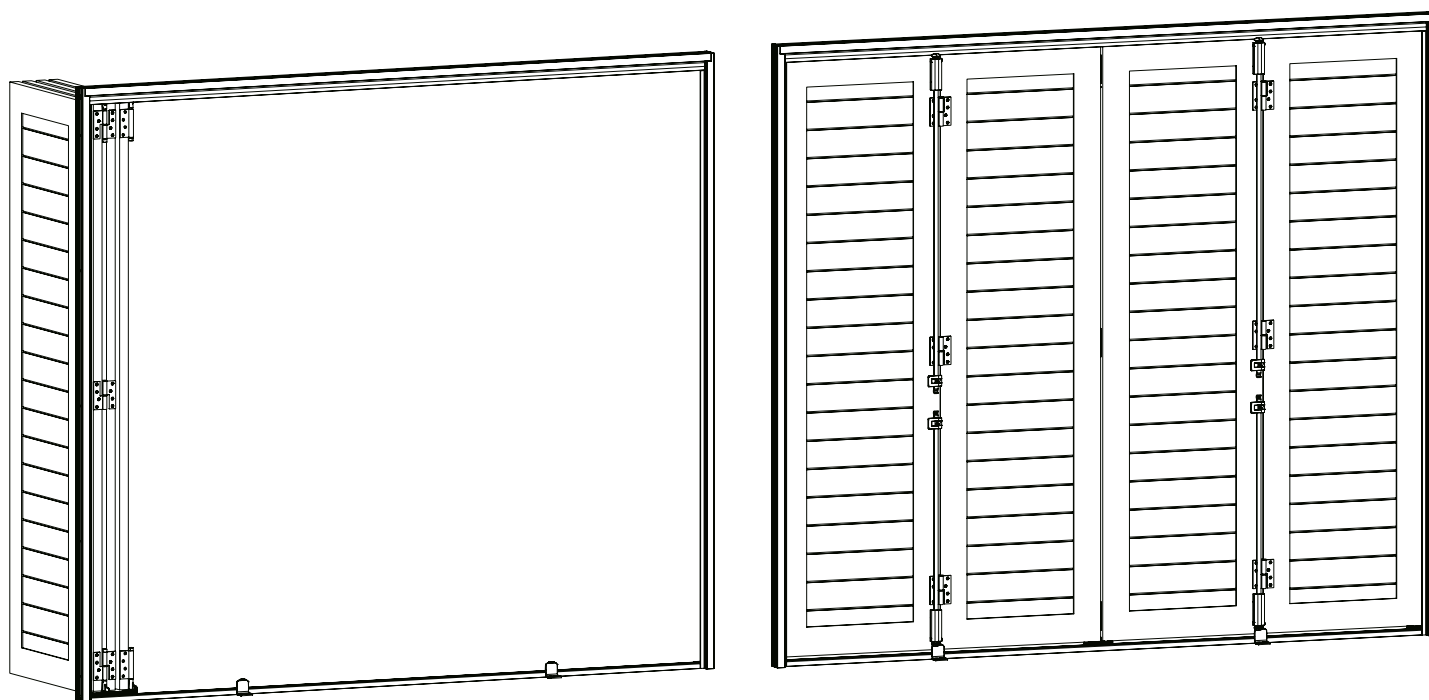




Istruzioni di posa



Vista dall'interno

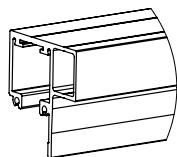


Gamma VCP300

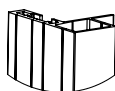
Ferramenta per persiane scorrevoli ripieghevoli
Per configurazione 4+0 o 0+4

Componenti

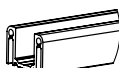
PROFILI E ACCESSORI PER TELAIO IN ALLUMINIO



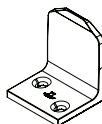
A VR10906



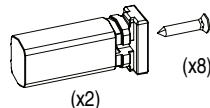
B VR10917



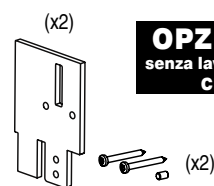
C VR10926



D VR10930



E VR10830



T VR10918

OPZIONE
senza lavorazione
CNC

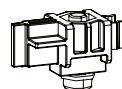
SCORRIMENTO SUPERIORE



F1 VR10100G

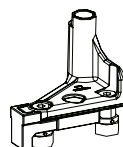


F2 VR10200D

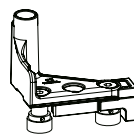


G VR10300

SCORRIMENTO INFERIORE UNTERE FÜHRUNG

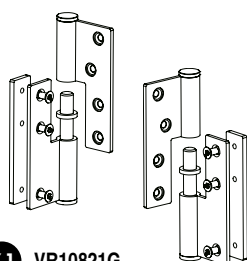


I1 VR10400G

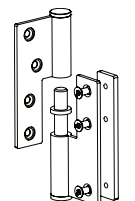


I2 VR10500D

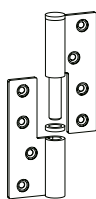
COLLEGAMENTO PROFILI/ANTE



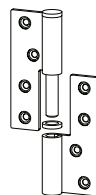
K1 VR10821G



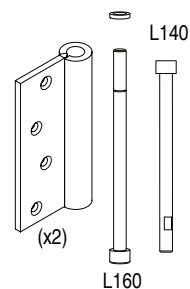
K2 VR10822D



L1 VR10809G

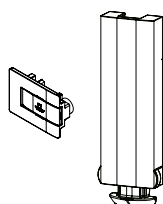


L2 VR10810D



O VR10818

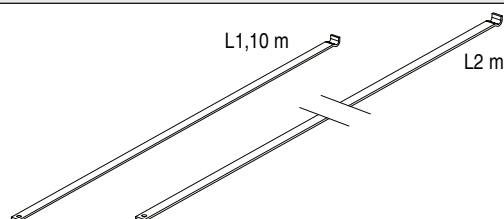
CHIUSURA



P VR10835



Q VR10837



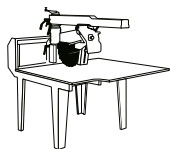
R VR10838J

S VR10839J

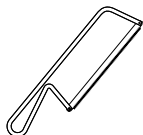
Descrizione				Codice	Conf.	H anta < 1800 mm		1800 <= H anta > 2800 mm		2800 <= H anta > = 3000 mm	
						4+0	0+4	4+0	0+4	4+0	0+4
						UnitàUnità	UnitàUnità	UnitàUnità	UnitàUnità	UnitàUnità	UnitàUnità
PROFILI E ACCESSORI PER TELAIO IN ALLUMINIO											
A	BINARIO SUPERIORE IN ALLUMINIO 6M	VR10906	9	1	1	1	1	1	1		
B	PROFILO TELAIO LATERALE CON BATTUTA IN ALLUMINIO 6 M	VR10917	9	1	1	1	1	1	1		
C	GUIDA A U INFERIORE IN ALLUMINIO 6M	VR10926	9	1	1	1	1	1	1		
D	BATTUTA INFERIORE ZAMA PER GUIDA A U INFERIORE	VR10930	20	2	2	2	2	2	2		
E	KIT 2 BATTUTE FISSE NYLON PER GUIDA INFERIORE + VITI	VR10830	20	1	1	1	1	1	1		
T	KIT 2 PIASTRE DI GIUNZIONE PER CONTROTEL OPZIONE senza lavorazione CNC	VR10918	1	1	1	1	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	1	1	1	1	1	1		
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	2	2	4	2	6	2		
L2	POMELLA CENTRALE PIATTA DESTRA	VR10810D	10	2	2	2	4	2	6		
M	2 SET DI 2 MEZZE POMELLE CARRELLO CENTRALE + VITI	VR10828	20	1	1	1	1	1	1		
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	1	1	1	1	1	1		
CHIUSURA											
P	KIT CHIAVISTELLO PIATTO + GUIDA ASTA NYLON NERO	VR10835	10	4	4	4	4	4	4		
Q	GUIDA ASTA + MANIGLIETTA ERGONOMICA NYLON NERO	VR10837	10			4	4	4	4		
R	ASTA ALLUMINIO 1,10M PER CHIAVISTELLO PIATTO	VR10838J	10	4	4	4	4	2	2		
S	ASTA ALLUMINIO 2M PER CHIAVISTELLO PIATTO	VR10839J	10					2	2		

INFORMAZIONI

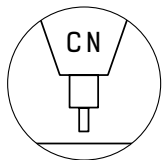
Attrezzi Necessari



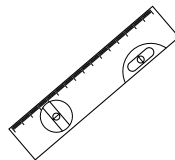
Sega
circolare



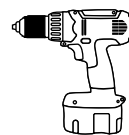
Seghetto
per metallo



Lima



Livella



Trapano /
Avvitatore

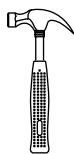


Punta per
metallo

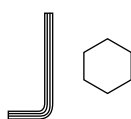
Ø13 mm
Ø10 mm
Ø7 mm
Ø4,5 mm



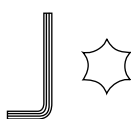
Cacciavite



Martello



Chiave a
brugola 2,5 e 8



Chiave a brugola
T20 e T25



Chiave
combinata 14



Frenafilietti

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.

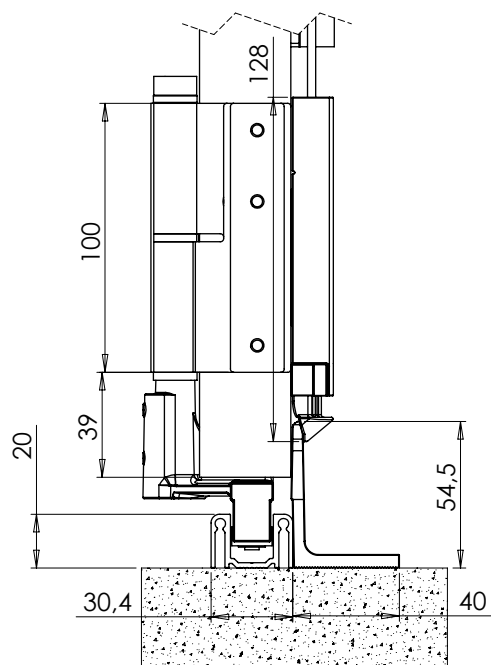
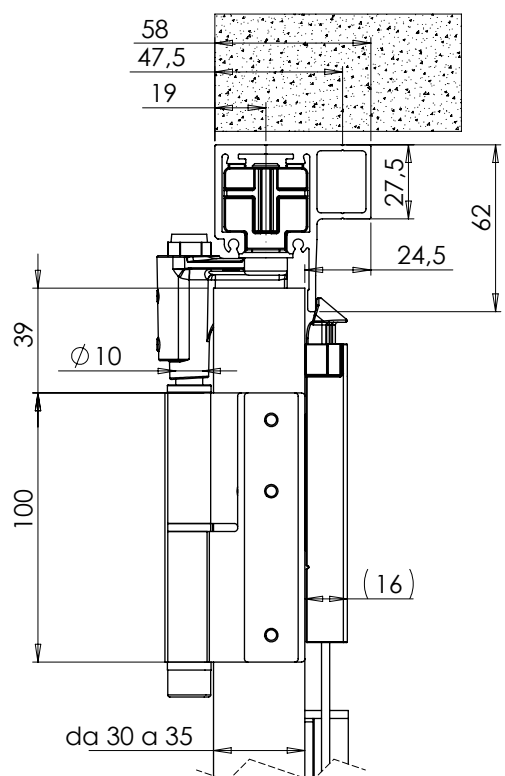
Il sistema si dovrà aprire e chiudere senza particolare sforzo (nessun attrito) e assicurarsi che non ci sia alcun ostacolo. Pulire e lubrificare regolarmente le pomelle e le ruote dei carrelli e delle guide inferiori. Sostituire i pezzi che presentano delle anomalie (usure importanti, rotture).

