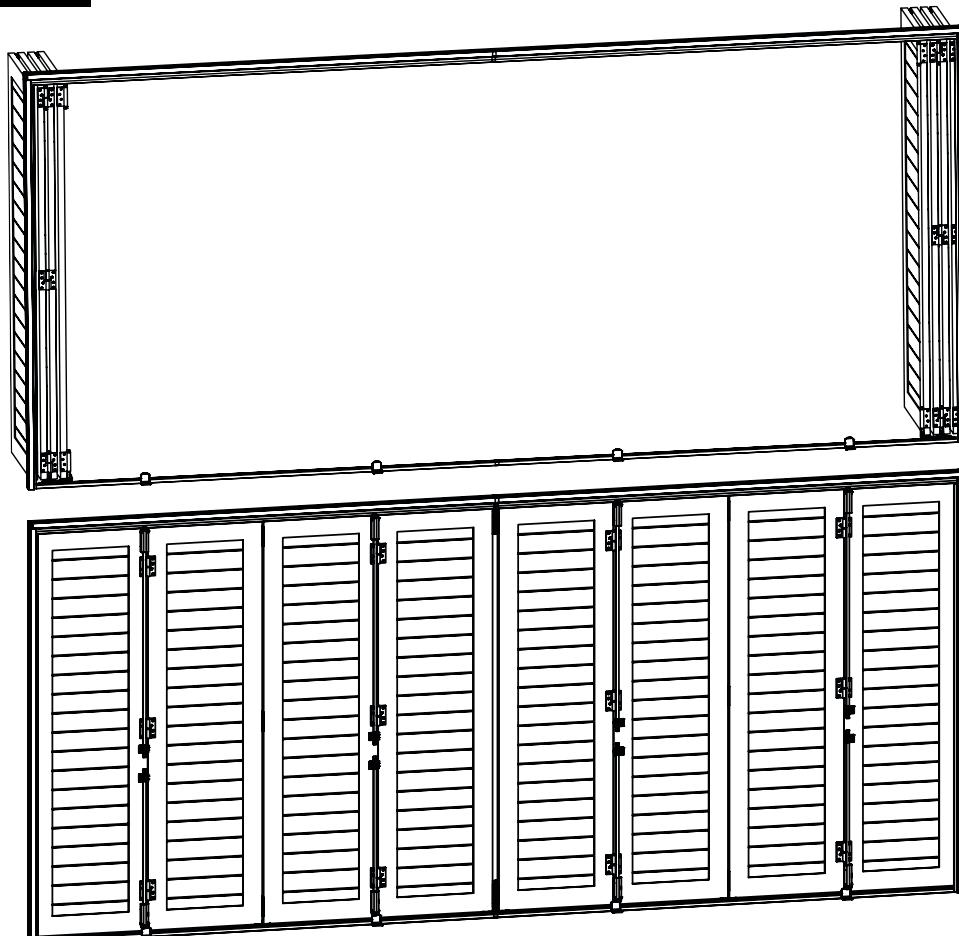




Istruzioni di posa



Vista dall'interno

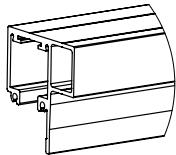


Gamma VCP300

Ferramenta per persiane scorrevoli ripieghevoli
Per configurazione 4+4

Componenti

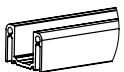
PROFILI E ACCESSORI PER TELAIO IN ALLUMINIO



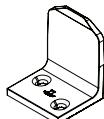
A VR10906



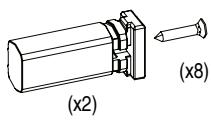
B VR10917



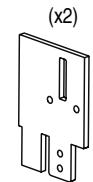
C VR10926



D VR10930



E VR10830



OPZIONE
senza lavorazione
CNC

T VR10918

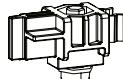
SCORRIMENTO SUPERIORE



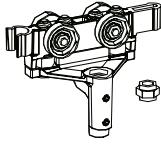
F1 VR10100G



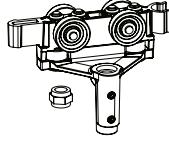
F2 VR10200D



G VR10300

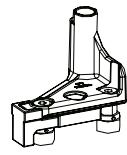


H1 VR10700G



H2 VR10600D

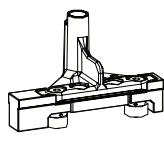
SCORRIMENTO INFERIORE/UNTERE FÜHRUNG



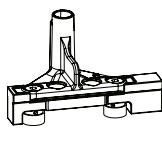
I1 VR10400G



I2 VR10500D

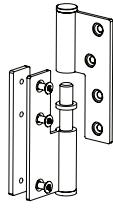


J1 VR10800G

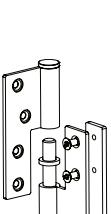


J2 VR10801D

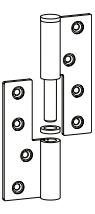
COLLEGAMENTO PROFILI/ANTE



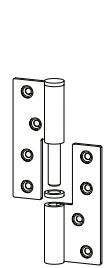
K1 VR10821G



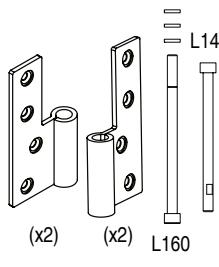
K2 VR10822D



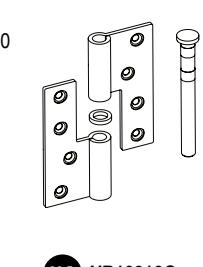
L1 VR10809G



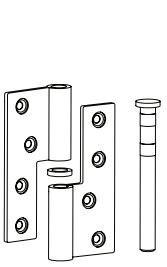
L2 VR10810D



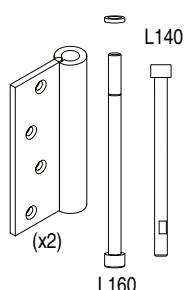
M VR10828



N1 VR10816G

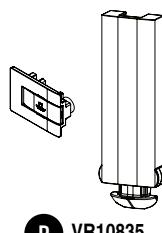


N2 VR10817D

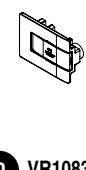


O VR10818

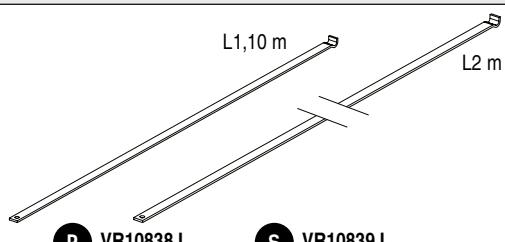
CHIUSURA



P VR10835



Q VR10837



R VR10838J

S VR10839J

Descrizione

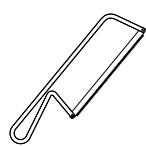
Codice Conf.			H anta < 1800 mm	1800 <= H anta > 2800 mm	2800 <= H anta > = 3000 mm
			4+4	4+4	4+4
			Unità	Unità	Unità
PROFILO E ACCESSORI PER TELAIO IN ALLUMINIO					
A	BINARIO SUPERIORE IN ALLUMINIO 6M	VR10906	9	1	1
B	PROFILO TELAIO LATERALE CON BATTUTA IN ALLUMINIO 6 M	VR10917	9	1	1
C	GUIDA A U INFERIORE IN ALLUMINIO 6M	VR10926	9	1	1
D	BATTUTA INFERIORE ZAMA PER GUIDA A U INFERIORE	VR10930	1	4	4
E	KIT 2 BATTUTE FISSE NYLON PER GUIDA INFERIORE + VITI	VR10830	1	1	1
T	KIT 2 PIASTRE DI GIUNZIONE PER CONTROTEL	OPZIONE senza lavorazione CNC	VR10918	1	1
SCORRIMENTO SUPERIORE					
F1	CARRELLO SUPERIORE ESTERNO SINISTRO VISTA INTERNA	VR10100G	1	1	1
F2	CARRELLO SUPERIORE ESTERNO DESTRO VISTA INTERNA	VR10200D	1	1	1
G	BATTUTA CARRELLO SUPERIORE NYLON	VR10300	1	2	2
H1	CARRELLO SUPERIORE CENTRALE SINISTRO ZAMA	VR10700G	1	1	1
H2	CARRELLO SUPERIORE CENTRALE DESTRO ZAMA	VR10600D	1	1	1
SCORRIMENTO INFERIORE					
I1	SLITTA INFERIORE TERMINALE SINISTRA VISTA INTERNA	VR10400G	1	1	1
I2	SLITTA INFERIORE TERMINALE DESTRA VISTA INTERNA	VR10500D	1	1	1
J1	SLITTA INFERIORE CENTRALE SINISTRA VISTA INTERNA	VR10800G	1	1	1
J2	SLITTA INFERIORE CENTRALE DESTRA VISTA INTERNA	VR10801D	1	1	1
COLLEGAMENTO PROFILI/ANTE					
K1	POMELLA PER TELAIO DESTRA VISTA INTERNA	VR10821G	1	2	3
K2	POMELLA PER TELAIO SINISTRA VISTA INTERNA	VR10822D	1	2	3
L1	POMELLA CENTRALE PIATTA SINISTRA	VR10809G	1	4	6
L2	POMELLA CENTRALE PIATTA DESTRA	VR10810D	1	4	6
M	2 SET DI 2 MEZZE POMELLE CARRELLO CENTRALE + VITI	VR10828	1	2	2
N1	POMELLA CENTRALE DI MEZZO SINISTRA + PERNO AMOVIBILE + RONDELLE	VR10816G	1	-	1
N2	POMELLA CENTRALE DI MEZZO DESTRA + PERNO AMOVIBILE + RONDELLE	VR10817D	1	-	1
O	2 MEZZE POMELLE TERMINALI + VITI	VR10818	1	2	2
CHIUSURA					
P	KIT CHIAVISTELLO PIATTO + GUIDA ASTA NYLON NERO	VR10835	10	8	8
Q	GUIDA ASTA + MANIGLIETTA ERGONOMICA NYLON NERO	VR10837	10	-	8
R	ASTA ALLUMINIO 1,10M PER CHIAVISTELLO PIATTO	VR10838J	10	8	8
S	ASTA ALLUMINIO 2M PER CHIAVISTELLO PIATTO	VR10839J	10	-	4

INFORMAZIONI

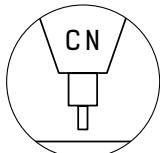
Attrezzi Necessari



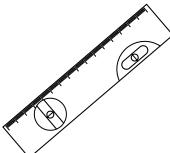
Sega circolare



Seghetto per metallo



Lima



Livella



Trapano / Avvitatore

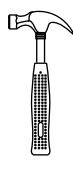


Punta per metallo

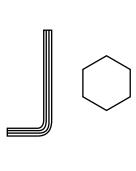
Ø13 mm
Ø10 mm
Ø7 mm
Ø4,5 mm



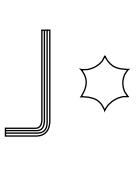
Cacciavite



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).

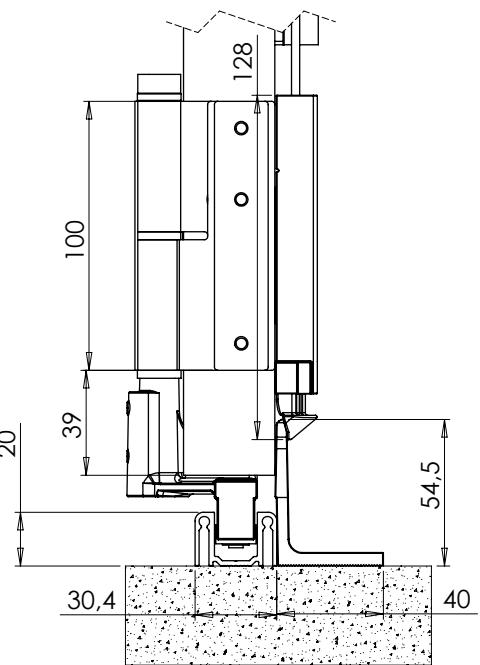
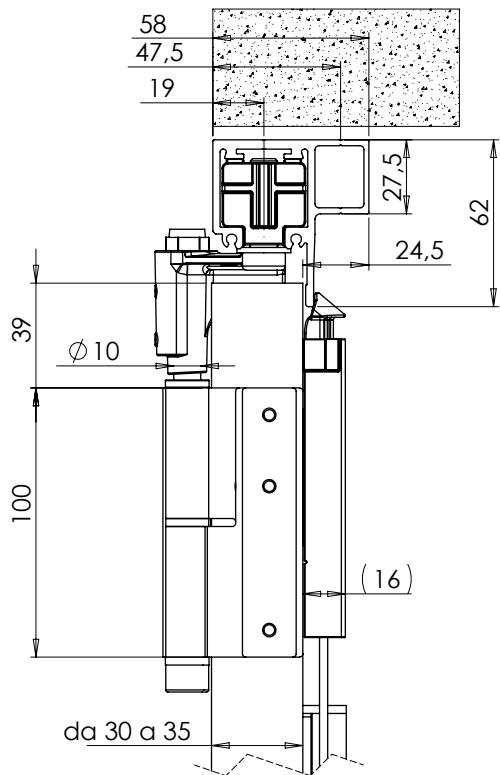
Verificare regolarmente la viteria, stringere o sostituire al bisogno.

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.

