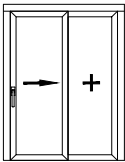
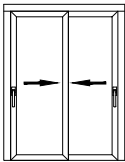
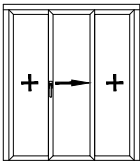
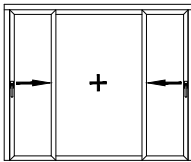
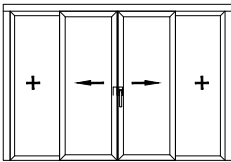




HS-SLIM80
spessore 68-78-92mm

Spessore anta(mm)	 Schema A	 Schema B	 Schema C	 Schema D	 Schema E
68					
78					
92					

Indice generale

General index

uni_one HS Slim

Fattibilità	pag.01
Schede tecniche	pag.2-3-4
Disegni tecnici	
uni_one HS Slim 68mm	pag.5
uni_one HS Slim 78mm	pag.11
uni_one HS Slim 92mm	pag.17
Altre tipologie di apertura	pag.23
Riepilogo	pag.26
Istruzioni di montaggio	pag.35



HS SLIM 68x80mm -vetro sp.32mm- Valori di trasmittanza termica U_f/U_w

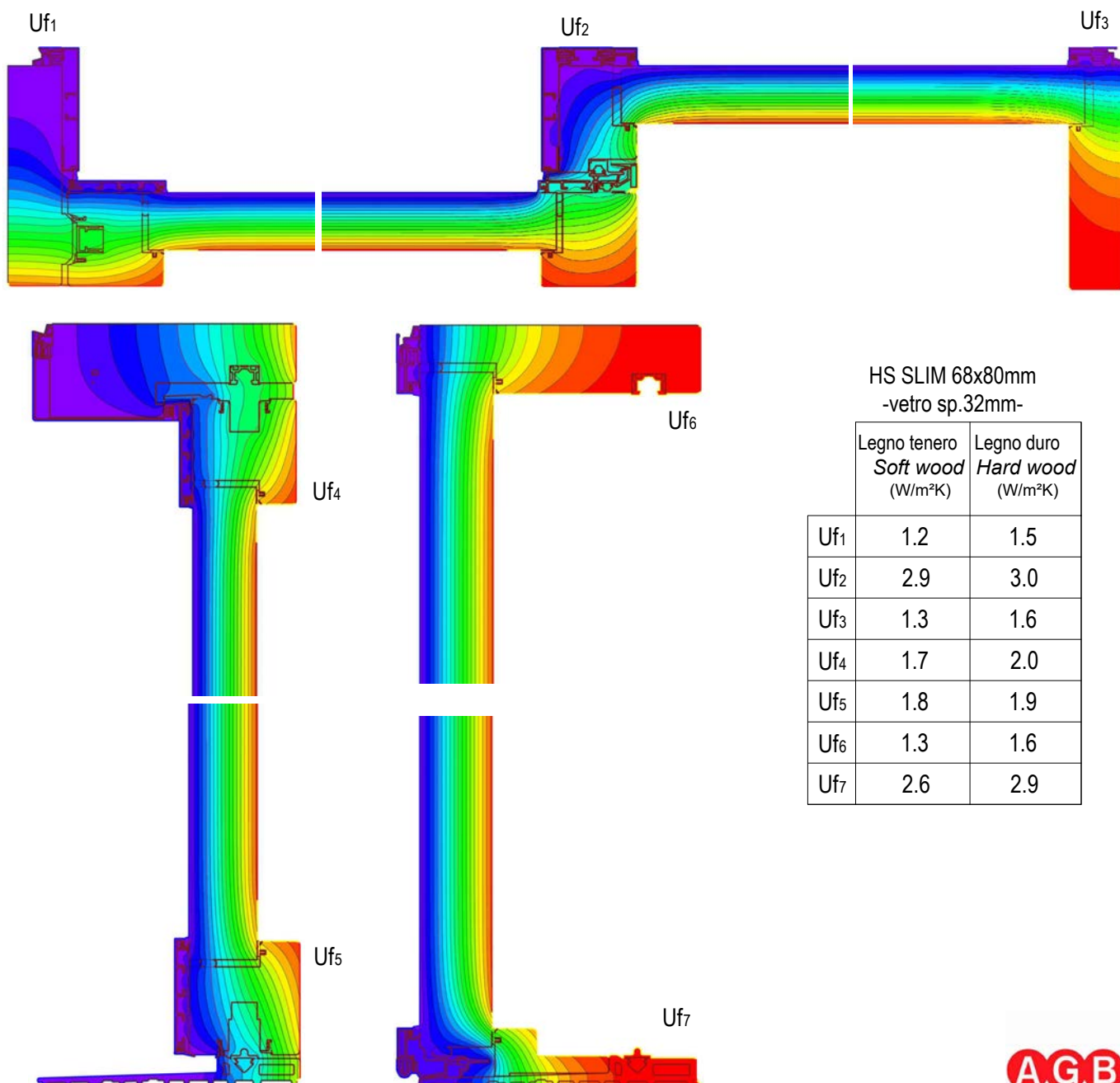
Legno tenero(Soft wood)

Tipologia	U_g	U_w
HS Slim 68x80	1,0 W/m ² K	$U_w = 1,2 \text{ W/m}^2\text{K}$
	1,1 W/m ² K	$U_w = 1,3 \text{ W/m}^2\text{K}$
	1,2 W/m ² K	$U_w = 1,4 \text{ W/m}^2\text{K}$
	1,3 W/m ² K	$U_w = 1,4 \text{ W/m}^2\text{K}$
	1,4 W/m ² K	$U_w = 1,5 \text{ W/m}^2\text{K}$
	1,5 W/m ² K	$U_w = 1,6 \text{ W/m}^2\text{K}$
	1,6 W/m ² K	$U_w = 1,7 \text{ W/m}^2\text{K}$
	1,7 W/m ² K	$U_w = 1,8 \text{ W/m}^2\text{K}$
	1,8 W/m ² K	$U_w = 1,9 \text{ W/m}^2\text{K}$

Legno duro(Hard wood)

Tipologia	U_g	U_w
HS Slim 68x80	1,0 W/m ² K	$U_w = 1,2 \text{ W/m}^2\text{K}$
	1,1 W/m ² K	$U_w = 1,3 \text{ W/m}^2\text{K}$
	1,2 W/m ² K	$U_w = 1,4 \text{ W/m}^2\text{K}$
	1,3 W/m ² K	$U_w = 1,5 \text{ W/m}^2\text{K}$
	1,4 W/m ² K	$U_w = 1,6 \text{ W/m}^2\text{K}$
	1,5 W/m ² K	$U_w = 1,7 \text{ W/m}^2\text{K}$
	1,6 W/m ² K	$U_w = 1,7 \text{ W/m}^2\text{K}$
	1,7 W/m ² K	$U_w = 1,8 \text{ W/m}^2\text{K}$
	1,8 W/m ² K	$U_w = 1,9 \text{ W/m}^2\text{K}$

I valori di isolamento termico sono calcolati secondo la norma UNI EN ISO 10077-1/2007. Calcolato su dimensione esterno telaio LxH 2800x2500mm schema A
 Psig vetro considerato= 0.04 W/mK



HS SLIM 68x80mm -vetro sp.32mm-

	Legno tenero Soft wood (W/m ² K)	Legno duro Hard wood (W/m ² K)
Uf1	1.2	1.5
Uf2	2.9	3.0
Uf3	1.3	1.6
Uf4	1.7	2.0
Uf5	1.8	1.9
Uf6	1.3	1.6
Uf7	2.6	2.9

HS SLIM 78x80mm -triplo vetro sp.48mm- Valori di trasmittanza termica U_f/U_w

Legno tenero(Soft wood)

Tipologia	U_g	U_w
HS Slim 78x80	0,5 W/m ² K	Uw= 0,8 W/m ² K
	0,6 W/m ² K	Uw= 0,9 W/m ² K
	0,7 W/m ² K	Uw= 1,0 W/m ² K
	0,8 W/m ² K	Uw= 1,1 W/m ² K
	0,9 W/m ² K	Uw= 1,1 W/m ² K
	1,0 W/m ² K	Uw= 1,2 W/m ² K
	1,1 W/m ² K	Uw= 1,3 W/m ² K
	1,2 W/m ² K	Uw= 1,4 W/m ² K
	1,3 W/m ² K	Uw= 1,5 W/m ² K
	1,4 W/m ² K	Uw= 1,5 W/m ² K

Legno duro(Hard wood)

Tipologia	U_g	U_w
HS Slim 78x80	0,5 W/m ² K	Uw= 0,8 W/m ² K
	0,6 W/m ² K	Uw= 0,9 W/m ² K
	0,7 W/m ² K	Uw= 1,0 W/m ² K
	0,8 W/m ² K	Uw= 1,1 W/m ² K
	0,9 W/m ² K	Uw= 1,1 W/m ² K
	1,0 W/m ² K	Uw= 1,2 W/m ² K
	1,1 W/m ² K	Uw= 1,3 W/m ² K
	1,2 W/m ² K	Uw= 1,4 W/m ² K
	1,3 W/m ² K	Uw= 1,5 W/m ² K
	1,4 W/m ² K	Uw= 1,6 W/m ² K

I valori di isolamento termico sono calcolati secondo la norma UNI EN ISO 10077-1/2007. Calcolato su dimensione esterno telaio LxH 2800x2500mm schema A

Psig vetro considerato= 0.04 W/mK



HS SLIM 78x80mm
-triplo vetro sp.48mm-

	Legno tenero Soft wood (W/m ² K)	Legno duro Hard wood (W/m ² K)
Uf1	1.1	1.3
Uf2	3.6	3.9
Uf3	1.1	1.4
Uf4	1.5	1.7
Uf5	1.6	1.8
Uf6	1.1	1.3
Uf7	2.7	3.0

HS SLIM 92x80mm -triplo vetro sp.54mm- Valori di trasmittanza termica U_f/U_w

Legno tenero(Soft wood)

Tipologia	U_g	U_w
HS Slim 92x80	0,5 W/m ² K	$U_w = 0,8$ W/m ² K
	0,6 W/m ² K	$U_w = 0,8$ W/m ² K
	0,7 W/m ² K	$U_w = 0,9$ W/m ² K
	0,8 W/m ² K	$U_w = 1,0$ W/m ² K
	0,9 W/m ² K	$U_w = 1,1$ W/m ² K
	1,0 W/m ² K	$U_w = 1,2$ W/m ² K
	1,1 W/m ² K	$U_w = 1,3$ W/m ² K
	1,2 W/m ² K	$U_w = 1,4$ W/m ² K
	1,3 W/m ² K	$U_w = 1,4$ W/m ² K
	1,4 W/m ² K	$U_w = 1,5$ W/m ² K

Legno duro(Hard wood)

Tipologia	U_g	U_w
HS Slim 92x80	0,5 W/m ² K	$U_w = 0,8$ W/m ² K
	0,6 W/m ² K	$U_w = 0,9$ W/m ² K
	0,7 W/m ² K	$U_w = 1,0$ W/m ² K
	0,8 W/m ² K	$U_w = 1,0$ W/m ² K
	0,9 W/m ² K	$U_w = 1,1$ W/m ² K
	1,0 W/m ² K	$U_w = 1,2$ W/m ² K
	1,1 W/m ² K	$U_w = 1,3$ W/m ² K
	1,2 W/m ² K	$U_w = 1,4$ W/m ² K
	1,3 W/m ² K	$U_w = 1,5$ W/m ² K
	1,4 W/m ² K	$U_w = 1,6$ W/m ² K

I valori di isolamento termico sono calcolati secondo la norma UNI EN ISO 10077-1/2007. Calcolato su dimensione esterno telaio LxH 2800x2500mm schema A

U_{sig} sig vetro considerato= 0.04 W/mK

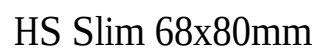


HS SLIM 92x80mm
-triplo vetro sp.54mm-

	Legno tenero Soft wood (W/m ² K)	Legno duro Hard wood (W/m ² K)
Uf1	1.0	1.2
Uf2	3.6	3.9
Uf3	1.0	1.3
Uf4	1.4	1.6
Uf5	1.6	1.8
Uf6	1.0	1.2
Uf7	2.8	3.1

HS Slim - 68x80mm
HS Slim system - 68x80mm

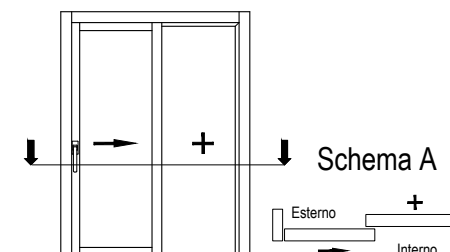
Diagram illustrating the installation of a profile LA1102 into a LA1100c frame. A syringe-like applicator is shown injecting a red substance into the joint between the profile and the frame.

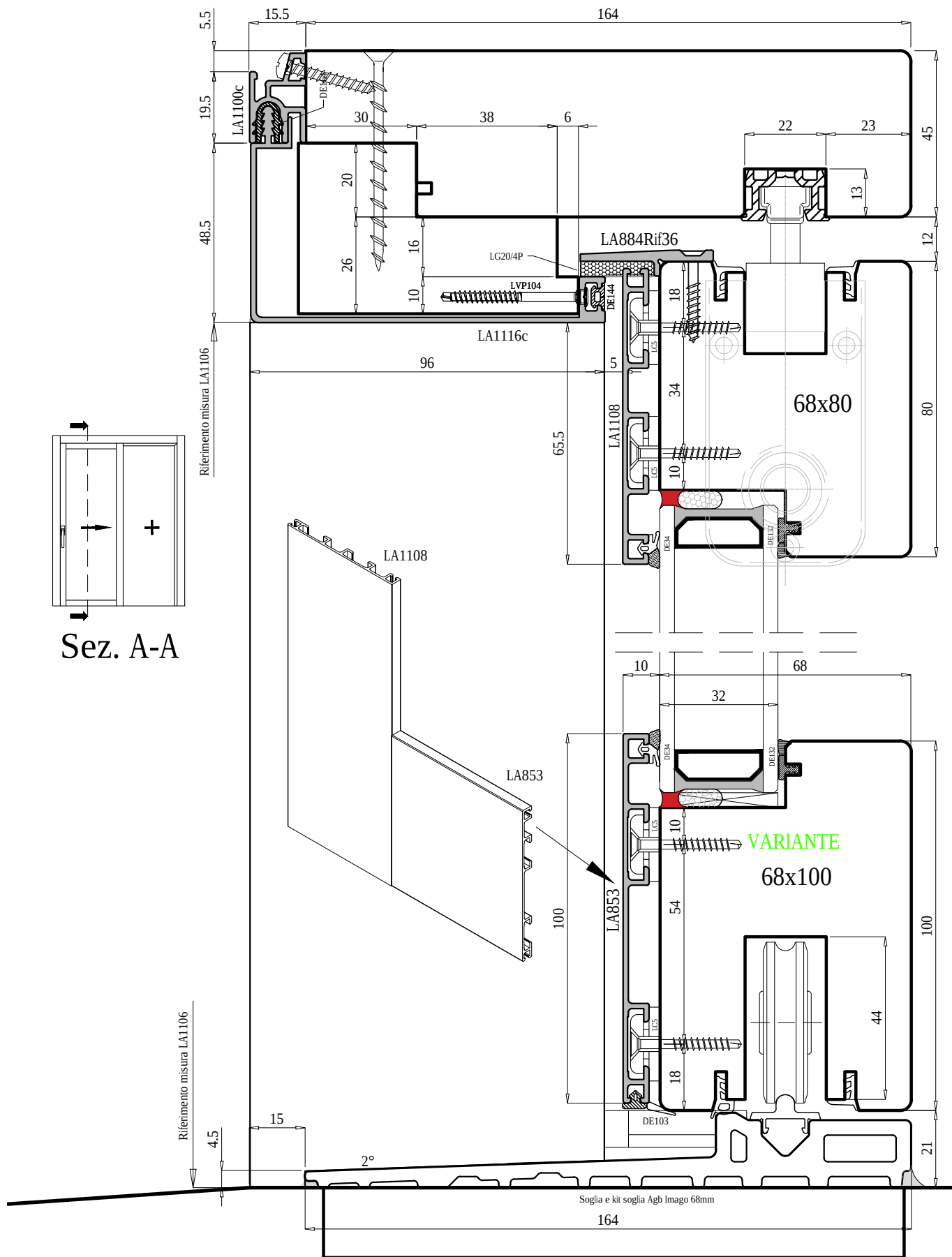


uniform

IT	Sezione orizzontale serramento alzante scorrevole
DE	Horizontalschnitt Hebe-Schiebe-Tür
ES	Sección horizontal corredera elevadora
FR	Coupe horizontale fenêtre levante-coulissante
UK	Horizontal section of sliding window-door

AGB





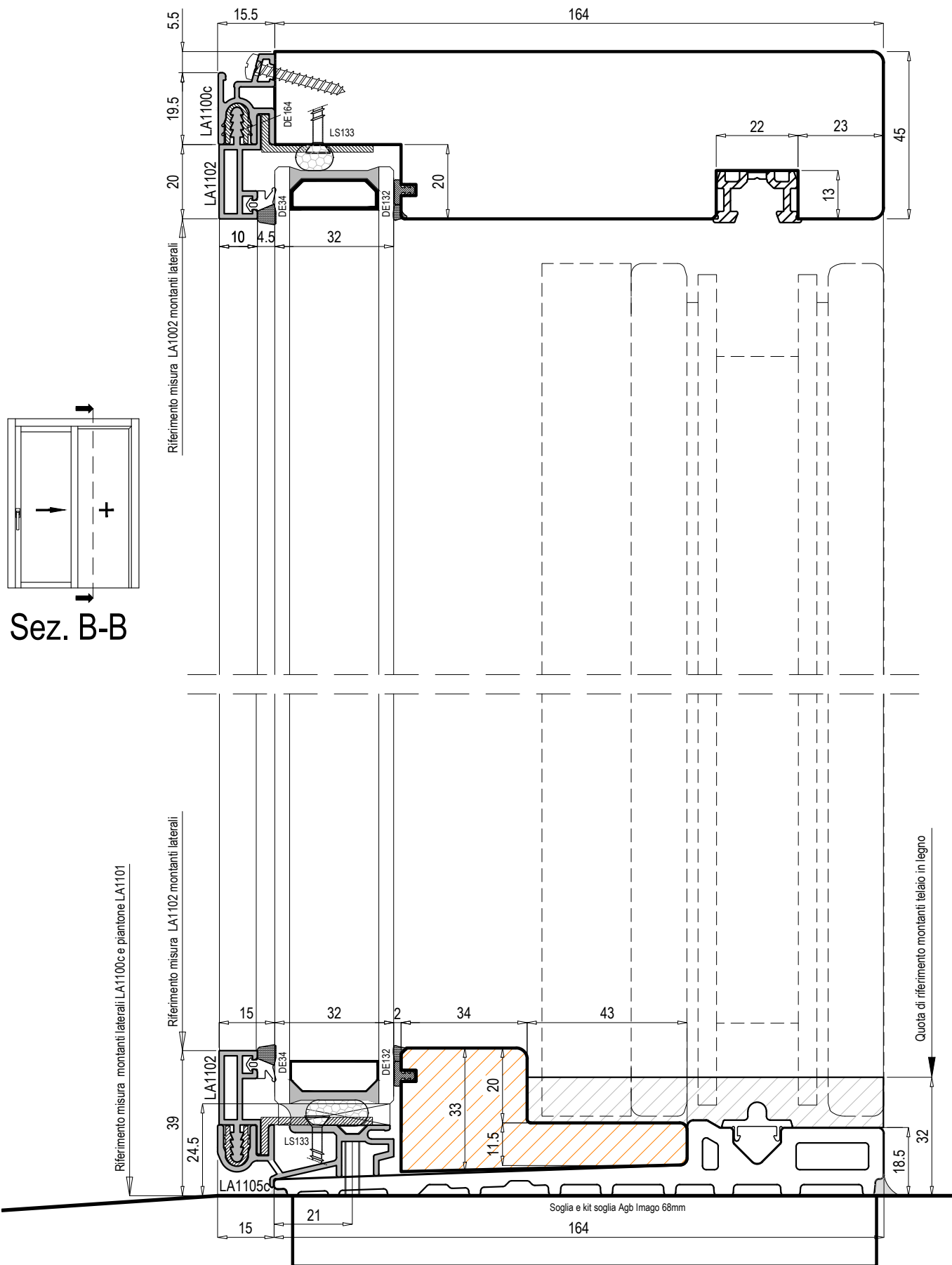
HS Slim 68x80mm

uniform

Zoom 70%

- | | |
|------|---|
| (IT) | Sezione verticale serramento alzante scorrevole |
| (DE) | Vertikalschnitt Hebe-Schiebe-Tür |
| (ES) | Sección vertical corredera elevadora |
| (FR) | Coupe verticale fenêtre levante-coulissante |
| (UK) | Vertical section of sliding window-door |

