



HS-Standard
Zero

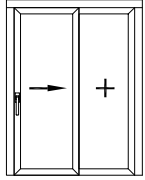
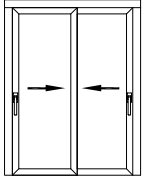
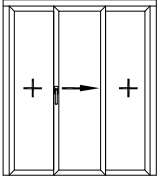
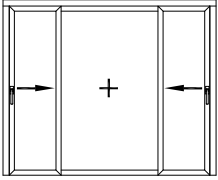
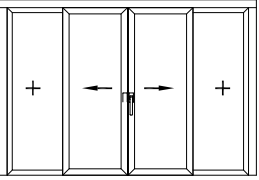
























Indice generale

General index

Maico soglia HS-Standard Zero

<u>Fattibilità</u>	<u>pag.01</u>
<u>Capitolati</u>	<u>pag.02</u>
<u>Schede tecniche</u>	<u>pag.03-04-05</u>
<u>Istruzioni di montaggio</u>	<u>pag.06</u>
<u>Tavole tecniche HS-S Zero</u>	
<u>68x80mm</u>	<u>pag.15</u>
<u>68x100mm</u>	<u>pag.21</u>
<u>78x80mm</u>	<u>pag.27</u>
<u>78x100mm</u>	<u>pag.33</u>
<u>92x80mm</u>	<u>pag.39</u>
<u>92x100mm</u>	<u>pag.45</u>
<u>Riepiloghi</u>	<u>pag.51</u>
<u>Profili</u>	<u>pag.52</u>
<u>Istruzioni per l'assemblaggio</u>	<u>pag.55-56</u>
<u>Clips ed accessori</u>	<u>pag.57-58</u>
<u>Guarnizioni</u>	<u>pag.59-60</u>
<u>Squadrette</u>	<u>pag.61</u>
<u>Attrezzature</u>	<u>pag.62-63</u>



Spessore anta(mm)	 Schema A	 Schema D	 Schema G	 Schema K	 Schema C
68			  Disegni su richiesta <i>Drawing on request</i>	  Disegni su richiesta <i>Drawing on request</i>	  Disegni su richiesta <i>Drawing on request</i>
78			  Disegni su richiesta <i>Drawing on request</i>	  Disegni su richiesta <i>Drawing on request</i>	  Disegni su richiesta <i>Drawing on request</i>
92			  Disegni su richiesta <i>Drawing on request</i>	  Disegni su richiesta <i>Drawing on request</i>	  Disegni su richiesta <i>Drawing on request</i>



HS-S Zero

uniform

Requisiti	Norma di classificazione	Caratteristiche
Trasmittanza termica nodo finestra(Uf)	UNI EN ISO 10077-2	Vari(vedi scheda tecnica)
Tenuta all'acqua	UNI EN 1027-12208	Classe 9a
Permeabilità all'aria	UNI EN 1026-12207	Classe 4
Resistenza al carico di vento	UNI EN 12211-12210	C1

Struttura in legno

L'alzante scorrevole HS Zero è formato da ante scorrevoli e vetrate fisse combinate in base alla tipologia di apertura.

Le ante scorrono su binario in alluminio fissato ad una soglia in vetroresina.

La vetrata fissa viene posizionata nella parte esterna e fissata mediante un sistema di profili di alluminio guarnizionati ed accessori che ne consentono il bloccaggio in sicurezza.

Nella parte superiore le ante scorrevoli sono tenute in guida dai profili guida in alluminio.

Telai in alluminio

I profili in alluminio vengono realizzati in lega EN AW6060 T5 forniti come da EN 12020-1 e tolleranze EN 12020-2.

Verniciatura secondo regolamento Qualicoat o con trattamento di ossidazione anodica in classe 15 secondo specifiche del marchio EURA EWAA QUALONOD.

Fissaggio dei telai e altri accessori

Il fissaggio dei telai avviene tramite clips di supporto in materiale plastico fissate tramite vite alla parte in legno.

Consentono l'unione ottimale tra il legno e il metallo alla distanza di 3 o 5mm al fine di eliminare la eventuale condensa e garantire la perfetta aerazione della zona di accoppiamento, nonché l'eventuale smontaggio e consentendo una dilatazione libera da tensioni.

Guarnizioni

Sulla parte in appoggio al vetro dei profili viene montata una guarnizione in EPDM coestruso con componente espanso in appoggio sul vetro.

Sul profilo telaio alluminio viene montata una guarnizione in EPDM coestruso per evitare il contatto diretto tra le componenti metalliche.

HS-S Zero

uniform

Requirements	Classification norm	Features
Thermal transmittance(Uf)	UNI EN ISO 10077-2	Various(See technical data sheet)
Water-tightness	UNI EN 1027-12208	Classe 9a
Air-tightness	UNI EN 1026-12207	Classe 4
Wind-tightness	UNI EN 12211-12210	C1

Wood structure

The lift-slide HS Zero consists of sliding doors and fixed glazing combined according to the type of opening.

The doors slide on aluminum rail fixed to a threshold fiberglass.

The fixed glazing is placed in the external part and fixed by means of a system of aluminum profiles, gaskets and accessories that allow locking in safety.

In the upper part, the sliding doors are kept in guide by aluminum rails.

Aluminum frames

The aluminum profiles are made of EN AW6060 T5 alloy according to EN 12020-1 in respect of tolerances EN 12020-2. Powder coating is performed in conformity with QUALICOAT regulations; anodization process is performed in class 15 according to the specifications of EURA EWAA QUALONOD.

Assembly of the aluminum frames and other accessories

Alu frames are fixed to the wood by means of plastic clips, either screwed to or embedded into the wood. The clips allow an optimum space between the wood and the metal frames at the correct distance of 5mm, thus allowing neutralization of the materials' dilatation, moisture removal through good ventilation, as well as easy release of the alu frames by rotating the clips.

Gaskets

The aluminum profile on the sash is equipped with a gasket (co-extruded with EPDM foam)to avoid contact between the glass and the aluminum.

The aluminum profile of the frame is equipped with a co-extruded EPDM gasket as well to prevent direct contact between the metal components of frame and sash.

HS-S Zero

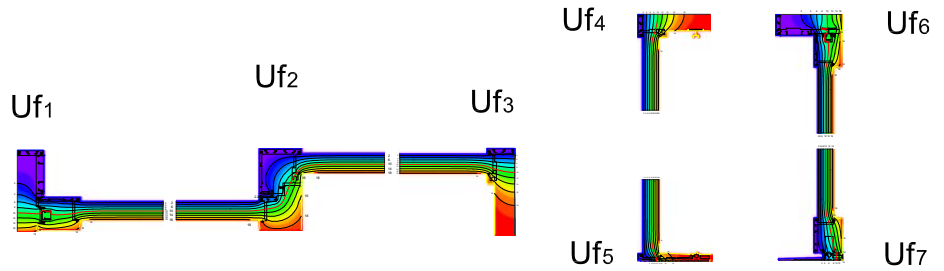
uniform

- ① Testi di capitolato
- ② Ausschreibungstext
- ③ Texto de condiciones
- ④ Texte de cahier des charges
- ⑤ Technical specifications



Tabelle di Calcolo Uw
Sistema HS-S Zero 68x80mm

	Legno tenero Soft wood (W/m ² K)	Legno duro Hard wood (W/m ² K)
Uf ₁	1.3	1.6
Uf ₂	2.7	3.1
Uf ₃	1.2	1.4
Uf ₄	1.3	1.6
Uf ₅	2.6	2.7
Uf ₆	2.1	2.3
Uf ₇	1.9	2.1



Legno tenero/Soft wood

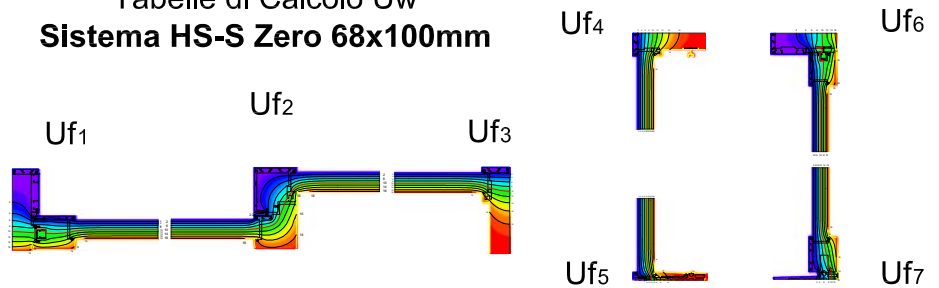
Ug	ψ g 0,04 (W/mK)	ψ g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,87 W/m ² K	Uw=0,91 W/m ² K	Triplo vetro
0,7 W/m ² K	Uw=0,96 W/m ² K	Uw=1,0 W/m ² K	
0,8 W/m ² K	Uw=1,0 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,1 W/m ² K	Uw=1,2 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,3 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,3 W/m ² K	
1,2 W/m ² K	Uw=1,4 W/m ² K	Uw=1,4 W/m ² K	Doppio vetro
1,3 W/m ² K	Uw=1,5 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,5 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,6 W/m ² K	Uw=1,7 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,8 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,8 W/m ² K	
1,8 W/m ² K	Uw=1,9 W/m ² K	Uw=1,9 W/m ² K	

Legno duro/Hard wood

Ug	ψ g 0,04 (W/mK)	ψ g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,91W/m ² K	Uw=0,95 W/m ² K	Triplo vetro
0,7 W/m ² K	Uw=1,0 W/m ² K	Uw=1,0 W/m ² K	
0,8 W/m ² K	Uw=1,1 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,2 W/m ² K	Uw=1,2 W/m ² K	
1,0 W/m ² K	Uw=1,3 W/m ² K	Uw=1,3 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,4 W/m ² K	
1,2 W/m ² K	Uw=1,4 W/m ² K	Uw=1,5 W/m ² K	Doppio vetro
1,3 W/m ² K	Uw=1,5 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,6 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,7 W/m ² K	Uw=1,7 W/m ² K	
1,6 W/m ² K	Uw=1,8 W/m ² K	Uw=1,8 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,9 W/m ² K	
1,8 W/m ² K	Uw=1,9 W/m ² K	Uw=2,0 W/m ² K	

Tabelle di Calcolo Uw
Sistema HS-S Zero 68x100mm

	Legno tenero Soft wood (W/m ² K)	Legno duro Hard wood (W/m ² K)
Uf ₁	1.3	1.6
Uf ₂	2.1	2.4
Uf ₃	1.2	1.4
Uf ₄	1.5	1.7
Uf ₅	1.8	2.0
Uf ₆	2.0	2.2
Uf ₇	1.8	2.0



Legno tenero/Soft wood

Ug	ψ g 0,04 (W/mK)	ψ g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,88 W/m ² K	Uw=0,92 W/m ² K	Triplo vetro
0,7 W/m ² K	Uw=0,96 W/m ² K	Uw=1,0 W/m ² K	
0,8 W/m ² K	Uw=1,0 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,1 W/m ² K	Uw=1,2 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,3 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,3 W/m ² K	
1,2 W/m ² K	Uw=1,4 W/m ² K	Uw=1,4 W/m ² K	Doppio vetro
1,3 W/m ² K	Uw=1,5 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,5 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,6 W/m ² K	Uw=1,7 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,8 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,8 W/m ² K	
1,8 W/m ² K	Uw=1,9 W/m ² K	Uw=1,9 W/m ² K	