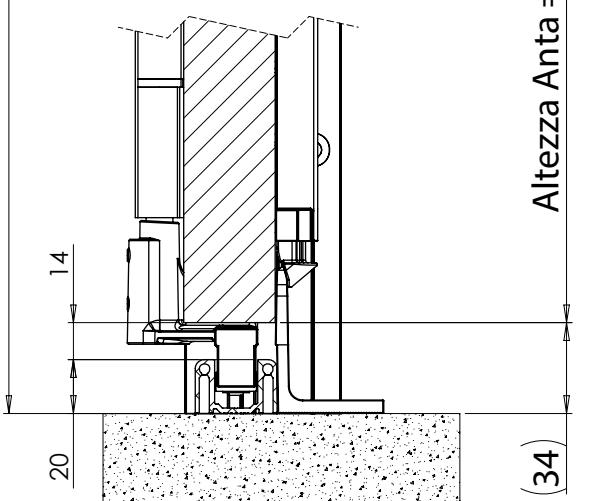
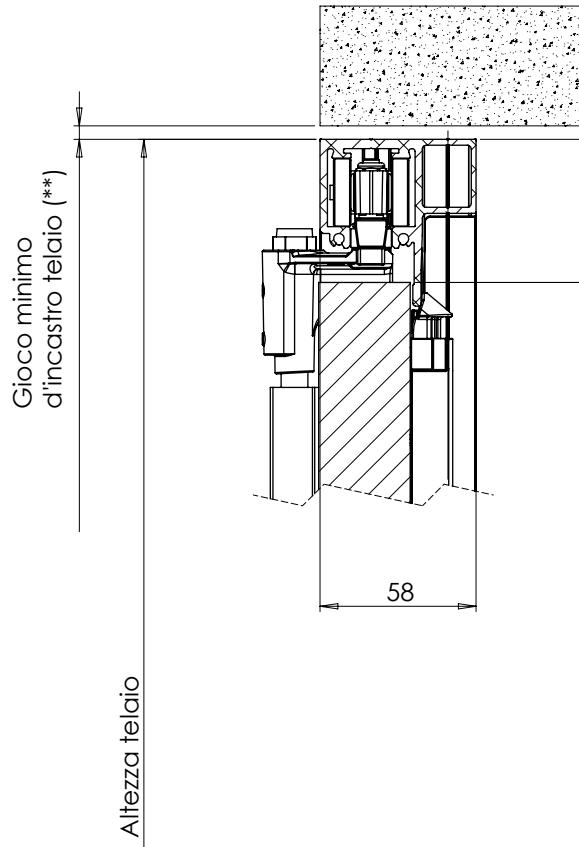
Sezione verticale

Altezza Anta = Altezza telaio - 87 mm



Lato esterno

Lato interno



Lato esterno

(34)

Altezza Anta = Altezza telaio - 87 mm

53 ±4

58

Gioco minimo
d'incastro telaio (**)

Altezza telaio

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

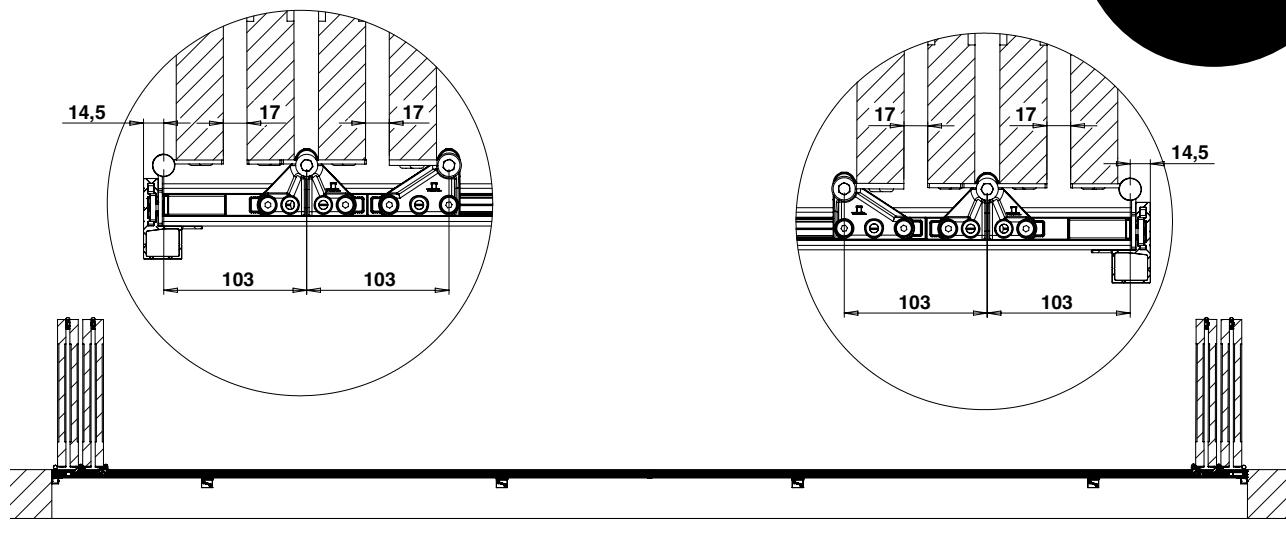
Sezione orizzontale

Configurazione

4 + 4

EST.

INT.



INTERNO

Larghezza anta =
 $(L - J^{\circ}-95 \text{ mm}) / 8$

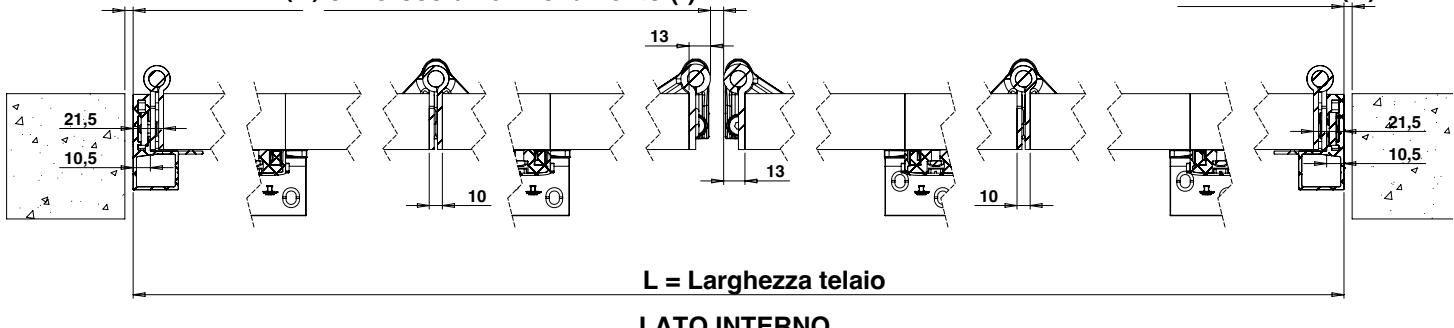
LATO ESTERNO



LATO INTERNO

LATO ESTERNO

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



**Gioco minimo
di incastro telaio (**)**

L = Larghezza telaio

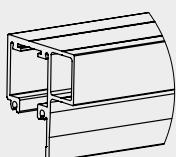
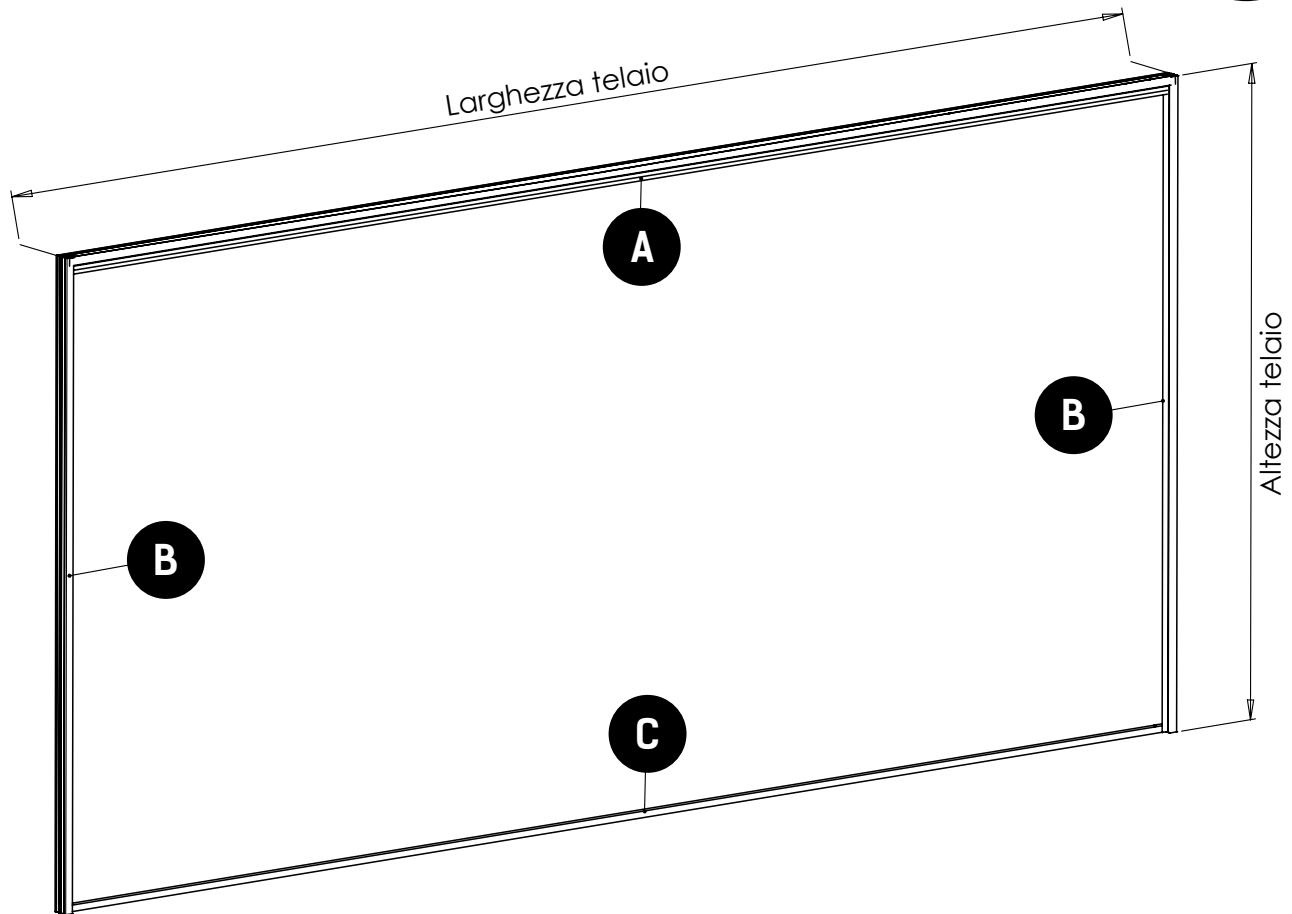
LATO INTERNO

(*) 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 => 5 mm, 400 mm => 6.5 mm, 300 mm => 8.5 mm, 200 mm => 13 mm.

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

1 Lavorazione dei profili



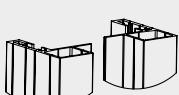
A VR10906

Lunghezza binario superiore =
Larghezza del telaio - 21 mm



B VR10917

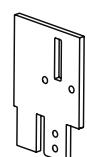
Lunghezza profilo telaio laterale =
Altezza telaio



B VR10917

OPZIONE senza lavorazione CNC

Con piastre di giunzione



Lunghezza profilo telaio laterale =
Altezza telaio - 62 mm



C VR10926

Lunghezza guida inferiore =
Larghezza del telaio - 21 mm

2

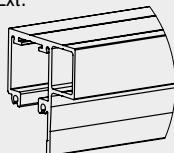
Foratura e lavorazione dei profili

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

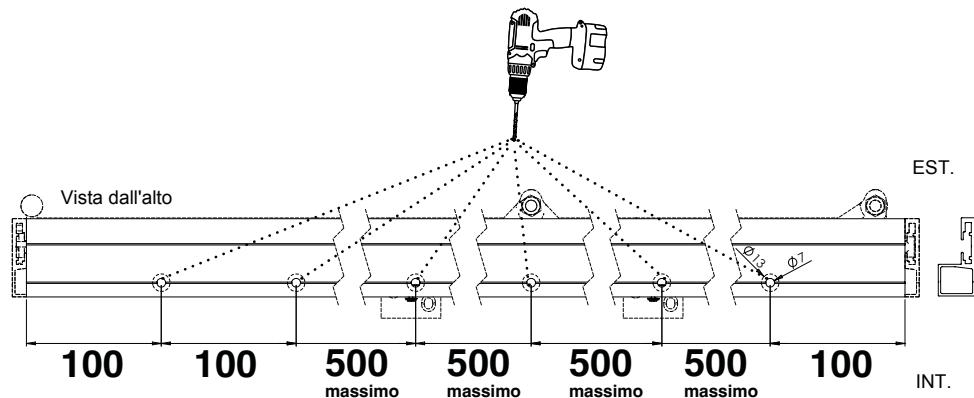


2.1

Ext.

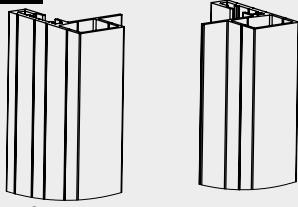


A VR10906

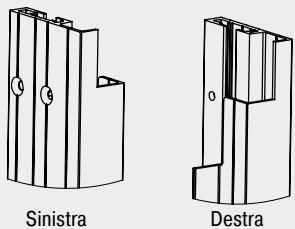


2.2

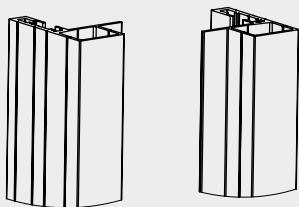
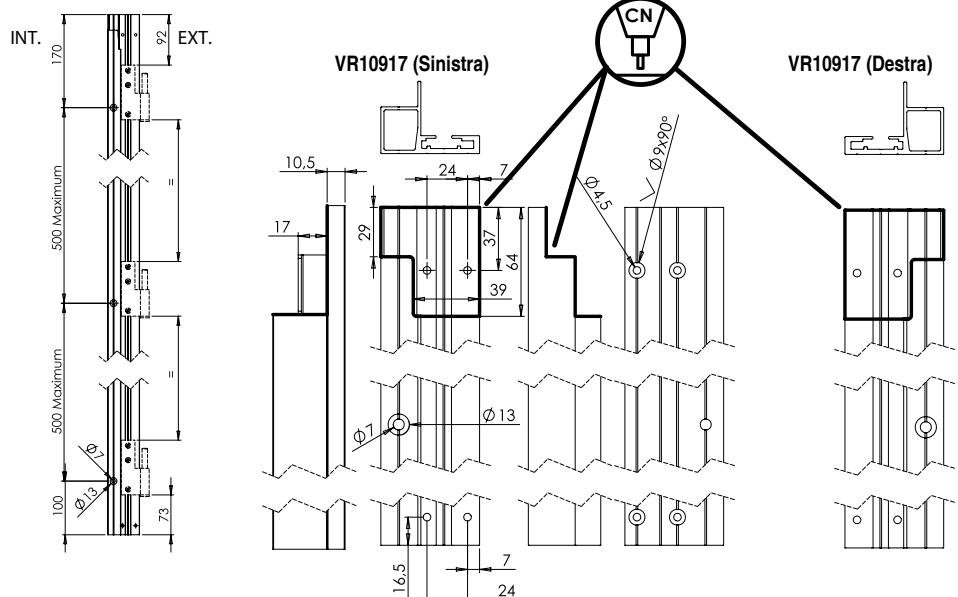
Prima della lavorazione



Dopo della lavorazione

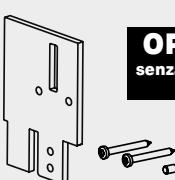


B VR10917



B VR10917

OPZIONE
senza lavorazione CNC

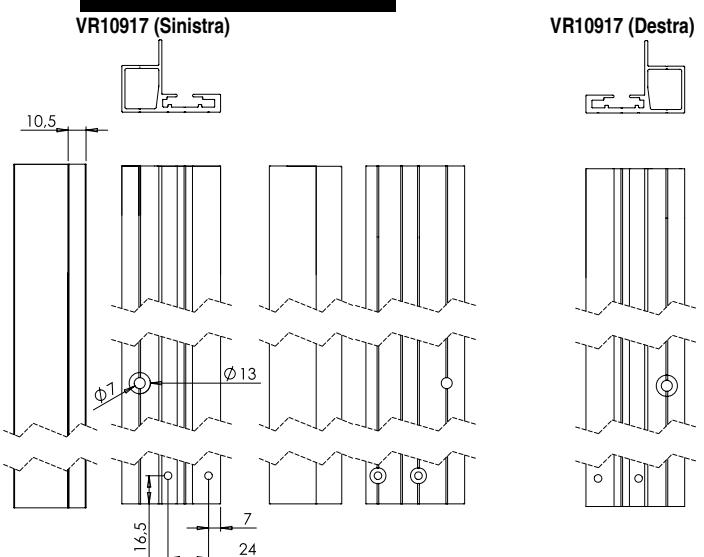


T VR10918

O

OPZIONE senza lavorazione CNC

VR10917 (Sinistra)

**Con piastre di giunzione**

VR10917 (Destra)

2

Foratura e lavorazione dei profili

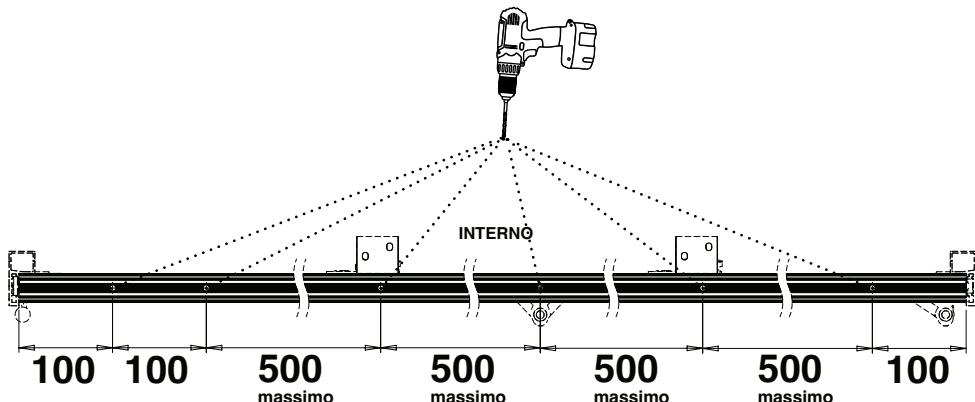
I punti di fissaggio devono essere a livello
dei singoli punti.