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.

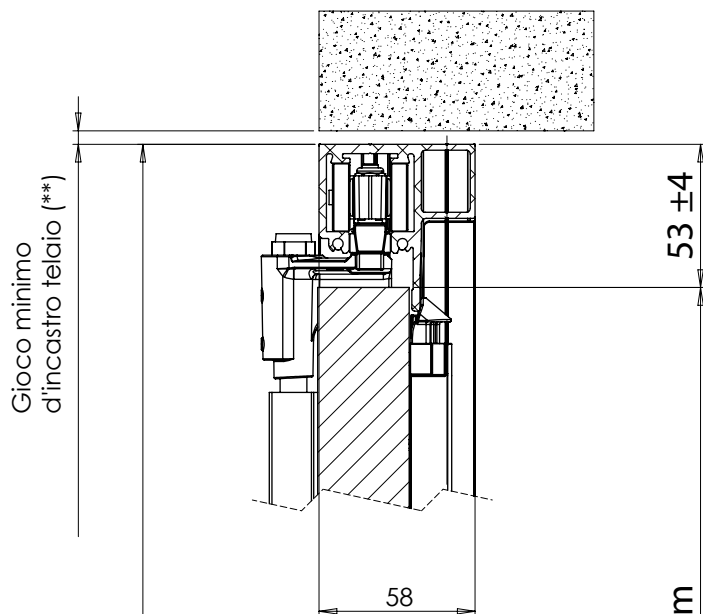
È compito del produttore fornire all'utilizzatore finale i consigli di utilizzo e di pulizia dei nostri prodotti.

Altezza Anta = Altezza telaio - 87 mm



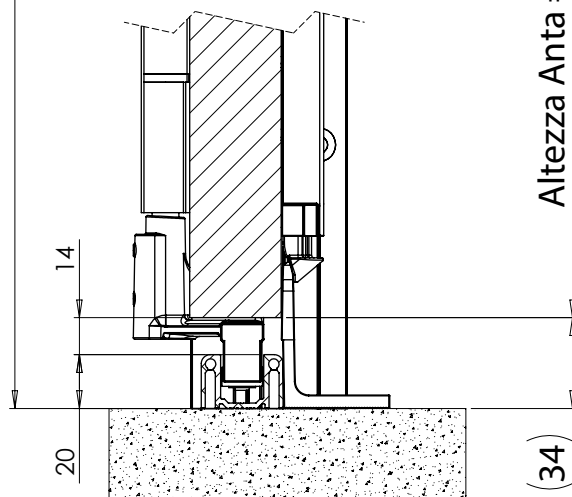
Lato esterno

Lato interno



Altezza telaio

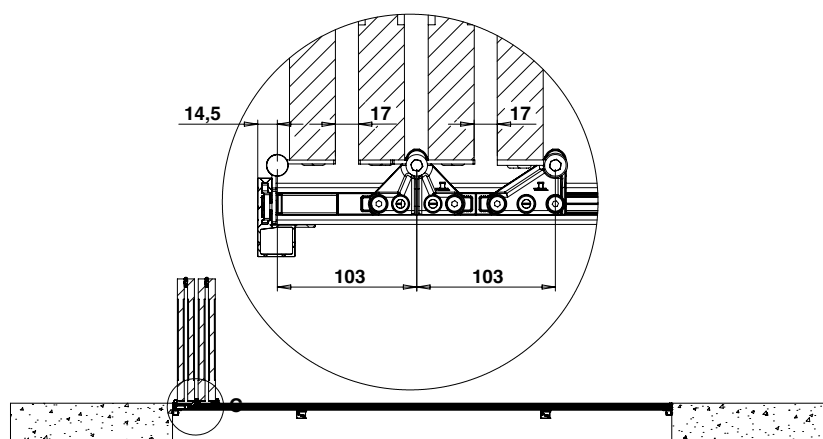
Altezza Anta = Altezza telaio - 87 mm



Lato esterno

Lato interno

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



INTERNO

Larghezza anta =
 $(L - J^{(*)} - 57 \text{ mm}) / 4$

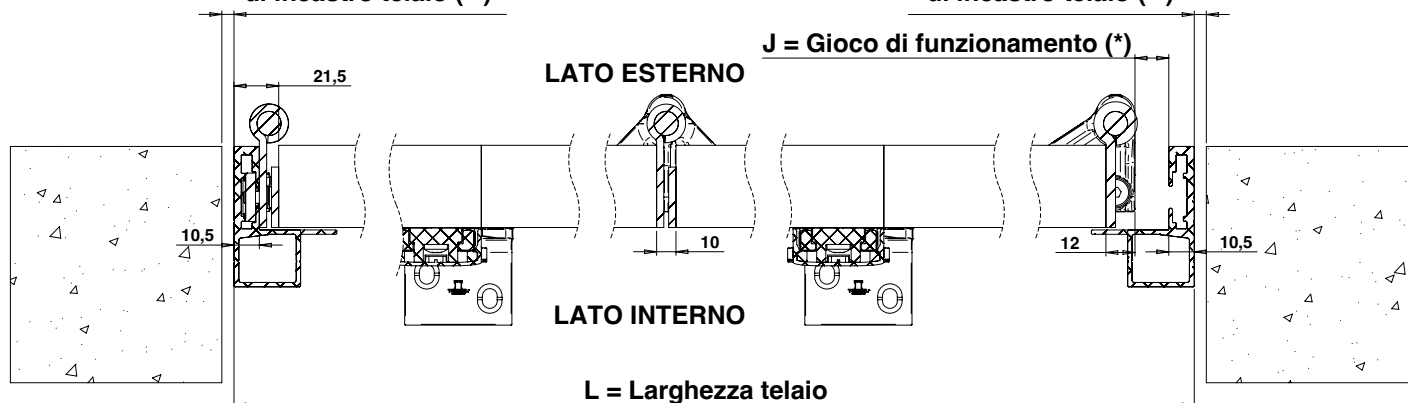
LATO ESTERNO

LATO INTERNO

Gioco minimo
 di incastro telaio (**)

Gioco minimo
 di incastro telaio (**)

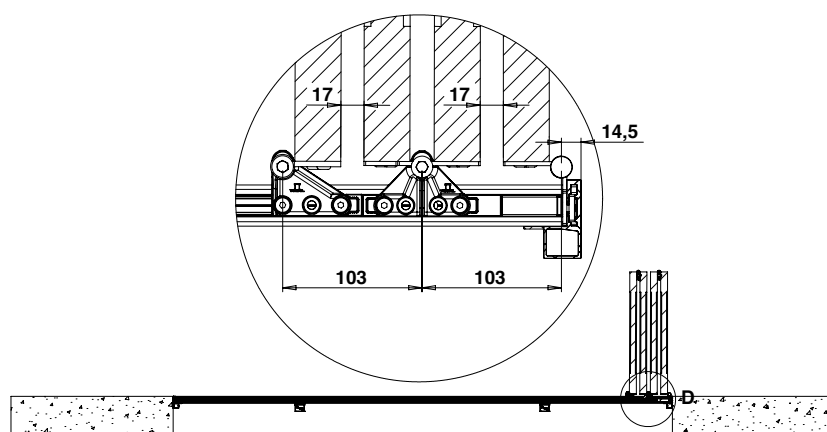
J = Gioco di funzionamento (*)



(*) 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.



INTERNO

Larghezza anta =
 $(L - J^{(*)} - 57 \text{ mm}) / 4$

LATO ESTERNO

LATO INTERNO

Gioco minimo
 di incastro telaio (**)

J = Gioco di funzionamento (*)

Gioco minimo
 di incastro telaio (**)

LATO ESTERNO

LATO INTERNO

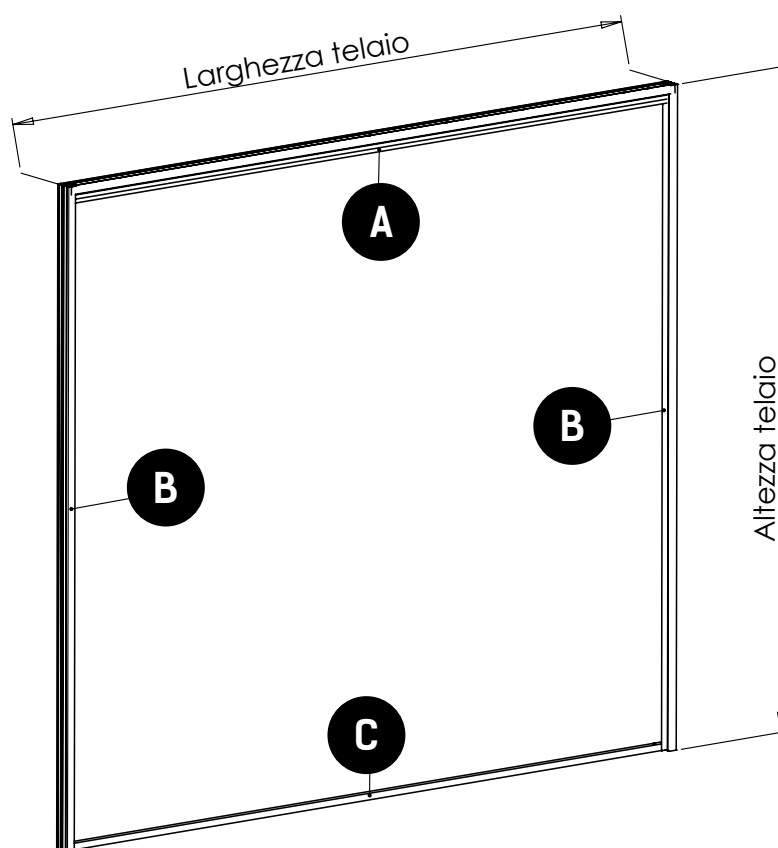
L = Larghezza telaio

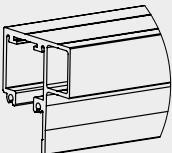
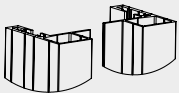
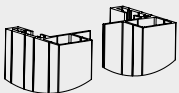
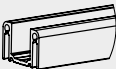


(*) Il gioco di funzionamento J deve integrare l'arretramento del carrello durante la chiusura, le tolleranze dimensionali delle ante e del telaio nonché le dilatazioni legate alle variazioni igrometriche e termiche.

(*) Arretramento del carrello: Larghezza anta 500 mm => 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.