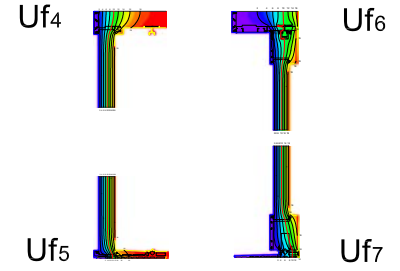
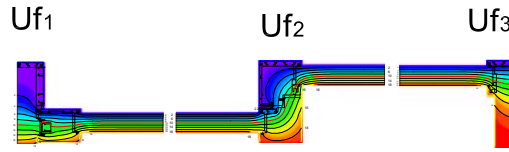
Legno duro/Hard wood

Ug	ψ g 0,04 (W/mK)	ψ g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,91W/m ² K	Uw=0,95 W/m ² K	Triplo vetro
0,7 W/m ² K	Uw=1,0 W/m ² K	Uw=1,0 W/m ² K	
0,8 W/m ² K	Uw=1,1 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,2 W/m ² K	Uw=1,2 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,3 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,4 W/m ² K	
1,2 W/m ² K	Uw=1,4 W/m ² K	Uw=1,5 W/m ² K	Doppio vetro
1,3 W/m ² K	Uw=1,5 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,6 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,7 W/m ² K	Uw=1,7 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,8 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,9 W/m ² K	
1,8 W/m ² K	Uw=1,9 W/m ² K	Uw=1,9 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

Tabelle di Calcolo Uw Sistema HS-S Zero 78x80mm

	Legno tenero Soft wood (W/m ² K)	Legno duro Hard wood (W/m ² K)
Uf ₁	1.2	1.5
Uf ₂	2.4	2.8
Uf ₃	1.3	1.5
Uf ₄	1.3	1.5
Uf ₅	2.2	2.3
Uf ₆	2.0	2.2
Uf ₇	1.8	2.0



Legno tenero/Soft wood

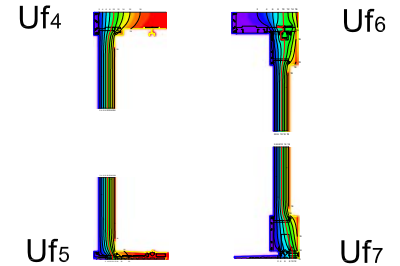
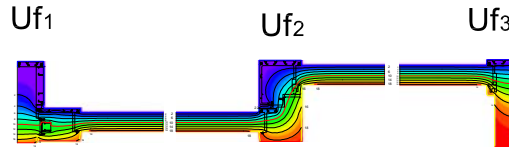
U _g	ψ _g 0,04 (W/mK)	ψ _g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,85 W/m ² K	Uw=0,89 W/m ² K	Triplo vetro
0,7 W/m ² K	Uw=0,94 W/m ² K	Uw=0,98 W/m ² K	
0,8 W/m ² K	Uw=1,0 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,1 W/m ² K	Uw=1,2 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,2 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,3 W/m ² K	Doppio vetro
1,2 W/m ² K	Uw=1,4 W/m ² K	Uw=1,4 W/m ² K	
1,3 W/m ² K	Uw=1,4 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,5 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,6 W/m ² K	Uw=1,7 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,7 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,8 W/m ² K	
1,8 W/m ² K	Uw=1,9 W/m ² K	Uw=1,9 W/m ² K	

Legno duro/Hard wood

U _g	ψ _g 0,04 (W/mK)	ψ _g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,89W/m ² K	Uw=0,94 W/m ² K	Triplo vetro
0,7 W/m ² K	Uw=0,98 W/m ² K	Uw=1,0 W/m ² K	
0,8 W/m ² K	Uw=1,1 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,2 W/m ² K	Uw=1,2 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,3 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,4 W/m ² K	Doppio vetro
1,2 W/m ² K	Uw=1,4 W/m ² K	Uw=1,4 W/m ² K	
1,3 W/m ² K	Uw=1,5 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,6 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,7 W/m ² K	Uw=1,7 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,8 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,9 W/m ² K	
1,8 W/m ² K	Uw=1,9 W/m ² K	Uw=1,9 W/m ² K	

Tabelle di Calcolo Uw Sistema HS-S Zero 78x100mm

	Legno tenero Soft wood (W/m ² K)	Legno duro Hard wood (W/m ² K)
Uf ₁	1.2	1.5
Uf ₂	1.9	2.2
Uf ₃	1.3	1.5
Uf ₄	1.3	1.5
Uf ₅	2.2	2.3
Uf ₆	1.9	2.1
Uf ₇	1.7	1.9



Legno tenero/Soft wood

U _g	ψ _g 0,04 (W/mK)	ψ _g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,85 W/m ² K	Uw=0,89 W/m ² K	Triplo vetro
0,7 W/m ² K	Uw=0,93 W/m ² K	Uw=0,97 W/m ² K	
0,8 W/m ² K	Uw=1,0 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,1 W/m ² K	Uw=1,2 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,2 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,3 W/m ² K	Doppio vetro
1,2 W/m ² K	Uw=1,3 W/m ² K	Uw=1,4 W/m ² K	
1,3 W/m ² K	Uw=1,4 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,5 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,6 W/m ² K	Uw=1,6 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,7 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,8 W/m ² K	
1,8 W/m ² K	Uw=1,8 W/m ² K	Uw=1,9 W/m ² K	

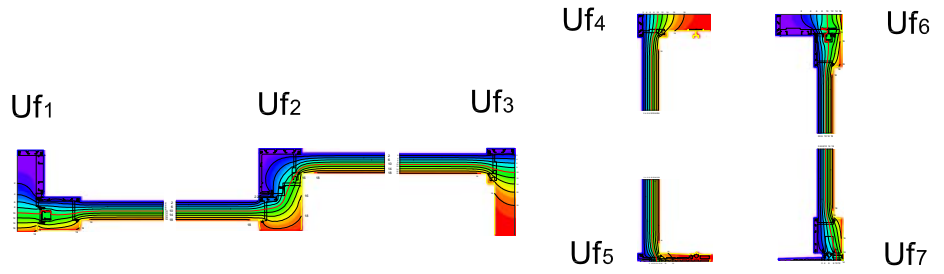
Legno duro/Hard wood

U _g	ψ _g 0,04 (W/mK)	ψ _g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,90W/m ² K	Uw=0,94 W/m ² K	Triplo vetro
0,7 W/m ² K	Uw=0,98 W/m ² K	Uw=1,0 W/m ² K	
0,8 W/m ² K	Uw=1,1 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,1W/m ² K	Uw=1,2 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,3 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,4 W/m ² K	Doppio vetro
1,2 W/m ² K	Uw=1,4 W/m ² K	Uw=1,4 W/m ² K	
1,3 W/m ² K	Uw=1,5 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,6 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,6 W/m ² K	Uw=1,7 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,8 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,8 W/m ² K	
1,8 W/m ² K	Uw=1,9 W/m ² K	Uw=1,9 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

Tabelle di Calcolo Uw
Sistema HS-S Zero 92x80mm

	Legno tenero Soft wood (W/m ² K)	Legno duro Hard wood (W/m ² K)
Uf ₁	1.1	1.4
Uf ₂	2.5	2.9
Uf ₃	1.0	1.2
Uf ₄	1.1	1.4
Uf ₅	1.8	1.8
Uf ₆	1.8	2.0
Uf ₇	1.8	2.0



Legno tenero/Soft wood

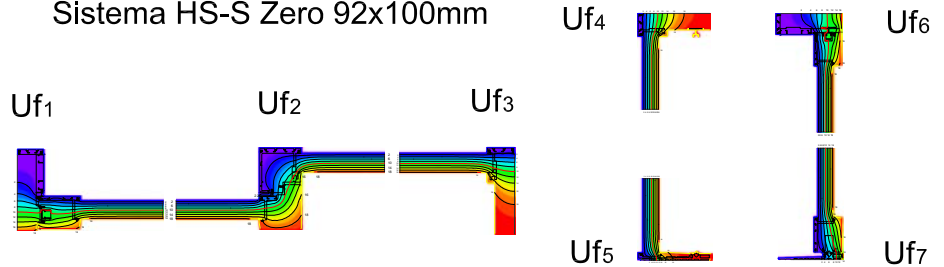
Ug	ψ g 0,04 (W/mK)	ψ g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,84 W/m ² K	Uw=0,88 W/m ² K	Tripla vetro
0,7 W/m ² K	Uw=0,92 W/m ² K	Uw=0,96 W/m ² K	
0,8 W/m ² K	Uw=1,0 W/m ² K	Uw=1,0 W/m ² K	
0,9 W/m ² K	Uw=1,1 W/m ² K	Uw=1,1 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,2 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,3 W/m ² K	Doppio vetro
1,2 W/m ² K	Uw=1,3 W/m ² K	Uw=1,4 W/m ² K	
1,3 W/m ² K	Uw=1,4 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,5 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,6 W/m ² K	Uw=1,6 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,7 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,8 W/m ² K	
1,8 W/m ² K	Uw=1,8 W/m ² K	Uw=1,9 W/m ² K	

Legno duro/Hard wood

Ug	ψ g 0,04 (W/mK)	ψ g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,88W/m ² K	Uw=0,92 W/m ² K	Tripla vetro
0,7 W/m ² K	Uw=0,96 W/m ² K	Uw=1,0 W/m ² K	
0,8 W/m ² K	Uw=1,1 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,1 W/m ² K	Uw=1,2 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,3 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,3 W/m ² K	Doppio vetro
1,2 W/m ² K	Uw=1,4 W/m ² K	Uw=1,4 W/m ² K	
1,3 W/m ² K	Uw=1,5 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,6 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,6 W/m ² K	Uw=1,7 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,8 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,8 W/m ² K	
1,8 W/m ² K	Uw=1,9 W/m ² K	Uw=1,9 W/m ² K	

Tabelle di Calcolo Uw
Sistema HS-S Zero 92x100mm

	Legno tenero Soft wood (W/m ² K)	Legno duro Hard wood (W/m ² K)
Uf ₁	1.1	1.4
Uf ₂	1.9	2.3
Uf ₃	1.0	1.2
Uf ₄	1.1	1.4
Uf ₅	1.8	1.8
Uf ₆	1.7	1.9
Uf ₇	1.7	1.9



Legno tenero/Soft wood

Ug	ψ g 0,04 (W/mK)	ψ g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,83 W/m ² K	Uw=0,87 W/m ² K	Tripla vetro
0,7 W/m ² K	Uw=0,91 W/m ² K	Uw=0,95 W/m ² K	
0,8 W/m ² K	Uw=1,0 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,1 W/m ² K	Uw=1,1 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,2 W/m ² K	
1,1 W/m ² K	Uw=1,2 W/m ² K	Uw=1,3 W/m ² K	Doppio vetro
1,2 W/m ² K	Uw=1,3 W/m ² K	Uw=1,4 W/m ² K	
1,3 W/m ² K	Uw=1,4 W/m ² K	Uw=1,4 W/m ² K	
1,4 W/m ² K	Uw=1,5 W/m ² K	Uw=1,5 W/m ² K	
1,5 W/m ² K	Uw=1,6 W/m ² K	Uw=1,6 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,7 W/m ² K	
1,7 W/m ² K	Uw=1,7 W/m ² K	Uw=1,8 W/m ² K	
1,8 W/m ² K	Uw=1,8 W/m ² K	Uw=1,9 W/m ² K	

