

CERNIERE a 2 e 3 ALI 2 & 3 LEAF DOORS

Porte D67/D77, 45N/55N e BL60
D67/D77, 45N/55N & BL60 Doors

► Manuale Tecnico
Technical manual

FINITURE / FINISHINGS

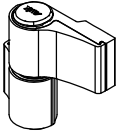
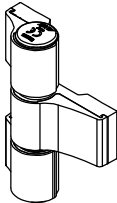
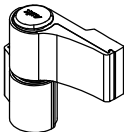
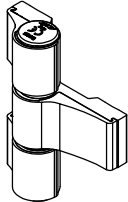
- S1	Argento	Silver
- B1	Nero (AluK 9005)	Black (AluK 9005)
- W1	Bianco (AluK 9010)	White (AluK 9010)
- I1	Avorio (AluK 1013)	Ivory (AluK 1013)
- L1	Acciaio satinato opaco	Matt iron
- L2	Acciaio liscio lucido	Glossy iron
- L3	Rame satinato	Matt copper
- L4	Ferro	Iron
- L5	Nichel satinato	Matt nickel
- L6	Cromo nero	Black chrome
- R2	Oro	Gold
- T3	Titanio Opaco	Matt titanium
- T4	Titanio Lucido	Glossy titanium
#	Verniciato a richiesta	Painted on request

1	Argento	Silver
5	Nero (AluK 9005)	Black (AluK 9005)
8	Bianco (AluK 9010)	White (AluK 9010)

GESTIONE / MANAGEMENT

✓	Disponibile Available
R	A richiesta, verificare lotto minimo e tempistiche On request, check delivery times and minimum order
●	Articolo in esaurimento Until stock is finished
X	Non disponibile Not available

» ACCESSORI PORTA

IMMAGINE IMAGE	CODICE CODE	DESCRIZIONE DESCRIPTION	D67-D77	C55K-NI	BL60	BL70	45N - 55N
	H43304-	Cerniera per porte 2 ali Interasse: 62,5 mm Two leaf hinge Fixing distance: 62,5 mm S1 ☒ B1 ☒ W1 ☒ # R U.V. 1			●	●	●
	H43305-	Cerniera per porte 3 ali Interasse: 62,5 mm Three leaf hinge Fixing distance: 62,5 mm S1 ☒ B1 ☒ W1 ☒ # R U.V. 1			●	●	●
	H43306-	Cerniera per porte 2 ali Interasse: 70,5 mm Two leaf hinge Fixing distance: 70,5 mm S1 ☒ B1 ☒ W1 ☒ # R U.V. 1	●	●		●	
	H43307-	Cerniera per porte 3 ali Interasse: 70,5 mm Three leaf hinge Fixing distance: 70,5 mm S1 ☒ B1 ☒ W1 ☒ # R U.V. 1	●	●		●	

➤ ACCESSORI PORTA

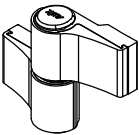
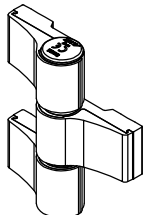
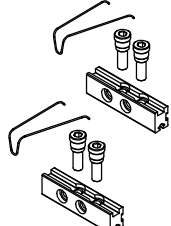
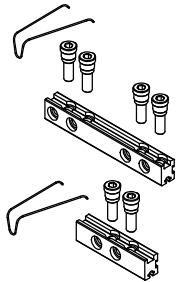
IMMAGINE IMAGE	CODICE CODE	DESCRIZIONE DESCRIPTION	D67-D77	C55K-NI	BL60	BL70	45N - 55N
	H43310-	Cerniera per porte 2 ali Interasse: 84 mm <i>Two leaf hinge Fixing distance: 84 mm</i> SI ☒ BI ☒ WI ☒ # R U.V. 1	●	●			●
	H43311-	Cerniera per porte 3 ali Interasse: 84 mm <i>Three leaf hinge Fixing distance: 84 mm</i> SI ☒ BI ☒ WI ☒ # R U.V. 1	●	●			●
	H43605	Kit di fissaggio cerniera 2 ali (vite 38 mm) <i>Two leafs fixing kit (38 mm screw)</i> U.V. 1		●	●	●	●
	H43606	Kit di fissaggio cerniera 3 ali (vite 38 mm) <i>Three leafs fixing kit (38 mm screw)</i> U.V. 1		●	●	●	●
	H43607	Vite fissaggio cerniera porte M8 x 50 mm <i>Door hinge fixing screw</i> U.V. 20		●	●	●	

IMMAGINE IMAGE	CODICE CODE	DESCRIZIONE DESCRIPTION	D67-D77	C55K-NI	BL60	BL70	45N - 55N
	H43909-	Spessore h 10 mm Spacer S1RBI RWI R# R					●
		U.V. 10					
	H43917	Kit viti fissaggio cerniera porte M12 x 65 mm Door hinge fixing screw	●				
		U.V. 20					
	H43918	Kit viti fissaggio cerniera porte M12 x 75 mm Door hinge fixing screw	●				
		U.V. 20					

➤ ACCESSORI PORTA

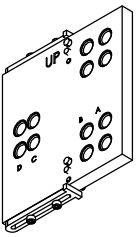
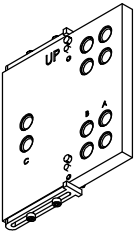
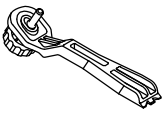
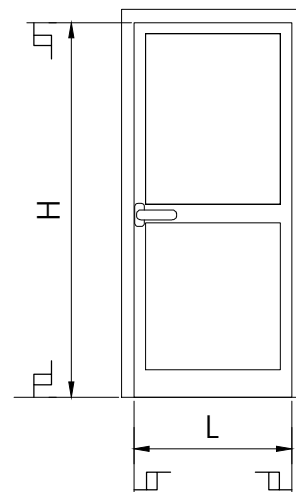
IMMAGINE IMAGE	CODICE CODE	DESCRIZIONE DESCRIPTION	D67-D77	C55K-NI	BL60	BL70	45N - 55N
	T10094	Dima foratura cerniere per interassi: 62,5 - 78 - 84 - 99,5 <i>Hing drilling jig</i>	●	●	●	●	●
		U.V. 1					
	T10095	Dima foratura cerniere per interassi 70,5 - 92 <i>Hing drilling jig</i>	●	●		●	
		U.V. 1					
	T50014	Chiave di regolazione <i>Door hinge adjusting key</i>	●	●	●	●	●
		U.V. 1					
	T50015	Estrattore perno cerniera per porte 3 ali <i>Three wings door hinge pin extractor</i>	●	●	●	●	●
		U.V. 1					

TABELLA COEFFICIENTE DI RIDUZIONE PESO ANTA DOOR WEIGHT REDUCTION COEFFICIENT TABLE

D67	D77	45N	55N	BL60
●	●	●	●	●

COEFFICIENTE DI RIDUZIONE PESO ANTA (CRP) IN FUNZIONE DELLE DIMENSIONI DOOR WEIGHT REDUCTION COEFFICIENT (CRP) AS A FUNCTION OF SIZE											
Altezza anta (mm) - Wing height (mm)	3000	1	1	1	1	1	1	1	1	1	1
	2900	1	1	1	1	1	1	1	1	1	0,93
	2800	1	1	1	1	1	1	1	1	1	0,88
	2700	1	1	1	1	1	1	1	1	0,93	0,83
	2600	1	1	1	1	1	1	1	1	0,88	0,79
	2500	1	1	1	1	1	1	1	0,93	0,83	0,75
	2400	1	1	1	1	1	1	1	0,87	0,78	0,71
	2300	1	1	1	1	1	1	0,93	0,81	0,74	0,68
	2200	1	1	1	1	1	1	0,85	0,76	0,70	0,65
	2100	1	1	1	1	1	0,91	0,80	0,72	0,67	0,63
	2000	1	1	1	1	1	0,85	0,75	0,68	0,64	0,60
		600	700	800	900	1000	1100	1200	1300	1400	1500
Larghezza anta (mm) - Wing Width (mm)											



Questa tabella ha lo scopo di indicare i coefficienti riduttivi della portata delle cerniere in funzione del rapporto tra base e altezza della porta. Le massime dimensioni realizzabili sono quelle riportate nelle apposite tabelle, in funzione della serie e del carico del vento applicato.

This table shows the reduction coefficients of the hinge capacity as a function of the ratio between the base and height of the door. The maximum size is reported in the specific tables, as a function of the series and the applied wind load.

Per ottenere il peso (P) dell'anta, moltiplicare il valore Pmax scelto nella Tabella delle portate massime per il coefficiente di riduzione peso (CRP) corrispondente alle dimensioni dell'infixo (LxH).

Esempio:

L x H = 1200 x 2800 mm

n° 2 cerniere i= 62.5 mm con contro-piastre

Pmax = 140 kg

CPR = 1

P = 140 x 1 = 140 kg

To obtain the real sash maximum weight (P) multiply the Pmax value chosen in the Maximum load chart for the weight reduction coefficient (CRP) corresponding to the sash size (W x H)

Example:

W x H = 1200 x 2800 mm

n° 2 Hinges C/C = 62.5 mm con counterplates

Pmax = 140 kg

CPR = 1

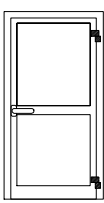
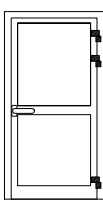
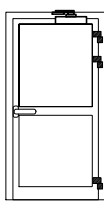
P = 140 x 1 = 140 kg

PORTATA CERNIERE A 2 E 3 ALI - APERTUTA INTERNA **TWO & THREE WINGS HINGE LOAD CAPACITY - INWARD OPENING**

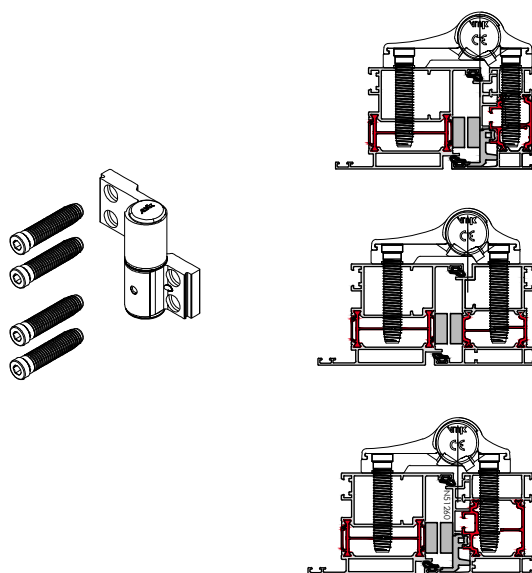
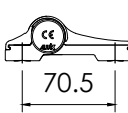
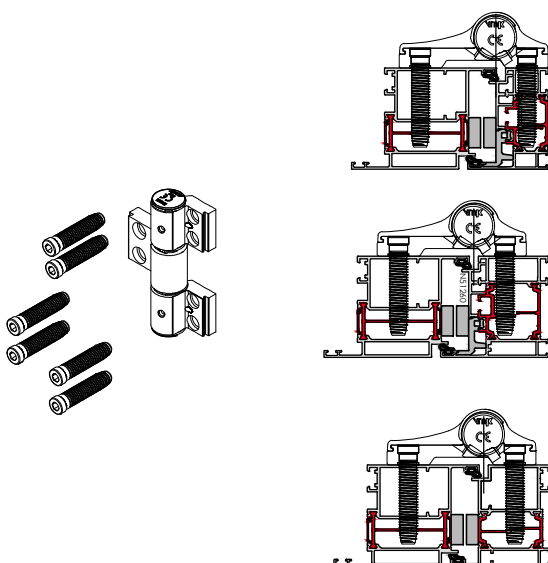
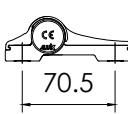
D67	D77
	

(*) In presenza di chiudiporta con freno in apertura, saranno da applicare dei coefficienti riduttivi della portata delle cerniere (consultare l'ufficio tecnico).

(*) An additional door weight reduction coefficient has to be applied in presence of door closer with backcheck facility (get in touch with our technical department).

P max		
		



	 H43306-(..)	80 kg	100 kg	80 kg
	 H43307-(..)	100 kg	120 kg	95 kg

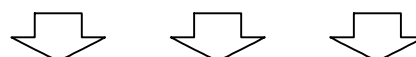
PORTATA CERNIERE A 2 E 3 ALI - APERTURA ESTERNA TWO & THREE WINGS HINGE LOAD CAPACITY - OUTWARD OPENING

D67	D77
●	

(*) In presenza di chiudiporta con freno in apertura, saranno da applicare dei coefficienti riduttivi della portata delle cerniere (consultare l'ufficio tecnico).

(*) An additional door weight reduction coefficient has to be applied in presence of door closer with backcheck facility (get in touch with our technical department).

P max		



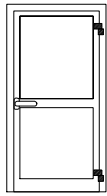
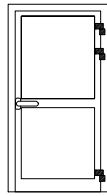
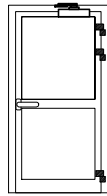
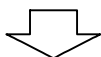
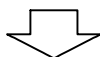
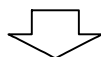
	 H43306-(..)	100 kg	120 kg	100 kg
	 H43310-(..)	100 kg	120 kg	100 kg
	 H43307-(..)	120 kg	140kg	115 kg
	 H43311-(..)	120 kg	140kg	115 kg

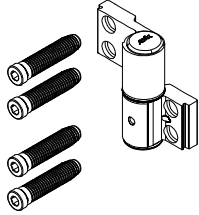
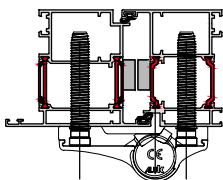
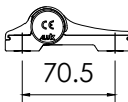
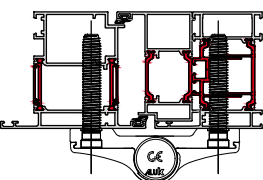
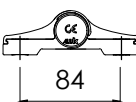
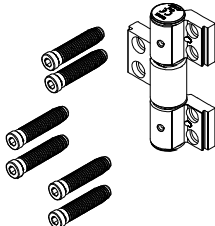
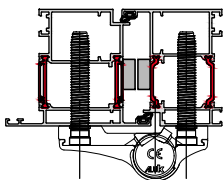
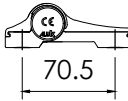
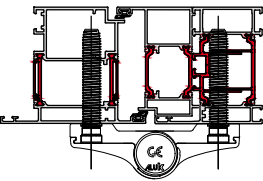
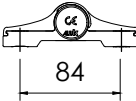
PORTATA CERNIERE A 2 E 3 ALI - APERTUTA ESTERNA **TWO & THREE WINGS HINGE LOAD CAPACITY - OUTWARD OPENING**

D67	D77
	●

(*) In presenza di chiudiporta con freno in apertura, saranno da applicare dei coefficienti riduttivi della portata delle cerniere (consultare l'ufficio tecnico).

(*) An additional door weight reduction coefficient has to be applied in presence of door closer with backcheck facility (get in touch with our technical department).

P max		
		
		

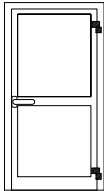
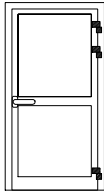
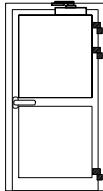
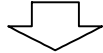
			100 kg	120 kg	100 kg
			80 kg	100 kg	80 kg
			120 kg	140kg	115 kg
			100 kg	120kg	95 kg

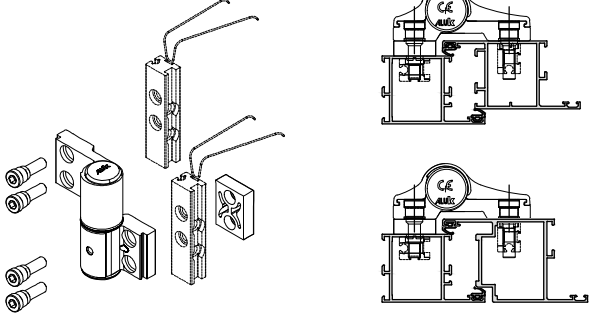
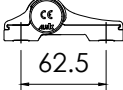
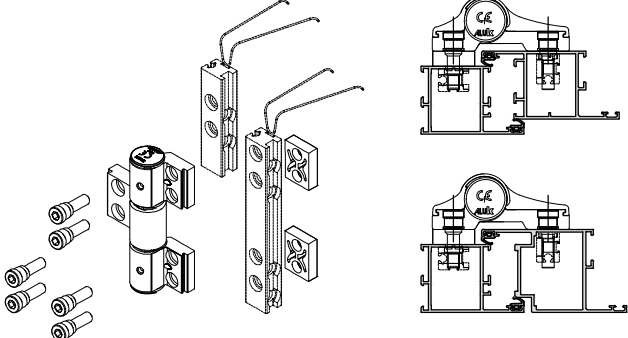
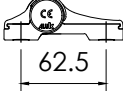
PORTATA CERNIERE A 2 E 3 ALI TWO & THREE WINGS HINGE LOAD CAPACITY

45N	55N
●	

(*) In presenza di chiudiporta con freno in apertura, saranno da applicare dei coefficienti riduttivi della portata delle cerniere (consultare l'ufficio tecnico).

(*) An additional door weight reduction coefficient has to be applied in presence of door closer with backcheck facility (get in touch with our technical department).

P max		
		
		

	 H43304-(..)	140 kg	160 kg	130 kg
	 H43305-(..)	160 kg	180 kg	150 kg

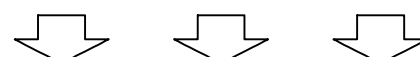
PORTATA CERNIERE A 2 E 3 ALI TWO & THREE WINGS HINGE LOAD CAPACITY

45N	55N

(*) In presenza di chiudiporta con freno in apertura, saranno da applicare dei coefficienti riduttivi della portata delle cerniere (consultare l'ufficio tecnico).

(*) An additional door weight reduction coefficient has to be applied in presence of door closer with backcheck facility (get in touch with our technical department).

P max		



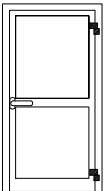
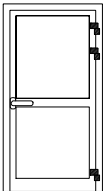
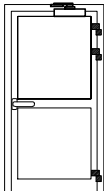
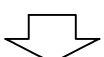
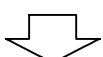
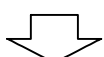
			62.5 H43304-(..)	140 kg	160 kg	130 kg
			62.5 H43305-(..)	160 kg	180 kg	150 kg

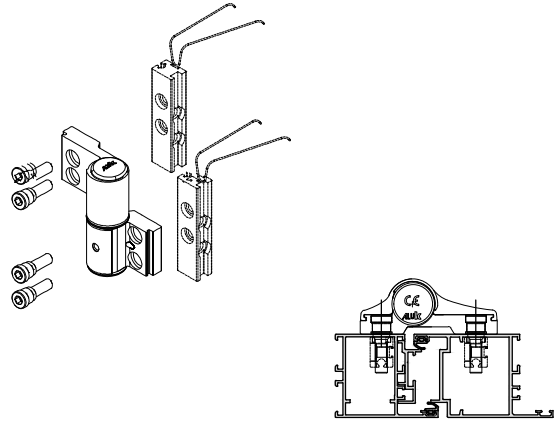
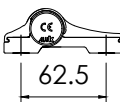
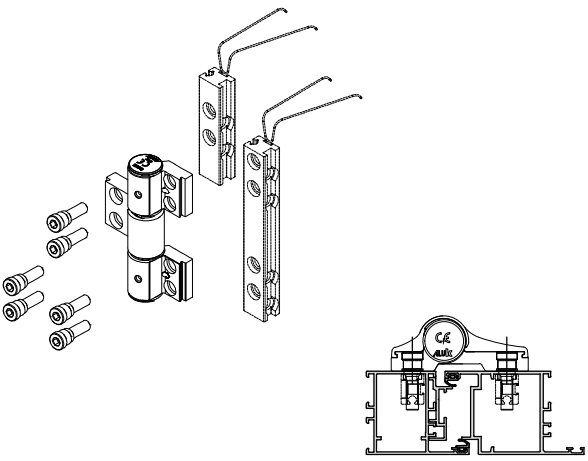
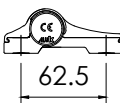
PORTATA CERNIERE A 2 E 3 ALI TWO & THREE WINGS HINGE LOAD CAPACITY

45N	55N
	●

(*) In presenza di chiudiporta con freno in apertura, saranno da applicare dei coefficienti riduttivi della portata delle cerniere (consultare l'ufficio tecnico).

(*) An additional door weight reduction coefficient has to be applied in presence of door closer with backcheck facility (get in touch with our technical department).

P max		
		
		

	 H43304-(..)	140 kg	160 kg	130 kg
	 H43305-(..)	160 kg	180 kg	150 kg

PORTATA CERNIERE A 2 E 3 ALI TWO & THREE WINGS HINGE LOAD CAPACITY

45N	55N
	●

(*) In presenza di chiudiporta con freno in apertura, saranno da applicare dei coefficienti riduttivi della portata delle cerniere (consultare l'ufficio tecnico).

(*) An additional door weight reduction coefficient has to be applied in presence of door closer with backcheck facility (get in touch with our technical department).

P max		



	 H43304-(..)	140 kg	160 kg	130 kg
	 H43310-(..)	100 kg	120 kg	100 kg
	 H43305-(..)	160 kg	180 kg	150 kg
	 H43311-(..)	120 kg	140kg	115 kg

PORTATA CERNIERE A 2 E 3 ALI TWO & THREE WINGS HINGE LOAD CAPACITY

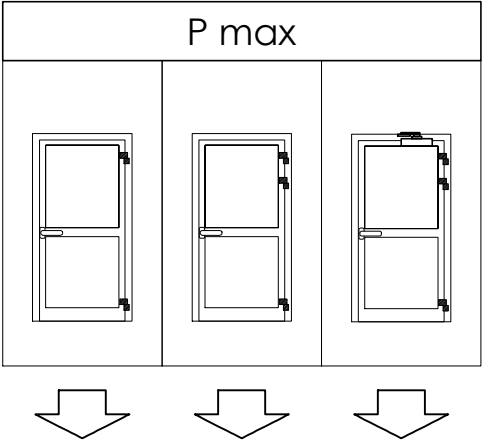


(*)

In presenza di chiudiporta con freno in apertura, saranno da applicare dei coefficienti riduttivi della portata delle cerniere (consultare l'ufficio tecnico).

(*)

An additional door closer weight reduction coefficient has to be applied in presence of door closer with backcheck facility (get in touch with our technical department).



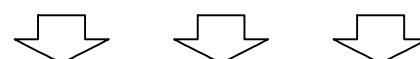
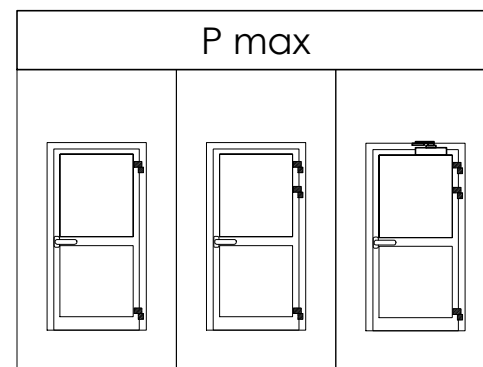
	H43304-(..)	160 kg	180 kg	150 kg
	H43305-(..)	180 kg	200 kg	170 kg

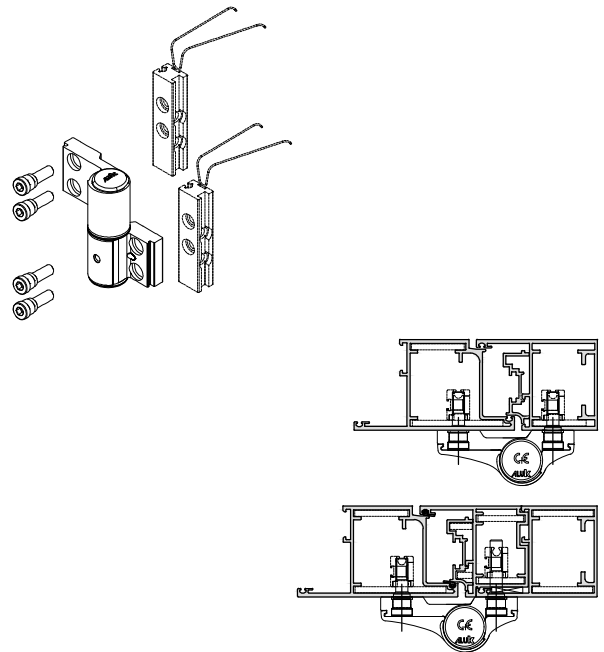
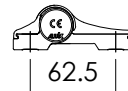
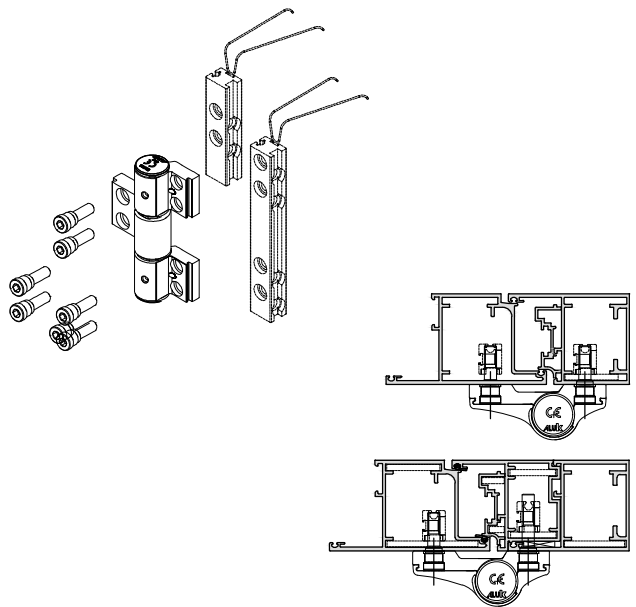
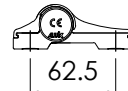
PORTATA CERNIERE A 2 E 3 ALI TWO & THREE WINGS HINGE LOAD CAPACITY



(*) In presenza di chiudiporta con freno in apertura, saranno da applicare dei coefficienti riduttivi della portata delle cerniere (consultare l'ufficio tecnico).

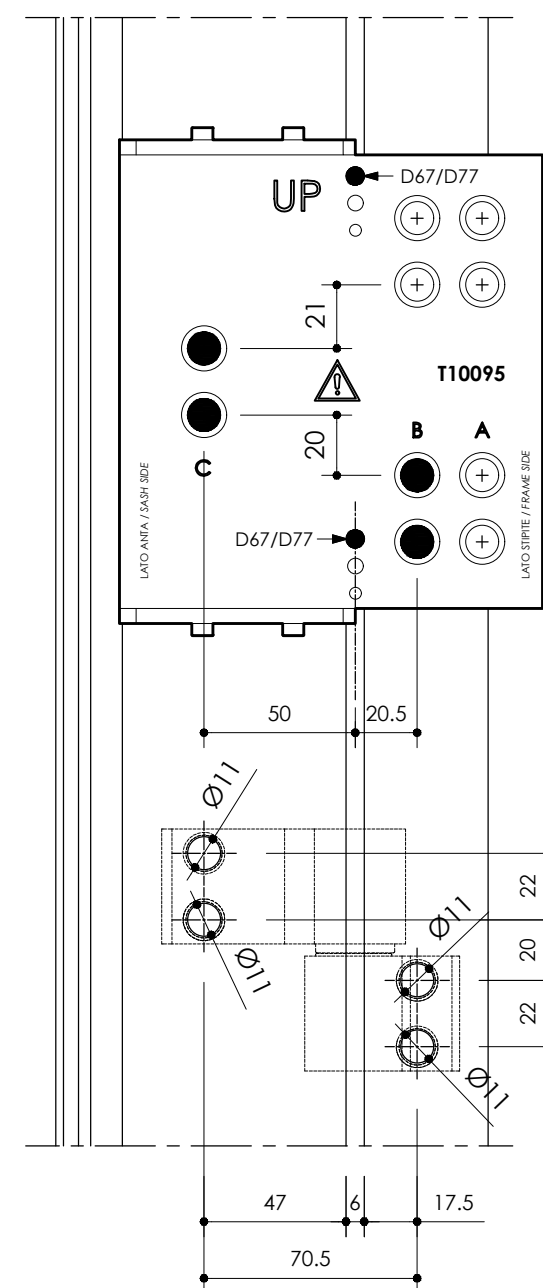
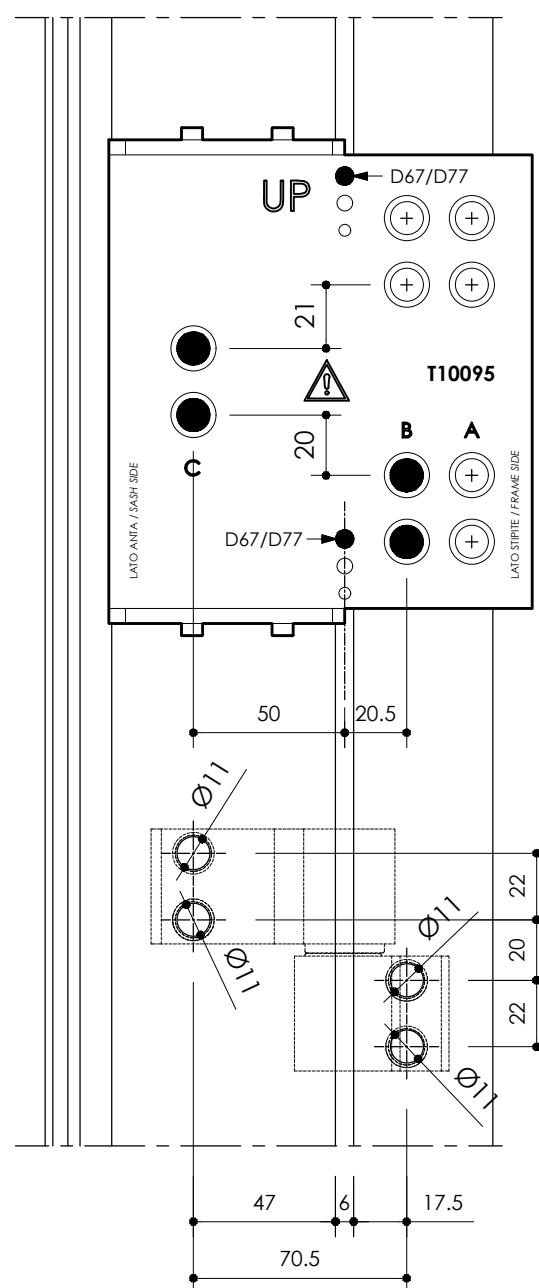
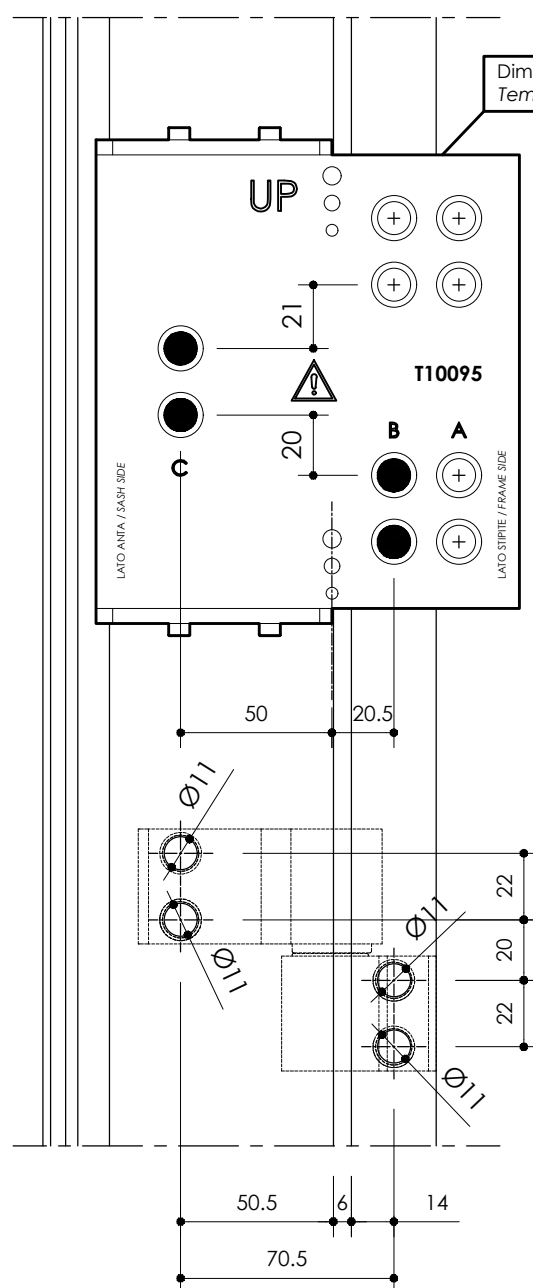
(*) An additional door weight reduction coefficient has to be applied in presence of door closer with backcheck facility (get in touch with our technical department).



	 62.5 H43304-(..)	160 kg	180 kg	150 kg
	 62.5 H43305-(..)	180 kg	200 kg	170 kg

FORATURA PER MONTAGGIO CERNIERE DUE ALI, APERTURA INTERNA
DRILLING FOR TWO WINGS HINGE ASSEMBLING DIAGRAM, INWARD OPENING

D67	D77
●	●

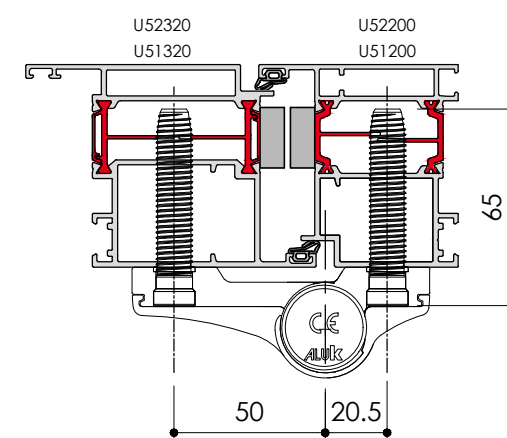
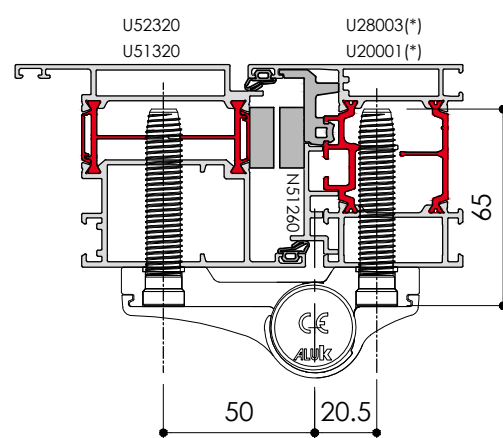
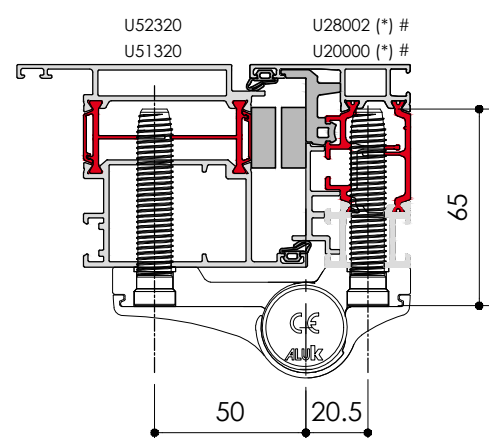


← ATTENZIONE: LA DIMA DOVRÀ ESSERE UTILIZZATA CON PIOLINI DA Ø 6 mm, POSIZIONATI IN BASE ALLE SERIE
← WARNING: USE THE TEMPLATE WITH Ø 6mm PINS AND PUT THESE ON CORRECT SERIE POSITION

Per il montaggio delle cerniere sulle porte si dovranno praticare fori Ø11mm utilizzando la dima "T10095".

To install the hinges on doors make Ø11mm holes using the template "T10095".