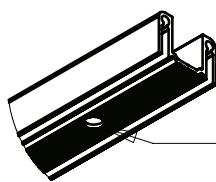
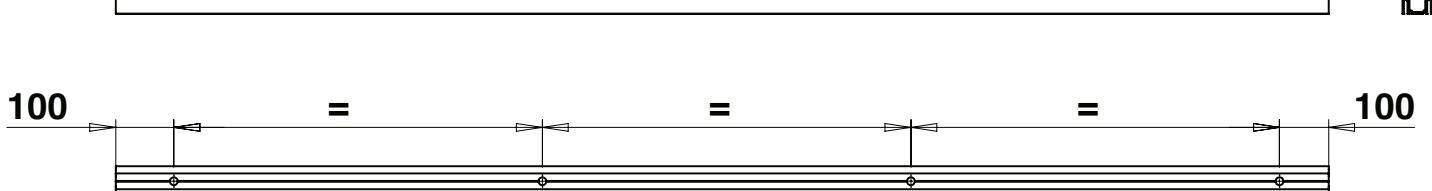
2.3



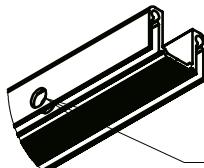
C VR10926



Drenaggio del binario di guida inferiore



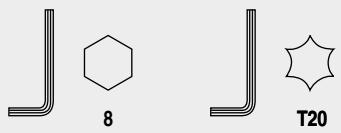
Drenaggio verticale Ø8



**Drenaggio orizzontale Ø8
(orientato verso l'esterno)**

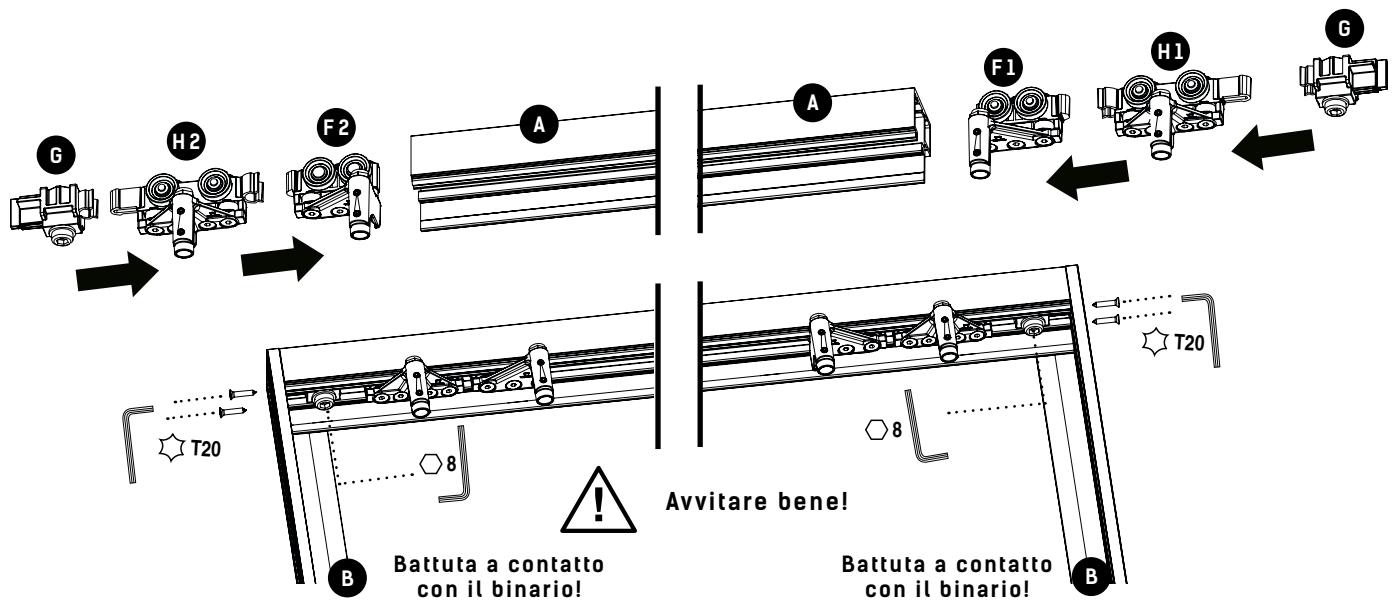
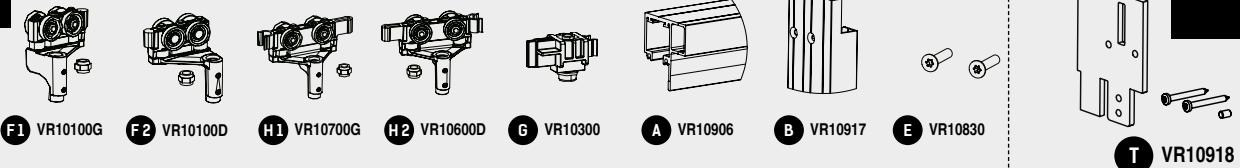
3 Montaggio del telaio

Configurazione
4 + 4
EST.
INT.



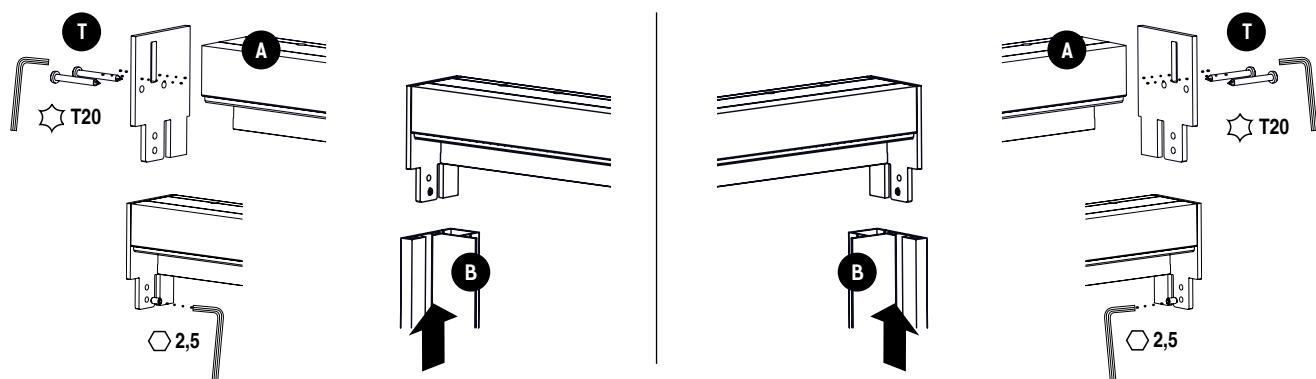
Per facilitare il montaggio e permettere la posa a terra del telaio,
i passaggi qui di seguito sono orientati con vista dall'esterno.

3.1

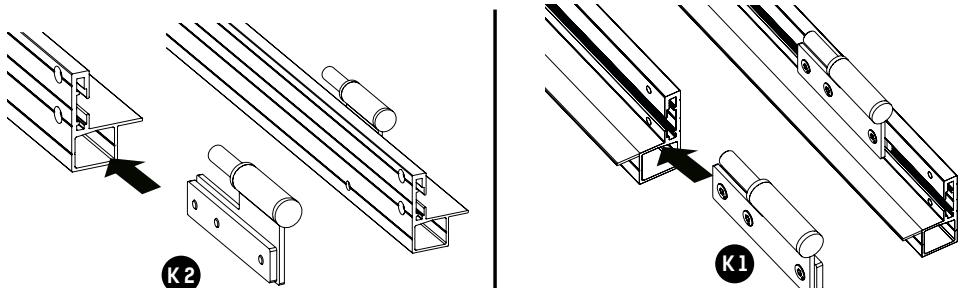
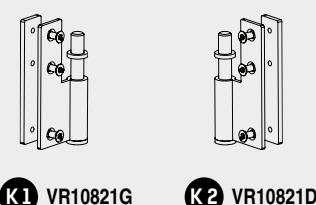


OPZIONE senza lavorazione CNC

Con piastre di giunzione

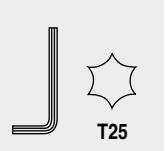


3.2

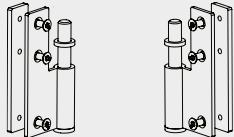


3 Montaggio del telaio

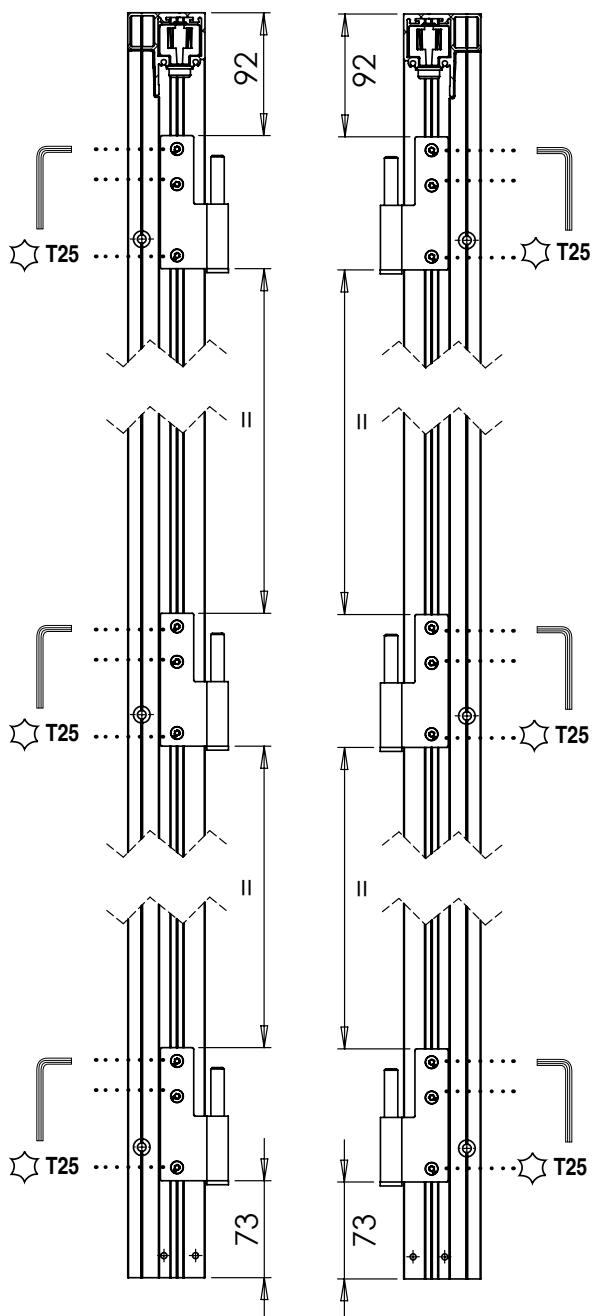
Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

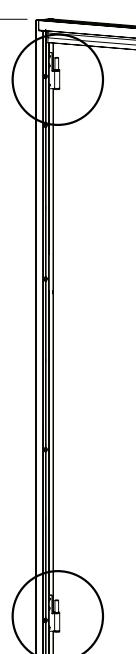
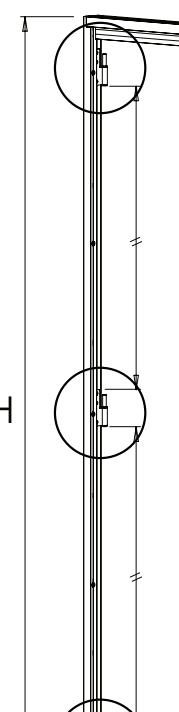
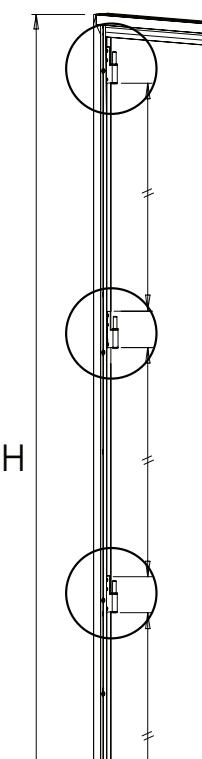


3.3



K1 VR10821G K2 VR10821D

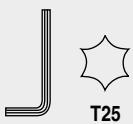


H	< 1800 mm	1800 mm <....> 2800 mm	> 2800 mm
			

3 Montaggio del telaio

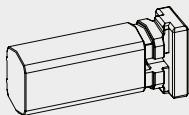
Configurazione
4 + 4

EST. INT.

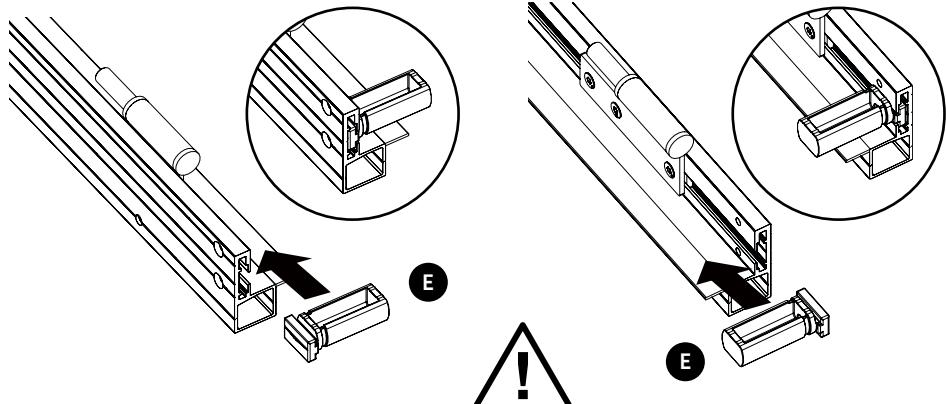


Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

3.4

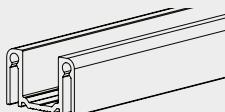


E VR10830



Attenzione al senso
di posa della battuta!

