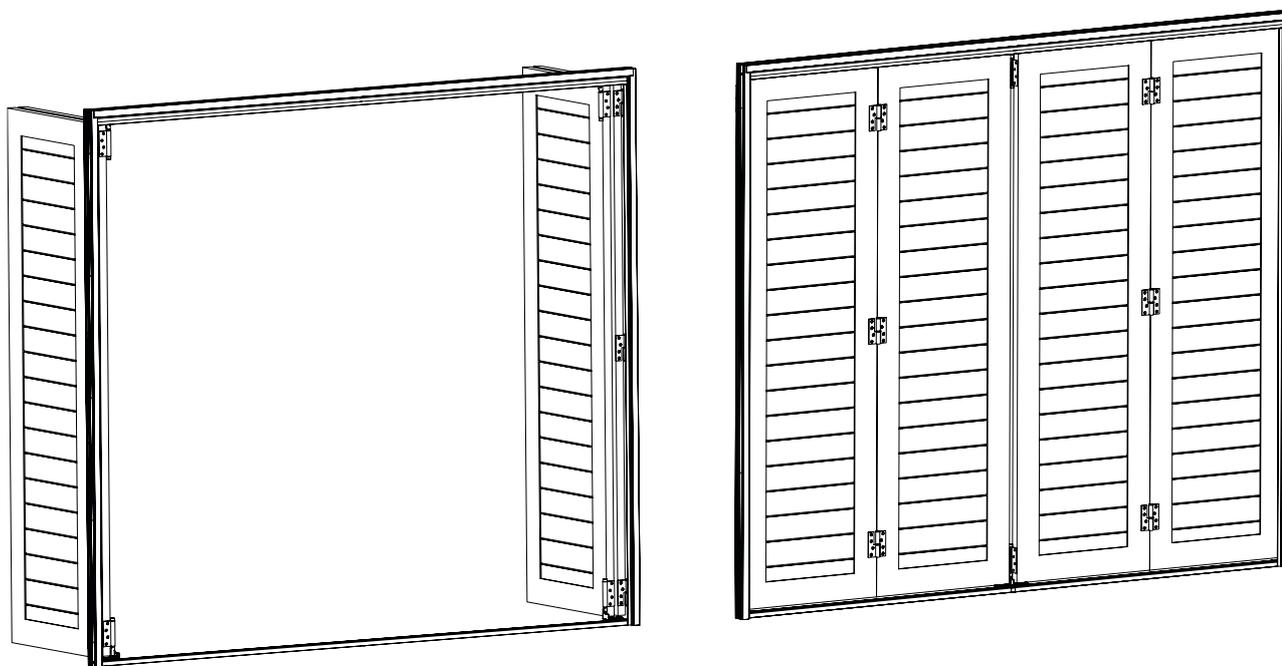




# Istruzioni di posa



Vista dall'interno



## Gamma VCP300

Ferramenta per persiane scorrevoli ripieghevoli  
Per configurazione 2+2

# Componenti

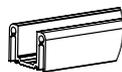
## PROFILI E ACCESSORI PER TELAIO IN ALLUMINIO



**A** VR10906



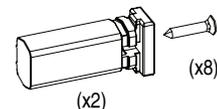
**B** VR10917



**C** VR10926



**D** VR10930



**E** VR10830  
(x2) (x8)

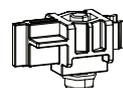
## SCORRIMENTO SUPERIORE



**F1** VR10100G

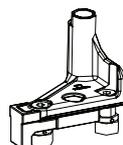


**F2** VR10200D



**G** VR10300

## SCORRIMENTO INFERIORE

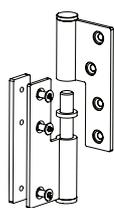


**I1** VR10400G

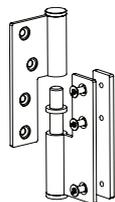


**I2** VR10500D

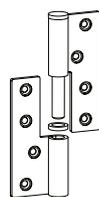
## COLLEGAMENTO PROFILI/ANTE



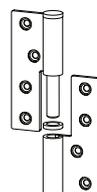
**K1** VR10821G



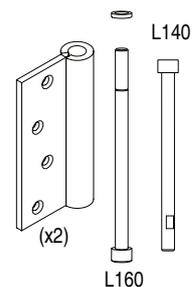
**K2** VR10822D



**L1** VR10809G

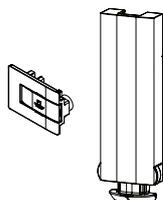


**L2** VR10810D



**O** VR10818  
(x2)

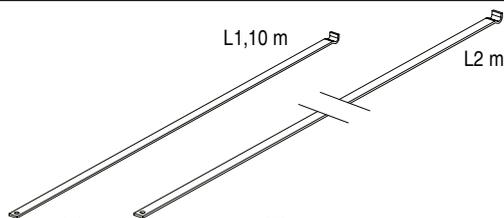
## CHIUSURA



**P** VR10835



**Q** VR10837



**R** VR10838J

**S** VR10839J

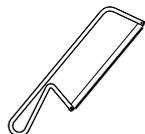
Descrizione		Codice	Conf.	H anta < 1800 mm	1800 <= H anta > 2800 mm	2800 <= H anta > = 3000 mm
				2+2	2+2	2+2
				Unità	Unità	Unità
<b>PROFILI E ACCESSORI PER TELAIO IN ALLUMINIO</b>						
<b>A</b>	BINARIO SUPERIORE IN ALLUMINIO 6M	VR10906	9	1	1	1
<b>B</b>	PROFILO TELAIO LATERALE CON BATTUTA IN ALLUMINIO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

# INFORMAZIONI

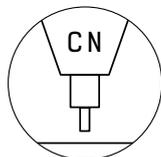
## Attrezzi Necessari



Sega circolare



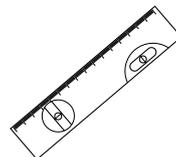
Seghetto per metallo



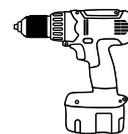
Comando numerico



Lima



Livella



Trapano / Avvitatore

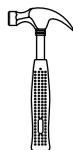


Punta per metallo

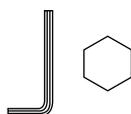
Ø13 mm  
Ø10 mm  
Ø7 mm  
Ø4,5 mm



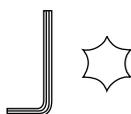
Cacciavite



Martello



Chiave a brugola 2,5 e 8



Chiave a brugola T20 e T25



Chiave combinata 14



Frenafilotti

## 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.

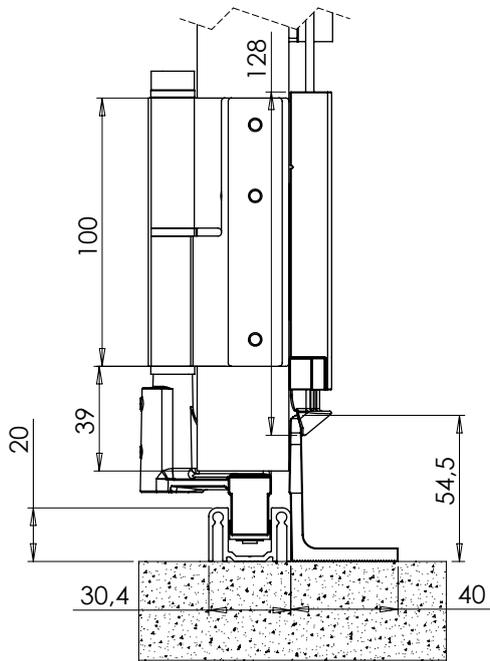
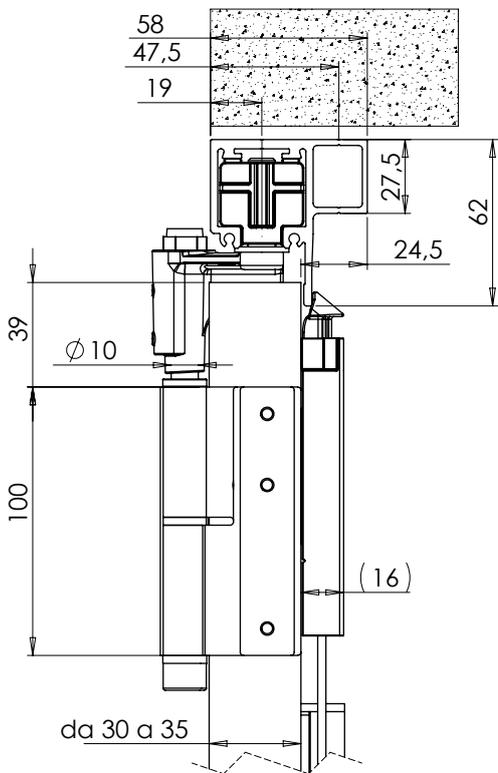
Il sistema si dovrà aprire e chiudere senza particolare sforzo (nessun attrito) e assicurarsi che non ci sia alcun ostacolo. Pulire e lubrificare regolarmente le pomelle e le ruote dei carrelli e delle guide inferiori. Sostituire i pezzi che presentano delle anomalie (usure importanti, rotture).

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.

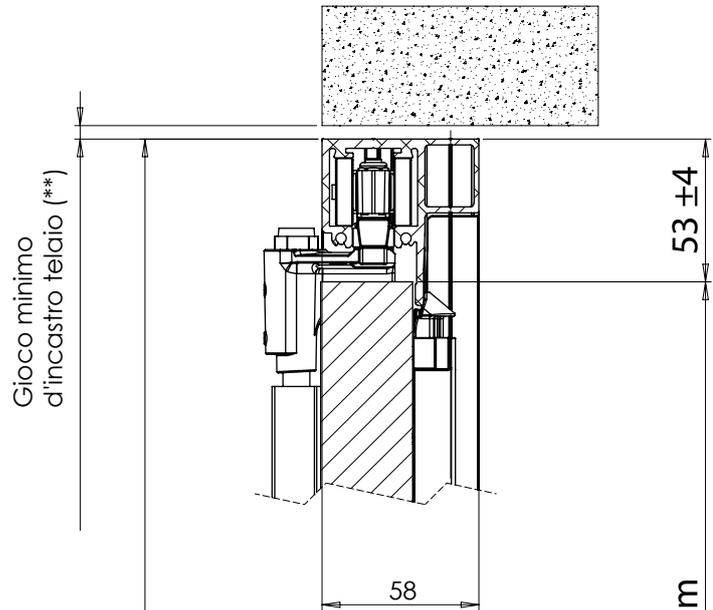
È compito del produttore fornire all'utilizzatore finale i consigli di utilizzo e di pulizia dei nostri prodotti.