Pz	art.	Descrizione / Description
1	H43306(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
4	H43917	VITE DI MONTAGGIO / MOUNTING SCREW



(*) Per caratteristiche e accessori vedere catalogo C67K o C77K

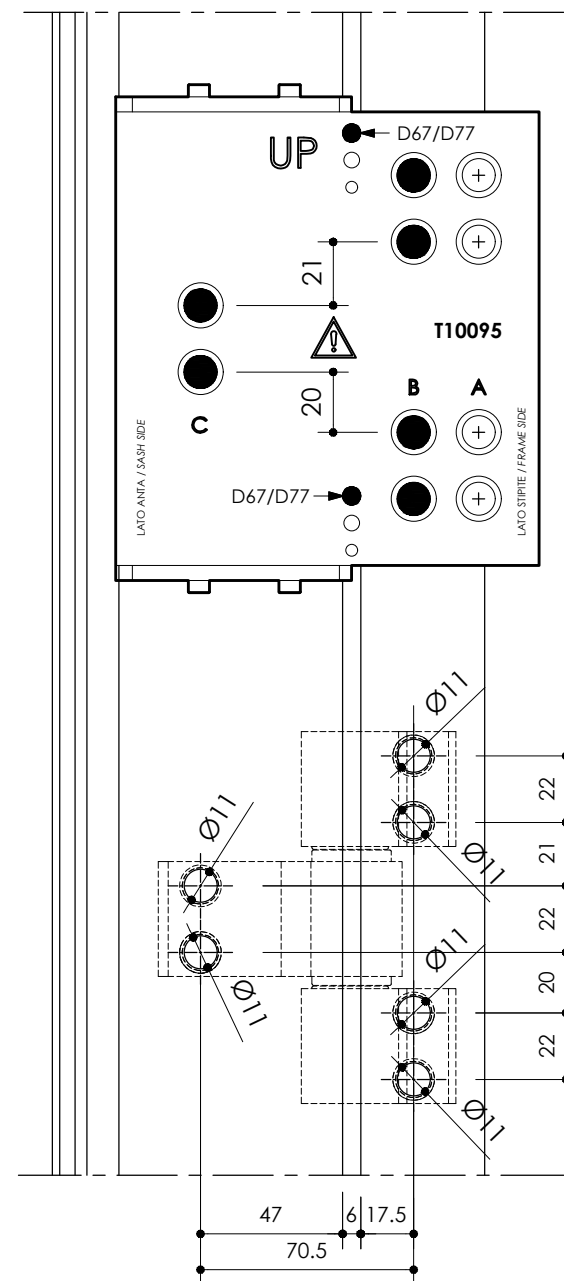
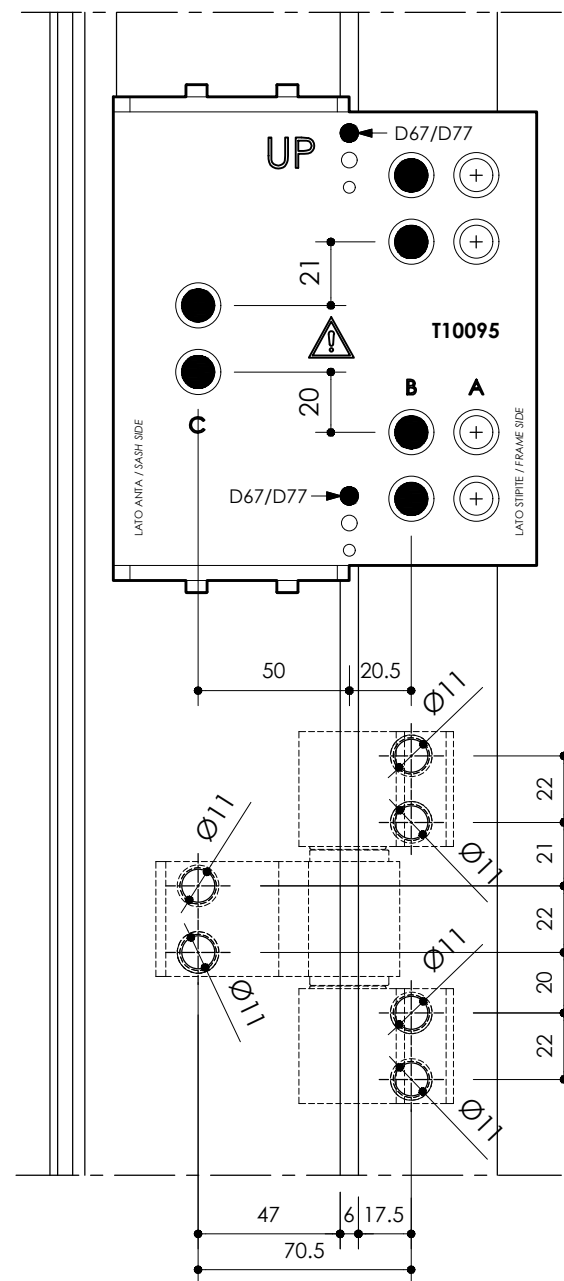
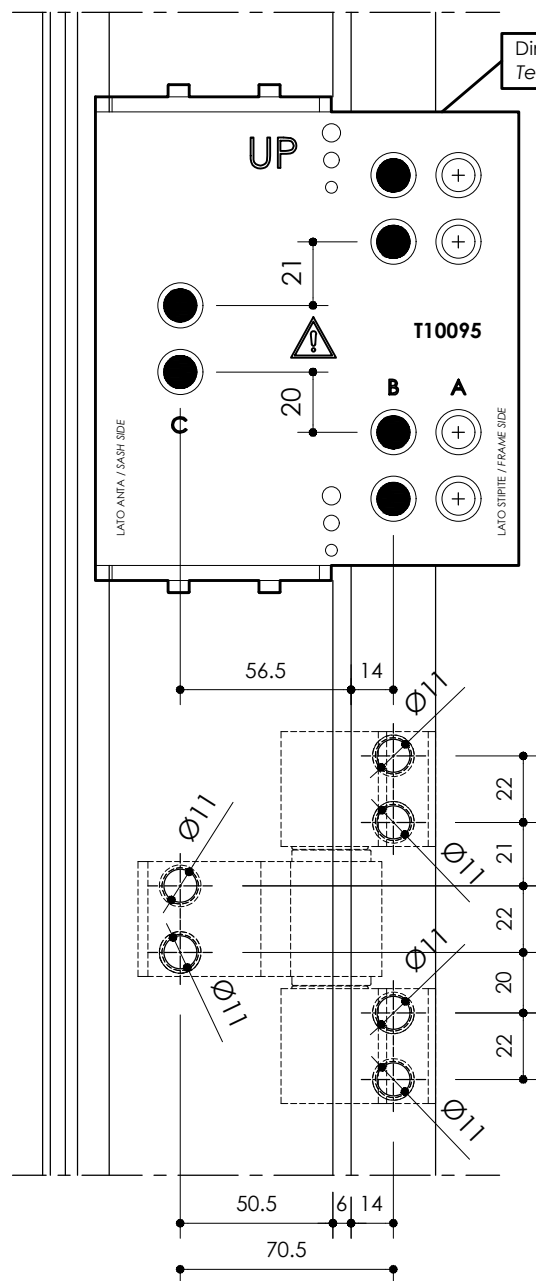
(*) For features and accessories see C67K or C77K catalogue

Fare attenzione al collegamento a muro e sigillatura.

Pay attention to wall connection and sealing.

FORATURA PER MONTAGGIO CERNIERE TRE ALI, APERTURA INTERNA
DRILLING FOR THREE WINGS HINGE ASSEMBLING DIAGRAM, INWARD OPENING

D67	D77
●	●

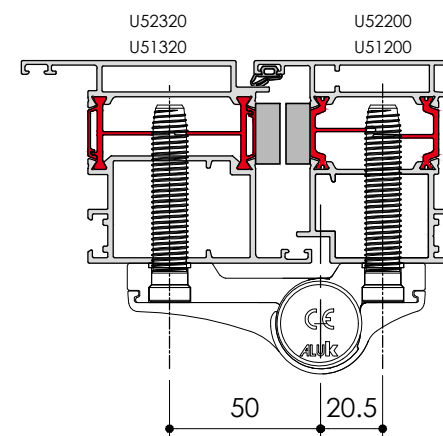
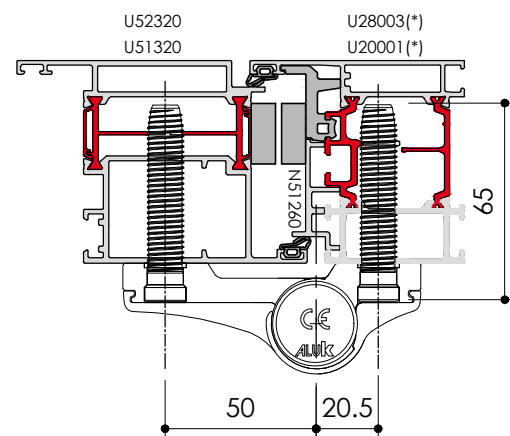
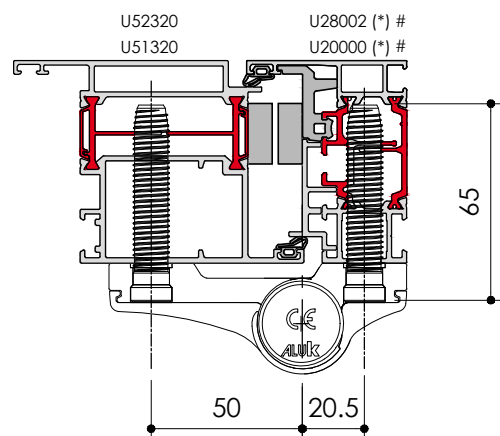


← ATTENZIONE: LA DIMA DOVRÀ ESSERE UTILIZZATA CON PIOLINI DA Ø 6 mm, POSIZIONATI IN BASE ALLE SERIE
← WARNING: USE THE TEMPLATE WITH Ø 6mm PINS AND PUT THESE ON CORRECT SERIE POSITION

Per il montaggio delle cerniere sulle porte si dovranno praticare fori Ø11mm utilizzando la dima "T10095".

To install the hinges on doors make Ø11mm holes using the template "T10095".

Pz	art.	Descrizione / Description
1	H43307(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
6	H43917	VITE DI MONTAGGIO / MOUNTING SCREW



(*) Per caratteristiche e accessori vedere catalogo C67K o C77K

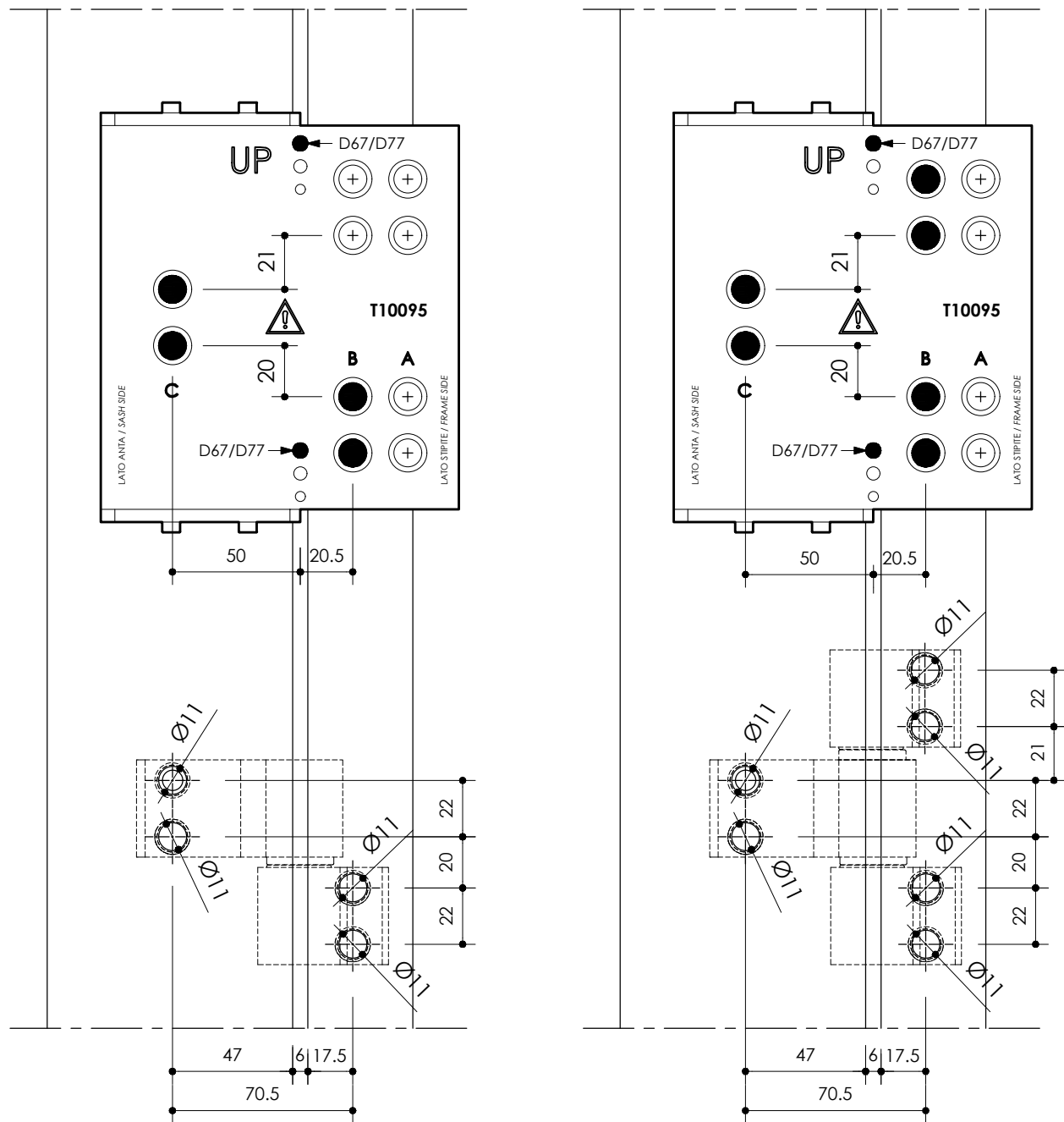
(*) For features and accessories see C67K or C77K catalogue

Fare attenzione al collegamento a muro e sigillatura.

Pay attention to wall connection and sealing.

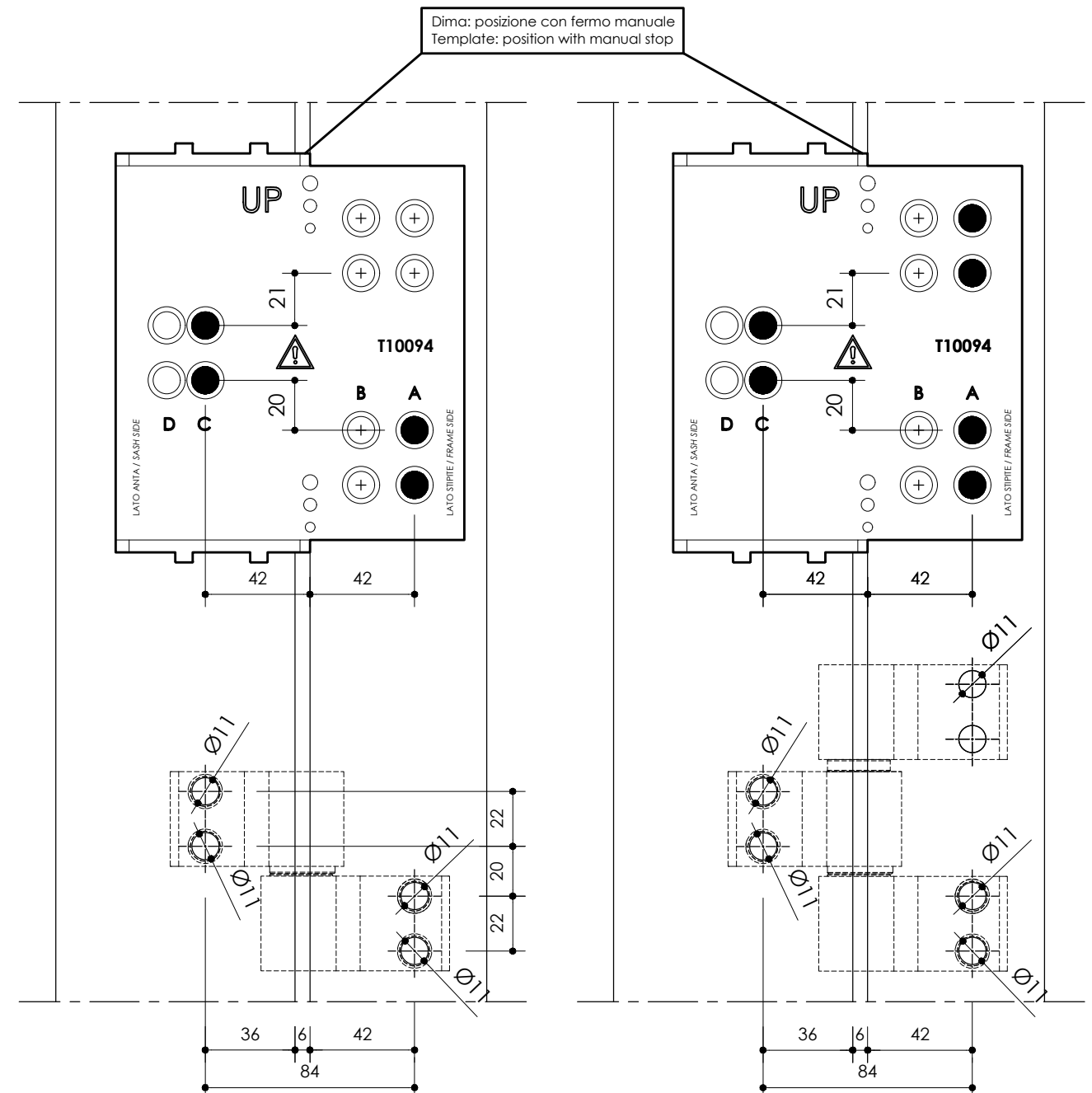
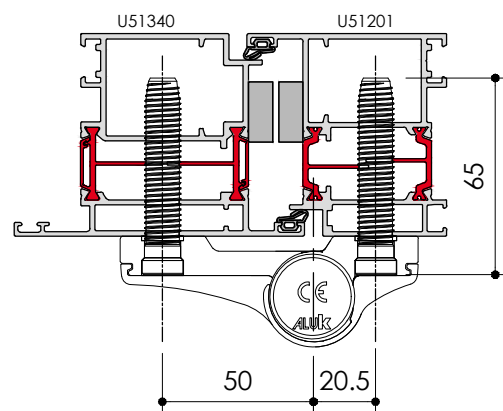
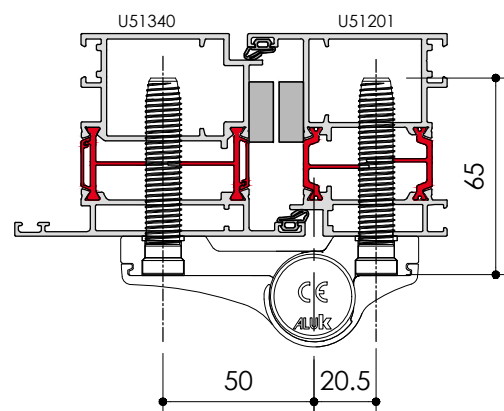
FORATURA PER MONTAGGIO CERNIERE A DUE E TRE ALI, APERTURA ESTERNA D67
 DRILLING FOR TWO AND THREE WINGS HINGE ASSEMBLING DIAGRAM, D67 OUTWARD OPENING

D67	D77
●	



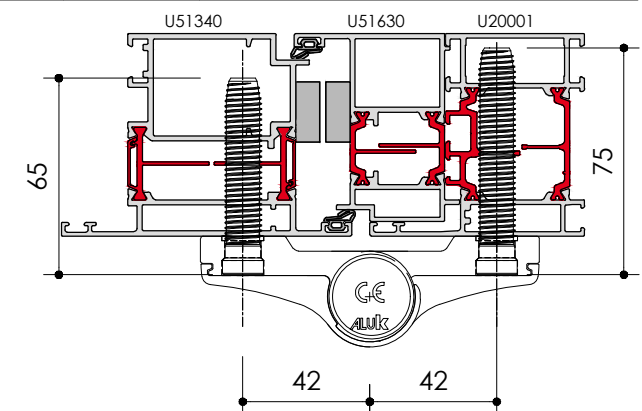
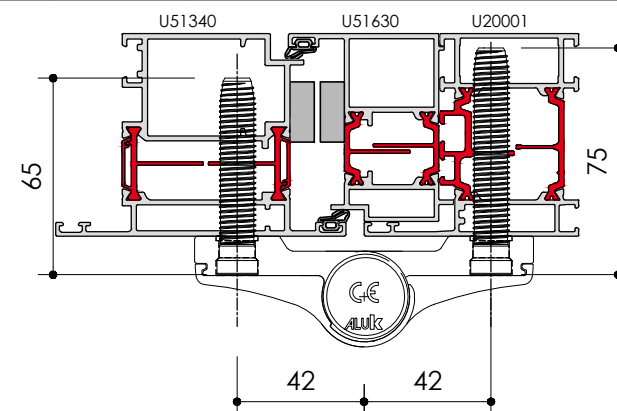
Pz	art.	Descrizione / Description
1	H43306(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
4	H43917	VITE DI MONTAGGIO / MOUNTING SCREW

Pz	art.	Descrizione / Description
1	H43307(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
6	H43917	VITE DI MONTAGGIO / MOUNTING SCREW



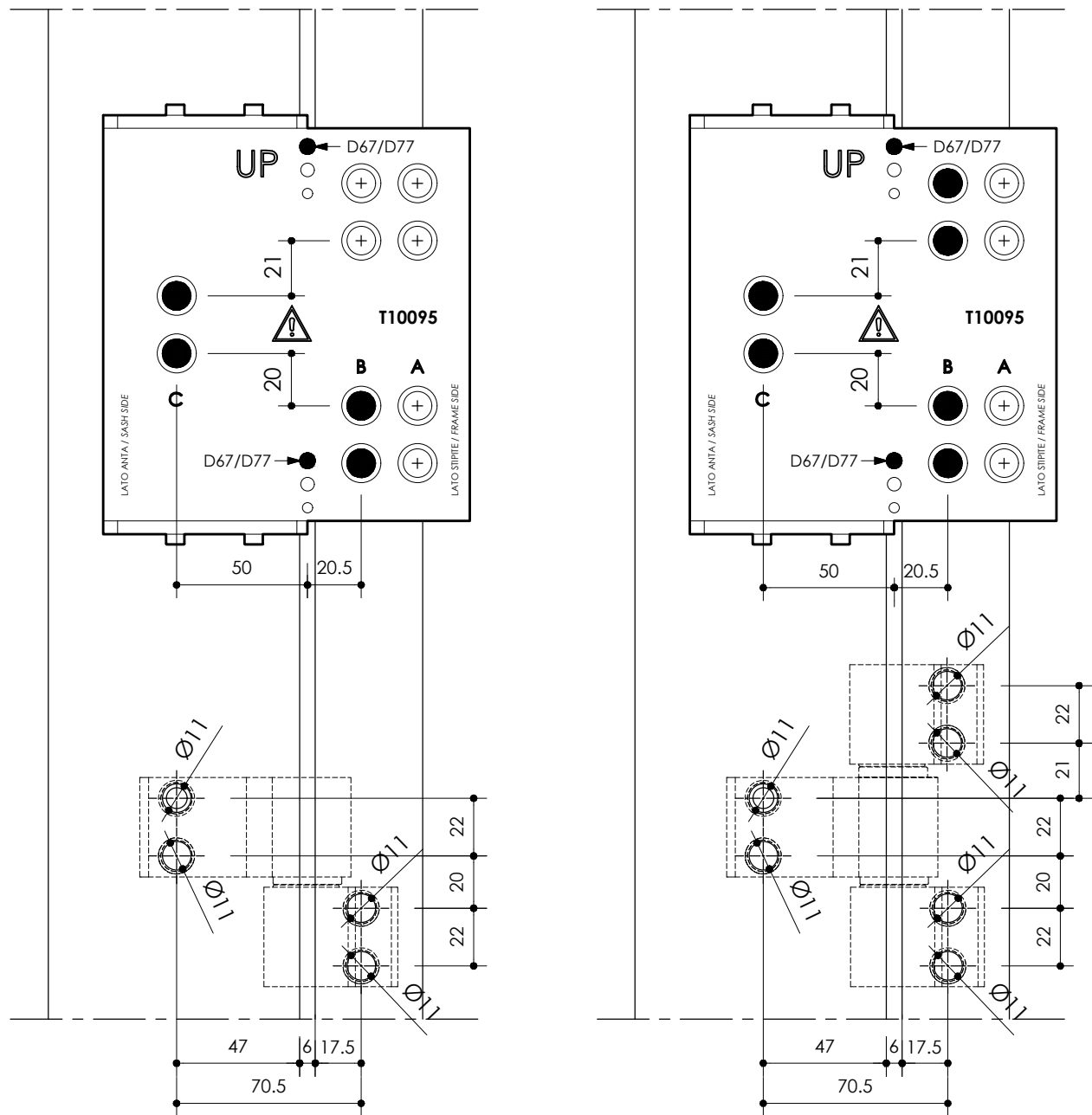
Pz	art.	Descrizione / Description
1	H43310(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
2	H43918	VITE TELAIO / FRAME SCREW
2	H43917	VITE ANTA / SASH SCREW

Pz	art.	Descrizione / Description
1	H43311(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
4	H43918	VITE TELAIO / FRAME SCREW
2	H43917	VITE ANTA / SASH SCREW



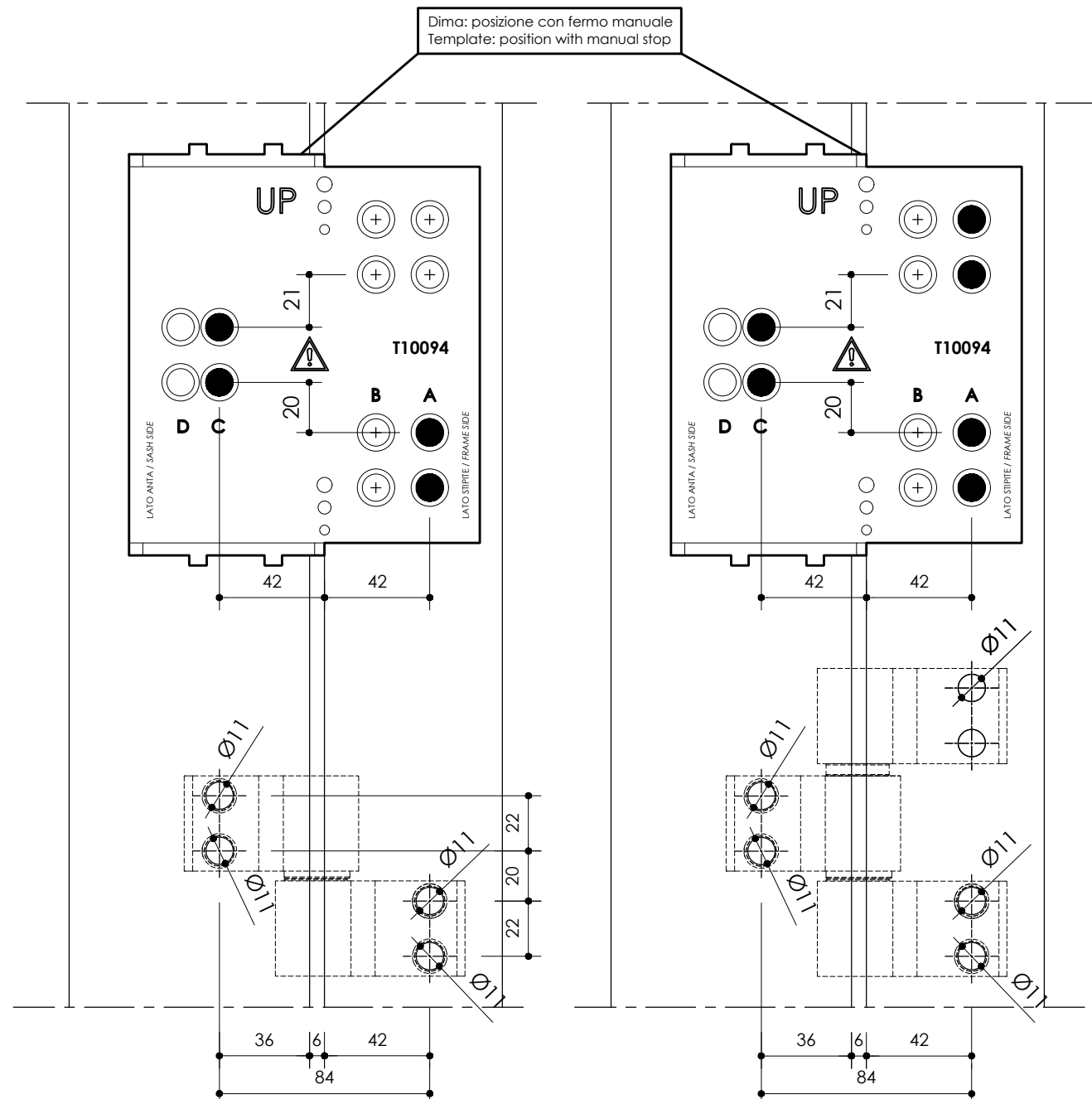
FORATURA PER MONTAGGIO CERNIERE A DUE E TRE ALI, APERTURA ESTERNA D77
 DRILLING FOR TWO AND THREE WINGS HINGE ASSEMBLING DIAGRAM, D77 OUTWARD OPENING

D67	D77
	●



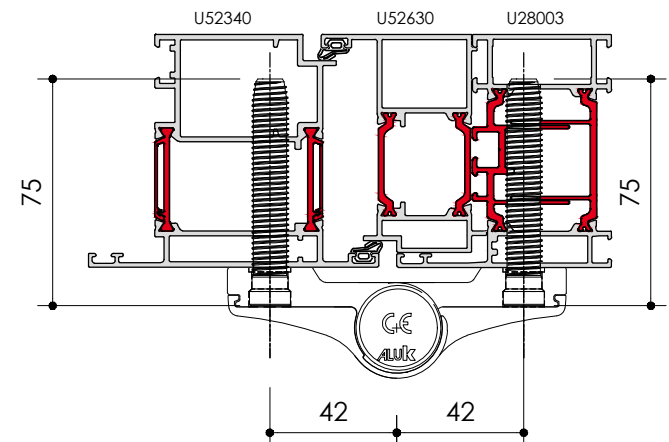
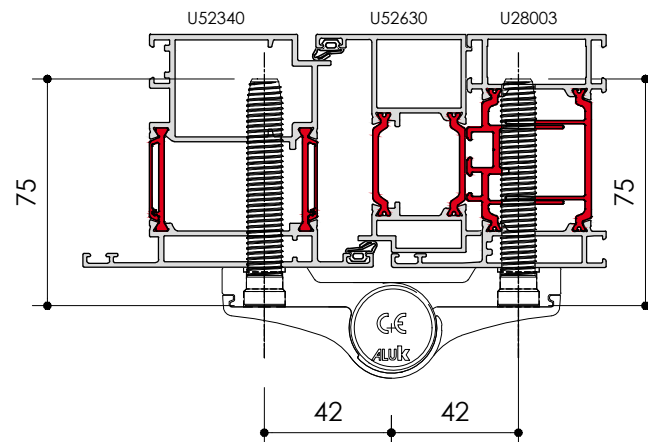
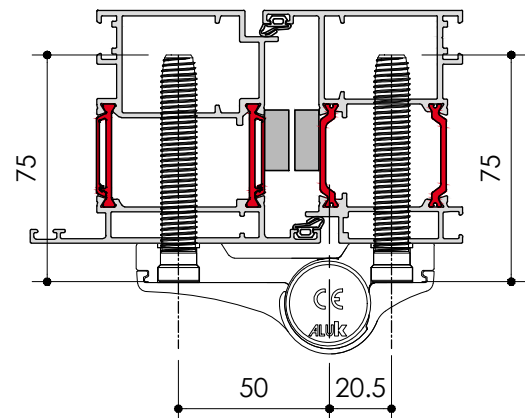
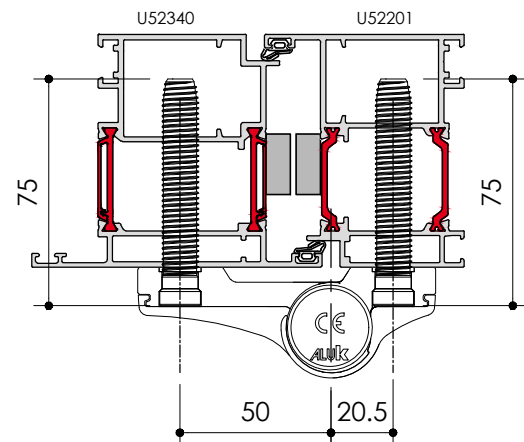
Pz	art.	Descrizione / Description
1	H43306(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
4	H43918	VITE DI MONTAGGIO / MOUNTING SCREW

Pz	art.	Descrizione / Description
1	H43307(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
6	H43918	VITE DI MONTAGGIO / MOUNTING SCREW

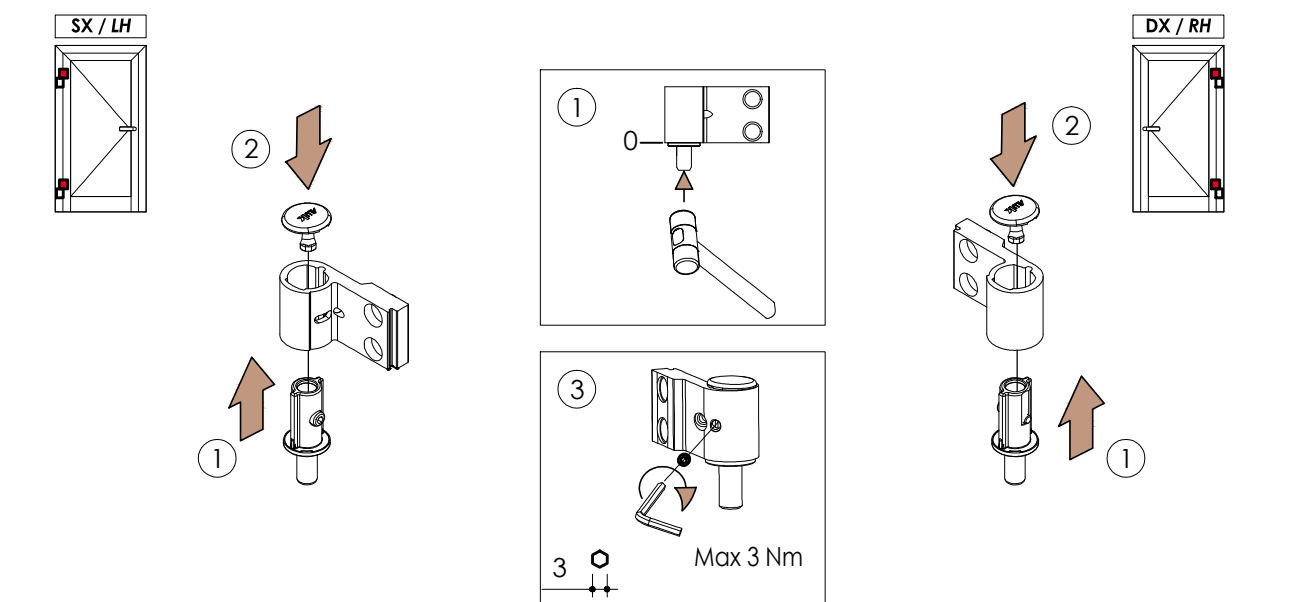


Pz	art.	Descrizione / Description
1	H43310(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
4	H43918	VITE DI MONTAGGIO / MOUNTING SCREW

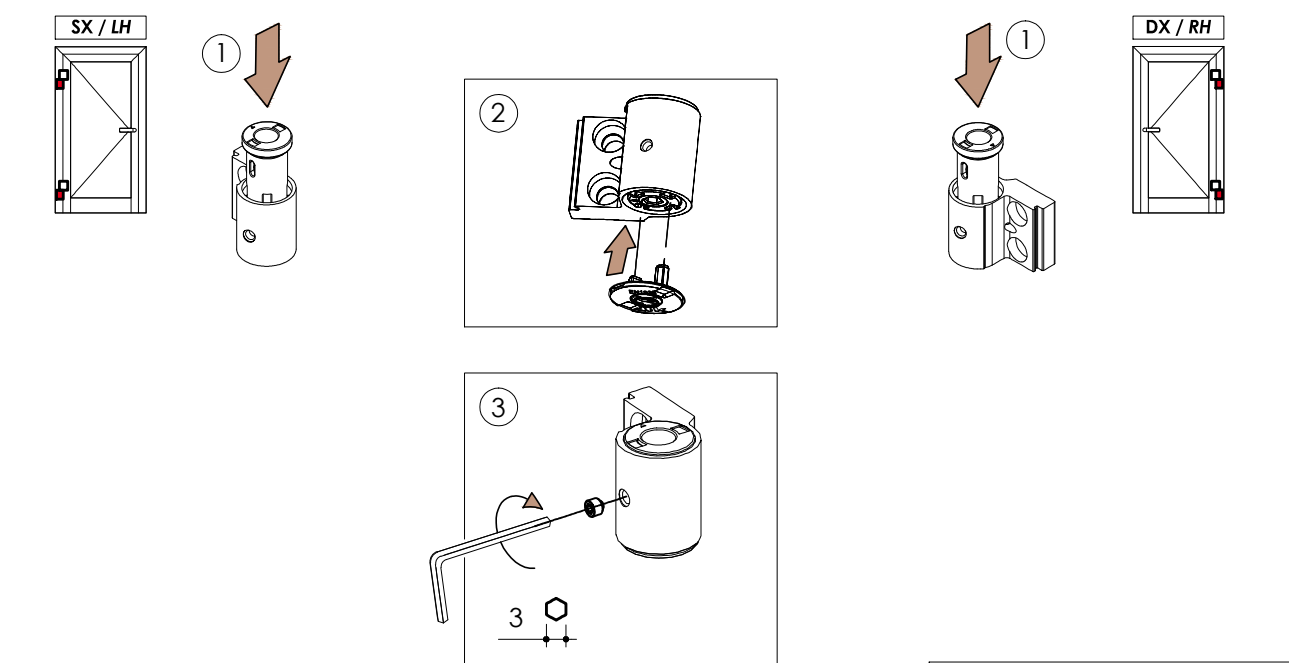
Pz	art.	Descrizione / Description
1	H43311(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
6	H43918	VITE DI MONTAGGIO / MOUNTING SCREW



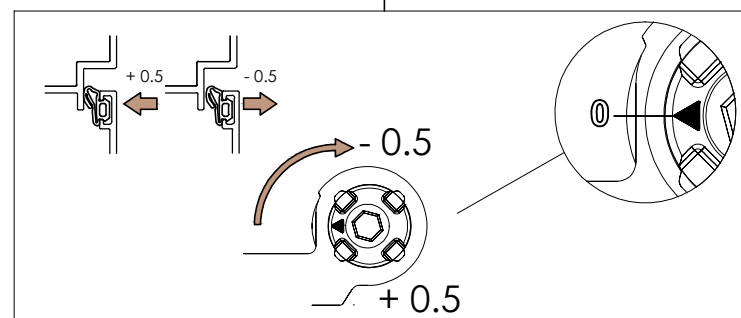
SCHEMA DI ASSEMBLAGGIO CERNIERE A 2 ALI **TWO WINGS HINGES ASSEMBLING DIAGRAM**



- ① Inserire il perno nella boccia
Insert the pivot in to the bush
- ② Inserire la boccia e il tappo nella semi-cerniera superiore
Insert the bush and the cup in to the upper hinge
- ③ Inserire il grano di fissaggio, con chiave esagonale 3 mm
Insert the screw to fix, use Allen key 3 mm