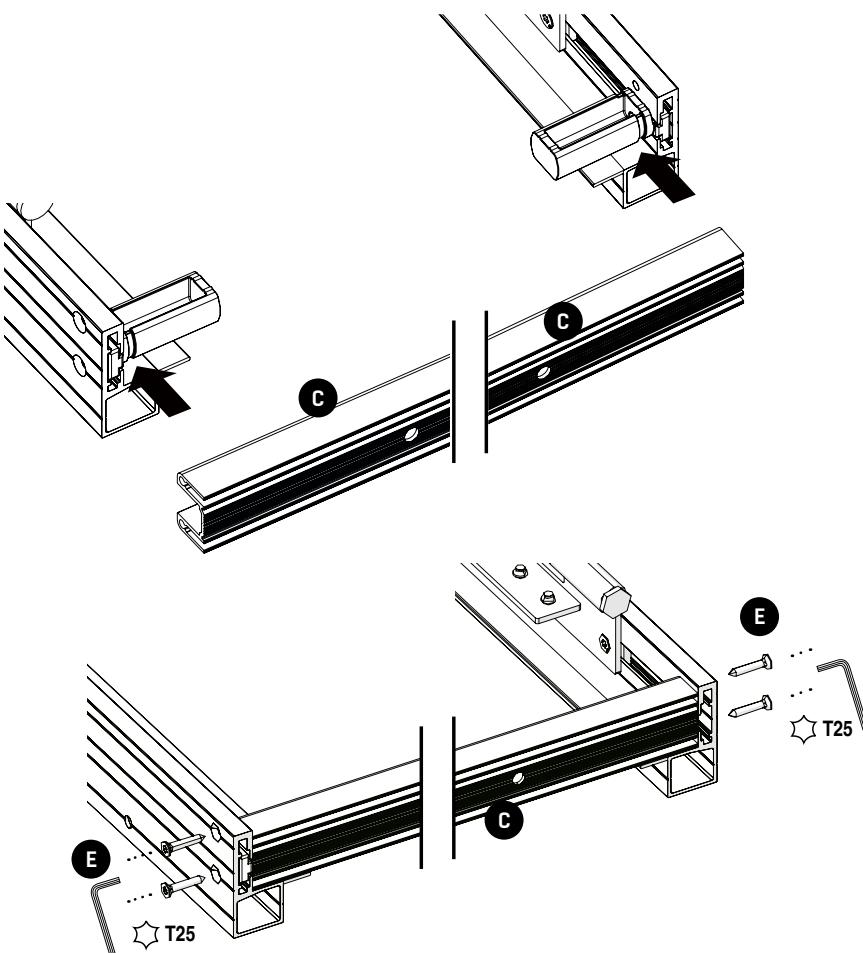
3.5



C VR10926



E VR10830



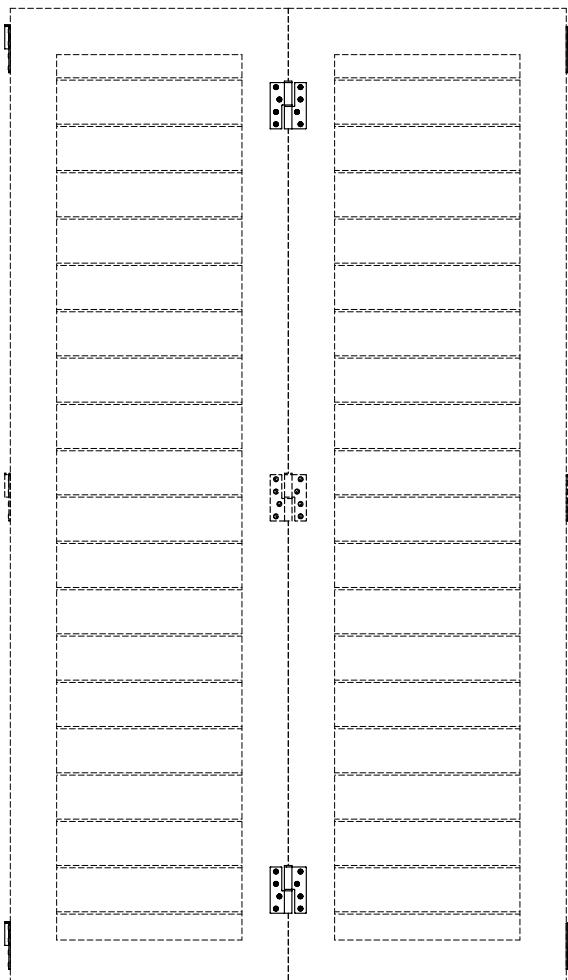
4

Preparazione delle ante

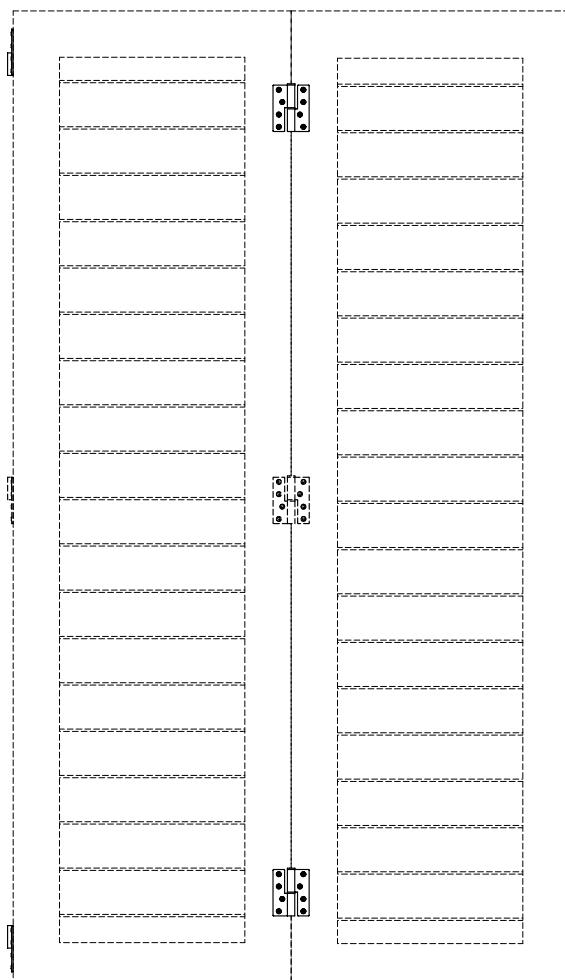
Vista dall'interno



**Primo paio
di ante**

**SINISTRA**

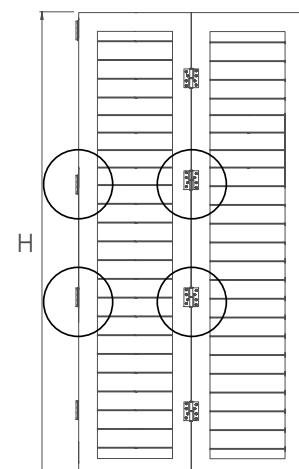
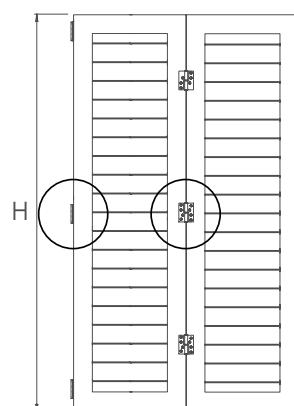
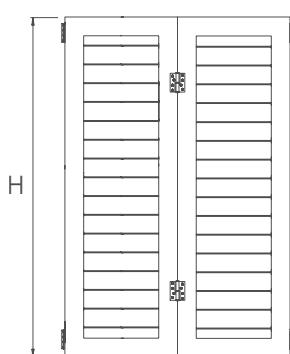
**Secondo paio
di ante**

**SINISTRA****H**

< 1800 mm

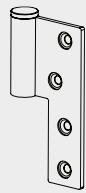
1800 mm <....> 2800 mm

> 2800 mm

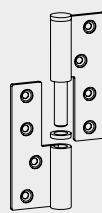




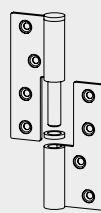
4.1



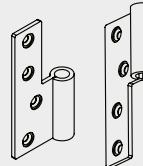
K1 VR10821G



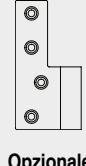
L1 VR10809G



L2 VR10810D



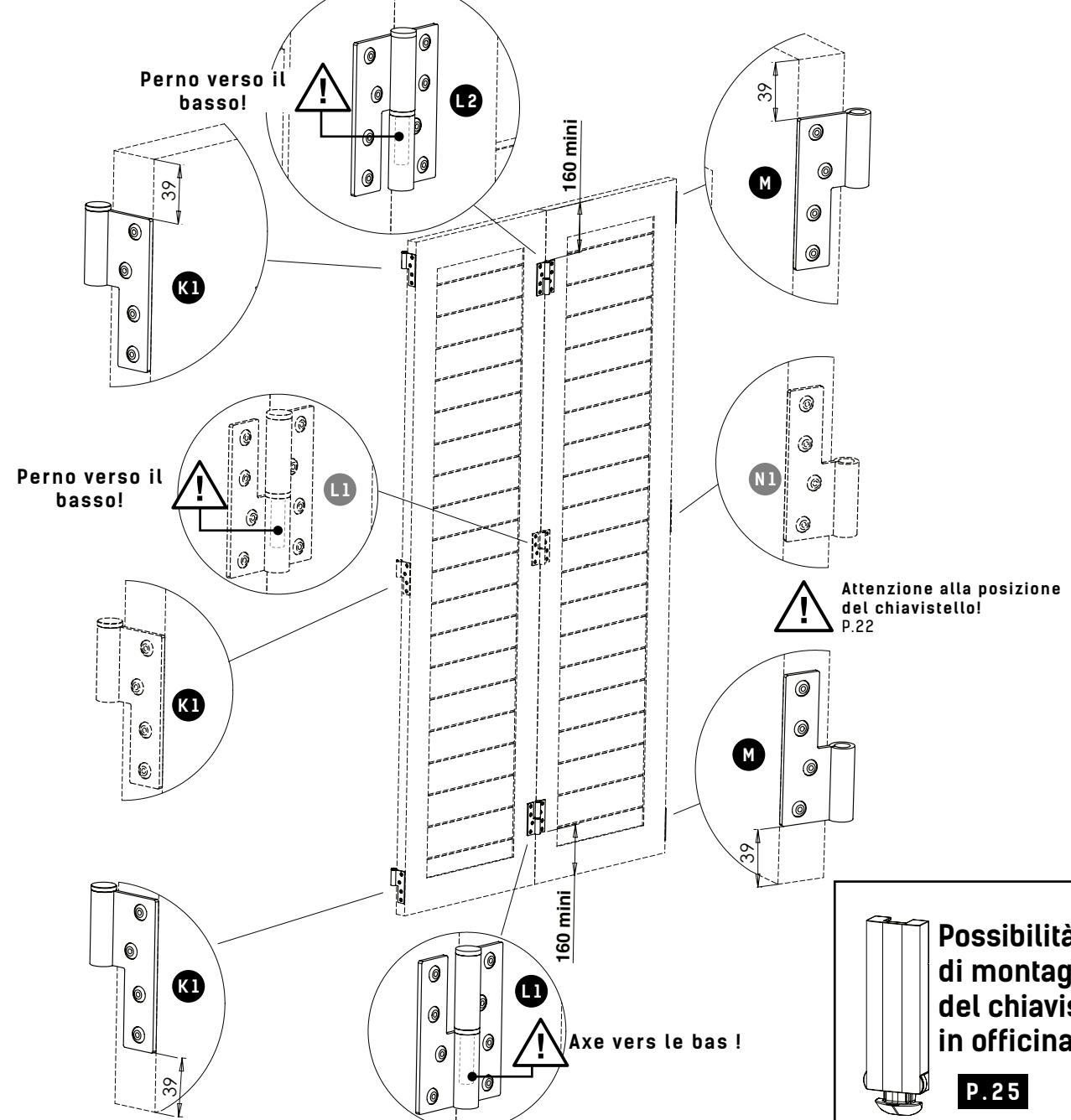
M VR10828



N1 VR10816G

Opzionale
se H > 1800 mm

Vista dall'interno



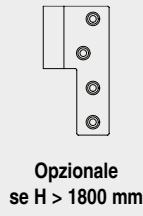
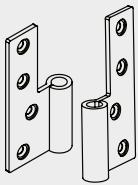
4

Preparazione delle ante Secondo paio

SINISTRA

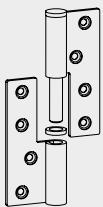


4.2

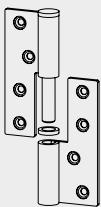


M VR10828

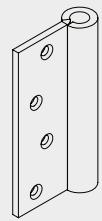
N1 VR10816G



L1 VR10809G

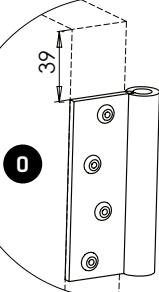
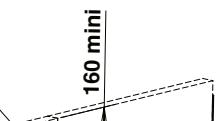
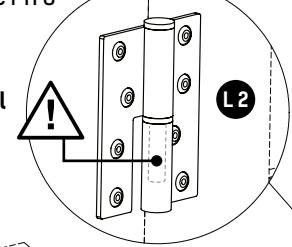
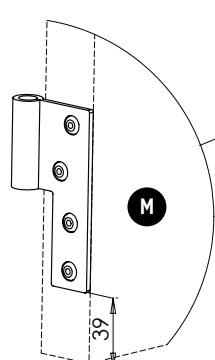
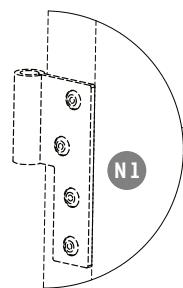
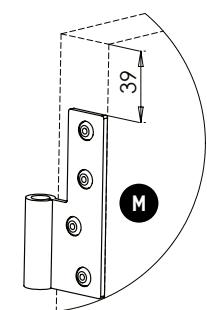
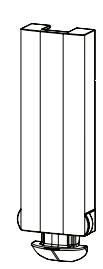
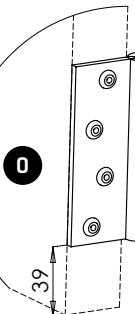
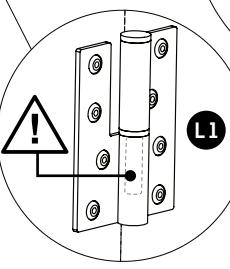


L2 VR10810D



O VR10818

Vista dall'interno

Perno verso il
basso!Perno verso il
basso!Attenzione alla posizione
del chiavistello!
P.22Perno verso il
basso!