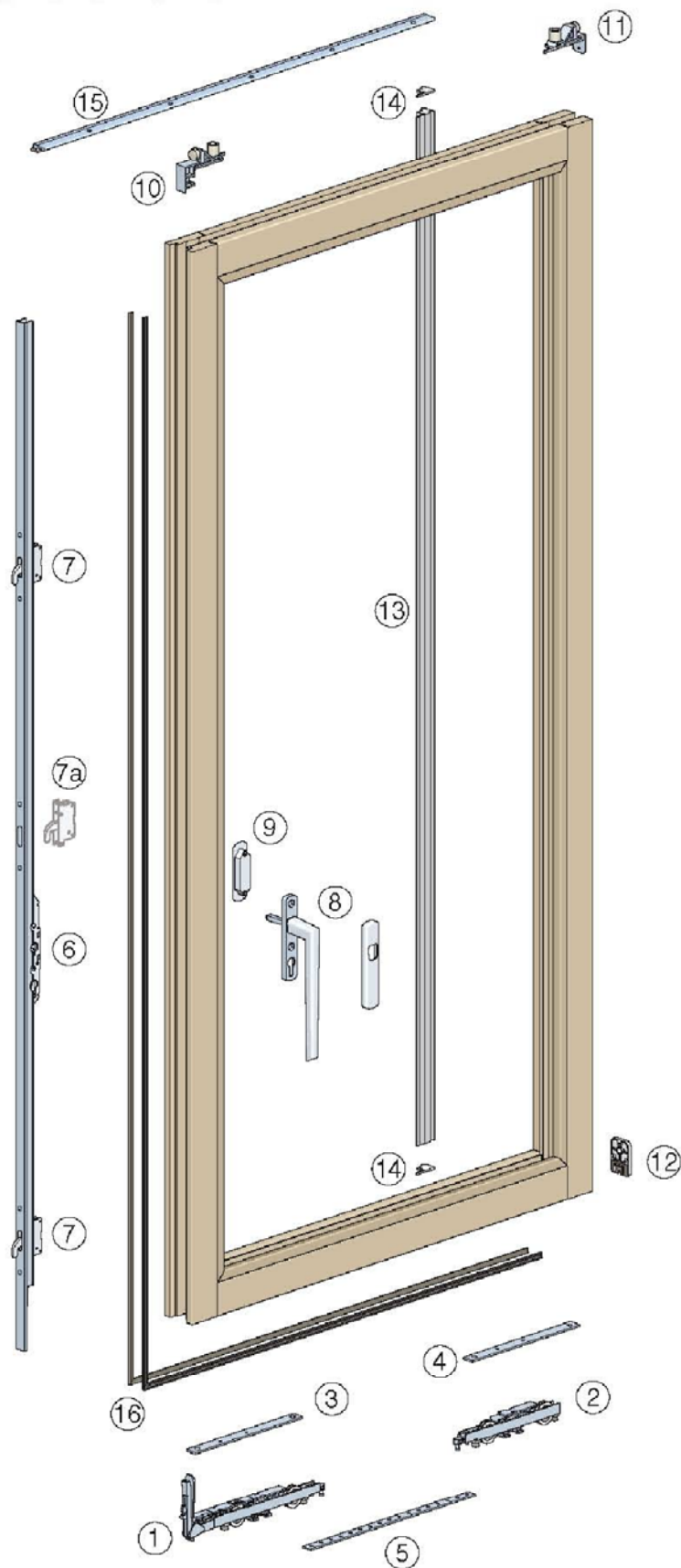
Legno duro/Hard wood

Ug	ψ g 0,04 (W/mK)	ψ g 0,06 (W/mK)	
0,6 W/m ² K	Uw=0,88W/m ² K	Uw=0,92 W/m ² K	Tripla vetro
0,7 W/m ² K	Uw=0,96 W/m ² K	Uw=1,0 W/m ² K	
0,8 W/m ² K	Uw=1,0 W/m ² K	Uw=1,1 W/m ² K	
0,9 W/m ² K	Uw=1,1W/m ² K	Uw=1,2 W/m ² K	
1,0 W/m ² K	Uw=1,2 W/m ² K	Uw=1,3 W/m ² K	
1,1 W/m ² K	Uw=1,3 W/m ² K	Uw=1,3 W/m ² K	Doppio vetro
1,2 W/m ² K	Uw=1,4 W/m ² K	Uw=1,4 W/m ² K	
1,3 W/m ² K	Uw=1,5 W/m ² K	Uw=1,5 W/m ² K	
1,4 W/m ² K	Uw=1,5 W/m ² K	Uw=1,6 W/m ² K	
1,5 W/m ² K	Uw=1,6 W/m ² K	Uw=1,7 W/m ² K	
1,6 W/m ² K	Uw=1,7 W/m ² K	Uw=1,7 W/m ² K	
1,7 W/m ² K	Uw=1,8 W/m ² K	Uw=1,8 W/m ² K	
1,8 W/m ² K	Uw=1,9 W/m ² K	Uw=1,9 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

Composizione ferramenta

Battente scorrevole



HS-S Zero

uniform³

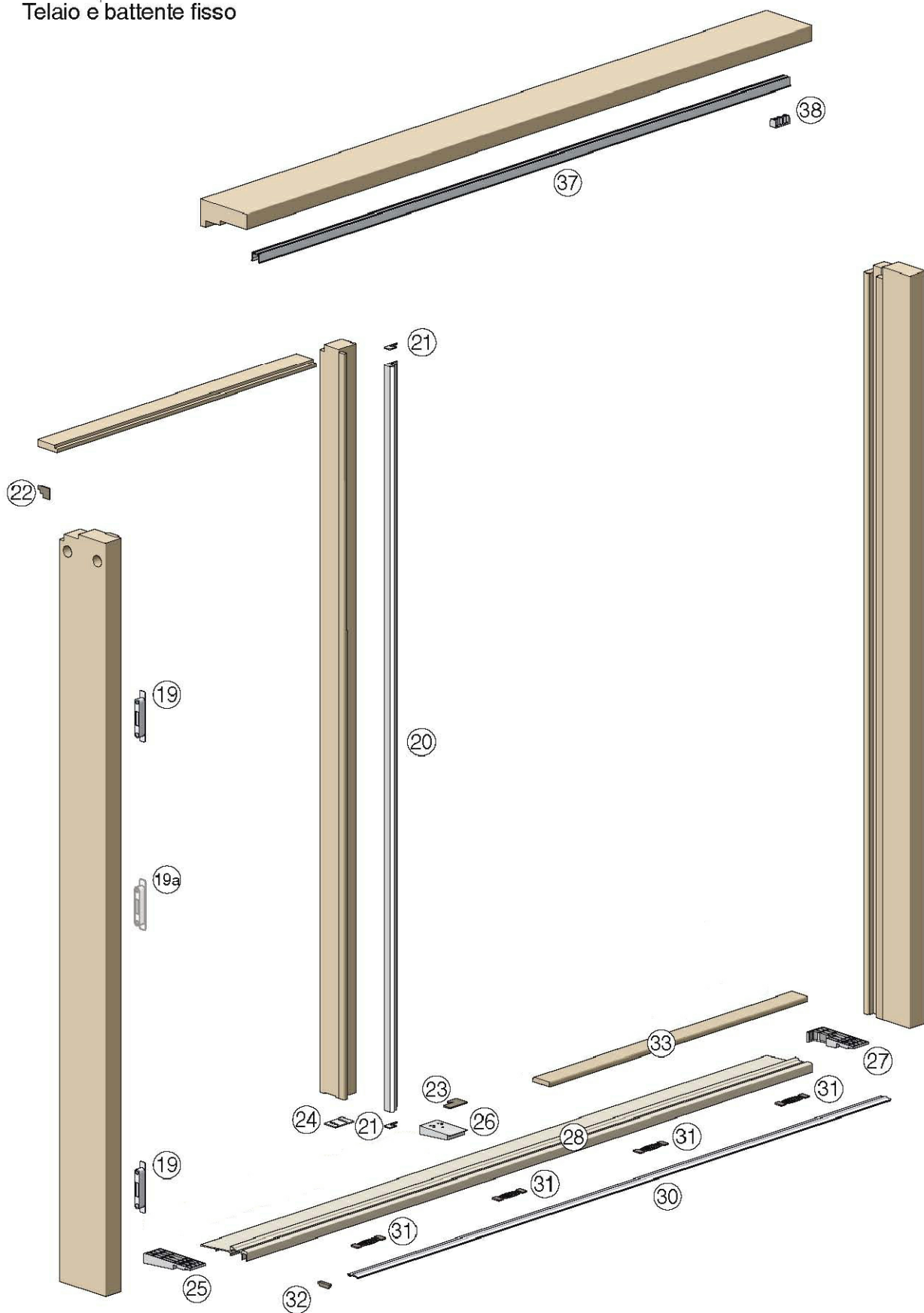
Zoom -

- ① Istruzioni per il montaggio
- ② Einbauanleitung
- ③ Instrucciones de instalacion
- ④ Instructions d'installation
- ⑤ Installation instructions



Composizione ferramenta

Telaio e battente fisso



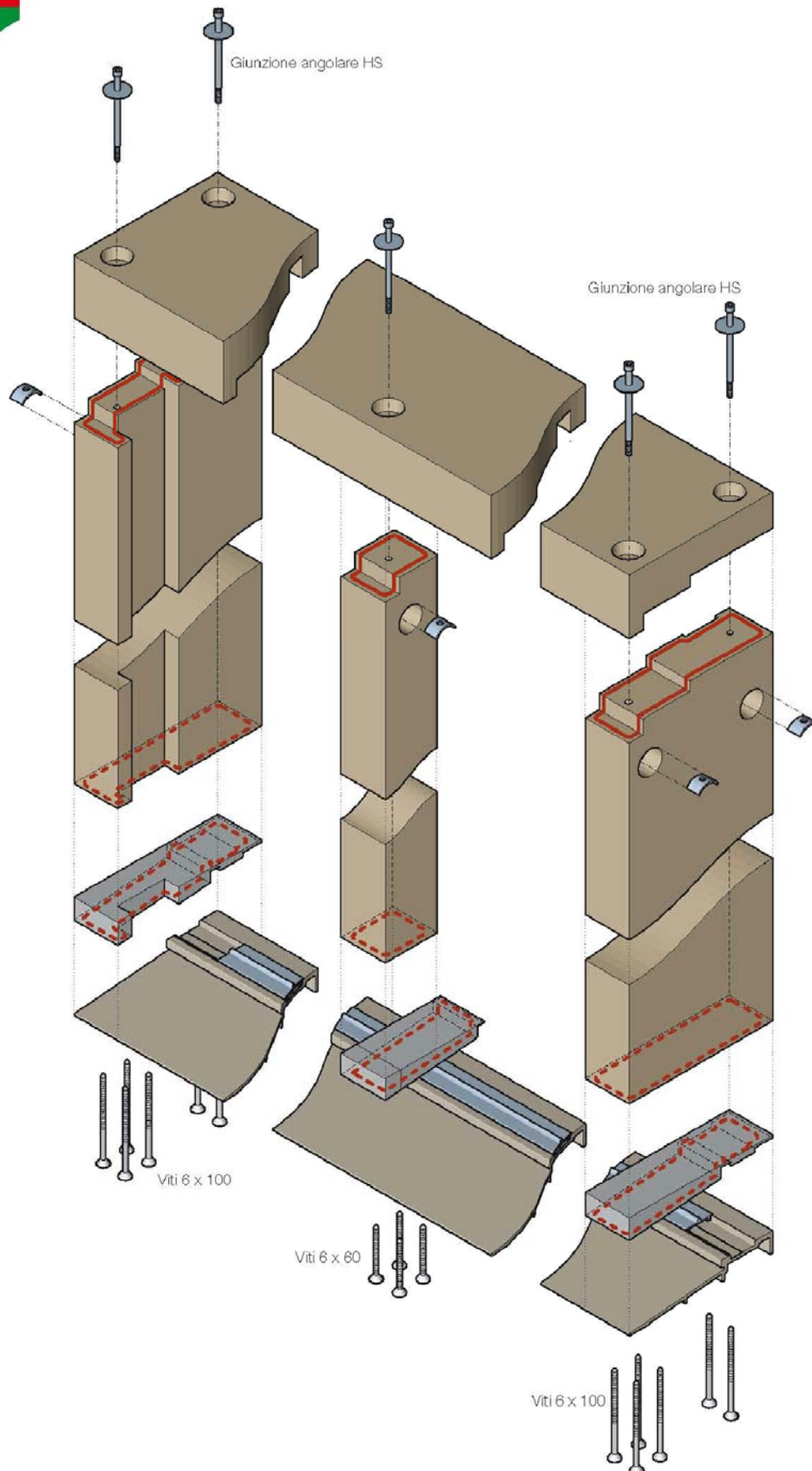
HS-S Zero

uniform

Zoom -

- ① Istruzioni per il montaggio
- ② Einbauanleitung
- ③ Instrucciones de instalacion
- ④ Instructions d'installation
- ⑤ Installation instructions