AGB



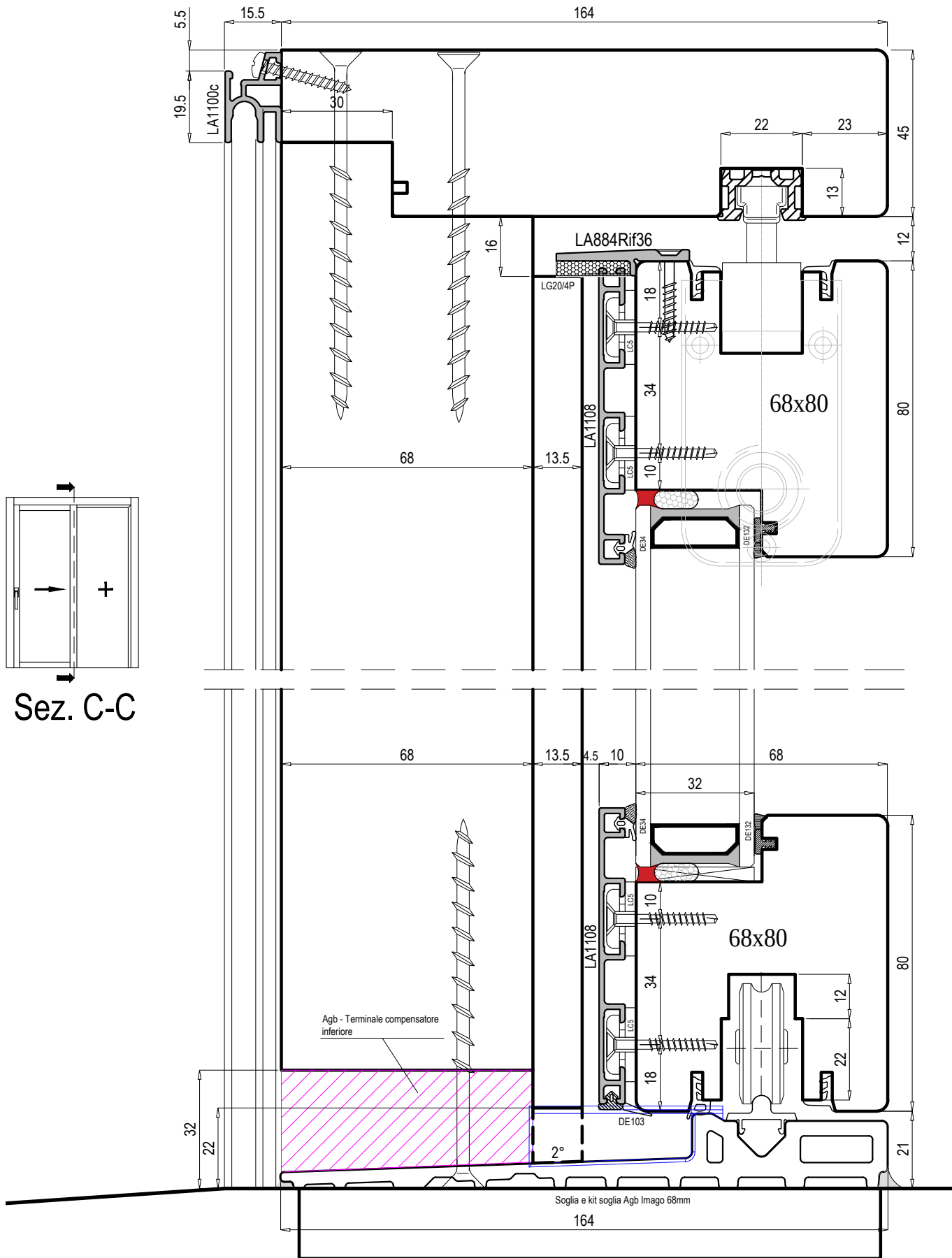
HS Slim 68x80mm

uniform

Zoom 70%

- (IT) Sezione verticale serramento alzante scorrevole
- (DE) Vertikalschnitt Hebe-Schiebe-Tür
- (ES) Sección vertical corredera elevadora
- (FR) Coupe verticale fenêtre levante-coulissante
- (UK) Vertical section of sliding window-door

AGB



HS Slim 68x80mm

uniform

Zoom 70%

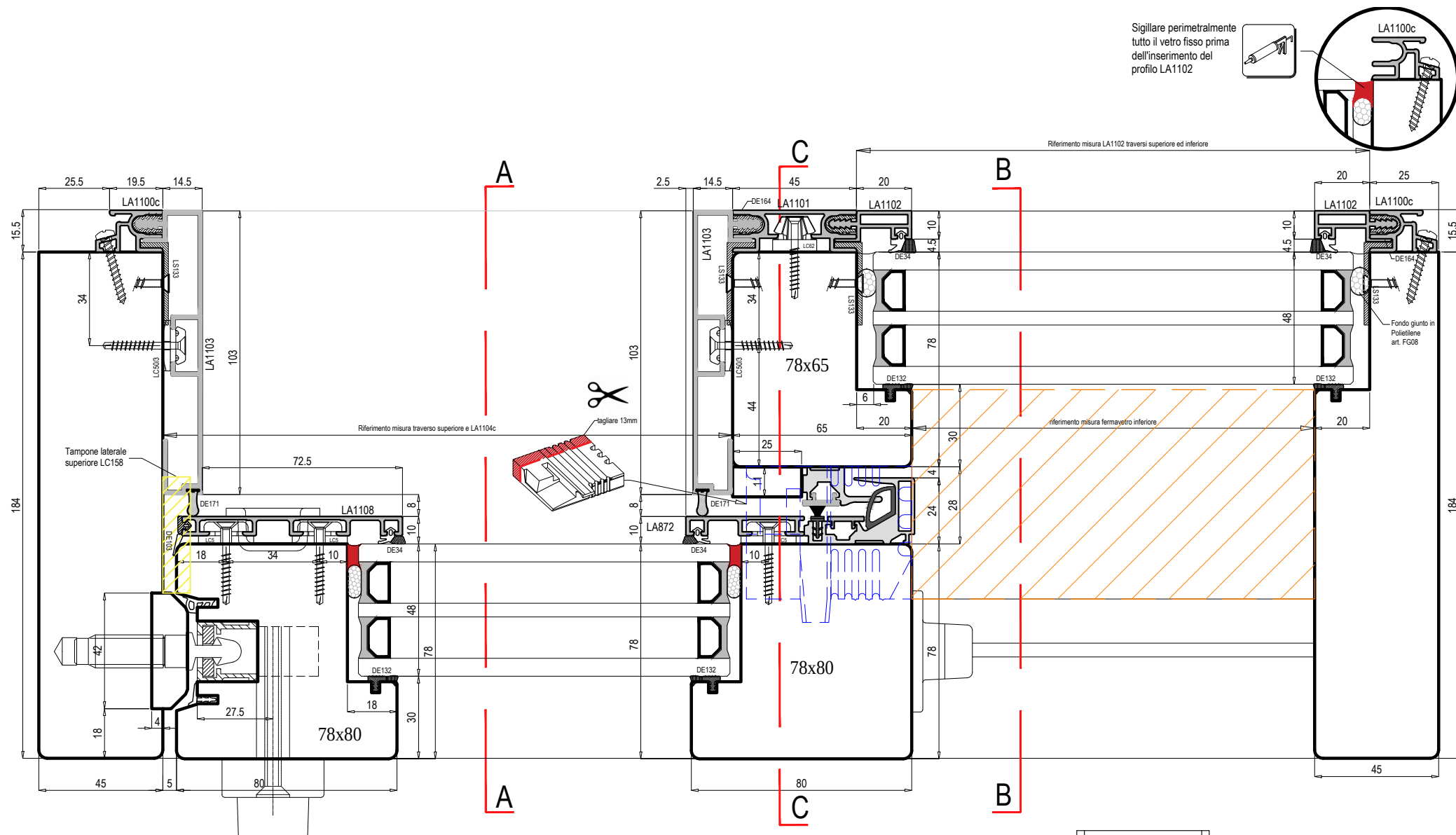
- (IT) Sezione verticale serramento alzante scorrevole
- (DE) Vertikalschnitt Hebe-Schiebe-Tür
- (ES) Sección vertical corredera elevadora
- (FR) Coupe verticale fenêtre levante-coulissante
- (UK) Vertical section of sliding window-door

AGB

HS Slim - 78x80mm
HS Slim system - 78x80mm

uniform
sistemi per serramenti





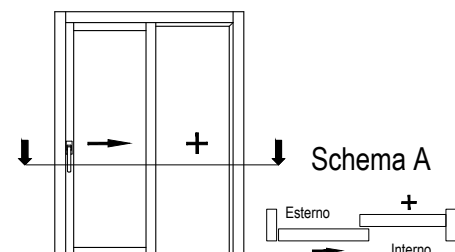
HS Slim 78x80mm

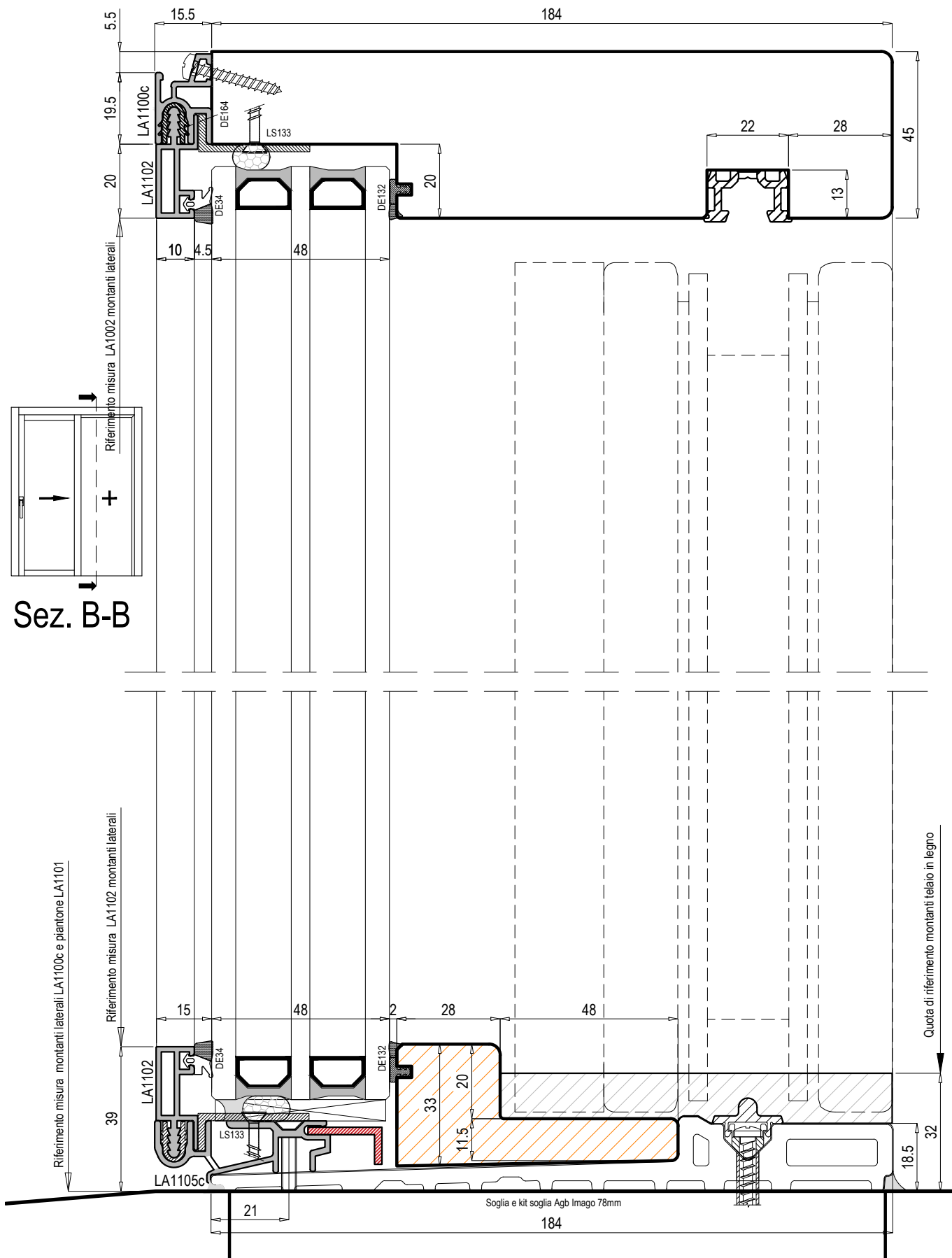
uniform

Zoom 52%

- (IT) Sezione orizzontale serramento alzante scorrevole
- (DE) Horizontalschnitt Hebe-Schiebe-Tür
- (ES) Sección horizontal corredera elevadora
- (FR) Coupe horizontale fenêtre levante-coulissante
- (UK) Horizontal section of sliding window-door

AGB





HS Slim 78x80mm

uniform

Zoom 70%

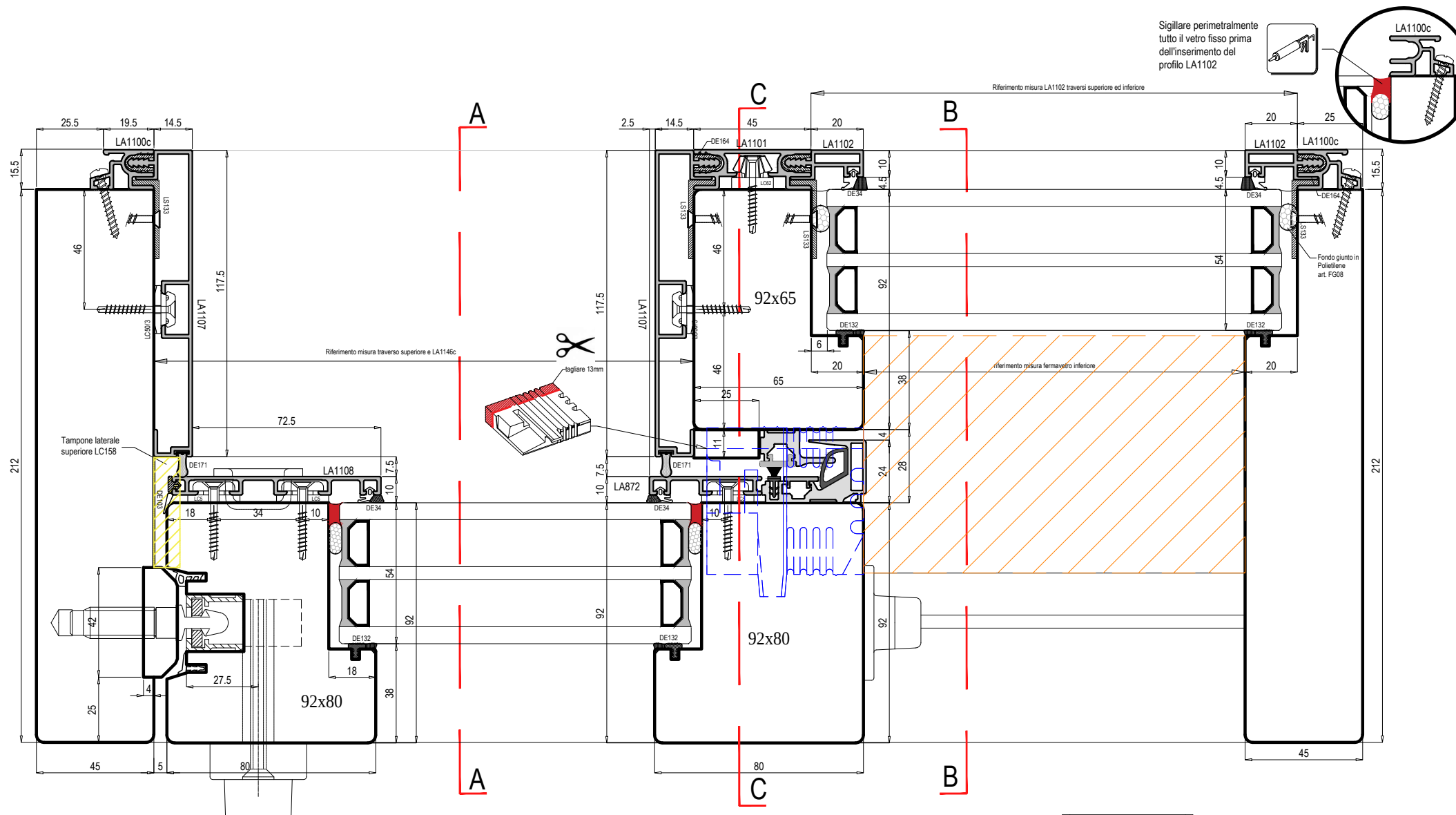
- (IT) Sezione verticale serramento alzante scorrevole
- (DE) Vertikalschnitt Hebe-Schiebe-Tür
- (ES) Sección vertical corredera elevadora
- (FR) Coupe verticale fenêtre levante-coulissante
- (UK) Vertical section of sliding window-door

AGB

HS Slim - 92x80mm
HS Slim system - 92x80mm

uniform
sistemi per serramenti





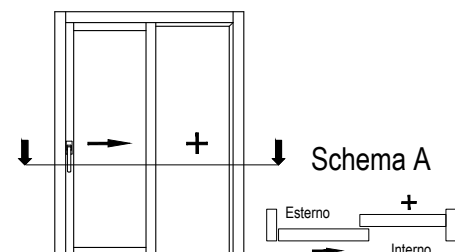
HS Slim 92x80mm

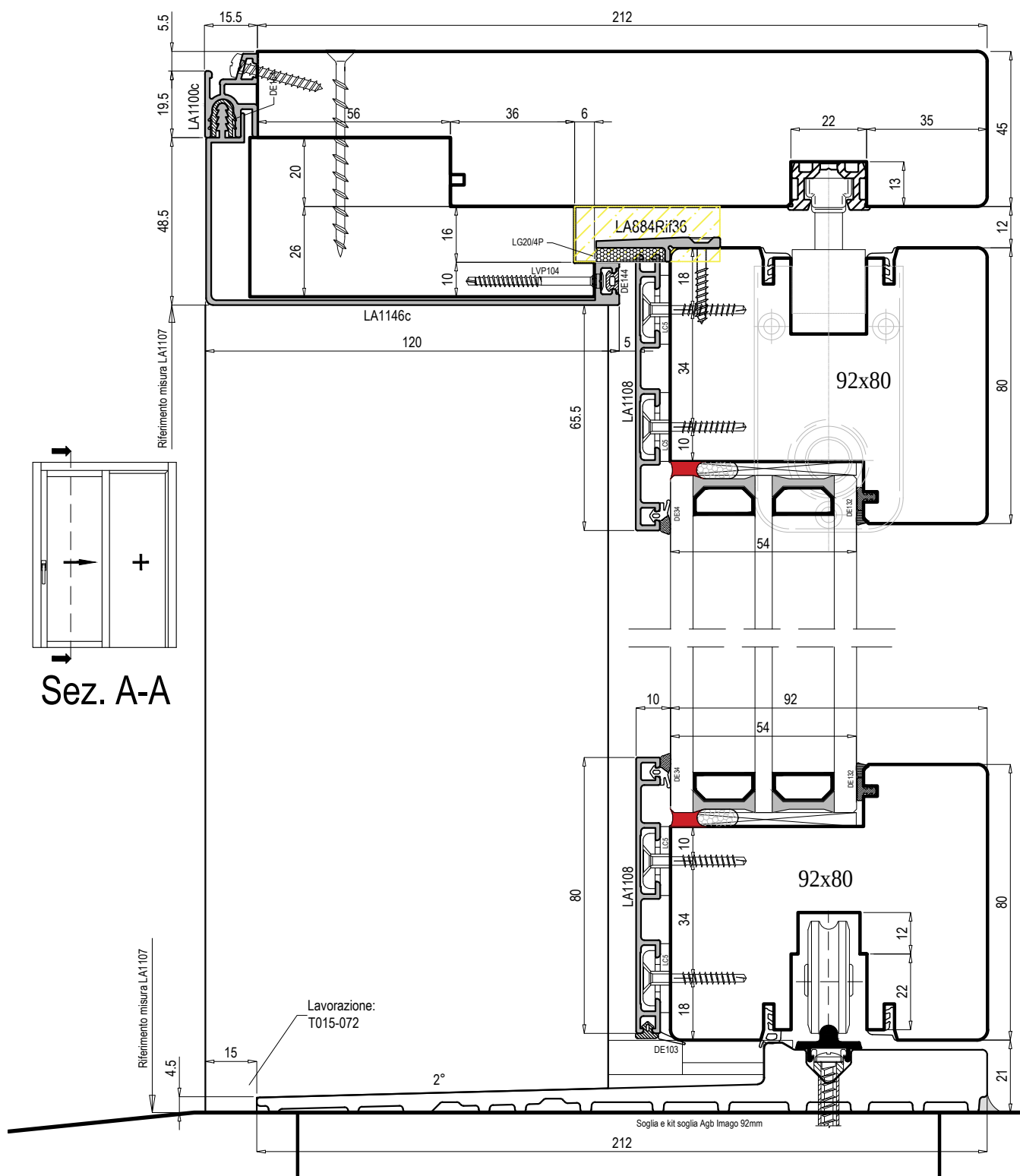
uniform

Zoom 52%

- (IT) Sezione orizzontale serramento alzante scorrevole
- (DE) Horizontalschnitt Hebe-Schiebe-Tür
- (ES) Sección horizontal corredera elevadora
- (FR) Coupe horizontale fenêtre levante-coulissante
- (UK) Horizontal section of sliding window-door