Possibilità
di montaggio
del chiavistello
in officina

P.25

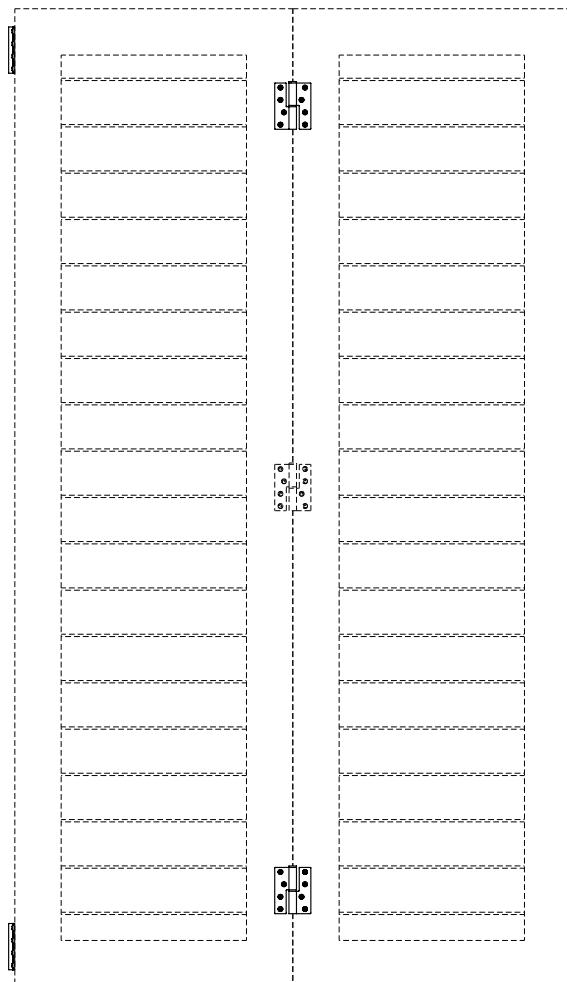
4

Preparazione delle ante

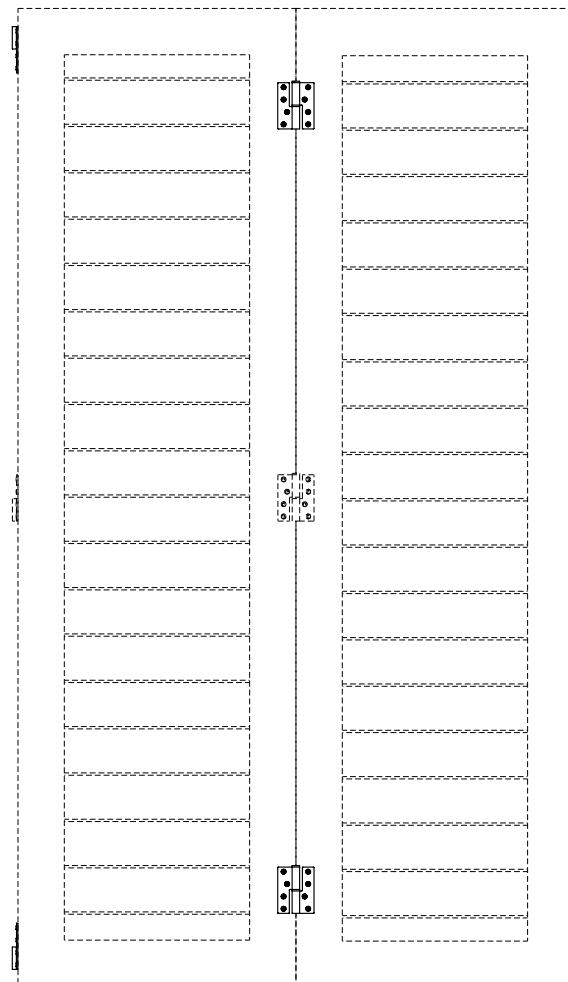
Vista dall'interno



Secondo paio di ante

**DESTRA**

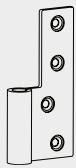
Primo paio di ante

**DESTRA**

H		
< 1800 mm	1800 mm <....> 2800 mm	> 2800 mm

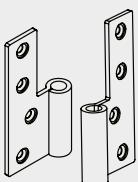


4.3

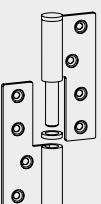


Opzionale
se H > 1800 mm

N2 VR10817D



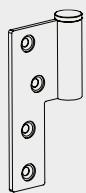
M VR10828



L1 VR10809G

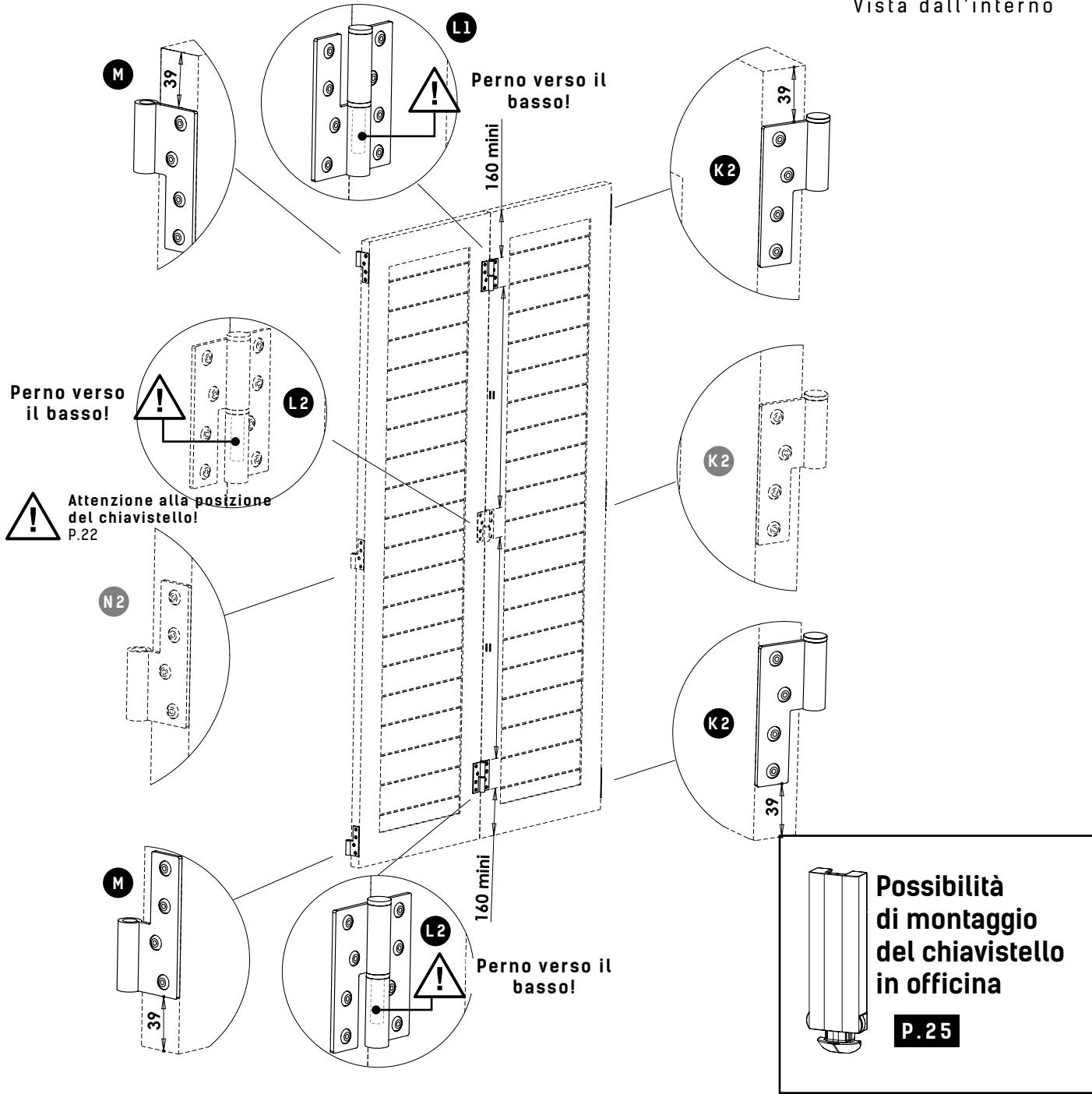


L2 VR10810D



K2 VR10822D

Vista dall'interno



4

Preparazione delle ante Secondo paio

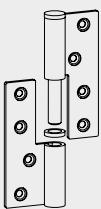
DESTRA



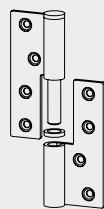
4.4



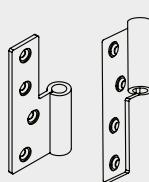
0 VR10818



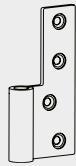
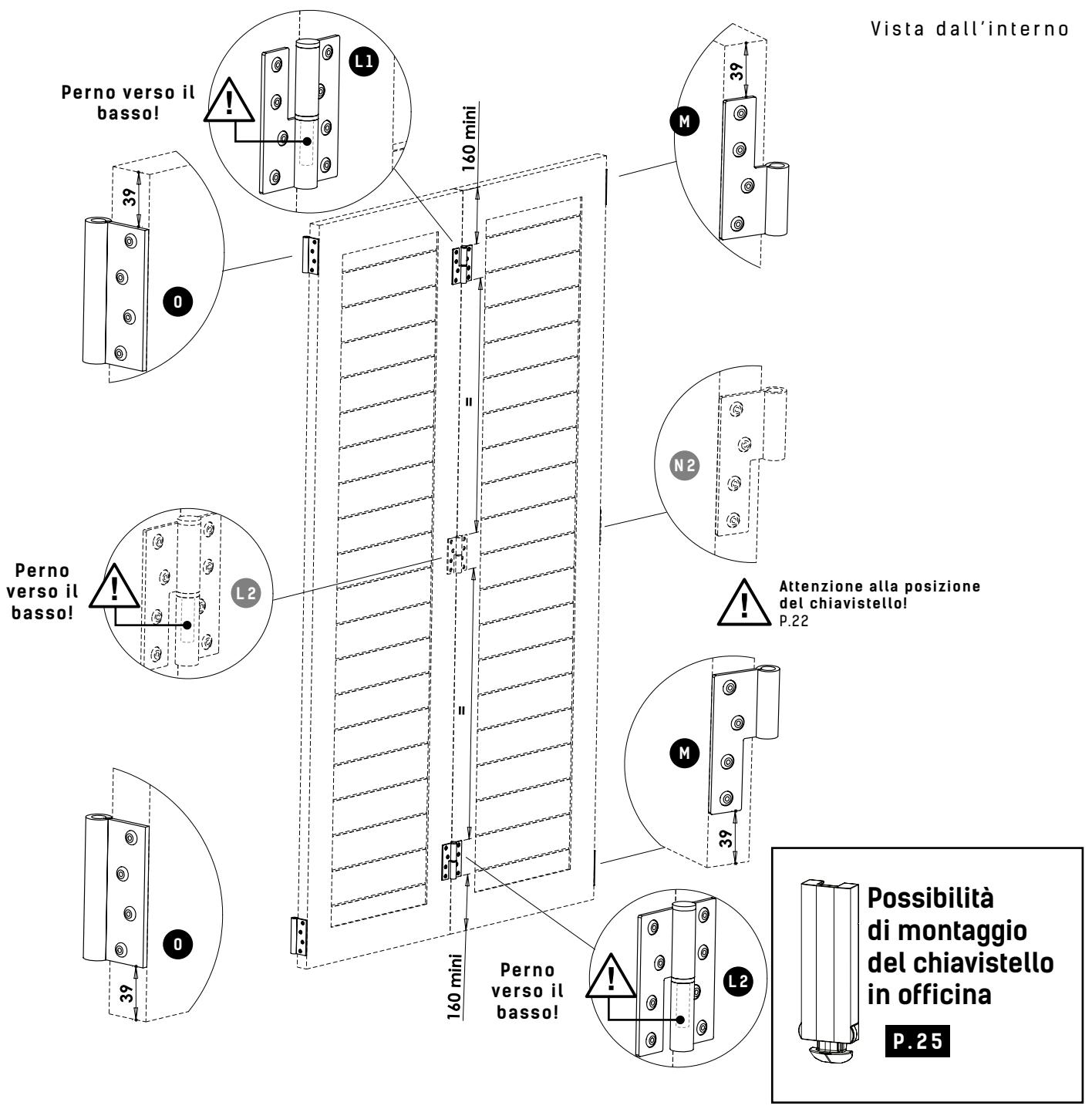
L1 VR10809