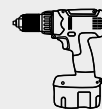


 A VR10906	Lunghezza binario superiore = Larghezza del telaio - 21 mm
 B VR10917	Lunghezza profilo telaio laterale = Altezza telaio
 B VR10917	OPZIONE senza lavorazione CNC Con piastre di giunzione Lunghezza profilo telaio laterale = Altezza telaio - 62 mm 
 C VR10926	Lunghezza guida inferiore = Larghezza del telaio - 21 mm

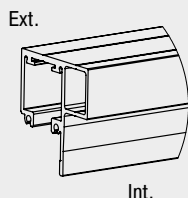
2

Foratura e lavorazione dei profili

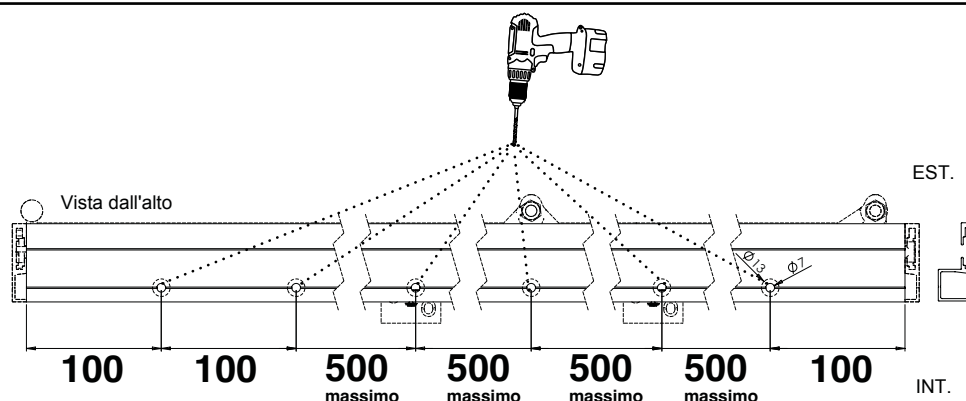
I punti di fissaggio devono essere a livello dei singoli punti.



2.1

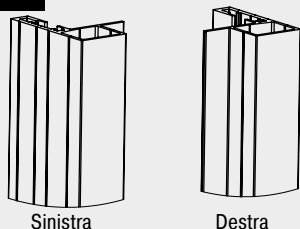


A VR10906



2.2

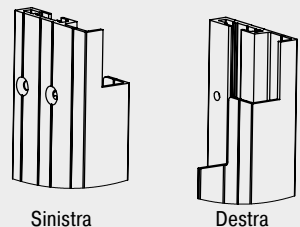
Prima della lavorazione



Sinistra

Destra

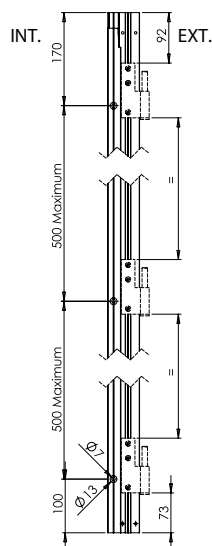
Dopo della lavorazione



Sinistra

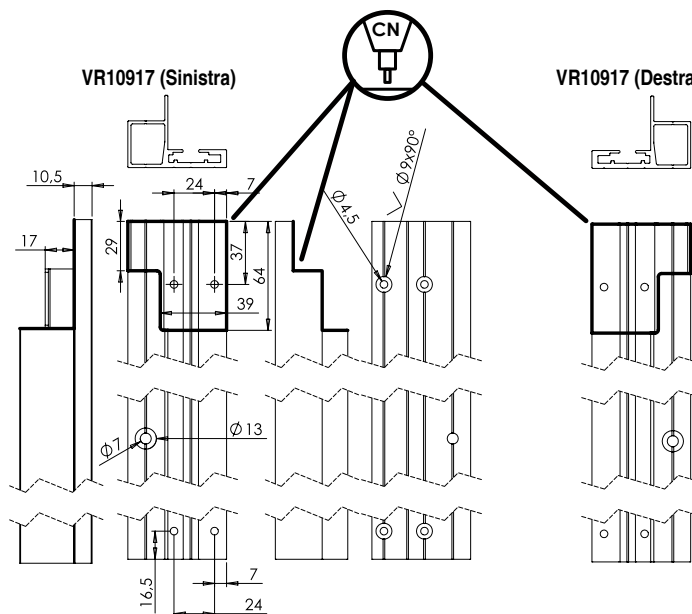
Destra

B VR10917



VR10917 (Sinistra)

VR10917 (Destra)



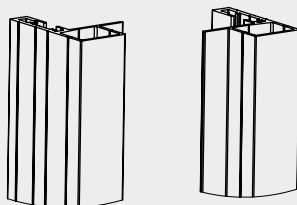
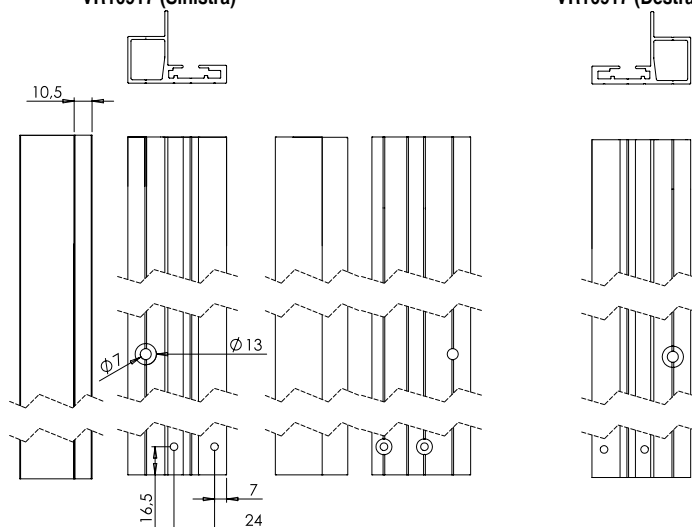
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OPZIONE senza lavorazione CNC

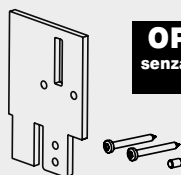
Con piastre di giunzione

VR10917 (Sinistra)

VR10917 (Destra)

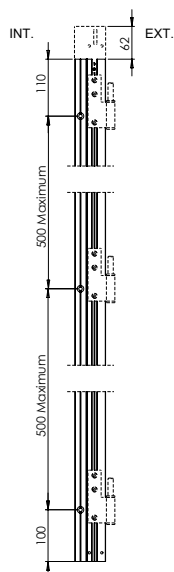


B VR10917



T VR10918

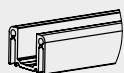
**OPZIONE
senza lavorazione
CNC**



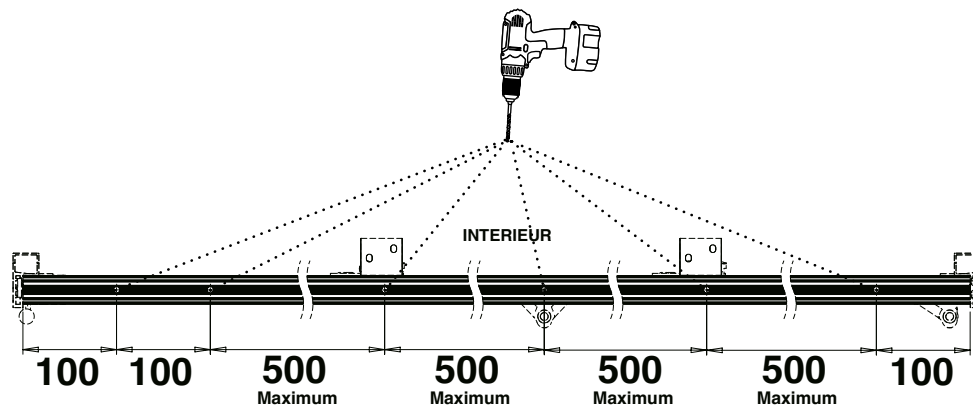
I punti di fissaggio devono essere a livello
dei singoli punti.



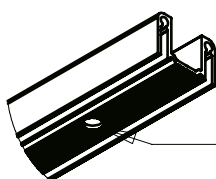
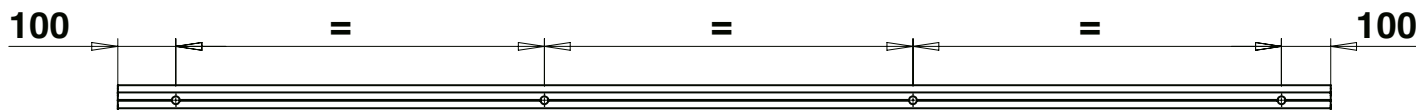
2.3



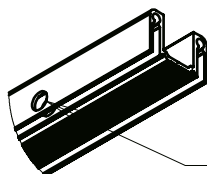
C VR10926



Drenaggio del binario di guida inferiore



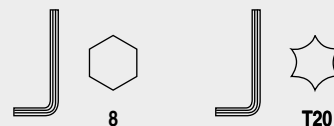
Drenaggio verticale Ø8



Drenaggio orizzontale Ø8
(orientato verso l'esterno)

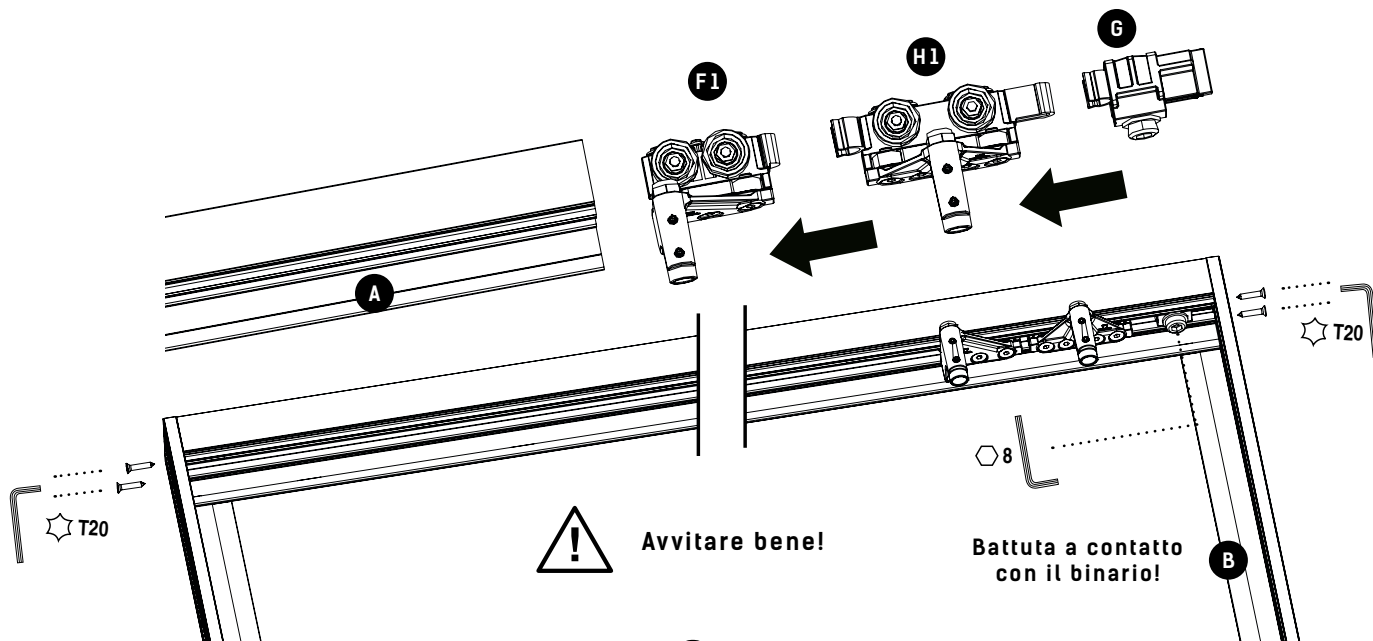
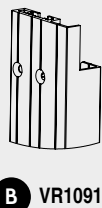
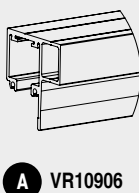
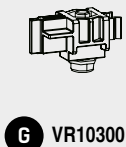
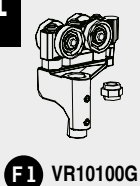
3 Montaggio del telaio

Configurazione
4 + 0
EST.
INT.