AGB



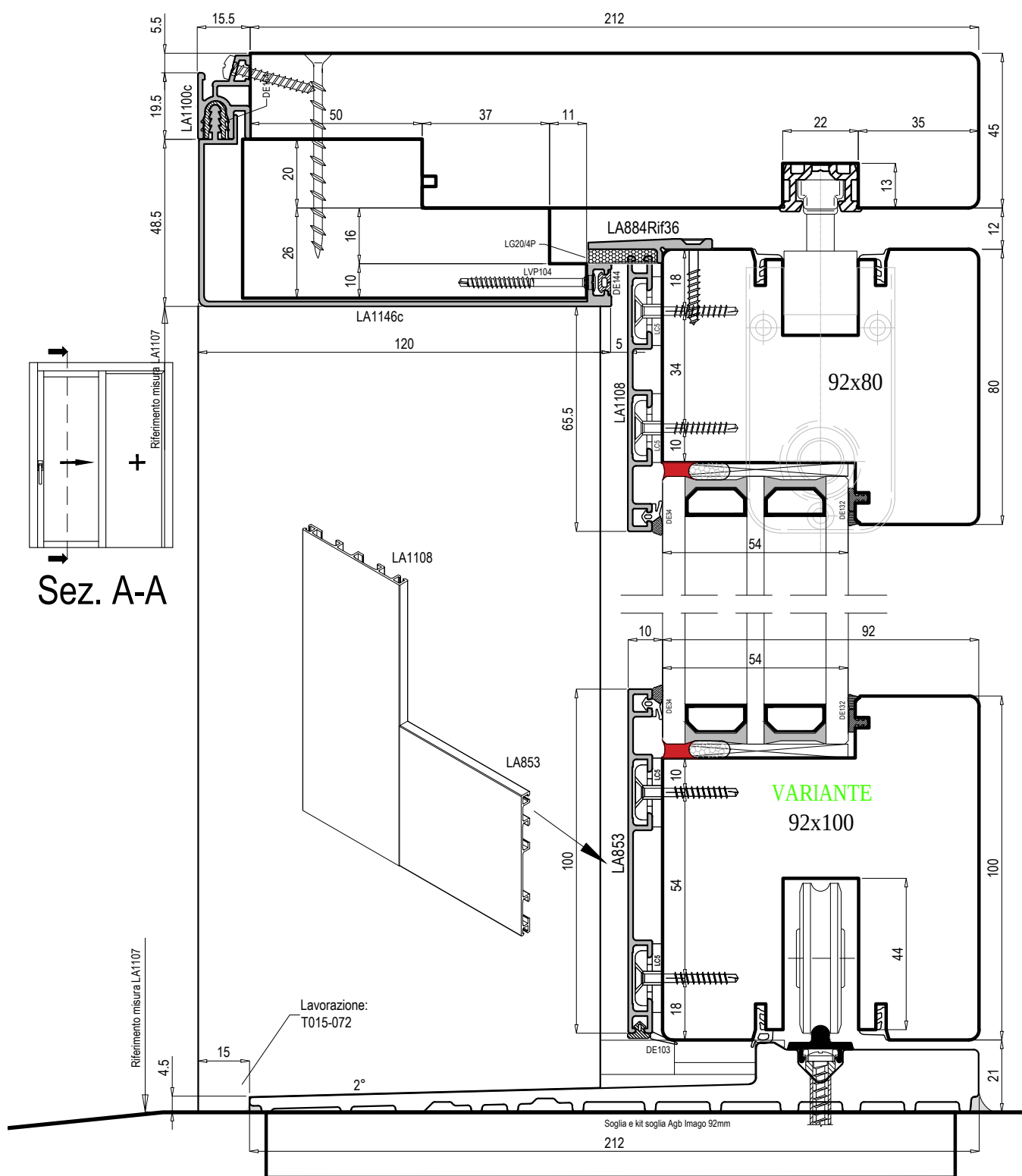


HS Slim 92x80mm

uniform

Zoom 60%

- IT Sezione verticale serramento alzante scorrevole
- DE Vertikalschnitt Hebe-Schiebe-Tür
- ES Sección vertical corredera elevadora
- FR Coupe verticale fenêtre levante-coulissante
- UK Vertical section of sliding window-door

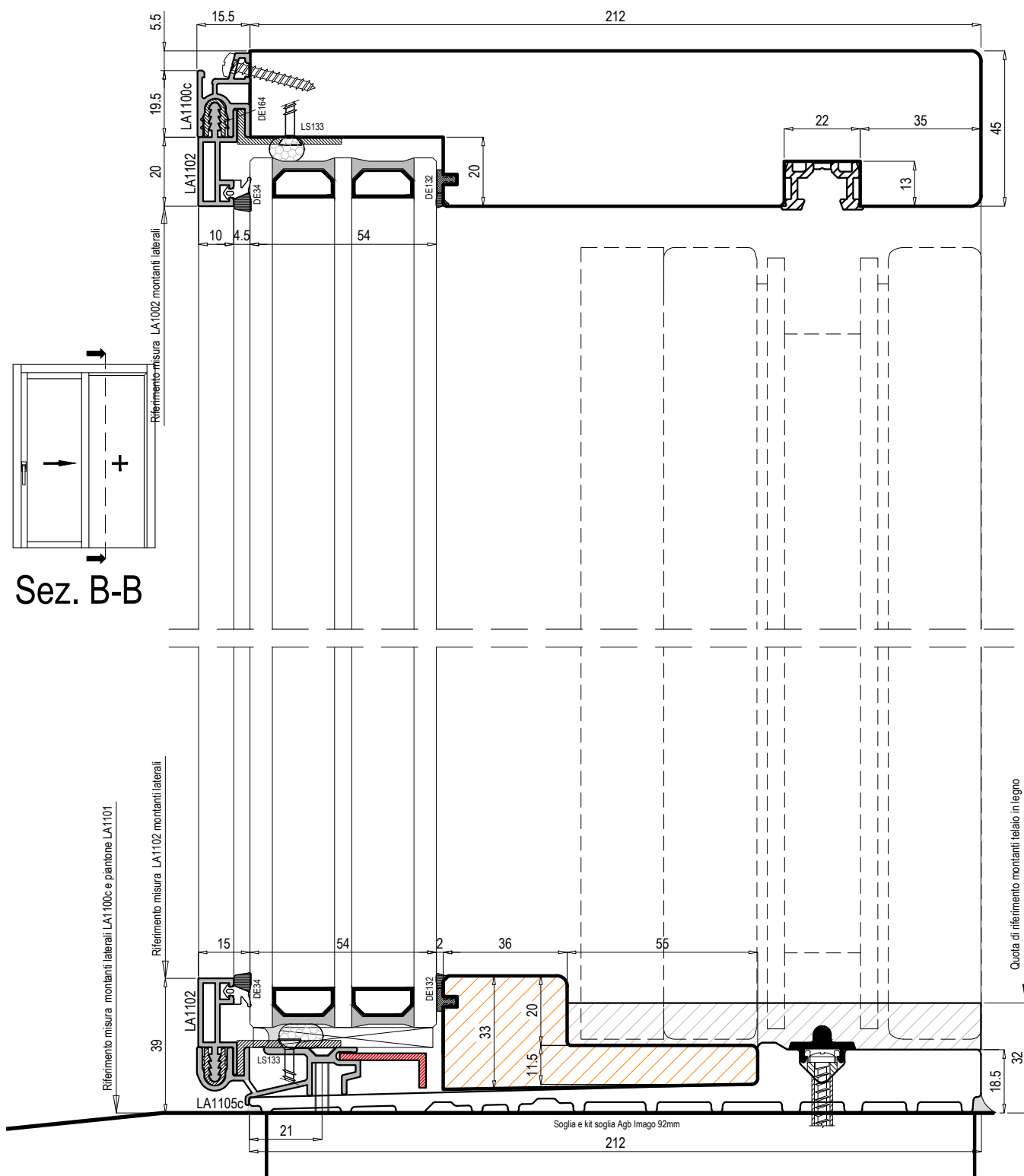


HS Slim 92x80mm

uniform

Zoom 60%

- (IT) Sezione verticale serramento alzante scorrevole
- (DE) Vertikalschnitt Hebe-Schiebe-Tür
- (ES) Sección vertical corredera elevadora
- (FR) Coupe verticale fenêtre levante-coulissante
- (UK) Vertical section of sliding window-door



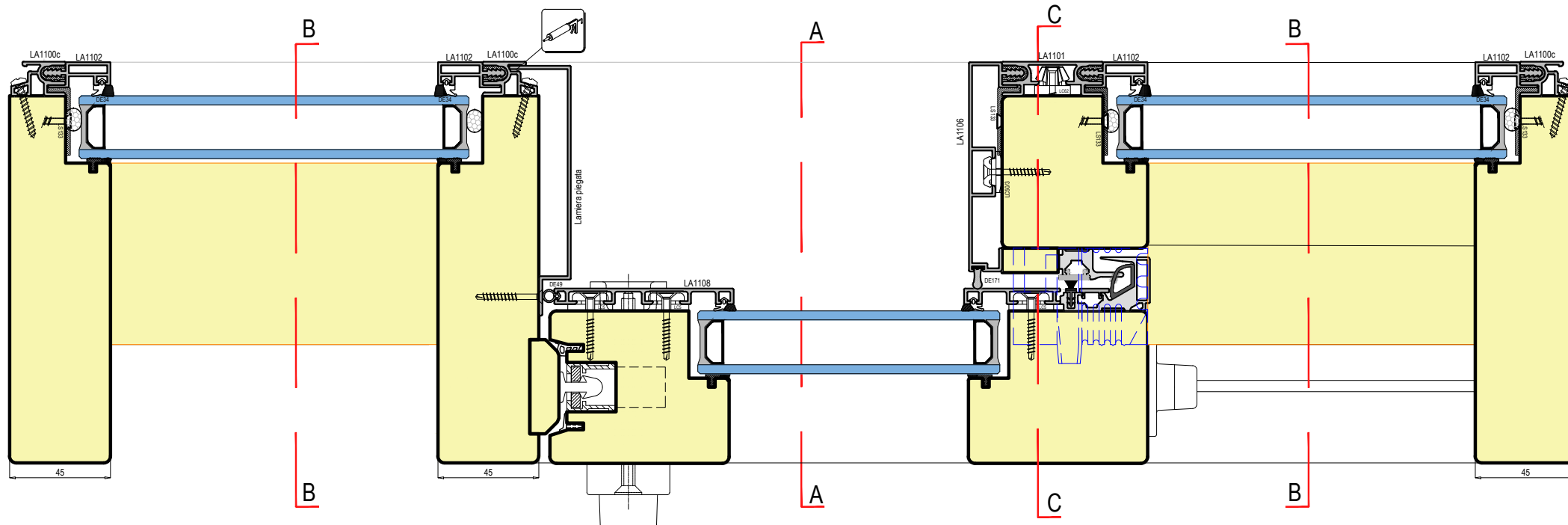
HS Slim 92x80mm

uniform

Zoom 60%

- (IT) Sezione verticale serramento alzante scorrevole
- (DE) Vertikalschnitt Hebe-Schiebe-Tür
- (ES) Sección vertical corredera elevadora
- (FR) Coupe verticale fenêtre levante-coulissante
- (UK) Vertical section of sliding window-door

AGB



HS Slim

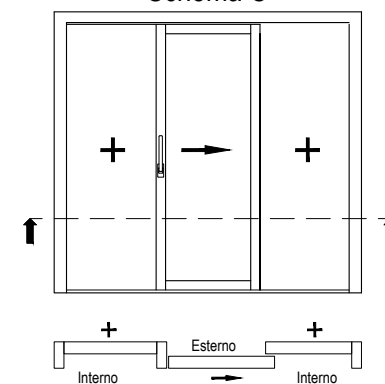
uniform

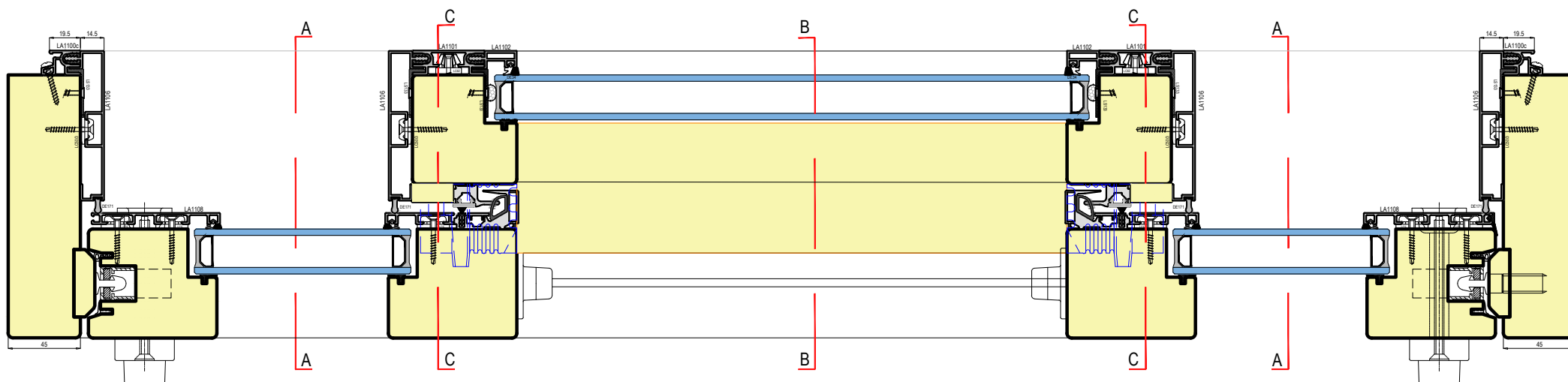
Zoom -

- (IT) Sezione orizzontale serramento alzante scorrevole
- (DE) Horizontalschnitt Hebe-Schiebe-Tür
- (ES) Sección horizontal corredera elevadora
- (FR) Coupe horizontale fenêtre levante-coulissante
- (UK) Horizontal section of sliding window-door

AGB

Schema C





HS Slim

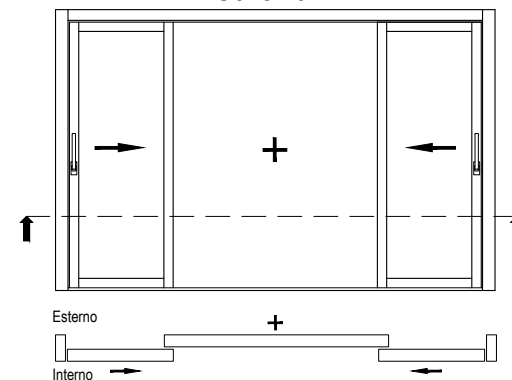
uniform

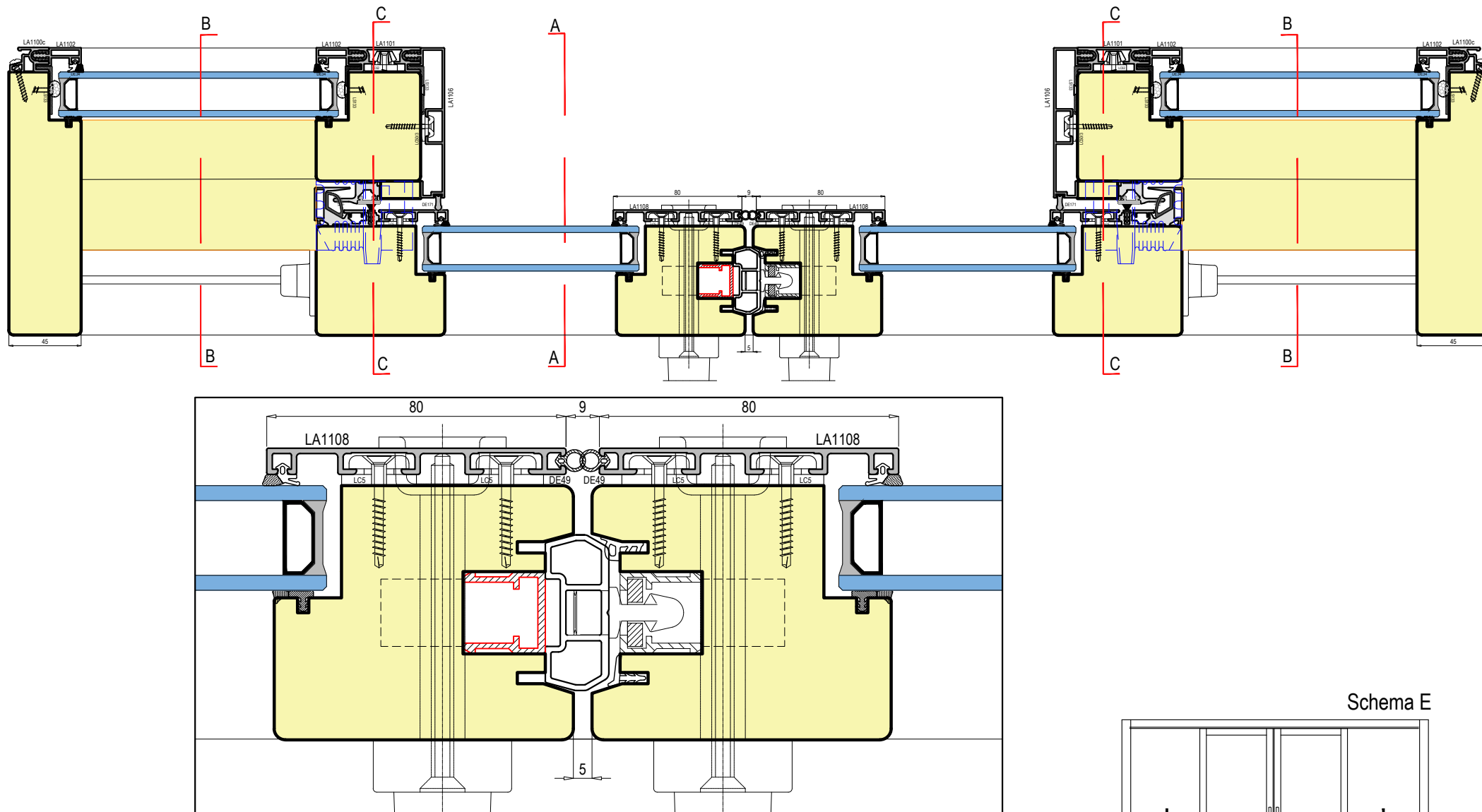
Zoom -

- (IT) Sezione orizzontale serramento alzante scorrevole
- (DE) Horizontalschnitt Hebe-Schiebe-Tür
- (ES) Sección horizontal corredera elevadora
- (FR) Coupe horizontale fenêtre levante-coulissante
- (UK) Horizontal section of sliding window-door



Schema D





HS Slim

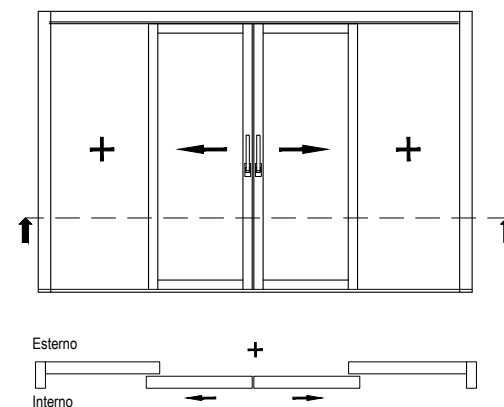
uniform

Zoom -

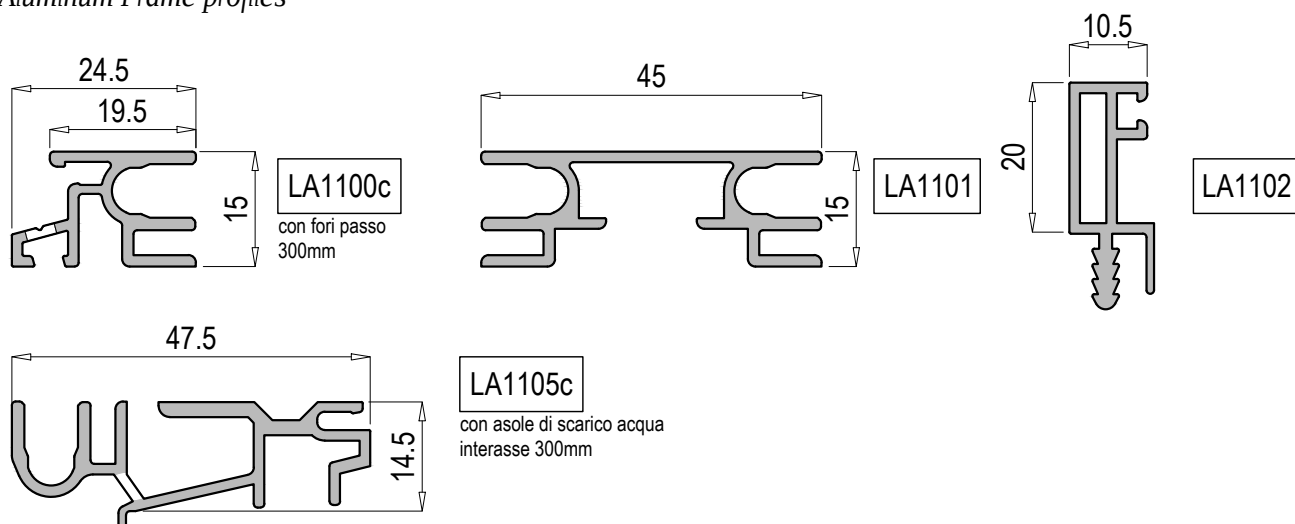
- (IT) Sezione orizzontale serramento alzante scorrevole
- (DE) Horizontalschnitt Hebe-Schiebe-Tür
- (ES) Sección horizontal corredera elevadora
- (FR) Coupe horizontale fenêtre levante-coulissante
- (UK) Horizontal section of sliding window-door