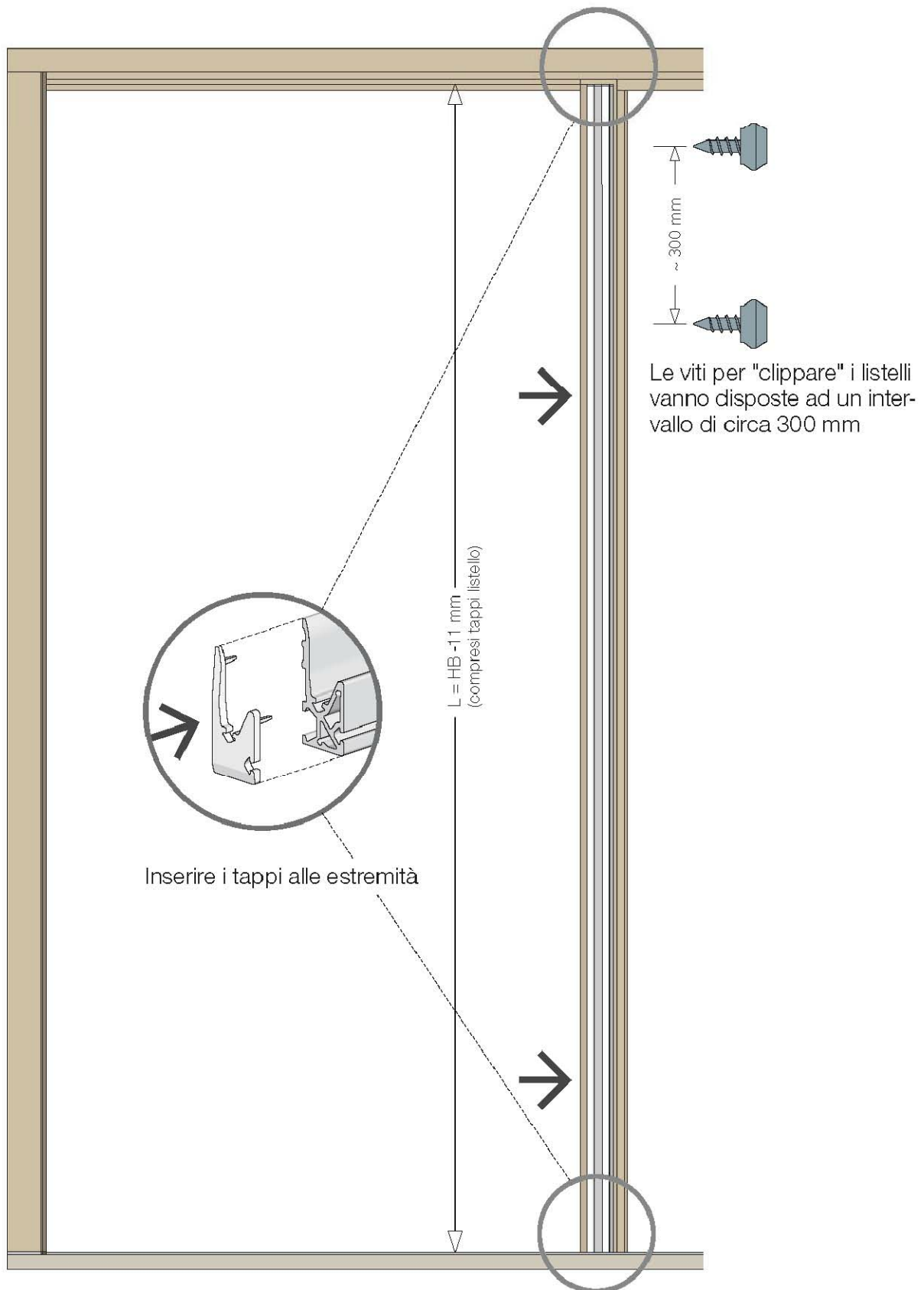
HS-S Zero

uniform³

Zoom -

- ① Istruzioni per il montaggio
- ② Einbauanleitung
- ③ Instrucciones de instalacion
- ④ Instructions d'installation
- ⑤ Installation instructions





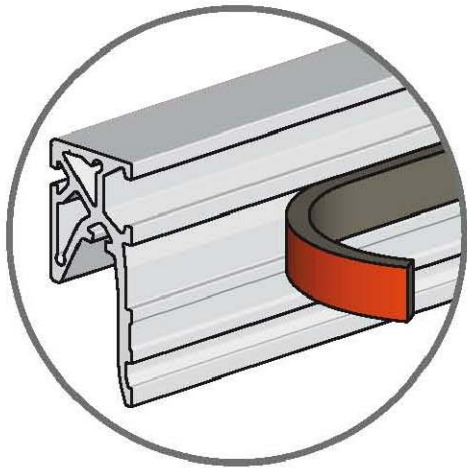
HS-S Zero


uniform³

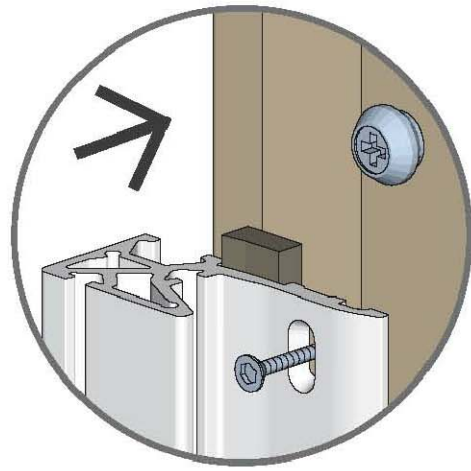
Zoom -

- ① Istruzioni per il montaggio
- ② Einbauanleitung
- ③ Instrucciones de instalacion
- ④ Instructions d'installation
- ⑤ Installation instructions

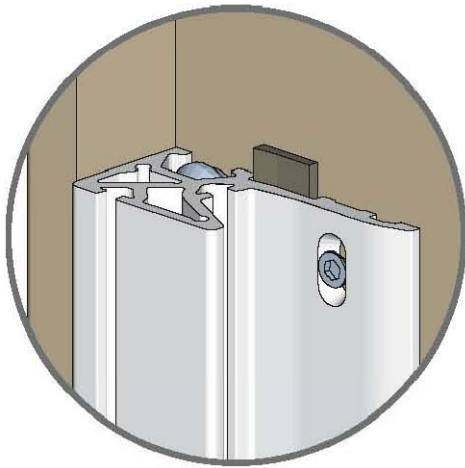




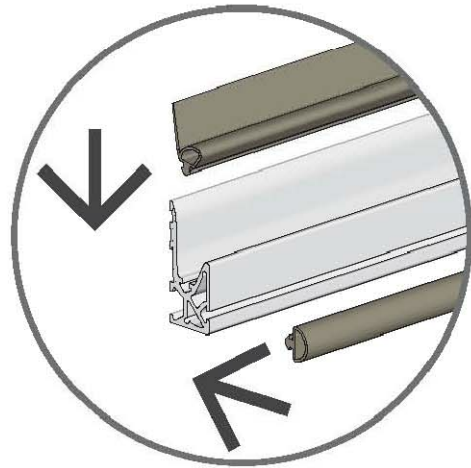
 Applicare un nastro in PVC schiumato da 10 x 3 mm sul lato posteriore



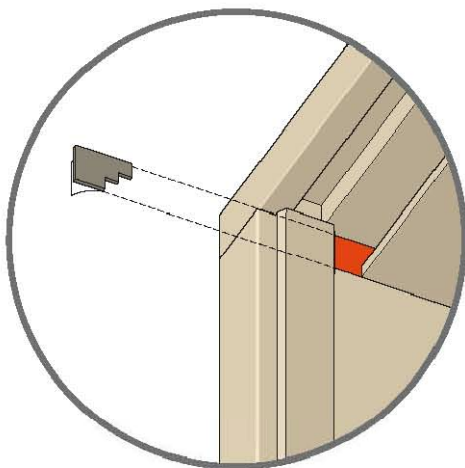
"Clippare" il listello al telaio



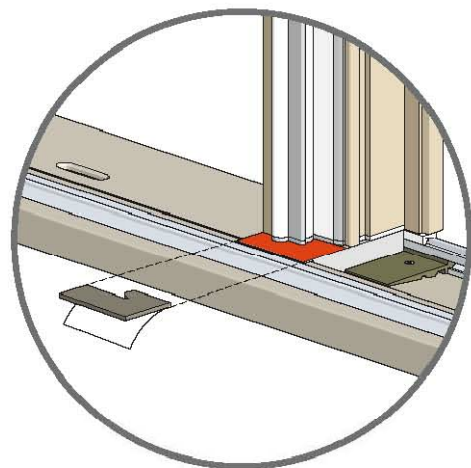
Bloccare il listello, avvitando l'ala con viti Ø 4x30



