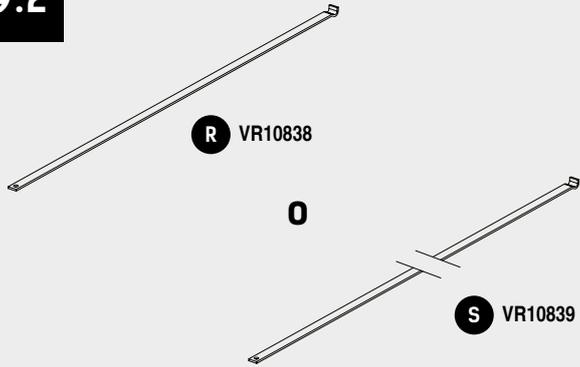


9

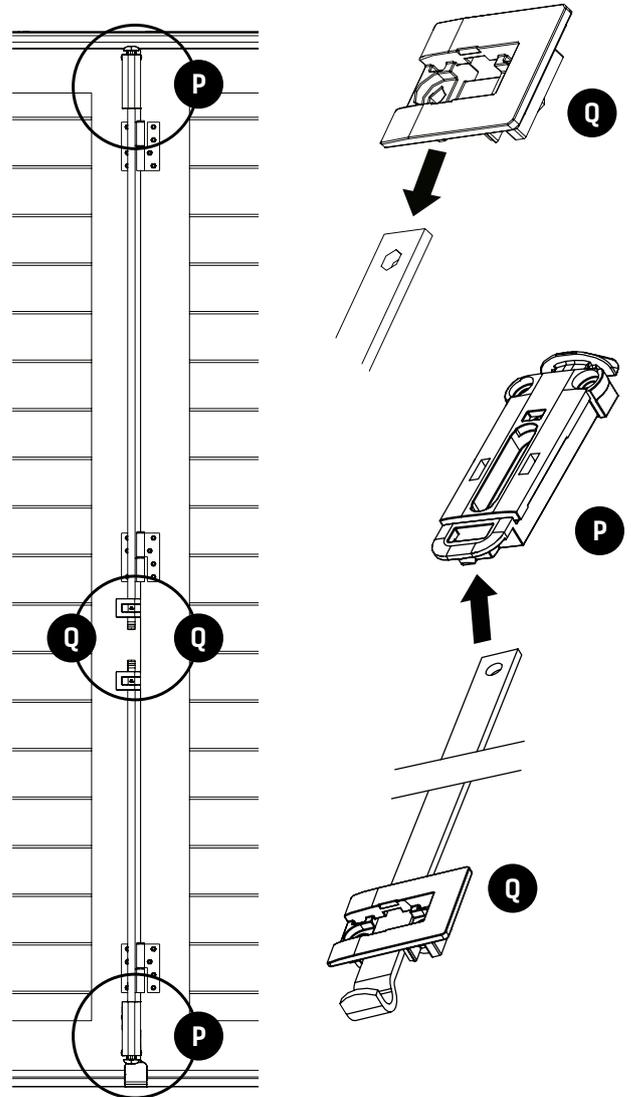
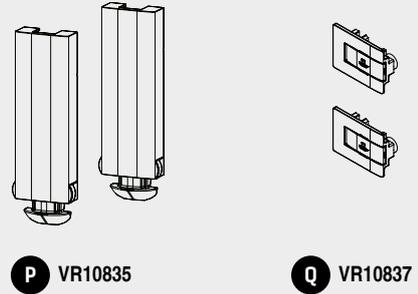
Montaggio del chiavistello e della battuta



9.2

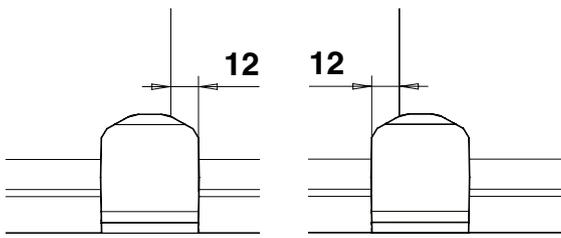
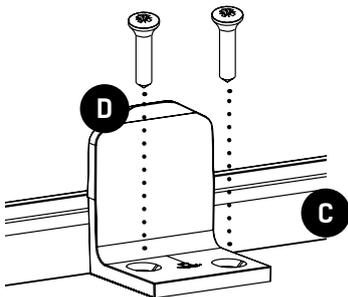
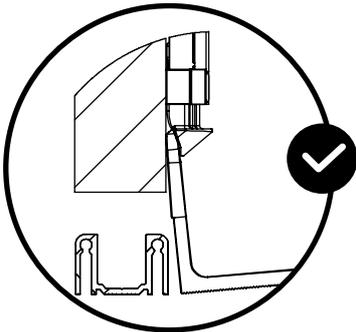
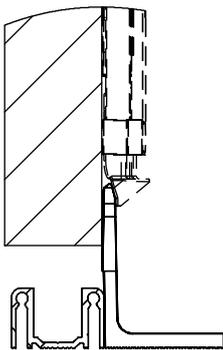
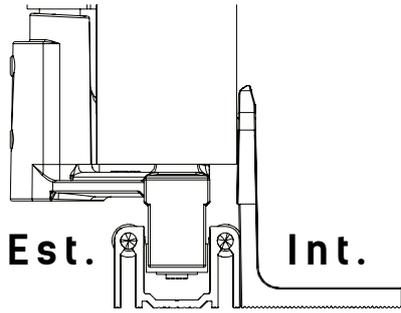