AGB

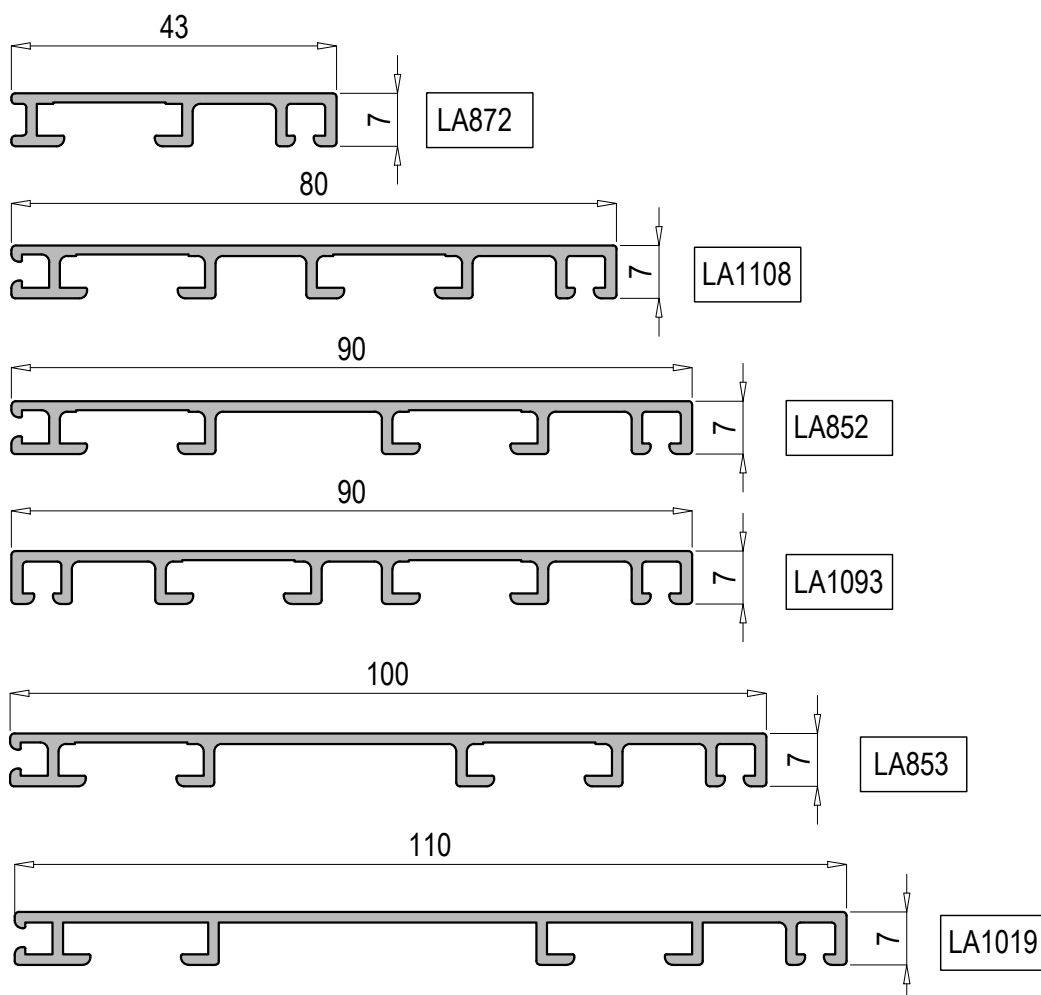
Schema E



Profili alluminio telaio
Aluminum Frame profiles



Profili alluminio anta
Aluminum sash profiles



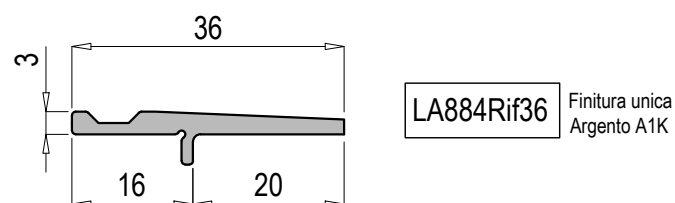
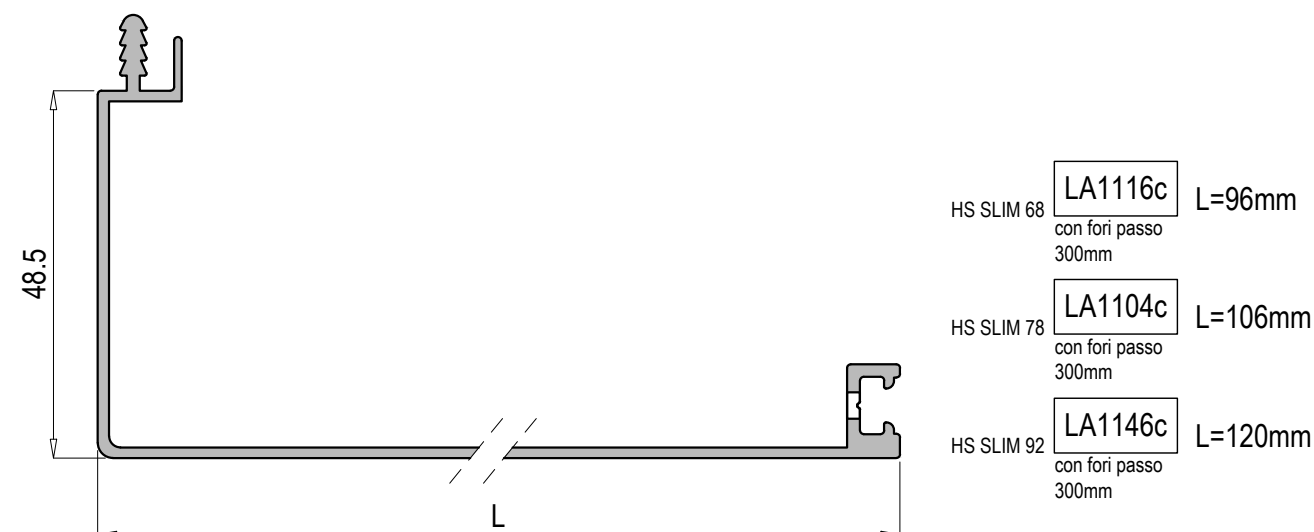
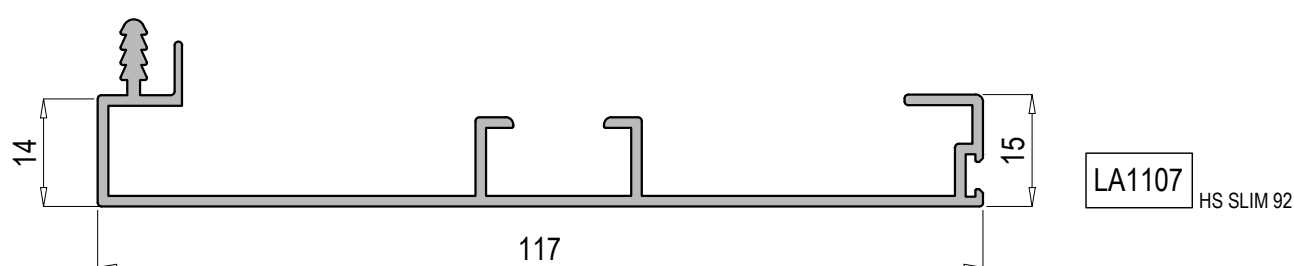
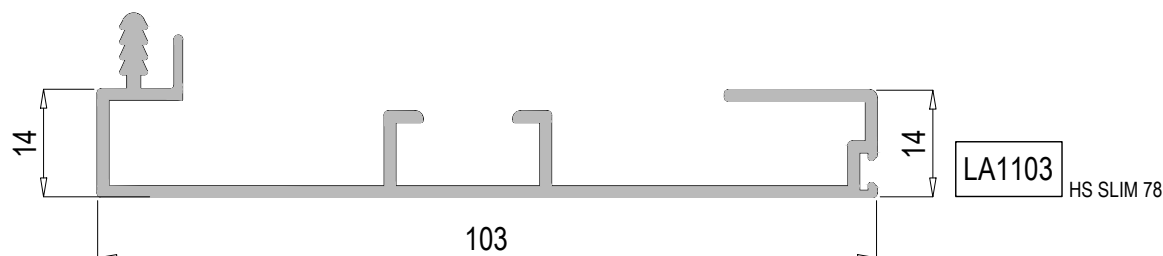
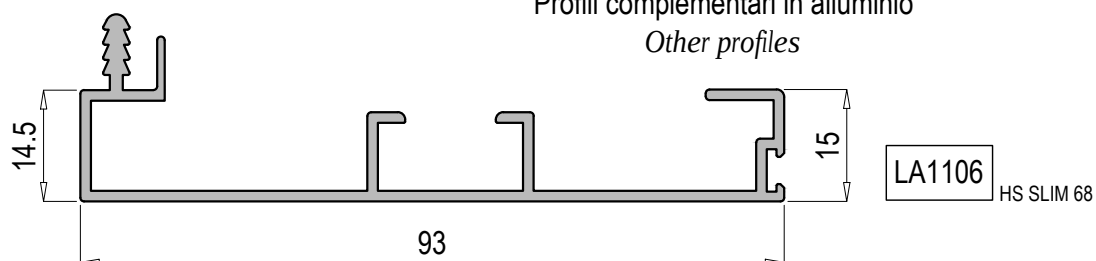
HS Slim

uniform 

Scala 1:1

- (IT) Profili in alluminio
- (DE) Aluprofil
- (ES) Perfiles en aluminio
- (FR) Profils du aluminium
- (UK) Aluminium profiles

Profili complementari in alluminio
Other profiles

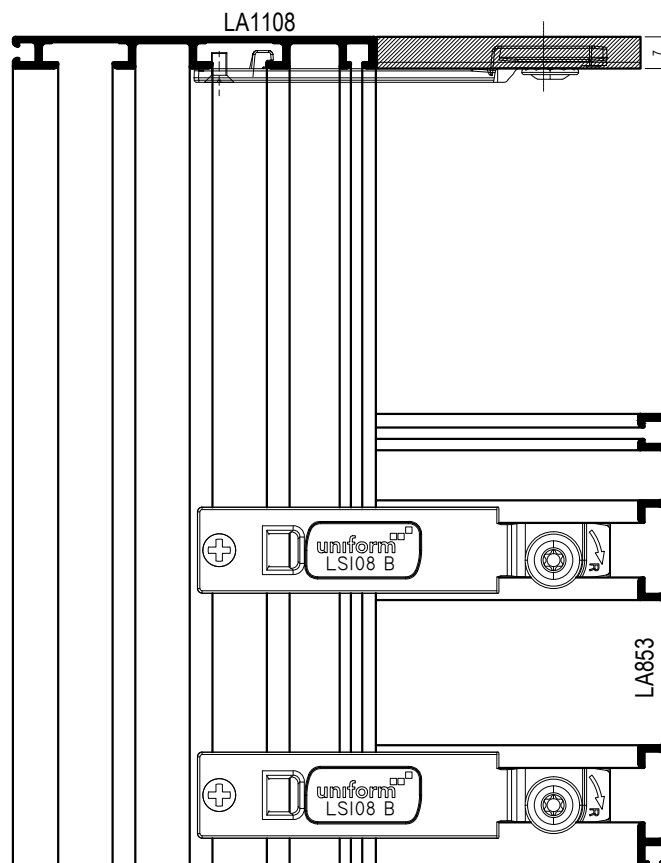
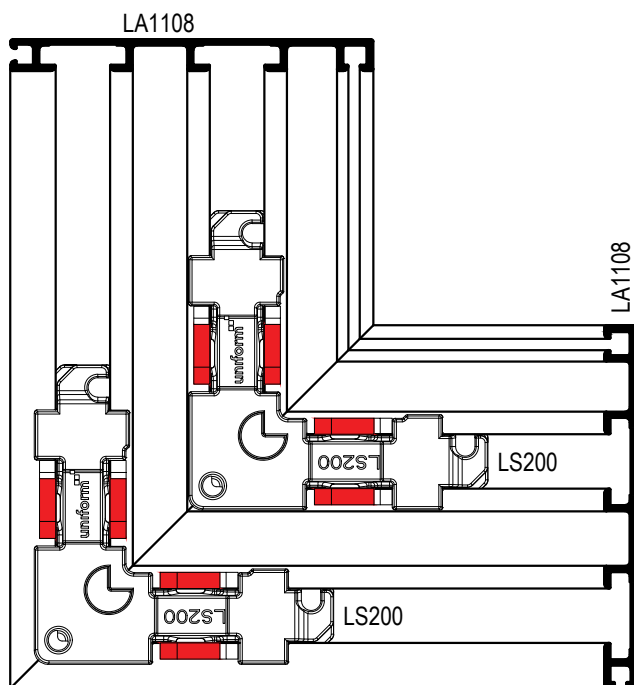


HS Slim

uniform

Scala 1:1

- IT Profili in alluminio
- DE Aluprofil
- ES Perfiles en aluminio
- FR Profils du aluminium
- UK Aluminium profiles



Profilo / Profile	Cianfrinatrice / Crimping machine	Slitta / Sledge	Supporti banco/ Supports	Supporto slitta / Support of the sledge	Portapunzoni / Punches platform	Punzoni / Punches	Spessore superiore / Upper spacer	Squadretta 1 / Joint 1	Tipo / Type	Squadretta 2 / Joint 2	Tipo / Type	Squadretta 3 / Joint 3	Tipo / Type	Squadretta 4 / Joint 4	Tipo / Type	Squadretta a vite per 45° (in sostituzione sq. Tipo "C") / Screwable joint for 45° corners (replacing type "C" joints)	Squadretta a vite per fuorisquadra (in sostituzione sq. Tipo "C") / Screwable joint for oblique corners (replacing type "C" joints)
LA852	LACV-98	LAC SL15	IN DOTAZIONE	-	MVX42603	LAPZ33	-	LS200	C	LS200	C	-	-	-	-	LS119	LS96
LA853	LACV-98	LAC SL15	IN DOTAZIONE	-	MVX42603	LAPZ33	-	LS200	C	LS200	C	-	-	-	-	LS119	LS96
LA872	LACV-98	LAC SL15	IN DOTAZIONE	-	MVX42603	LAPZ33	-	LS200	C	-	-	-	-	-	-	LS119	LS96
LA1019	LACV-98	LAC SL15	IN DOTAZIONE	-	MVX42603	LAPZ33	-	LS200	C	LS200	C	-	-	-	-	LS119	LS96
LA1093	LACV-98	LAC SL15	IN DOTAZIONE	-	MVX42603	LAPZ33	-	LS200	C	LS200	C	-	-	-	-	LS119	LS96
LA1108	LACV-98	LAC SL15	IN DOTAZIONE	-	MVX42603	LAPZ33	-	LS200	C	LS200	C	-	-	-	-	LS119	LS96

HS Slim

uniform

Scala 0.6:1

- IT Profili in alluminio
- DE Aluprofil
- ES Perfiles en aluminio
- FR Profils du aluminium
- UK Aluminium profiles

Schema di taglio profili telaio



Tutti i profili vengono forniti smontati e tagliati a misura
Non sono previste squadrette per l'assemblaggio del telaio

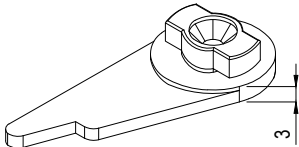
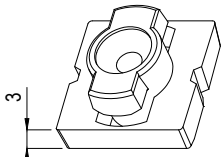
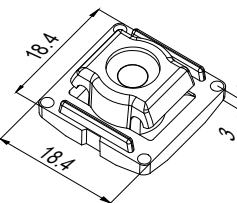
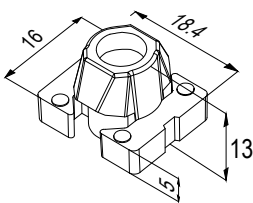
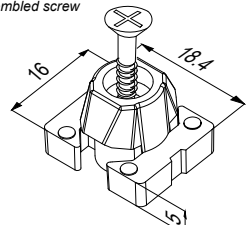
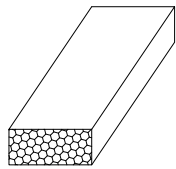
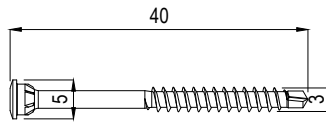
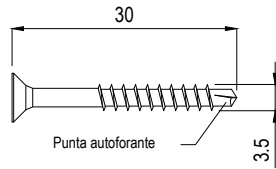


HS Slim

uniform

Scala -

- IT Profili in alluminio
- DE Aluprofil
- ES Perfiles en aluminio
- FR Profils du aluminium
- UK Aluminium profiles

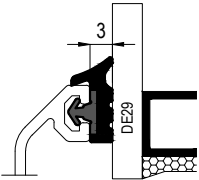
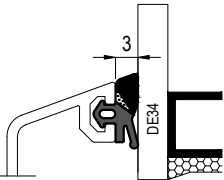
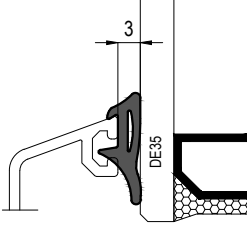
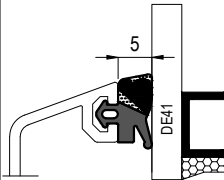
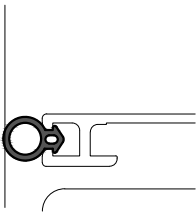
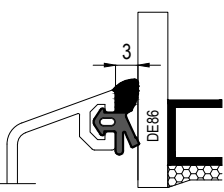
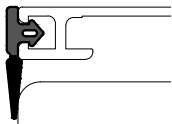
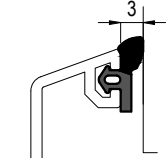
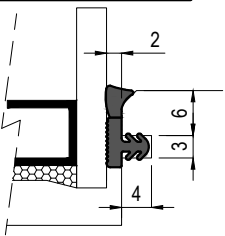
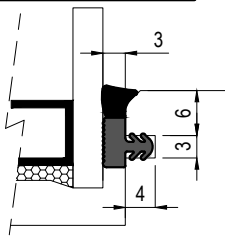
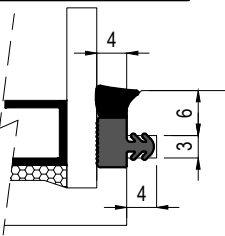
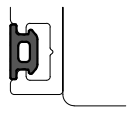
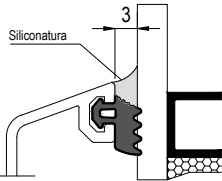
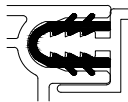
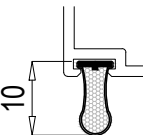
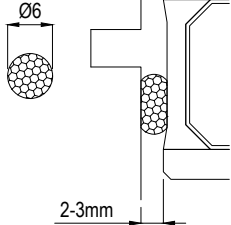
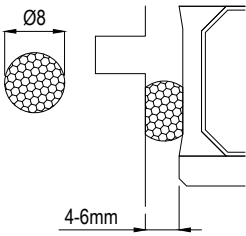
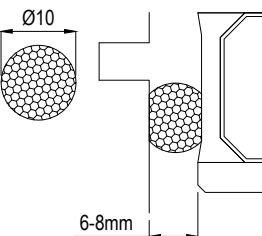
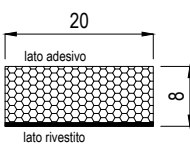
LC5  Confezione/Package: 100 pz. Materiale/Material: Nylon Colore/Colour: Nero/Black Clip a vite girevole/Pivot clip	LC26/3  Confezione/Package: 300 pz. Materiale/Material: POM Colore/Colour: Nero/Black Clip a vite girevole/Pivot clip	LC50/3  Confezione/Package: 300 pz. Materiale/Material: Resina Acetalica Colore/Colour: Bianco/White Clip a scatto/Snap clip	LC62  Confezione/Package: 300 pz. 5000 pz. Materiale/Material: Resina Acetalica Colore/Colour: Nero/Black Clip a scatto/Snap clip
LC62-V  Confezione/Package: 300 pz. 1000 pz. vite pre-montata assembled screw Materiale/Material: Resina Acetalica Colore/Colour: Nero/Black Clip a scatto/Snap clip	LC158  Confezione/Package: 50 pz. Materiale/Material: Neoprene Colore/Colour: Nero/Black Terminale superiore/End caps		
LVP104  Confezione/Package: 500 pz. Materiale/Material: Acciaio zincato/Steel Colore/Colour: Inox Vite 3x40mm testa autof. svasata piana/ 3x40mm Screw	LVP106  Confezione/Package: 500 pz. 1000 pz. Materiale/Material: Acciaio zincato/Steel Colore/Colour: Inox Vite 3.5x30mm testa svasata piana autoforante/ 3.5x30mm Screw		