**Altezza Anta = Altezza telaio - 87 mm**



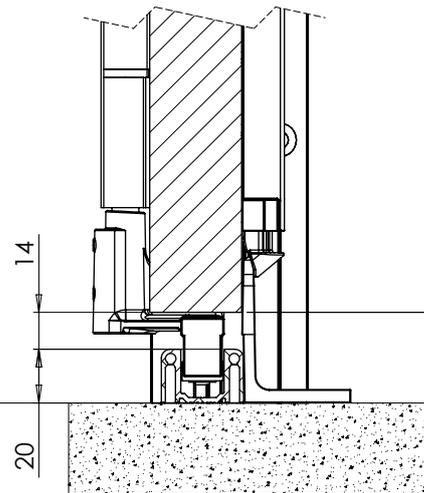
Lato esterno

Lato interno



Altezza telaio

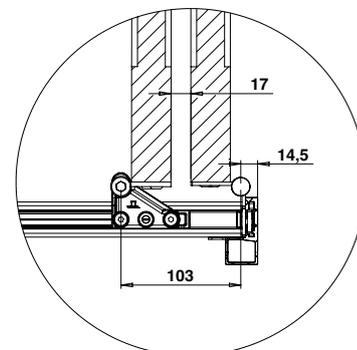
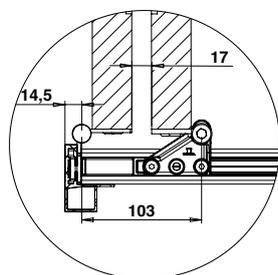
Altezza Anta = Altezza telaio - 87 mm



Lato esterno

Lato interno

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



INTERNO

$$\text{Larghezza anta} = (L - J^{(*)} - 71) / 4$$

LATO ESTERNO



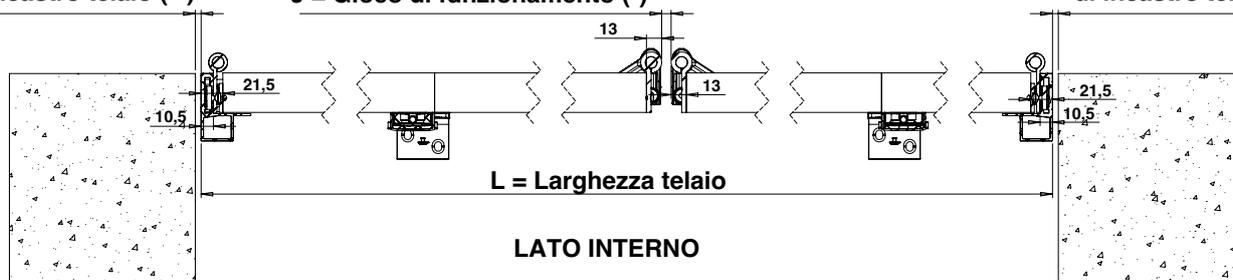
LATO INTERNO

Gioco minimo di incastro telaio (\*\*)

LATO ESTERNO

J = Gioco di funzionamento (\*)

Gioco minimo di incastro telaio (\*\*)



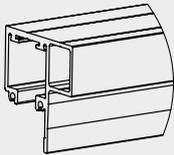
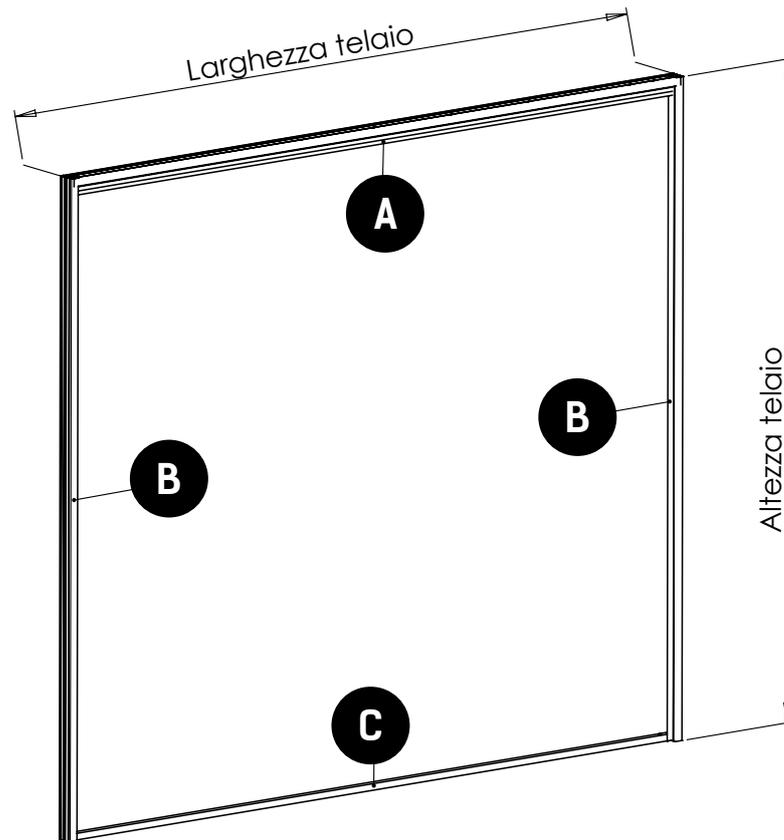
L = Larghezza telaio

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.

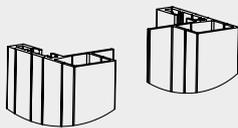
(\*) Arretramento del carrello: Larghezza anta 500 mm => 5 mm, 400 mm => 6.5 mm, 300 mm => 8.5 mm, 200 mm => 13 mm.

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



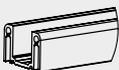
**A** VR10906

**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**

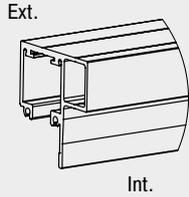
# 2

## Foratura e lavorazione dei profili

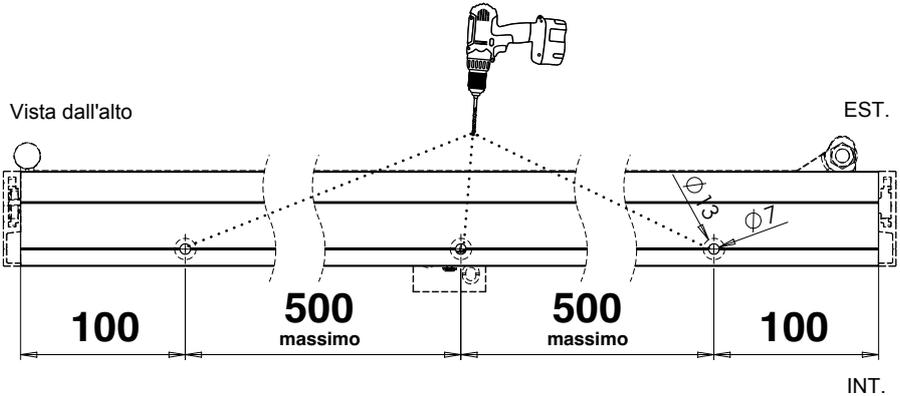


I punti di fissaggio devono essere a livello dei singoli punti.

### 2.1

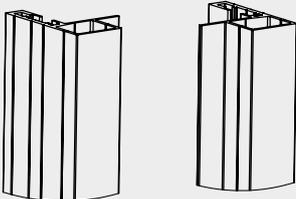


**A** VR10906



### 2.2

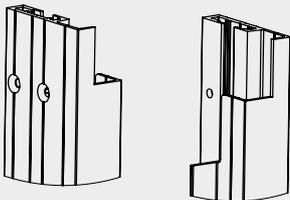
Prima della lavorazione



Sinistra

Destra

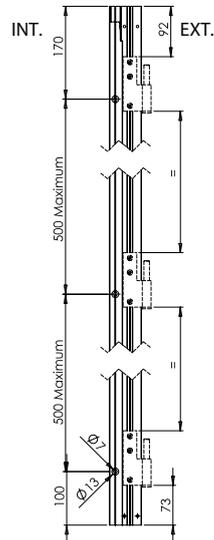
Dopo della lavorazione



Sinistra

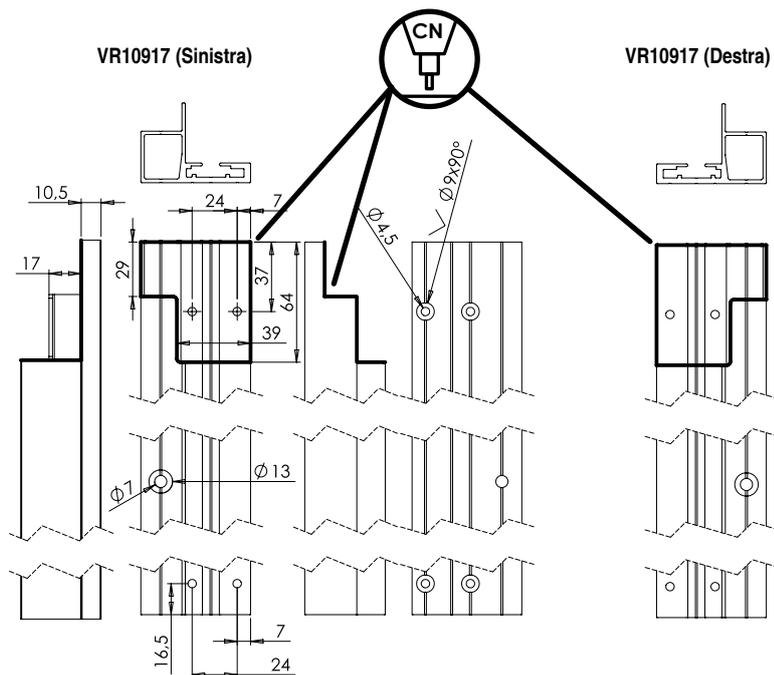
Destra

**B** VR10917



VR10917 (Sinistra)

VR10917 (Destra)



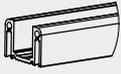
# 2

## Foratura e lavorazione dei profili

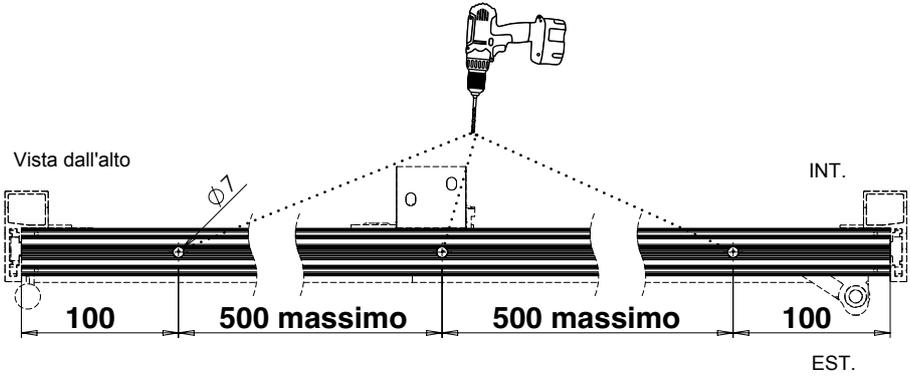


I punti di fissaggio devono essere a livello dei singoli punti.

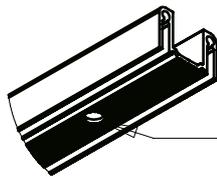
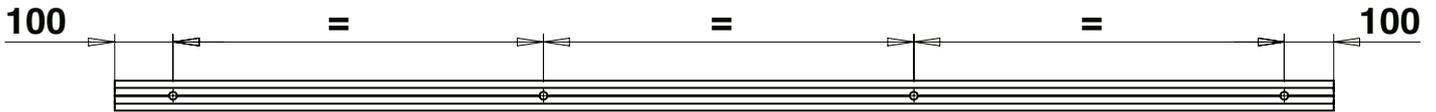
### 2.3