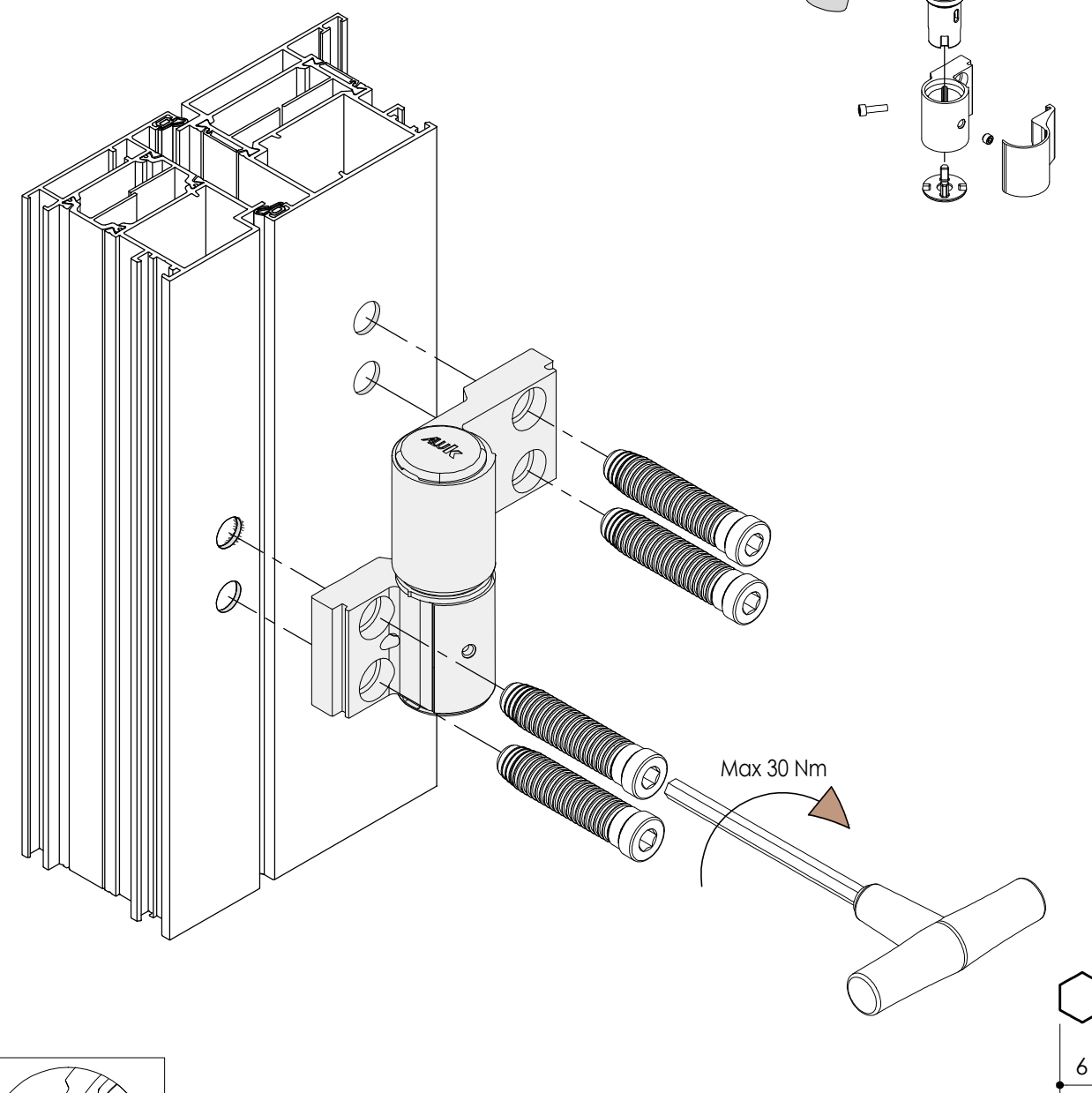
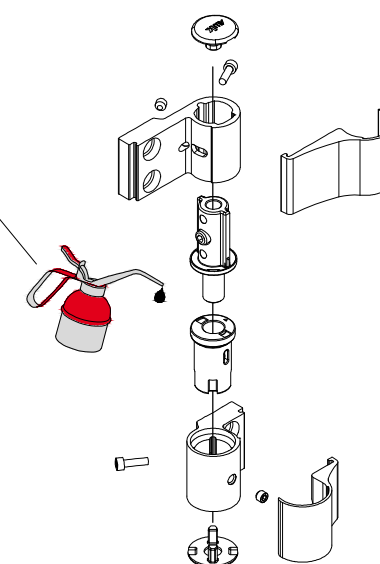


- ① Inserire il perno nella boccia
Insert the pivot in to the bush
- ② Inserire la boccia e il tappo nella semi-cerniera inferiore
Insert the bush and the cup in to the lower hinge
- ③ Inserire il grano di fissaggio, con chiave esagonale 3 mm
Insert the screw to fix, use Allen key 3 mm



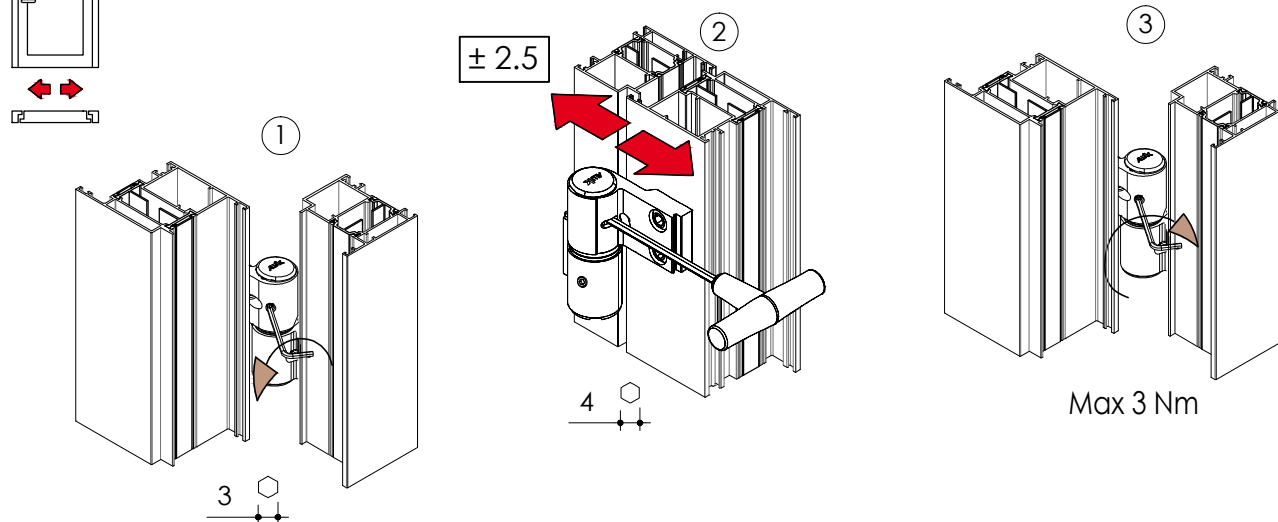
LUBRIFICARE IL PERNO CON
 SPRAY SILICONICO PRIMA DI
 ASSEMBLARE LA CERNIERA

 LUBRICATE THE PIN WITH
 SILICON SPRAY BEFORE HINGE
 ASSEMBLING



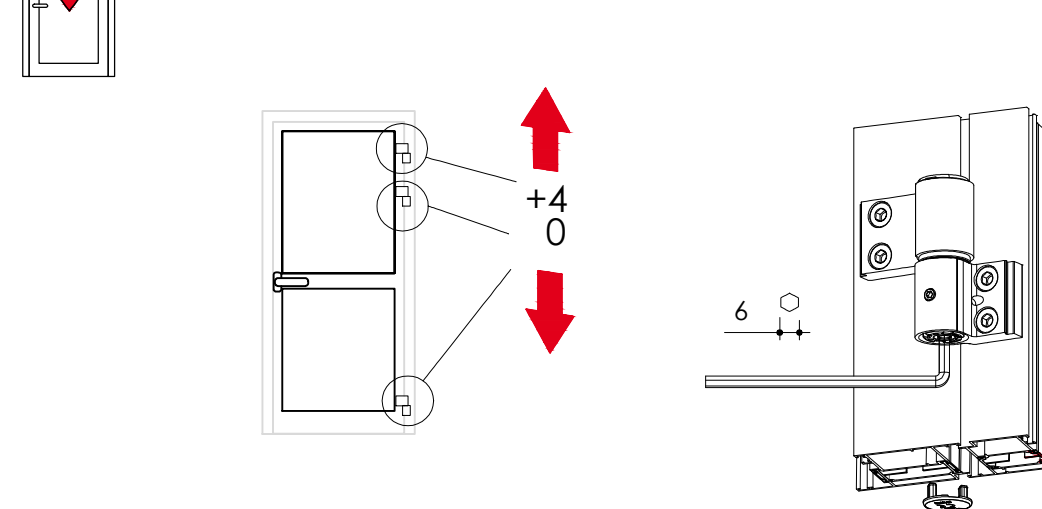
SCHEMA DI REGOLAZIONE CERNIERE 2 ALI DOUBLE WING HINGES SETTING DIAGRAM

REGOLAZIONE ORIZZONTALE HORIZONTAL ADJUSTMENTS



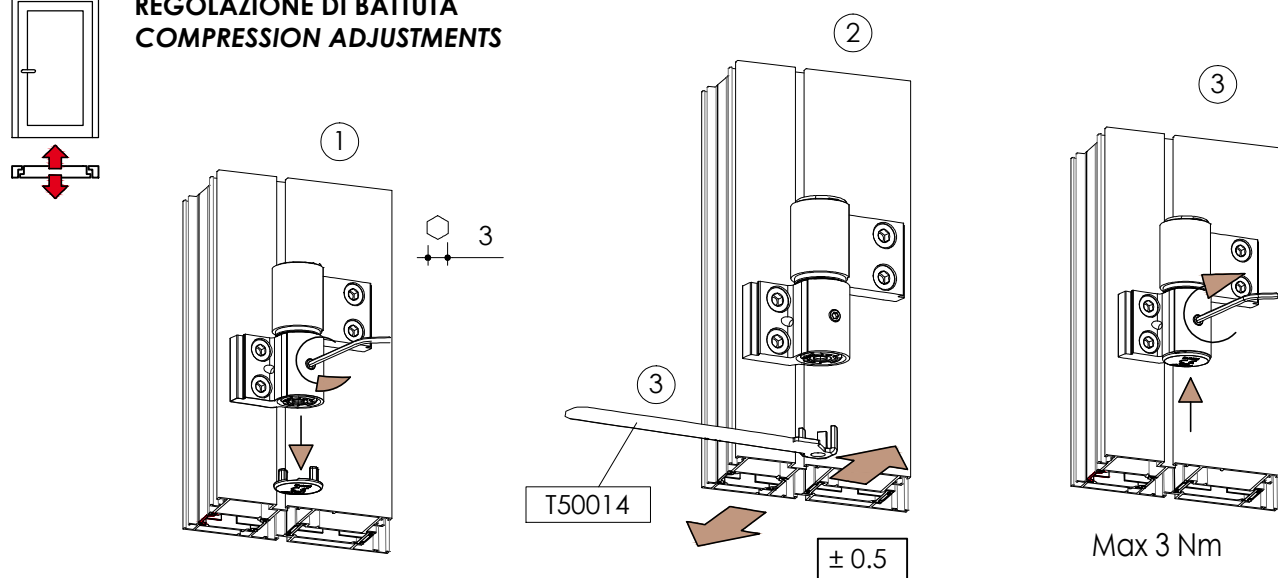
- ① Sbloccare la vite di fermo, con chiave esagonale 3 mm
Unlock the latch, use Allen key 3 mm
- ② Effettuare la regolazione orizzontale (± 2.5 mm), con chiave da 4 mm
Adjust (± 2.5 mm), use Allen key 4 mm
- ③ Bloccare il fermo, con chiave esagonale 3 mm
Lock the latch, use Allen key 3mm

REGOLAZIONE VERTICALE VERTICAL ADJUSTMENTS



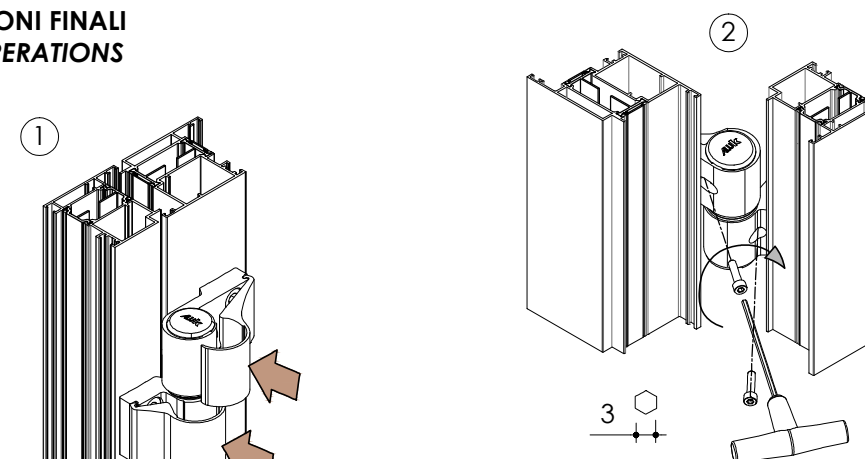
- ① Rimuovere il tappo
Remove the plug
- ② Effettuare la regolazione (+ 4 mm/ 0), con chiave da 6 mm
Adjust (+ 4 mm/ 0), use hex key 6mm

REGOLAZIONE DI BATTUTA COMPRESSION ADJUSTMENTS

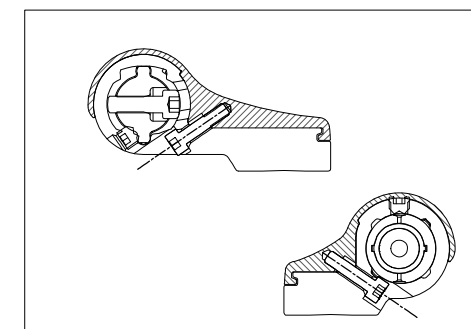


- ① Sbloccare la vite di fermo, con chiave esagonale 3 mm , e togliere il tappo
Unlock the latch, use hex key 3 mm, and remove the plug
- ② Effettuare la regolazione (± 0.5 mm), con chiave speciale T50014
Use T50014 to adjustment (± 0.5 mm)
- ③ Inserire il tappo e bloccare il fermo, con chiave esagonale 3 mm
Insert the plug and lock the latch, use Allen key 3mm

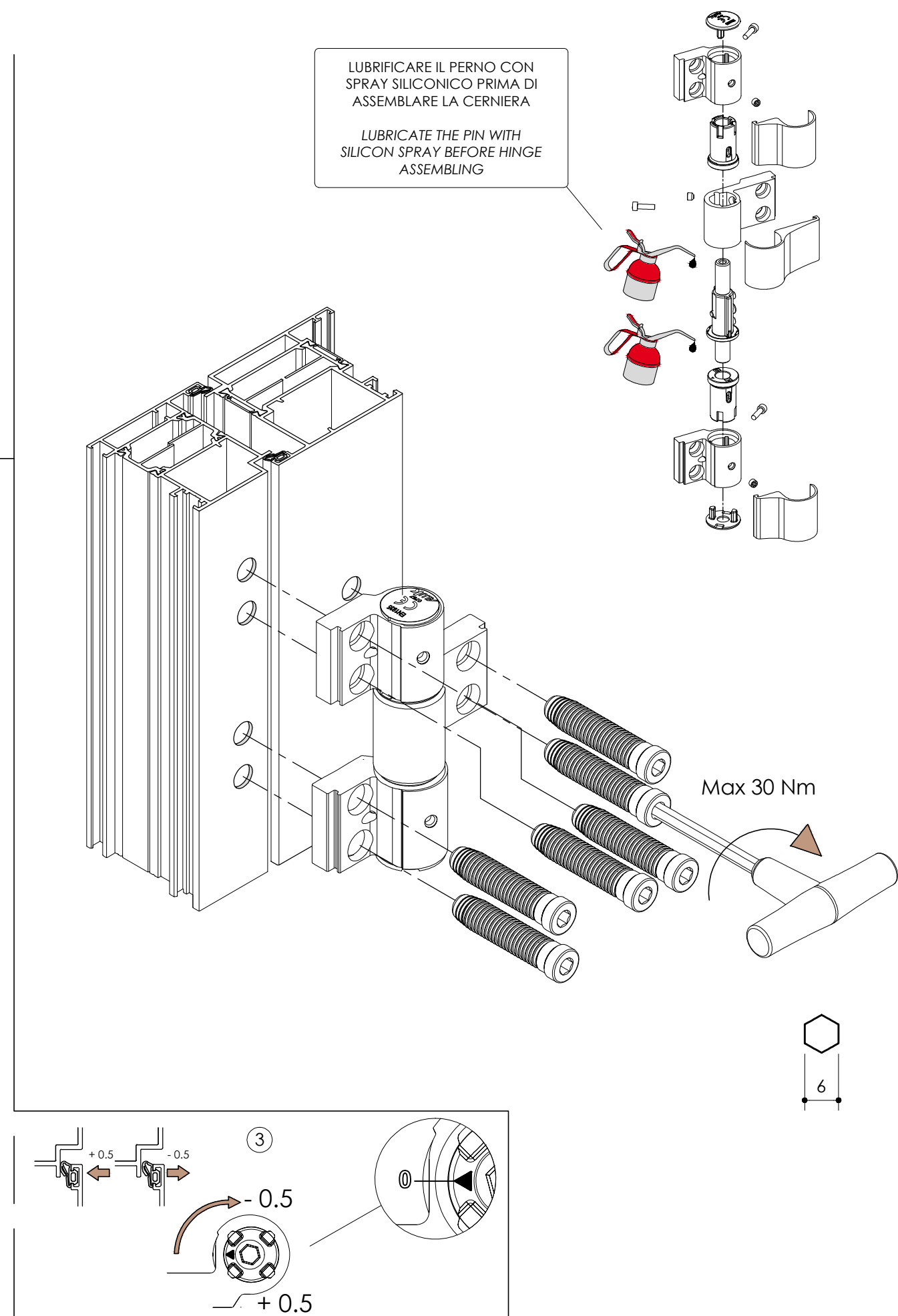
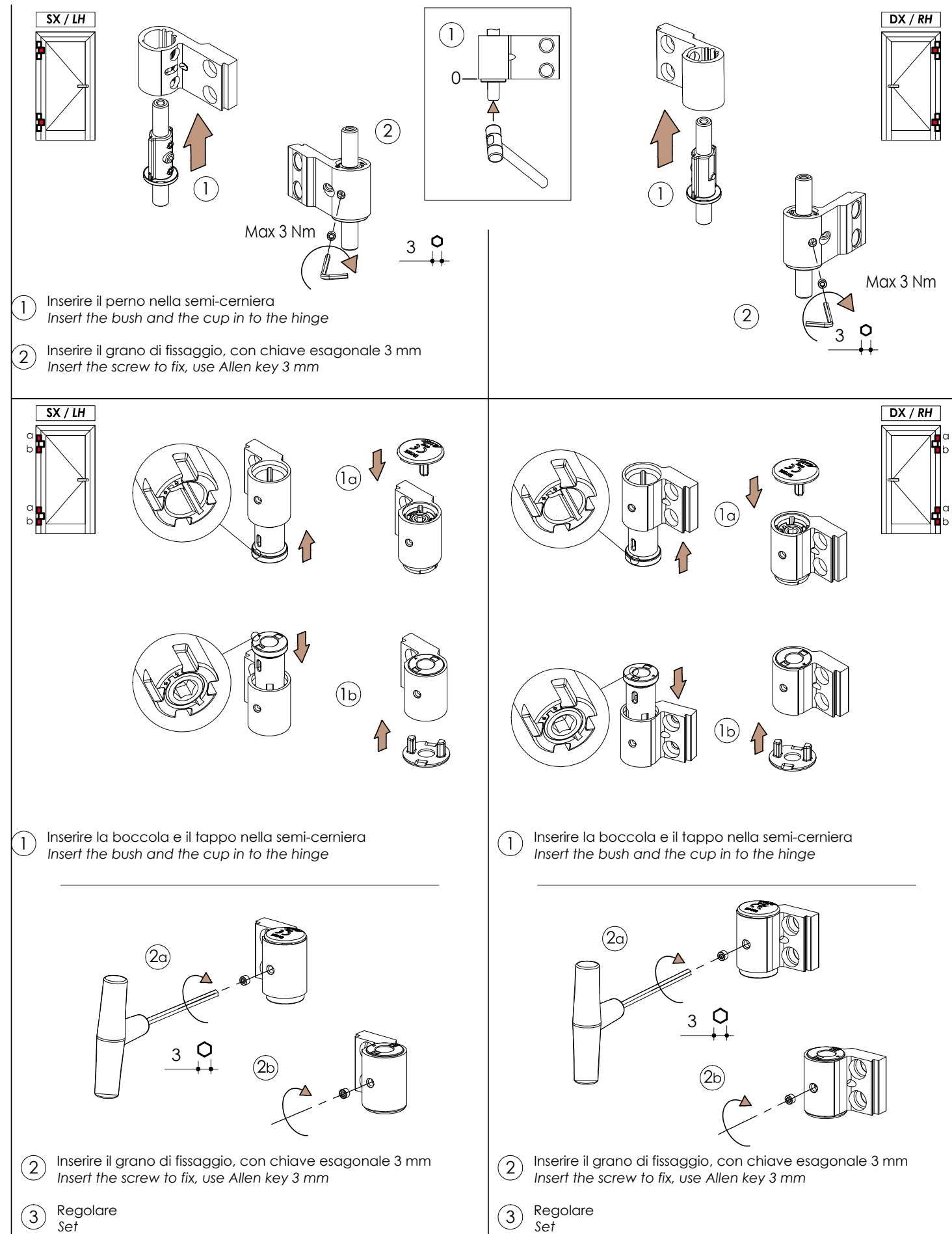
OPERAZIONI FINALI FINAL OPERATIONS



- ① Inserire la copertura
Insert cover
- ② Bloccare la cover, con chiave esagonale 3 mm
Block cover, use Allen key 3 mm

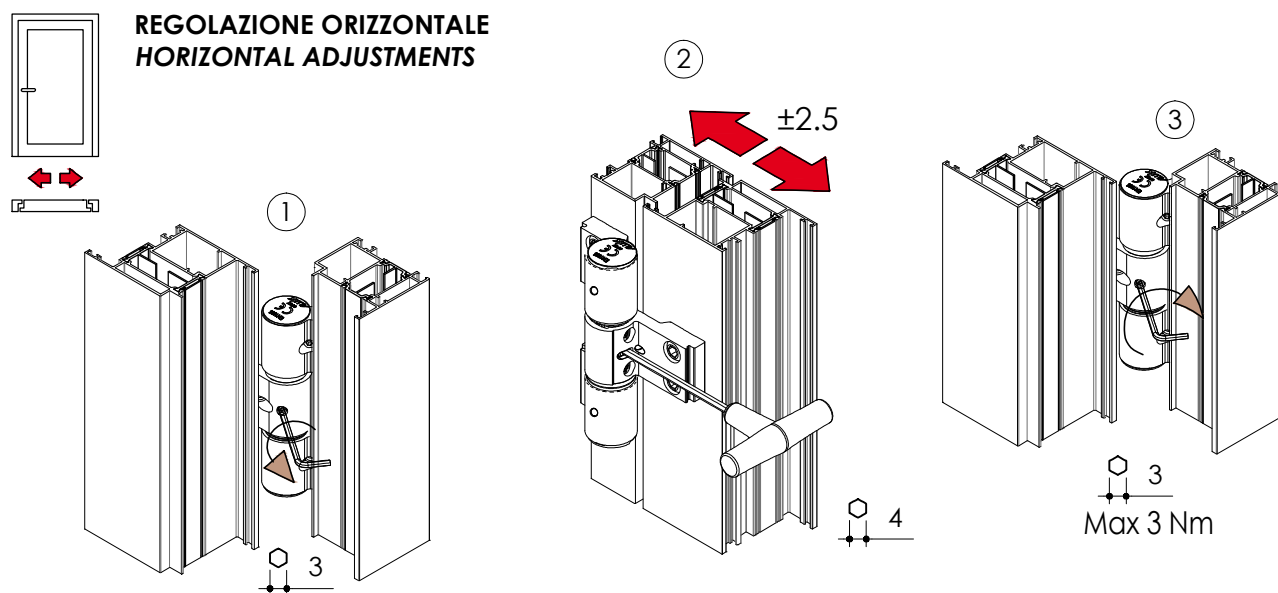


SCHEMA DI ASSEMBLAGGIO E MONTAGGIO CERNIERE A 3 ALI **THREE WINGS HINGES ASSEMBLING DIAGRAM**



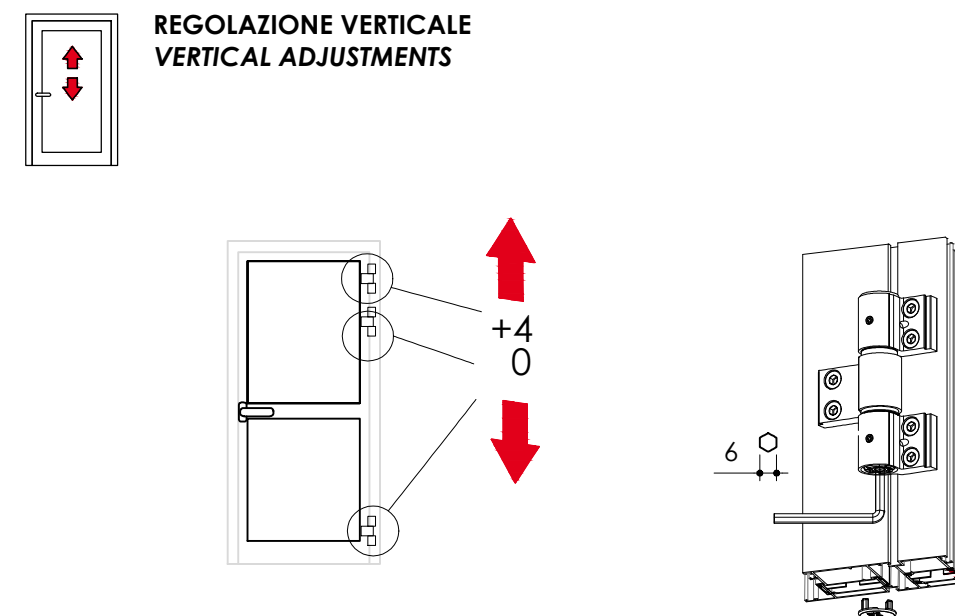
SCHEMA DI REGOLAZIONE CERNIERE 3 ALI THREE WINGS HINGES SETTING DIAGRAM

REGOLAZIONE ORIZZONTALE HORIZONTAL ADJUSTMENTS



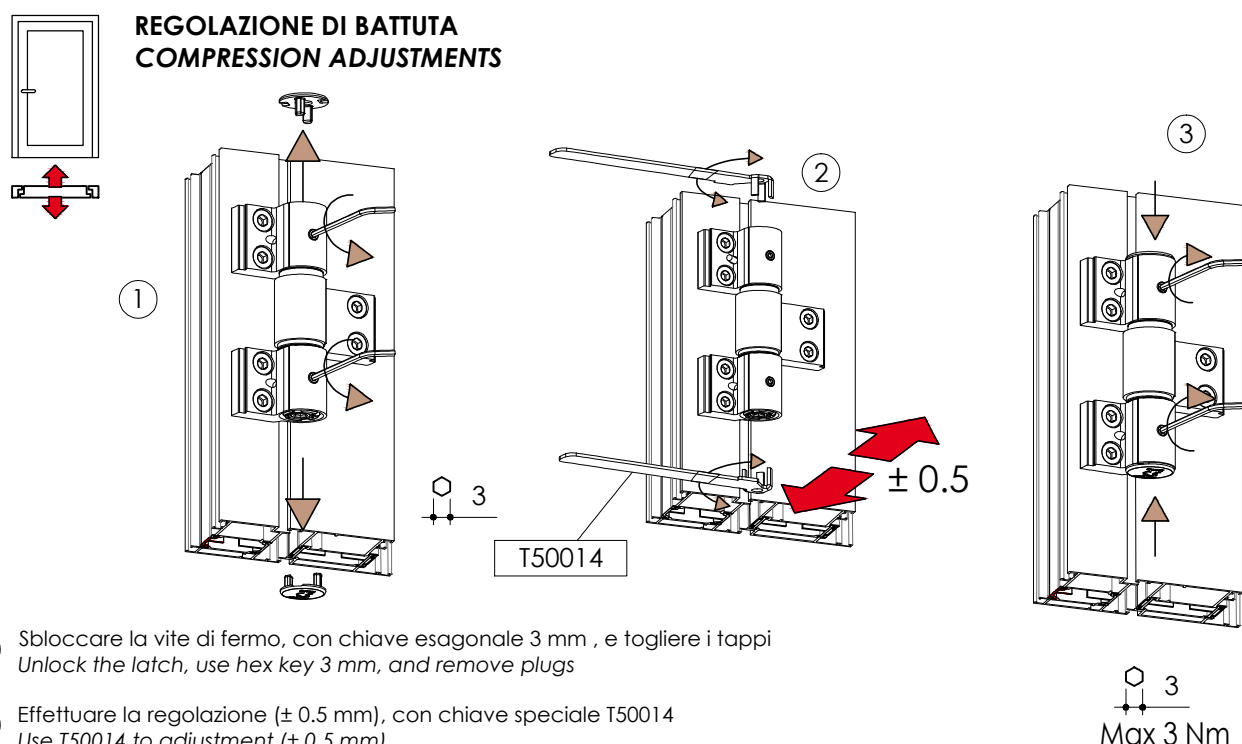
- 1 Sbloccare la vite di fermo, con chiave esagonale 3 mm
Unlock the latch, use Allen key 3 mm
- 2 Effettuare la regolazione orizzontale (± 2.5 mm), con chiave da 4 mm
Adjust (± 2.5 mm), use Allen key 4 mm
- 3 Bloccare il fermo, con chiave esagonale 3 mm
Lock the latch, use Allen key 3mm

REGOLAZIONE VERTICALE VERTICAL ADJUSTMENTS



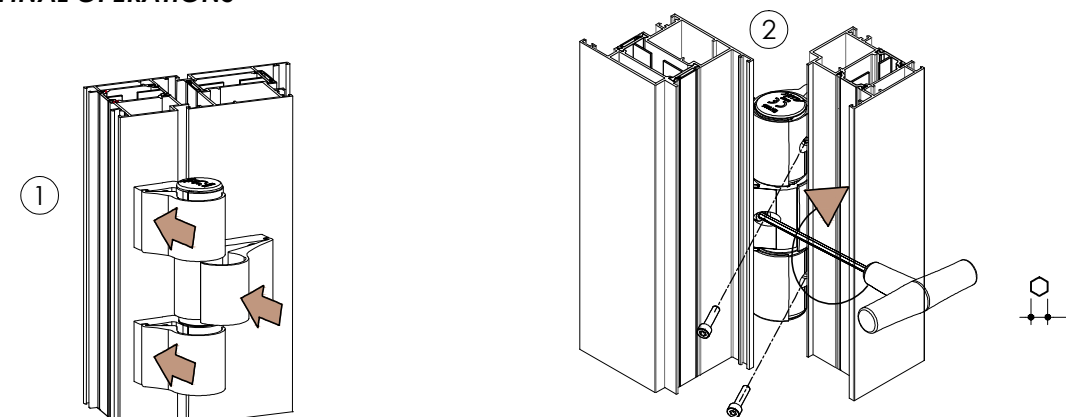
- 1 Rimuovere il tappo
Remove the plug
- 2 Effettuare la regolazione (+ 4 mm/ 0), con chiave da 6 mm
Adjust (+ 4 mm/ 0), use hex key 6mm

REGOLAZIONE DI BATTUTA COMPRESSION ADJUSTMENTS

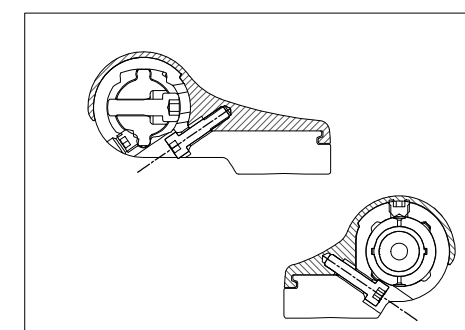


- 1 Sbloccare la vite di fermo, con chiave esagonale 3 mm, e togliere i tappi
Unlock the latch, use hex key 3 mm, and remove plugs
- 2 Effettuare la regolazione (± 0.5 mm), con chiave speciale T50014
Use T50014 to adjustment (± 0.5 mm)
- 3 Inserire i tappi e bloccare il fermo, con chiave esagonale 3 mm
Insert plugs and lock the latch, use Allen key 3mm

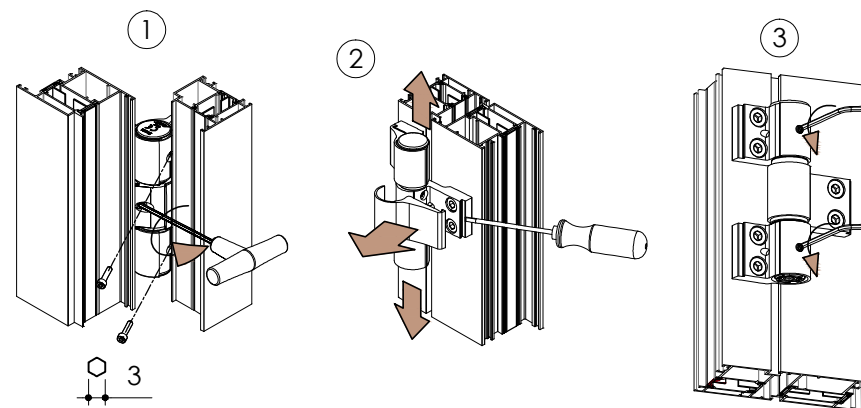
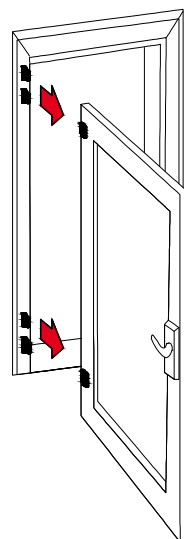
OPERAZIONI FINALI FINAL OPERATIONS



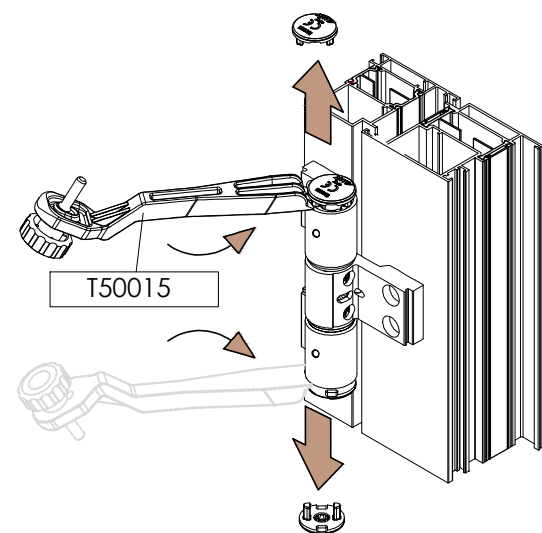
- 1 Inserire le coperture
Insert covers
- 2 Bloccare le cover, con chiave esagonale 3 mm
Block covers, use Allen key 3 mm



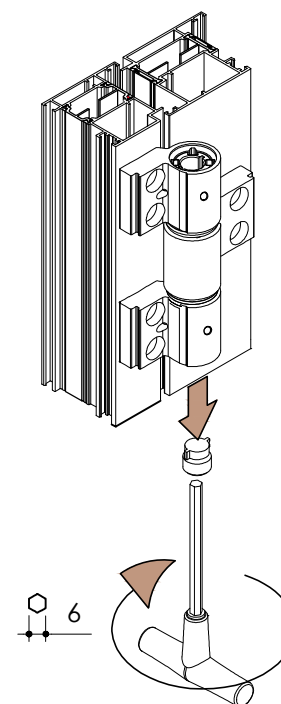
➤ SCHEMA DI SMONTAGGIO CERNIERE 3 ALI THREE WING HINGES DISASSEMBLING DIAGRAM



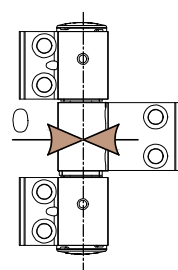
- ① Sbloccare le viti che fissano le cover, con chiave esagonale 3 mm
Unlock the covers fixing screws, use Allen key 3 mm
- ② Rimuovere le cover
Remove covers
- ③ Rimuovere il grano di fissaggio boccola, con chiave esagonale 3 mm
Remove the set screw, use Allen key 3mm



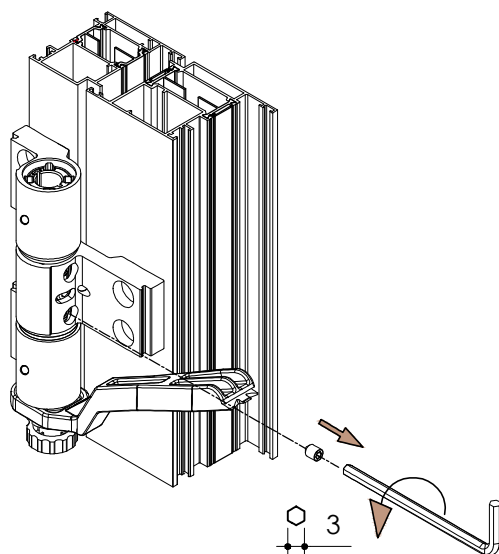
- Rimuovere i tappi, con attrezzo speciale T50015
Remove the plugs, use T50015 tool



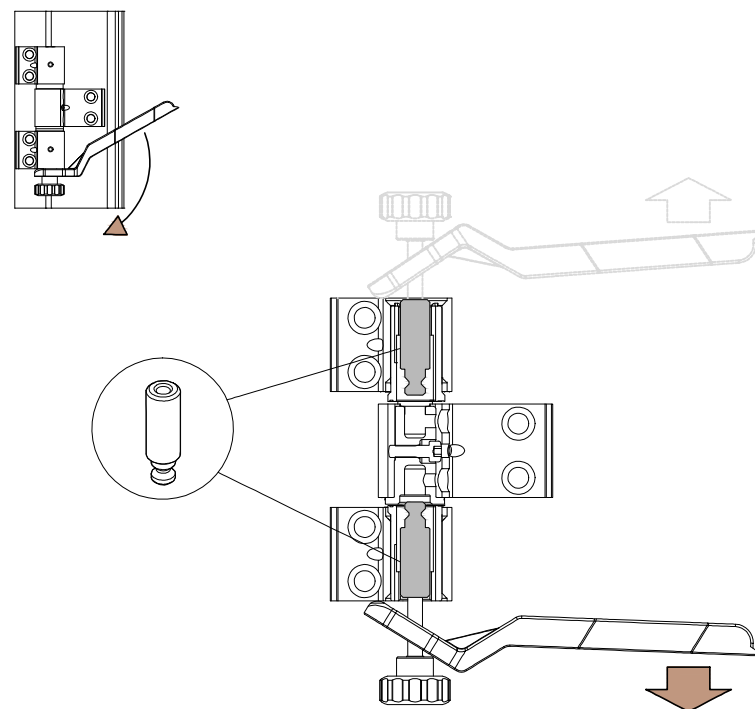
- Svitare la vite di regolazione verticale
Unscrew the vertical adjusting screw



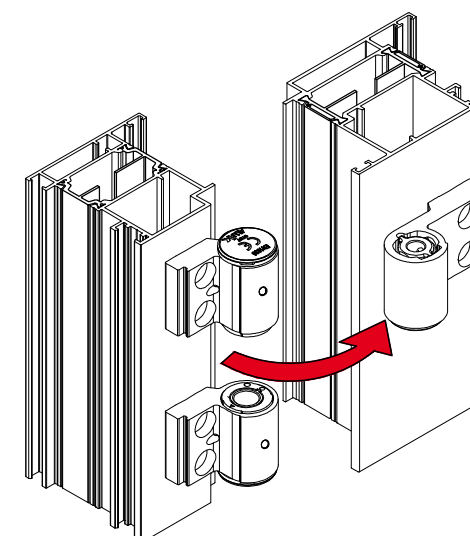
⚠ La cerniera dev'essere regolata a 0
The hinge has to be in "0" position



- Avvitare estrattore perno art. T50015
Tighten art. T50015
- Rimuovere il grano di fissaggio perno
Remove the pin fixing screw
- Ripetere l'operazione con la semicerniera superiore
Repeat the operation with the upper half hinge