HS Slim

uniform

Scala -

- IT Clips di fissaggio e accessori
- DE Befestigungsklips und Zubehör
- ES Clips de fijación y accesorios
- FR Clips de fixation et accessoires
- UK Fixing clips and spare-parts

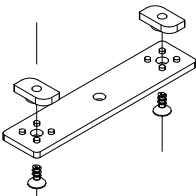
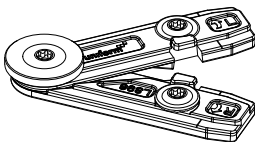
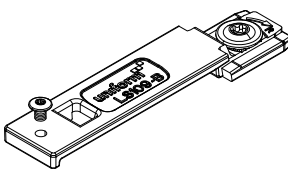
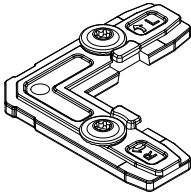
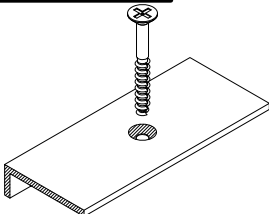
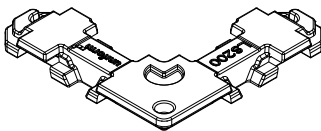
DE29  Confezione/Package: 200 mt. Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black	DE34  Confezione/Package: 200 mt. Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black	DE35  Confezione/Package: 200 mt. 400 mt. Materiale/Material: EPDM Colore/Colour: Nero/Black	DE41  Confezione/Package: 200 mt. Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black
DE49  Confezione/Package: 200 mt. Materiale/Material: EPDM Colore/Colour: Nero/Black	DE86  Confezione/Package: 200 mt. Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black	DE103  Confezione/Package: 400 mt. Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black	DE117  Confezione/Package: 250 mt. Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black
DE132  Confezione/Package: 200 mt. Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black	DE133  Confezione/Package: 200 mt. Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black	DE134  Confezione/Package: 200 mt. Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black	DE144  Confezione/Package: 400 mt. Materiale/Material: EPDM Colore/Colour: Nero/Black
DE146  Confezione/Package: 250 mt. Materiale/Material: EPDM Colore/Colour: Nero/Black	DE164  Confezione/Package: 200 mt. Materiale/Material: EPDM Colore/Colour: Nero/Black	DE171  Confezione/Package: Materiale/Material: Polietilene espanso rivestito Colore/Colour: Nero/Black	FG06  Confezione/Package: Materiale/Material: Polietilene espanso Colore/Colour: Grigio/Gray
FG08  Confezione/Package: 900 mt. Materiale/Material: Polietilene espanso Colore/Colour: Grigio/Gray	FG10  Confezione/Package: 600 mt. Materiale/Material: Polietilene espanso Colore/Colour: Grigio/Gray	LG20/4P  Confezione/Package: Materiale/Material: Polietilene espanso Colore/Colour: Grigio/Gray	

HS Slim

uniform

Scala -

- IT Guarnizioni
- DE Dichtung
- ES Juntas
- FR Joints
- UK Gaskets

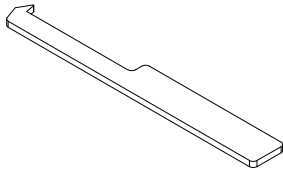
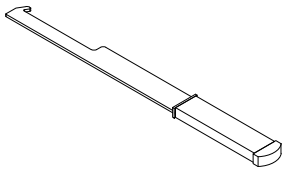
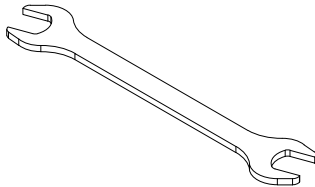
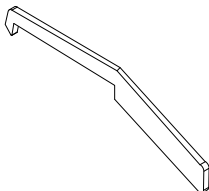
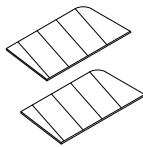
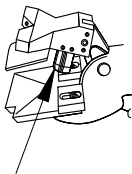
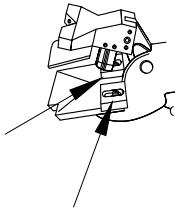
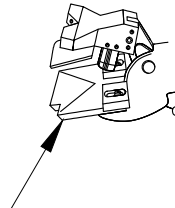
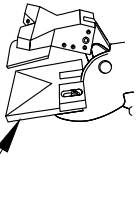
LS32 Confezione/Package: 50 pz.  Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener	LS96 Confezione/Package: 50 pz.  Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta angolo variabile/Adjustable angle joint	LS108B Confezione/Package: 250 pz.  Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener Aluminium	LS119 Confezione/Package: 250 pz.  Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio a vite degli angoli/ Corner joint to be screwed
LS133 Confezione/Package: 100 pz.  Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta rinforzo fissi/Reinforcement for fixed glazing	LS200 Confezione/Package: 50 pz. 200 pz.  Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta cianfrinatura degli angoli/ Corner joint to be crimping		

HS Slim

uniform 

Scala -

- (IT) Squadrette per assemblaggio profili in alluminio
- (DE) Eckwinkel für Verbindung von Aluminium Profile
- (ES) Escuadras para el ensamblaje de los perfiles en aluminio
- (FR) Equerres pour l'assemblage des profils en aluminium
- (UK) Squares for the assembly of aluminium profiles

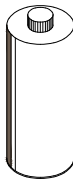
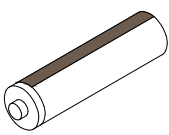
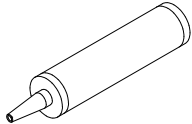
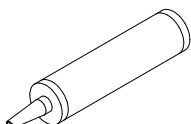
LD03  Materiale/Material: Acciaio/Steel Chiave per clips LC4-LC4/7-LC5-LC81/Wrench for pivot clips LC4-LC4/7-LC5-LC81	LD03A  Materiale/Material: Acciaio/Steel Chiave per clips LC4-LC4/7-LC5-LC81/Wrench for pivot clips LC4-LC4/7-LC5-LC81	LD04  Materiale/Material: Acciaio/Steel Rullino per montaggio guarnizioni/Gasket roller	LD13  Materiale/Material: Acciaio/Steel Chiave per clips LC26-LC50-LC62-LC80/Wrench for clips LC26-LC50-LC62-LC80
LD46  Materiale/Material: Acciaio/Steel Chiave per clips LC26-LC50-LC62-LC80/Wrench for clips LC26-LC50-LC62-LC80	LD62  Materiale/Material: Acciaio/Steel Chiave per smontaggio fermavetri/Wrench for glazing beads	LD66  Materiale/Material: Acciaio/Steel Chiave per clips/Wrench for LC4 clips	
LF1  Forbice per il taglio delle guarnizioni/Scissor for cutting the gaskets	LF2  Forbice per taglio a 45° delle guarnizioni/Scissor for cutting 45° the gaskets	LF2A  Coppia di lame per LF2 e LF4/Pair of blades for LF2 and LF4	LF2B  Inserto sagomato di ricambio per LF2/Upper blade for LF2
LF2C  Coppia di blocchetti di riscontro per LF2 e LF4/Template	LF2D  Base in Teflon di ricambio per LF2/Teflon support for LF2	LF4  Forbice per taglio a 45° delle guarnizioni sull'anta/Scissor for cutting 45° the gasket on the sash	LF4D  Base in Teflon di ricambio per LF4/Teflon support for LF4

HS Slim

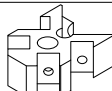
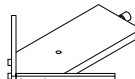
uniform

Scala -

- IT Accessori e attrezzature
- DE Zubehör und Werkzeuge
- ES Accesorios y utiles
- FR Accessoires et outillages
- UK Spare-parts and tools

ALUGLIT  Detergente per la pulizia dei profili in alluminio grezzi da 250ml/ <i>Raw aluminium profiles cleaner</i>	ALUGLIT PAINT  Detergente per la pulizia dei profili in alluminio verniciati da 250ml/ <i>Coated aluminium profiles cleaner</i>	LC-PRIMER86  Primer per alluminio/ <i>Aluminium Primer</i>	LC-RE  Colla cianoacrilica per l'incollaggio di guarnizioni in EPDM/ <i>Glue for EPDM gaskets</i>
LC-TENAX  Colla per l'assemblaggio dei profili in alluminio/ <i>Glue for the assembly of the aluminum profiles corners</i>	LCPROTEX  Anticorrosivo per alluminio/ <i>Anti-corrosive for aluminum</i>	SIGIL-N  Sigillante per profili in alluminio (colori scuri)/ <i>Sealant for aluminum profiles (dark colours)</i>	SIGIL-G  Sigillante per profili in alluminio (colori chiari)/ <i>Sealant for aluminum profiles (bright colours)</i>

LACV-98 CIANFRINATRICE PNEUMATICA VERTICALE
NOTA: Comprensiva del portapunzoni MVX42603, punzoni LAPZ33 (montanti) e della slitta LAC-SL15

Ricambi per LACV-98/ <i>Parts for LACV-98 punching machine</i>			
Punzoni <i>Punches</i>	MVX42603	Testa portapunzoni standard <i>standard punches-platform</i>	
	LAPZ33	Coppia punzoni H=33mm (set di 2pz) <i>pair of punches H=33mm</i>	
Slitte e supporti <i>Sledges, supports</i>	LAC-SL15	Slitta spessore 15mm <i>15mm thick sledge</i>	



HS Slim

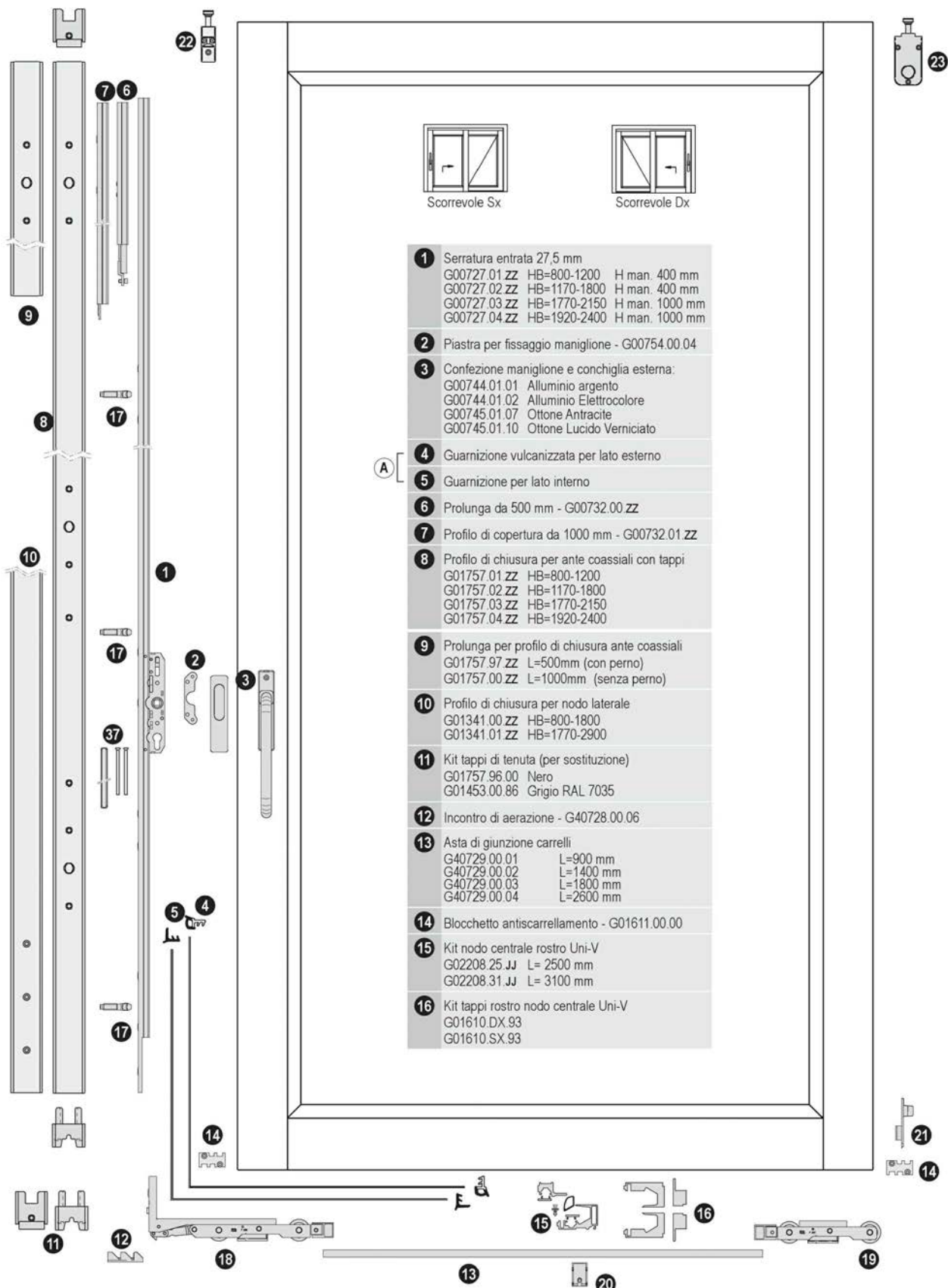
uniform

Scala -	IT Accessori e attrezzature DE Zubehör und Werkzeuge ES Accesorios y utiles FR Accessoires et outillages UK Spare-parts and tools
---------	--

Istruzioni di montaggio

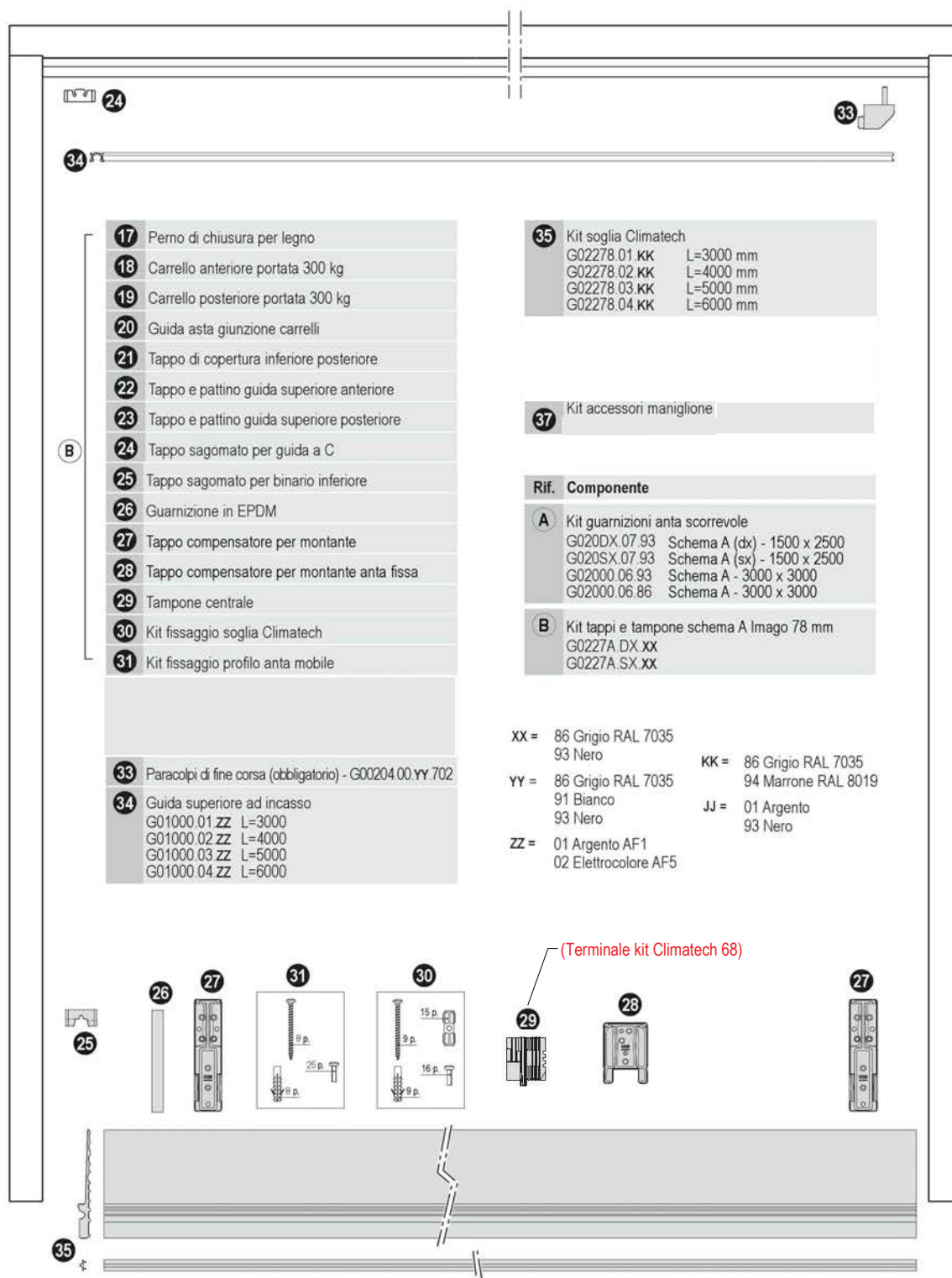


Schema ferramenta - Parte anta



AGB

Schema ferramenta - Parte telaio



Per l'assemblaggio sono necessarie le seguenti viti:

3,5x20mm	3,5x30mm	3,5x40mm	3,5x50mm	4,5x35mm	4,5x60mm	6x120mm
----------	----------	----------	----------	----------	----------	---------

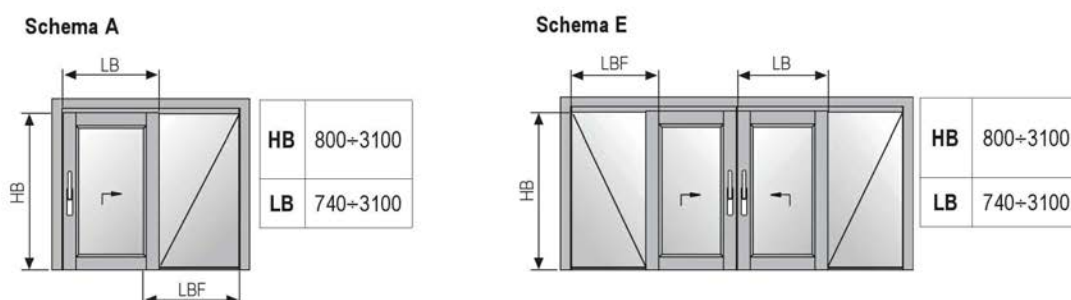
AGB

Legenda della simbologia e delle abbreviazioni

HB =	Altezza battente
LB =	Larghezza battente
MET =	Misura esterno telaio
SMT =	Spessore montante telaio
SMA =	Spessore montante anta
LBF =	Larghezza battente fisso
HET =	Altezza esterno telaio
H =	Altezza componente
L =	Lunghezza componente
● =	Cordolo di silicone neutro con Primer