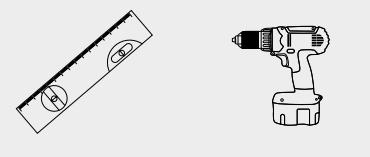


L2 VR10810

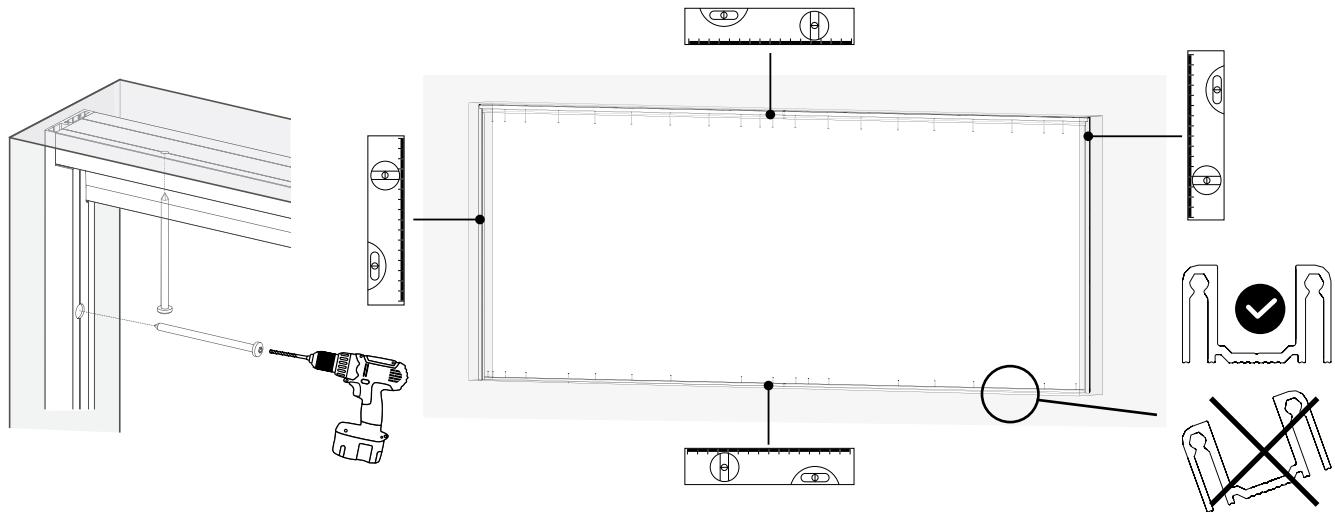


M VR10828

Opzionale
se H > 1800 mm
N2 VR10817D

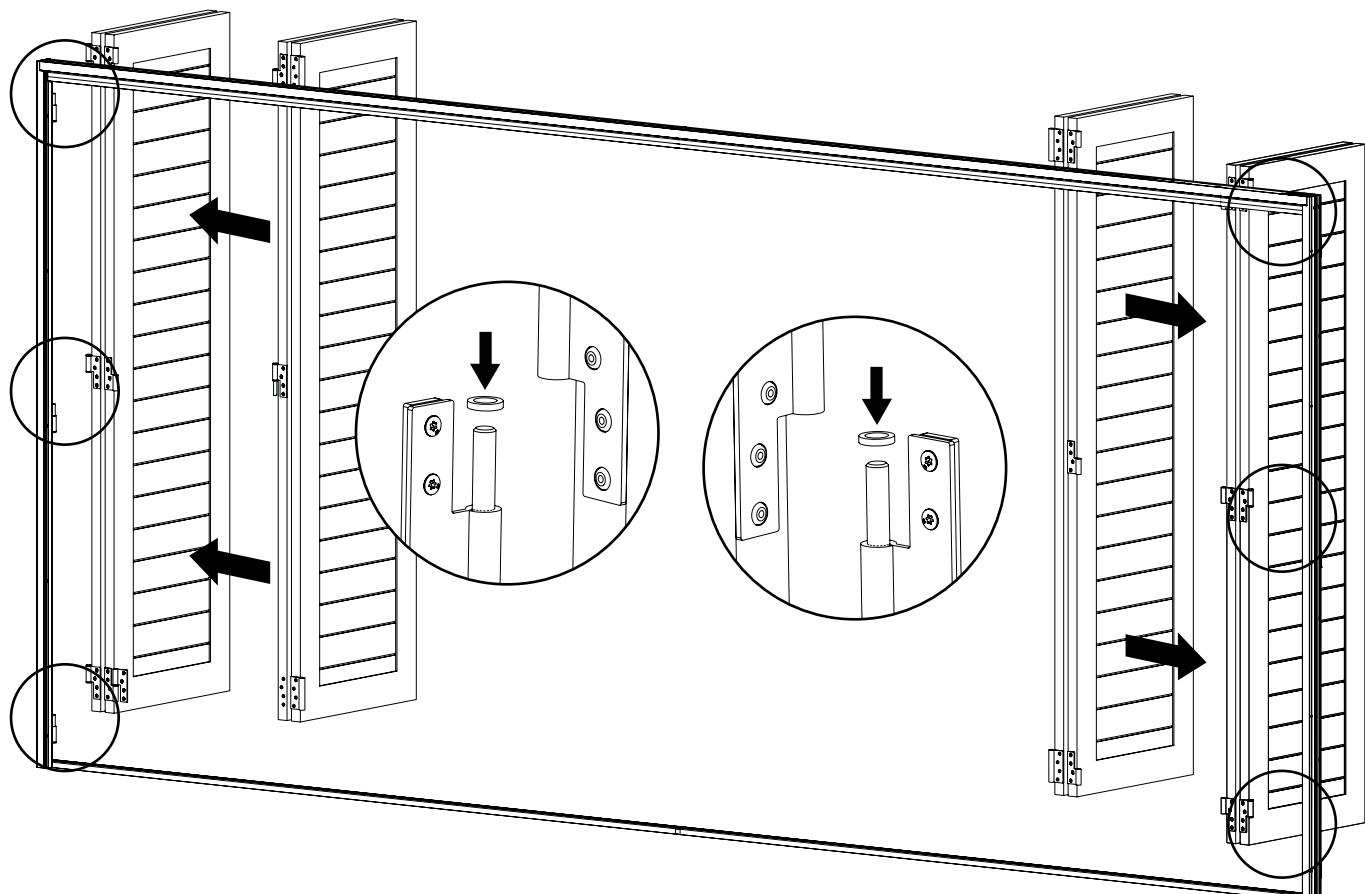


5 Installazione del telaio (regolazione geometrie e calibrazione)



6 Montaggio delle ante

Vista dall'interno

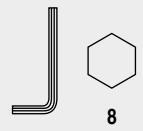


7 Montaggio delle guide

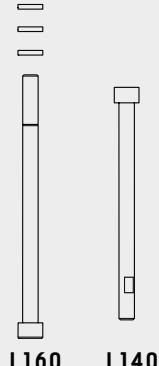
Configurazione
4 + 4

EST.

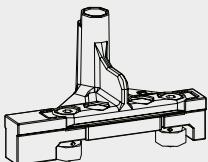
INT.



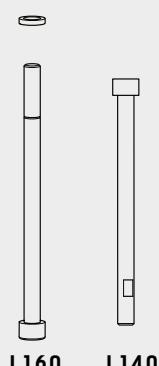
7.1



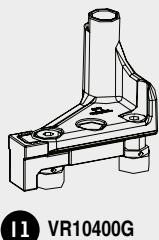
M VR10828



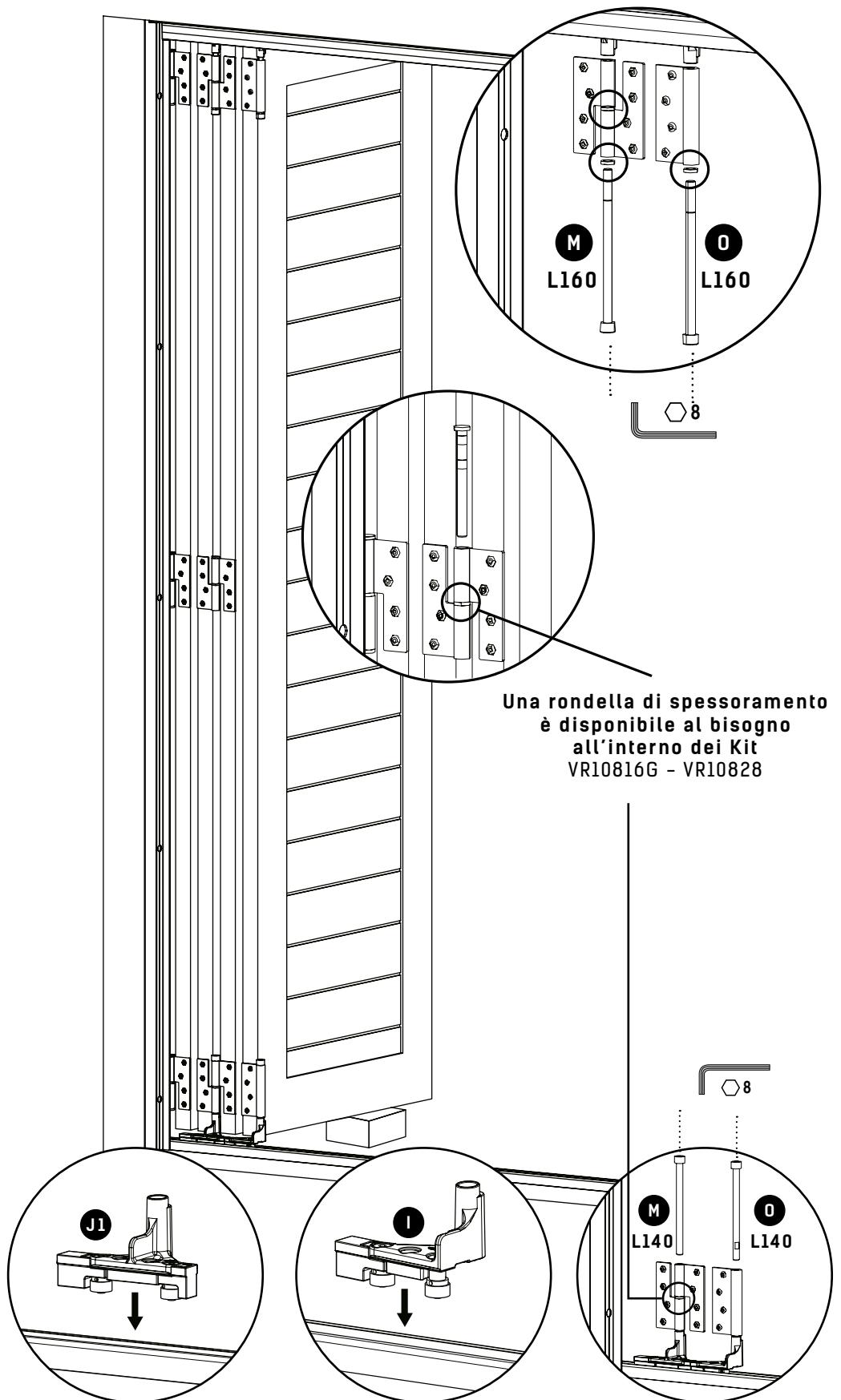
J1 VR10800G



O VR10818

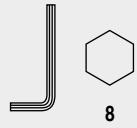


I1 VR10400G

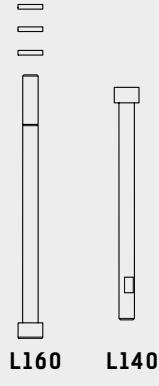


7 Montaggio delle guide

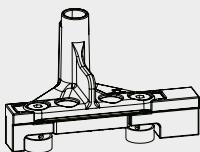
Configurazione
4 + 4
EST. INT.



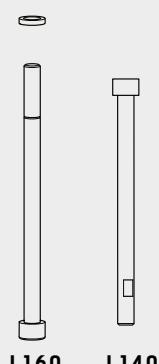
7.2



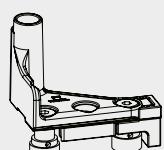
M VR10828



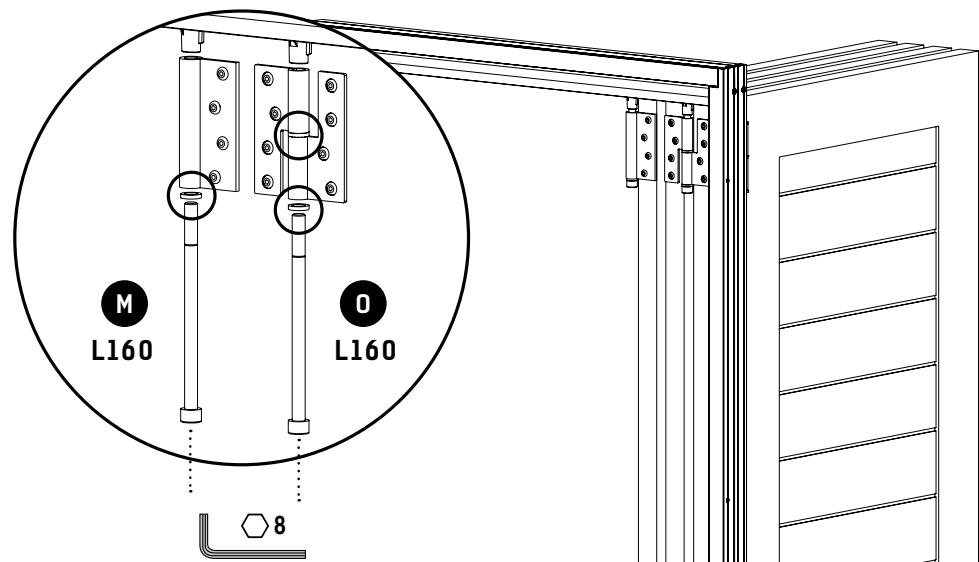
J2 VR10801D



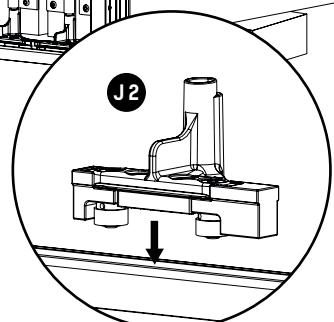
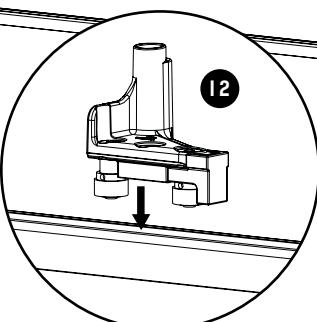
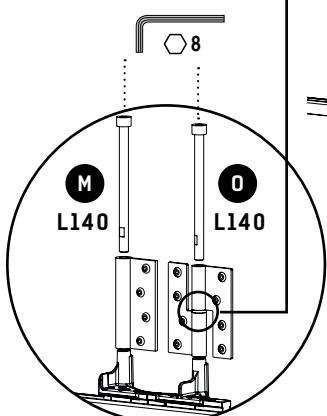
O VR10818



I2 VR10500D



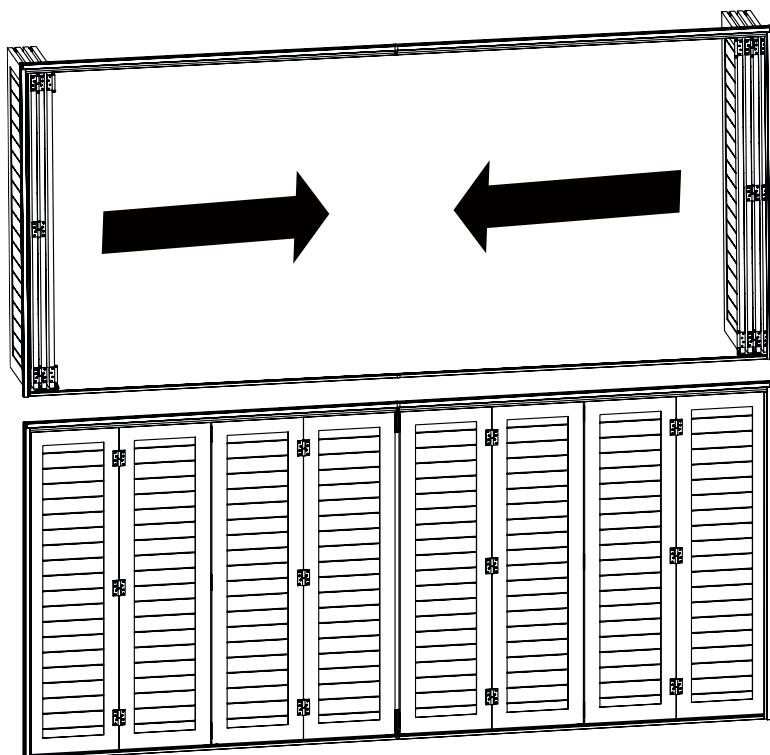
Una rondella di spessoramento
è disponibile al bisogno
all'interno dei Kit
VR10816G - VR10828



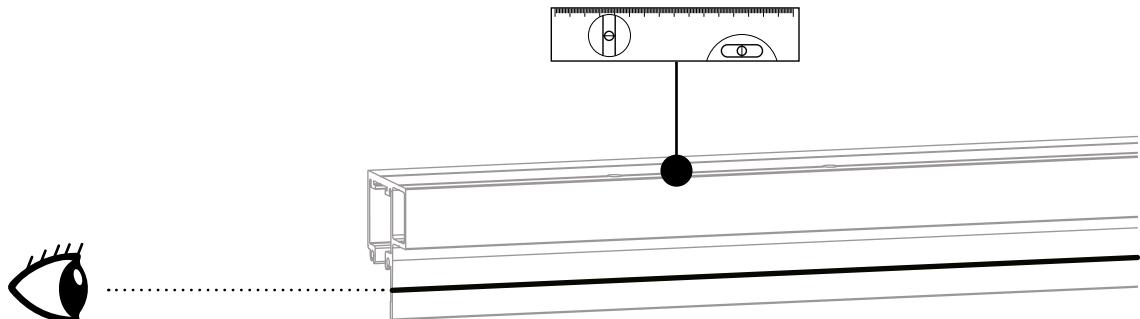
8 Regolazione



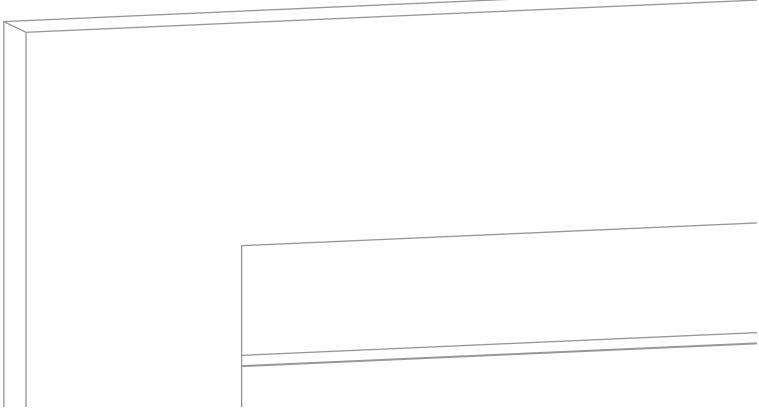
8.1



8.2

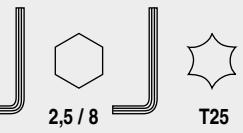


Verificare che la parte alta dello sbordo della ruota sia dentro il binario di 5mm per garantire una presa ottimale.