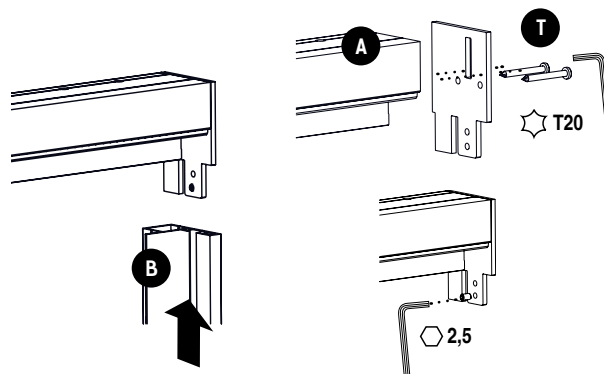
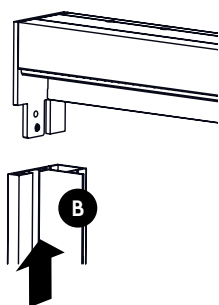
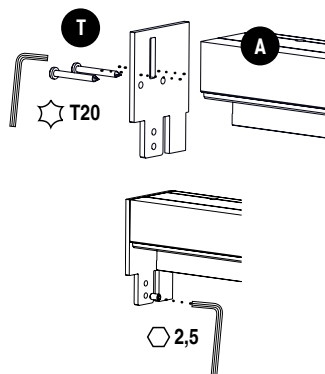
Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

3.1

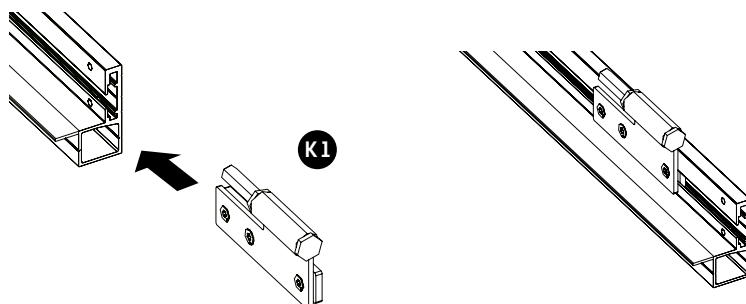
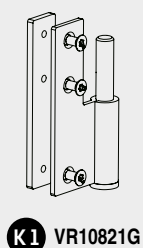


OPZIONE senza lavorazione CNC

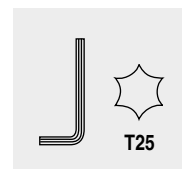
Con piastre di giunzione



3.2

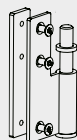


3 Montaggio del telaio

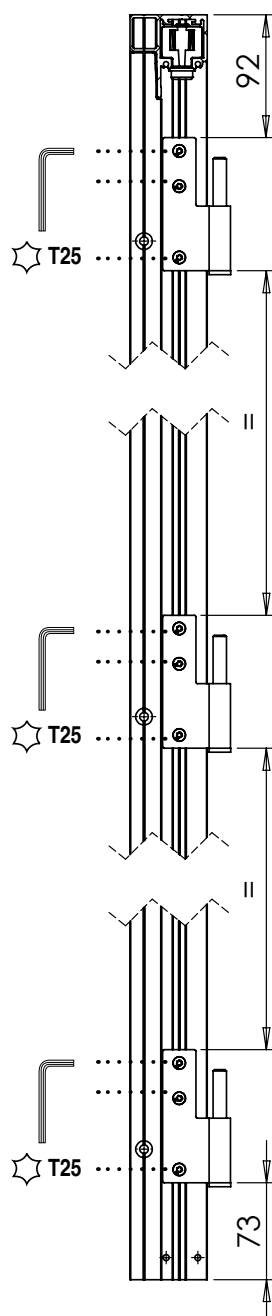


Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

3.3

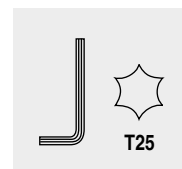


K1 VR10821G



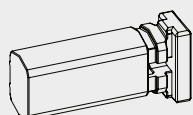
H		
< 1800 mm	1800 mm <....> 2800 mm	> 2800 mm

3 Montaggio del telaio

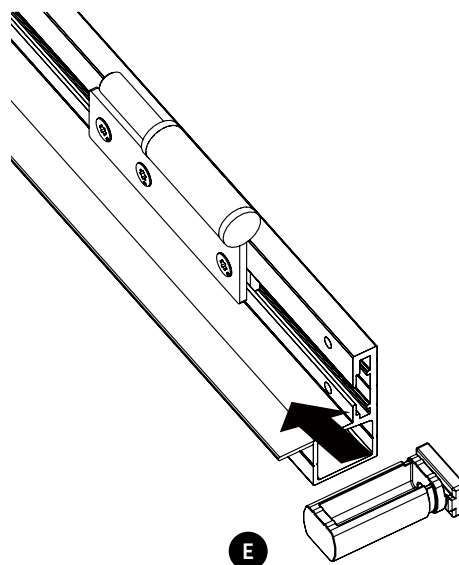


Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

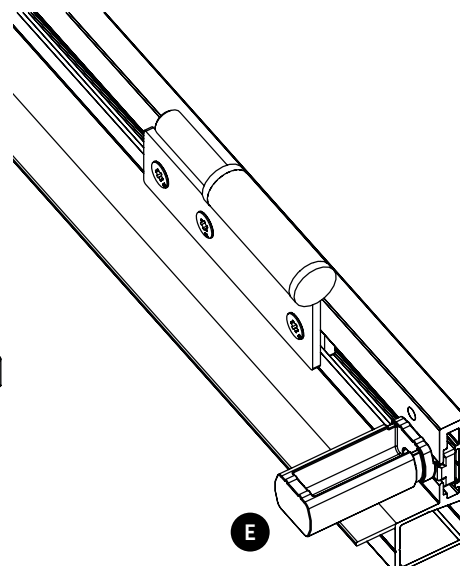
3.4



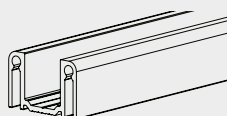
E VR10830



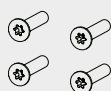
Attenzione al senso di posa della battuta!



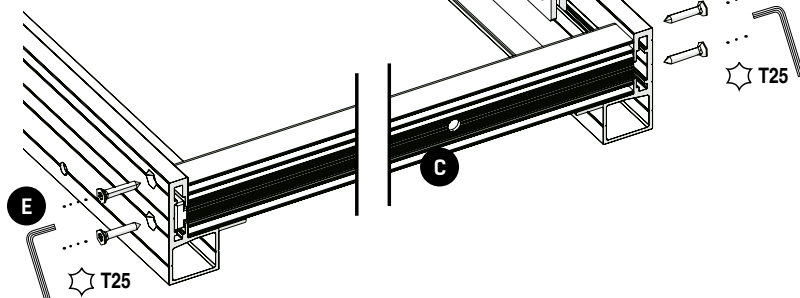
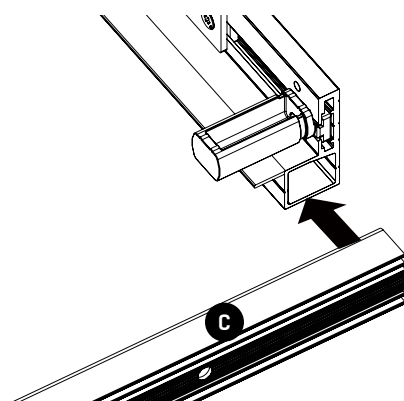
3.5

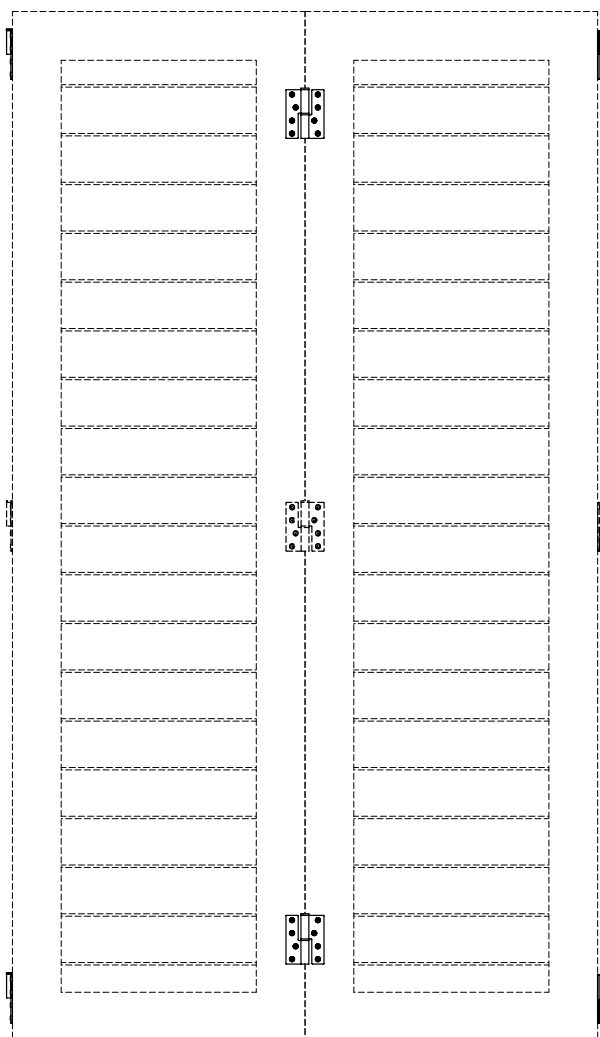
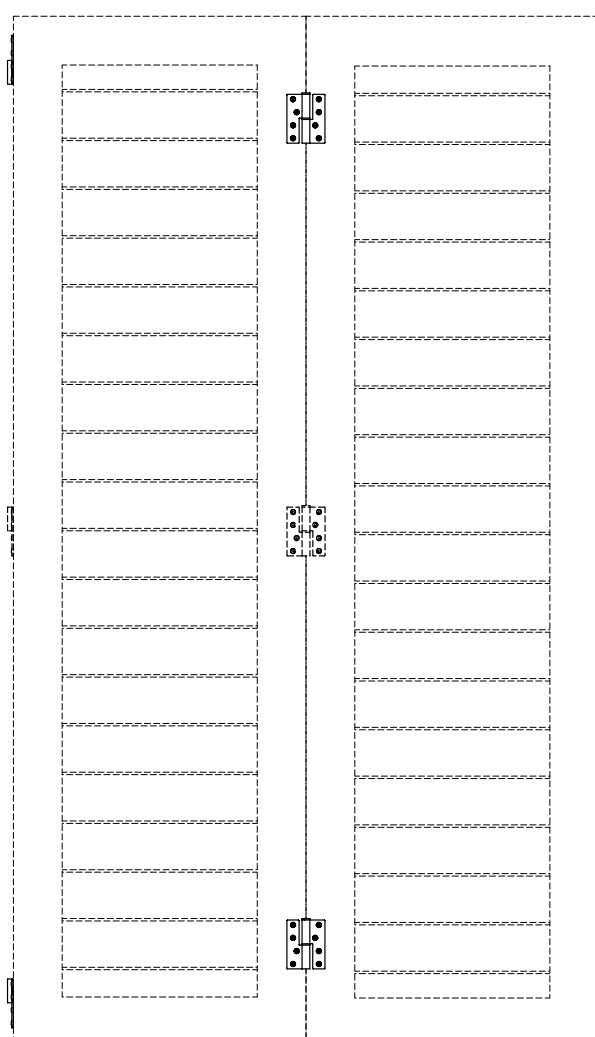