N.B. Tutte le misure sono indicate in millimetri

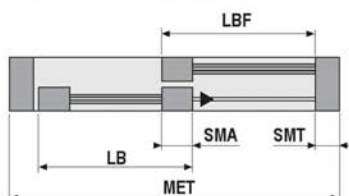
Limiti dimensionali



Calcolo della larghezza delle ante scorrevoli

Schema A

1 vetro fisso e 1 battente scorrevole



Con ante simmetriche

$$LB = [MET - (2 \times SMT)] : 2 + (SMA : 2) - 5$$

Es: $LB = [4000 - (2 \times 45)] : 2 + (74 : 2) - 5$

LB=1987 mm

Con ante asimmetriche

$$LB = MET - LBF - (2 \times SMT) - 5 + 74$$

Es: $LB = 4000 - 2500 - (2 \times 45) - 5 + 74$

LB=1479 mm

$$LBF = MET - LB - (2 \times SMT) - 5 + 74$$

Es: $LBF = 4000 - 1000 - (2 \times 45) - 5 + 74$

LB=2979 mm

Schema E

2 vetri fissi e 2 battenti scorrevoli



Con ante simmetriche

$$LB = [MET - (2 \times SMT + 5)] : 4 + SMA : 2$$

Es: $LB = [6000 - (2 \times 45 + 5)] : 4 + 74 : 2$

LB=1513 mm

Con ante asimmetriche

$$LB = [MET - (2 \times SMT + 5) - (2 \times LBF)] : 2 + SMA$$

Es: $LB = [6000 - (2 \times 45 + 5) - (2 \times 1500)] : 2 + 74$

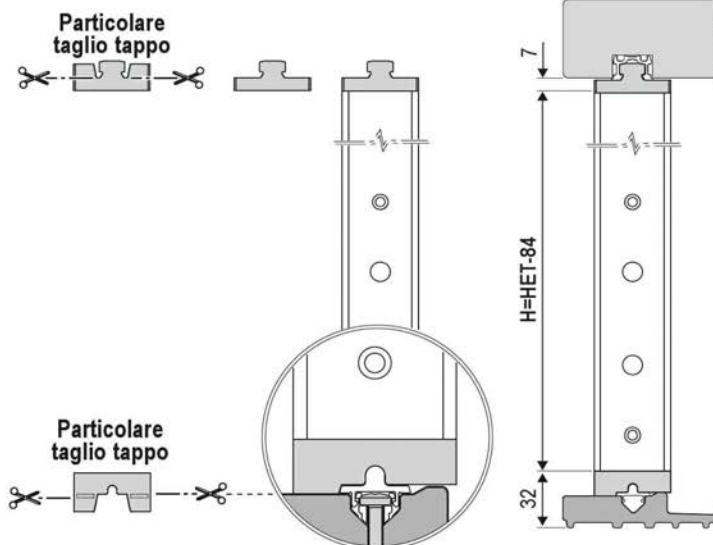
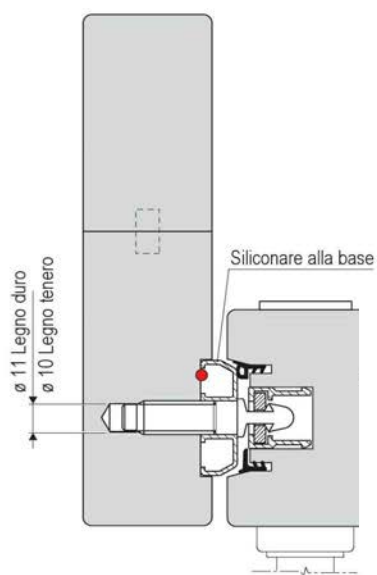
LB=1526 mm

$$LBF = [MET - (2 \times SMT + 5) - (2 \times LB)] : 2 + SMA$$

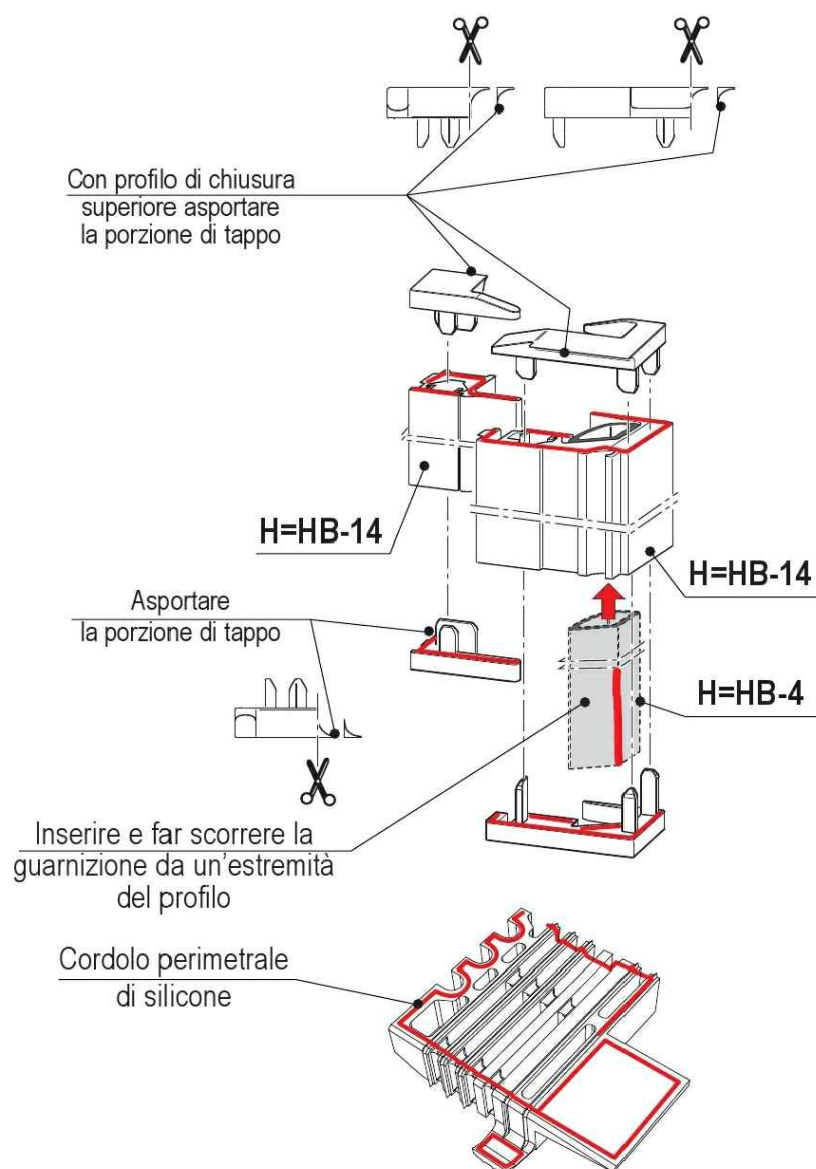
Es: $LBF = [6000 - (2 \times 45 + 5) - (2 \times 1700)] : 2 + 74$

LB=1326 mm



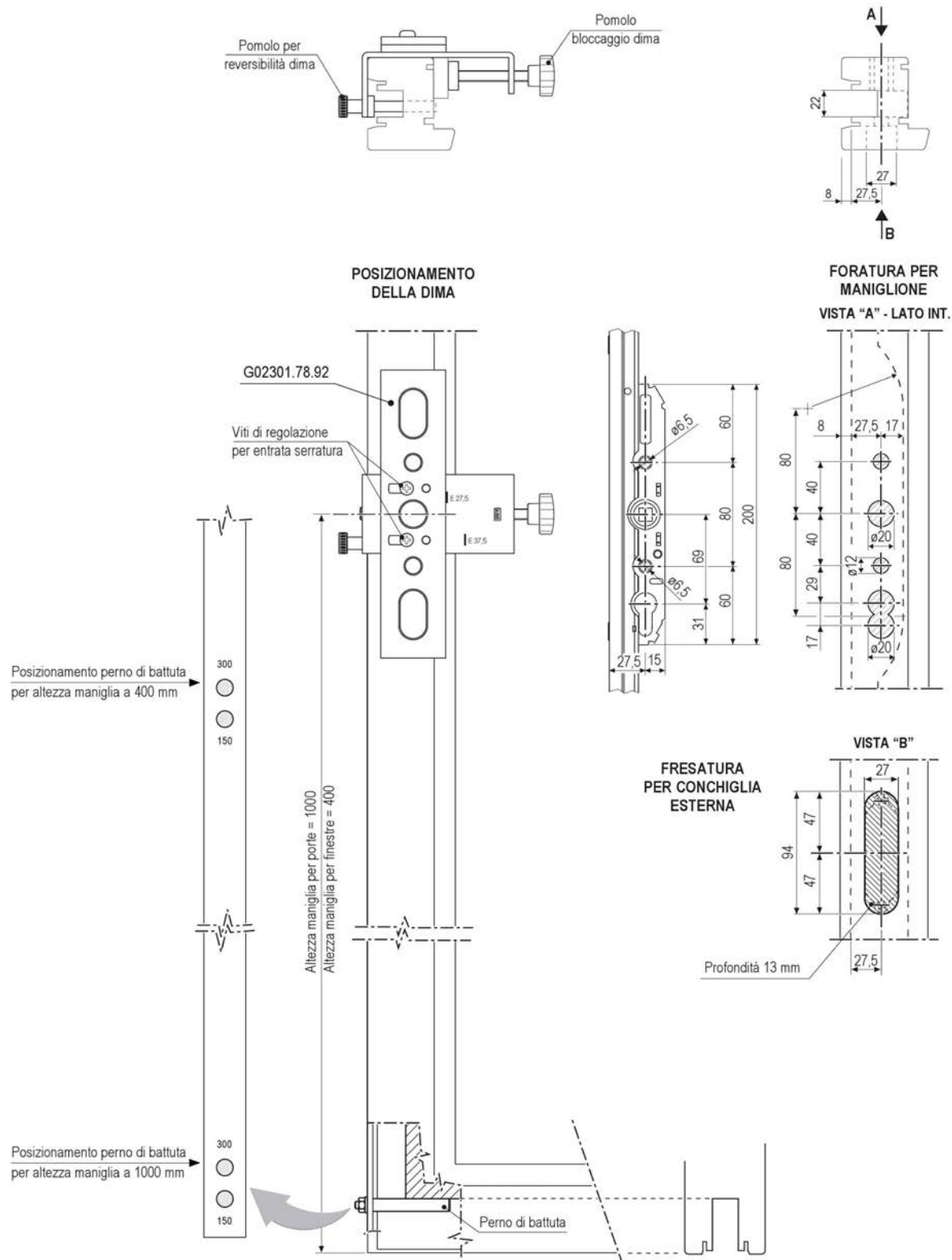


NODO Uni-V



AGB

Realizzazione fori serratura



AGB

Technical drawing of a window frame assembly, showing dimensions and installation details.

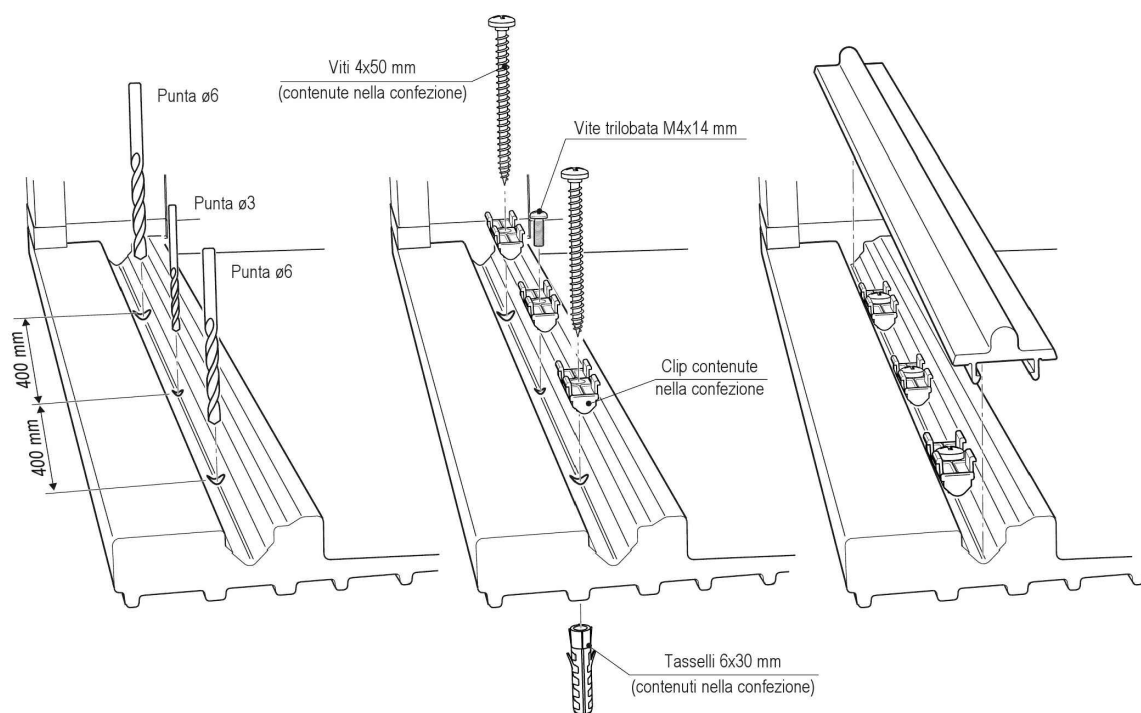
Dimensions:

- Overall height: $L = HB - 78$
- Top rail width: $\varnothing 8 \times 30$
- Top rail depth: 3.5×30
- Top rail mounting holes: 4.5×60
- Bottom rail width: 353
- Bottom rail depth: 183
- Bottom rail mounting holes: 4.5×35
- Bottom rail distance: 150
- Bottom rail distance: 111.5
- Bottom rail distance: 19

Installation Details:

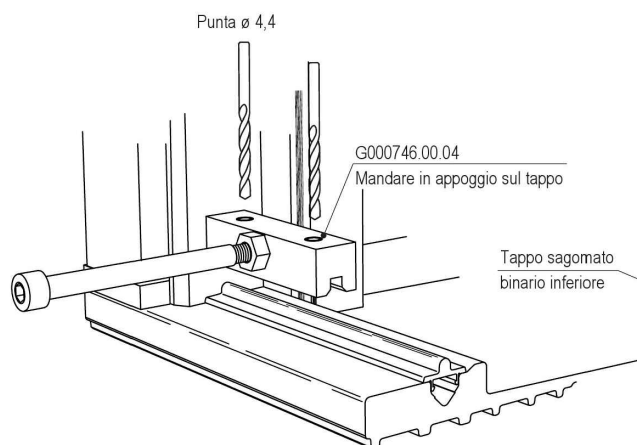
- PARTECOLARE APPLICAZIONE BLOCCHETTO ANTISCARRELLAMENTO** (da applicare prima del montaggio dell'anta)
- MONTAGGIO MANIGLIONE**
- Alternativa alla vaschetta**
- Siliconare il bordo della vaschetta**
- Viti M5x80 mm**
- L=LB-656** (con risultato inferiore o uguale a 100 mm utilizzare un'asta di lunghezza 100 mm)
- Solo per schema E**

Threshold fastening

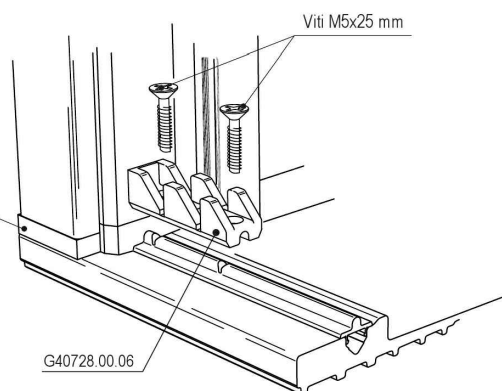


Applicazione incontro di aerazione

PARTICOLARE APPLICAZIONE
DIMA PER INCONTRO DI AERAZIONE

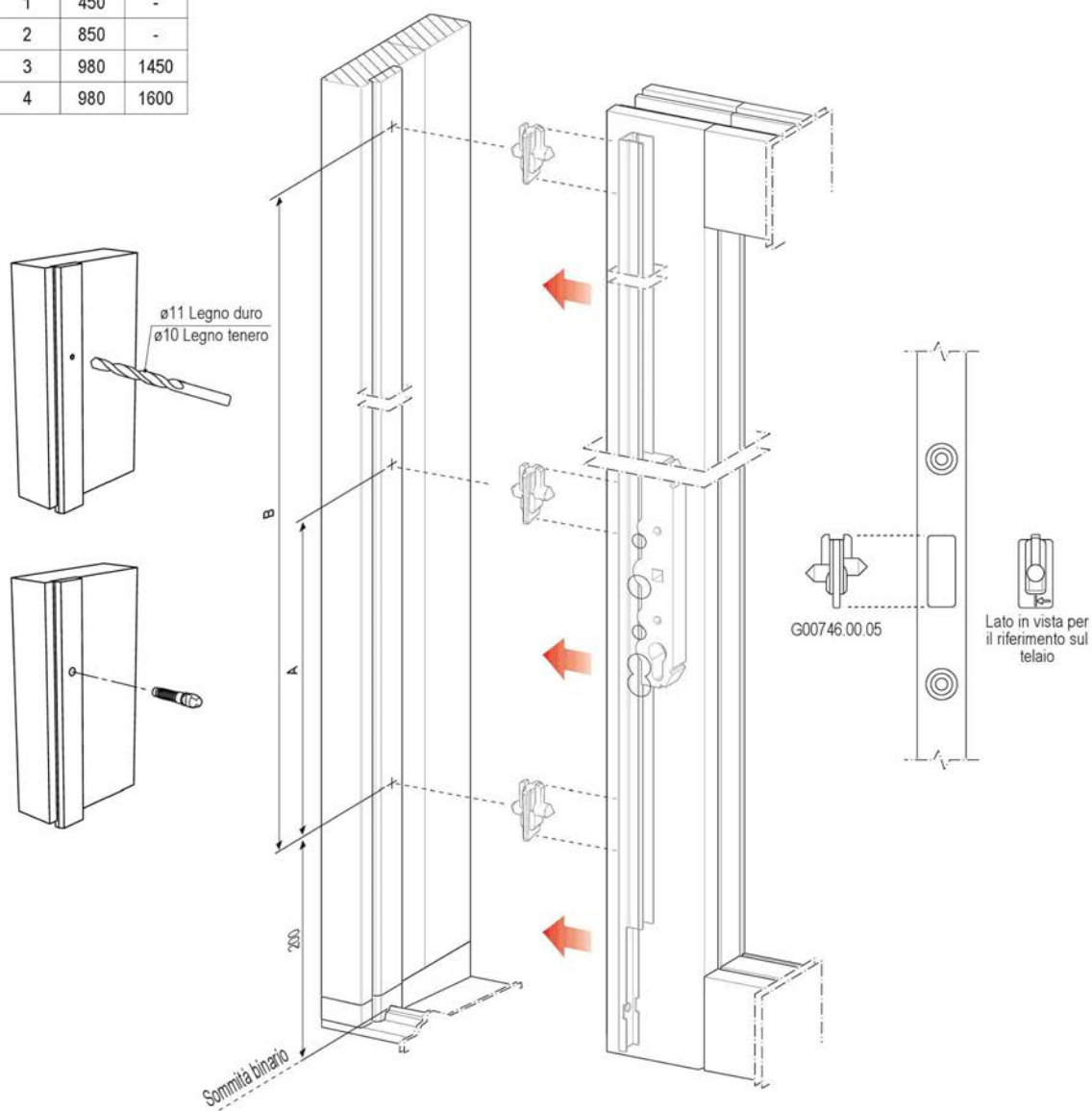


PARTICOLARE APPLICAZIONE
INCONTRO DI AERAZIONE



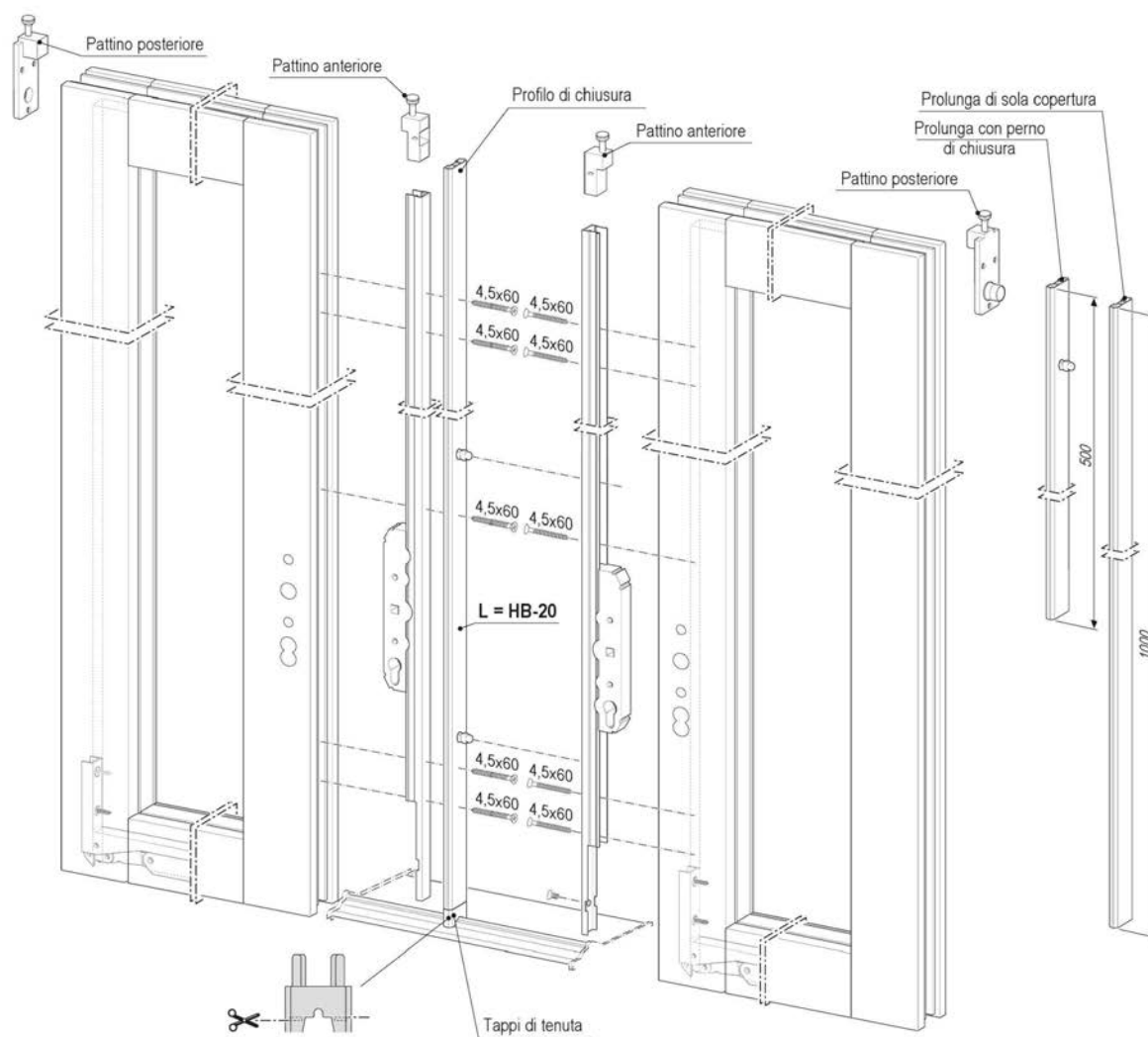
Montaggio perni di chiusura su profilo porta perni in legno