Inserire le guarnizioni



Incollare la piastra di guarnizione superiore



Incollare la piastra di guarnizione centrale

HS-S Zero

uniform

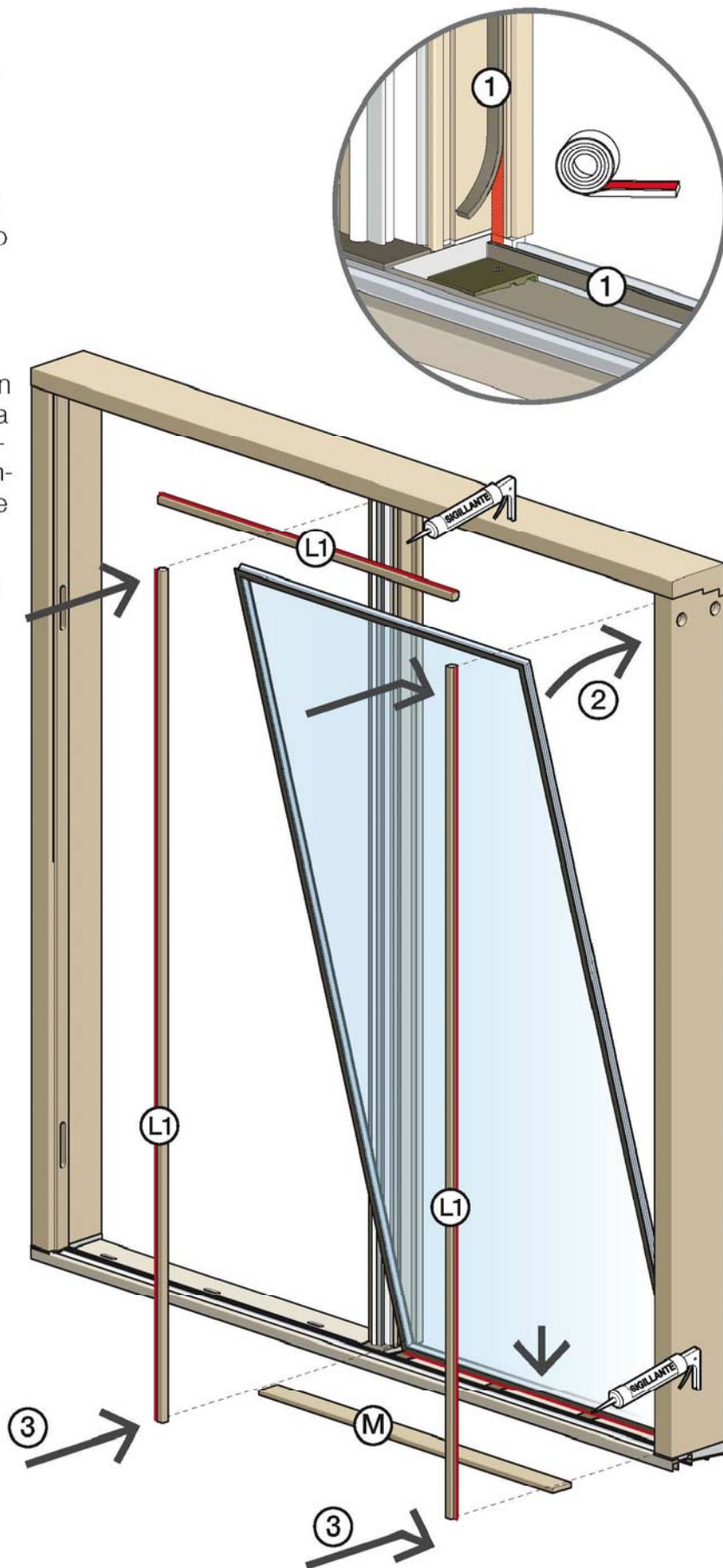
Zoom -

- ① Istruzioni per il montaggio
- ② Einbauanleitung
- ③ Instrucciones de instalacion
- ④ Instructions d'installation
- ⑤ Installation instructions



Assemblaggio Vetrocamera battente fisso

- ① Applicare un nastro in PE autoadesivo per appoggio vetrocamera da 9x2 mm lungo tutto il perimetro di contatto.
- ② Collocare la vetrocamera in sede leggermente inclinata verso l'interno, appoggiandola ai compensatori, quindi farla ruotare in posizione verticale e centrarla.
- ③ Sigillare e applicare i listelli ed il coprifilo interno



HS-S Zero

uniform

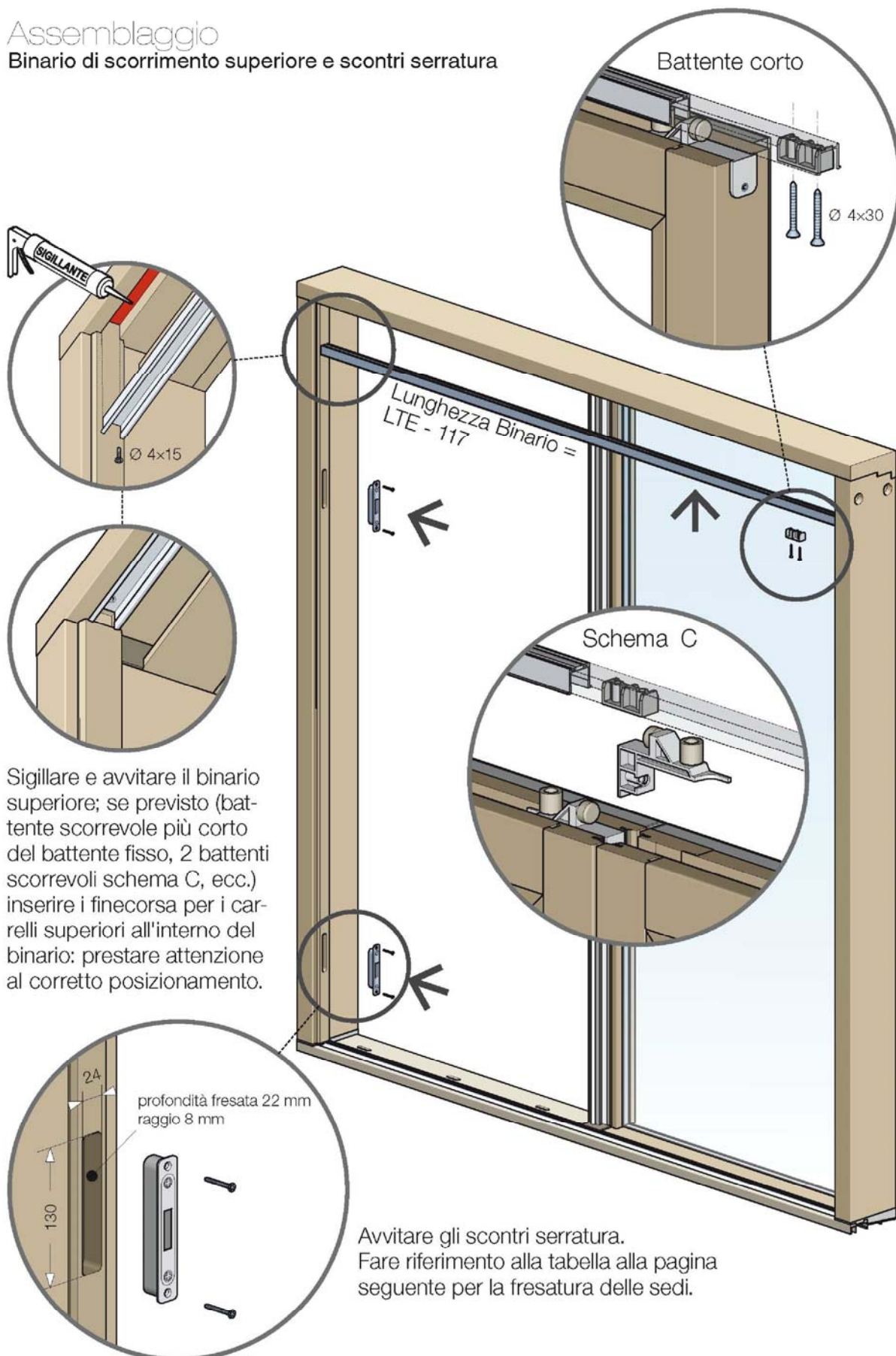
Zoom -

- ① Istruzioni per il montaggio
- ② Einbauanleitung
- ③ Instrucciones de instalacion
- ④ Instructions d'installation
- ⑤ Installation instructions



Assemblaggio

Binario di scorrimento superiore e scontri serratura



Sigillare e avvitare il binario superiore; se previsto (battente scorrevole più corto del battente fisso, 2 battenti scorrevoli schema C, ecc.) inserire i fincorsa per i carrelli superiori all'interno del binario: prestare attenzione al corretto posizionamento.

Avvitare gli scontri serratura. Fare riferimento alla tabella alla pagina seguente per la fresatura delle sedi.

HS-S Zero

uniform

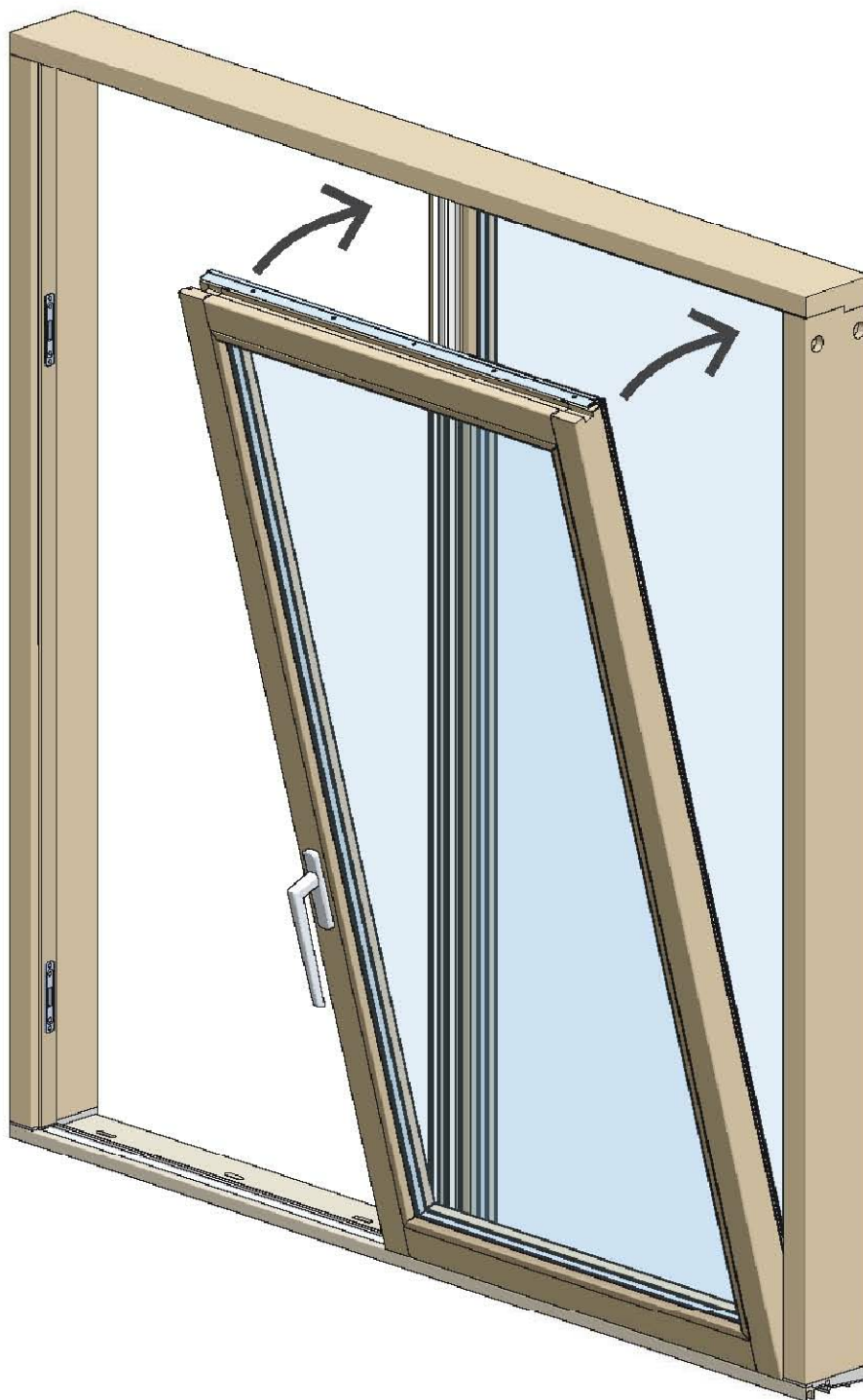
Zoom -

- ① Istruzioni per il montaggio
- ② Einbauanleitung
- ③ Instrucciones de instalacion
- ④ Instructions d'installation
- ⑤ Installation instructions