C VR10926



E VR10830



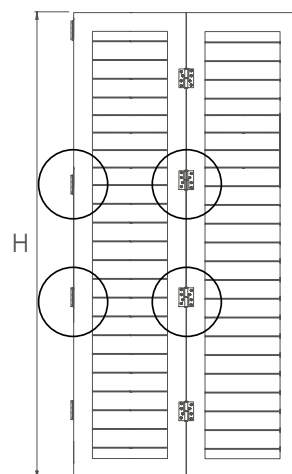
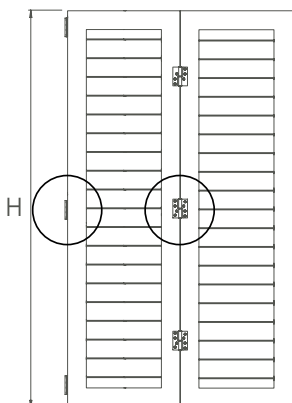
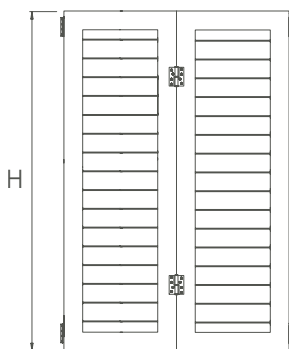
Primo paio
di anteSecondo paio
di ante

H

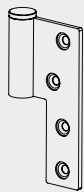
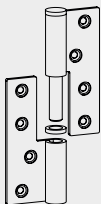
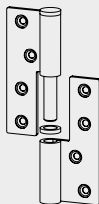
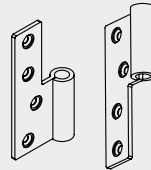
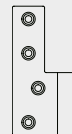
< 1800 mm

1800 mm <....> 2800 mm

> 2800 mm

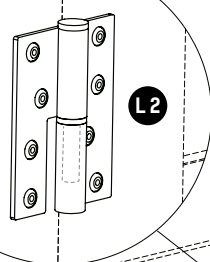
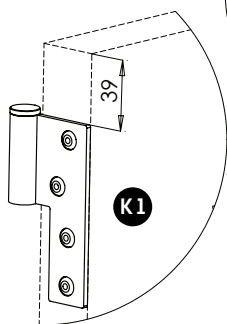


4.1

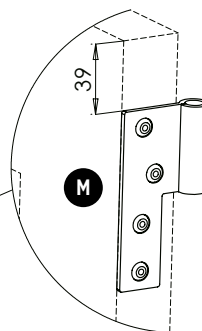
**K1** VR10821G**L1** VR10809G**L2** VR10810D**M** VR10828Opzionale
se H > 1800 mm**N1** VR10816G

Vista dall'interno

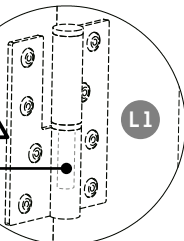
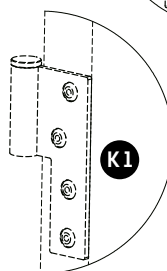
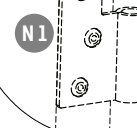
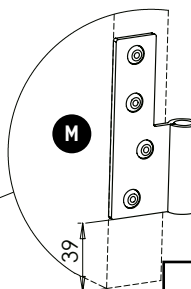
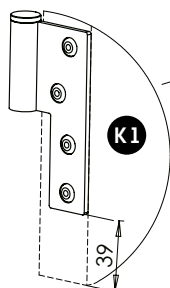
Perno verso il basso!

**L2**

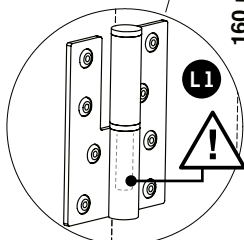
160 mini

**M**

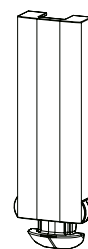
Perno verso il basso!

**L1****K1**Attenzione alla posizione
del chiavistello!
P.22**N1****M****K1**

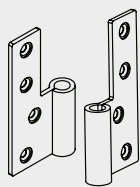
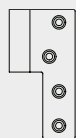
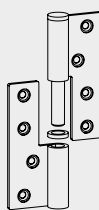
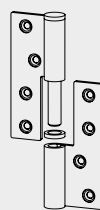
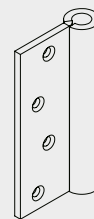
160 mini

**L1**

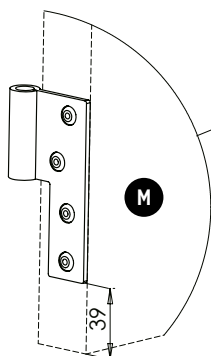
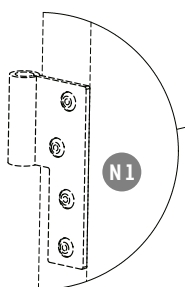
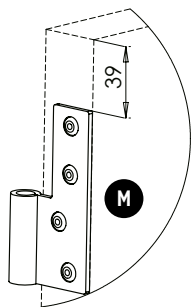
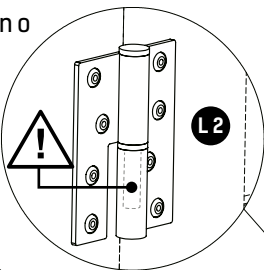
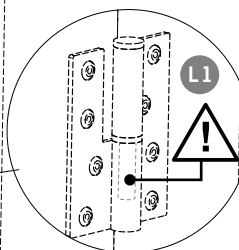
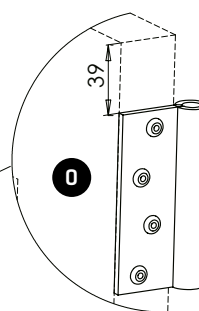
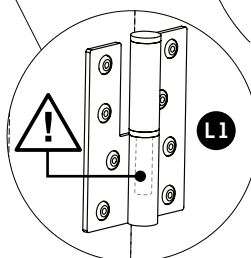
Perno verso il basso!

Possibilità
di montaggio
del chiavistello
in officina**P.22**

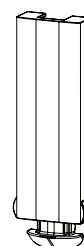
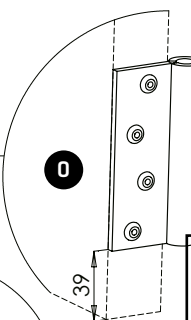
4.2

**M** VR10828Opzionale
se H > 1800 mm
N1 VR10816G**L1** VR10809G**L2** VR10810D**O** VR10818

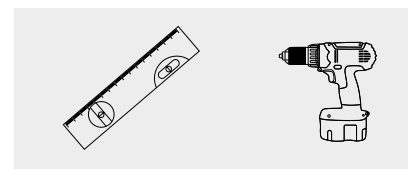
Vista dall'interno

Perno verso il
basso!Perno verso il
basso!

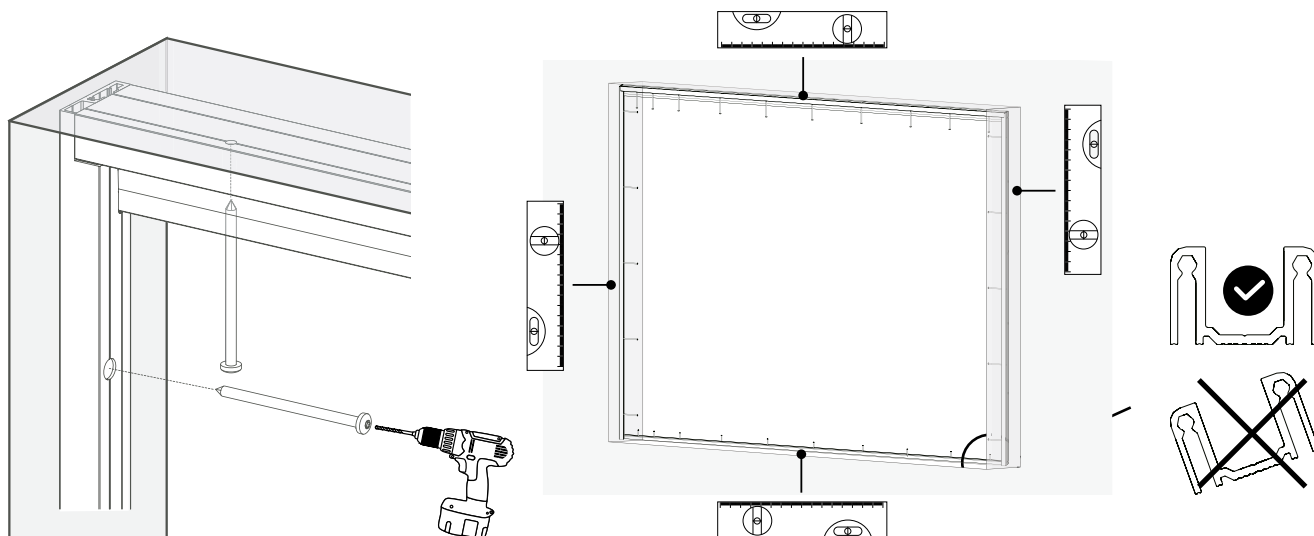
Perno verso il basso!

Attenzione alla posizione
del chiavistello!
P.22Possibilità
di montaggio
del chiavistello
in officina

P.22

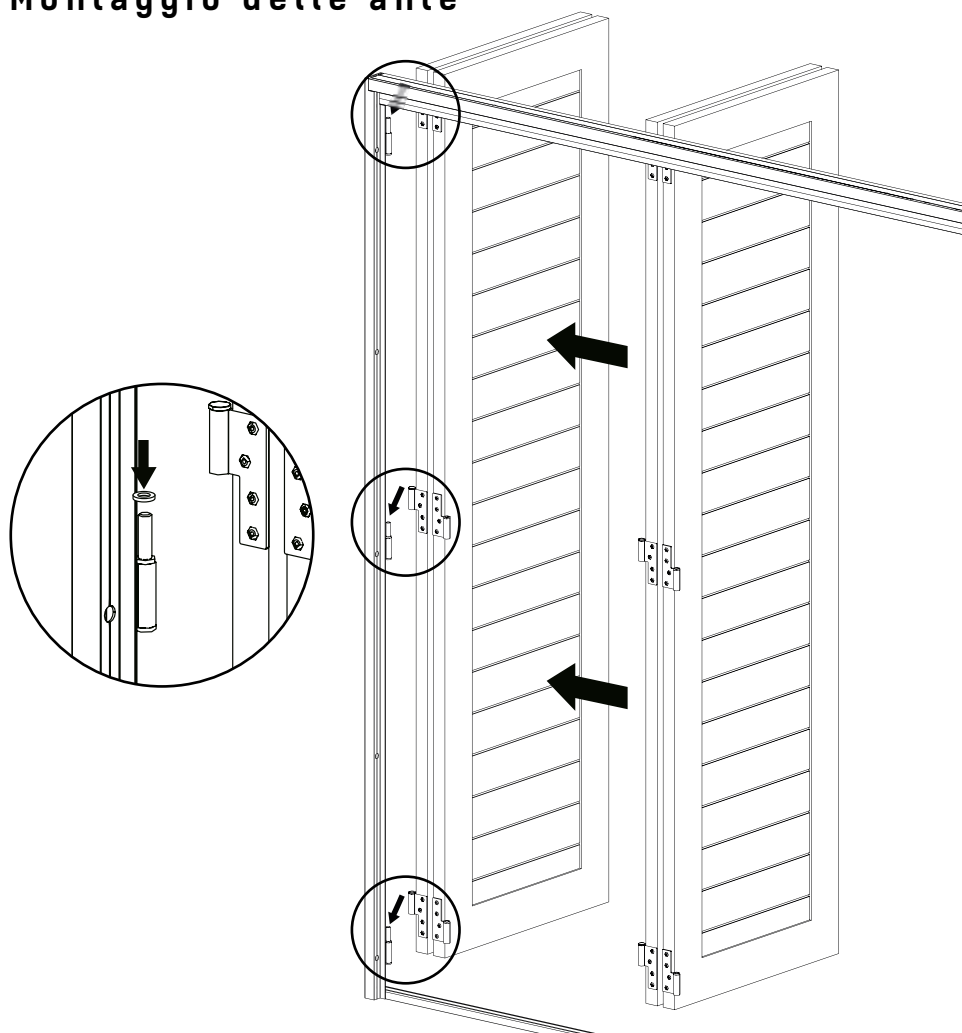


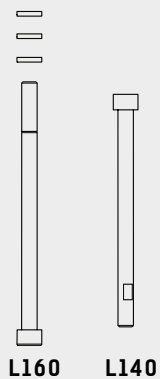
5 Installazione del telaio (regolazione geometrie e calibrzione)