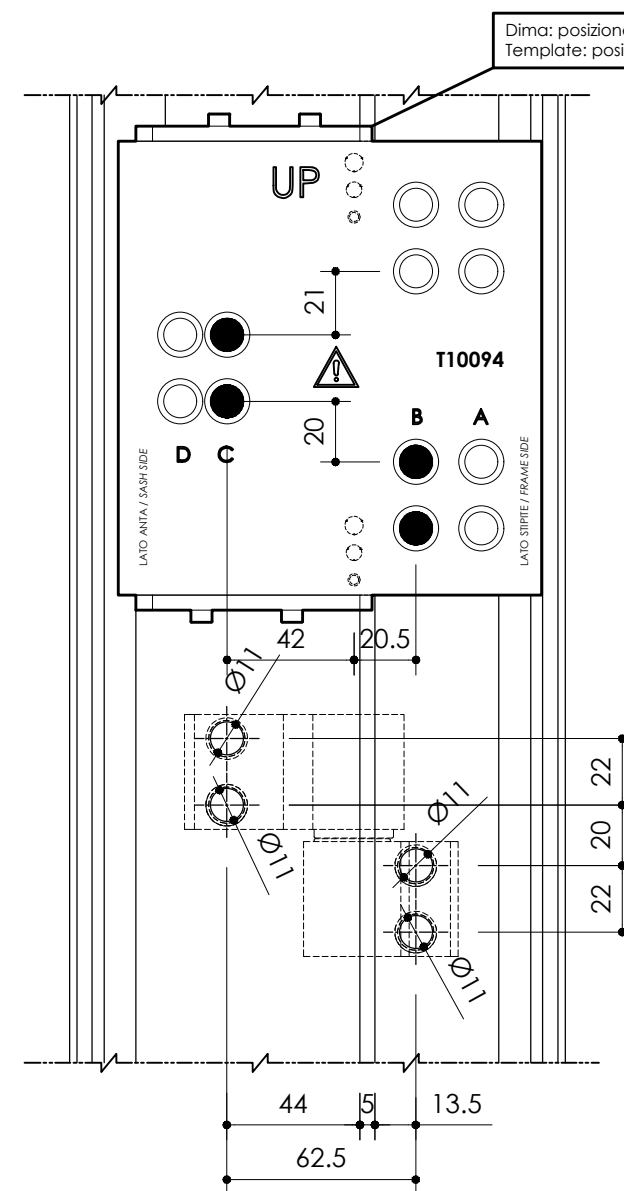
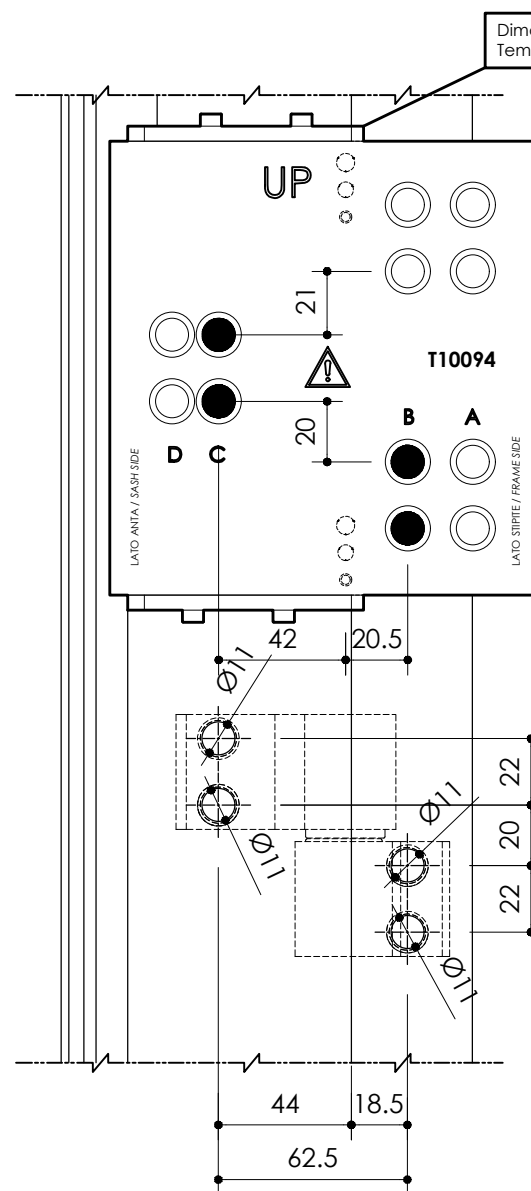
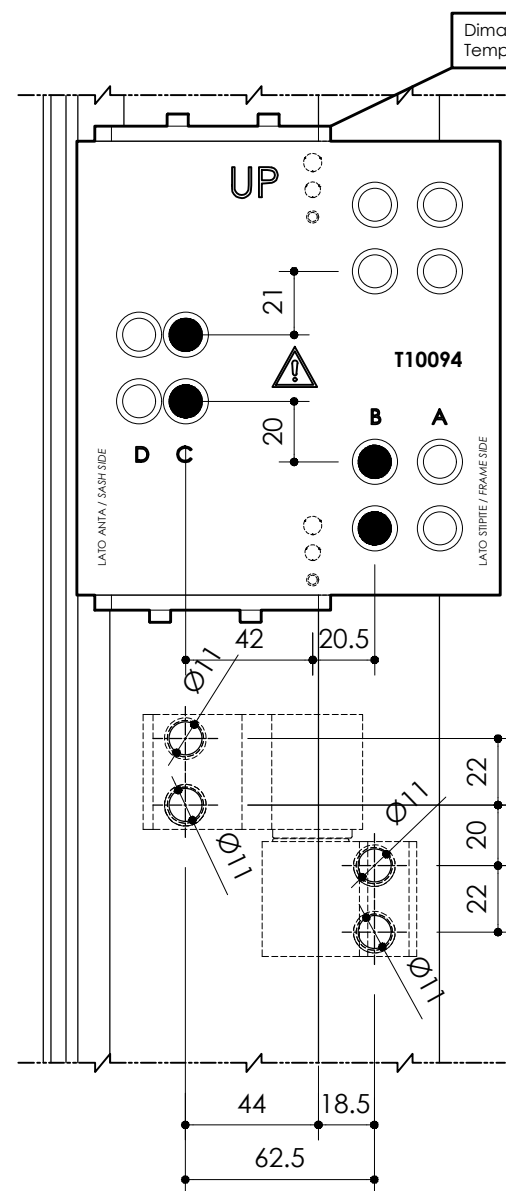


- Sfilare il perno
Remove the pin
- Ripetere l'operazione con la semicerniera superiore
Repeat the operation with the upper half hinge



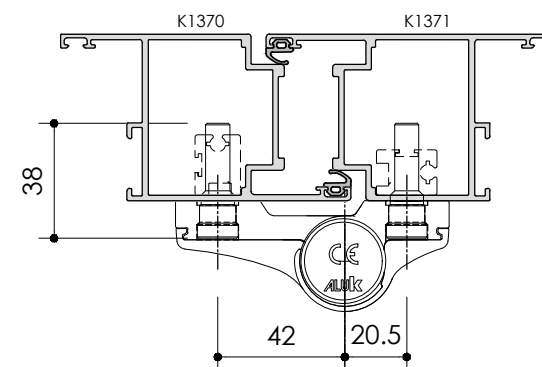
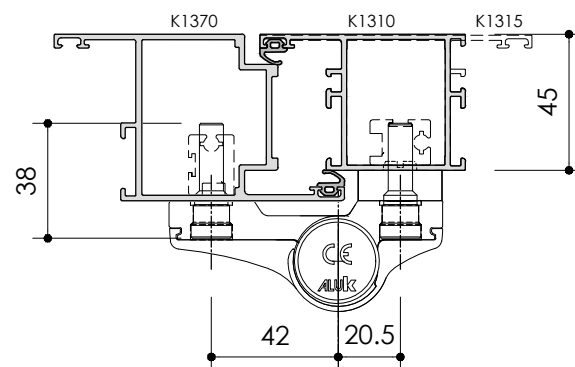
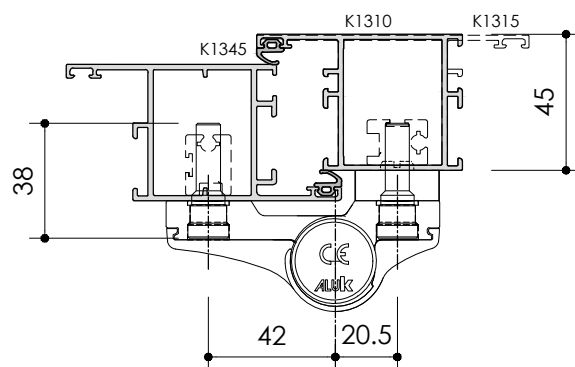
➤ MONTAGGIO CERNIERE DUE ALI, APERTURA INTERNA
TWO WINGS HINGE ASSEMBLING DIAGRAM, INWARD OPENING

45N	55N
●	



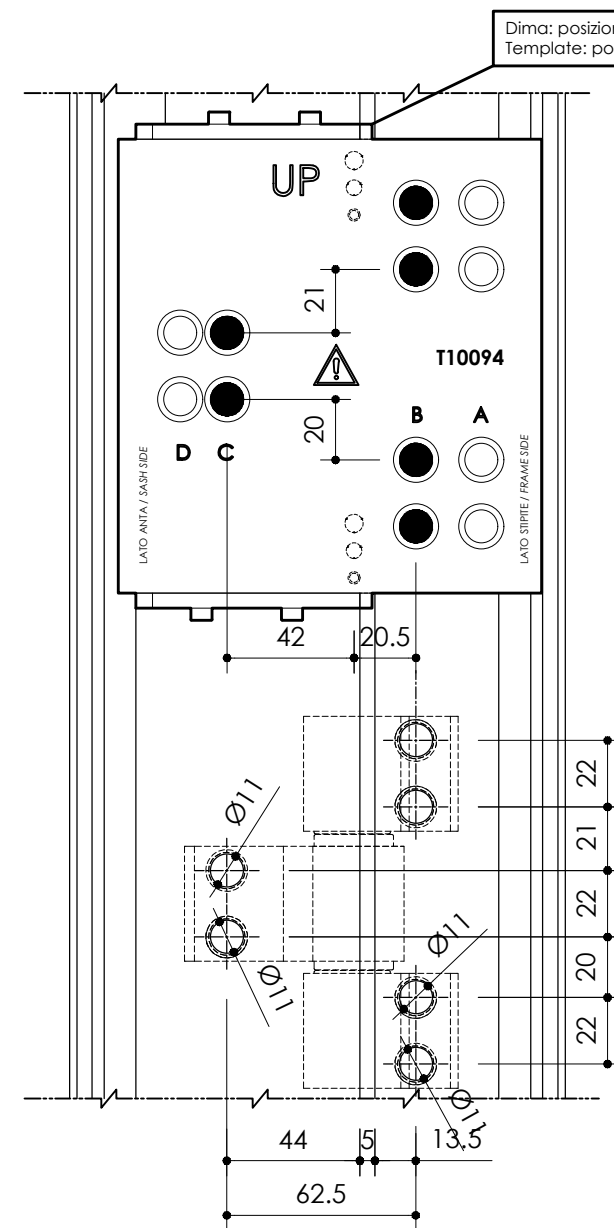
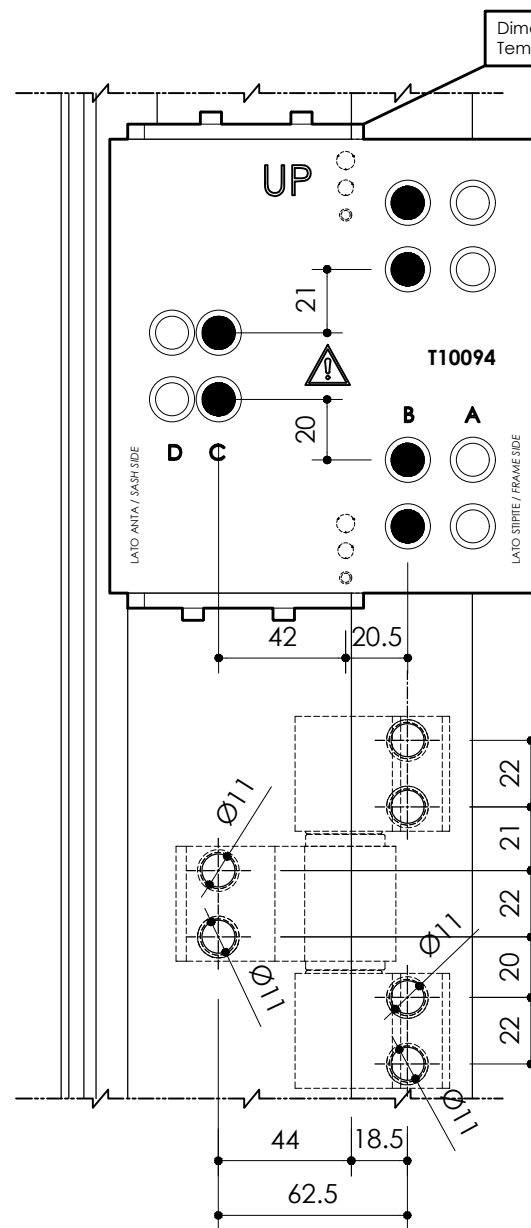
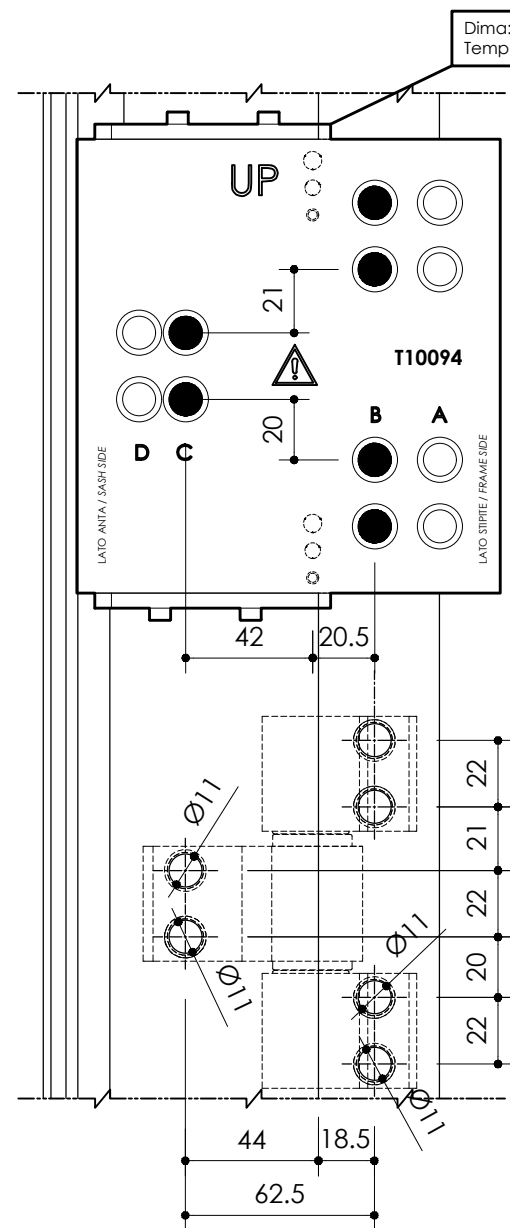
Pz	art.	Descrizione / Description
1	H43304(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
1	H43909	SPESSORE 10 mm / 10 mm SPACER
1	H43605	KIT DI FISSAGGIO / FIXING KIT

Pz	art.	Descrizione / Description
1	H43304(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
1	H43605	KIT DI FISSAGGIO / FIXING KIT



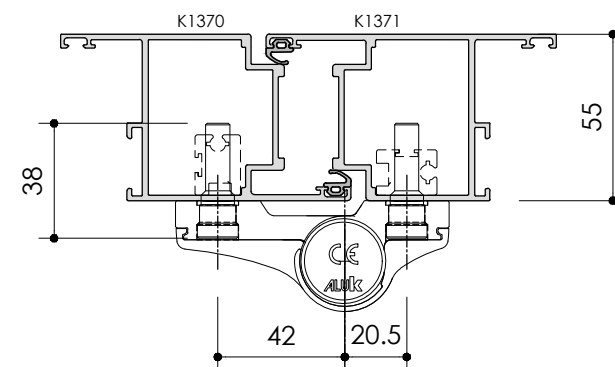
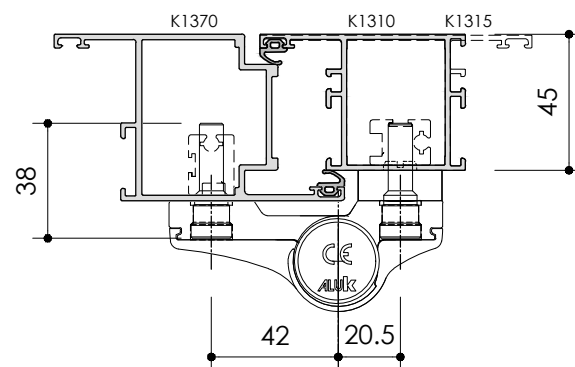
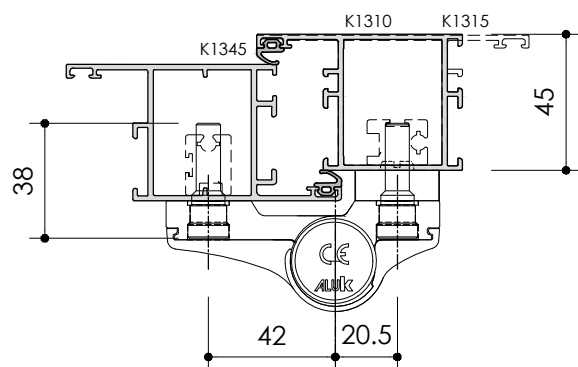
➤ **MONTAGGIO CERNIERE TRE ALI, APERTURA INTERNA**
THREE WINGS HINGE ASSEMBLING DIAGRAM, INWARD OPENING

45N	55N
●	



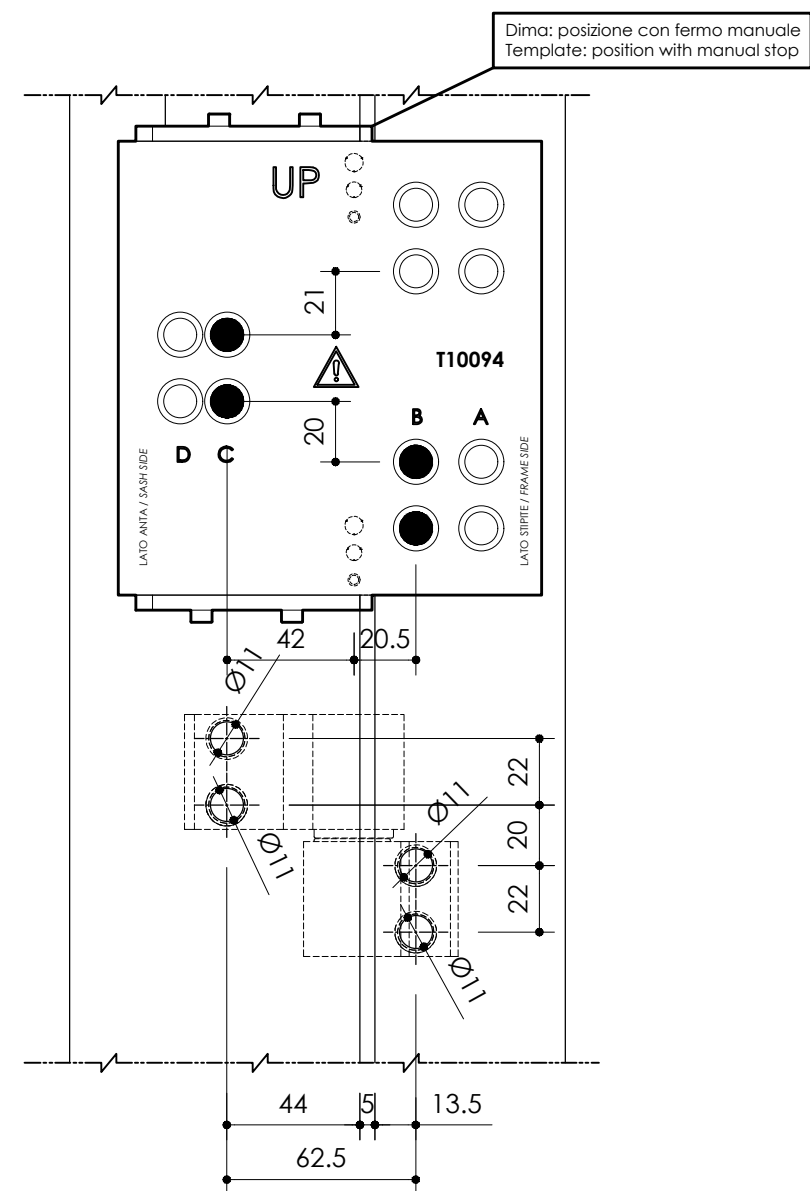
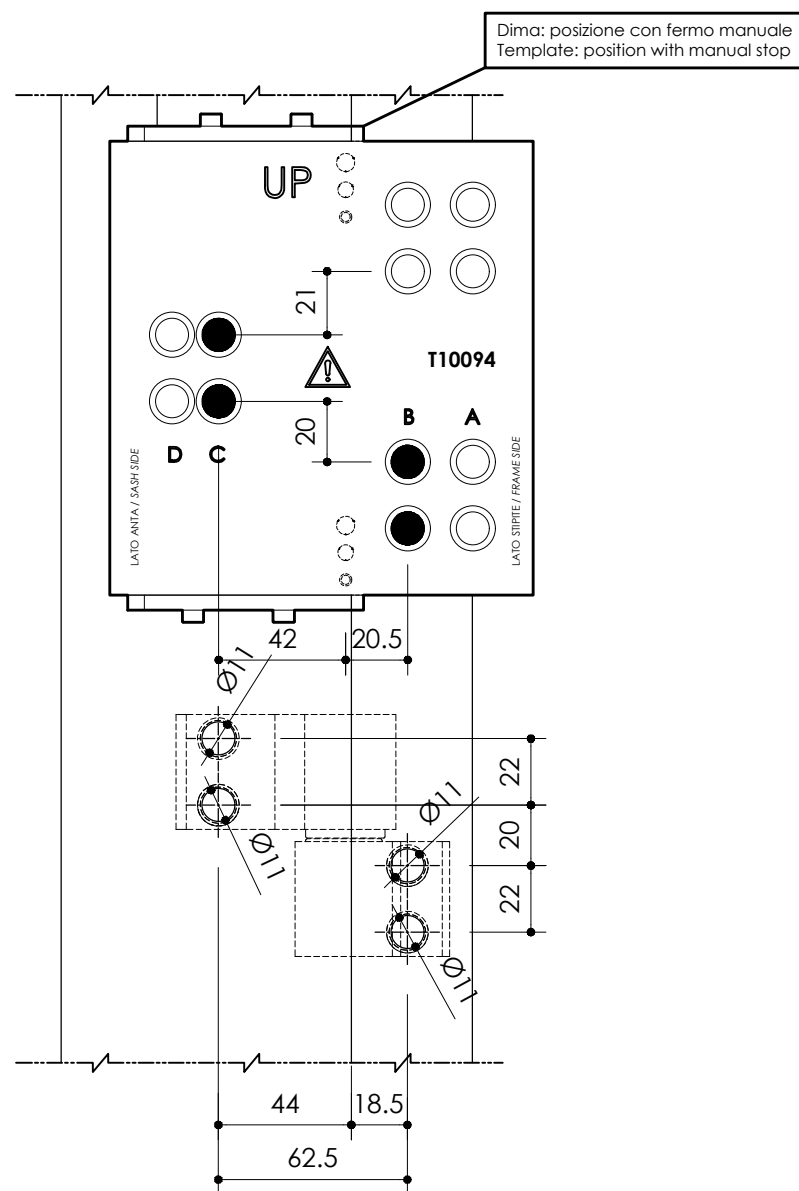
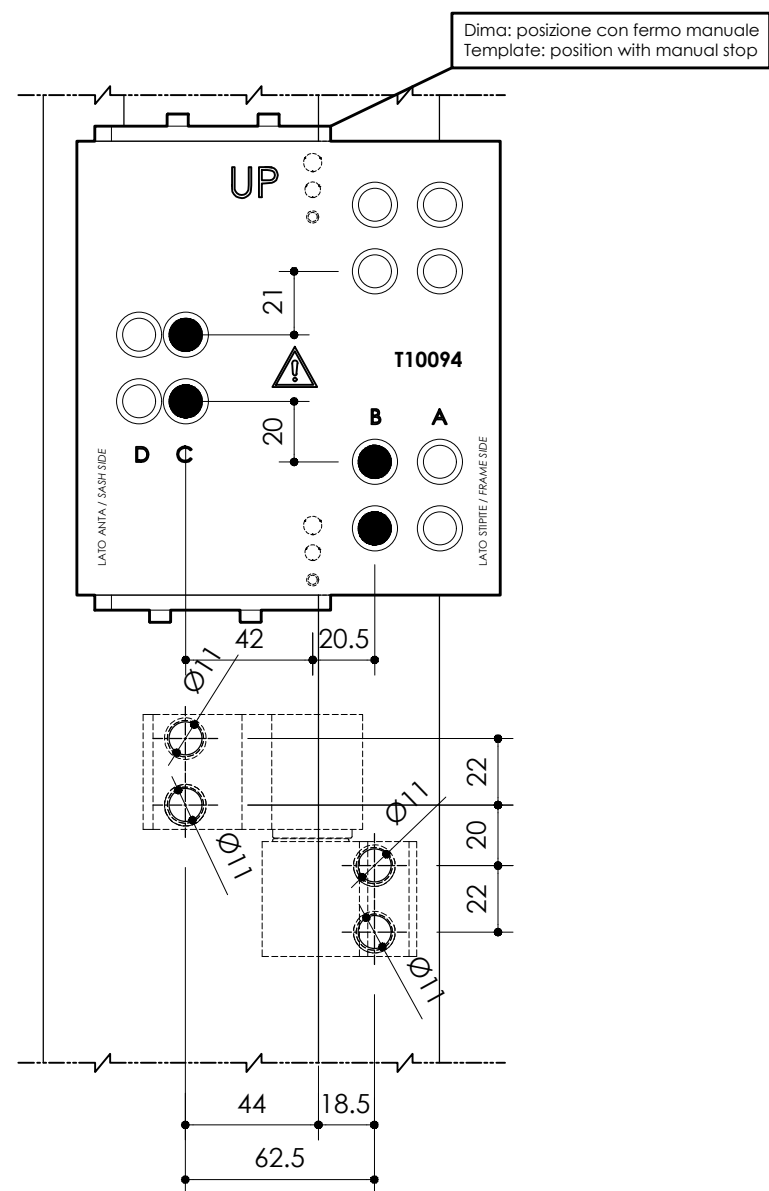
Pz	art.	Descrizione / Description
1	H43305(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
2	H43909	SPESSORE 10 mm / 10 mm SPACER
1	H43606	KIT DI FISSAGGIO / FIXING KIT

Pz	art.	Descrizione / Description
1	H43305(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
1	H43606	KIT DI FISSAGGIO / FIXING KIT



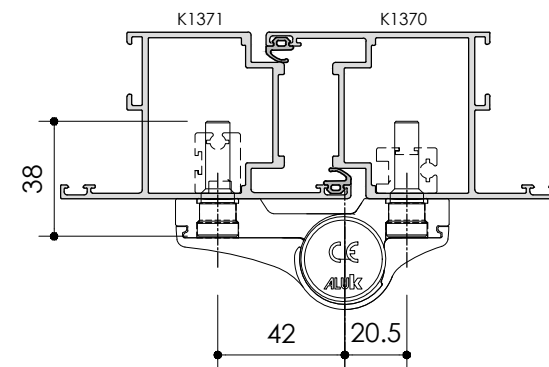
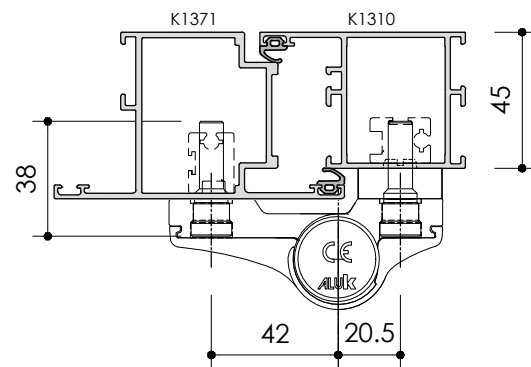
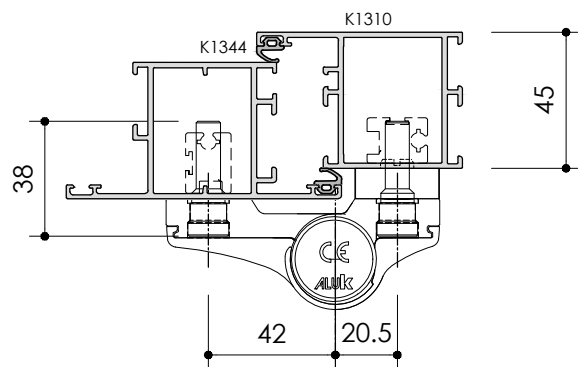
➤ MONTAGGIO CERNIERE DUE ALI, APERTURA ESTERNA
TWO WINGS HINGE ASSEMBLING DIAGRAM, OUTWARD OPENING

45N	55N
●	



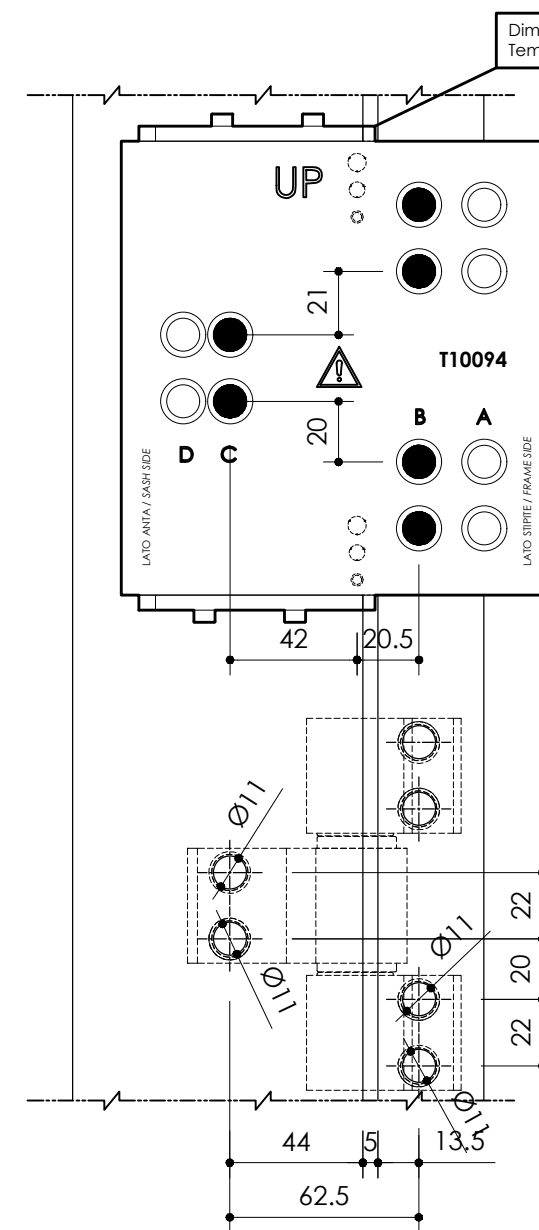
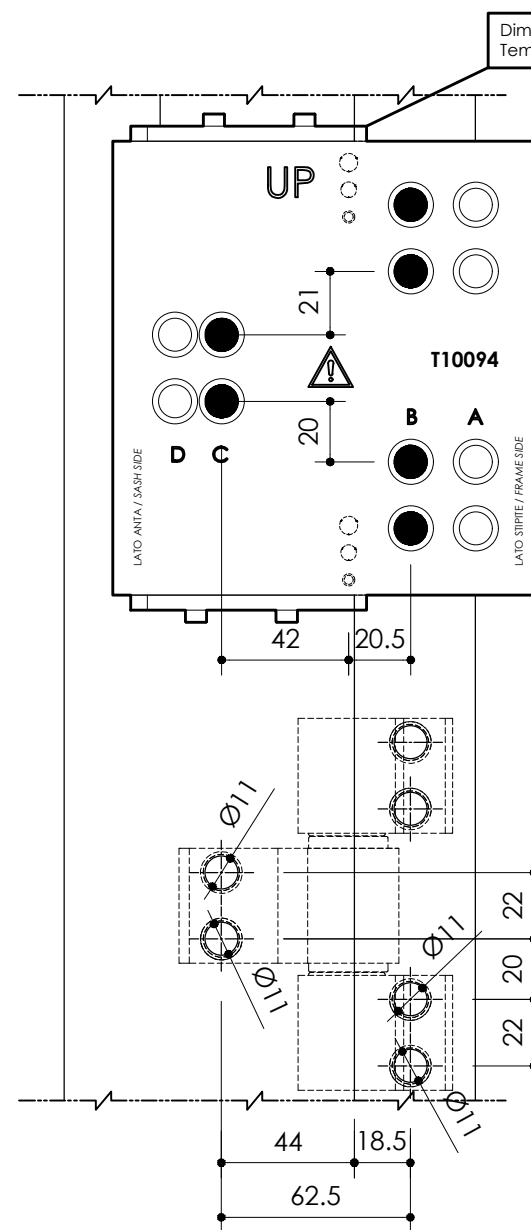
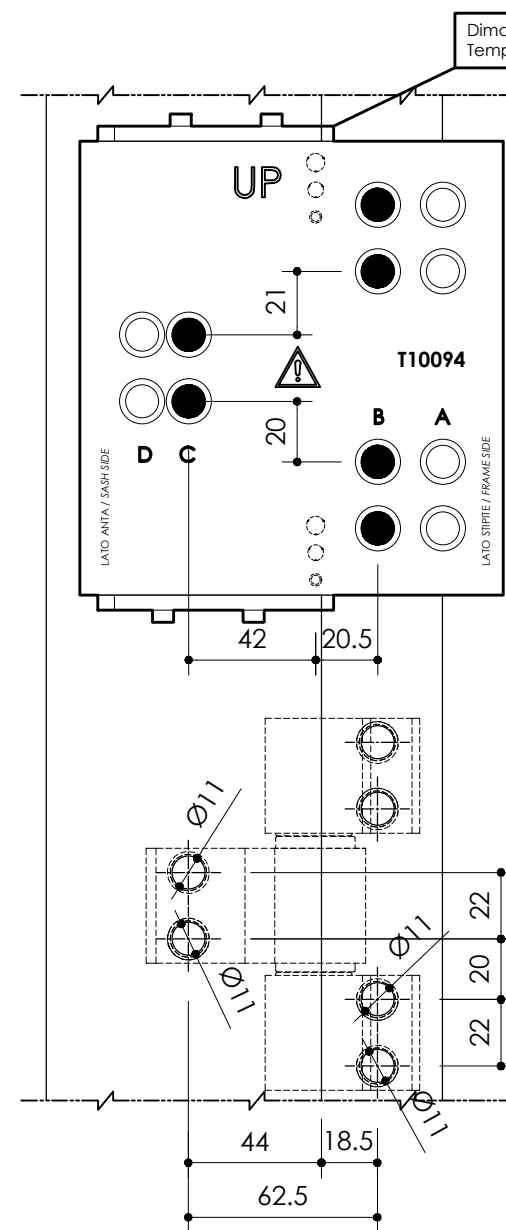
Pz	art.	Descrizione / Description
1	H43304(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
1	H43909	SPESSORE 10 mm / 10 mm SPACER
1	H43605	KIT DI FISSAGGIO / FIXING KIT

Pz	art.	Descrizione / Description
1	H43304(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
1	H43605	KIT DI FISSAGGIO / FIXING KIT



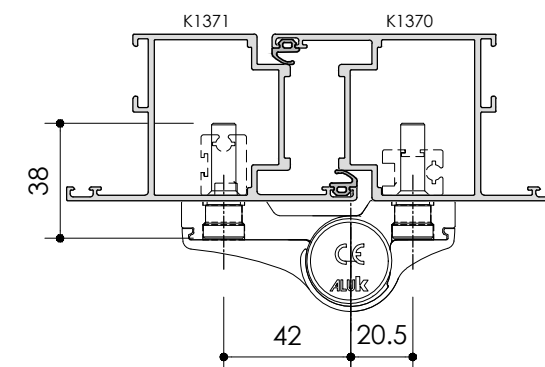
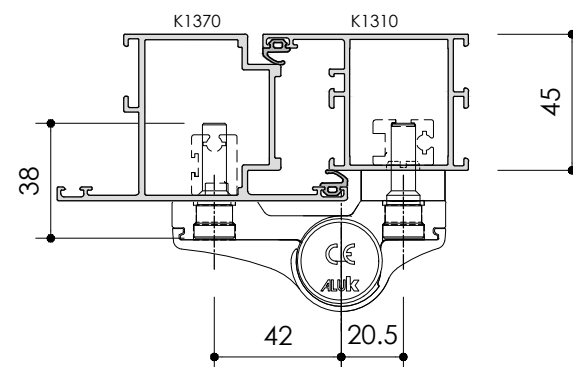
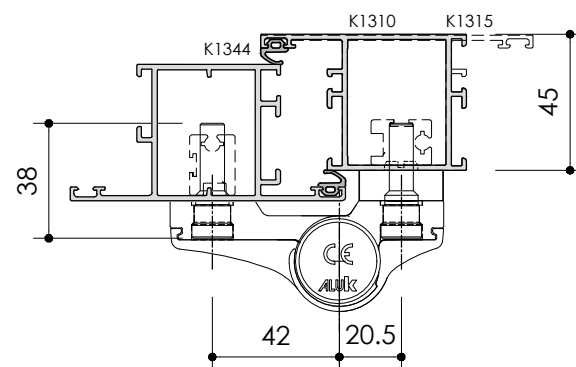
➤ MONTAGGIO CERNIERE TRE ALI, APERTURA ESTERNA
THREE WINGS HINGE ASSEMBLING DIAGRAM, OUTWARD OPENING