DISTANZE PERNI		
GR	A	B
1	450	-
2	850	-
3	980	1450
4	980	1600

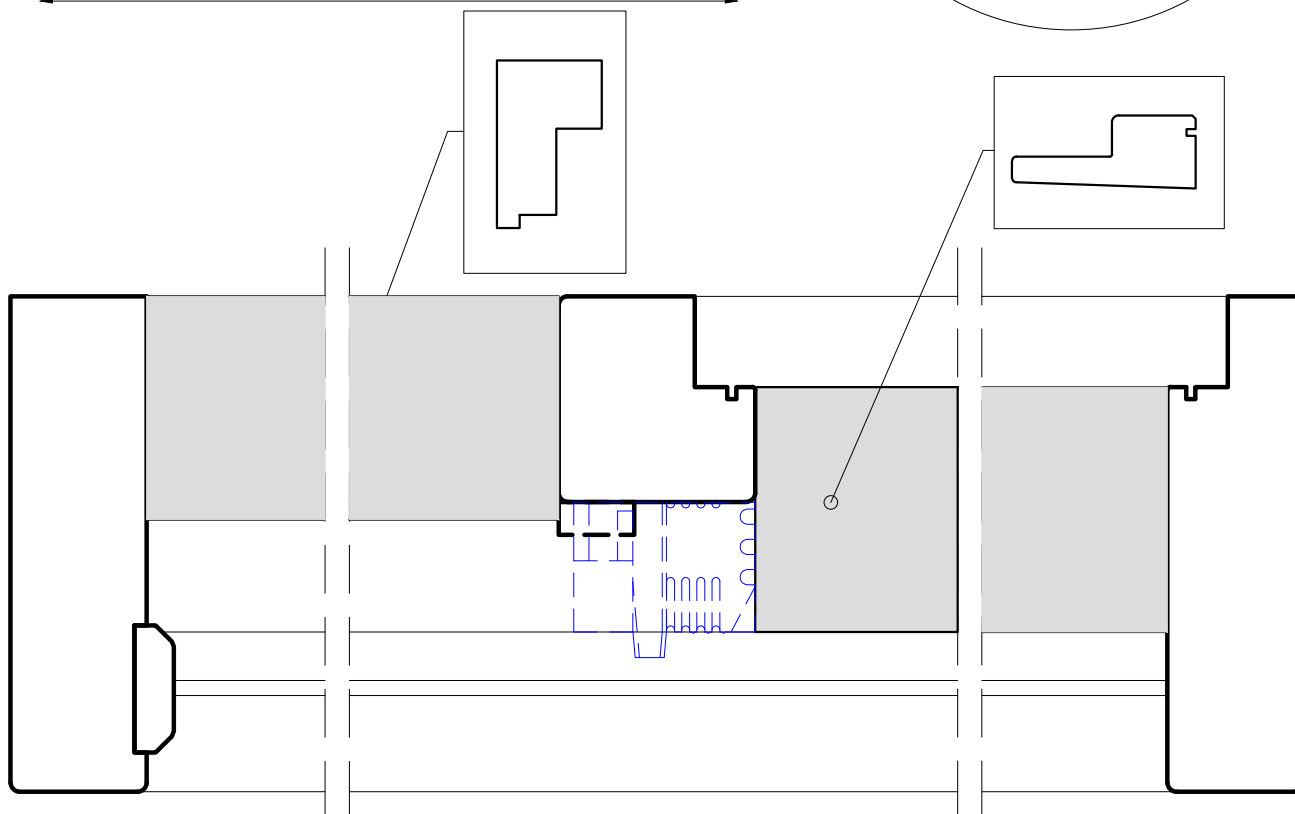
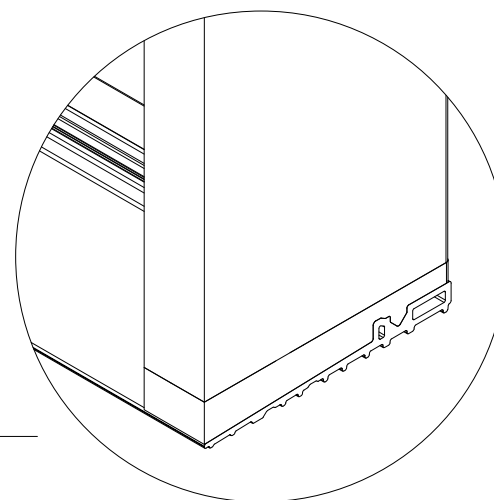
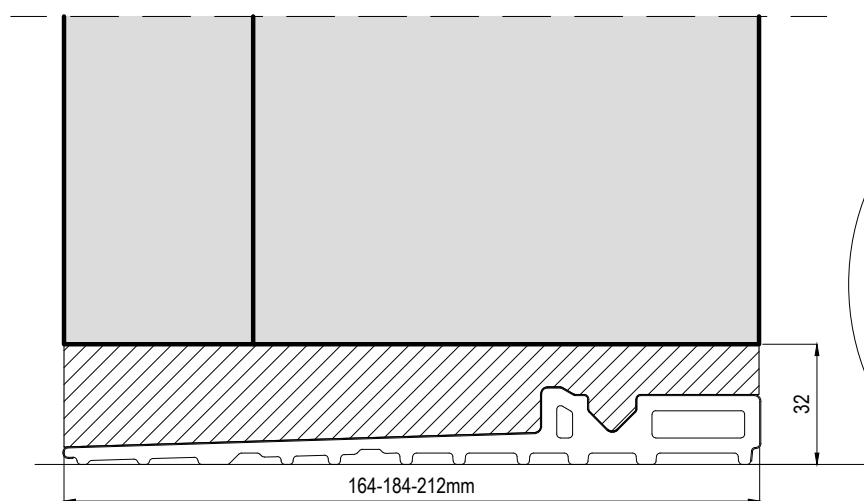
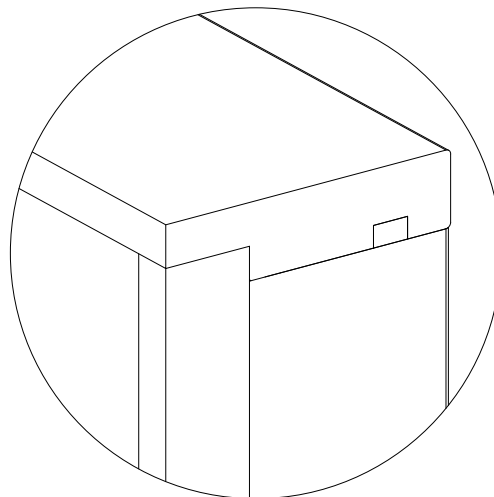
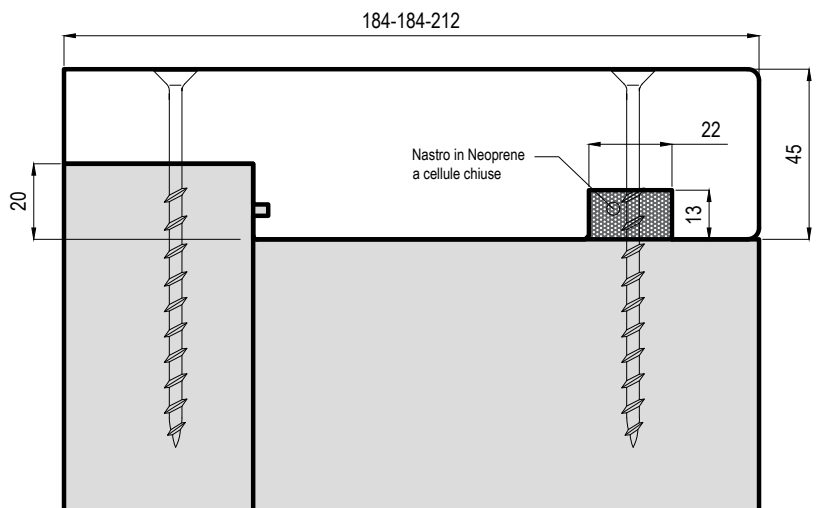


AGB

Particolare profilo di chiusura per nodo centrale con ante coassiali simmetriche

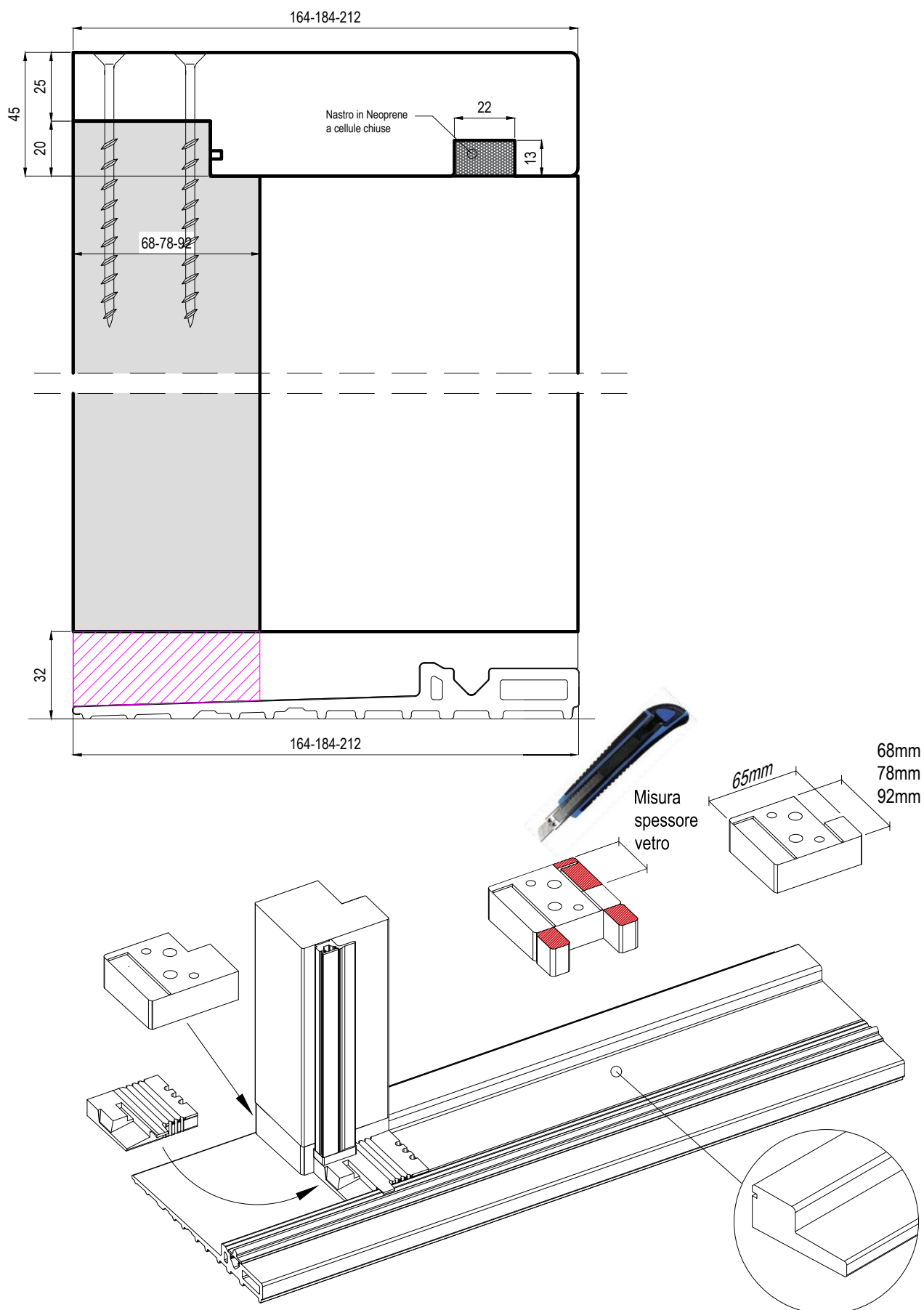


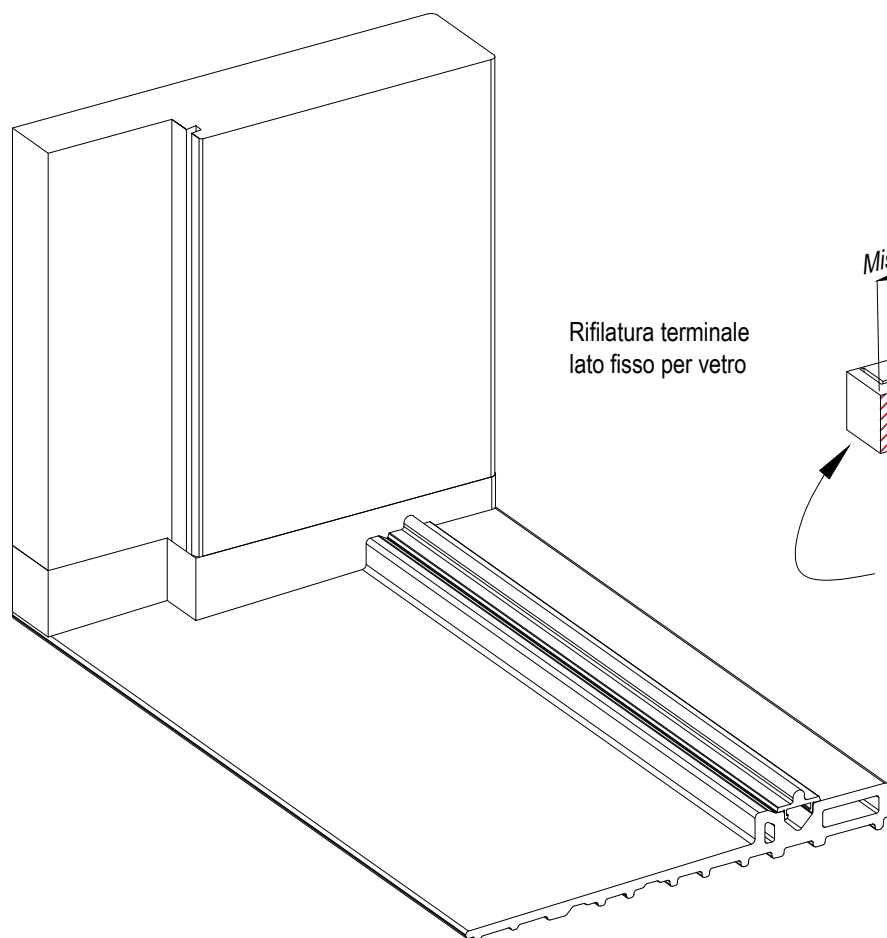
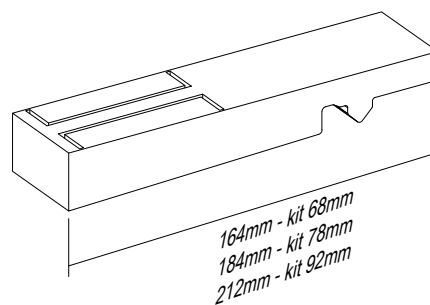
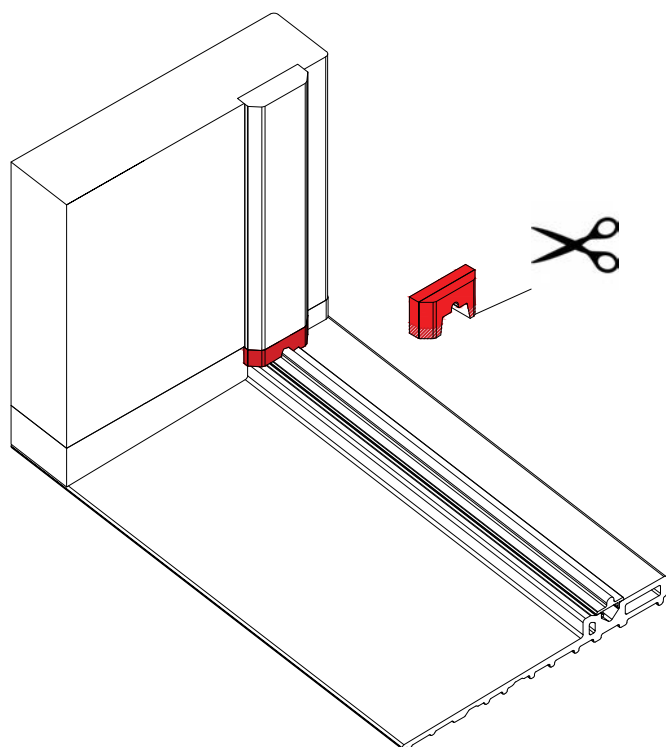
Applicare il profilo di chiusura dopo aver assemblato l'anta.