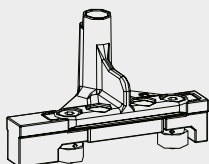
6 Montaggio delle ante

Vista dall'interno

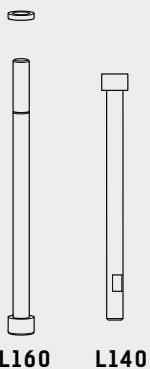




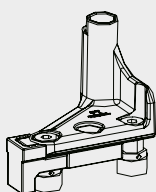
M VR10828



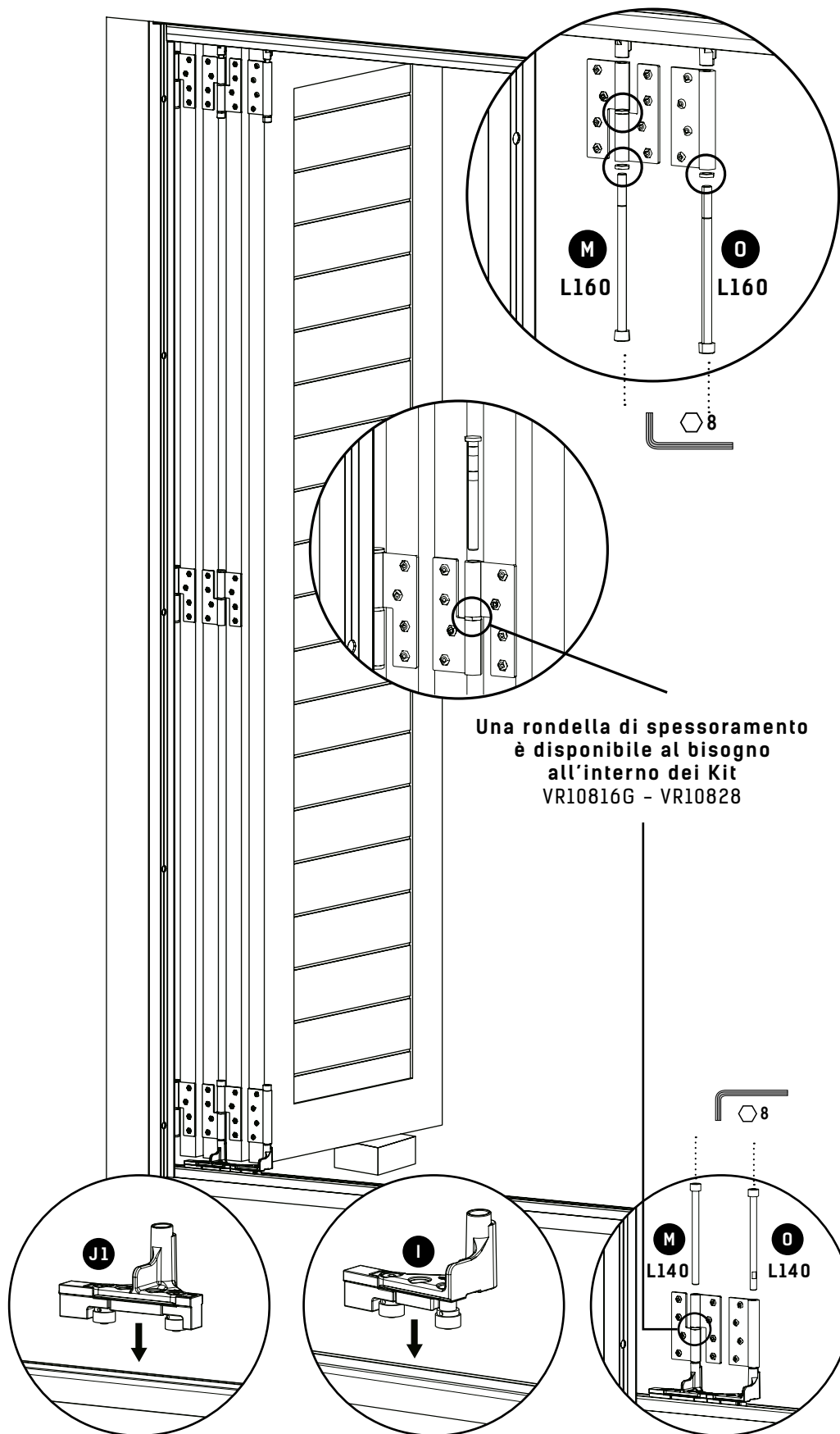
J1 VR10800G



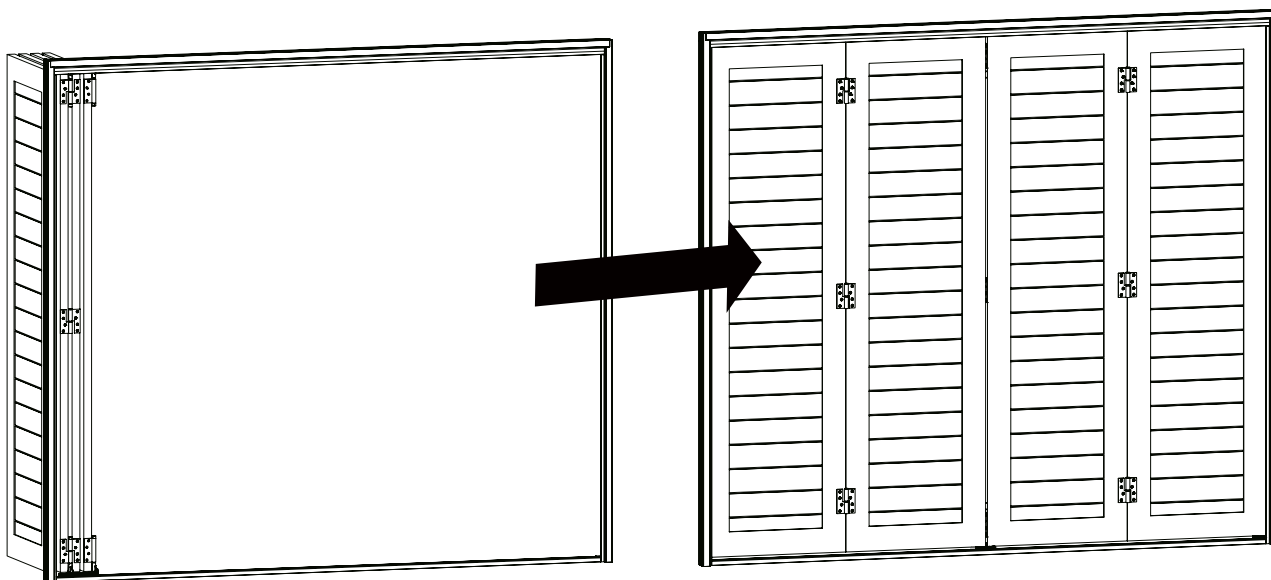
O VR10818



I1 VR10400G



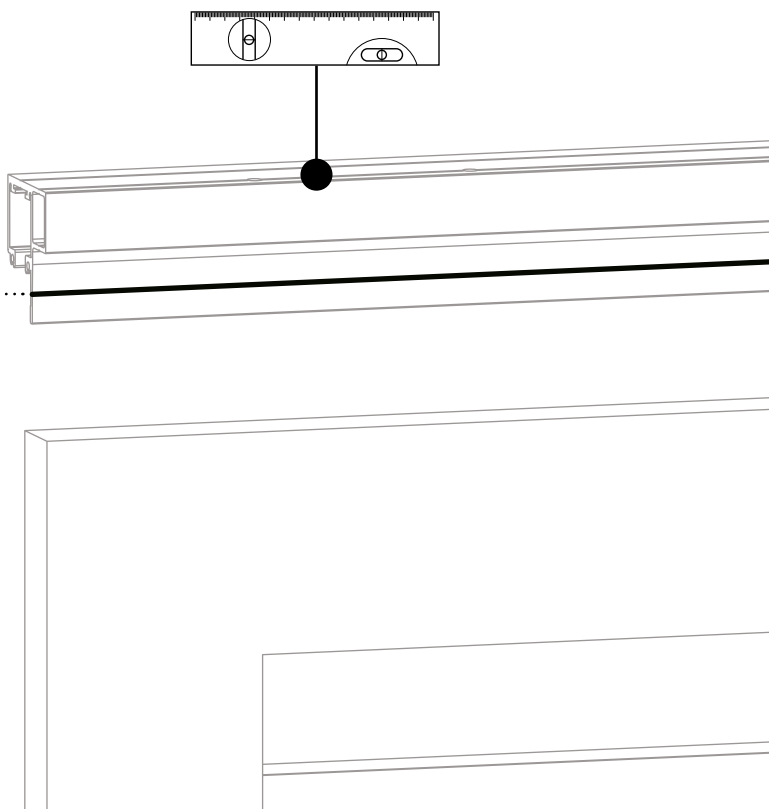
8.1



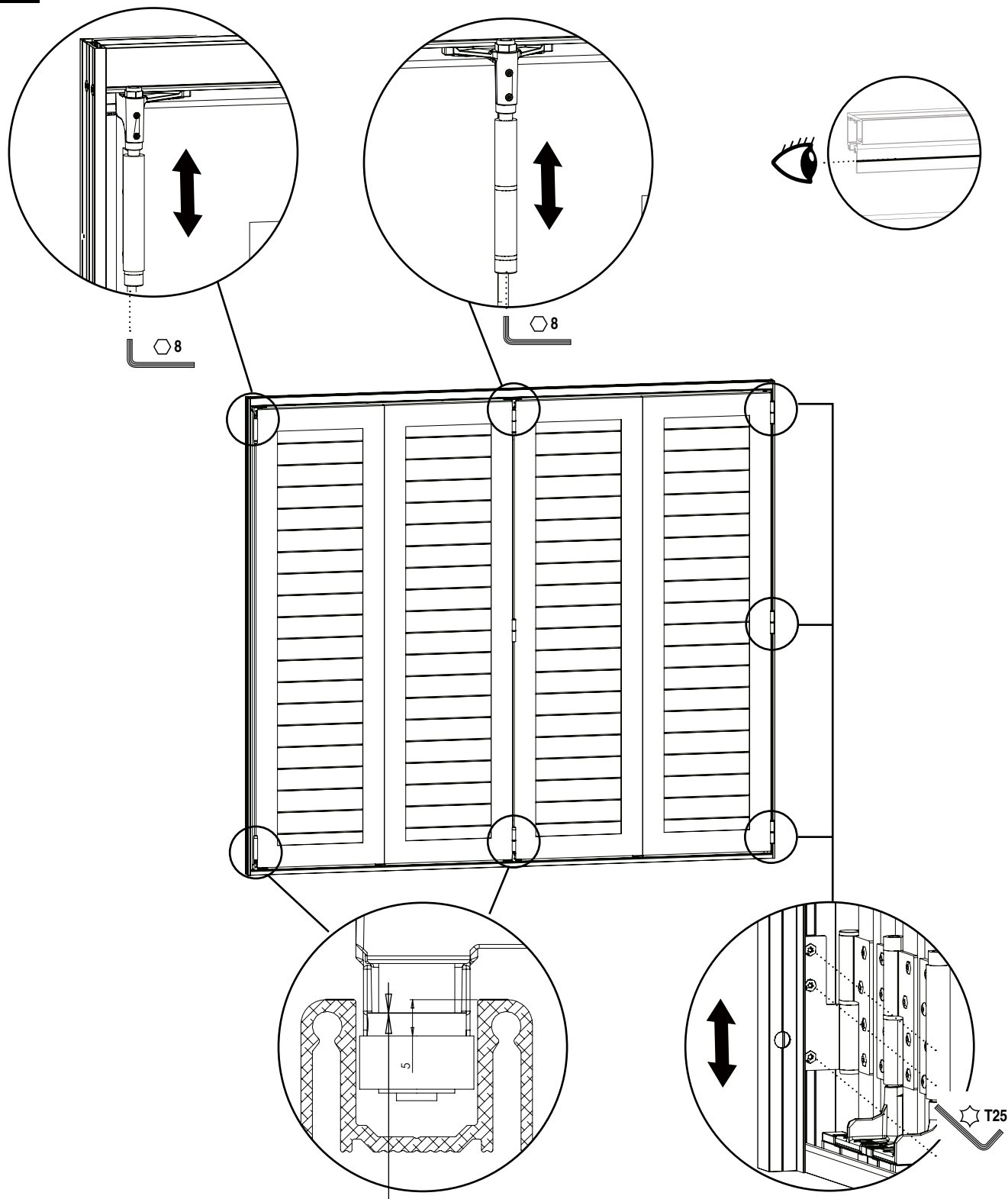
8.2