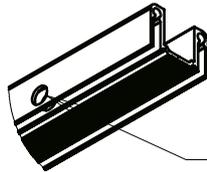
VR10926



## Drenaggio del binario di guida inferiore

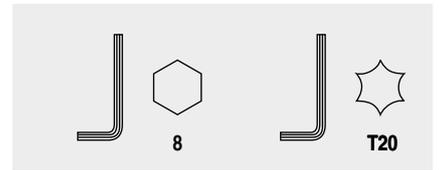


Drenaggio verticale Ø8



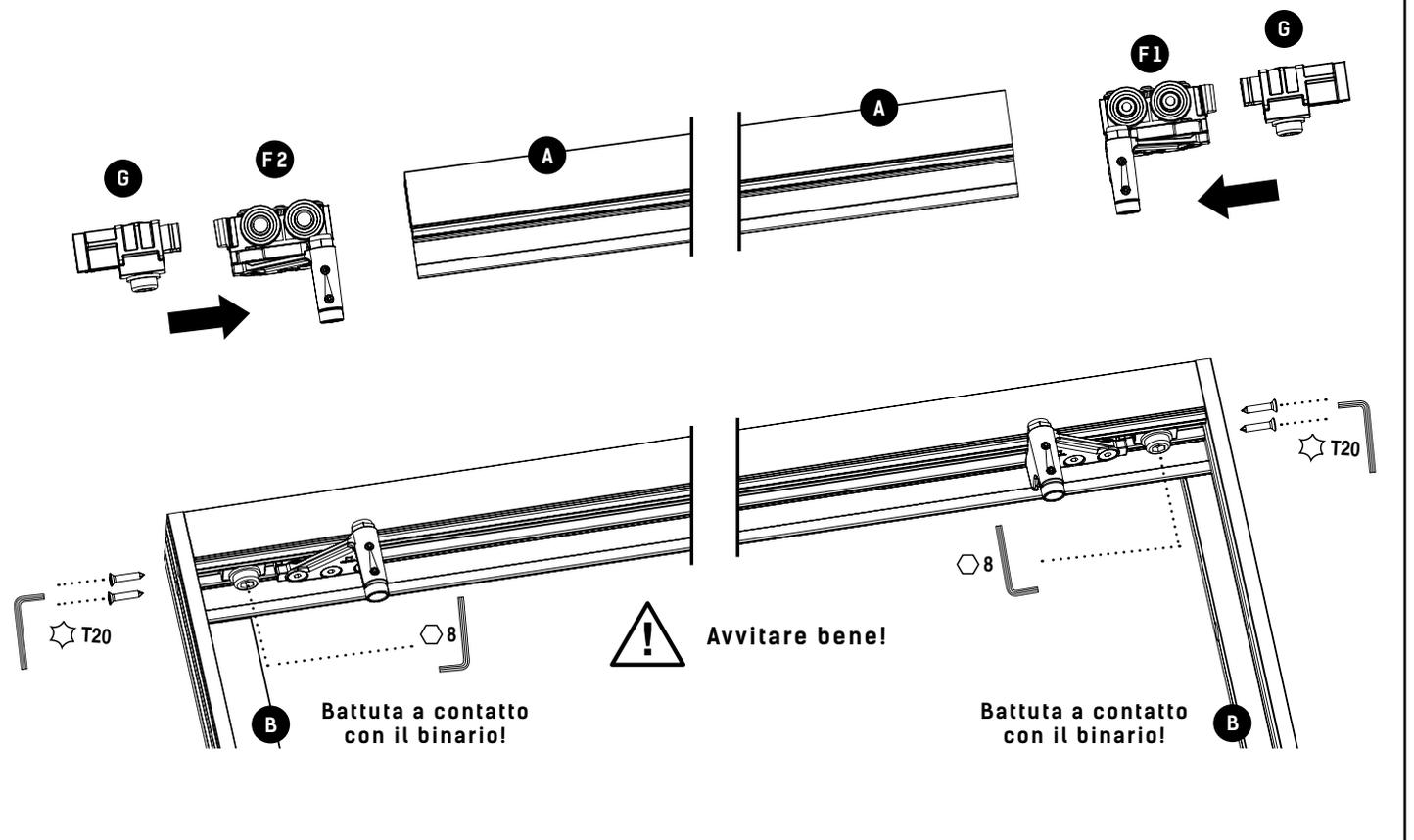
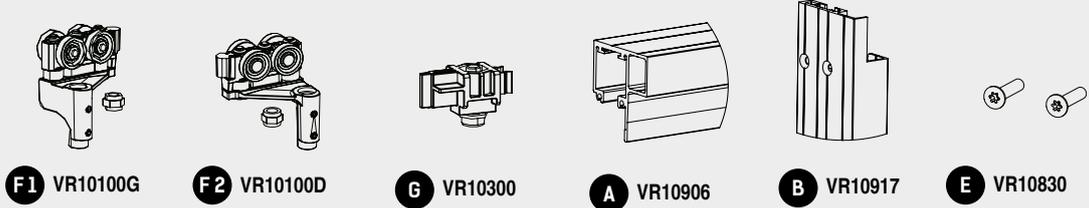
Drenaggio orizzontale Ø8  
(orientato verso l'esterno)

# 3 Montaggio del telaio

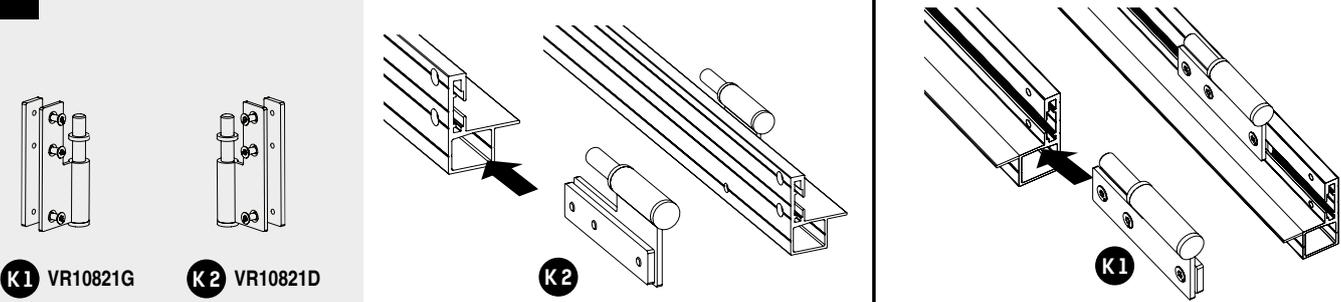


Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

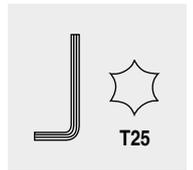
## 3.1



## 3.2

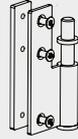


# 3 Montaggio del telaio

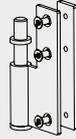


Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

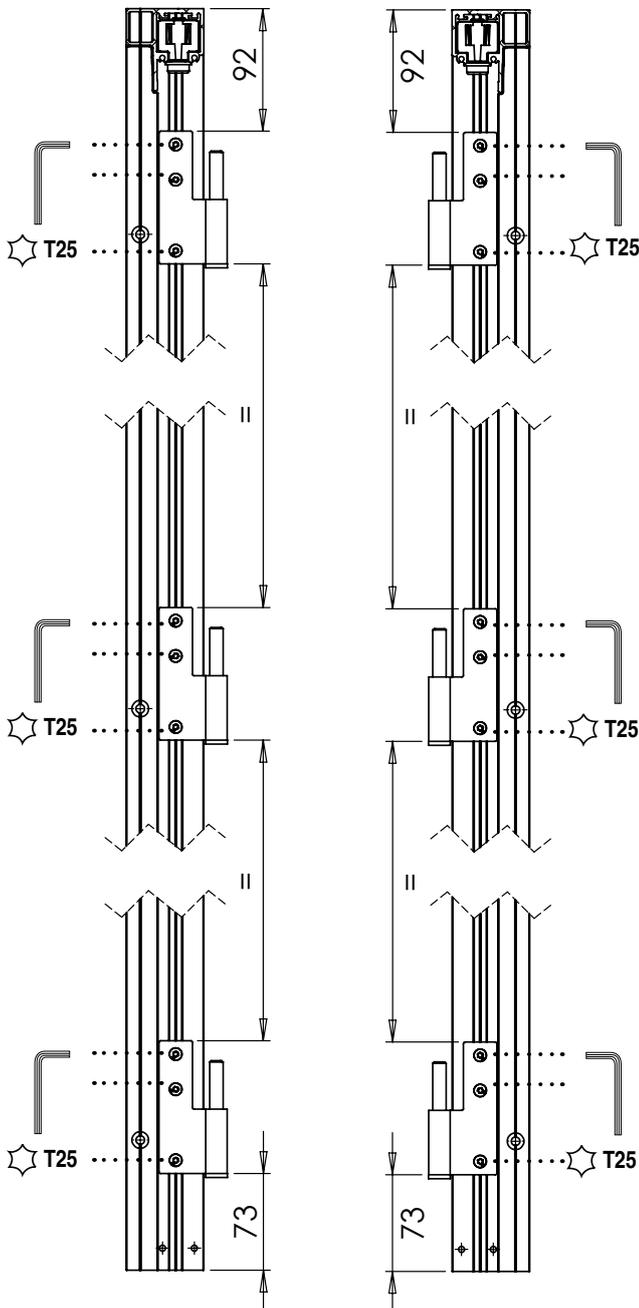
## 3.3



**K1** VR10821G



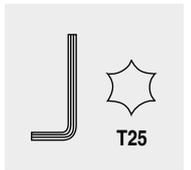
**K2** VR10821D



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

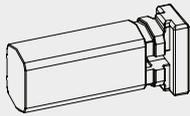
Side views of the frame assembly for different heights (H). The views show the vertical profile and the placement of the fasteners. The height H is indicated for each view.

# 3 Montaggio del telaio

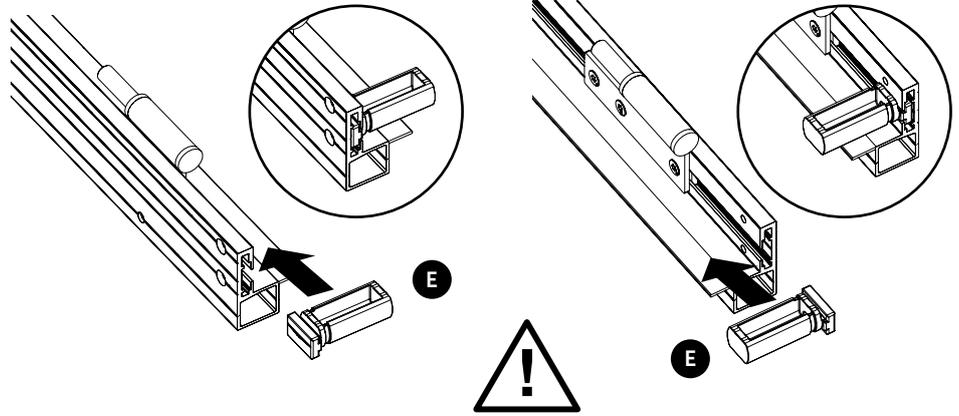


Per facilitare il montaggio e permettere la posa a terra del telaio, i passaggi qui di seguito sono orientati con vista dall'esterno.