Assemblaggio

Inserimento del battente scorrevole e lavorazioni finali



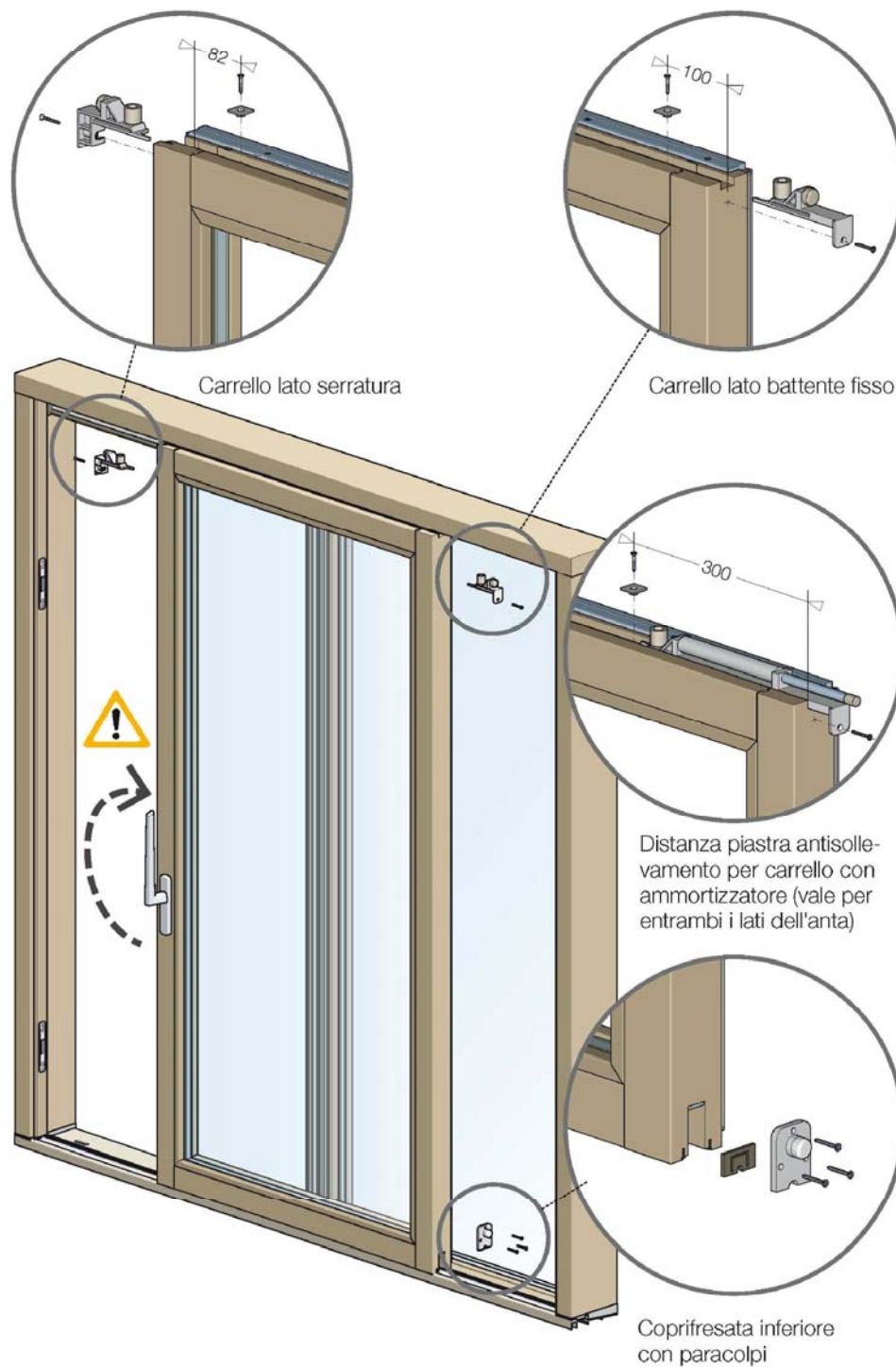
HS-S Zero

uniform³

Zoom -

- ① Istruzioni per il montaggio
- ② Einbauanleitung
- ③ Instrucciones de instalacion
- ④ Instructions d'installation
- ⑤ Installation instructions





Per maggiori informazioni riguardo il montaggio della parte in legno e della ferramenta consultare il manuale tecnico Maico www.maico.com/Download/Maco_rail-systems/Alzanti_Scorrevoli_HS-Standard/Rail_system-HSST-L



HS-S Zero

uniform

Zoom -

- ① Istruzioni per il montaggio
- ② Einbauanleitung
- ③ Instrucciones de instalacion
- ④ Instructions d'installation
- ⑤ Installation instructions

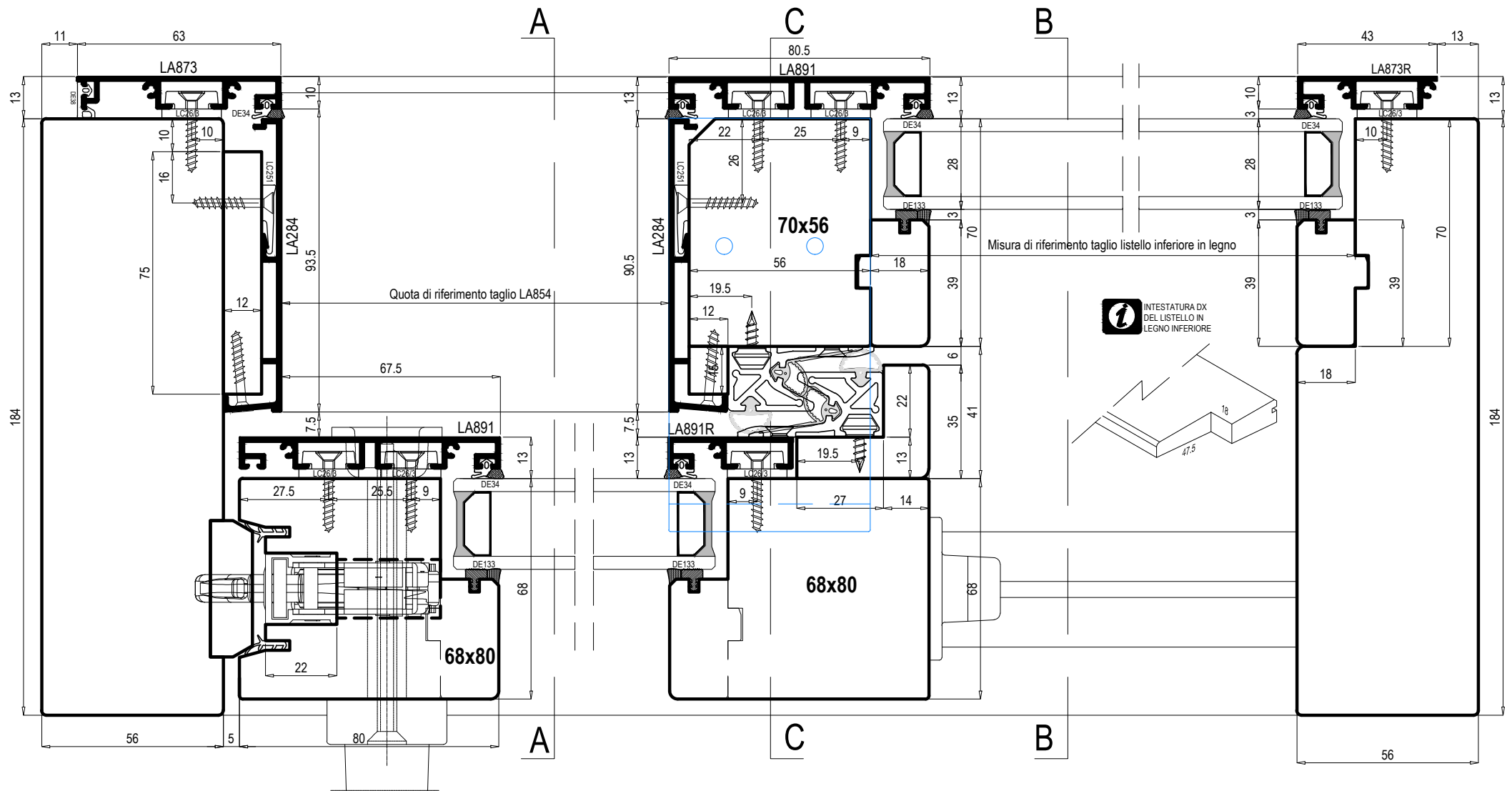


HS-S Zero - 68x80 mm
HS-S Zero system - 68x80mm



uniform 
sistemi per serramenti



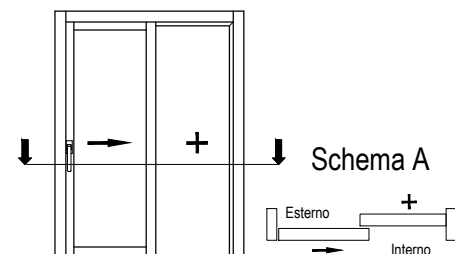


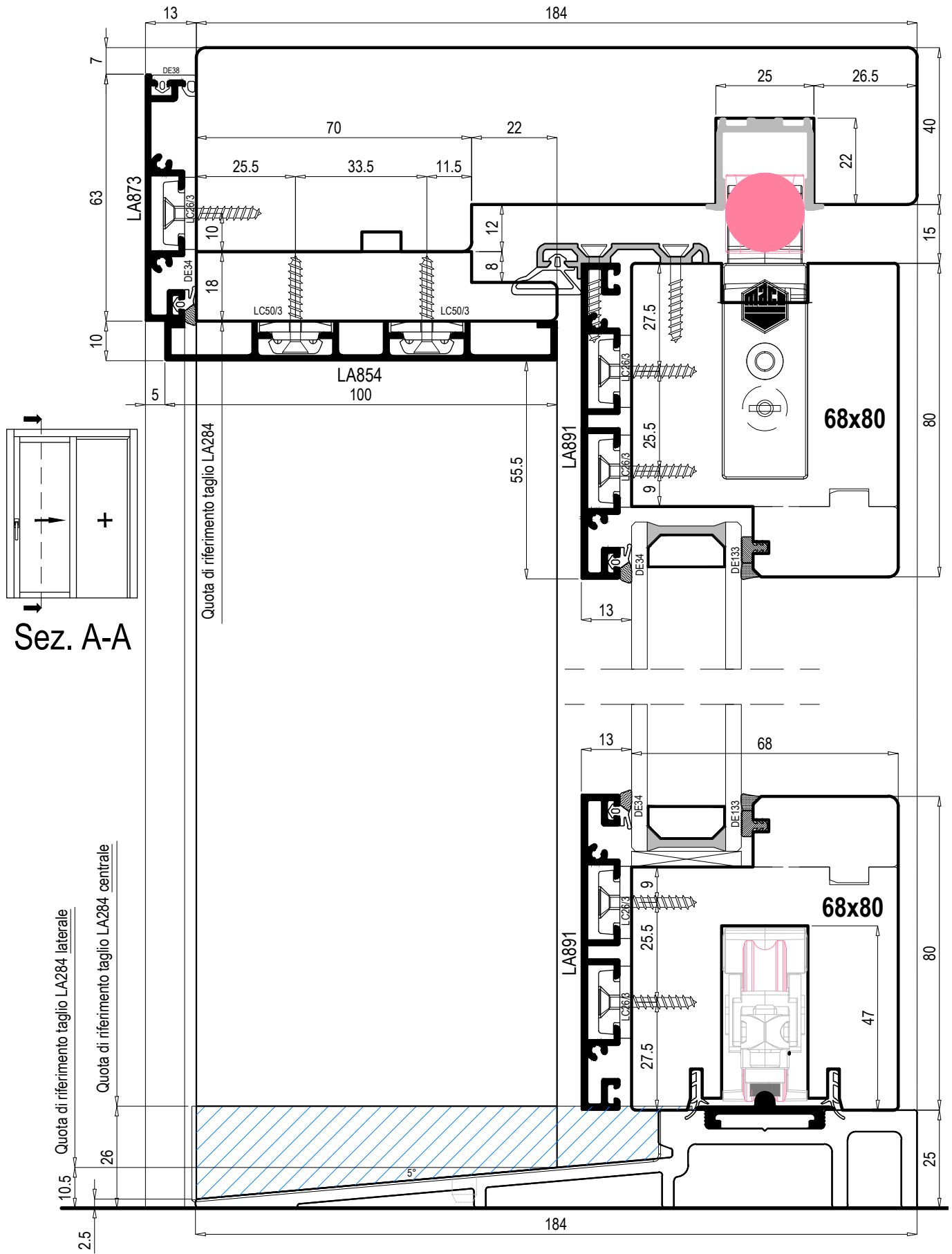
HS-S Zero 68x80mm

uniform

Zoom 60%

- I** Sezione orizzontale serramento alzante scorrevole sp.68mm
- D** Horizontalschnitt Hebe-Schiebe-Tür Holzstärke 68mm
- E** Sección horizontal corredera elevadora con madera espesor 68mm
- F** Coupe horizontale fenêtre levante-coulissante épaisseur 68mm
- UK** Horizontal section of sliding window-door with a thickness of 68mm