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



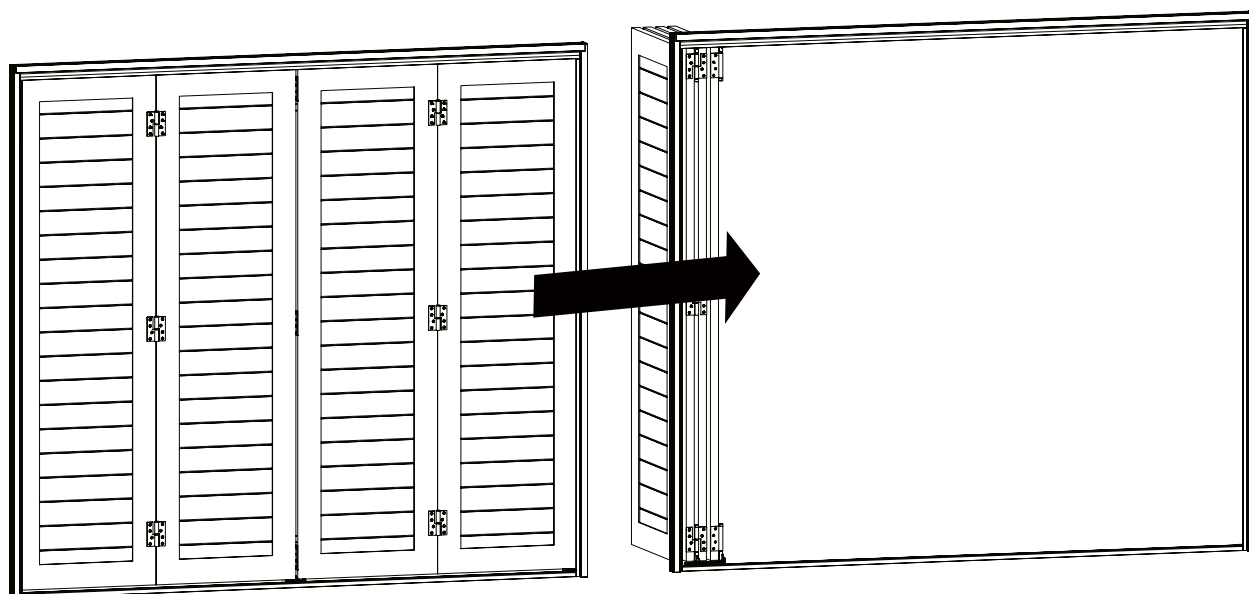
8.3



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

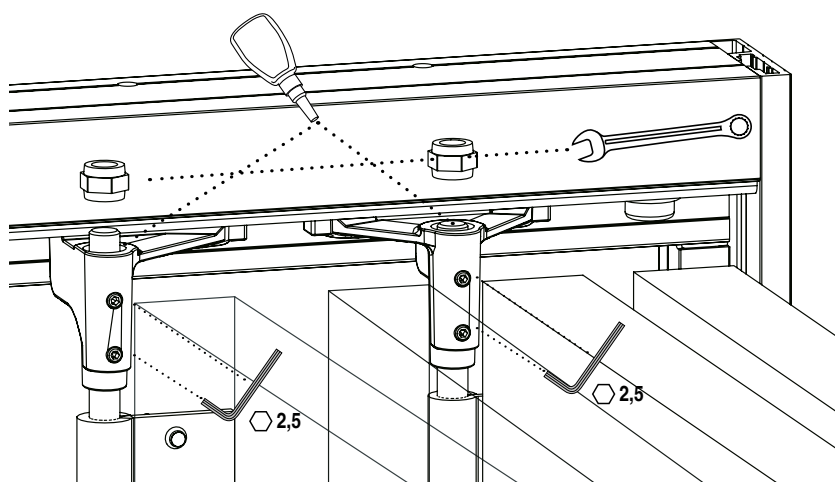


8.4

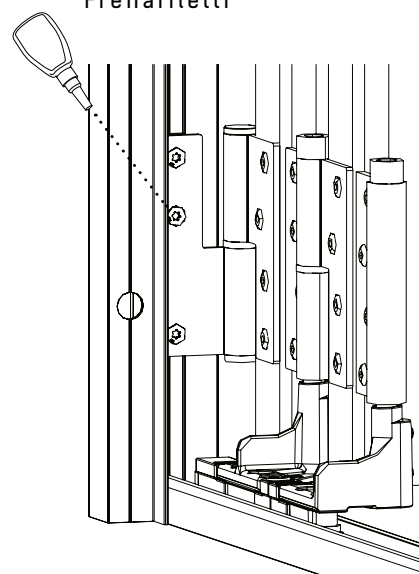


Fissaggio di sicurezza

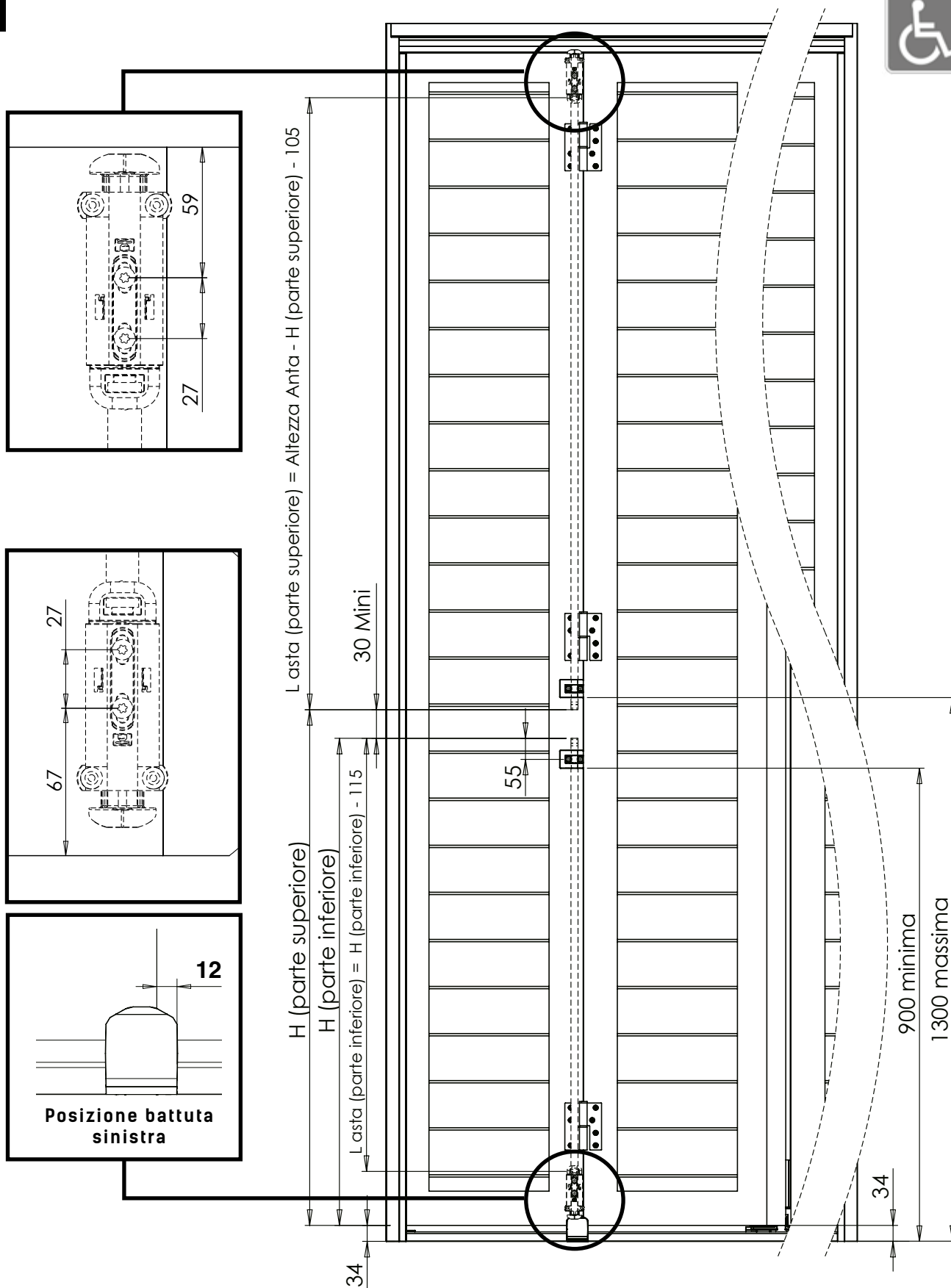
Frenafiletti

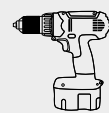
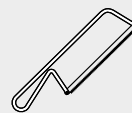