45N	55N
●	

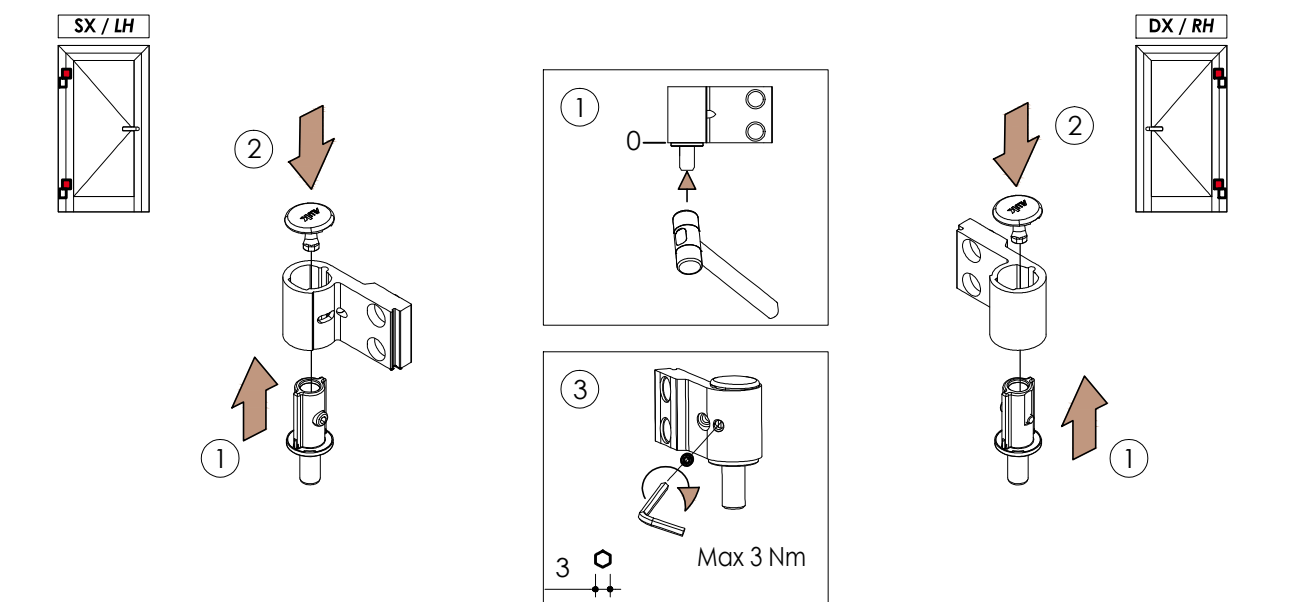


Pz	art.	Descrizione / Description
1	H43305(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
2	H43909	SPESSORE 10 mm / 10 mm SPACER
1	H43606	KIT DI FISSAGGIO / FIXING KIT

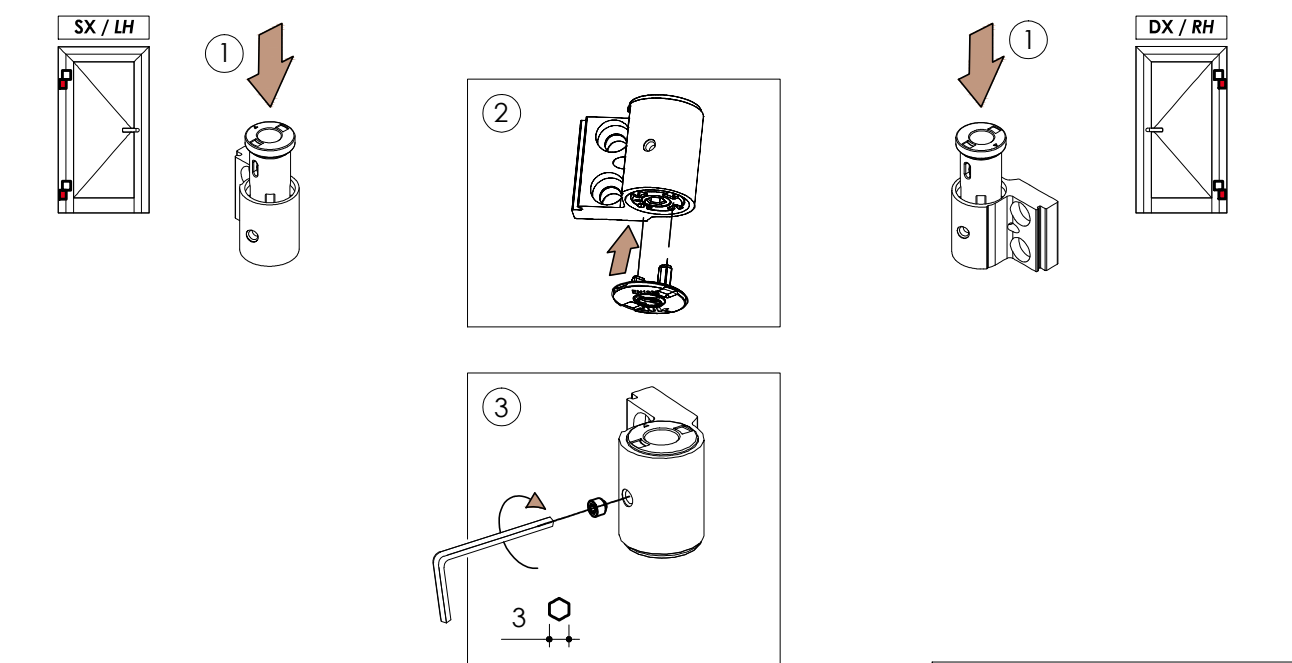
Pz	art.	Descrizione / Description
1	H43305(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
1	H43606	KIT DI FISSAGGIO / FIXING KIT



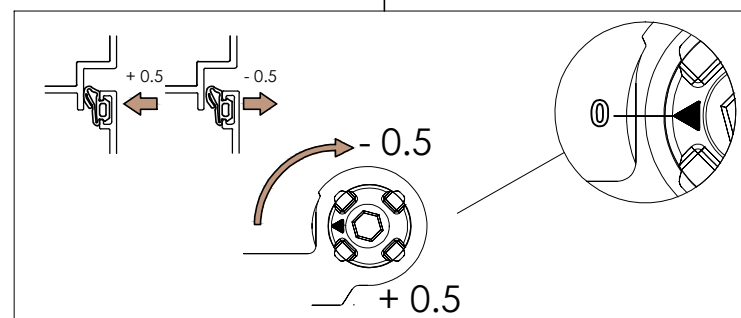
SCHEMA DI ASSEMBLAGGIO CERNIERE A 2 ALI **TWO WINGS HINGES ASSEMBLING DIAGRAM**



- 1 Inserire il perno nella boccia
Inserting the pivot in to the bush
- 2 Inserire la boccia e il tappo nella semi-cerniera superiore
Inserting the bush and the cup in to the upper hinge
- 3 Inserire il grano di fissaggio, con chiave esagonale 3 mm
Inserting the screw to fix, use Allen key 3 mm

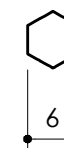
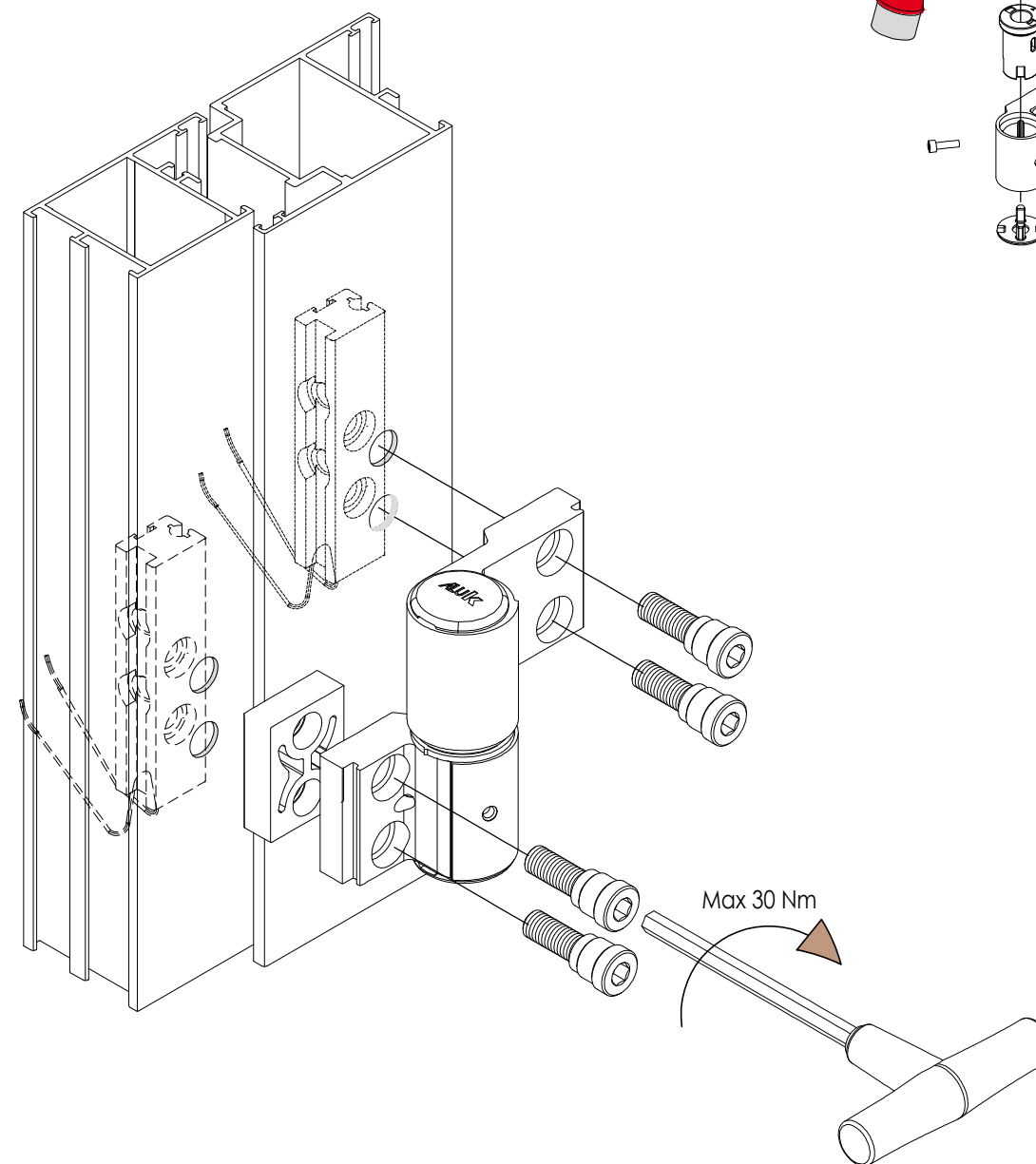
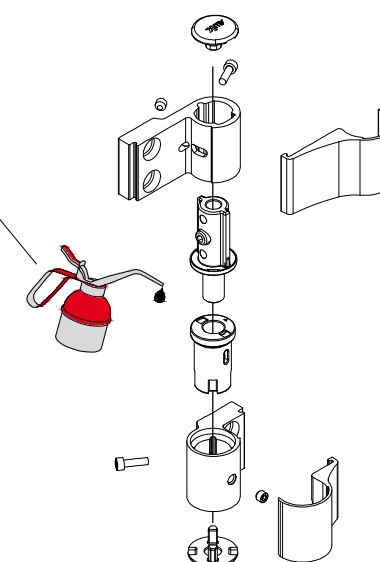


- 1 Inserire il perno nella boccia
Inserting the pivot in to the bush
- 2 Inserire la boccia e il tappo nella semi-cerniera inferiore
Inserting the bush and the cup in to the lower hinge
- 3 Inserire il grano di fissaggio, con chiave esagonale 3 mm
Inserting the screw to fix, use Allen key 3 mm



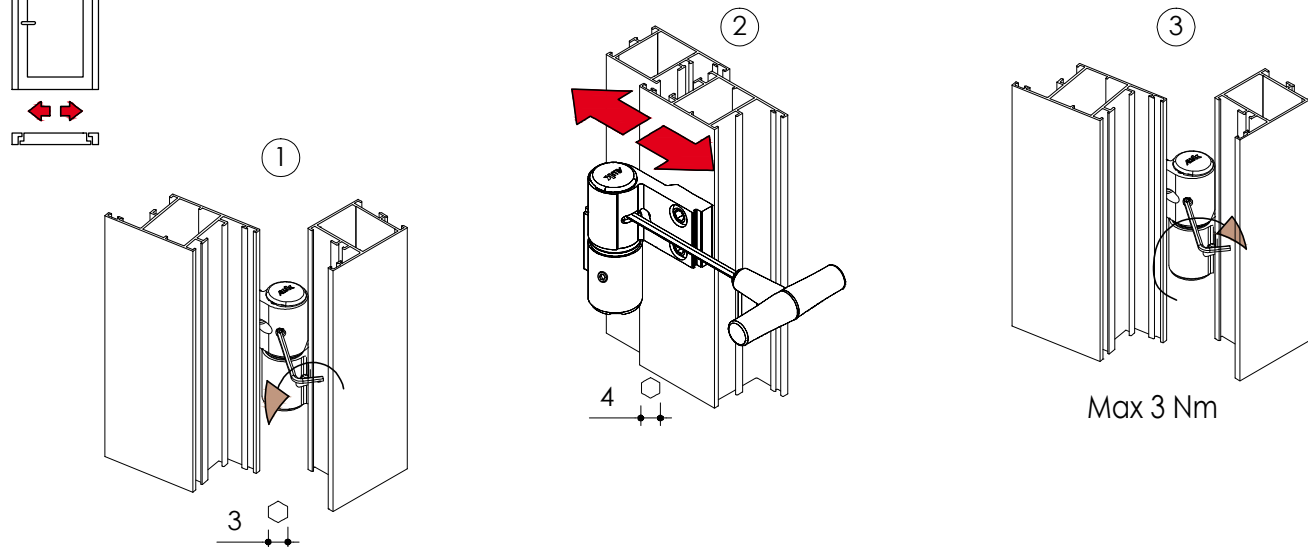
LUBRIFICARE IL PERNO CON
 SPRAY SILICONICO PRIMA DI
 ASSEMBLARE LA CERNIERA

 LUBRICATE THE PIN WITH
 SILICON SPRAY BEFORE HINGE
 ASSEMBLING



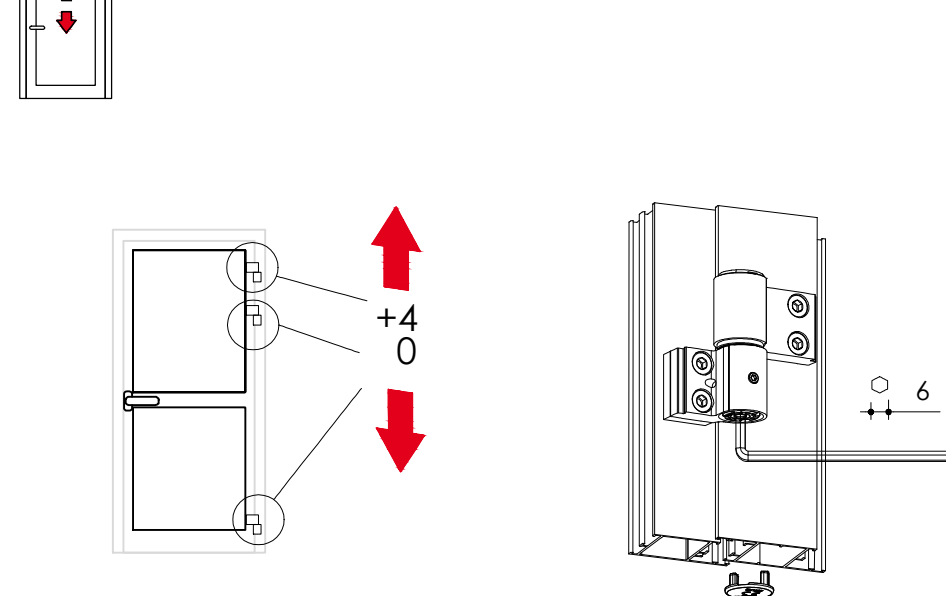
SCHEMA DI REGOLAZIONE CERNIERE 2 ALI DOUBLE WING HINGES SETTING DIAGRAM

REGOLAZIONE ORIZZONTALE HORIZONTAL ADJUSTMENTS



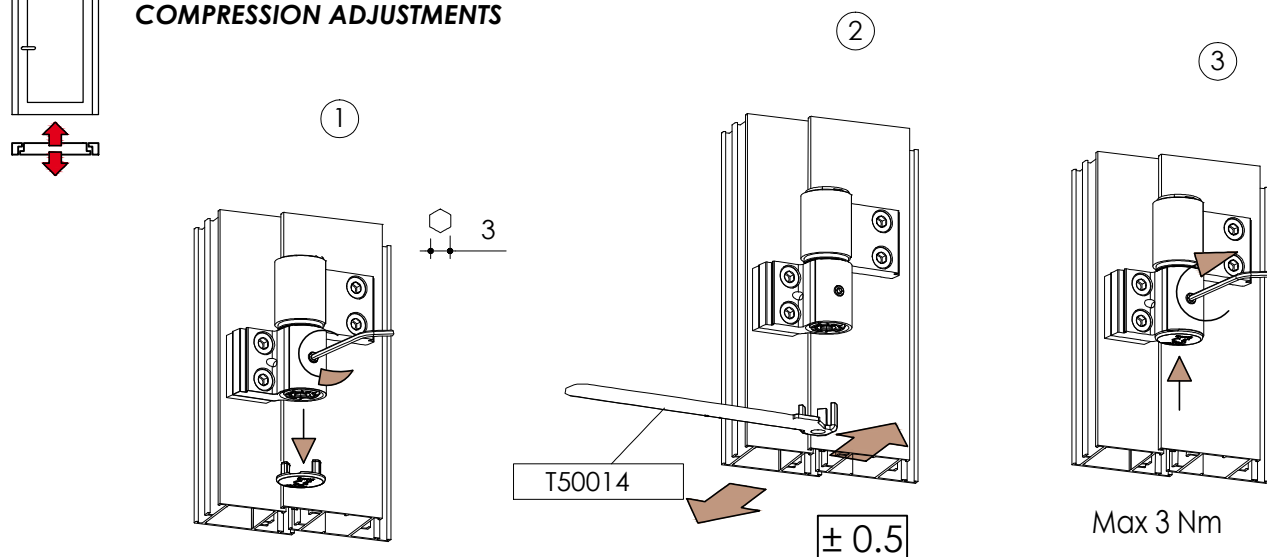
- ① Sbloccare la vite di fermo, con chiave esagonale 3 mm
Unlock the latch, use Allen key 3 mm
- ② Effettuare la regolazione orizzontale (± 0.5 mm), con chiave da 4 mm
Adjust (± 0.5 mm), use Allen key 4 mm
- ③ Bloccare il fermo, con chiave esagonale 3 mm
Lock the latch, use Allen key 3mm

REGOLAZIONE VERTICALE VERTICAL ADJUSTMENTS



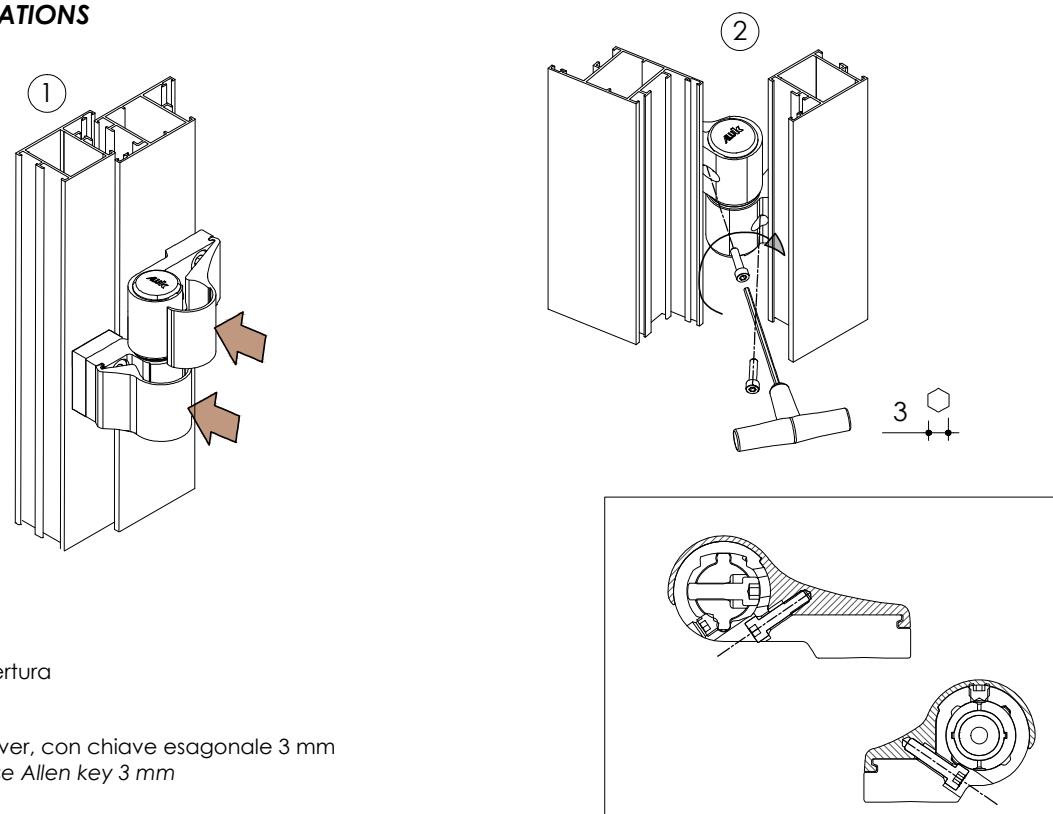
- ① Rimuovere il tappo
Remove the plug
- ② Effettuare la regolazione (+ 4 mm/ 0), con chiave da 6 mm
Adjust (+ 4 mm/ 0), use hex key 6mm

REGOLAZIONE DI BATTUTA COMPRESSION ADJUSTMENTS



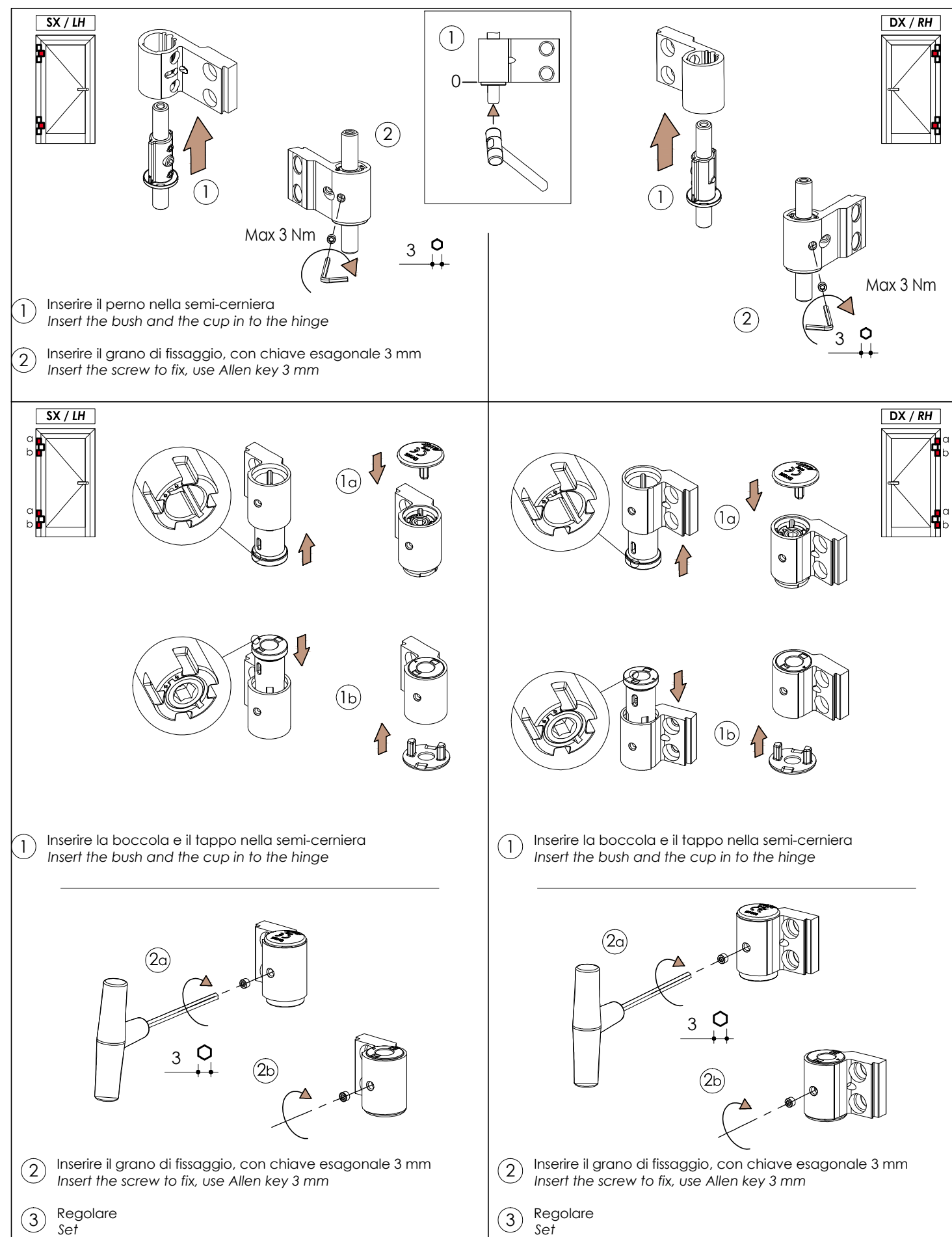
- ① Sbloccare la vite di fermo, con chiave esagonale 3 mm , e togliere il tappo
Unlock the latch, use hex key 3 mm, and remove the plug
- ② Effettuare la regolazione (± 0.5 mm), con chiave speciale T50014
Use T50014 to adjustment (± 0.5 mm)
- ③ Inserire il tappo e bloccare il fermo, con chiave esagonale 3 mm
Insert the plug and lock the latch, use Allen key 3mm

OPERAZIONI FINALI FINAL OPERATIONS



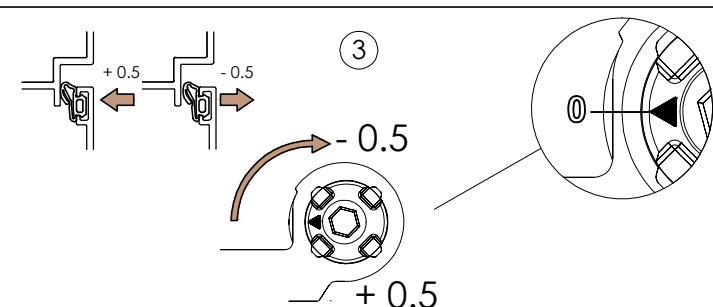
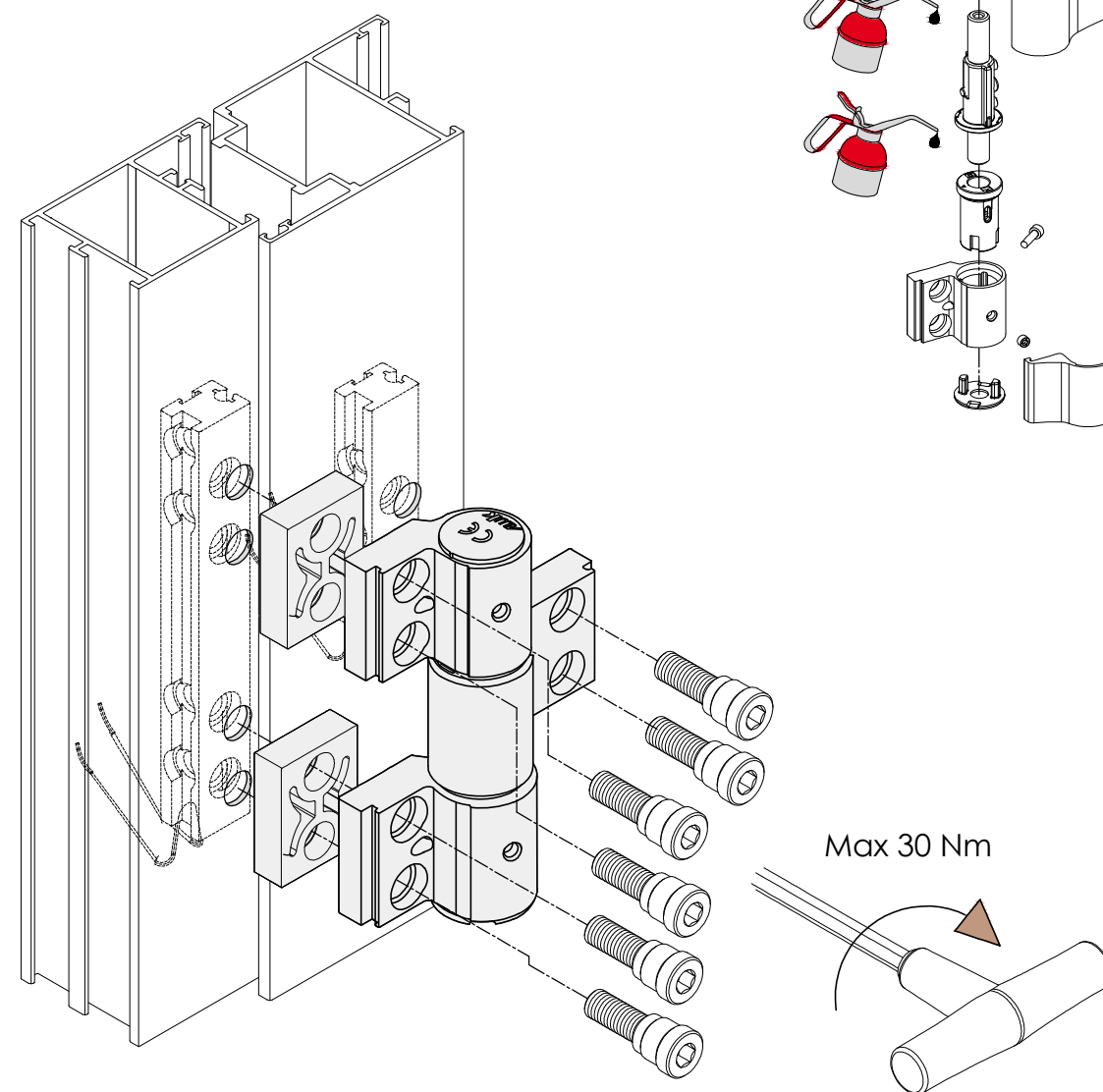
- ① Inserire la copertura
Insert cover
- ② Bloccare la cover, con chiave esagonale 3 mm
Block cover, use Allen key 3 mm

➤ SCHEMA DI ASSEMBLAGGIO E MONTAGGIO CERNIERE A 3 ALI THREE WINGS HINGES ASSEMBLING DIAGRAM



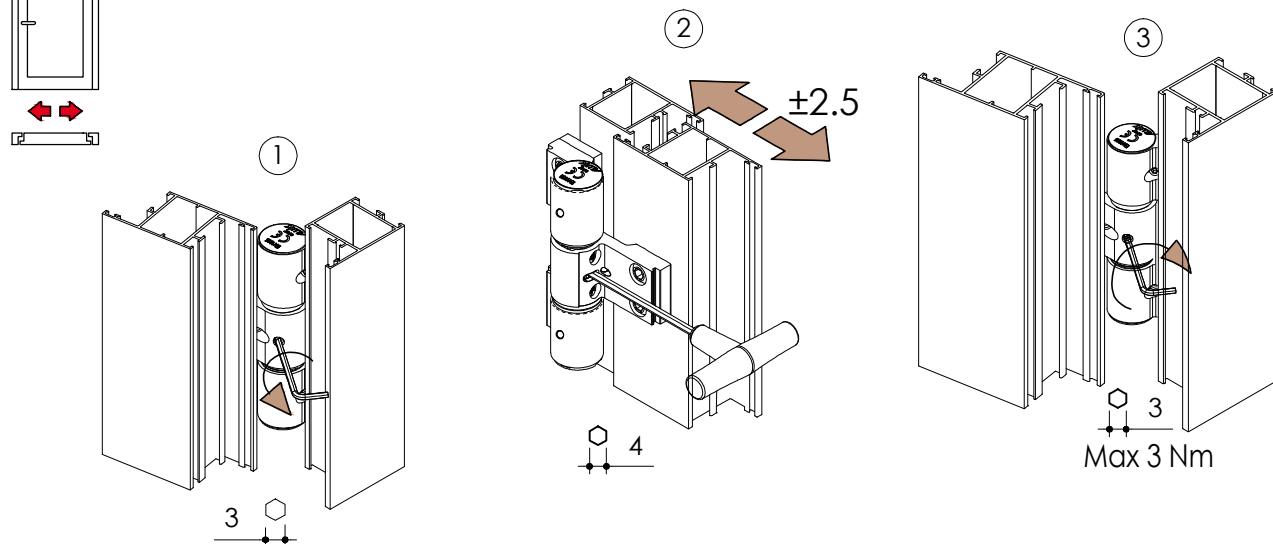
LUBRIFICARE IL PERNO CON
SPRAY SILICONICO PRIMA DI
ASSEMBLARE LA CERNIERA

LUBRICATE THE PIN WITH
SILICON SPRAY BEFORE HINGE
ASSEMBLING



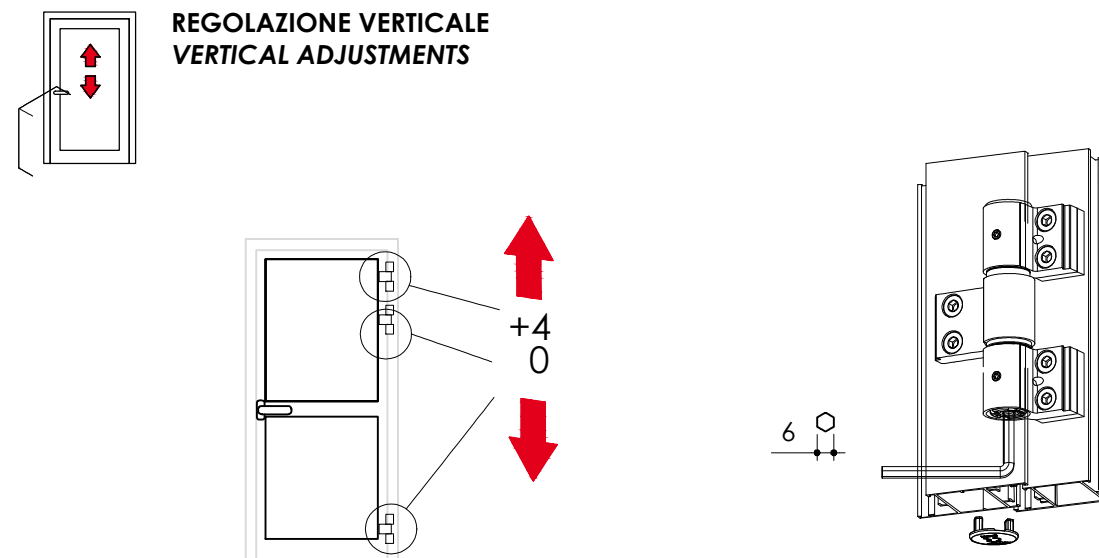
SCHEMA DI REGOLAZIONE CERNIERE 3 ALI THREE WINGS HINGES SETTING DIAGRAM

REGOLAZIONE ORIZZONTALE HORIZONTAL ADJUSTMENTS



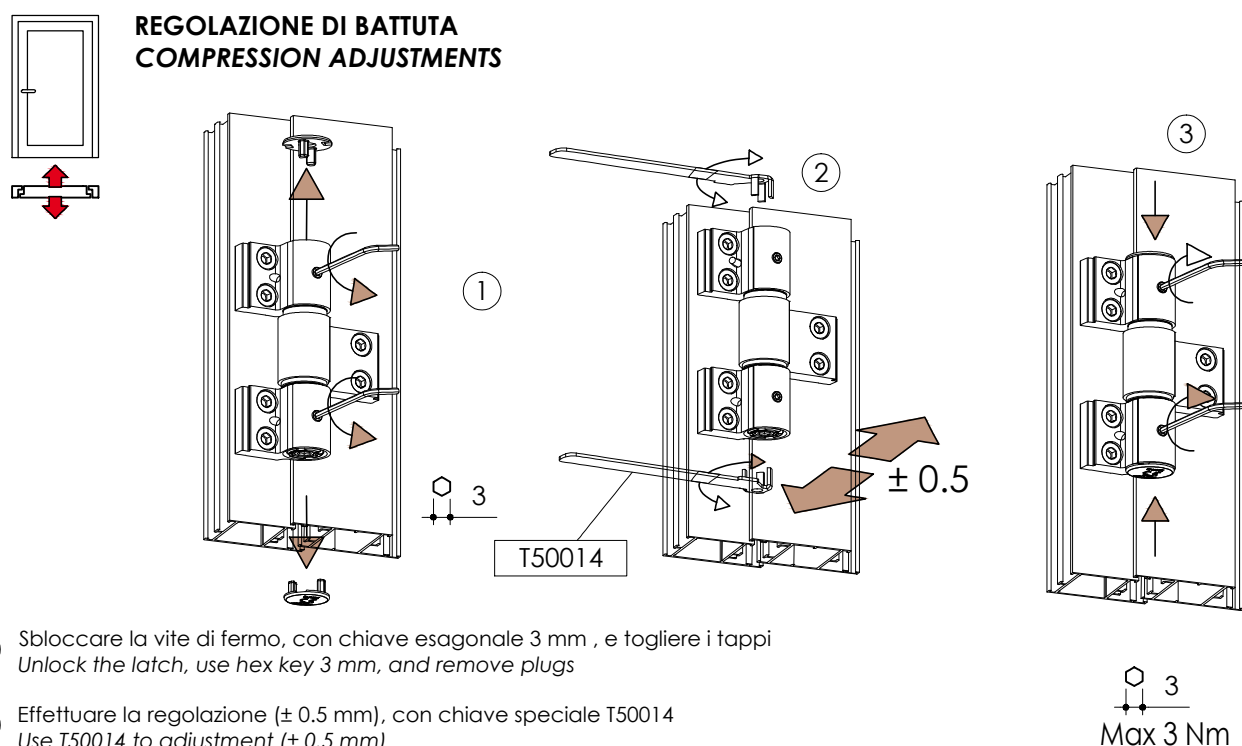
- ① Sbloccare la vite di fermo, con chiave esagonale 3 mm
Unlock the latch, use Allen key 3 mm
- ② Effettuare la regolazione orizzontale (± 2.5 mm), con chiave da 4 mm
Adjust (± 2.5 mm), use Allen key 4 mm
- ③ Bloccare il fermo, con chiave esagonale 3 mm
Lock the latch, use Allen key 3mm