## 3.4

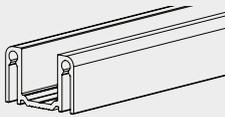


**E** VR10830



**Attenzione al senso di posa della battuta!**

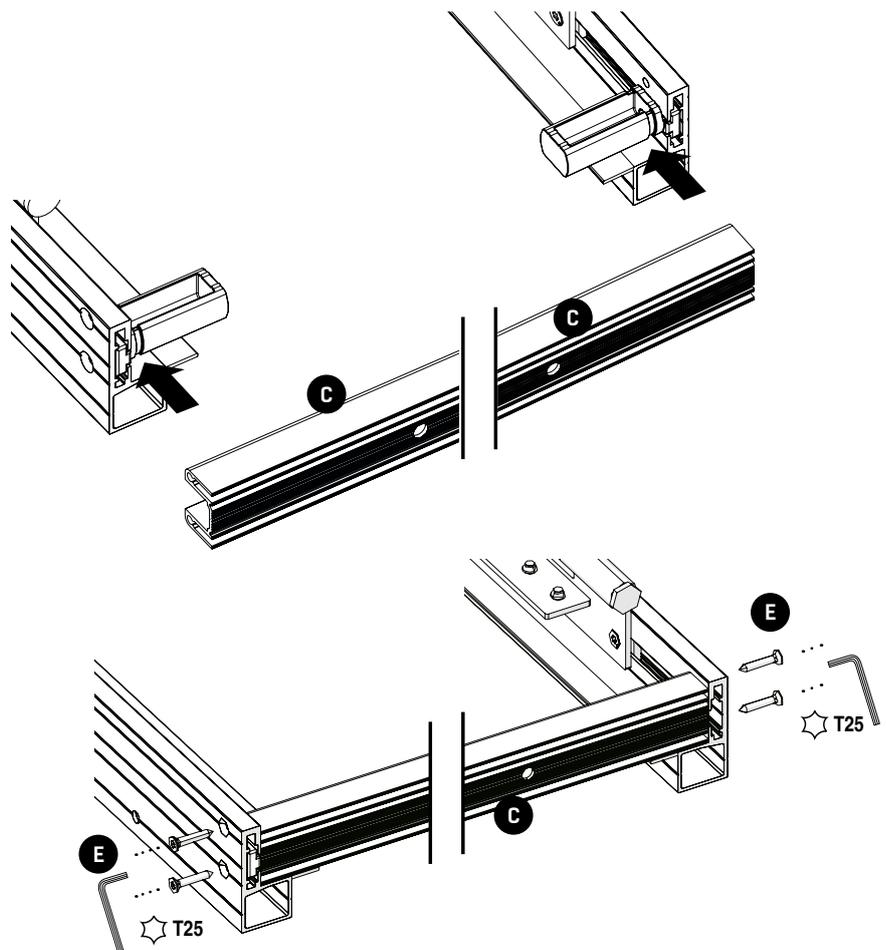
## 3.5



**C** VR10926



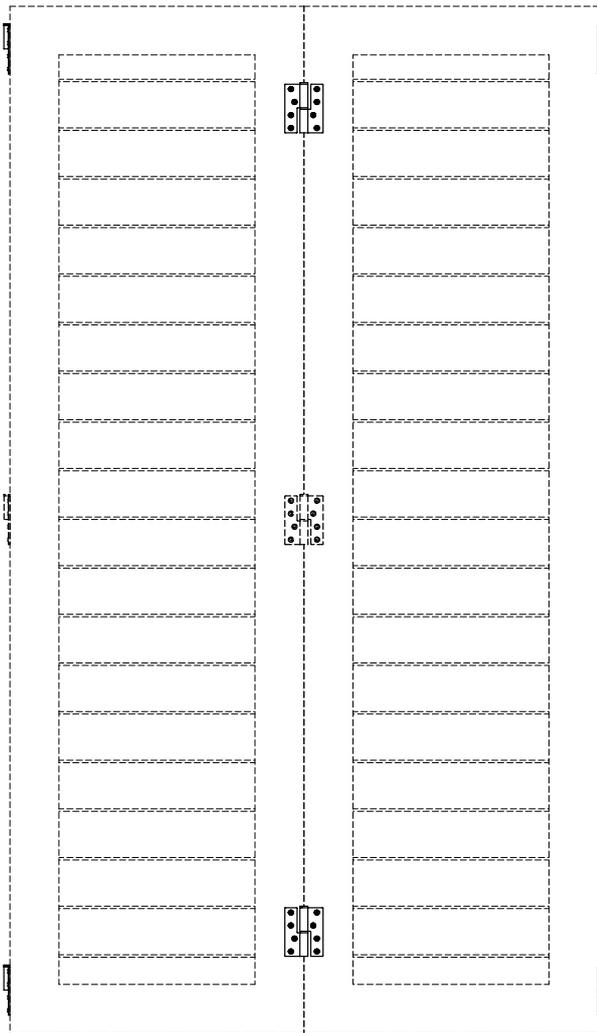
**E** VR10830



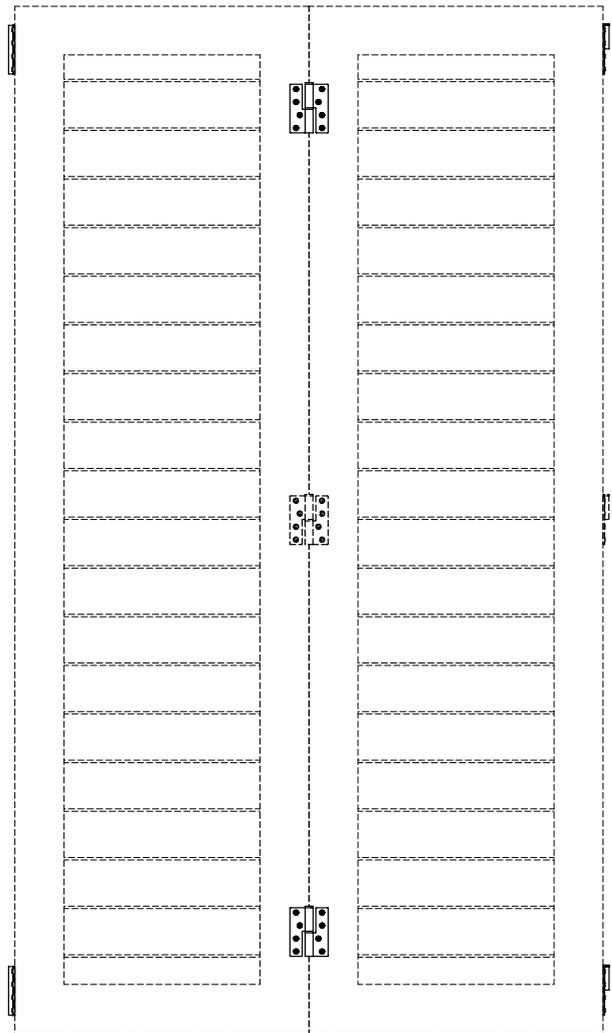
# 4

## Preparazione delle ante

Vista dall'interno

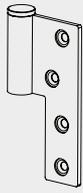


**SINISTRA**

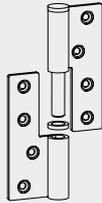


**DESTRA**

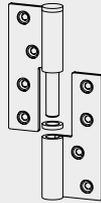
H		
< 1800 mm	1800 mm <....> 2800 mm	> 2800 mm



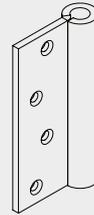
**K1** VR10821G



**L1** VR10809G



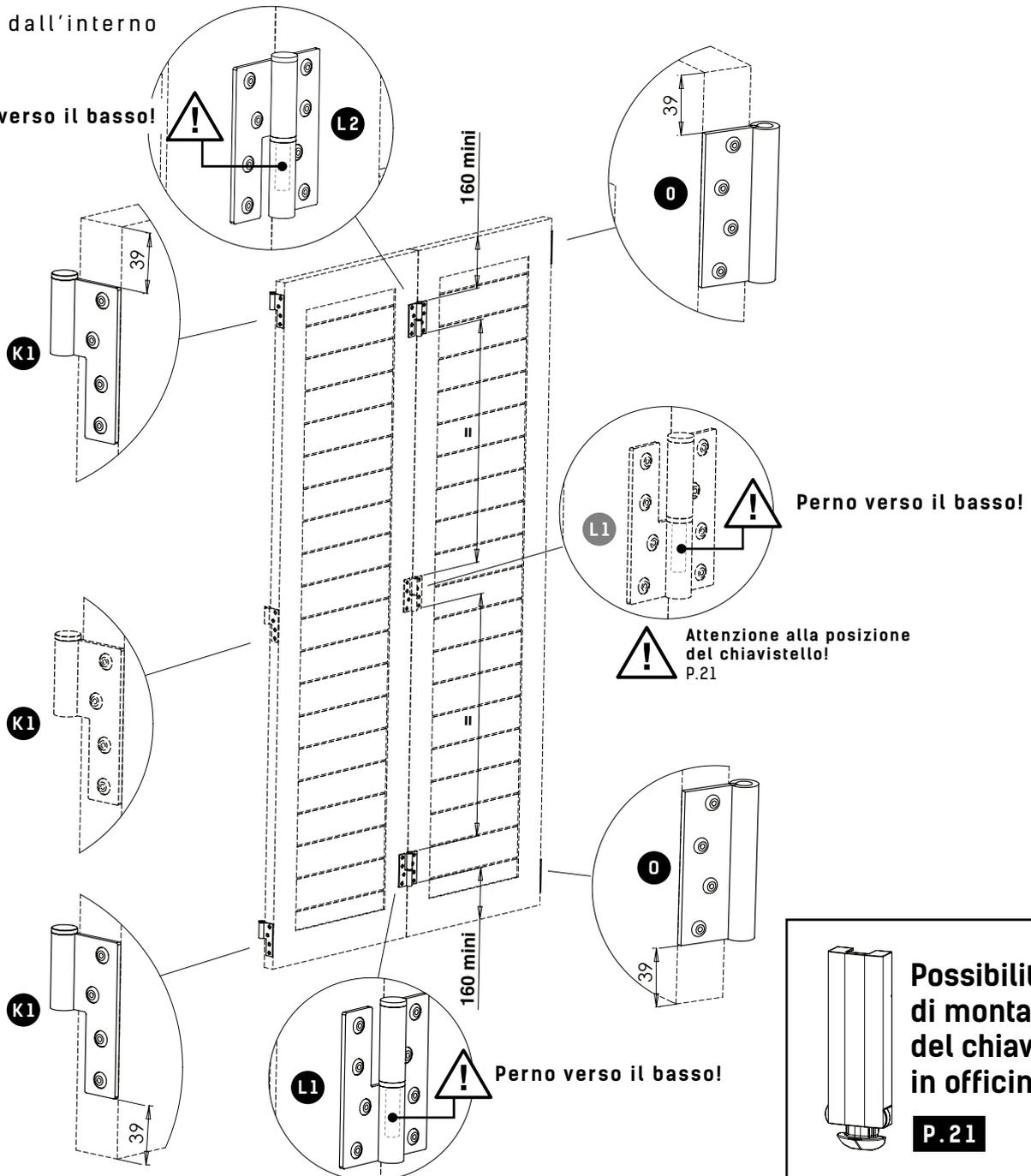
**L2** VR10810D



**O** VR10818

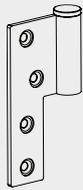
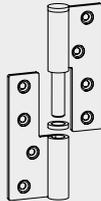
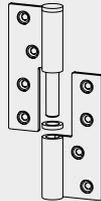
Vista dall'interno

Perno verso il basso!



Possibilità  
di montaggio  
del chiavistello  
in officina

**P.21**


**K2** VR10822D

**L1** VR10809G

**L2** VR10810D

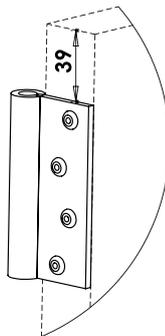
**O** VR10818

Vista dall'interno

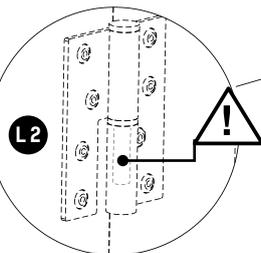
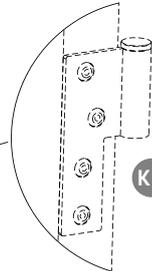
Perno verso il basso!


**L1**

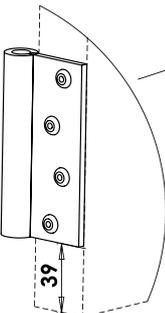
39

**K2**
**O**

**L2**

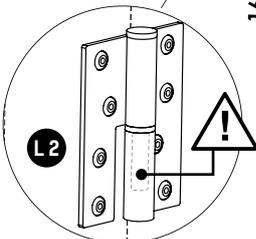
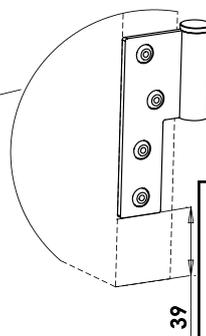
Perno verso il basso!


**K2**

 Attenzione alla posizione  
 del chiavistello!  
 P.21

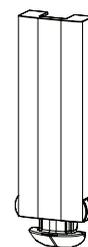
160 mini

**O**

**L2**

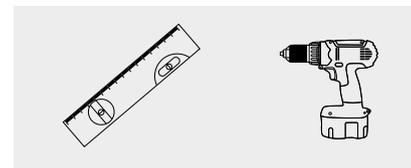
Perno verso il basso!