Sez. A-A

Quota di riferimento taglio LA284 laterale
 Quota di riferimento taglio LA284 centrale

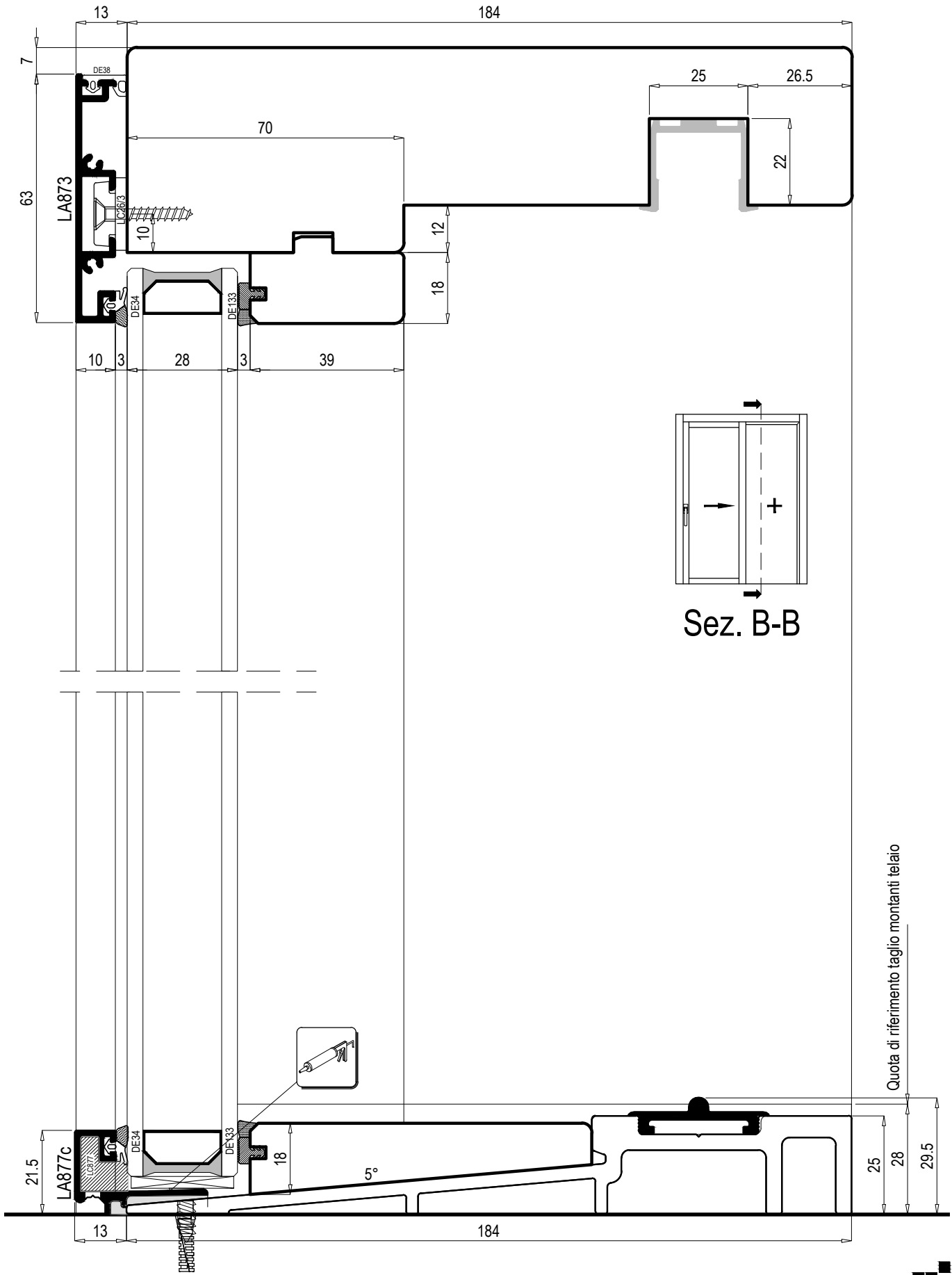
HS-S Zero 68x80mm

uniform

Zoom 75%

- I Sezione verticale serramento alzante scorrevole sp.68mm
- D Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 68mm
- E Sección vertical corredera elevadora con madera espesor 68mm
- F Coupe verticale fenêtre levante-coulissante épaisseur 68mm
- UK Vertical section of sliding window-door with a thickness of 68mm





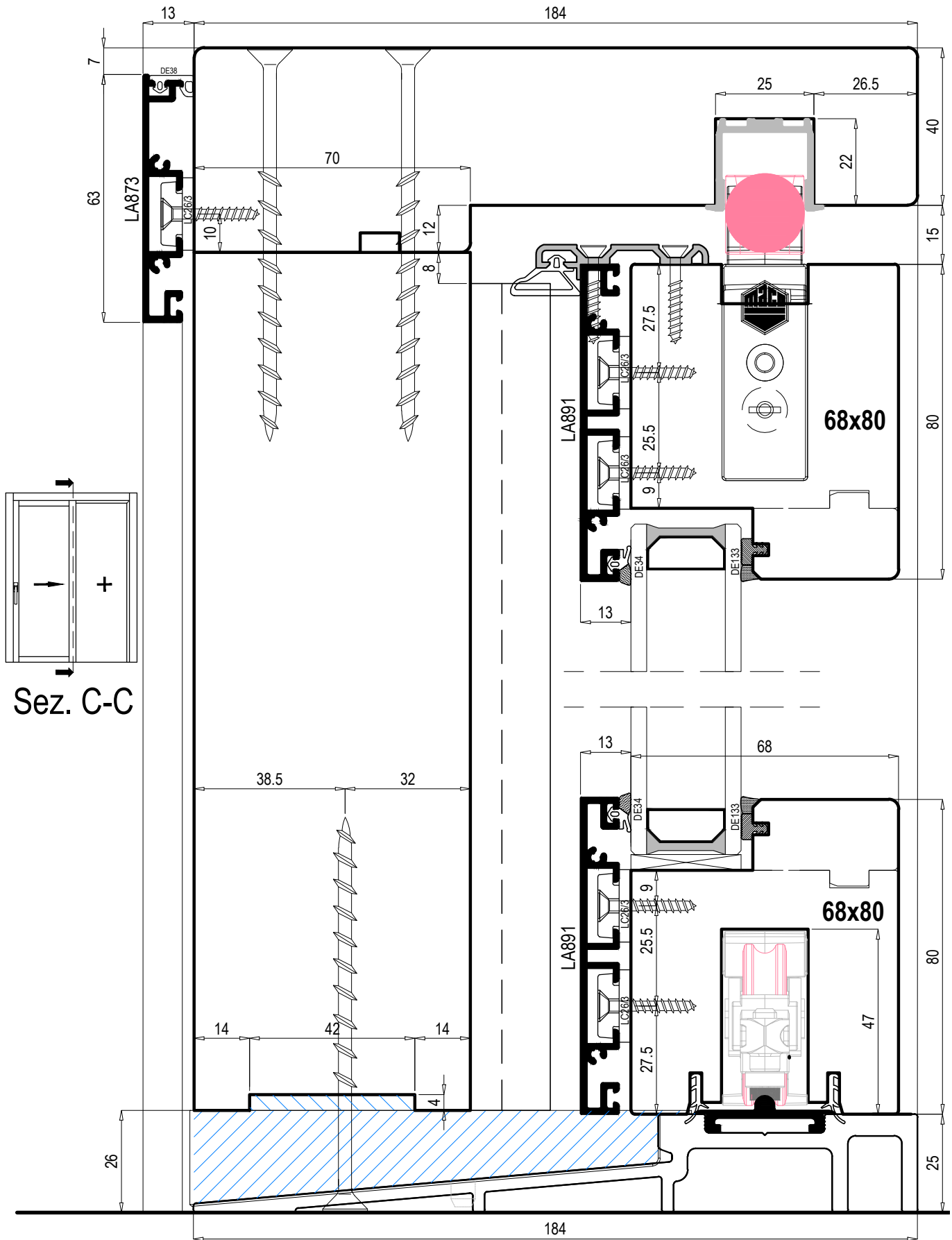
HS-S Zero 68x80mm

uniform

Zoom 75%

- ⓘ Sezione verticale serramento alzante scorrevole sp.68mm
- ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 68mm
- ⓔ Sección vertical corredera elevadora con madera espesor 68mm
- ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 68mm
- Ⓤ Vertical section of sliding window-door with a thickness of 68mm





HS-S Zero 68x80mm

uniform

Zoom 75%

- Ⓡ Sezione verticale serramento alzante scorrevole sp.68mm
- ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 68mm
- ⓔ Sección vertical corredera elevadora con madera espesor 68mm
- ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 68mm
- ⓊK Vertical section of sliding window-door with a thickness of 68mm