9.3



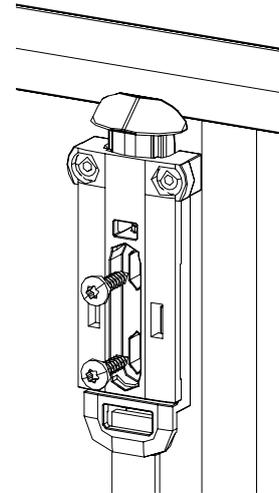
9

Montaggio del chiavistello e della battuta

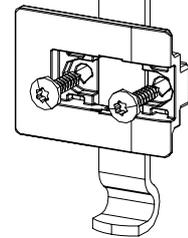


Posizione battuta sinistra

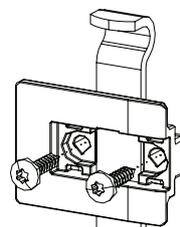
Posizione battuta destra



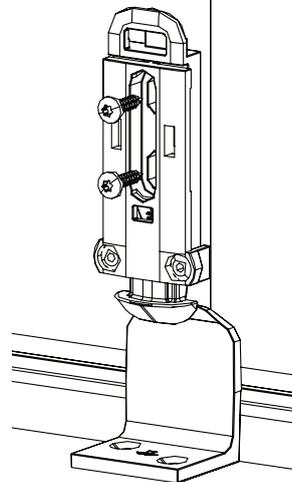
Q



P



P



Q