**K2**


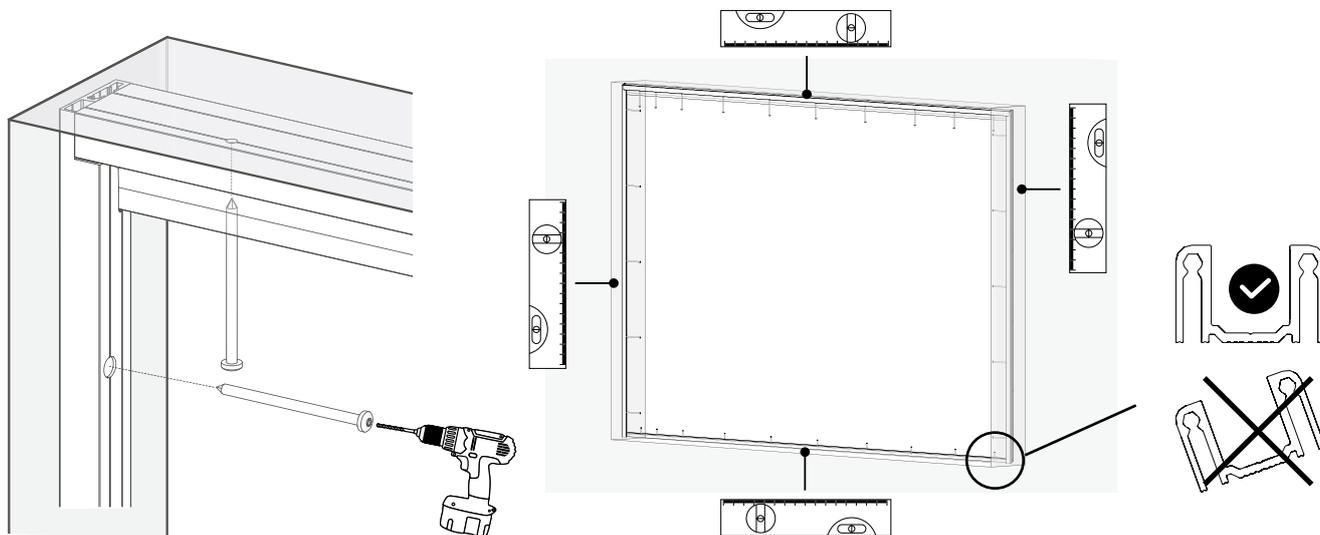
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 Possibilità  
 di montaggio  
 del chiavistello  
 in officina

**P. 21**

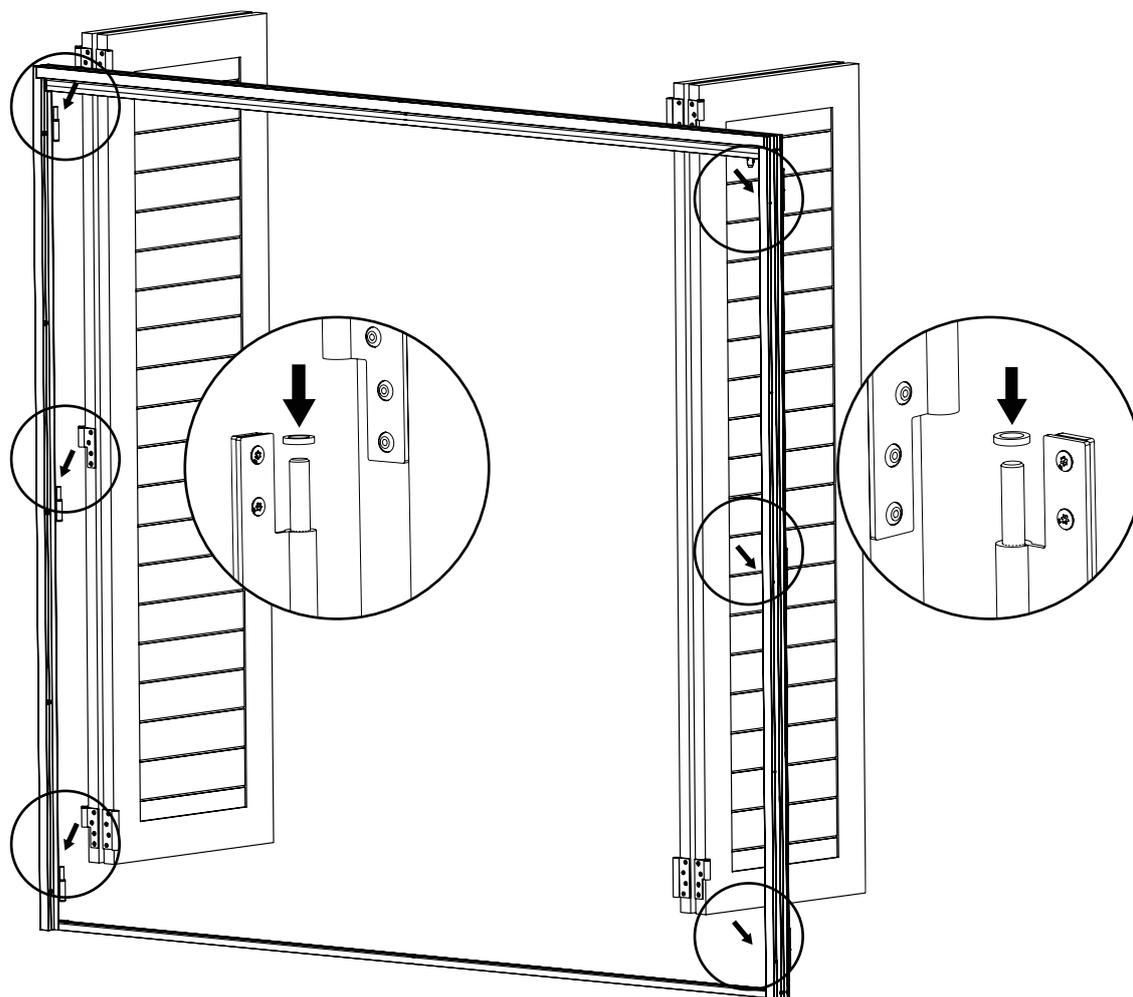


## 5 Installazione del telaio (regolazione geometrie e calibrzione)



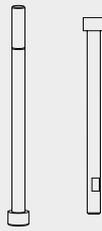
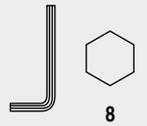
## 6 Montaggio delle ante

Vista dall'interno

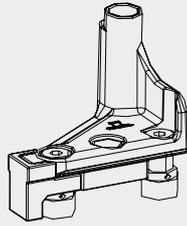


# 7

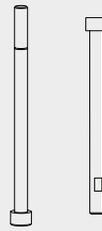
## Montaggio delle guide



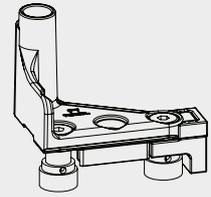
0 VR10818



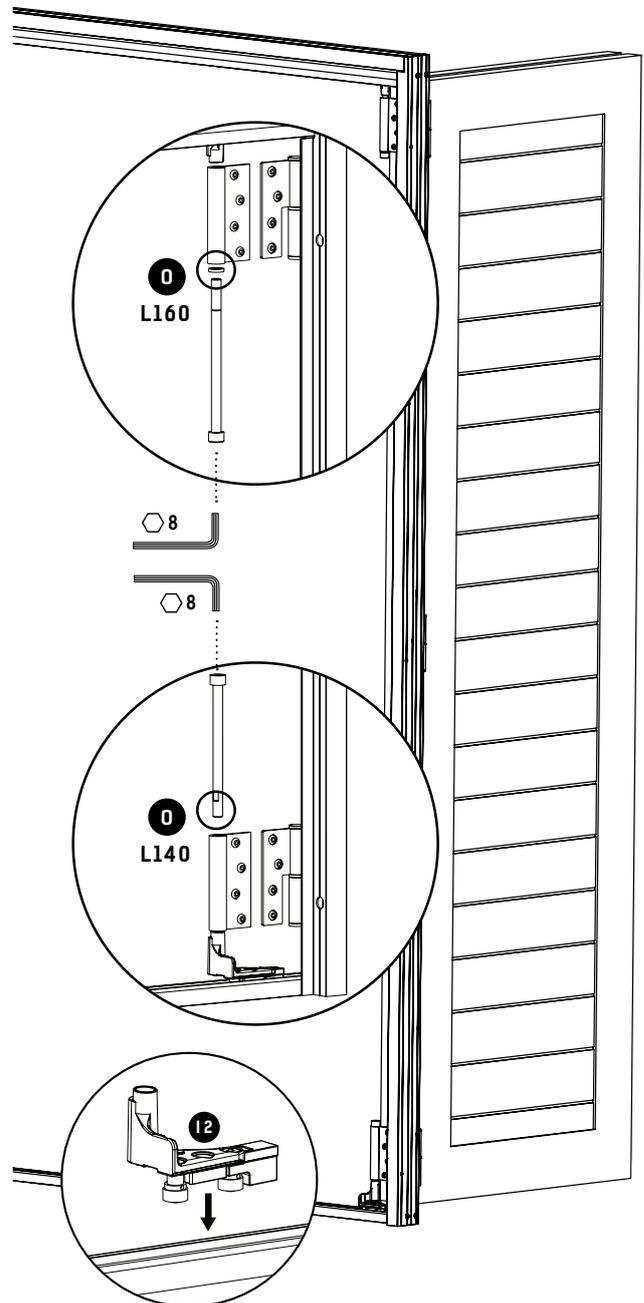
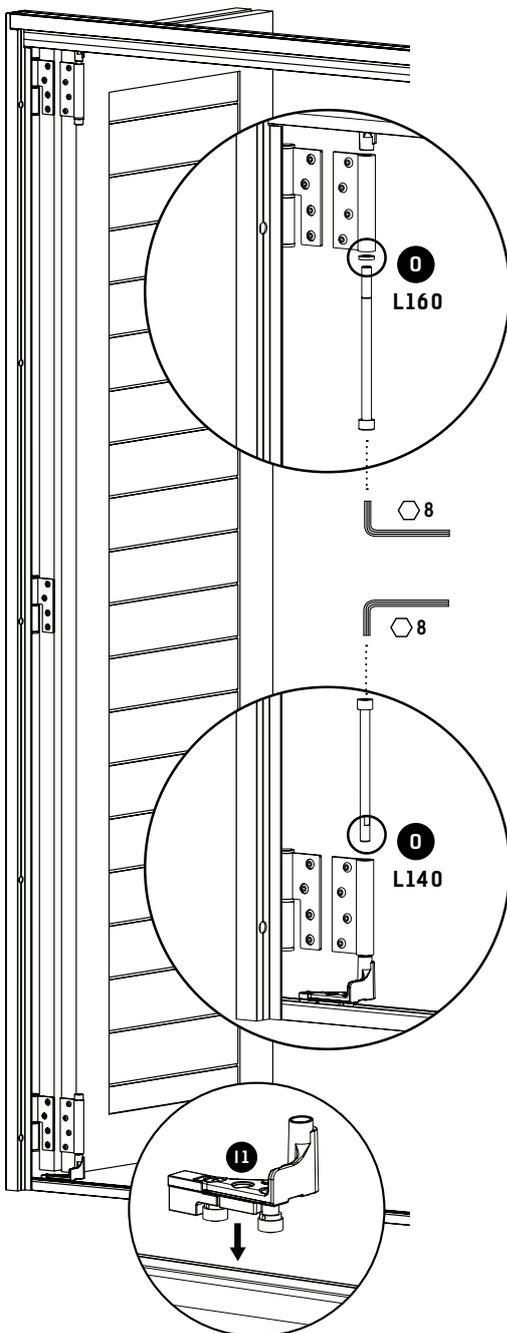
11 VR10400G