REGOLAZIONE VERTICALE VERTICAL ADJUSTMENTS



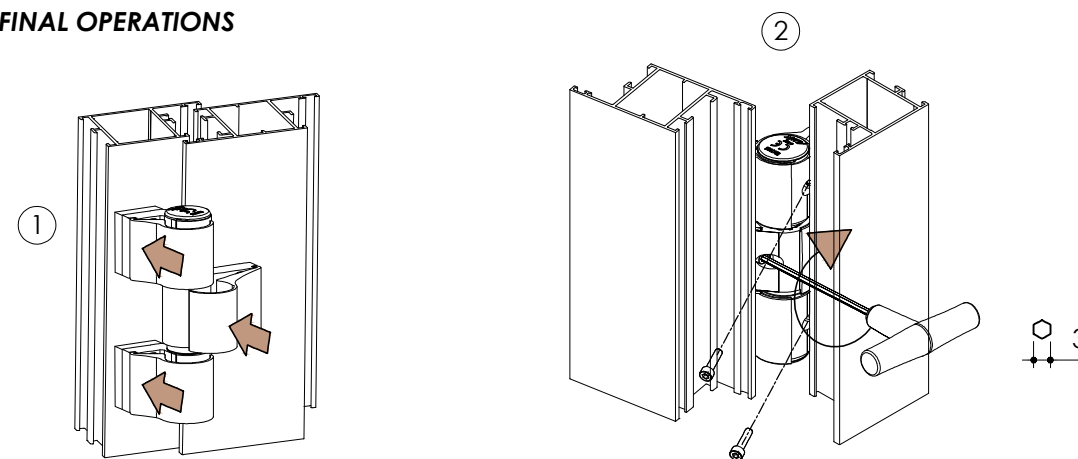
- ① Rimuovere il tappo
Remove the plug
- ② Effettuare la regolazione (+ 4 mm/ 0), con chiave da 6 mm
Adjust (+ 4 mm/ 0), use hex key 6mm

REGOLAZIONE DI BATTUTA COMPRESSION ADJUSTMENTS

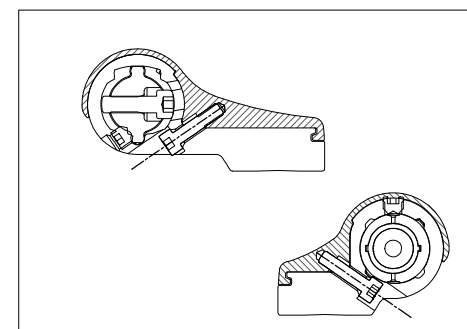


- ① Sbloccare la vite di fermo, con chiave esagonale 3 mm , e togliere i tappi
Unlock the latch, use hex key 3 mm, and remove plugs
- ② Effettuare la regolazione (± 0.5 mm), con chiave speciale T50014
Use T50014 to adjustment (± 0.5 mm)
- ③ Inserire i tappi e bloccare il fermo, con chiave esagonale 3 mm
Insert plugs and lock the latch, use Allen key 3mm

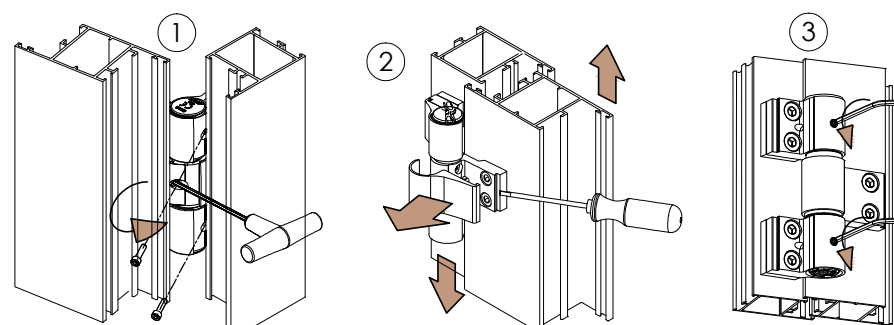
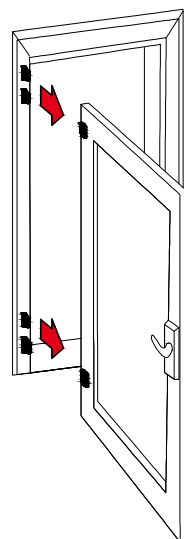
OPERAZIONI FINALI FINAL OPERATIONS



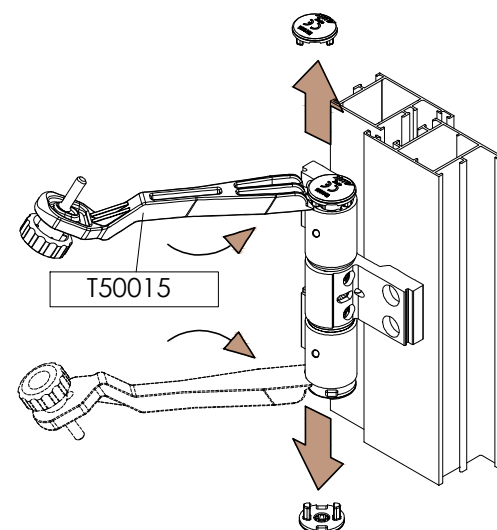
- ① Inserire le coperture
Insert covers
- ② Bloccare le cover, con chiave esagonale 3 mm
Block covers, use Allen key 3 mm



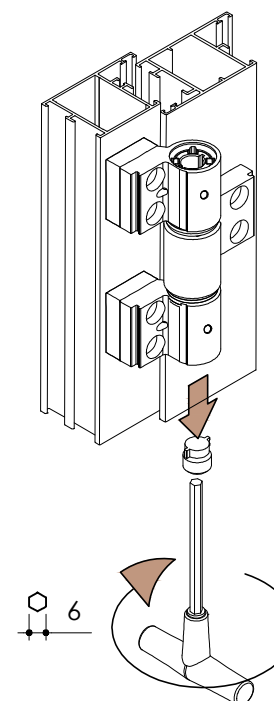
➤ SCHEMA DI SMONTAGGIO CERNIERE 3 ALI THREE WING HINGES DISASSEMBLING DIAGRAM



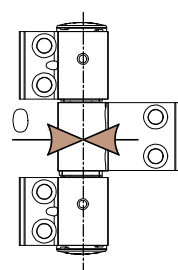
- ① Sbloccare le viti che fissano le cover, con chiave esagonale 3 mm
Unlock the covers fixing screws, use Allen key 3 mm
- ② Rimuovere le cover
Remove covers
- ③ Rimuovere il grano di fissaggio boccola, con chiave esagonale 3 mm
Remove the set screw, use Allen key 3mm



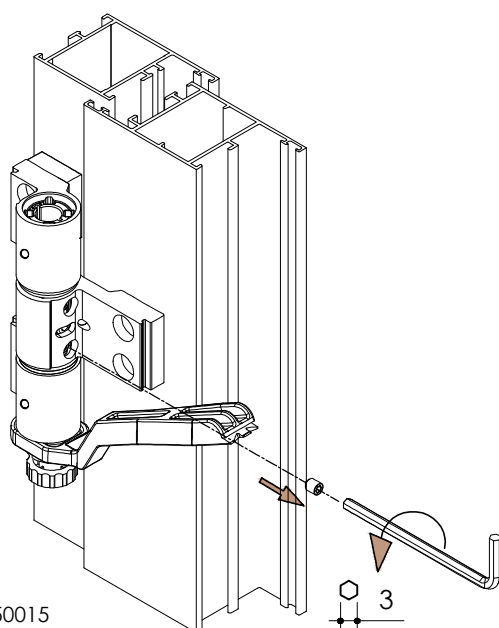
- Rimuovere i tappi, con attrezzo speciale T50015
Remove the plugs, use T50015 tool



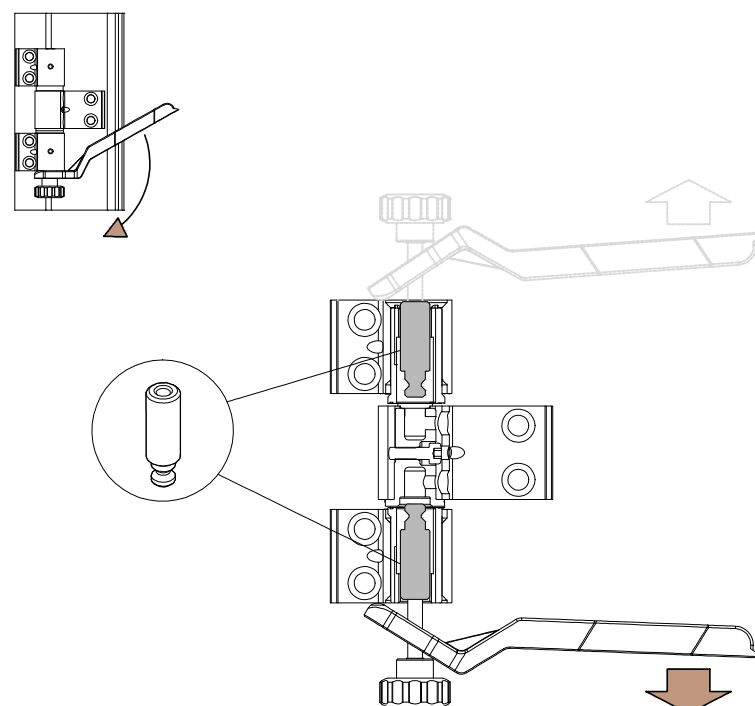
- Svitare la vite di regolazione verticale
Unscrew the vertical adjusting screw



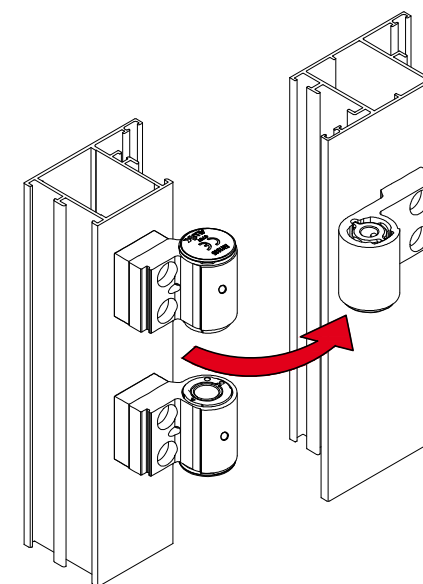
⚠ La cerniera dev'essere regolata a 0
The hinge has to be in "0" position



- Avvitare estrattore perno art. T50015
Tighten art. T50015
- Rimuovere il grano di fissaggio perno
Remove the pin fixing screw
- Ripetere l'operazione con la semicerniera superiore
Repeat the operation with the upper half hinge

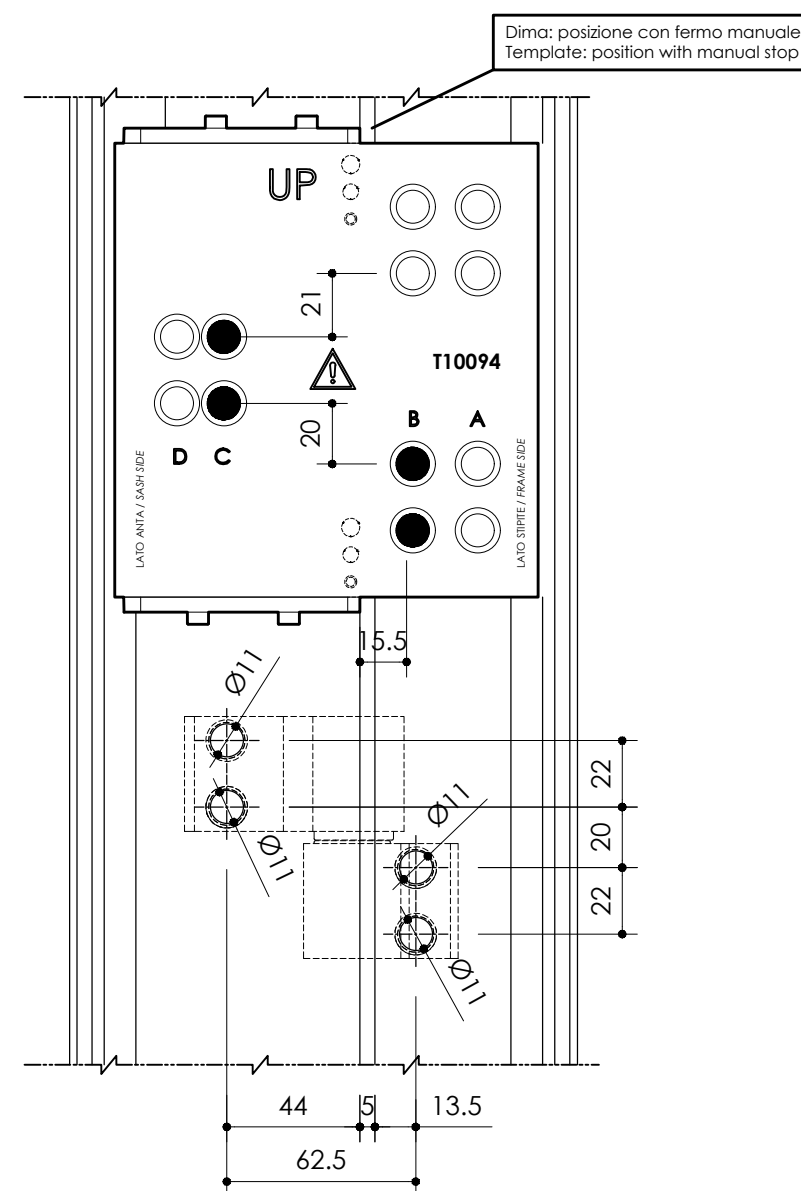
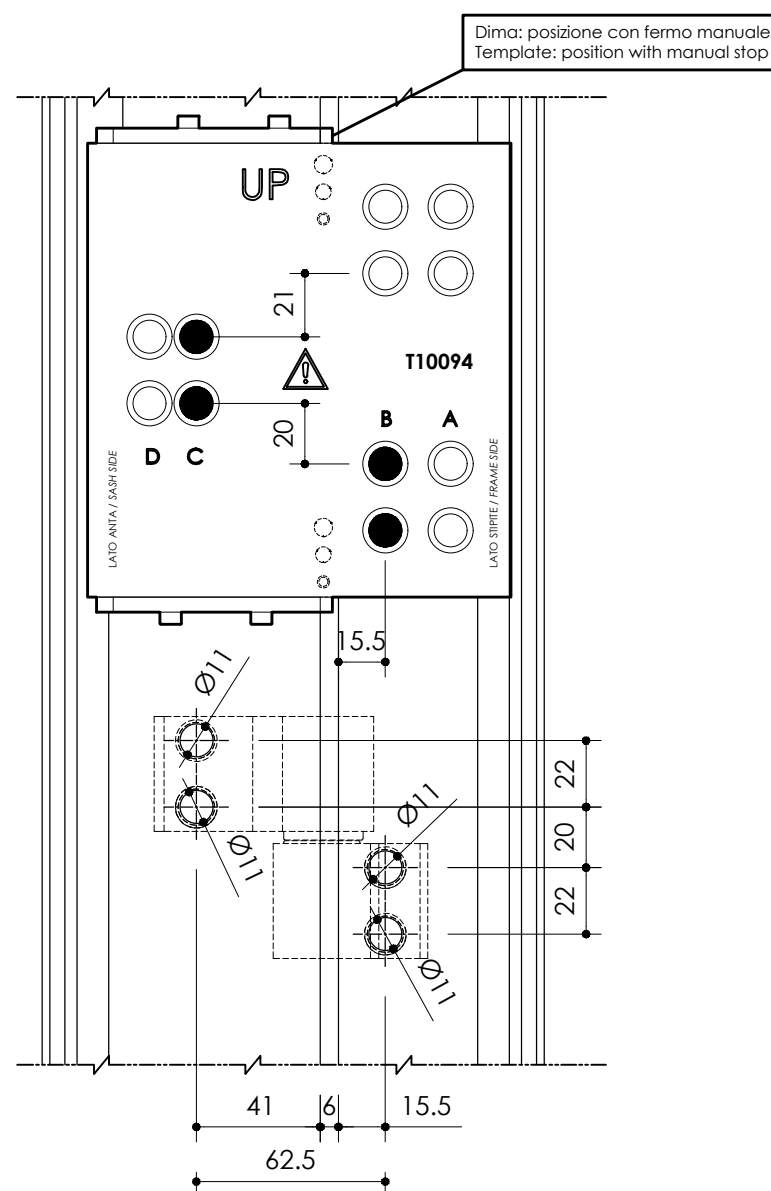
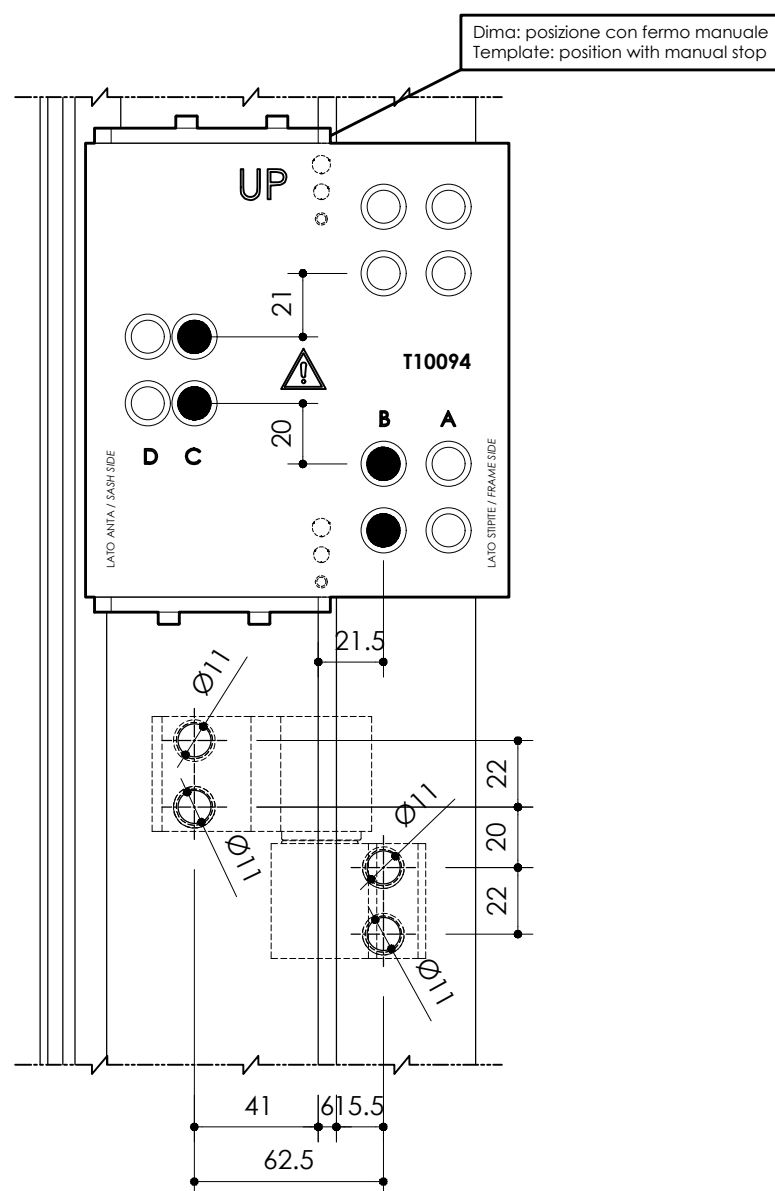


- Sfilare il perno
Remove the pin
- Ripetere l'operazione con la semicerniera superiore
Repeat the operation with the upper half hinge

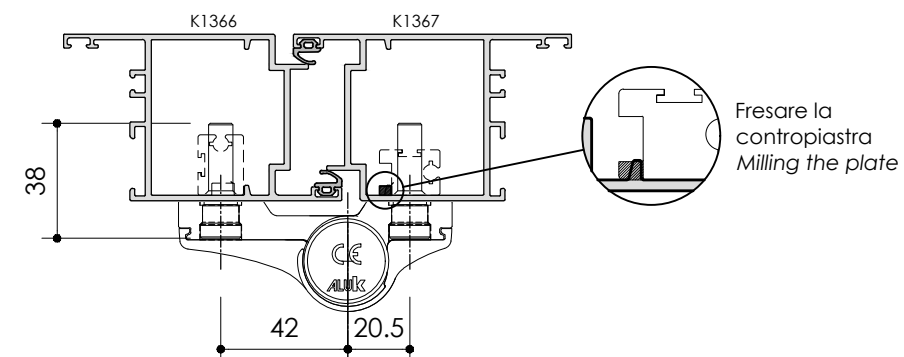
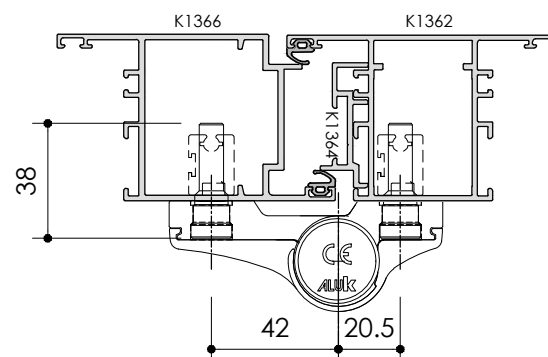
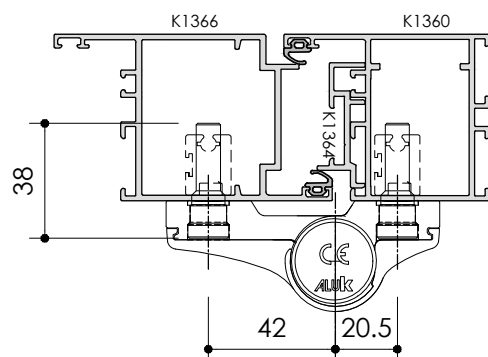


➤ MONTAGGIO CERNIERE DUE ALI, APERTURA INTERNA
TWO WINGS HINGE ASSEMBLING DIAGRAM, INWARD OPENING

45N	55N
	●

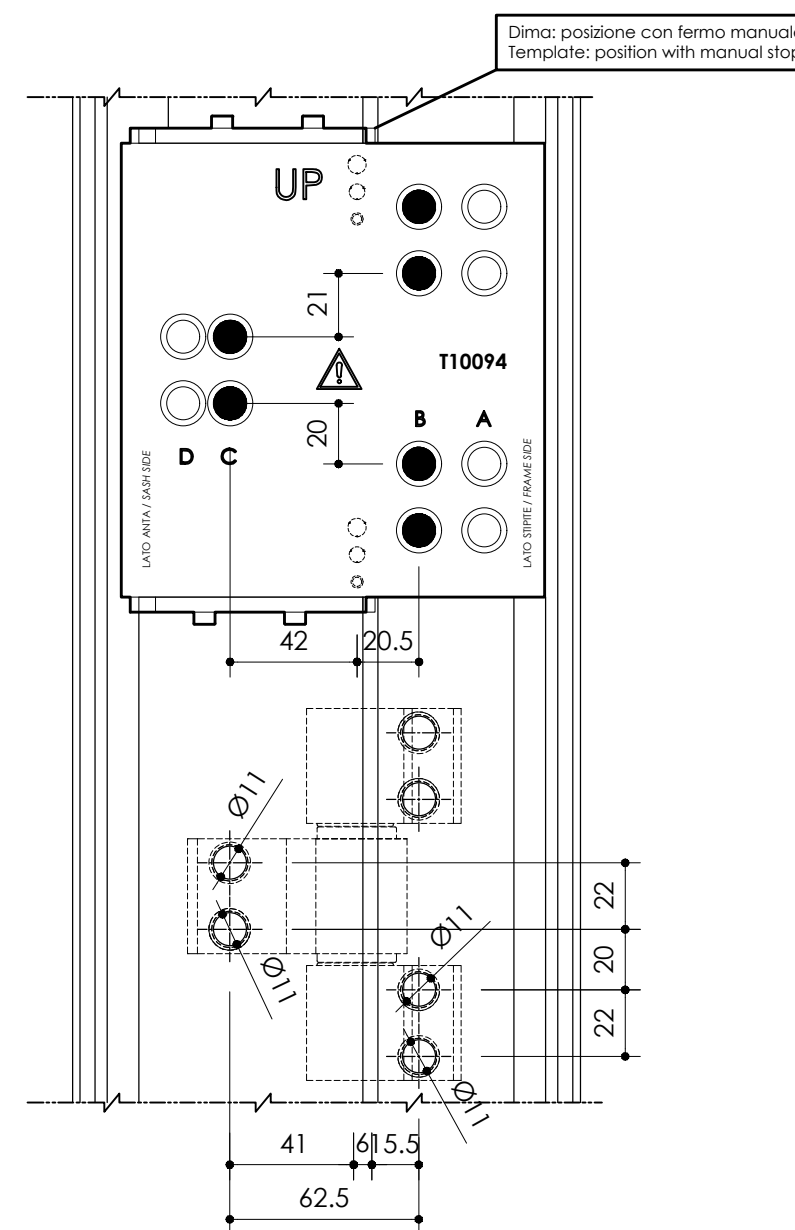
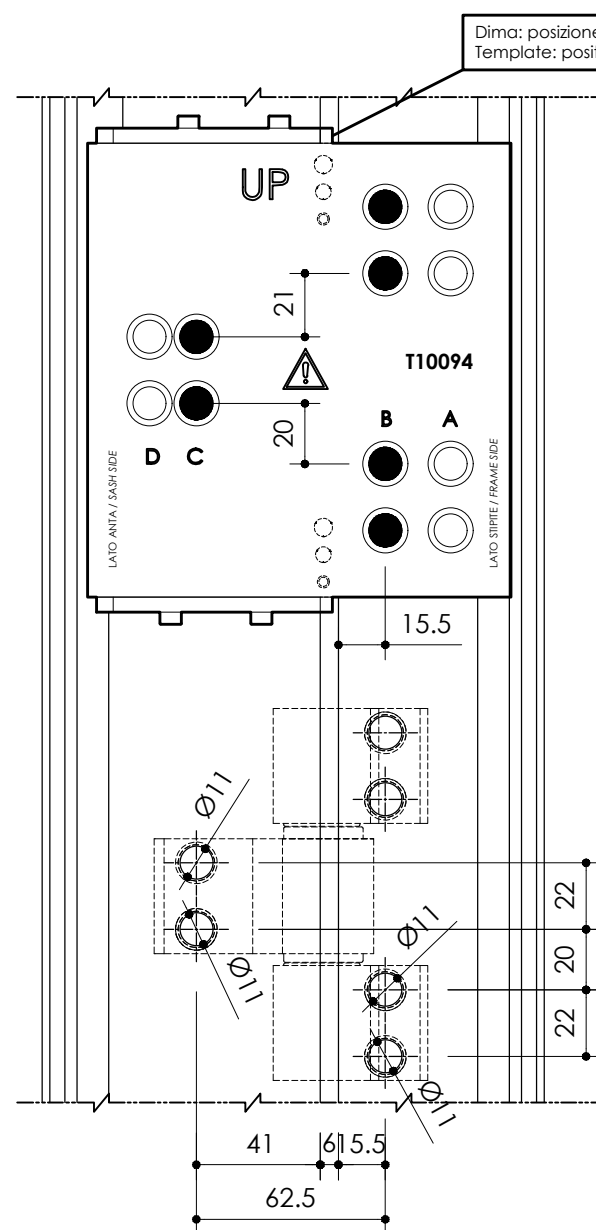
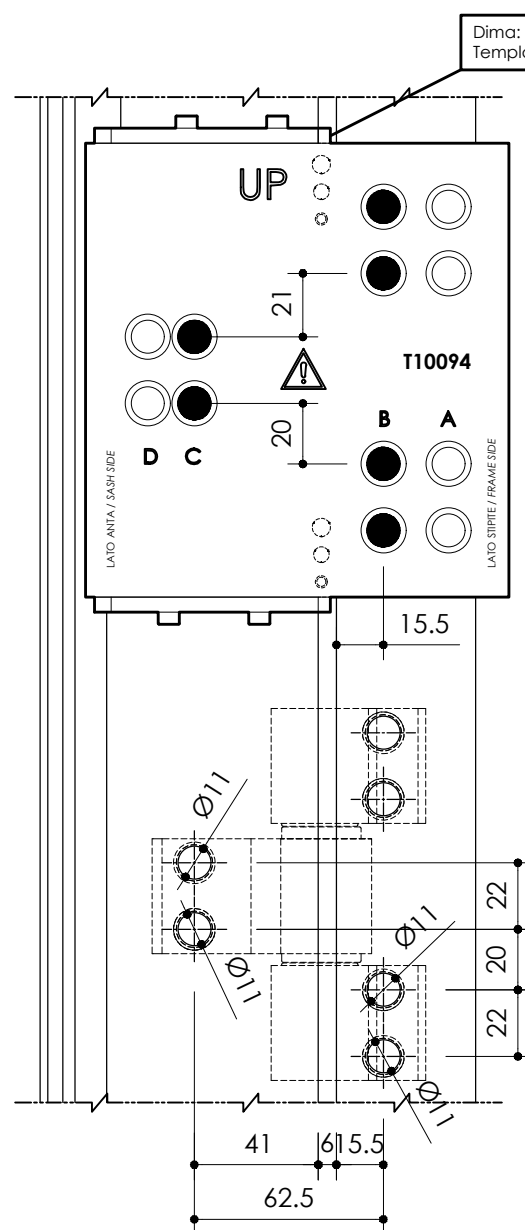


Pz	art.	Descrizione / Description
1	H43304(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
1	H43605	KIT DI FISSAGGIO / FIXING KIT

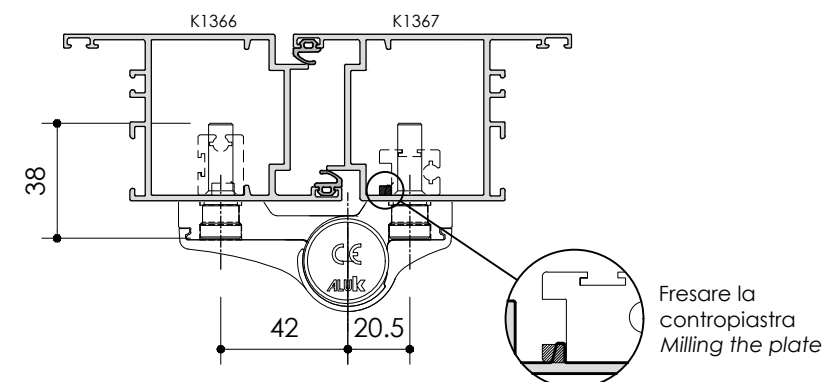
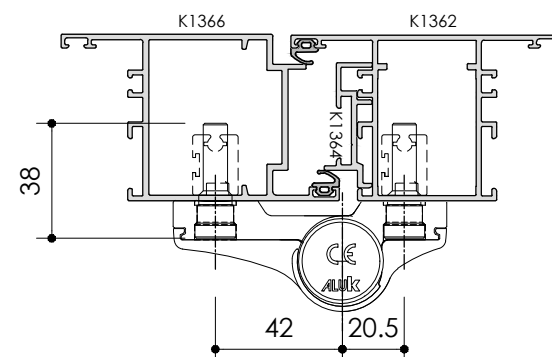
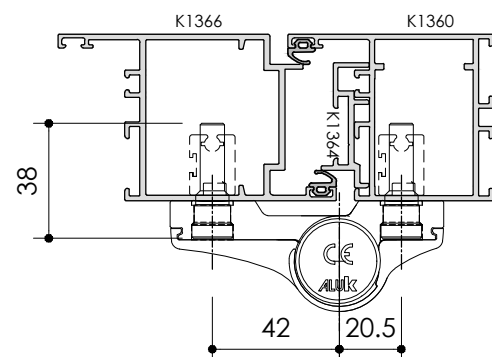


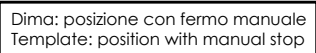
➤ MONTAGGIO CERNIERE TRE ALI, APERTURA INTERNA
THREE WINGS HINGE ASSEMBLING DIAGRAM, INWARD OPENING

45N	55N
	●

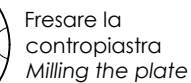


Pz	art.	Descrizione / Description
1	H43305(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
1	H43606	KIT DI FISSAGGIO / FIXING KIT



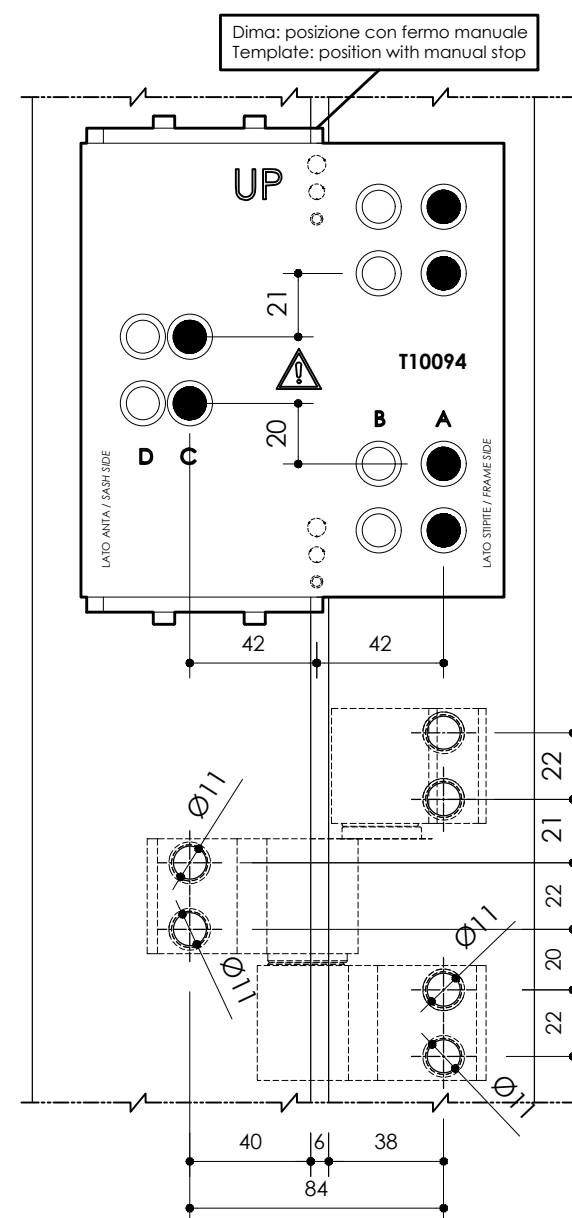
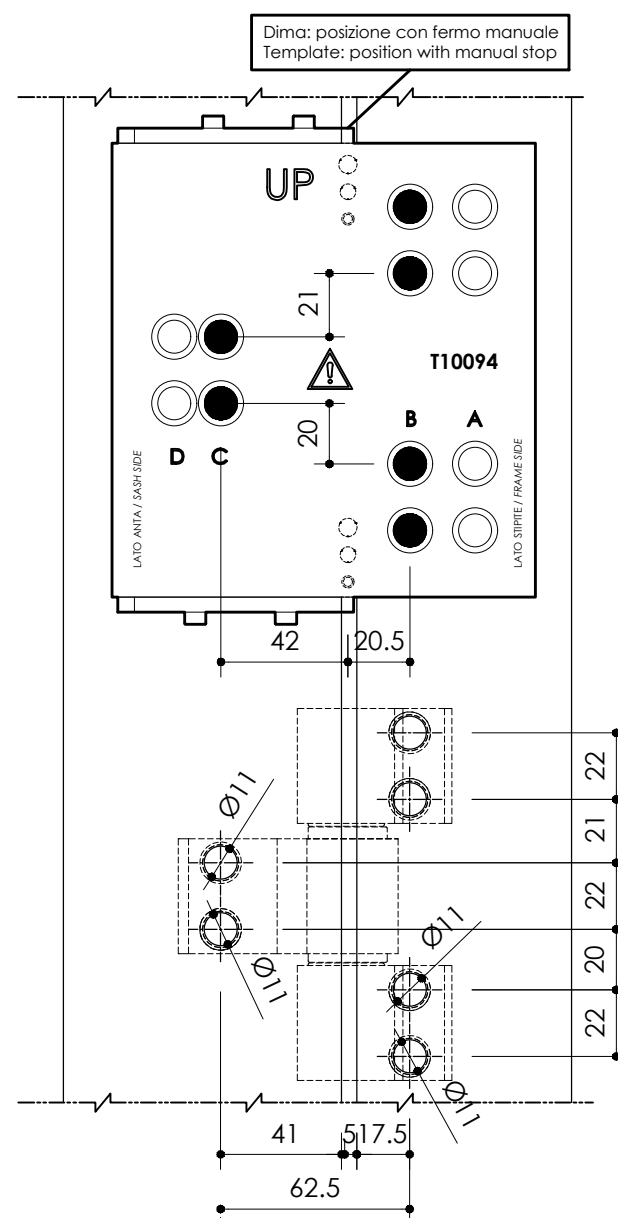
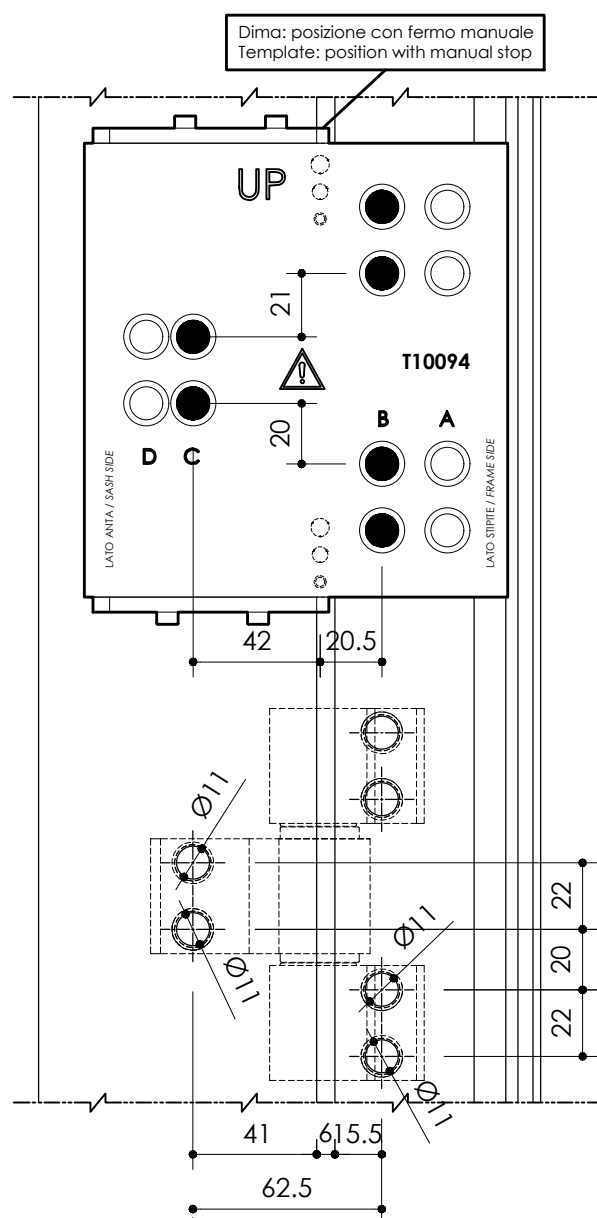
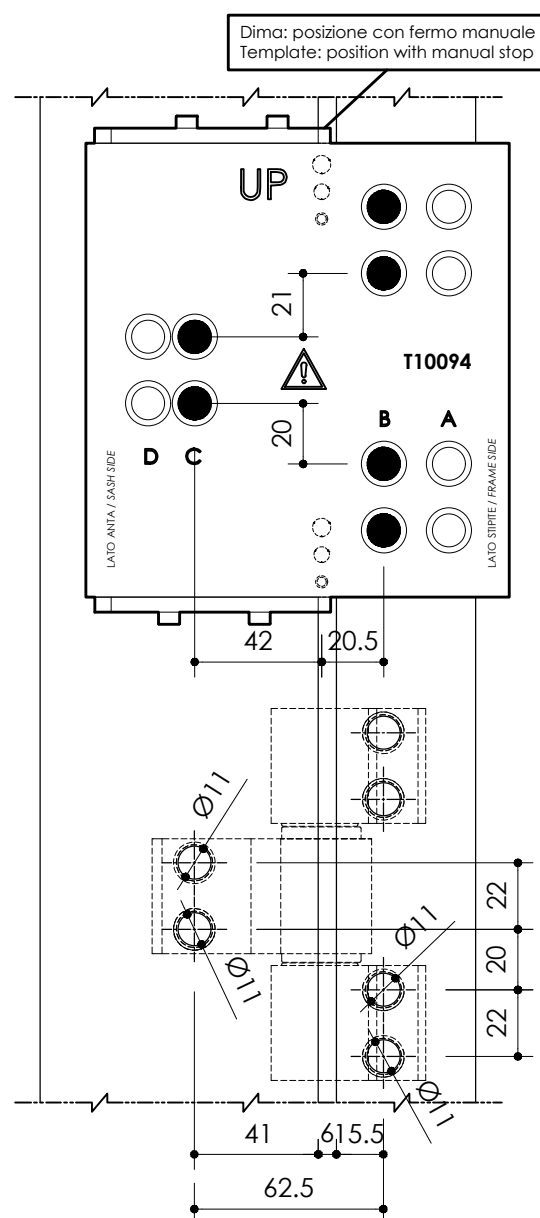