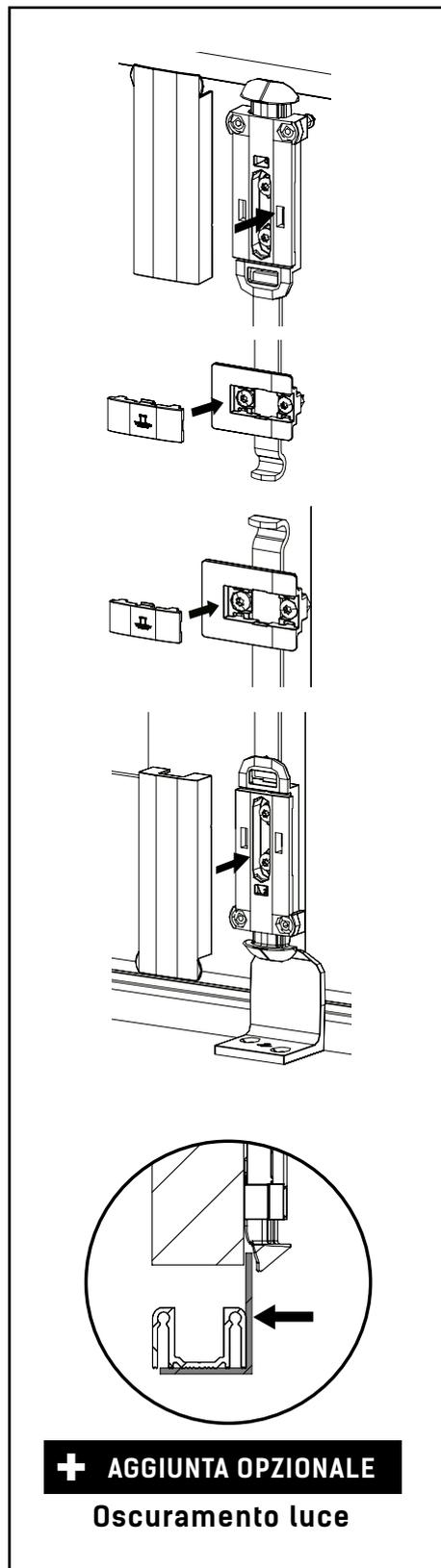
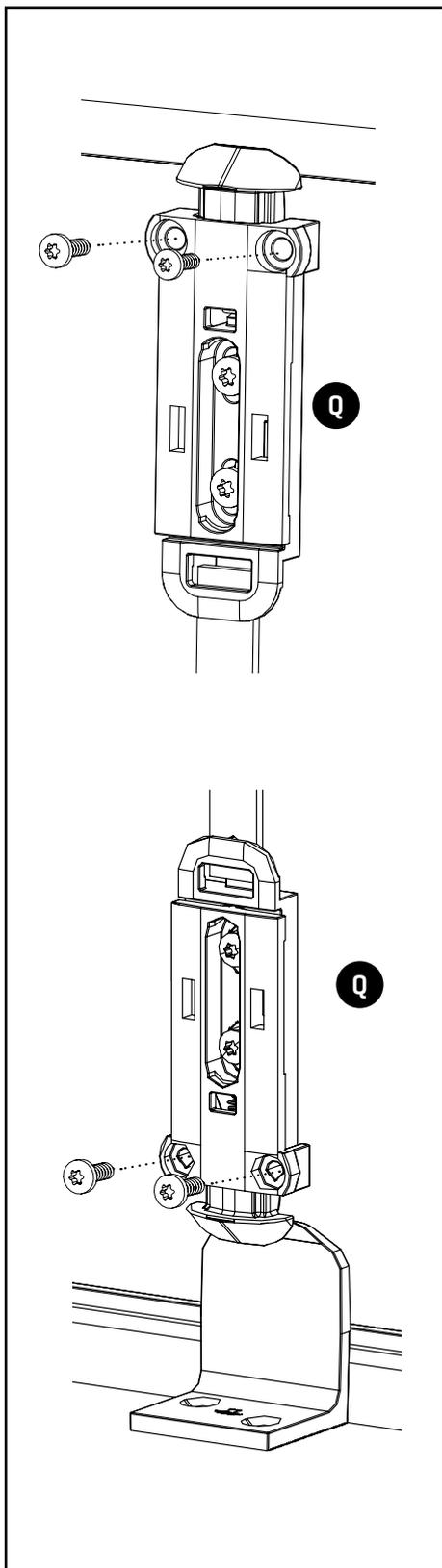
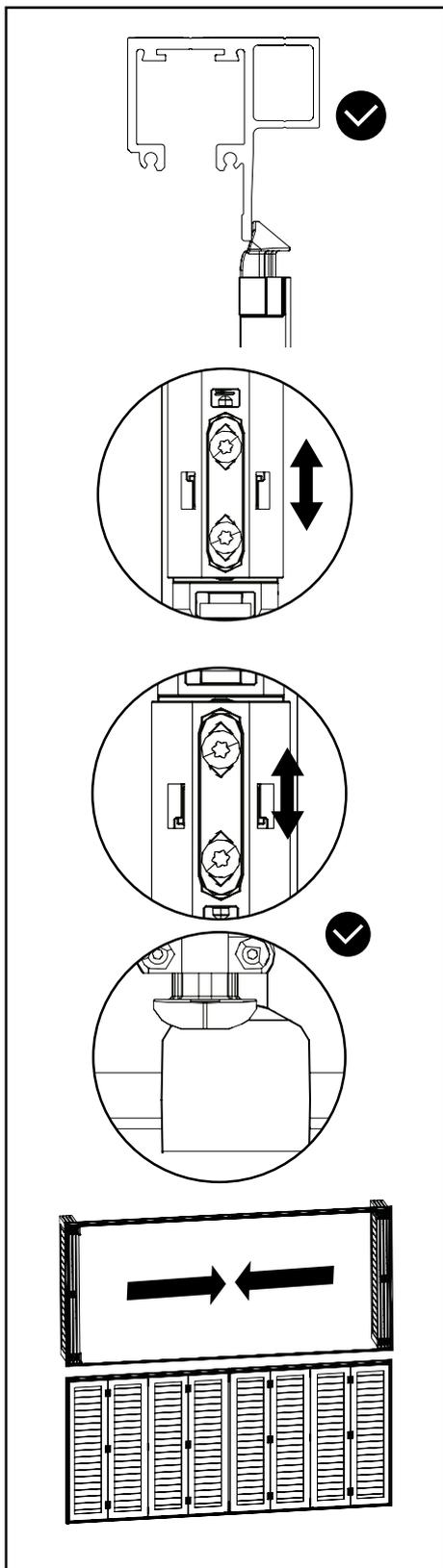
D

9

Montaggio del chiavistello e della battuta

Configurazione
4 + 4

EST.
INT.



+ AGGIUNTA OPZIONALE
Oscuramento luce

✓ L'installazione è completata !

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