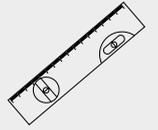


0 VR10818

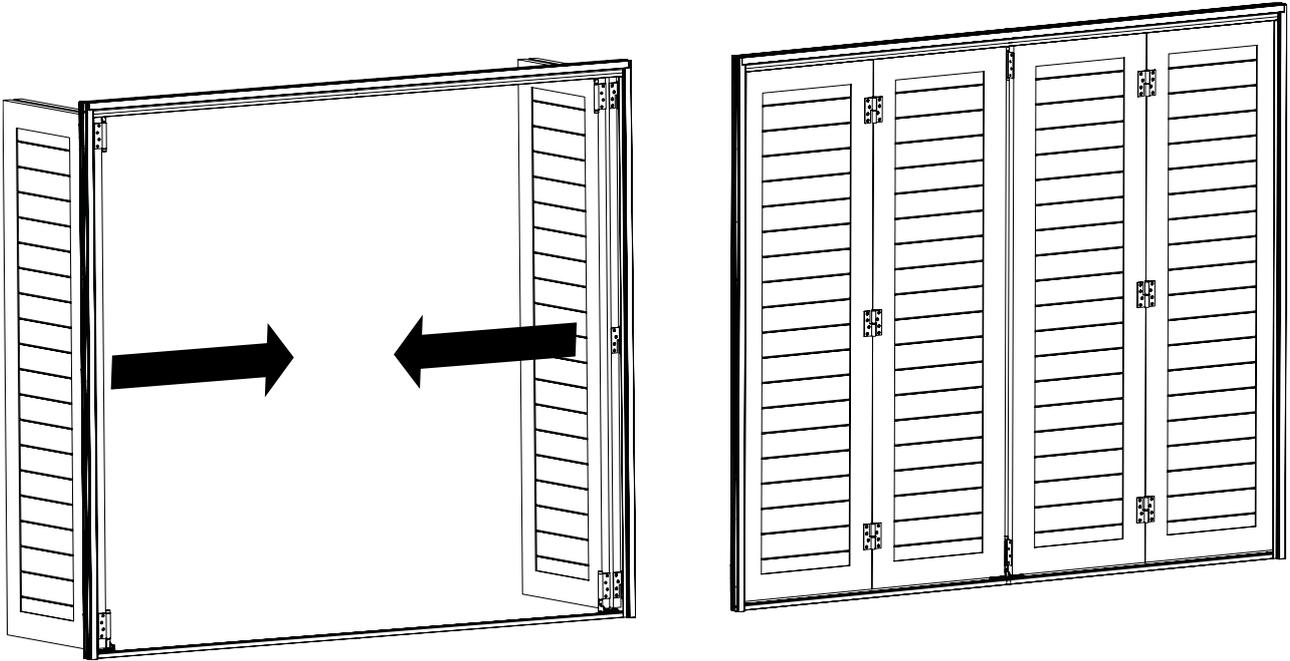


12 VR10500D





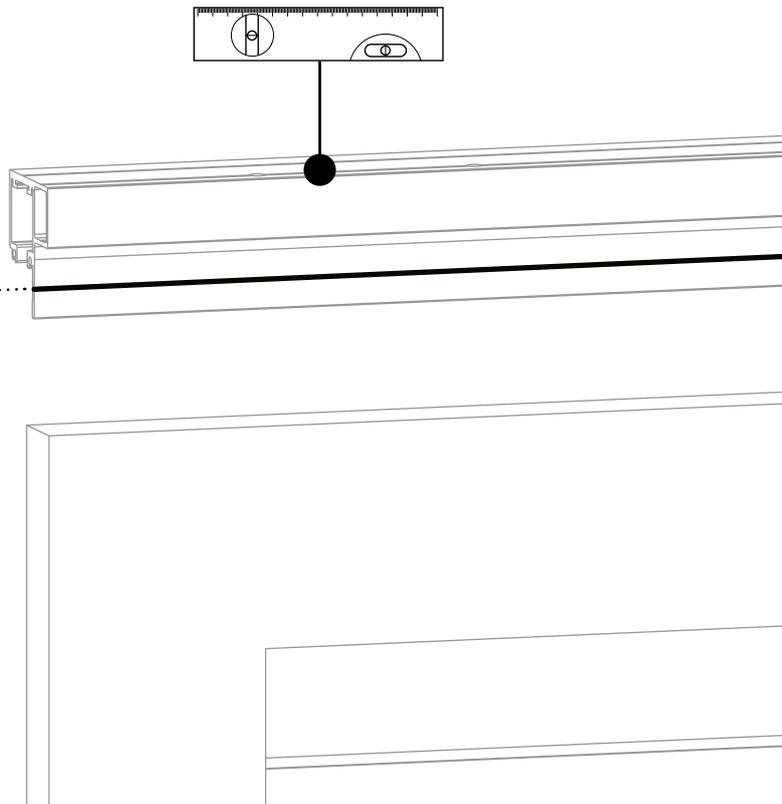
## 8.1



## 8.2

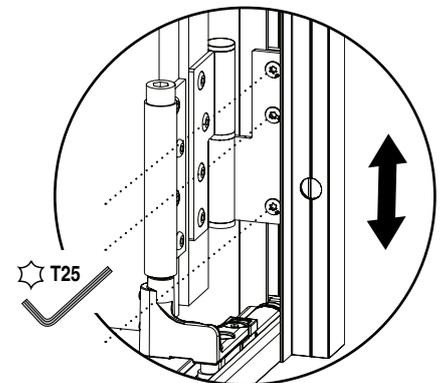
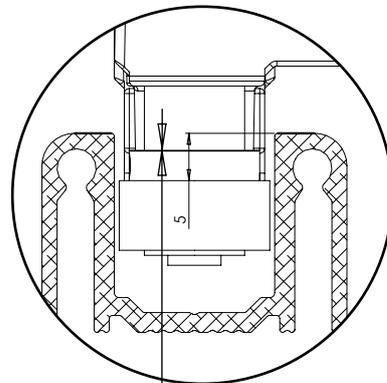
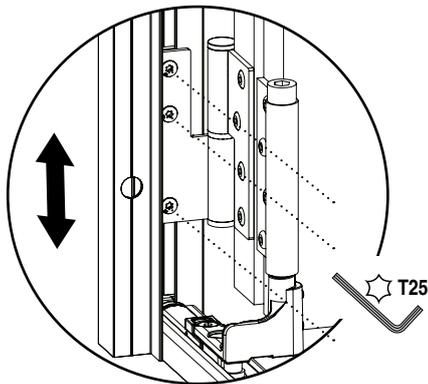
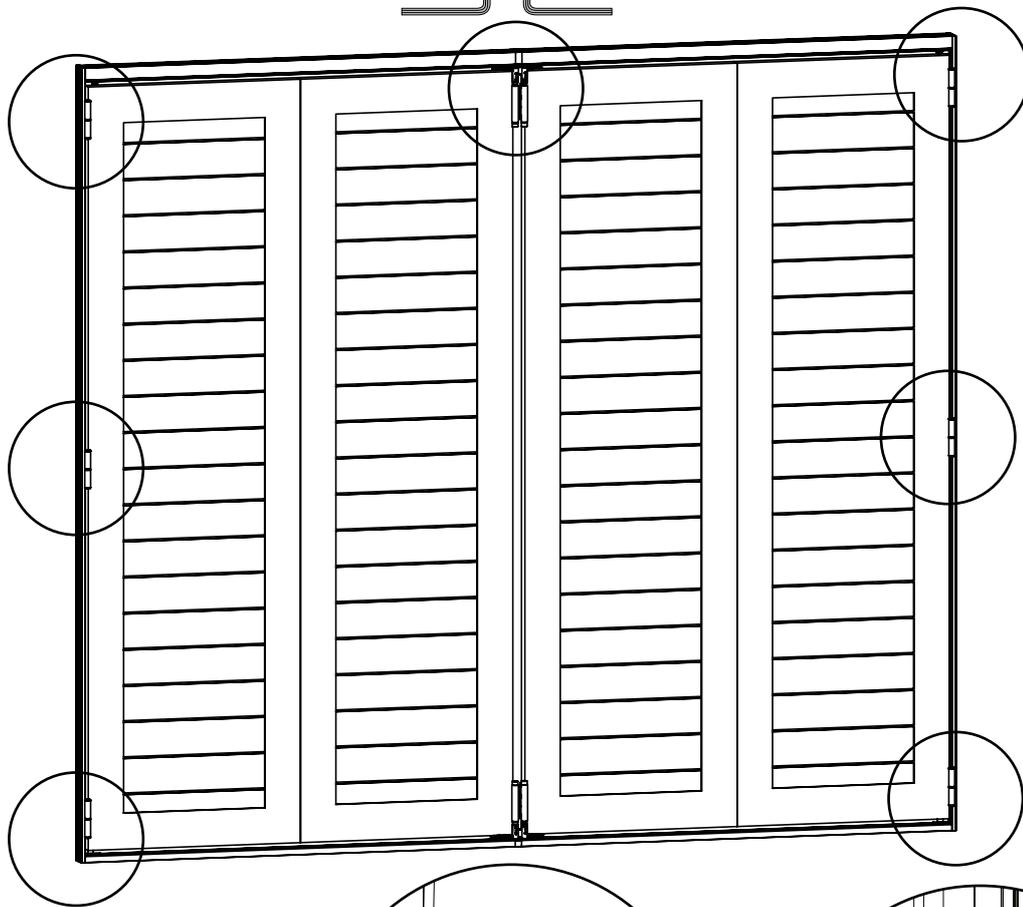
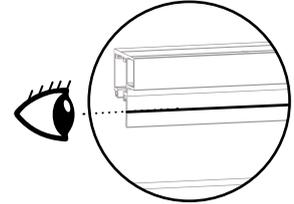
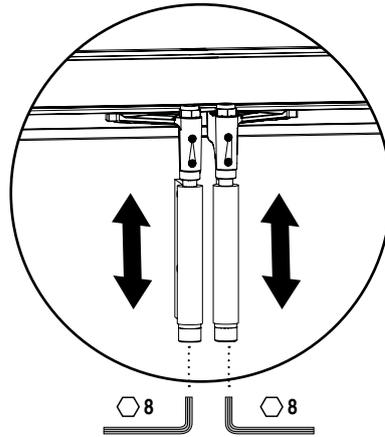


Verificare che la parte alta dello sbordo della ruota sia dentro il binario di 5mm per garantire una presa ottimale.



## 8.3

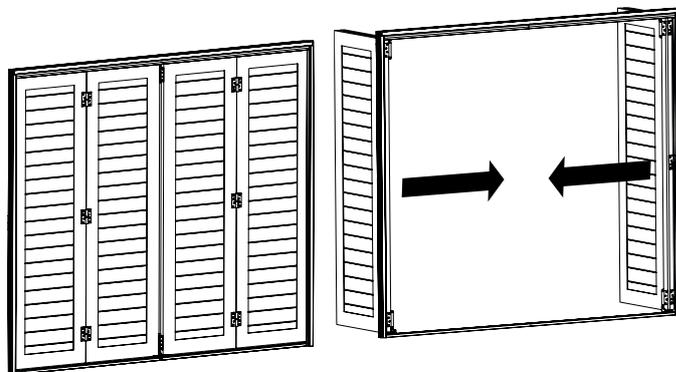
Vista dall'esterno



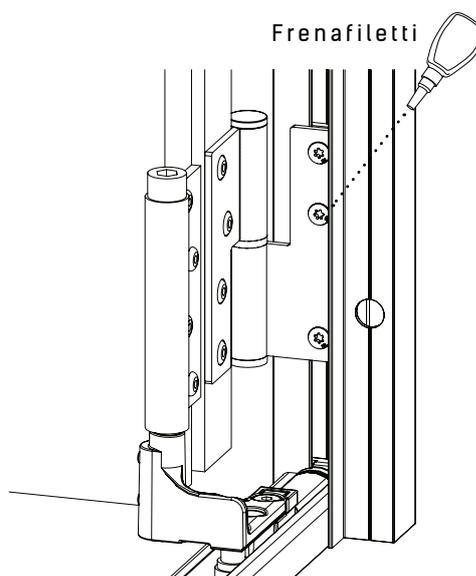
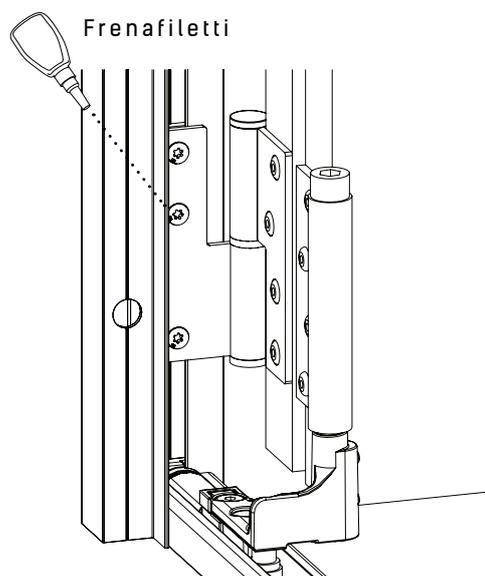
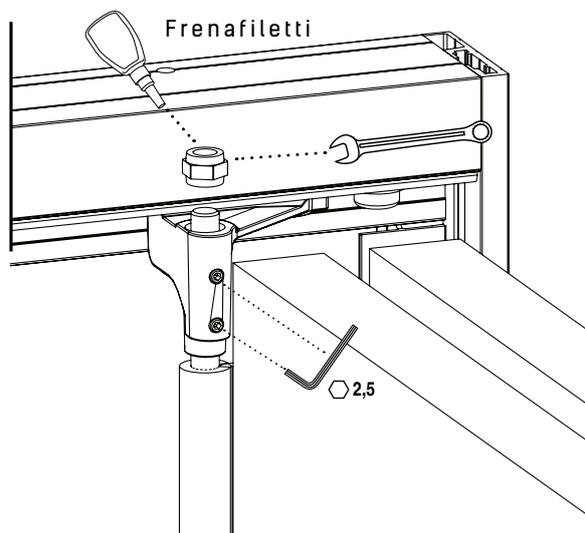
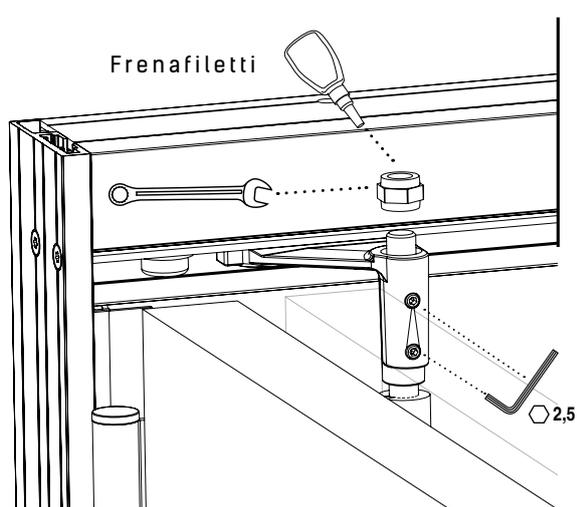
Verificare che la parte alta dello sbordo della ruota sia dentro il binario di 5mm per garantire una presa ottimale.