Frenafiletti

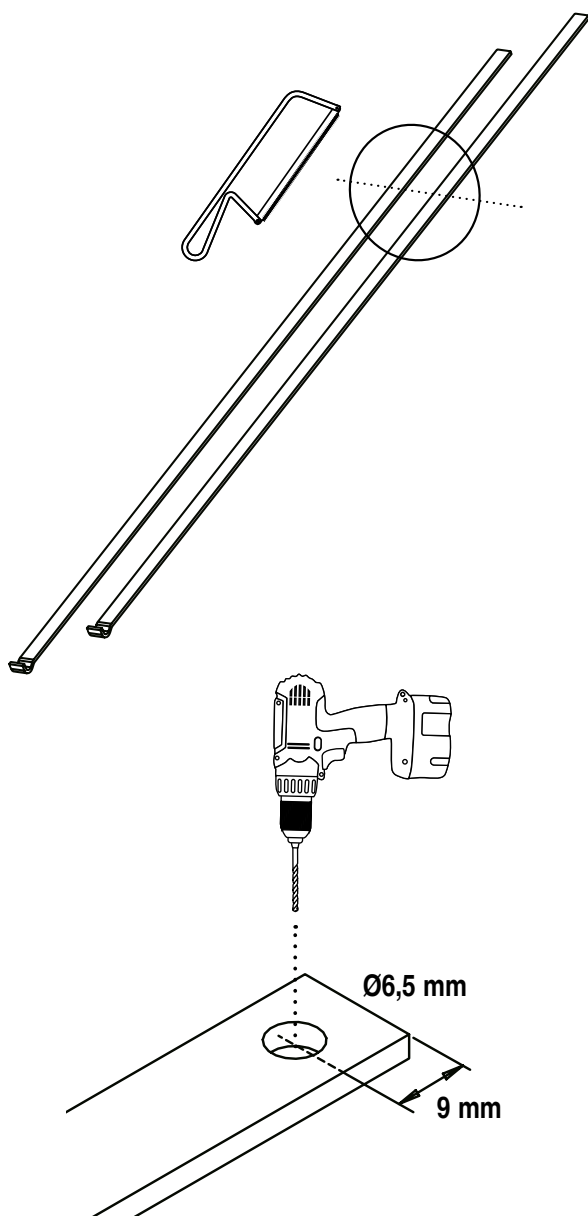
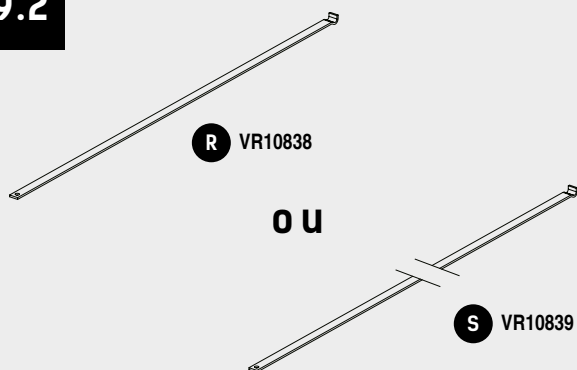


9.1

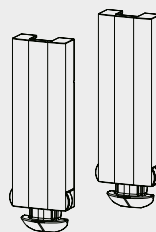




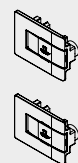
9.2



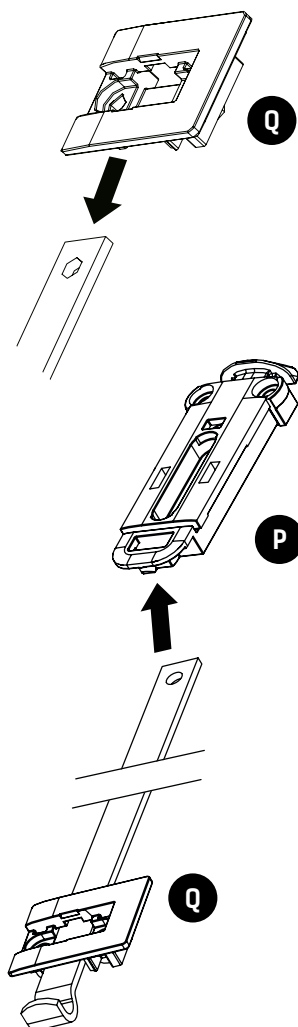
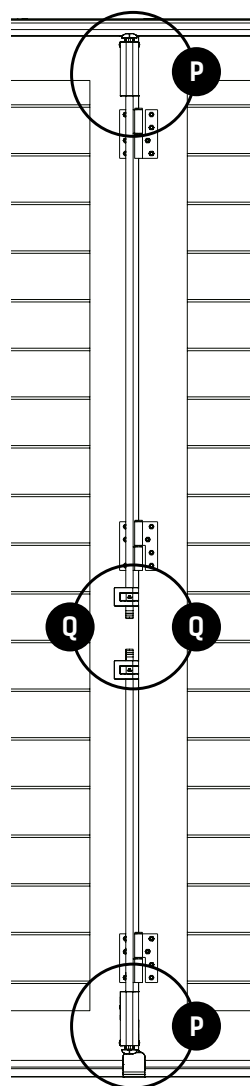
9.3

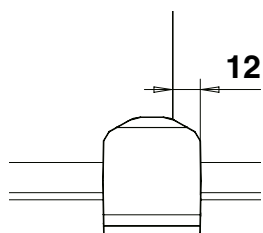
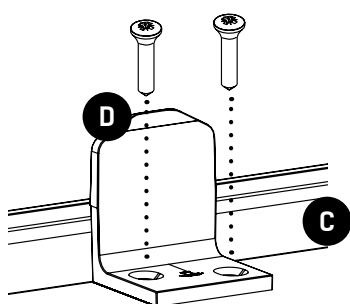
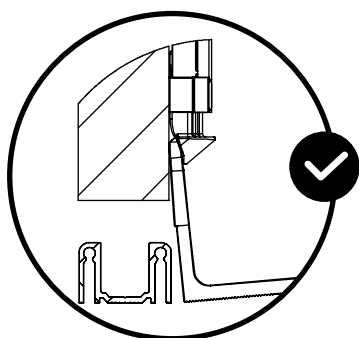
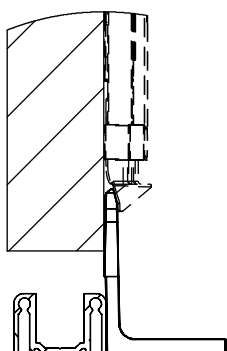
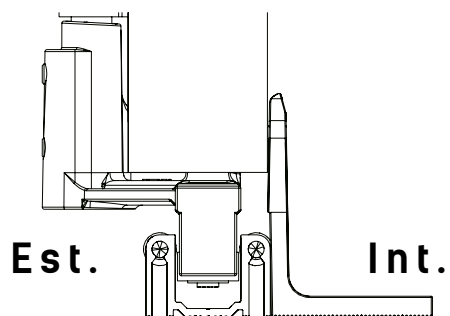
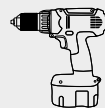


P VR10835

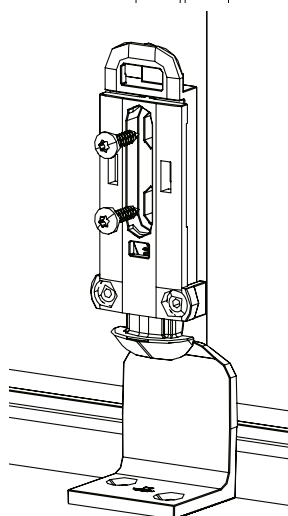
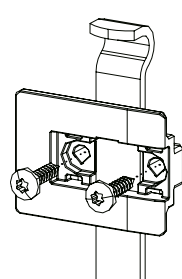
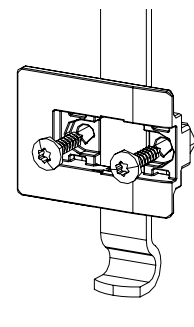
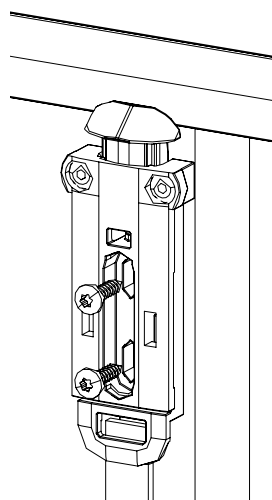


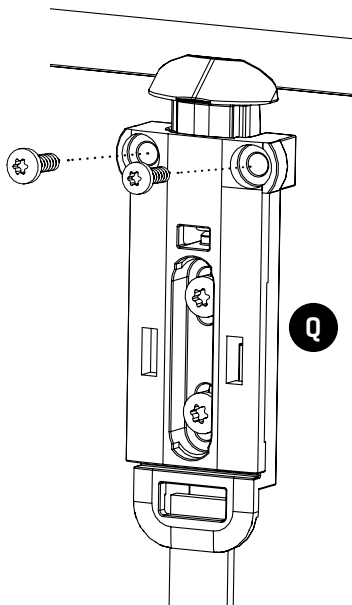
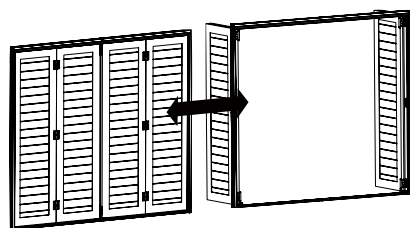
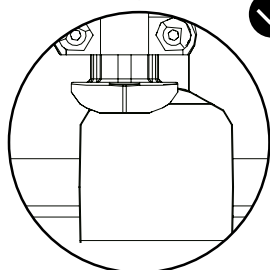
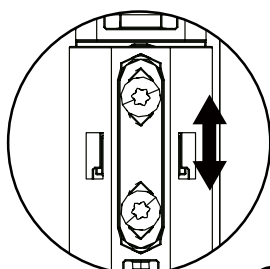
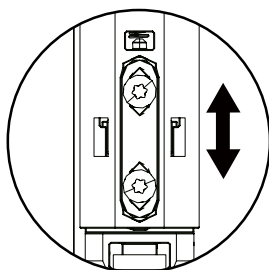
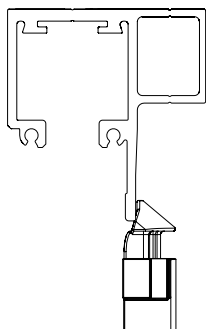
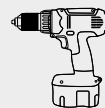
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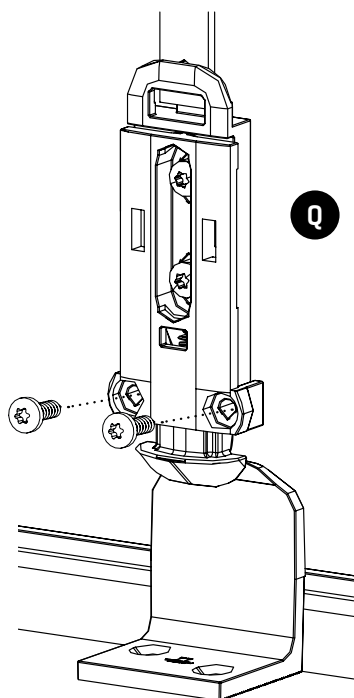


Posizione battuta
sinistra

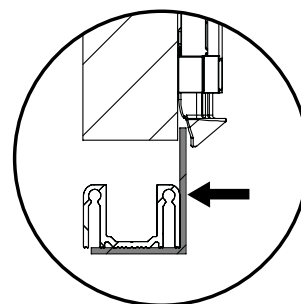
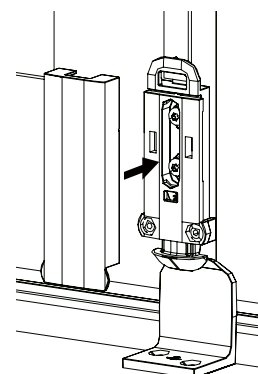
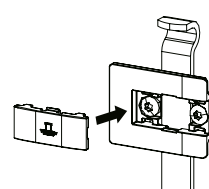
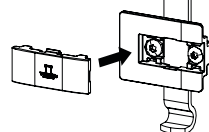
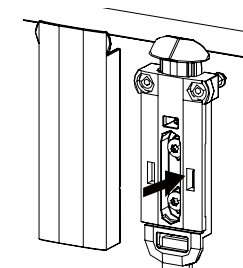




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+ AGGIUNTA OPZIONALE

Oscuramento luce



L'installazione è completata !



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