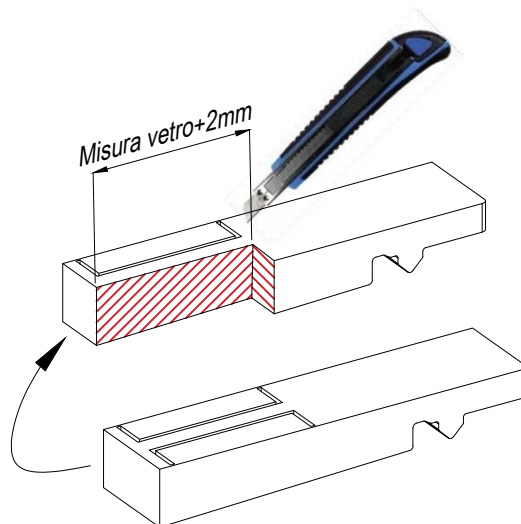
Sistema HS Slim

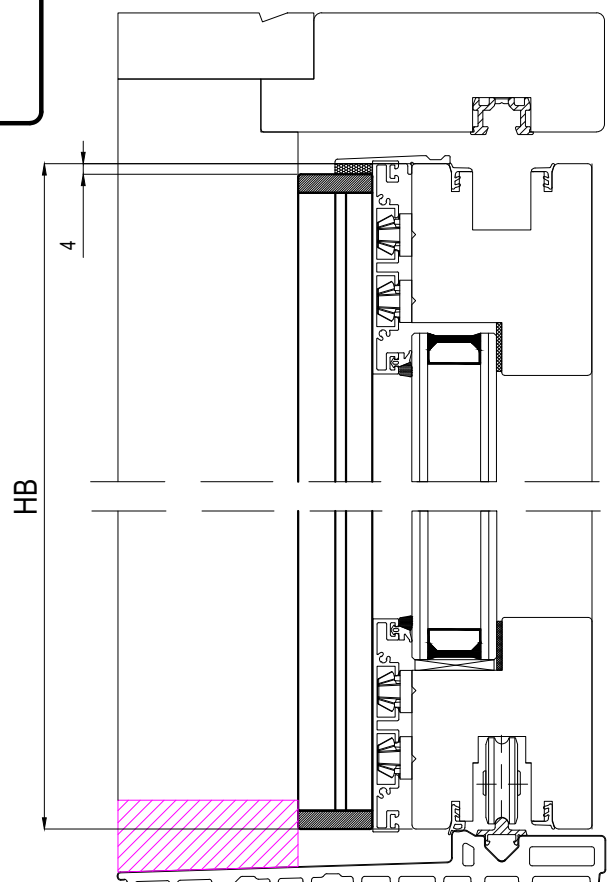
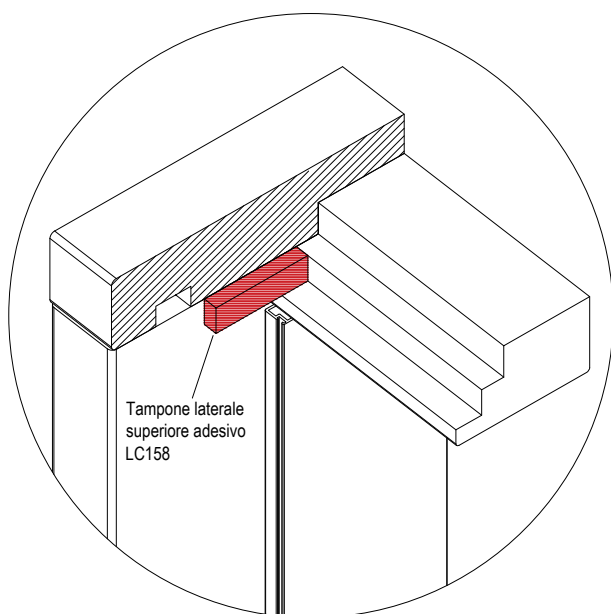
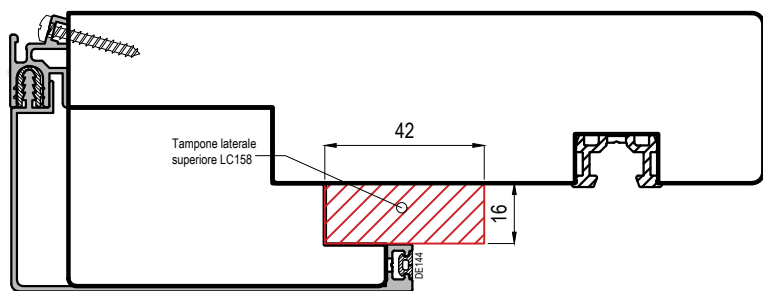
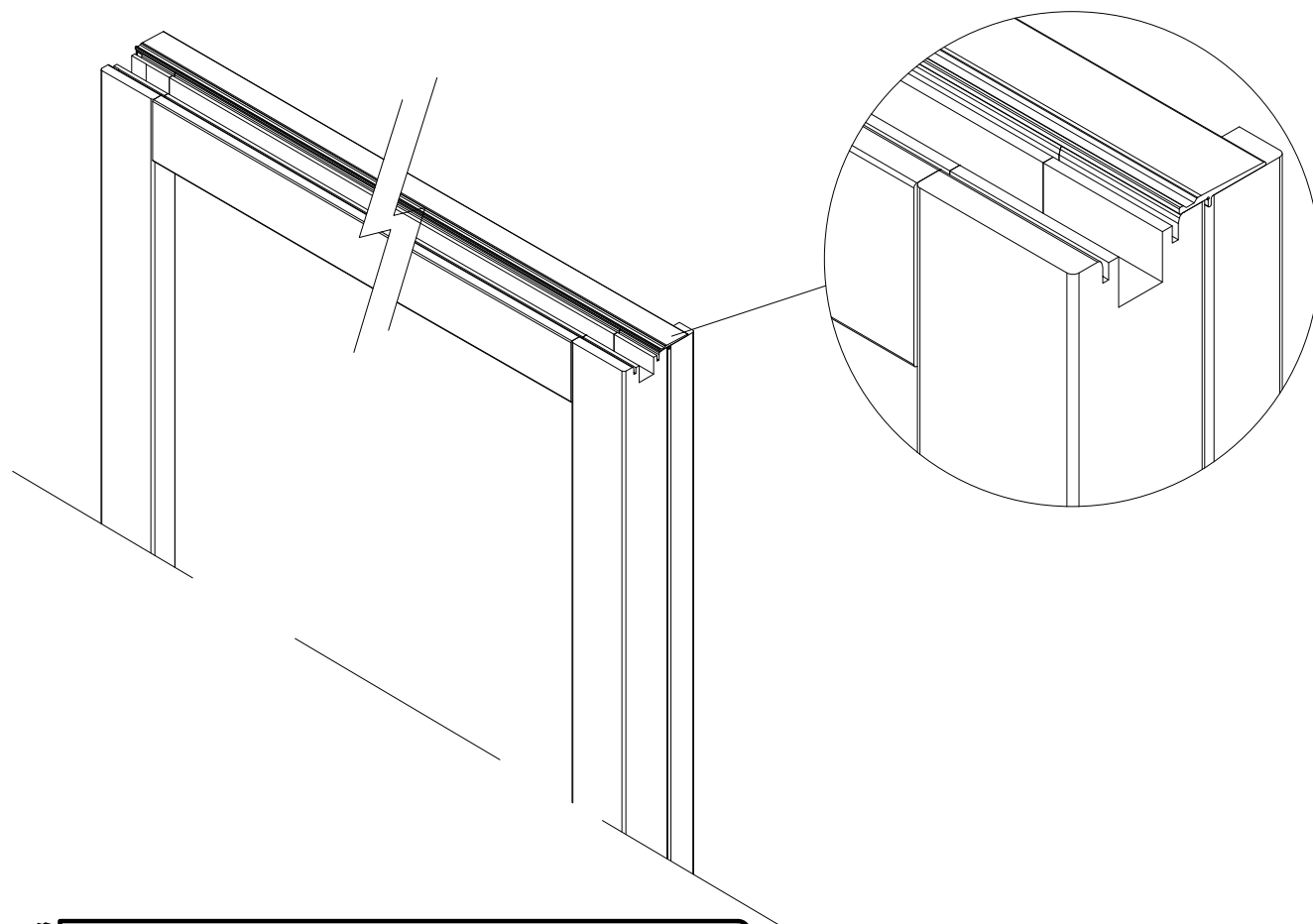
uniform



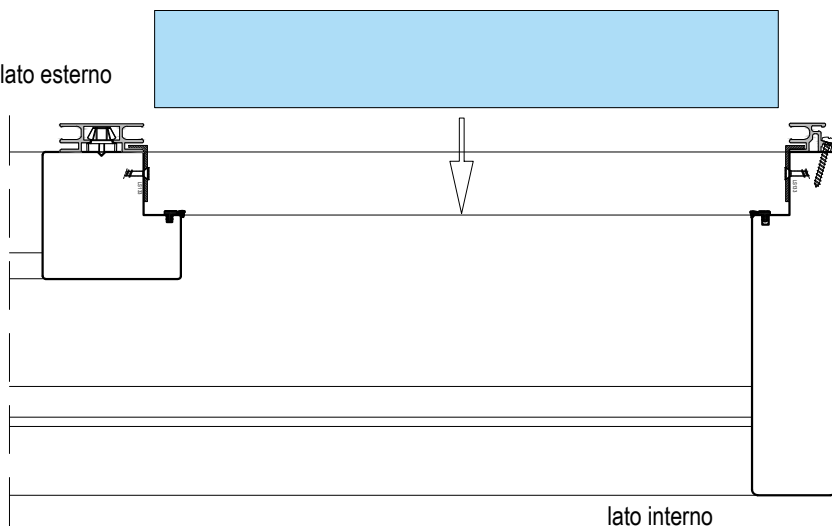


Rifilatura terminale
lato fisso per vetro



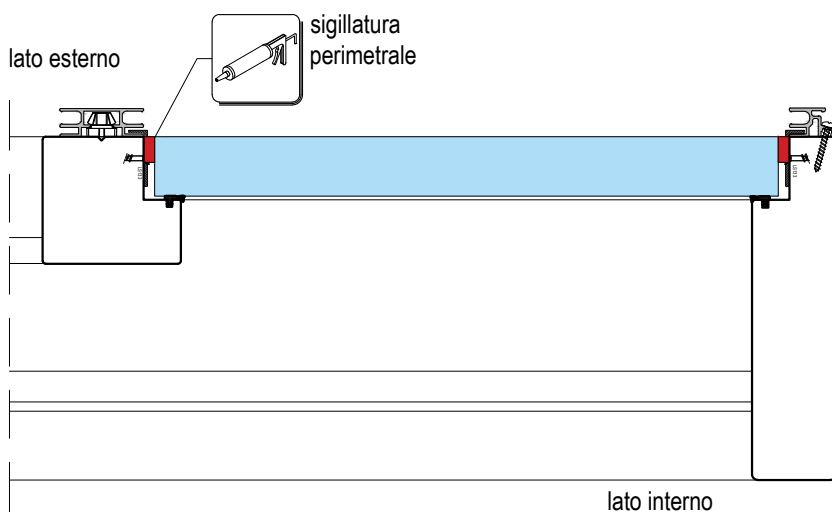


lato esterno



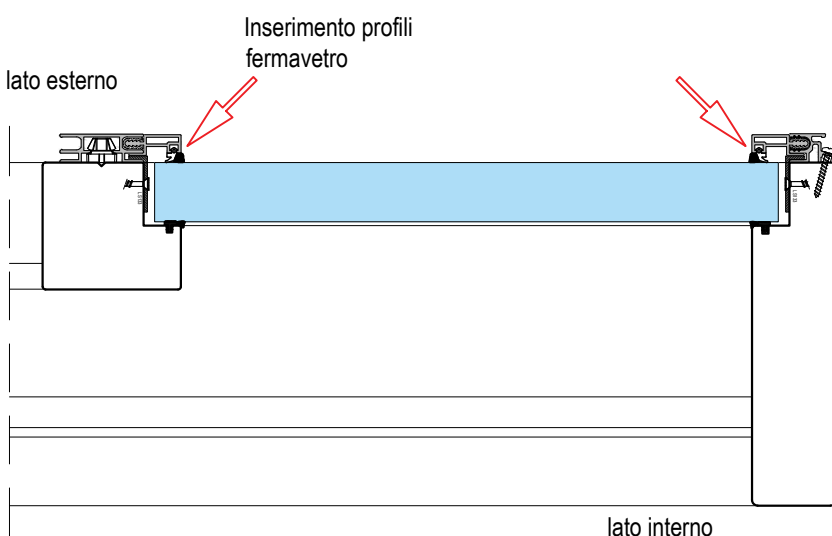
lato interno

lato esterno

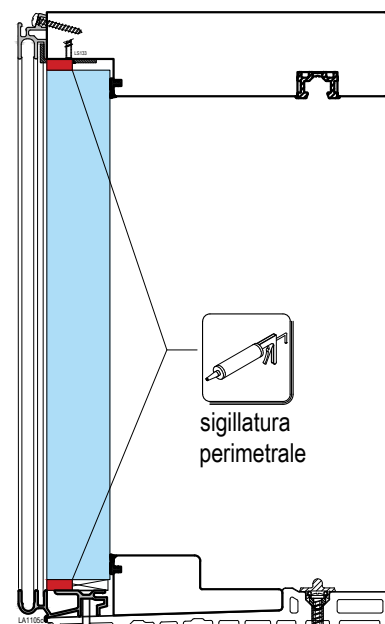
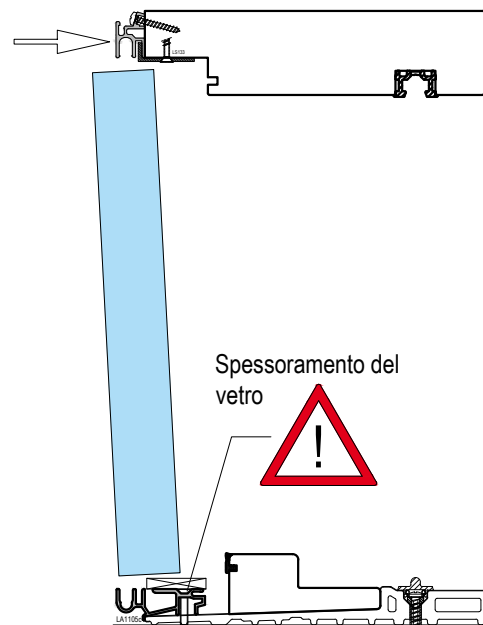


lato interno

lato esterno

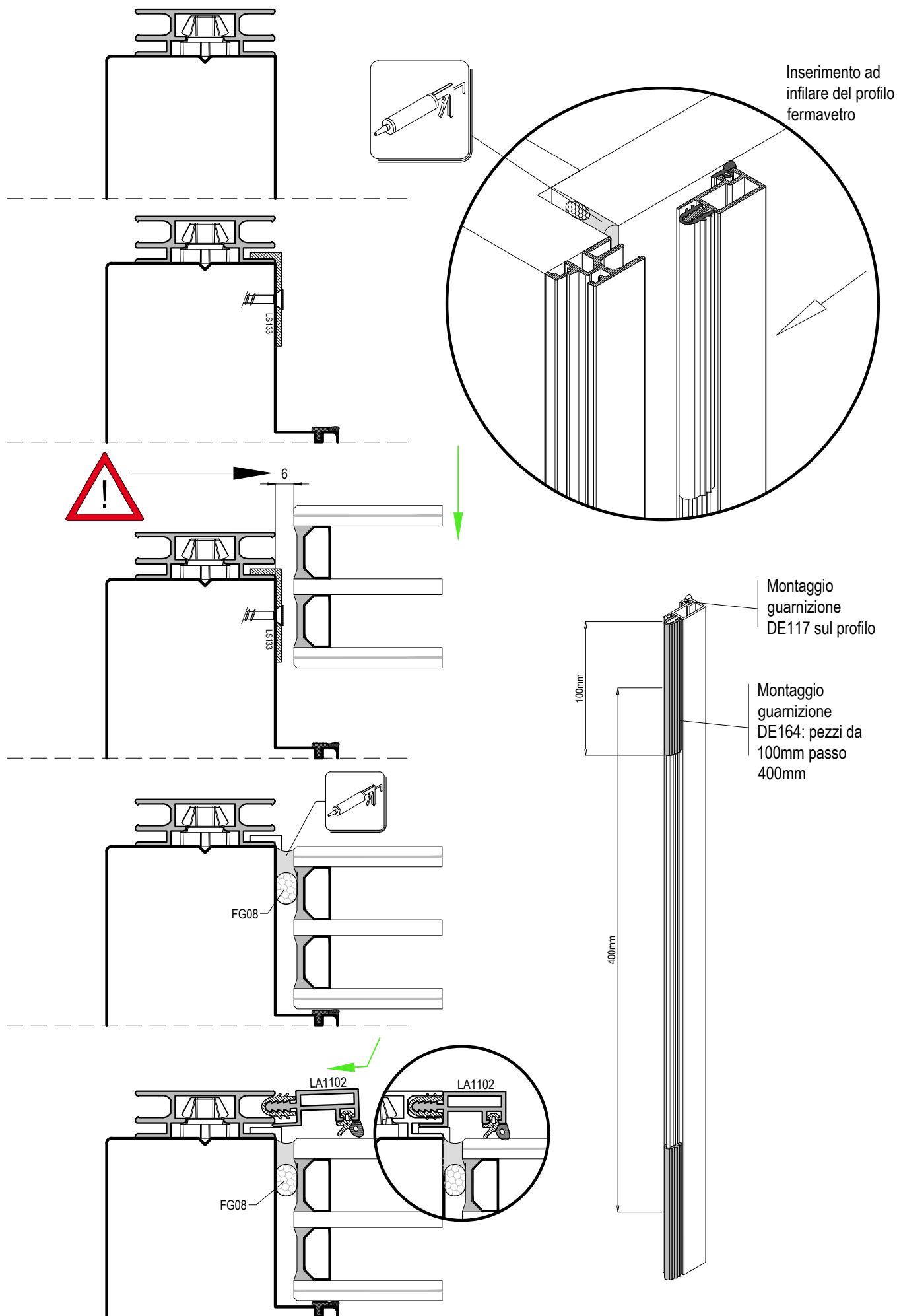


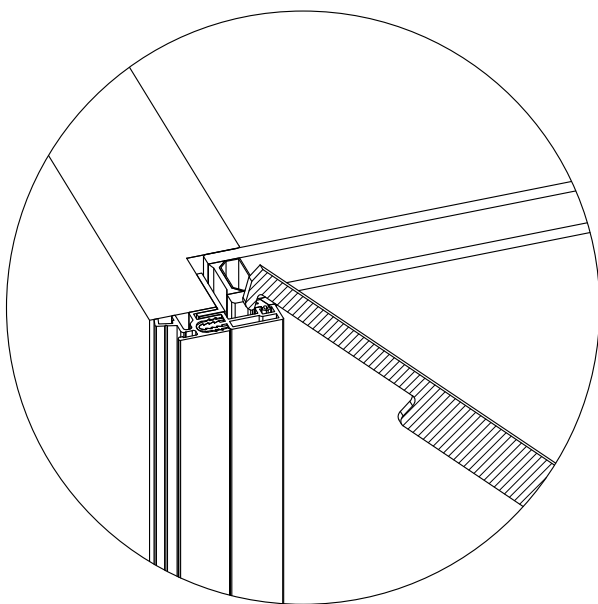
lato interno



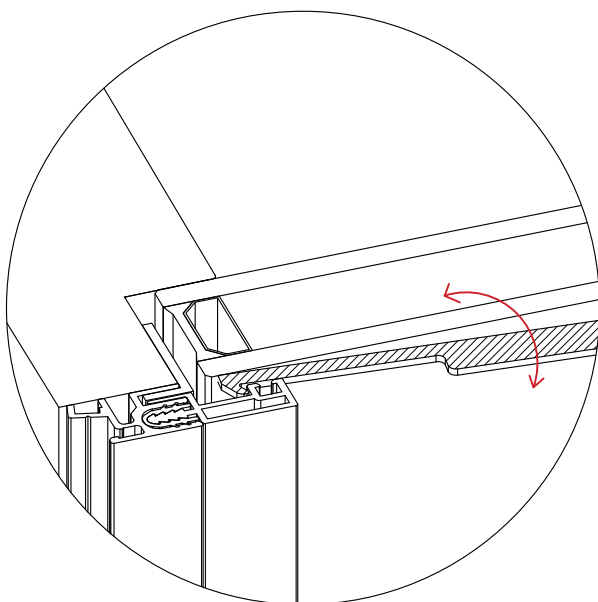
Inserimento
profili
fermavetro



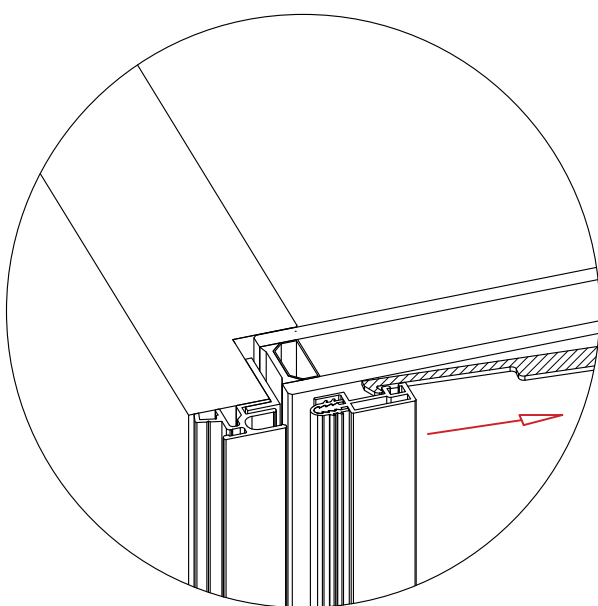




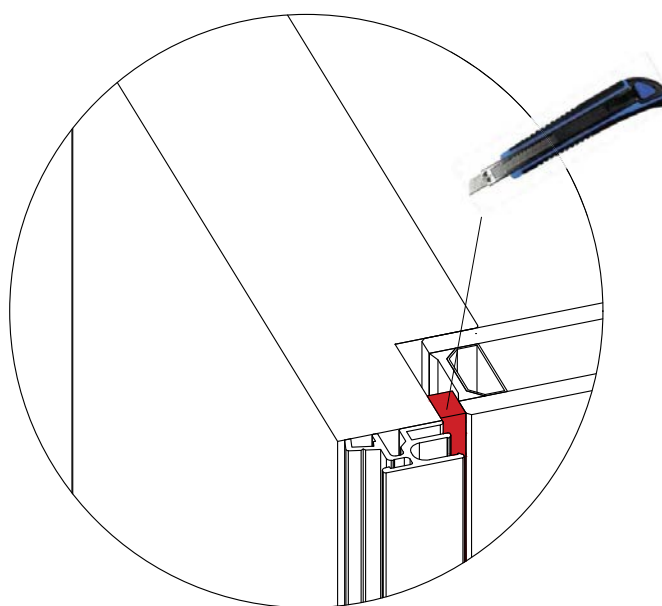
Partendo dall'angolo, togliere la guarnizione perimetrale utilizzando **chiave LD62**



Girare la **chiave LD62** in modo da incastrarla sul profilo fermavetro in alluminio



Tirare e sfilare il profilo fermavetro su ogni lato.
Incidere la sigillatura perimetrale del vetro e procedere con lo smontaggio





Fasi da recepire per il controllo del processo di produzione in fabbrica (FPC)



Misurazione componenti telaio e accorgimenti per la tenuta aria-acqua

- 1 - Rilevare la lunghezza e la larghezza del traverso superiore e dei montanti verticali
- 2 - Controllare che larghezza e profondità delle fresate per l'alloggiamento della guida superiore in alluminio e dei listelli in legno siano conformi a quanto indicato nel presente manuale tecnico.
- 3 - Verificare la larghezza e la lunghezza dei listelli.
- 4 - Controllare che la lunghezza della soglia, del profilo di scorrimento e del profilo reggivetrol sia corrispondente alle indicazioni del presente manuale tecnico.



Misurazione componenti delle ante e accorgimenti per la tenuta aria-acqua

- 1 - In base alle misure rilevate sul telaio calcolare, secondo le indicazioni riportate nel manuale tecnico, la misura delle ante (**LxH**) e verificare che le dimensioni dell'anta prodotta siano conformi a quelle calcolate.
- 2 - Verificare l'ortogonalità (squadra) delle ante misurando le diagonali, è importantissimo che siano uguali per il corretto funzionamento e la chiusura.
- 3 - Verificare che lo spessore dell'anta sia esattamente 78 mm.
- 4 - Verificare la larghezza delle fresate da 22x47 mm per l'alloggiamento dei carrelli e controllare che siano esattamente nella mezzzeria dello spessore 78 mm.
- 5 - Verificare la profondità e la larghezza delle fresate per l'alloggiamento delle guarnizioni controllando il loro stato, in modo che non abbiano sporco o residui di colla/vernice.
- 6 - Verificare profondità e posizione dello scasso per la serratura.
- 7 - Controllare la complanarità dei giunti montante/traverso inferiore, eventualmente livellare con stucco per non compromettere la tenuta.
- 8 - La lastra in vetrocamera va siliconata, sull'appoggio della battuta, all'esterno perimetralmente, sui telai in legno e sul profilo reggivetrol in alluminio.
- 9 - Siliconare anche i fermavetri interni o utilizzare specifiche guarnizioni.
- 10 - Fare un cordolo di silicone all'interno della cava di inserimento della guarnizione inferiore esterna prima di infilarla.