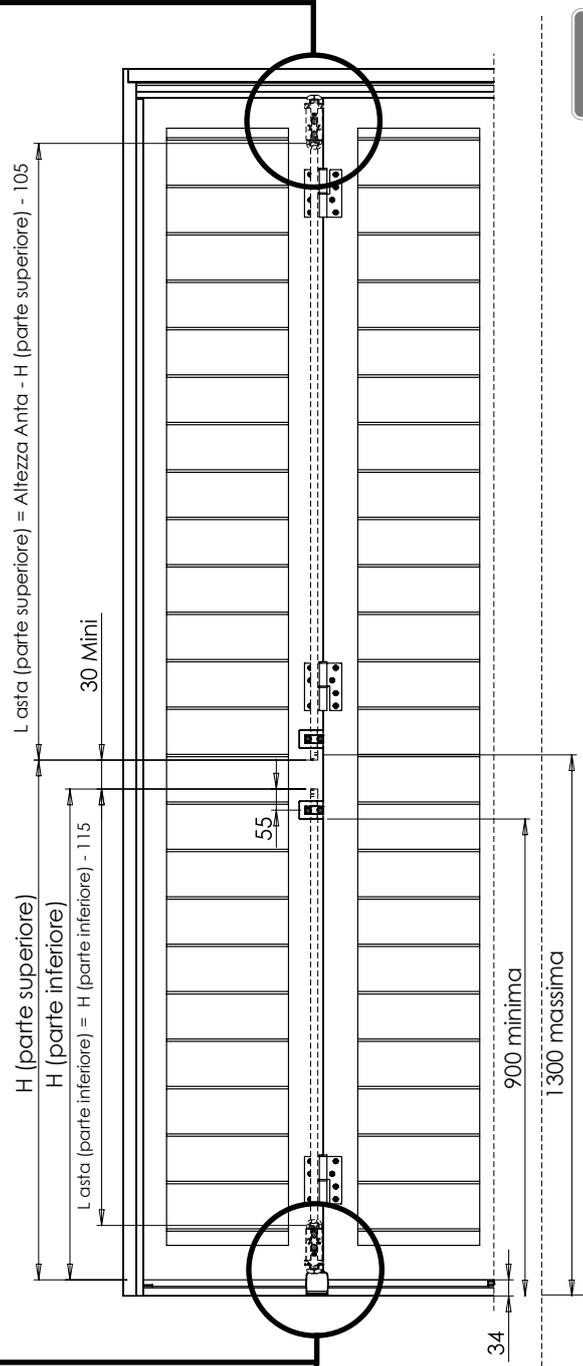
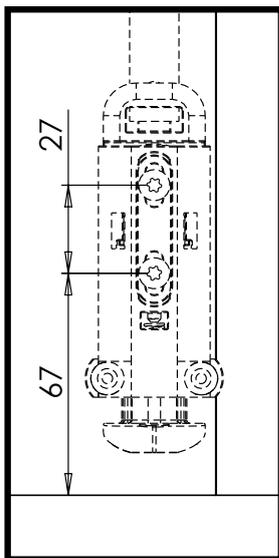
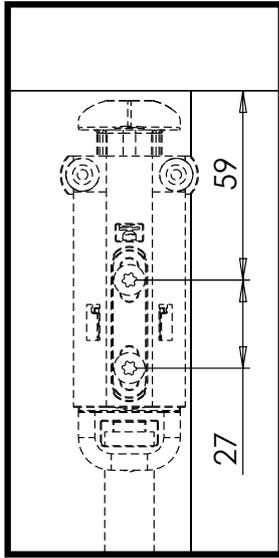
**8.4**



**Fissaggio di sicurezza**

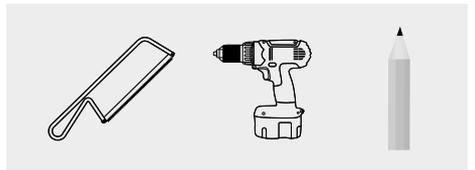


9.1

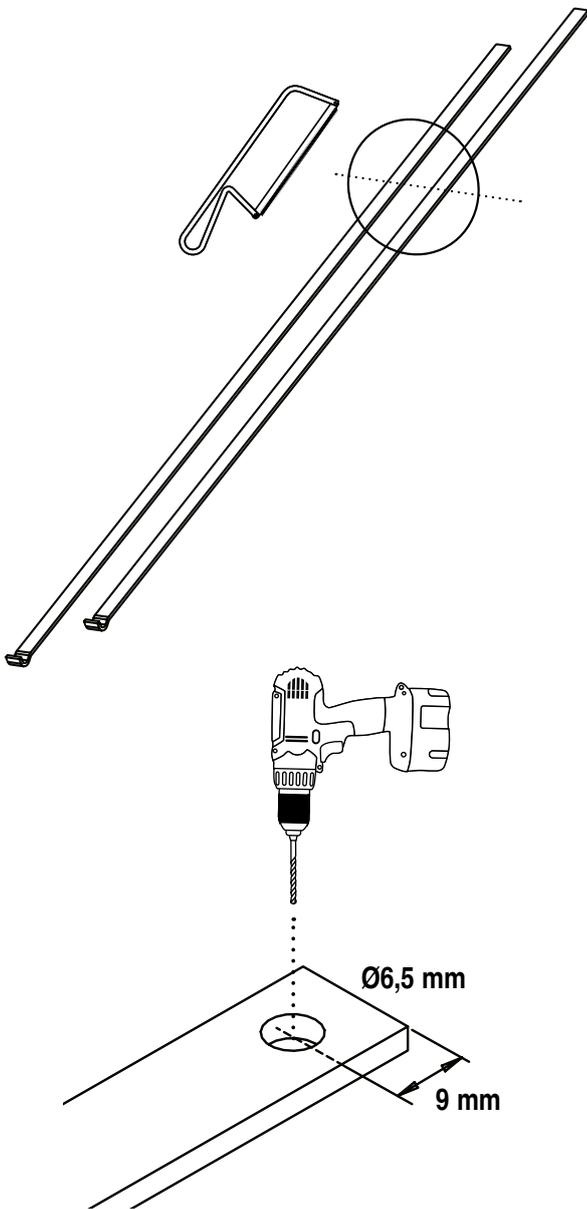
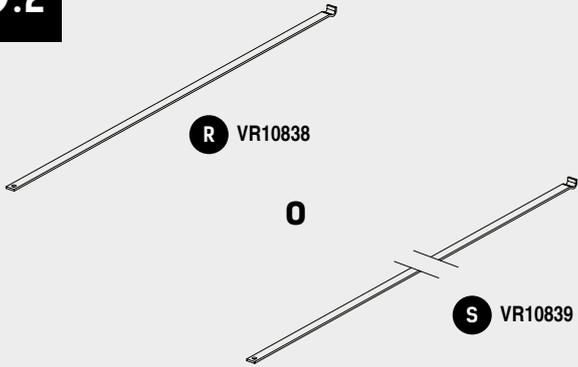


# 9

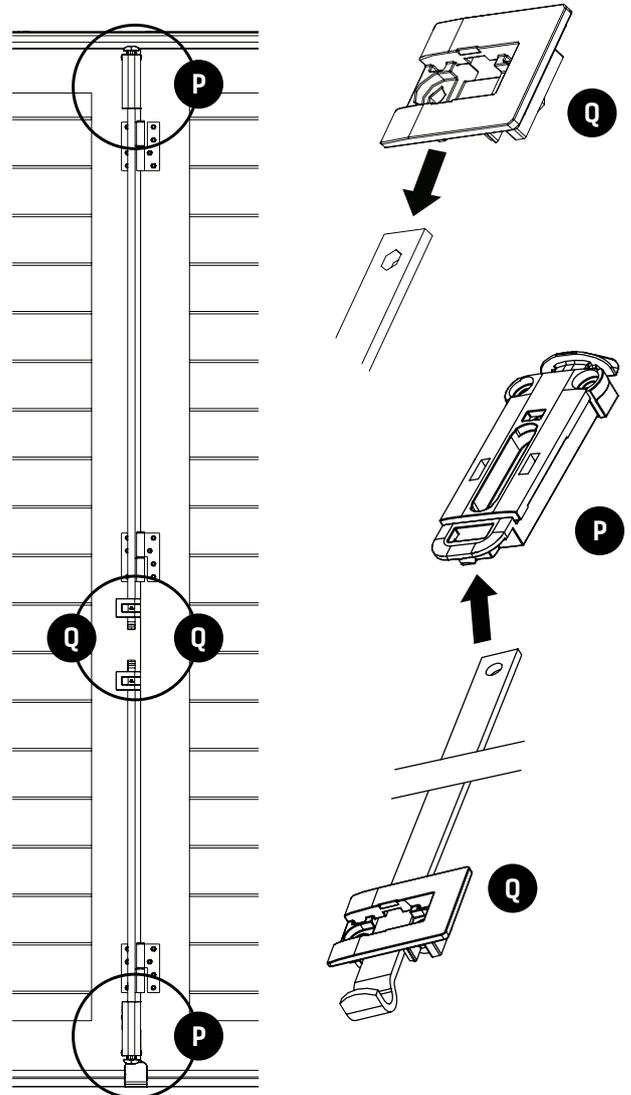
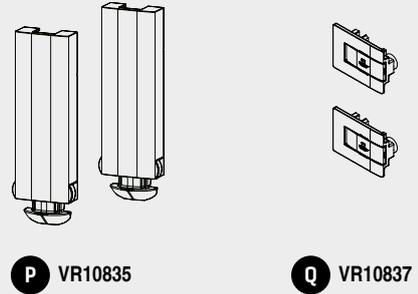
## Montaggio del chiavistello e della battuta