Dima: posizione con fermo manuale
Template: position with manual stop



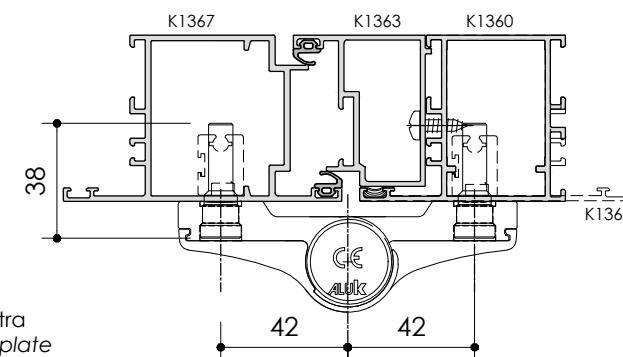
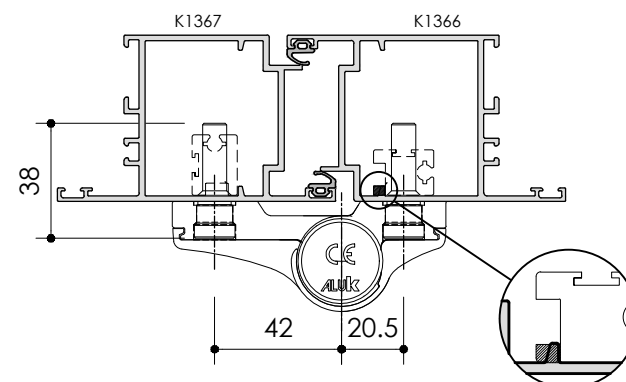
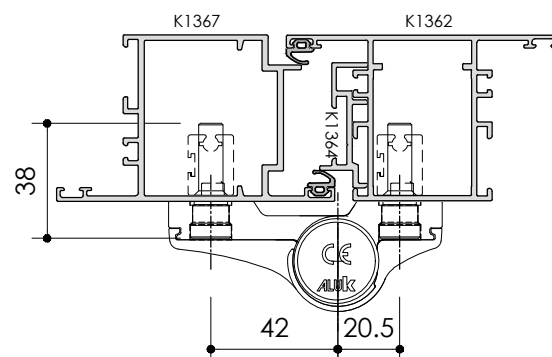
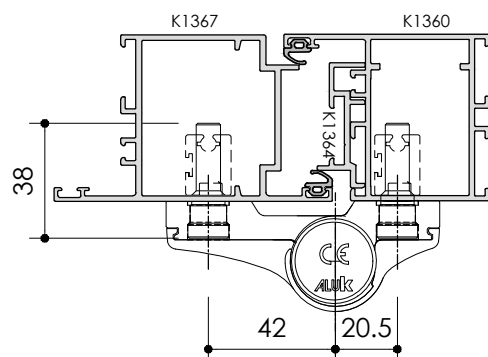
➤ **MONTAGGIO CERNIERE TRE ALI, APERTURA ESTERNA**
THREE WINGS HINGE ASSEMBLING DIAGRAM, OUTWARD OPENING

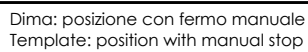
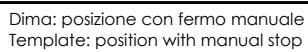
45N	55N
	●



Pz	art.	Descrizione / Description
1	H43305(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
1	H43606	KIT DI FISSAGGIO / FIXING KIT

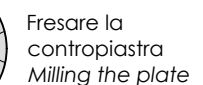
Pz	art.	Descrizione / Description
1	H43311(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
1	H43606	KIT DI FISSAGGIO / FIXING KIT





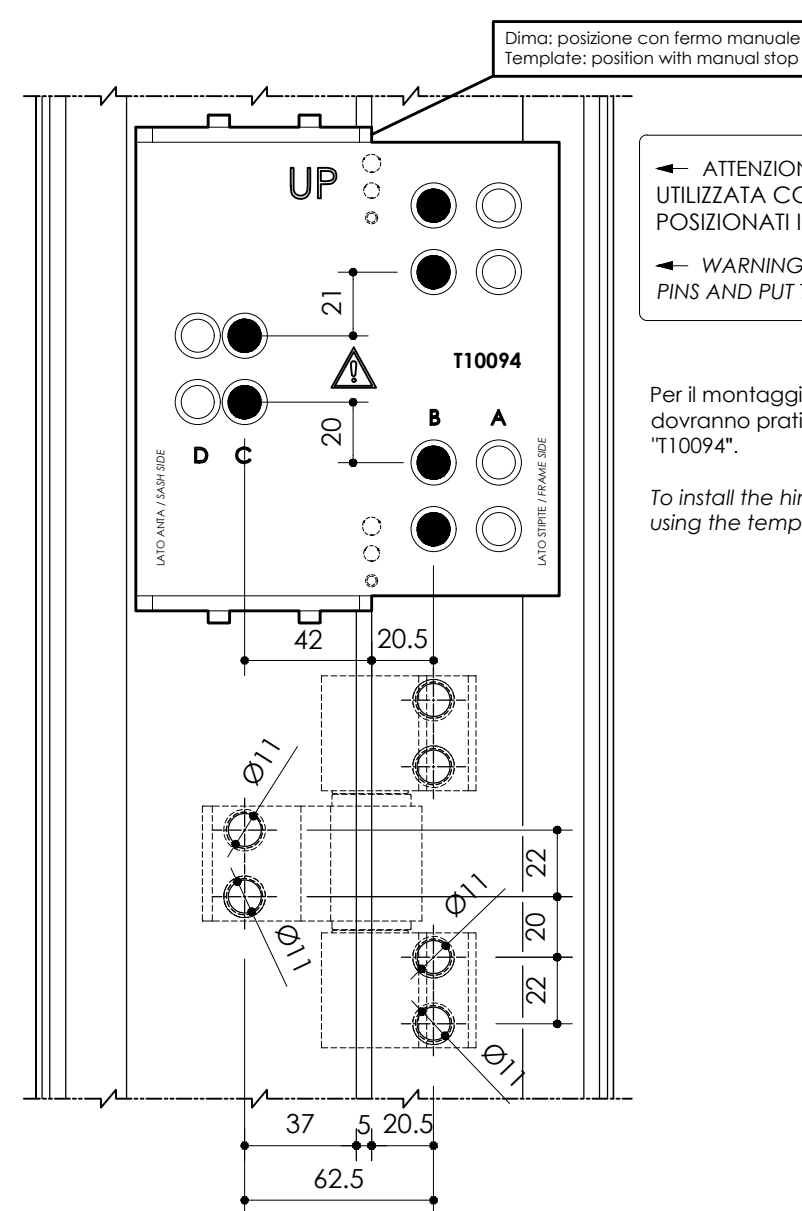
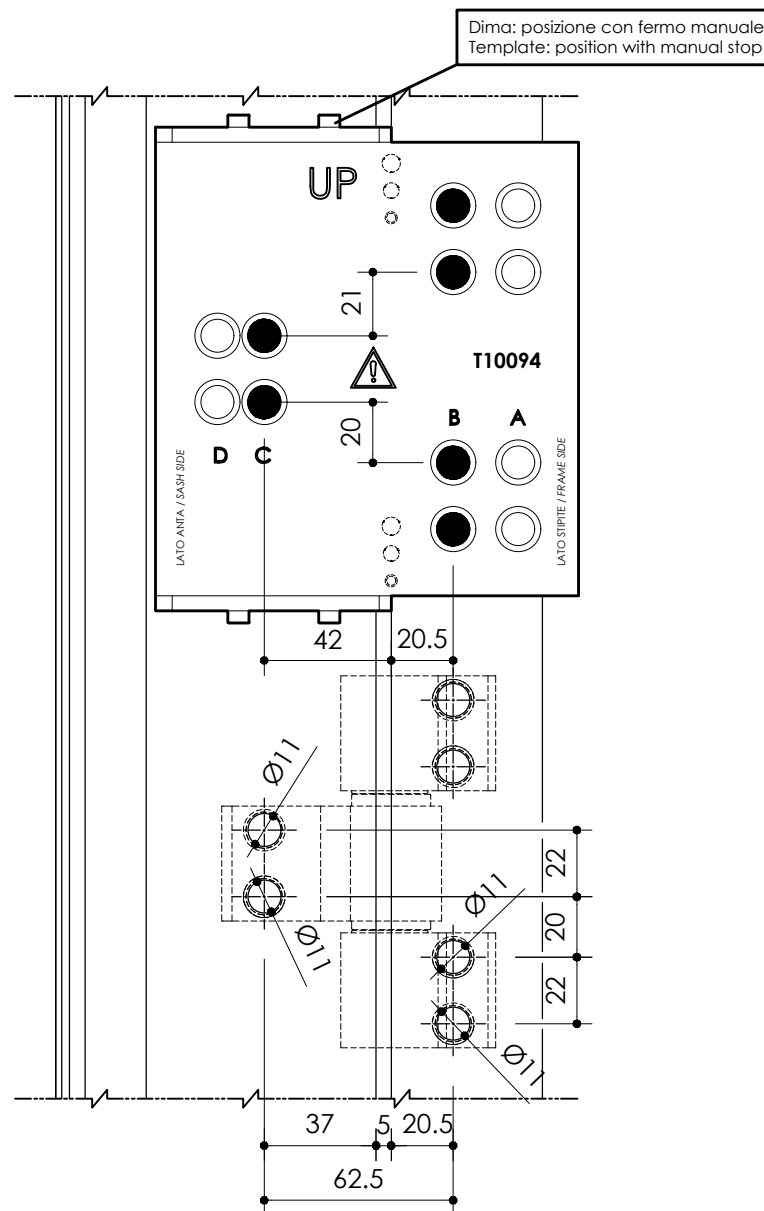
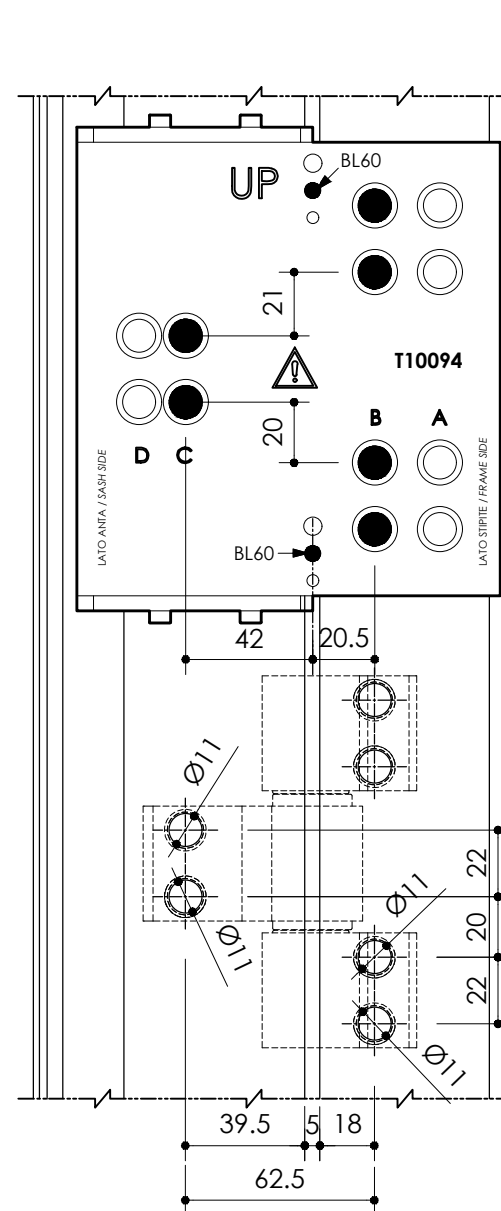
To install the hinges on doors make Ø11mm holes using the template "T10094".

Pz	art.	Descrizione / Description
1	H43304(-..)	CERNIERA DUE ALI / TWO HINGE WINGS
1	H43605	KIT DI FISSAGGIO / FIXING KIT



Posizione piastrine SENZA blindatura / Plate position WITHOUT armoring

▶ MONTAGGIO CERNIERE TRE ALI, APERTURA INTERNA THREE WINGS HINGE ASSEMBLING DIAGRAM, INWARD OPENING

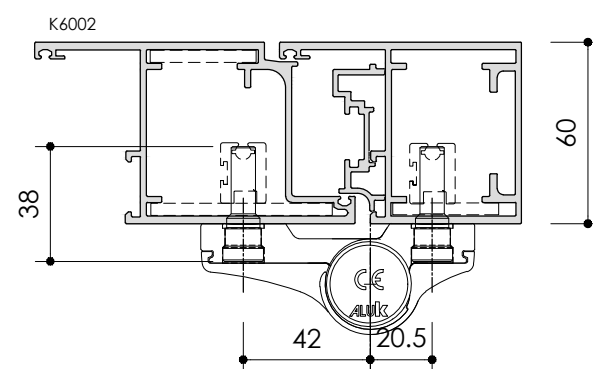
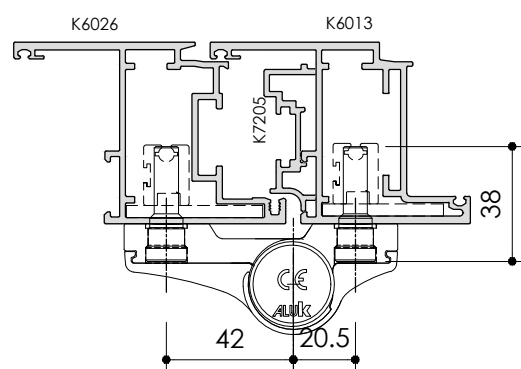


← ATTENZIONE: LA DIMA DOVRÀ ESSERE UTILIZZATA CON PIOLINI DA Ø 5 mm, POSIZIONATI IN BASE ALLE SERIE
 ← WARNING: USE THE TEMPLATE WITH Ø 5mm PINS AND PUT THESE ON CORRECT SERIE POSITION

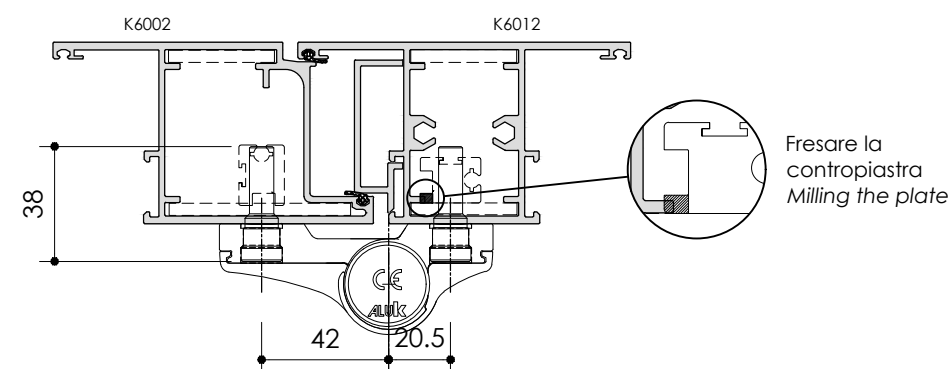
Per il montaggio delle cerniere sulle porte si dovranno praticare fori Ø11mm utilizzando la dima "T10094".

To install the hinges on doors make Ø11mm holes using the template "T10094".

Pz	art.	Descrizione / Description
1	H43305(-..)	CERNIERA TRE ALI / THREE HINGE WINGS
1	H43606	KIT DI FISSAGGIO / FIXING KIT

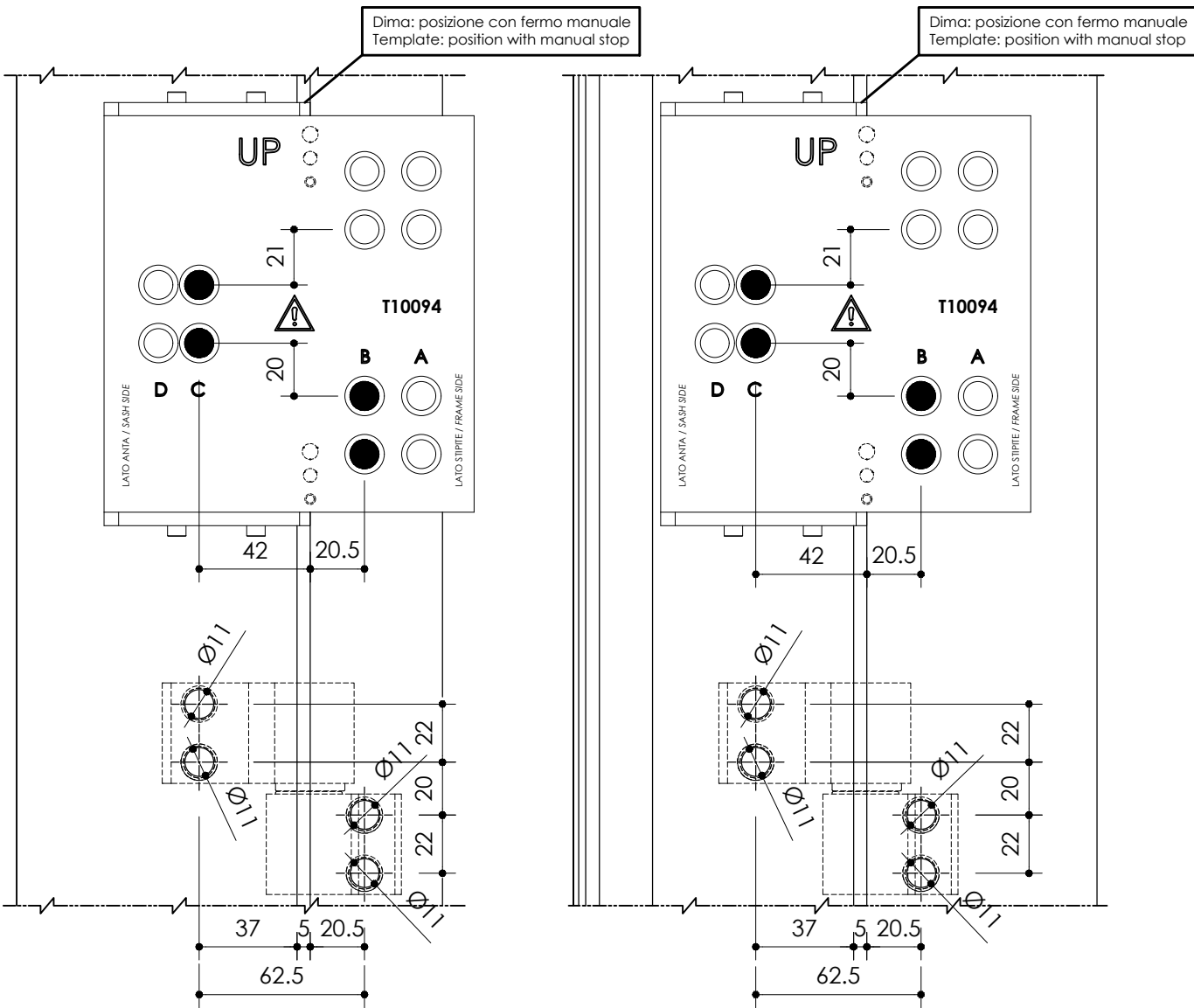


Posizione piastrine SENZA blindatura / Plate position WITHOUT armoring



Fresare la contropiastra
 Milling the plate

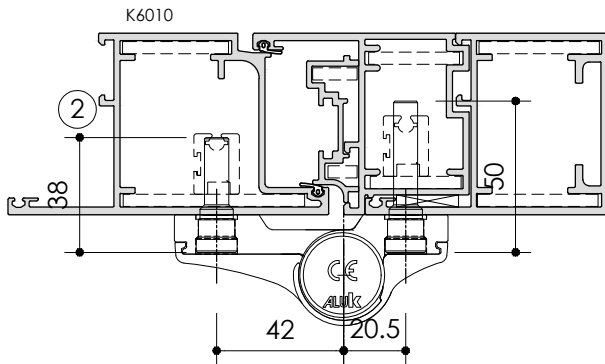
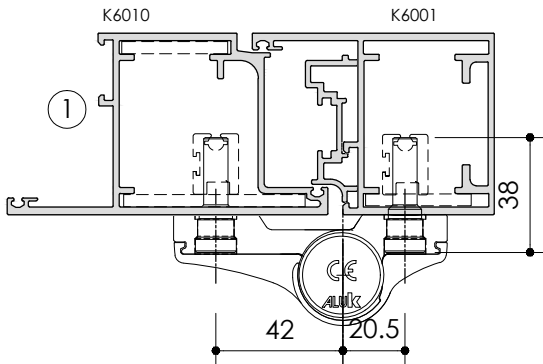
MONTAGGIO CERNIERE A DUE E TRE ALI, APERTURA ESTERNA TWO AND THREE WINGS HINGE ASSEMBLING DIAGRAM, OUTWARD OPENING



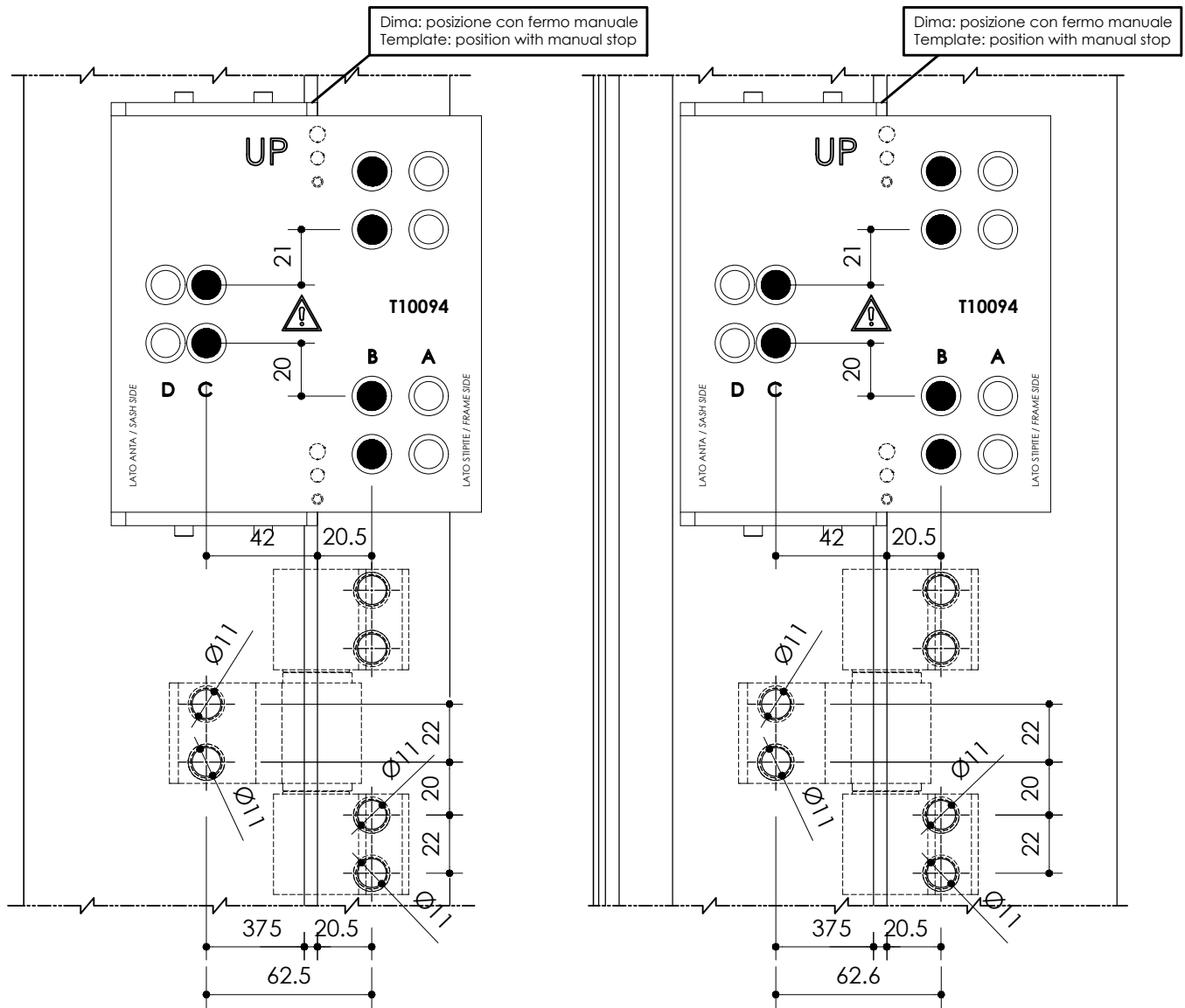
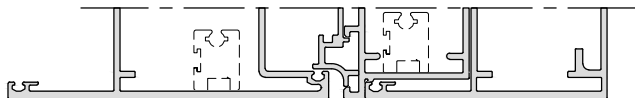
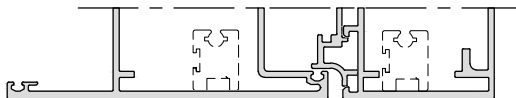
Pz	art.	Descrizione / Description
1	H43304(-..)	CERNIERA 2 ALI / 2 HINGE WINGS
1	H43605	KIT DI FISSAGGIO / FIXING KIT

Pz	art.	Descrizione / Description
1	H43304(-..)	CERNIERA 2 ALI / 2 HINGE WINGS
1	H43605	KIT DI FISSAGGIO / FIXING KIT
2	H43607*	VITE DI FISSAGGIO / FIXING SCREW

* solo con blindatura / only with armoring



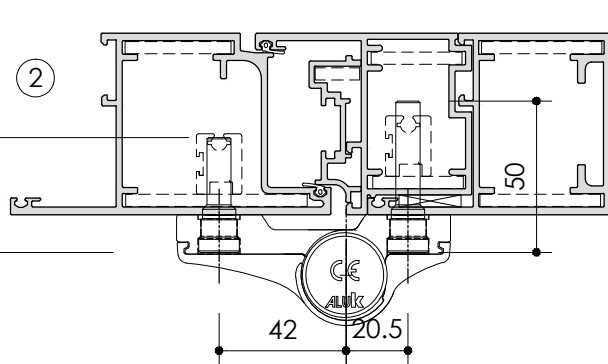
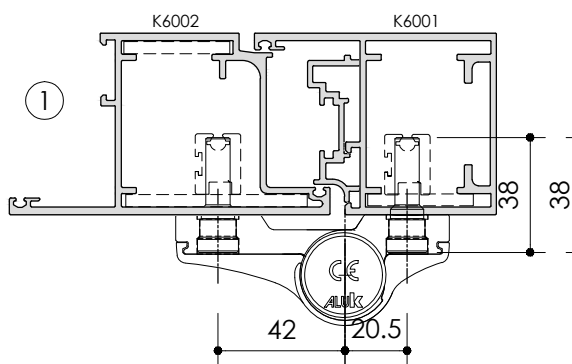
Posizione piastrine SENZA blindatura / Plate position WITHOUT armoring



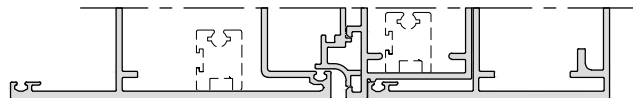
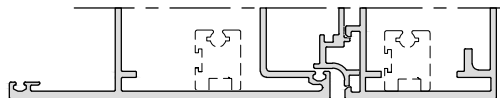
Pz	art.	Descrizione / Description
1	H43305(-..)	CERNIERA 3 ALI / 3 HINGE WINGS
1	H43606	KIT DI FISSAGGIO / FIXING KIT

Pz	art.	Descrizione / Description
1	H43305(-..)	CERNIERA 3 ALI / 3 HINGE WINGS
1	H43606	KIT DI FISSAGGIO / FIXING KIT
1	H43607*	VITE DI FISSAGGIO / FIXING SCREW

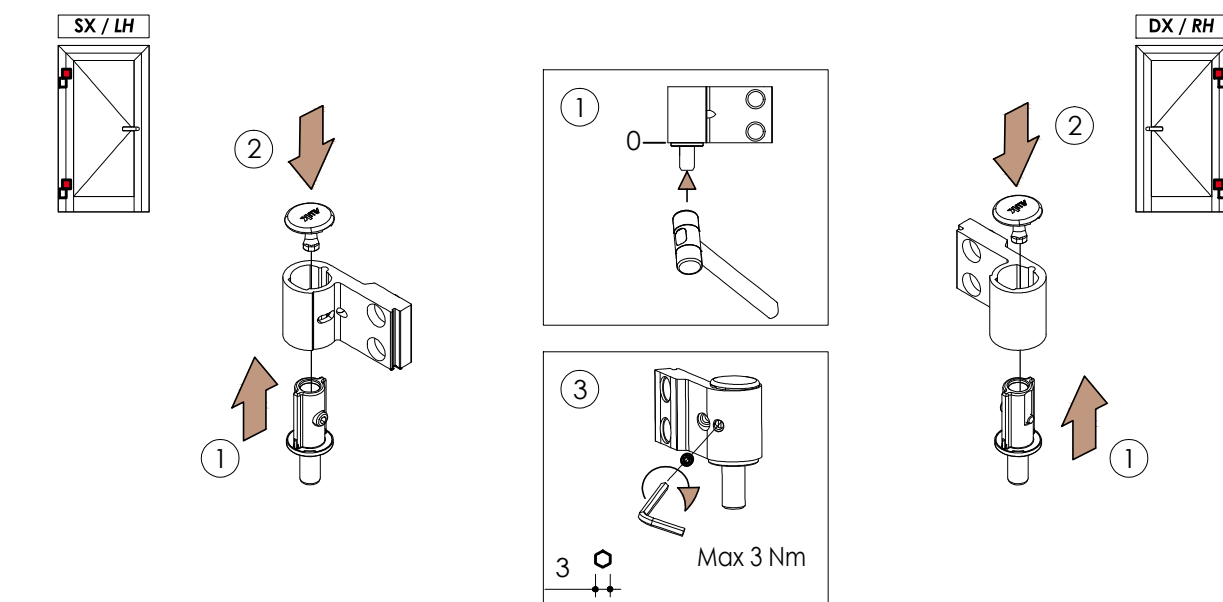
* solo con blindatura / only with armoring



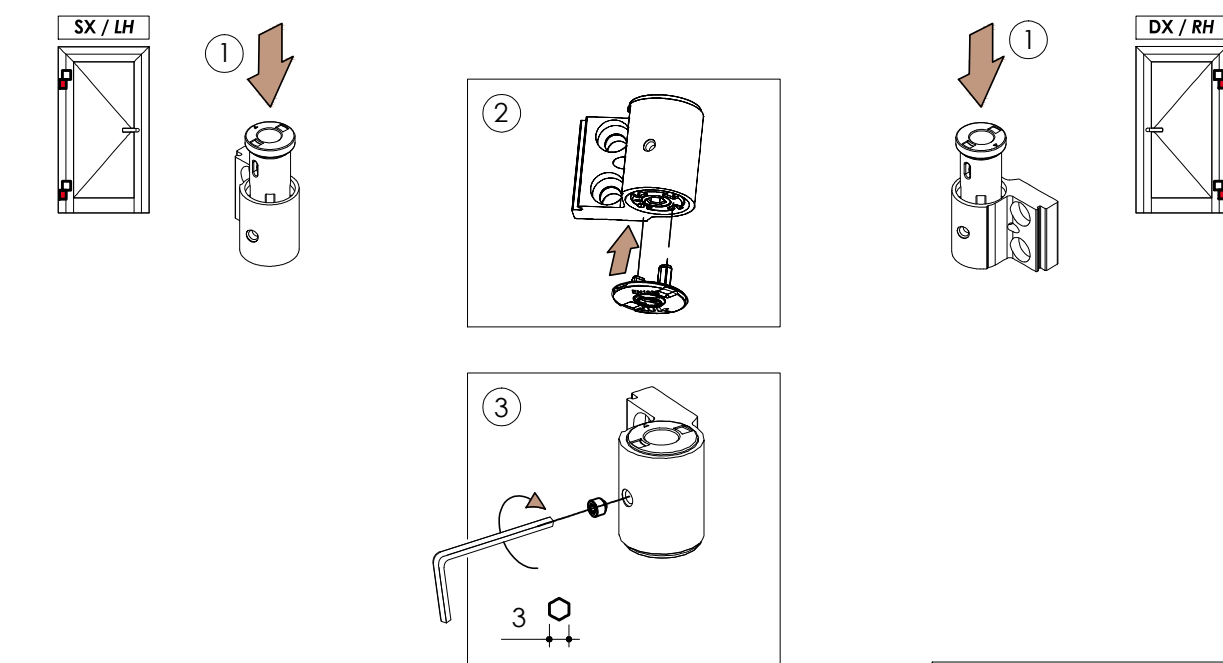
Posizione piastrine SENZA blindatura / Plate position WITHOUT armoring



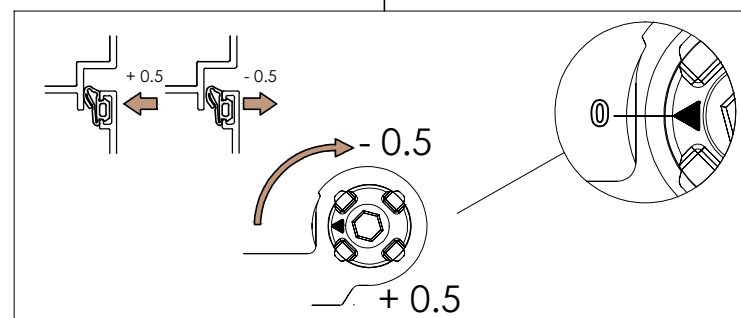
SCHEMA DI ASSEMBLAGGIO CERNIERE A 2 ALI **TWO WINGS HINGES ASSEMBLING DIAGRAM**



- 1 Inserire il perno nella boccia
Inserting the pivot in to the bush
- 2 Inserire la boccia e il tappo nella semi-cerniera superiore
Inserting the bush and the cup in to the upper hinge
- 3 Inserire il grano di fissaggio, con chiave esagonale 3 mm
Inserting the screw to fix, use Allen key 3 mm

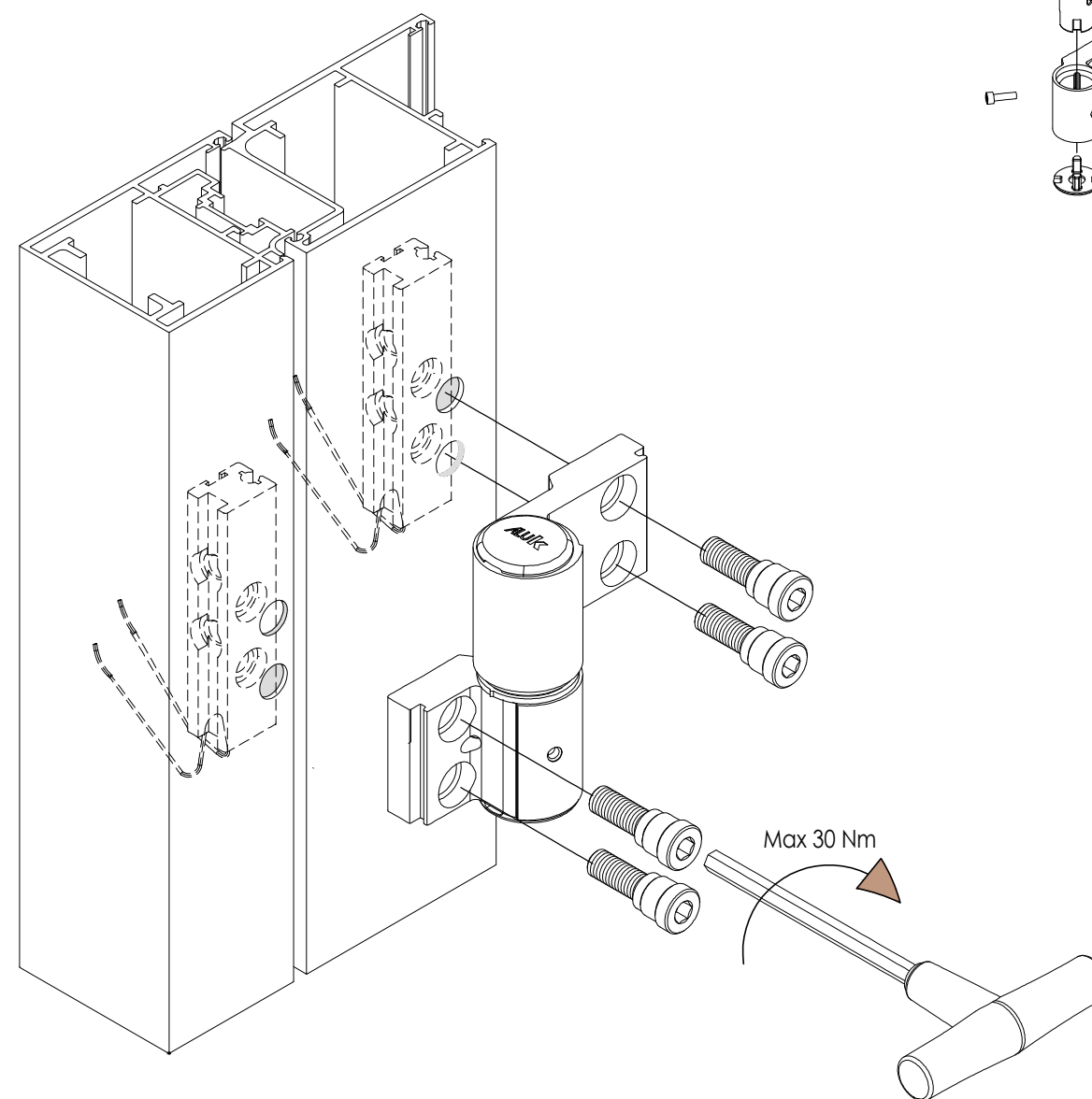
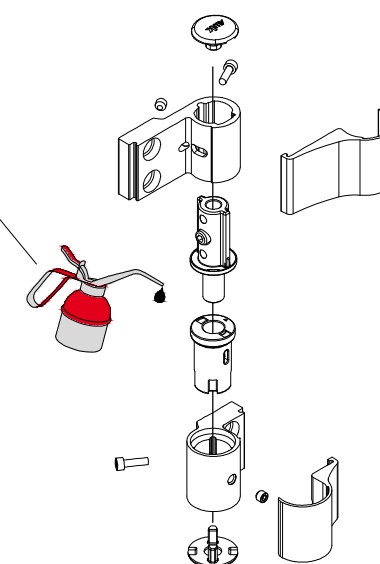