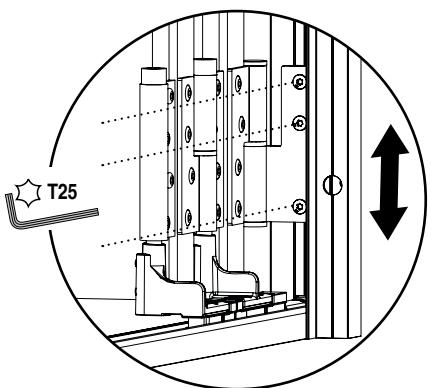
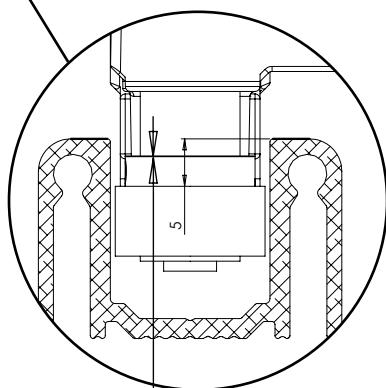
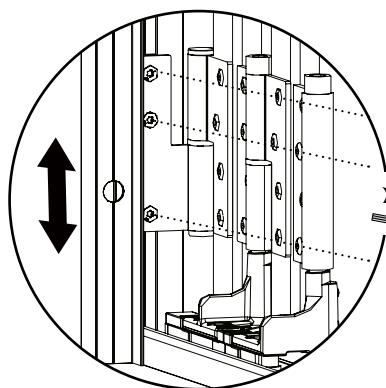
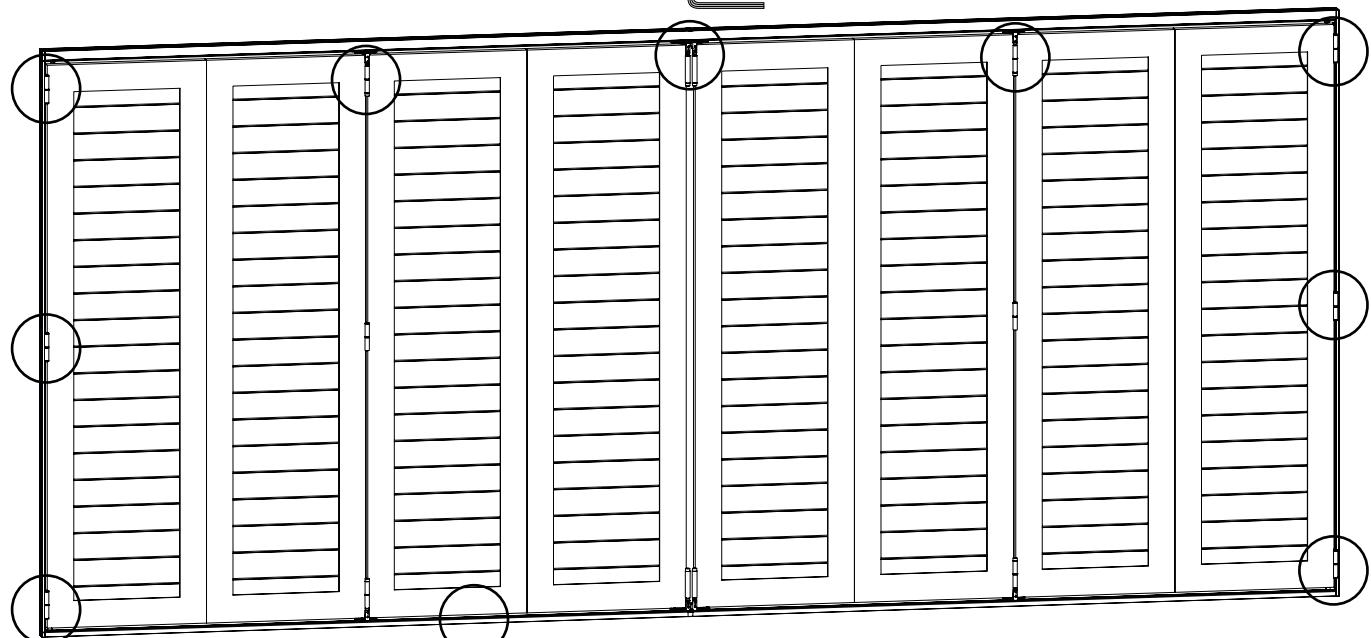
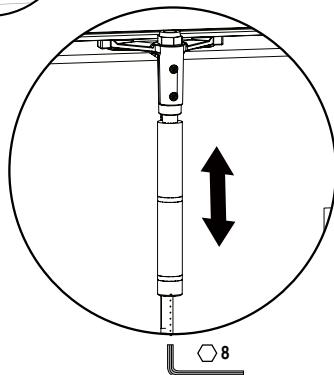
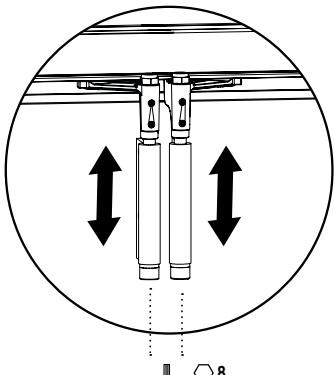
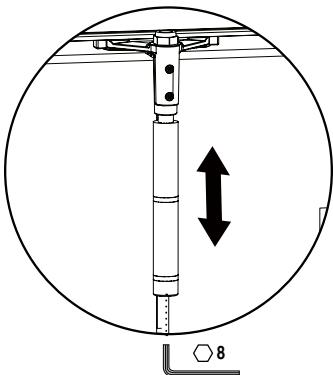


8 Regolazione

Configurazione
4 + 4
EST. INT.



8.3

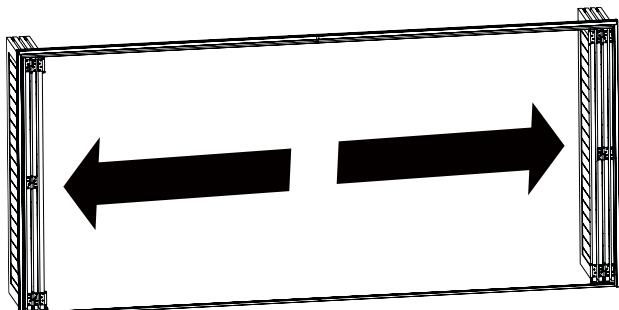
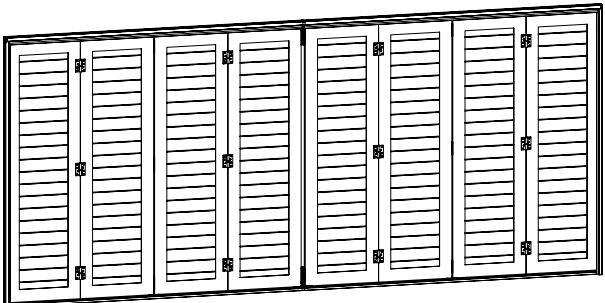


Verificare che la parte alta dello sbordo della ruota sia
dentro il binario di 5mm per garantire una presa ottimale.

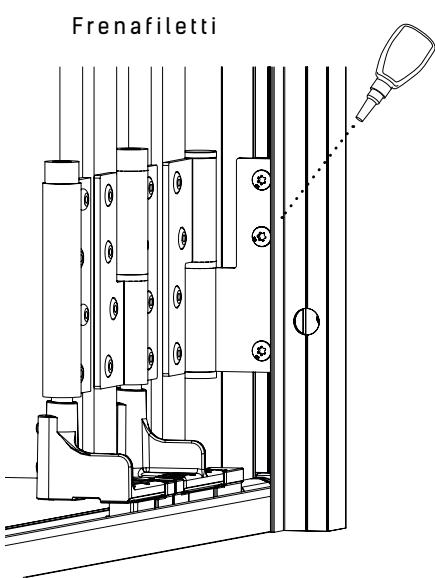
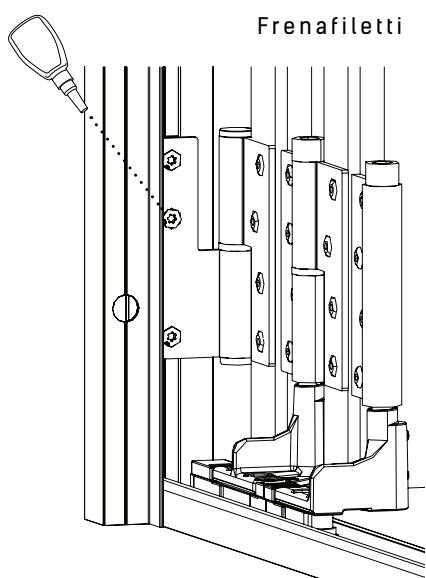
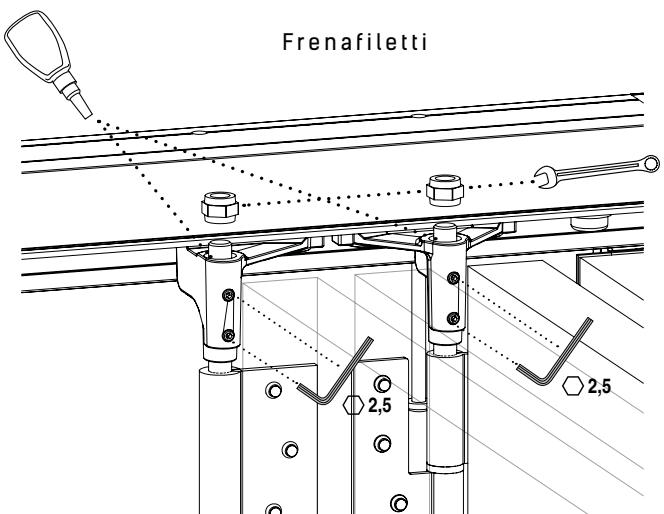
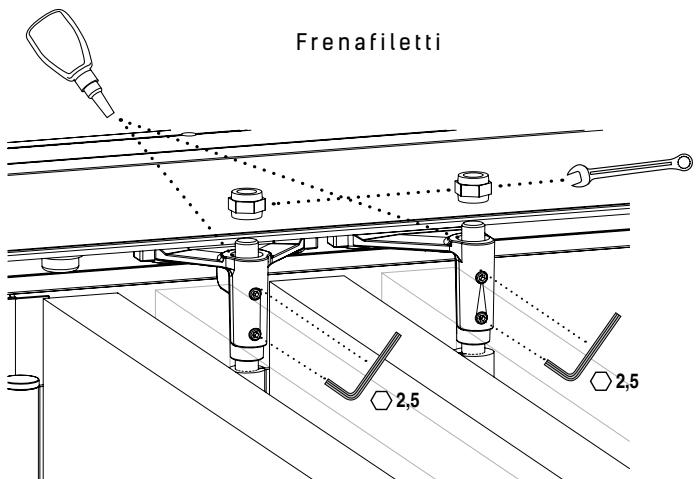
8 Regolazione



8.4



Fissaggio di sicurezza

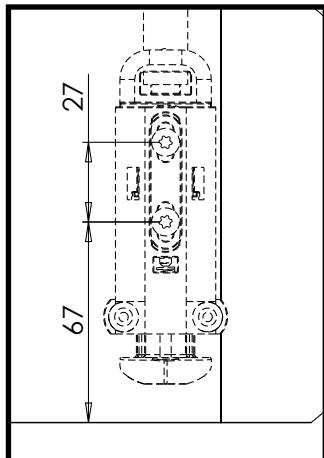
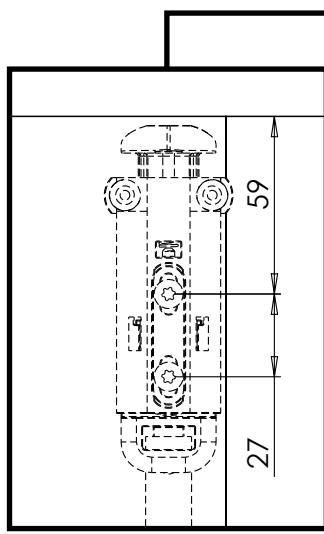


9

Montaggio del chiavistello e della battuta



9.1

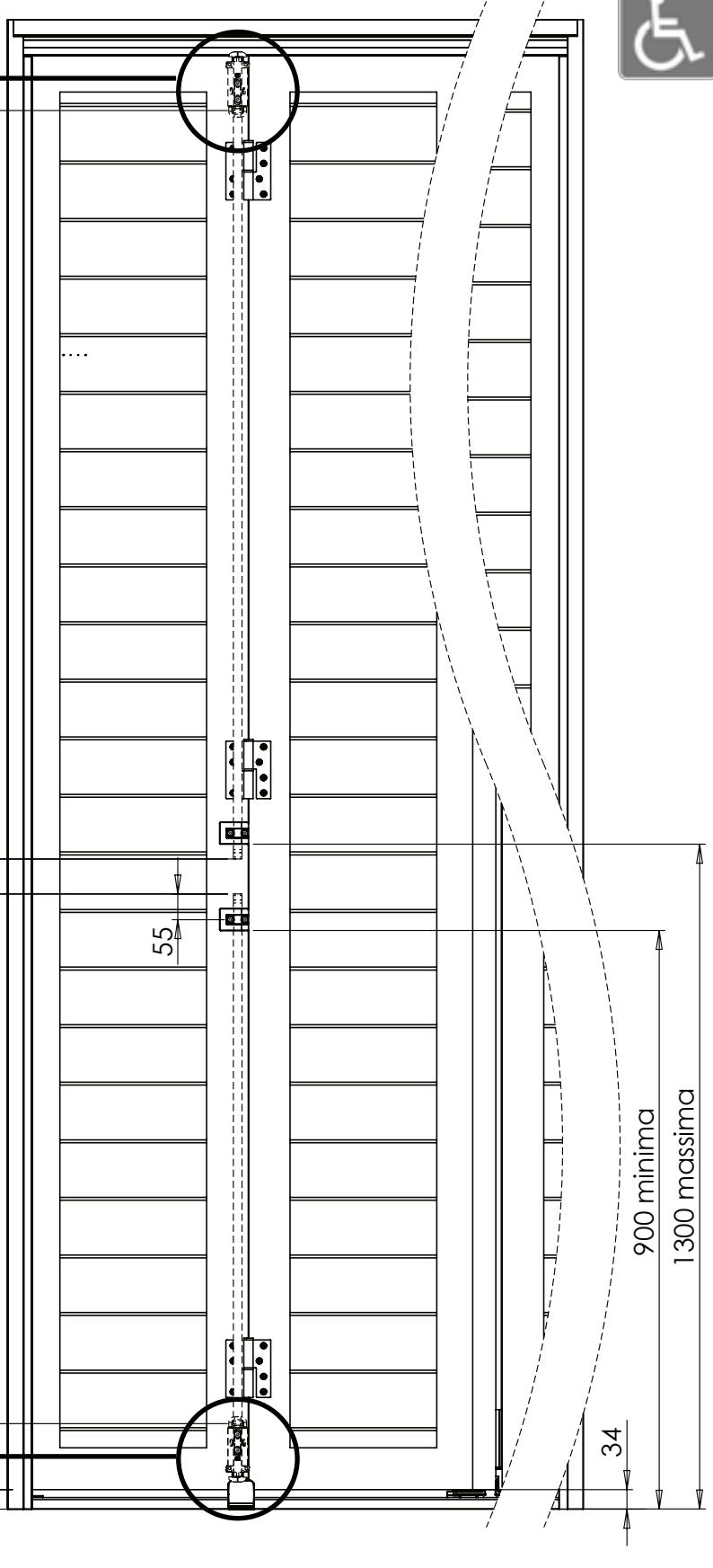


L_{asta} (parte superiore) = Altezza Anta - H (parte superiore) - 105

H (parte superiore)
 H (parte inferiore)