### 9.2

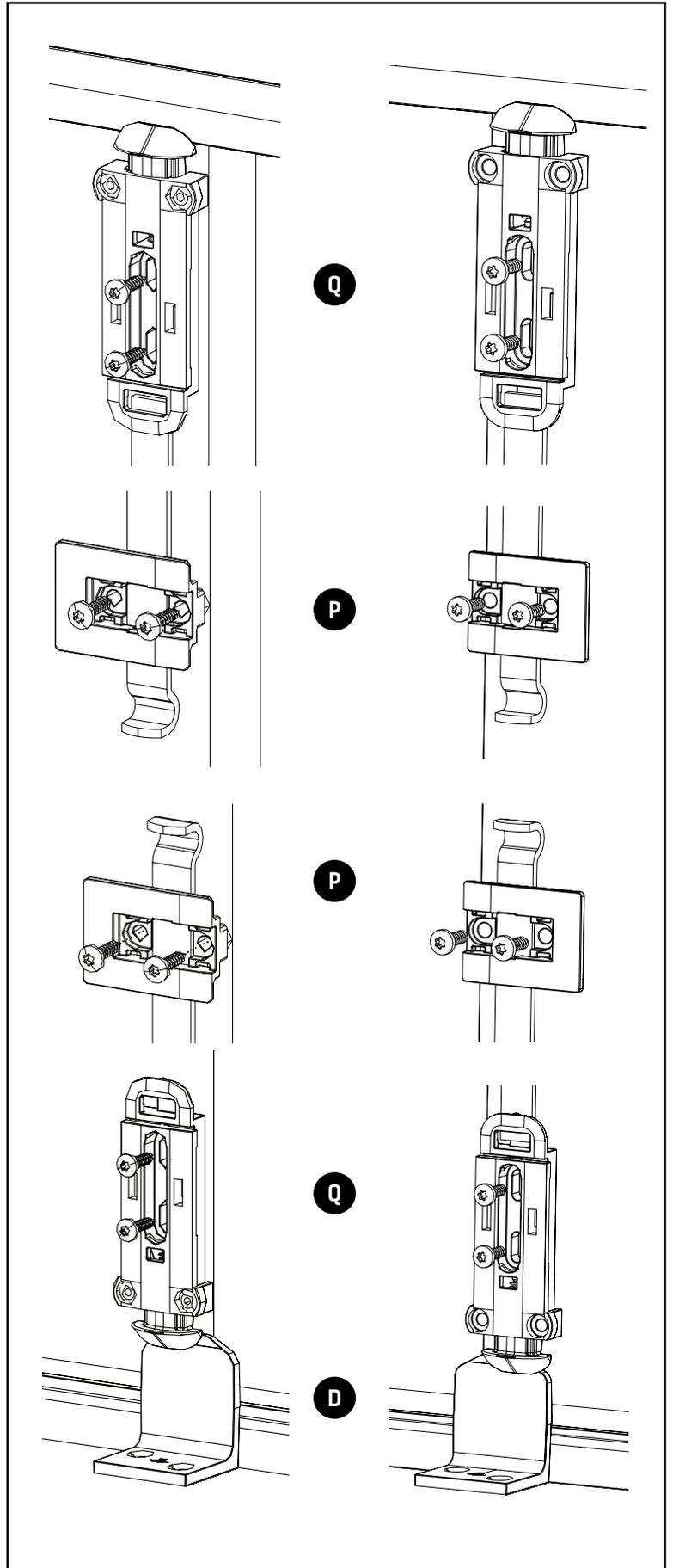
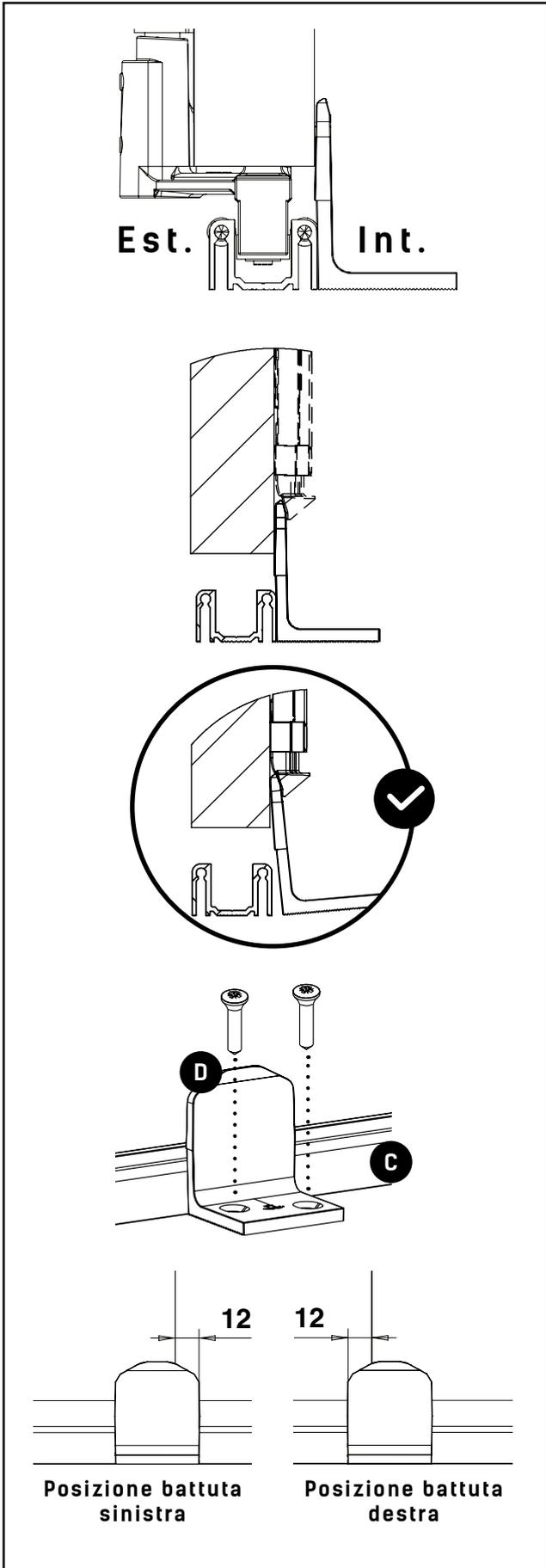
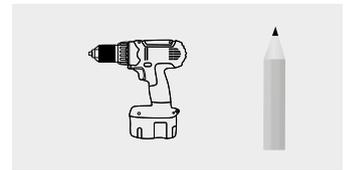


### 9.3



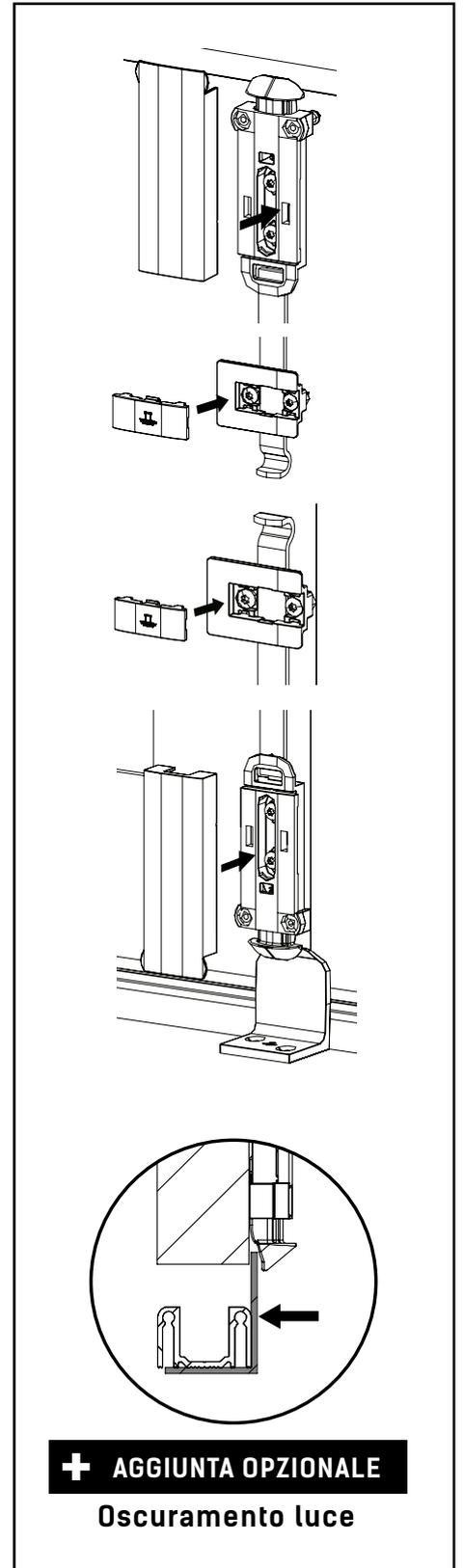
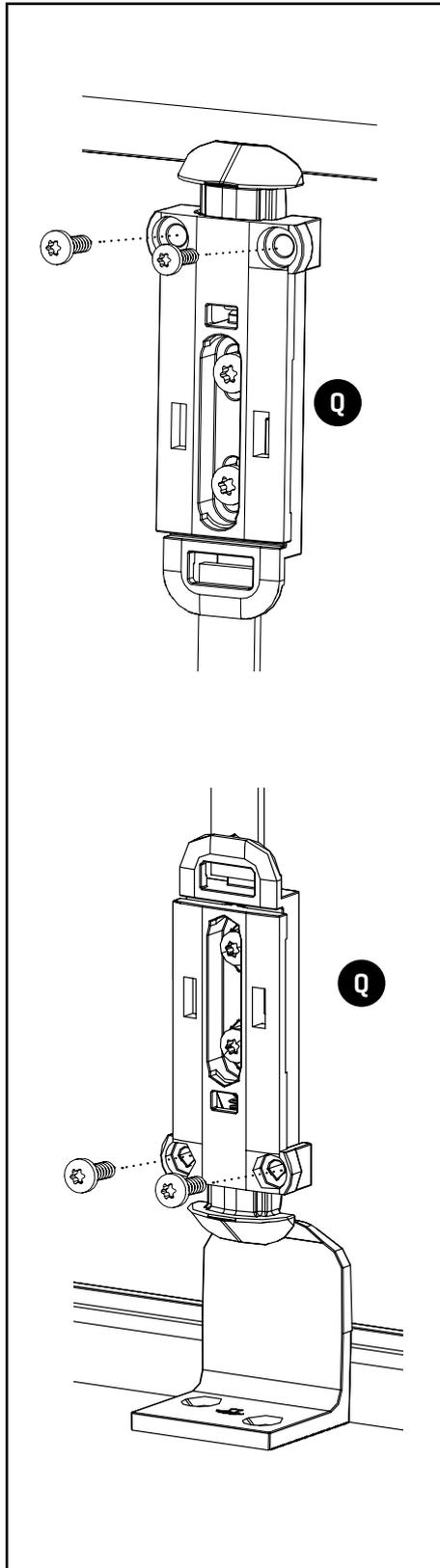
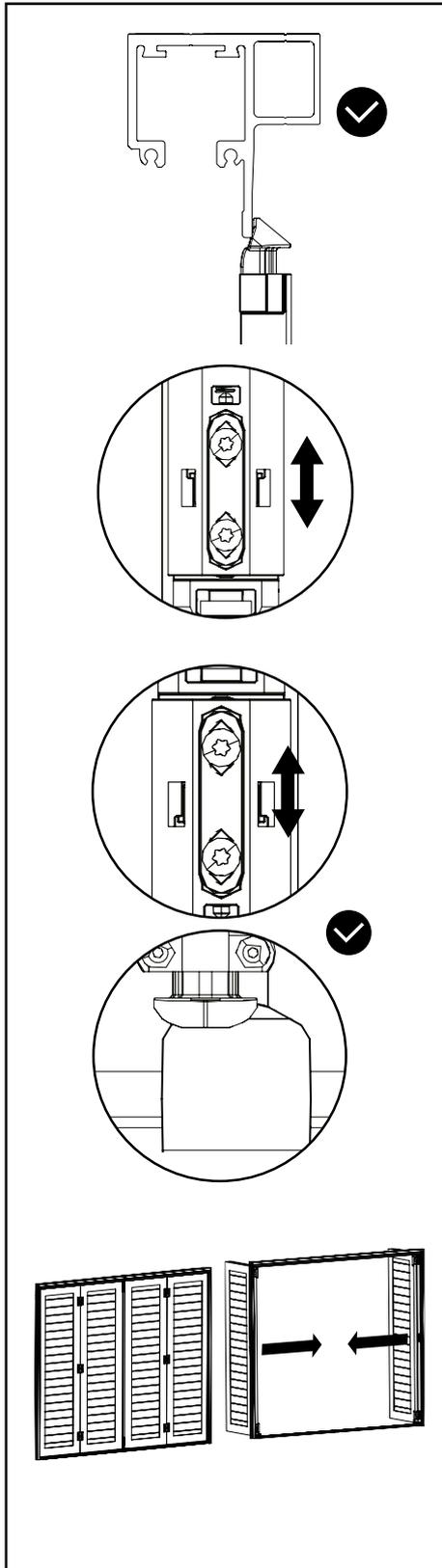
# 9

## Montaggio del chiavistello e della battuta



# 9

## Montaggio del chiavistello e della battuta



**+ AGGIUNTA OPZIONALE**  
**Oscuramento luce**

**✓ L'installazione è completata !**

**TORBEL® SRL**

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