- 1 Inserire il perno nella boccia
Inserting the pivot in to the bush
- 2 Inserire la boccia e il tappo nella semi-cerniera inferiore
Inserting the bush and the cup in to the lower hinge
- 3 Inserire il grano di fissaggio, con chiave esagonale 3 mm
Inserting the screw to fix, use Allen key 3 mm



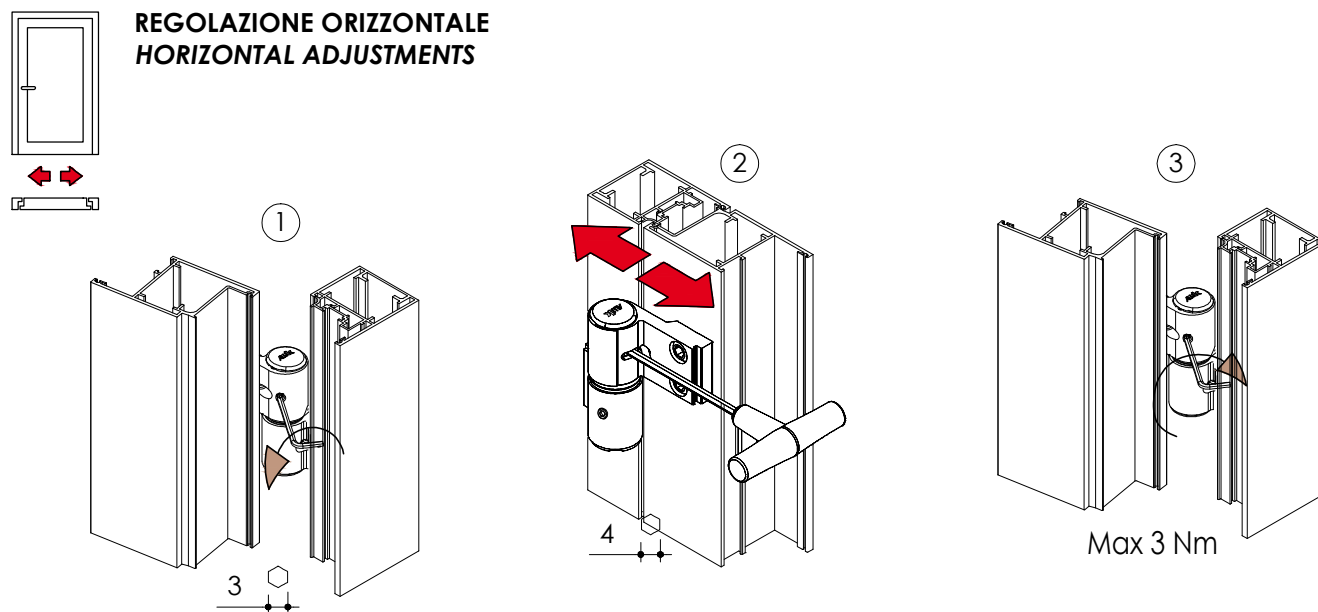
LUBRIFICARE IL PERNO CON
 SPRAY SILICONICO PRIMA DI
 ASSEMBLARE LA CERNIERA

 LUBRICATE THE PIN WITH
 SILICON SPRAY BEFORE HINGE
 ASSEMBLING



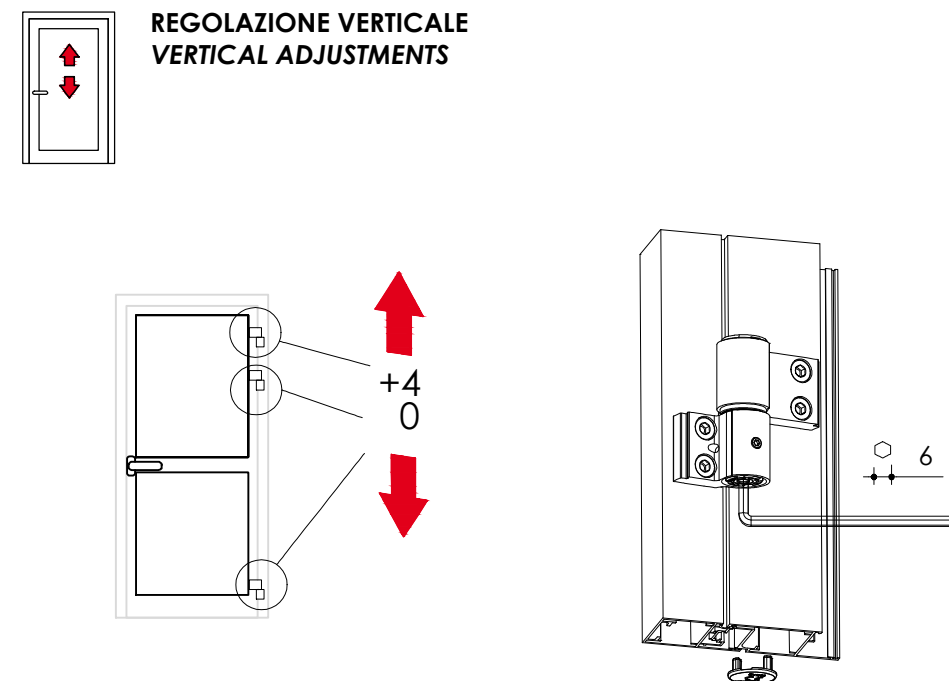
SCHEMA DI REGOLAZIONE CERNIERE 2 ALI DOUBLE WING HINGES SETTING DIAGRAM

REGOLAZIONE ORIZZONTALE HORIZONTAL ADJUSTMENTS



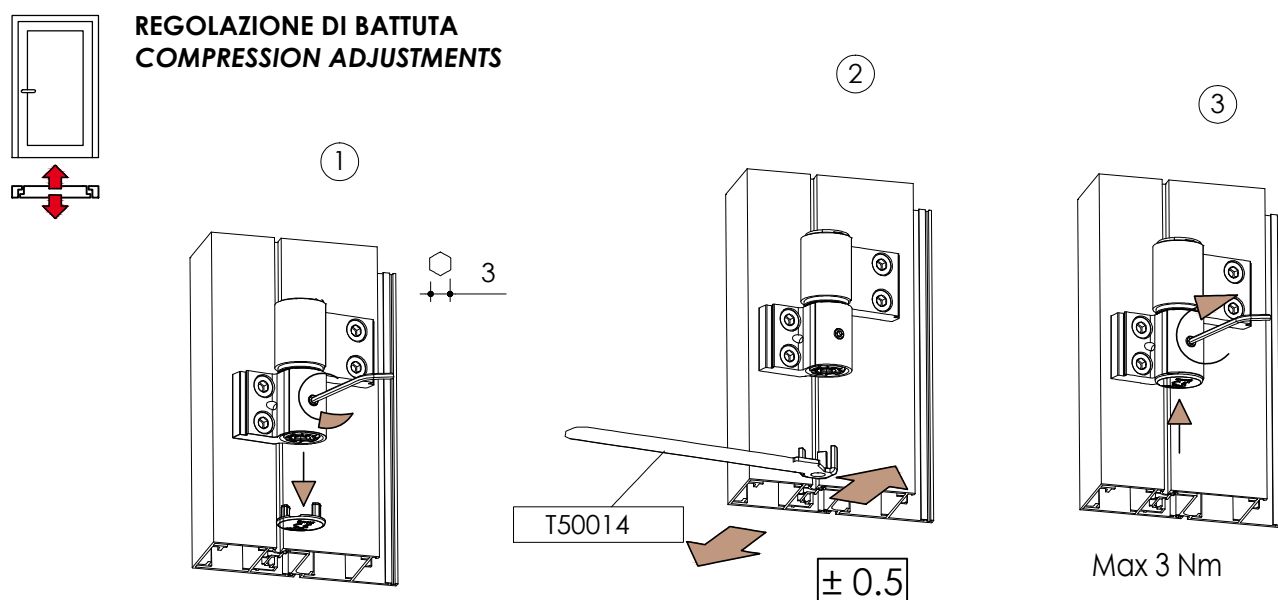
- ① Sbloccare la vite di fermo, con chiave esagonale 3 mm
Unlock the latch, use Allen key 3 mm
- ② Effettuare la regolazione orizzontale (± 0.5 mm), con chiave da 4 mm
Adjust (± 0.5 mm), use Allen key 4 mm
- ③ Bloccare il fermo, con chiave esagonale 3 mm
Lock the latch, use Allen key 3mm

REGOLAZIONE VERTICALE VERTICAL ADJUSTMENTS



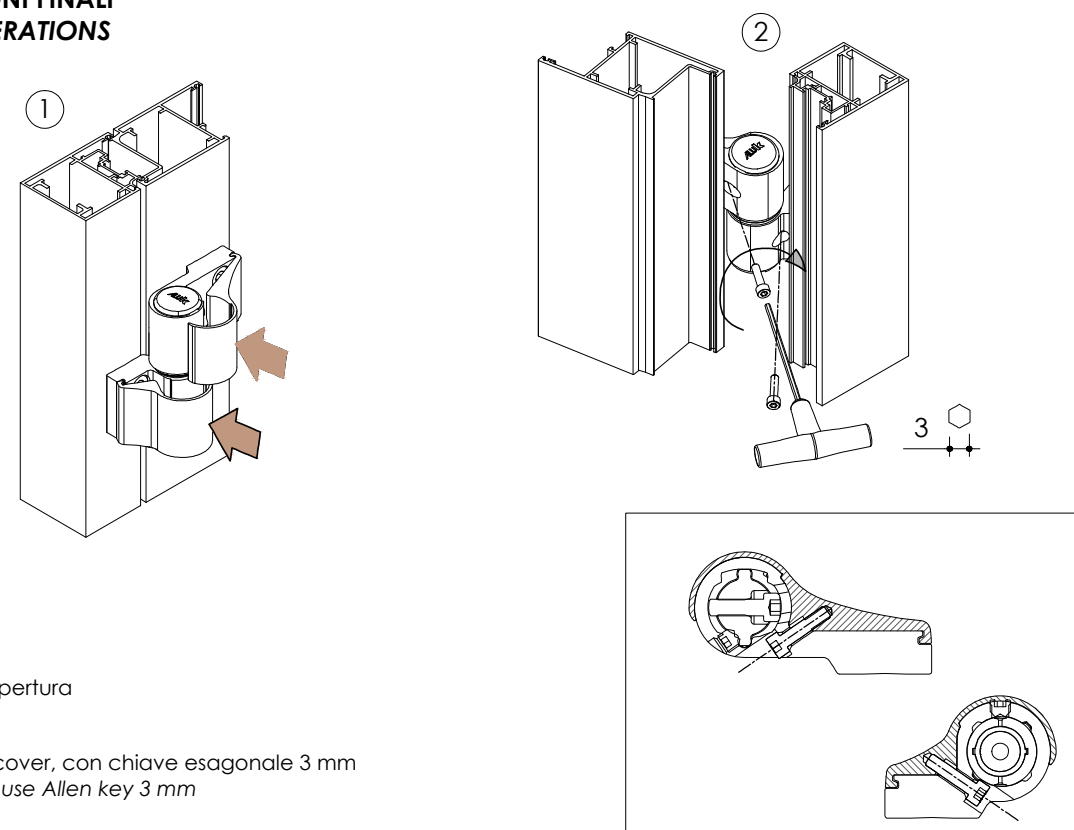
- ① Rimuovere il tappo
Remove the plug
- ② Effettuare la regolazione (+ 4 mm/ 0), con chiave da 6 mm
Adjust (+ 4 mm/ 0), use hex key 6mm

REGOLAZIONE DI BATTUTA COMPRESSION ADJUSTMENTS



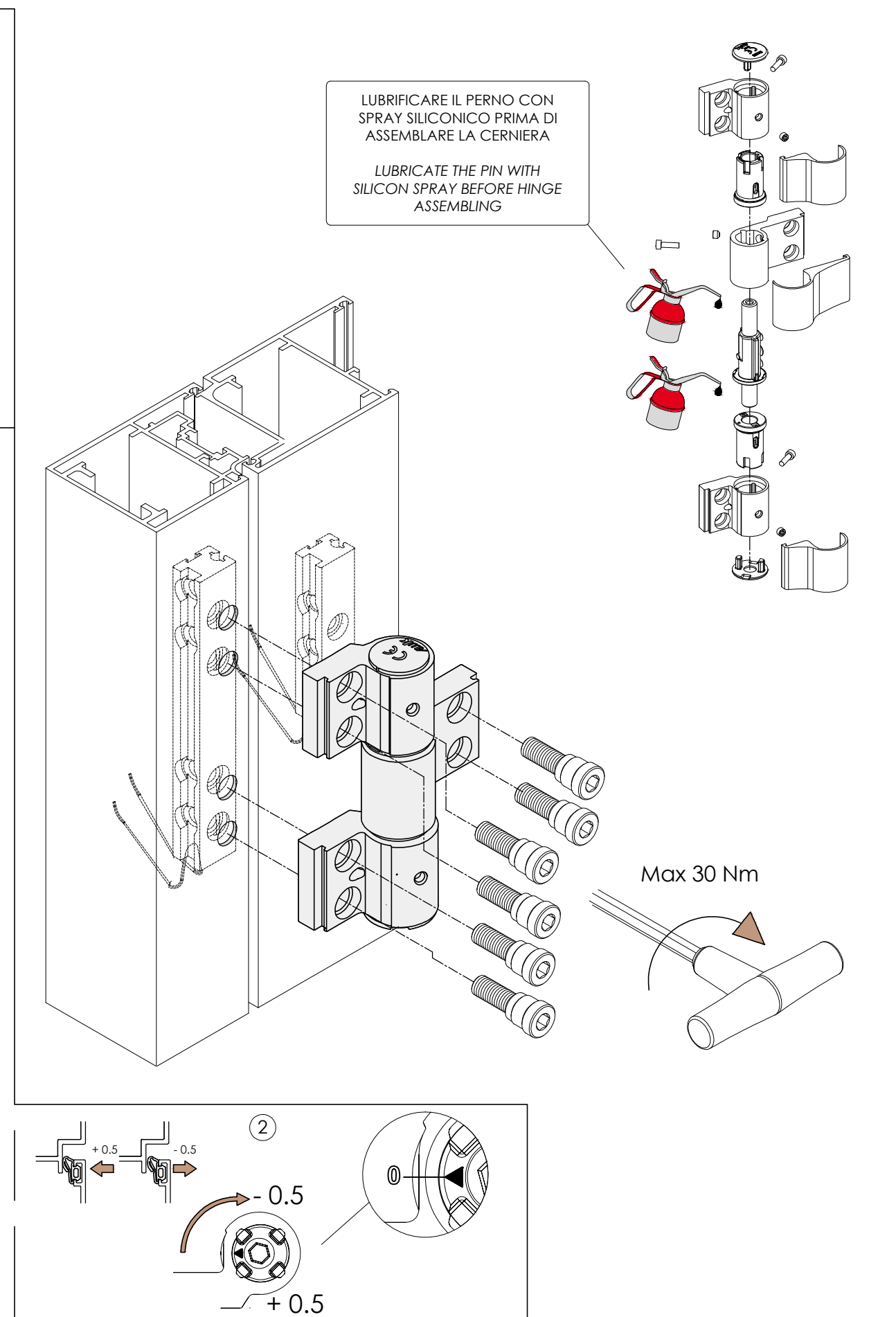
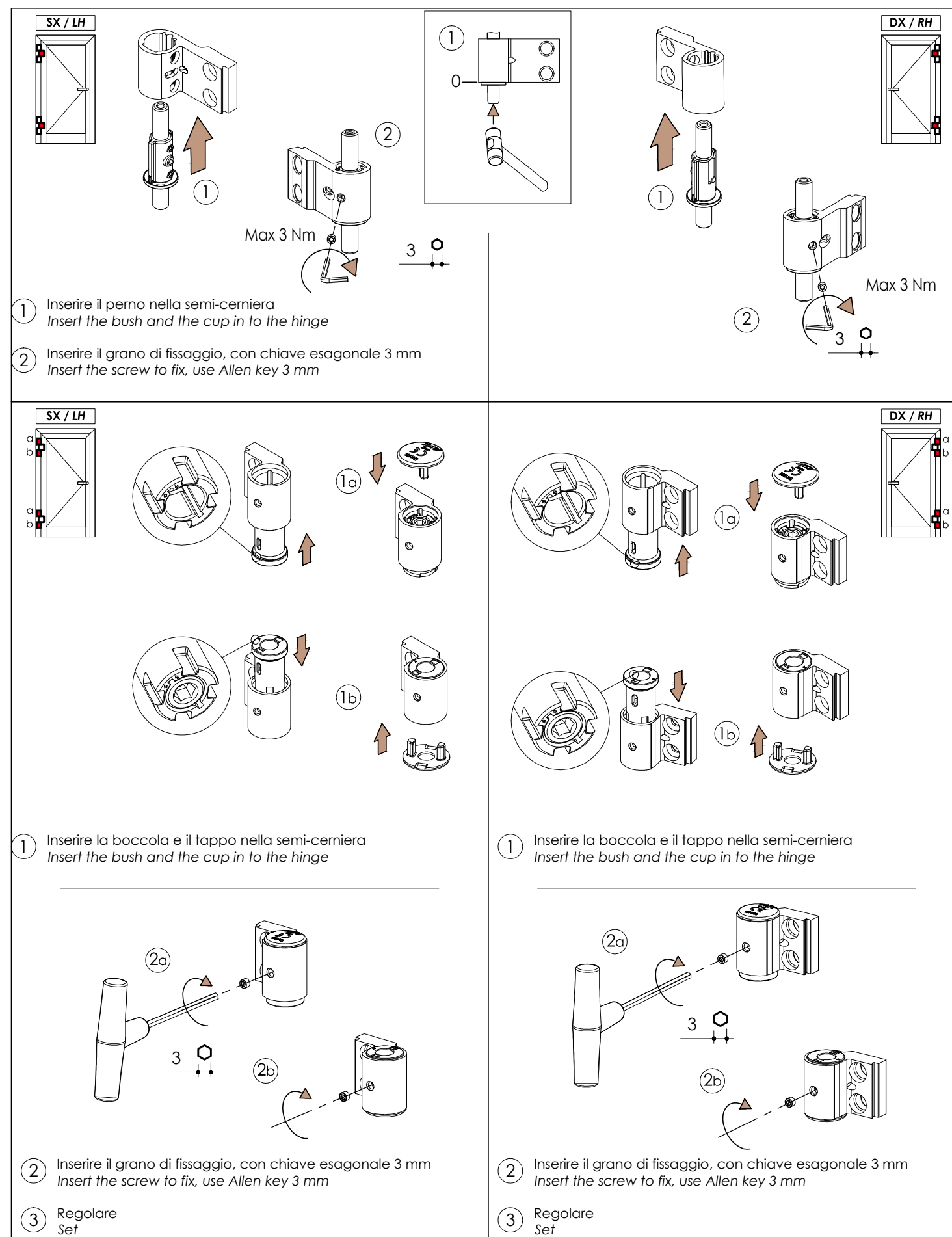
- ① Sbloccare la vite di fermo, con chiave esagonale 3 mm , e togliere il tappo
Unlock the latch, use hex key 3 mm, and remove the plug
- ② Effettuare la regolazione (± 0.5 mm), con chiave speciale T50014
Use T50014 to adjustment (± 0.5 mm)
- ③ Inserire il tappo e bloccare il fermo, con chiave esagonale 3 mm
Insert the plug and lock the latch, use Allen key 3mm

OPERAZIONI FINALI FINAL OPERATIONS



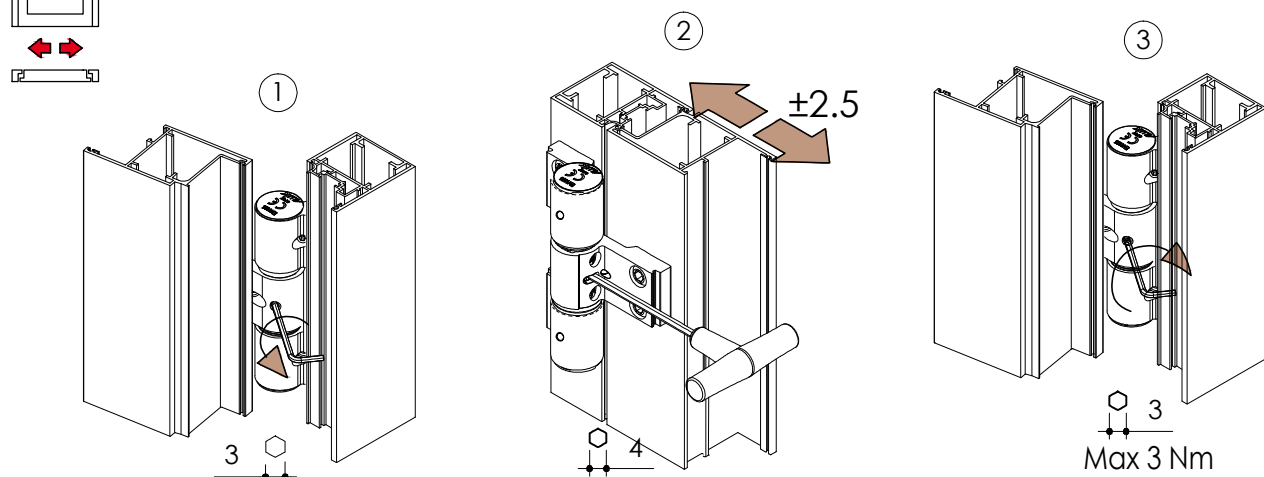
- ① Inserire la copertura
Insert cover
- ② Bloccare la cover, con chiave esagonale 3 mm
Block cover, use Allen key 3 mm

➤ SCHEMA DI ASSEMBLAGGIO E MONTAGGIO CERNIERE A 3 ALI THREE WINGS HINGES ASSEMBLING DIAGRAM



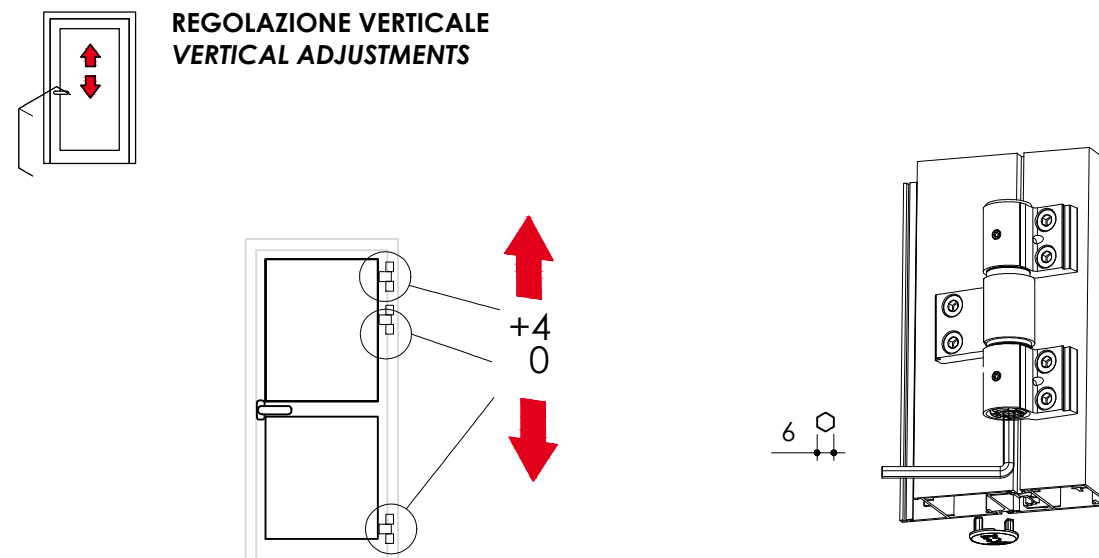
SCHEMA DI REGOLAZIONE CERNIERE 3 ALI THREE WINGS HINGES SETTING DIAGRAM

REGOLAZIONE ORIZZONTALE HORIZONTAL ADJUSTMENTS



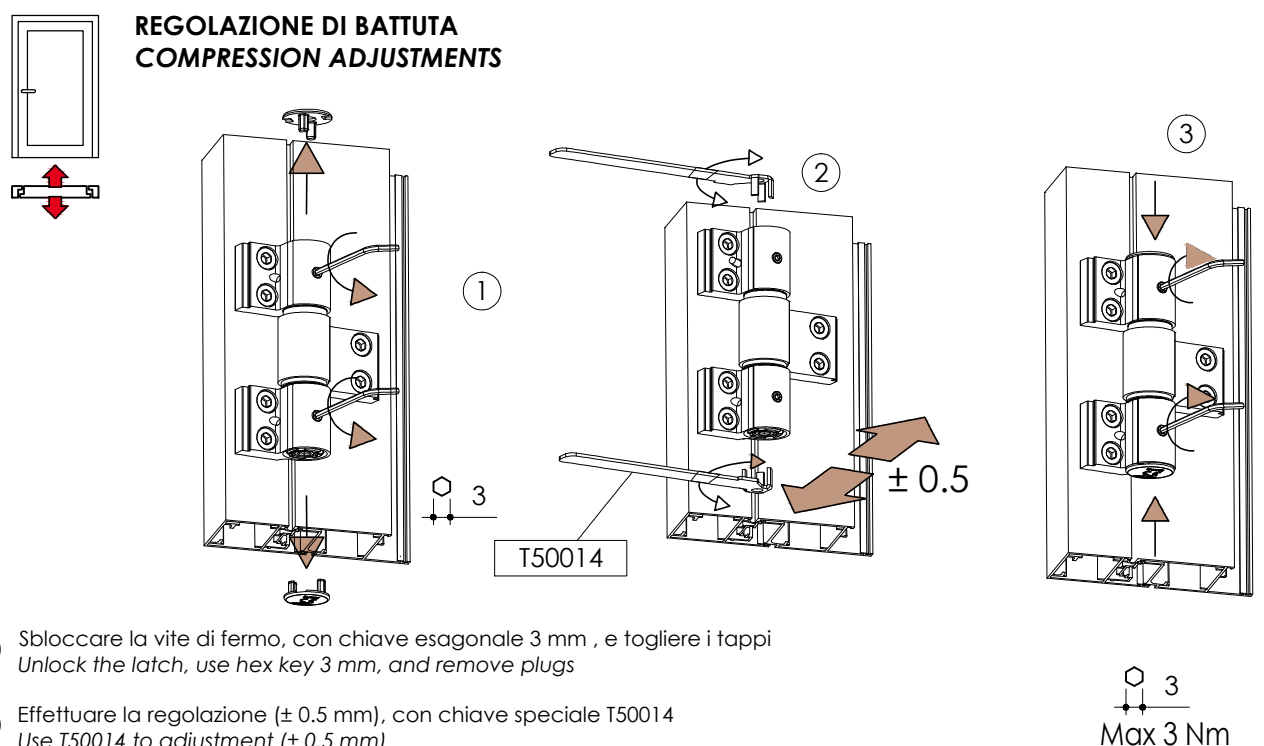
- 1 Sbloccare la vite di fermo, con chiave esagonale 3 mm
Unlock the latch, use Allen key 3 mm
- 2 Effettuare la regolazione orizzontale (± 0.5 mm), con chiave da 4 mm
Adjust (± 0.5 mm), use Allen key 4 mm
- 3 Bloccare il fermo, con chiave esagonale 3 mm
Lock the latch, use Allen key 3mm

REGOLAZIONE VERTICALE VERTICAL ADJUSTMENTS



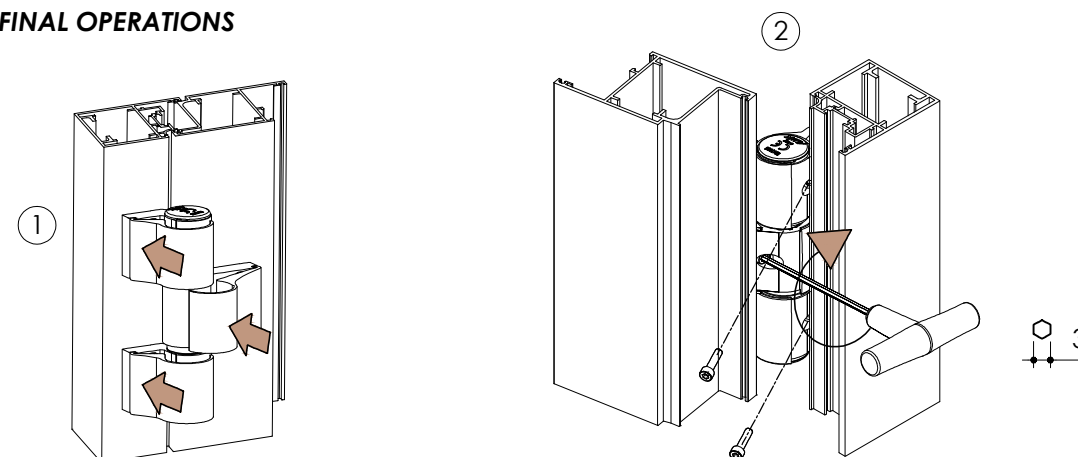
- 1 Rimuovere il tappo
Remove the plug
- 2 Effettuare la regolazione (+ 4 mm/ 0), con chiave da 6 mm
Adjust (+ 4 mm/ 0), use hex key 6mm

REGOLAZIONE DI BATTUTA COMPRESSION ADJUSTMENTS

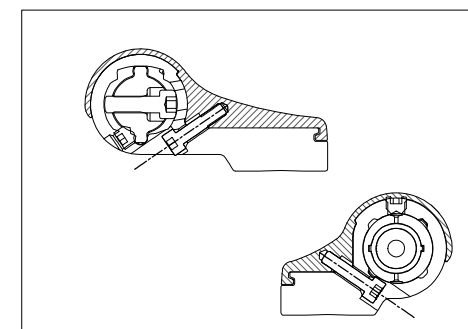


- 1 Sbloccare la vite di fermo, con chiave esagonale 3 mm , e togliere i tappi
Unlock the latch, use hex key 3 mm, and remove plugs
- 2 Effettuare la regolazione (± 0.5 mm), con chiave speciale T50014
Use T50014 to adjustment (± 0.5 mm)
- 3 Inserire i tappi e bloccare il fermo, con chiave esagonale 3 mm
Insert plugs and lock the latch, use Allen key 3mm

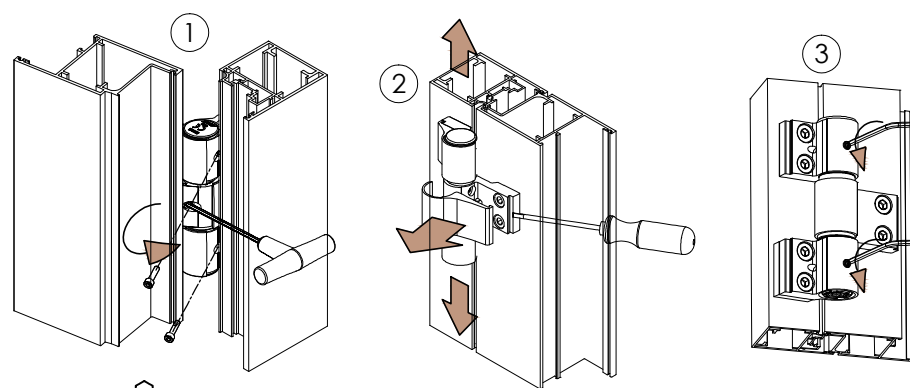
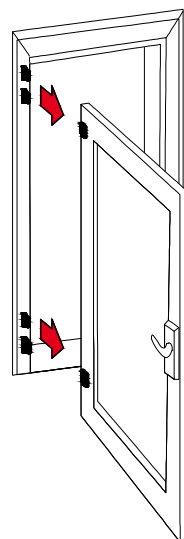
OPERAZIONI FINALI FINAL OPERATIONS



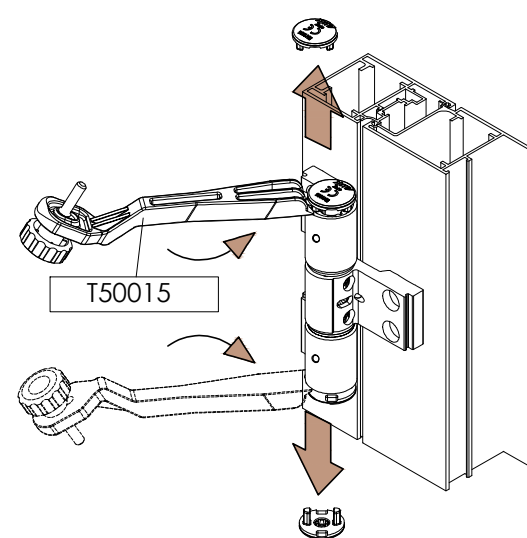
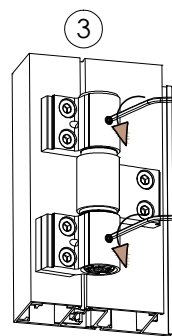
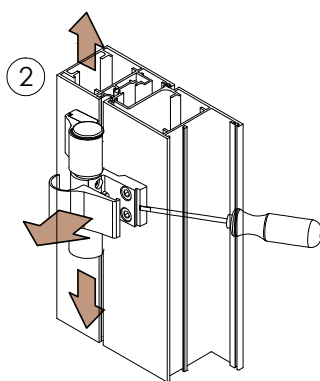
- 1 Inserire le coperture
Insert covers
- 2 Bloccare le cover, con chiave esagonale 3 mm
Block covers, use Allen key 3 mm



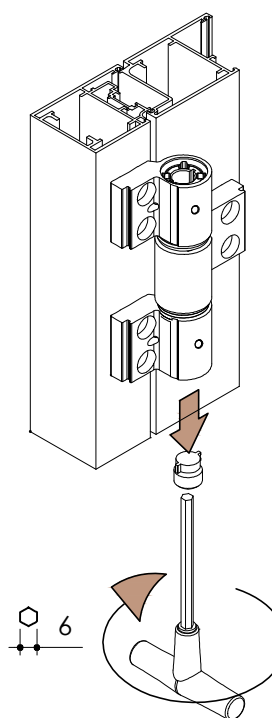
➤ SCHEMA DI SMONTAGGIO CERNIERE 3 ALI THREE WING HINGES DISASSEMBLING DIAGRAM



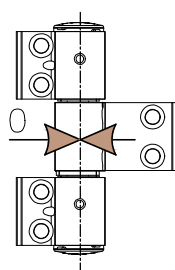
- ① Sbloccare le viti che fissano le cover, con chiave esagonale 3 mm
Unlock the covers fixing screws, use Allen key 3 mm
- ② Rimuovere le cover
Remove covers
- ③ Rimuovere il grano di fissaggio boccola, con chiave esagonale 3 mm
Remove the set screw, use Allen key 3mm



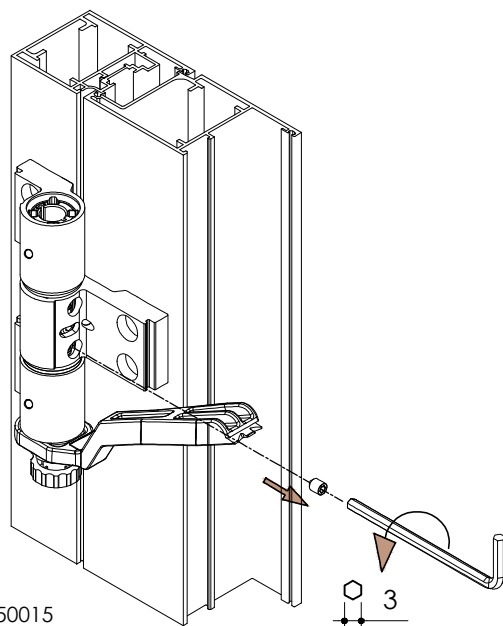
- Rimuovere i tappi, con attrezzo speciale T50015
Remove the plugs, use T50015 tool



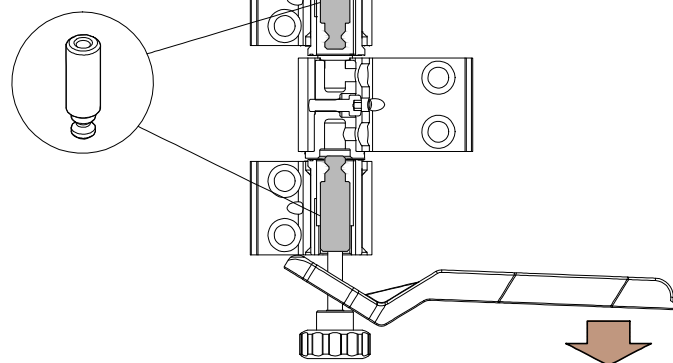
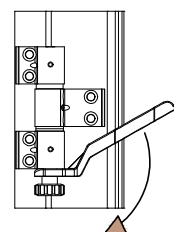
- Svitare la vite di regolazione verticale
Unscrew the vertical adjusting screw



! La cerniera dev'essere regolata a 0
 The hinge has to be in "0" position



- Avvitare estrattore perno art. T50015
Tighten art. T50015
- Rimuovere il grano di fissaggio perno
Remove the pin fixing screw
- Ripetere l'operazione con la semicerniera superiore
Repeat the operation with the upper half hinge



- Sfilare il perno
Remove the pin
- Ripetere l'operazione con la semicerniera superiore
Repeat the operation with the upper half hinge