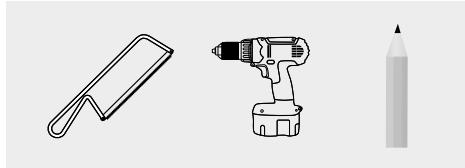
L_{asta} (parte inferiore) = H (parte inferiore) - 115

34

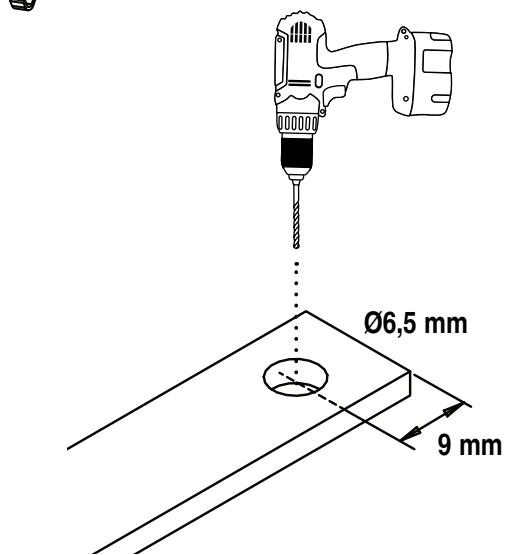
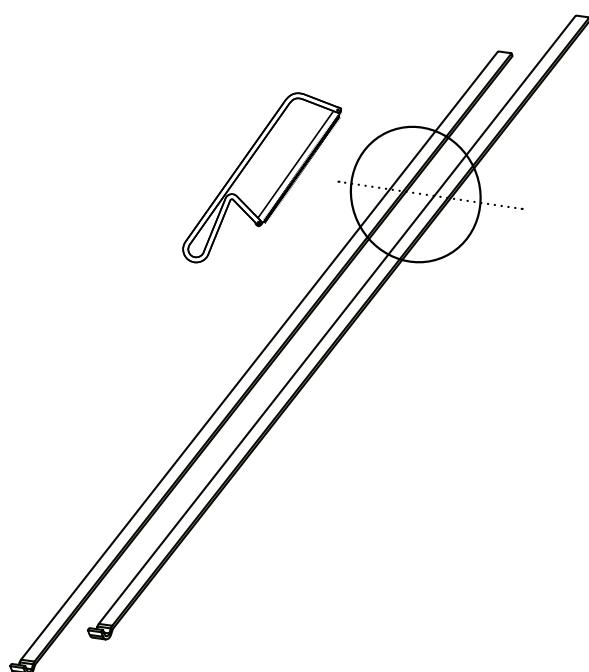
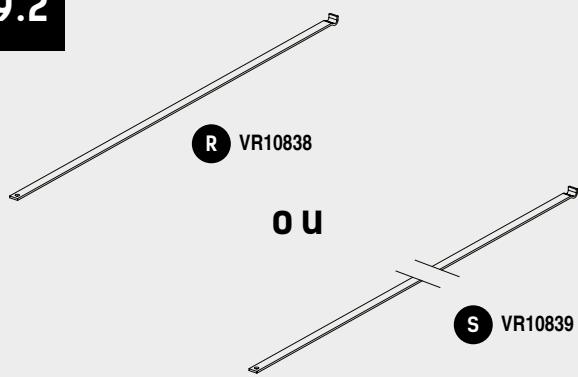


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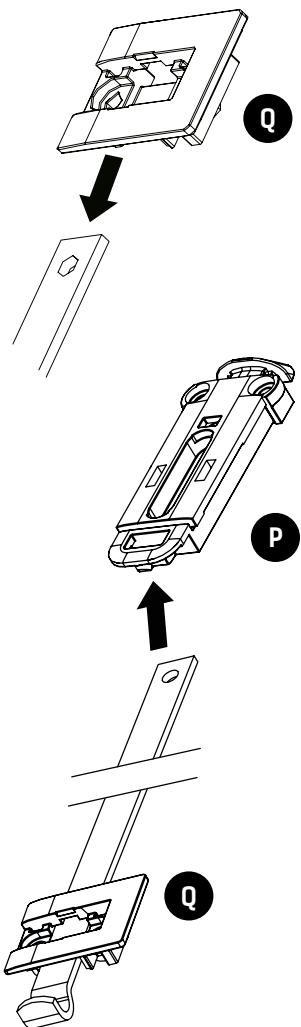
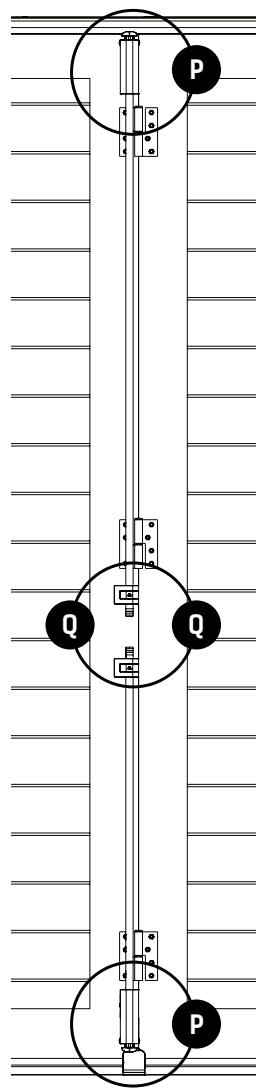
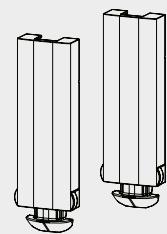
Montaggio del chiavistello e della battuta



9.2



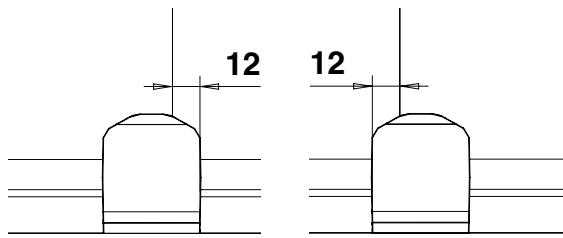
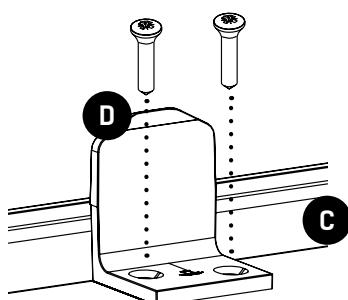
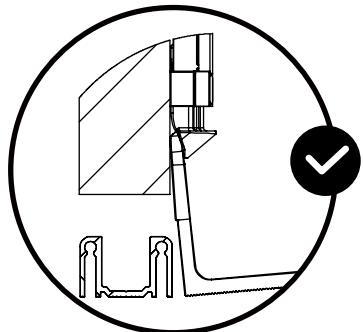
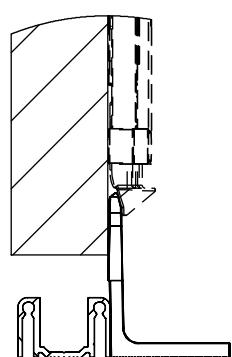
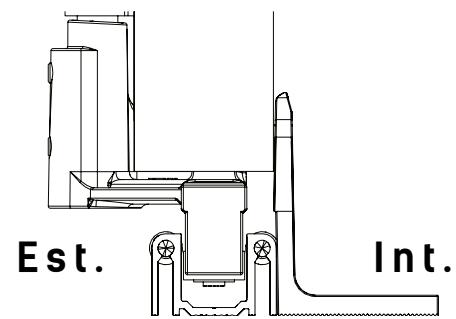
9.3



9

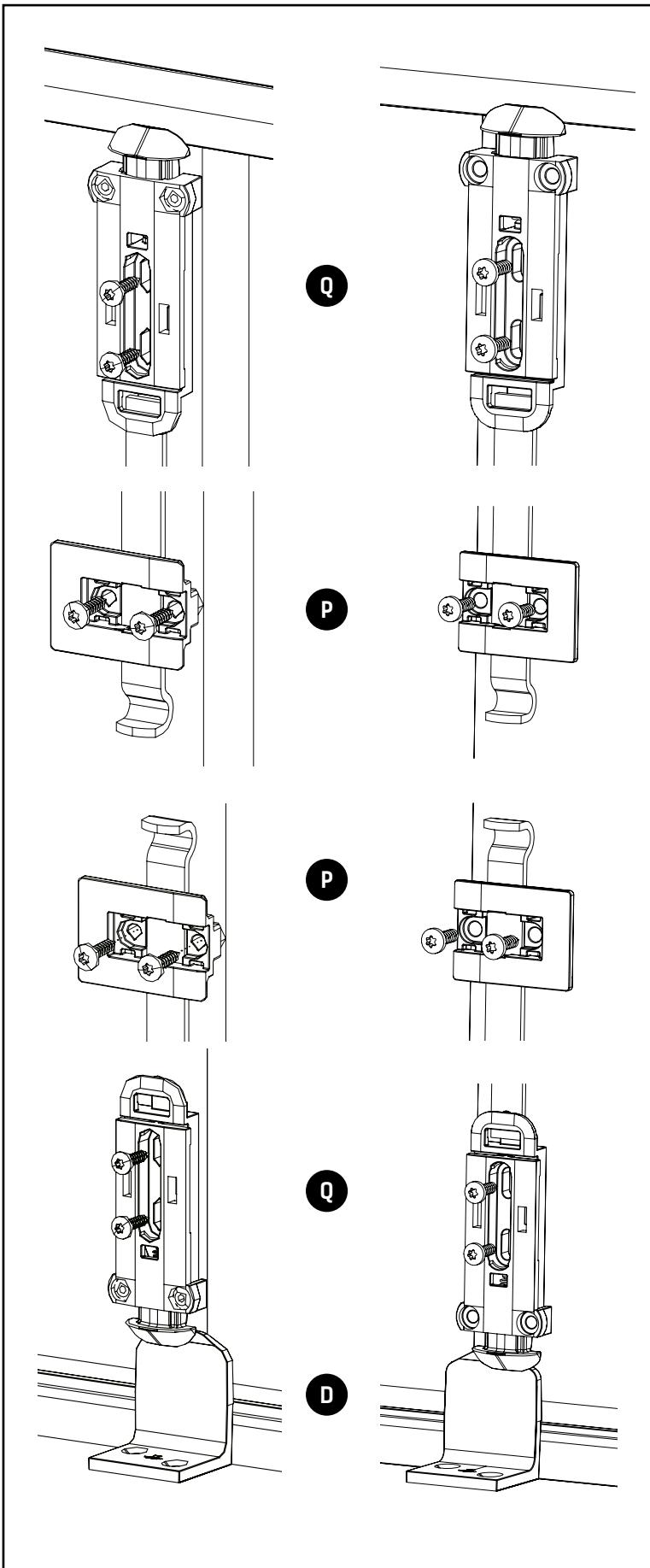
Montaggio del chiavistello e della battuta

Configurazione
4 + 4
EST. ▲
INT. ▲



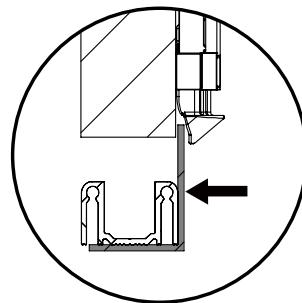
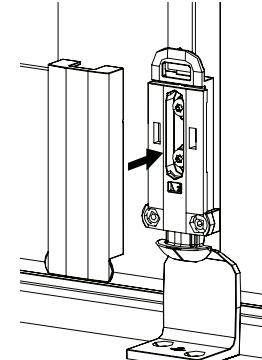
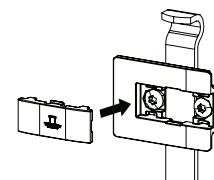
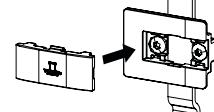
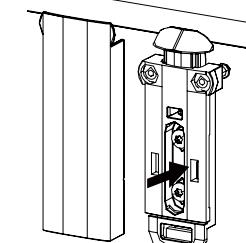
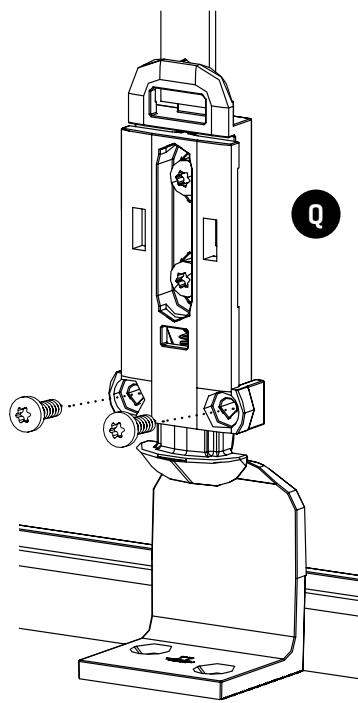
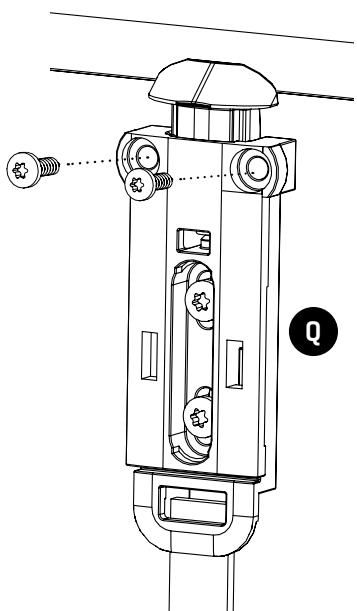
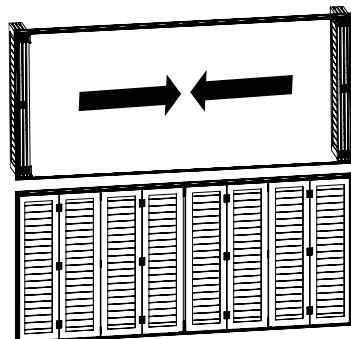
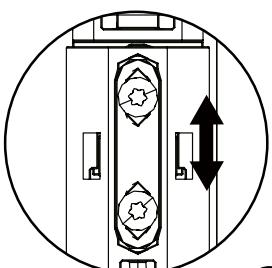
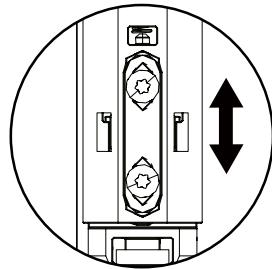
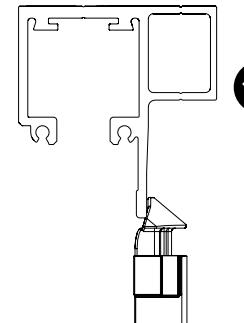
Posizione battuta
sinistra

Posizione battuta
destra



9

Montaggio del chiavistello e della battuta



+ AGGIUNTA OPZIONALE
Oscuramento luce



L'installazione è completata !

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