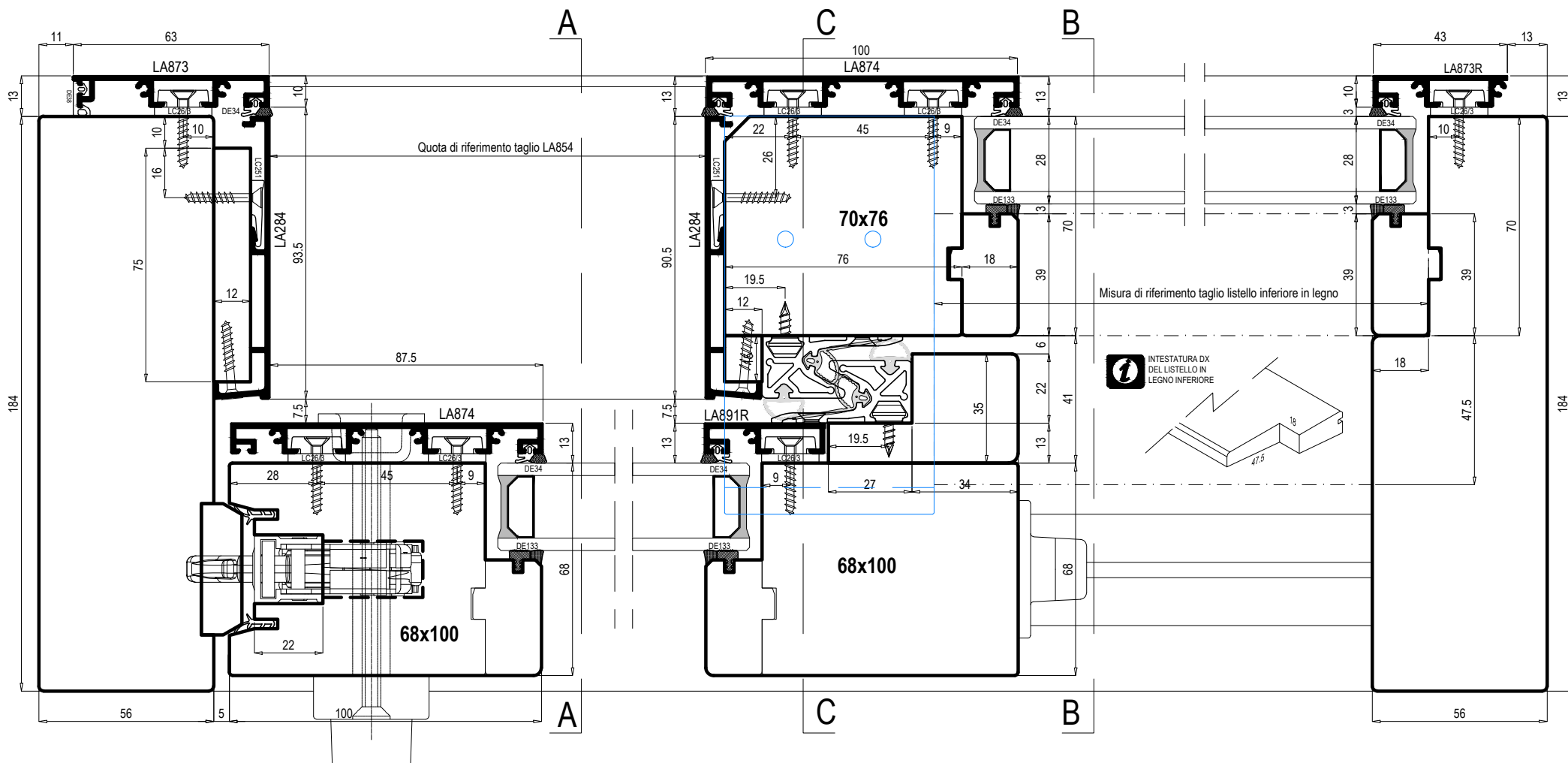


HS-S Zero - 68x100 mm
HS-S Zero system - 68x100mm



uniform 
sistemi per serramenti





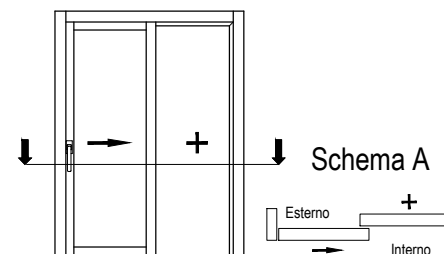
HS-S Zero 68x100mm

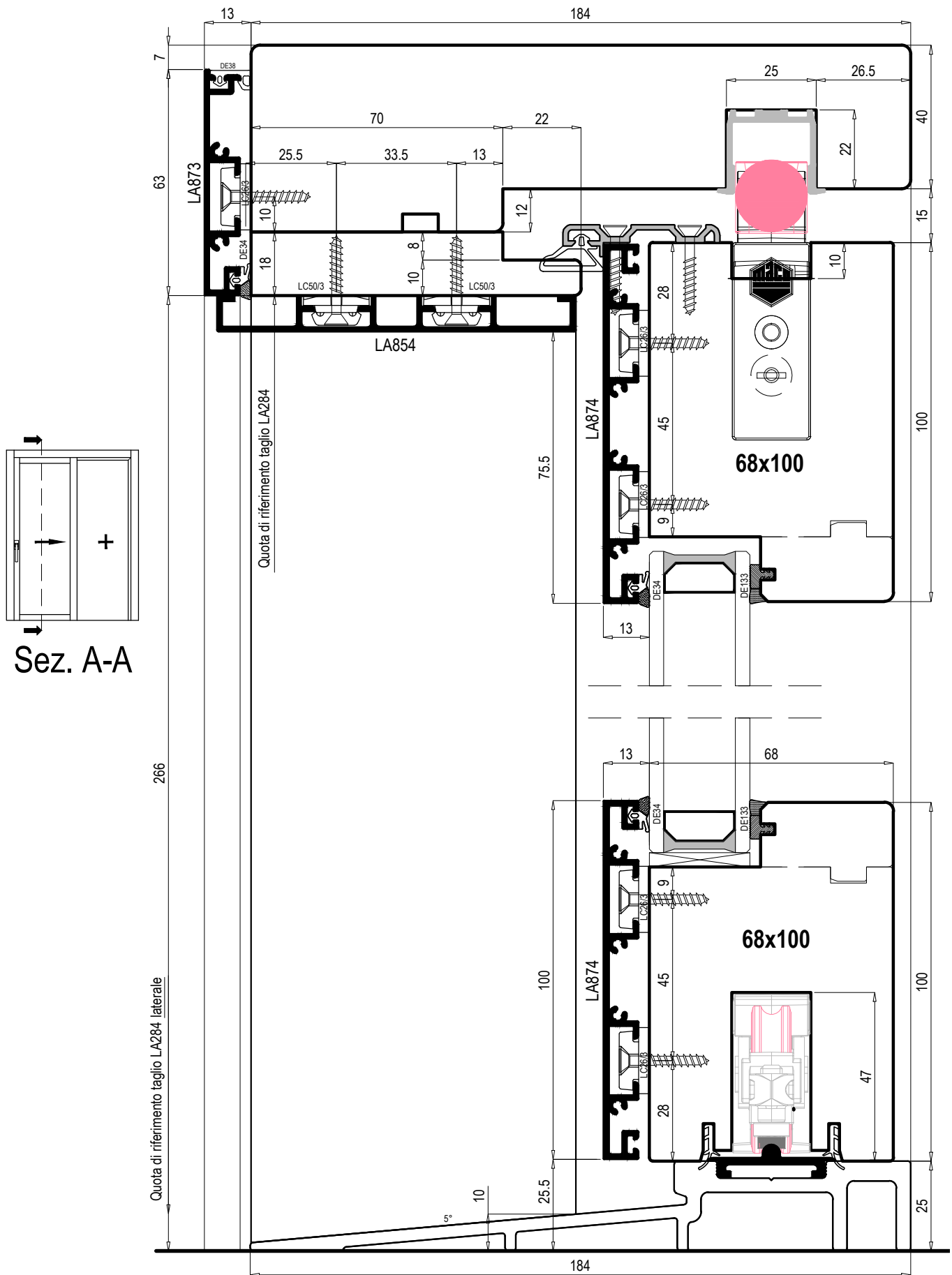
uniform



Zoom 55%

- Ⓘ Sezione orizzontale serramento alzante scorrevole sp.68mm
- Ⓓ Horizontalschnitt Hebe-Schiebe-Tür Holzstärke 68mm
- Ⓔ Sección horizontal corredera elevadora con madera espesor 68mm
- Ⓕ Coupe horizontale fenêtre levante-coulissante épaisseur 68mm
- Ⓚ Horizontal section of sliding window-door with a thickness of 68mm





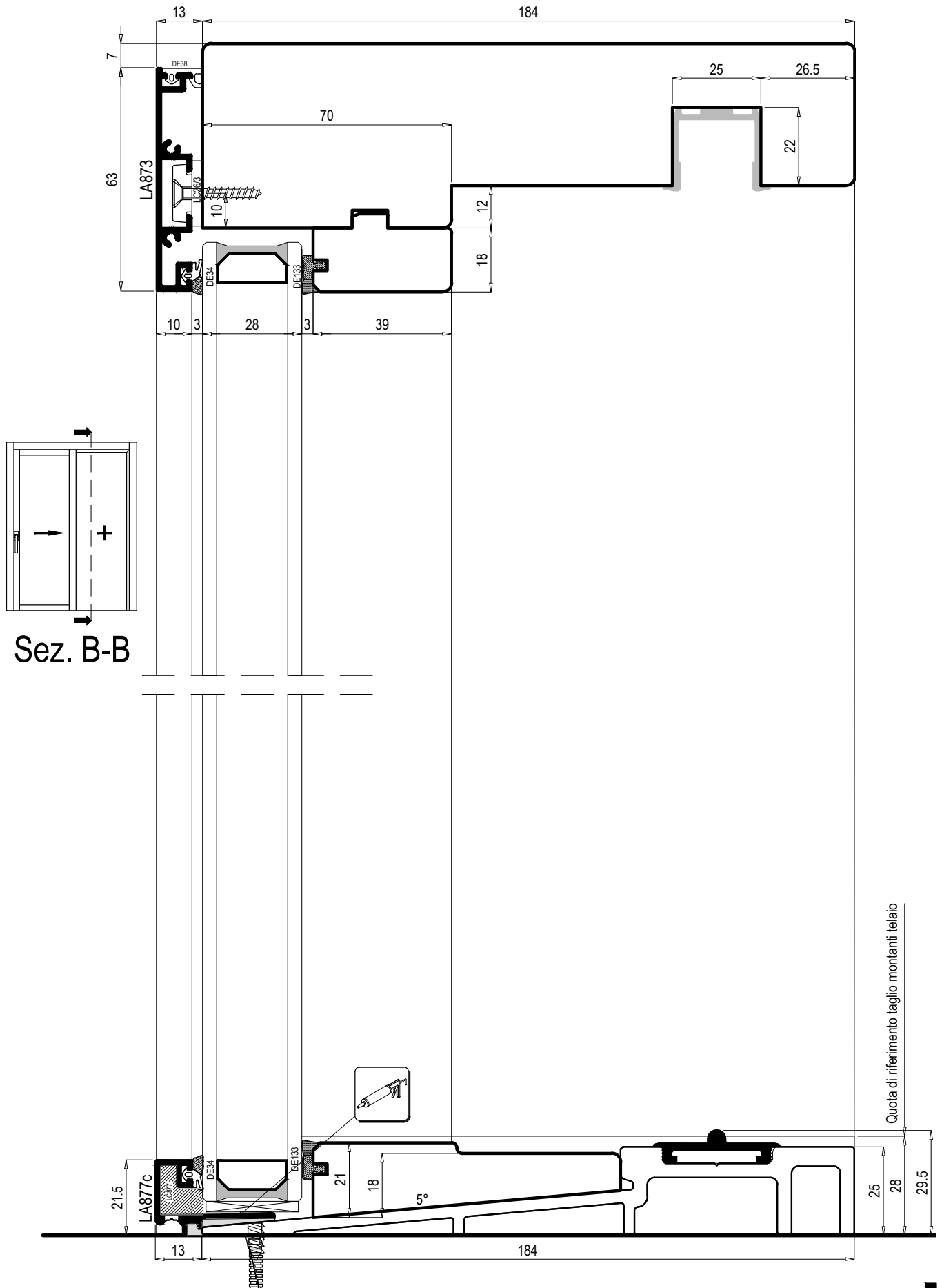
HS-S Zero 68x100mm

uniform

Zoom 68%

- ⓘ Sezione verticale serramento alzante scorrevole sp.68mm
- ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 68mm
- ⓔ Sección vertical corredera elevadora con madera espesor 68mm
- ⓕ Coupe verticale fenêtré levante-coulissant épaisseur 68mm
- Ⓤ Vertical section of sliding window-door with a thickness of 68mm





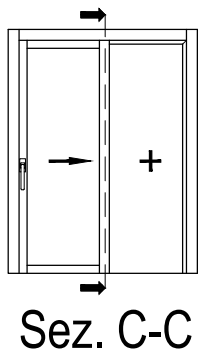
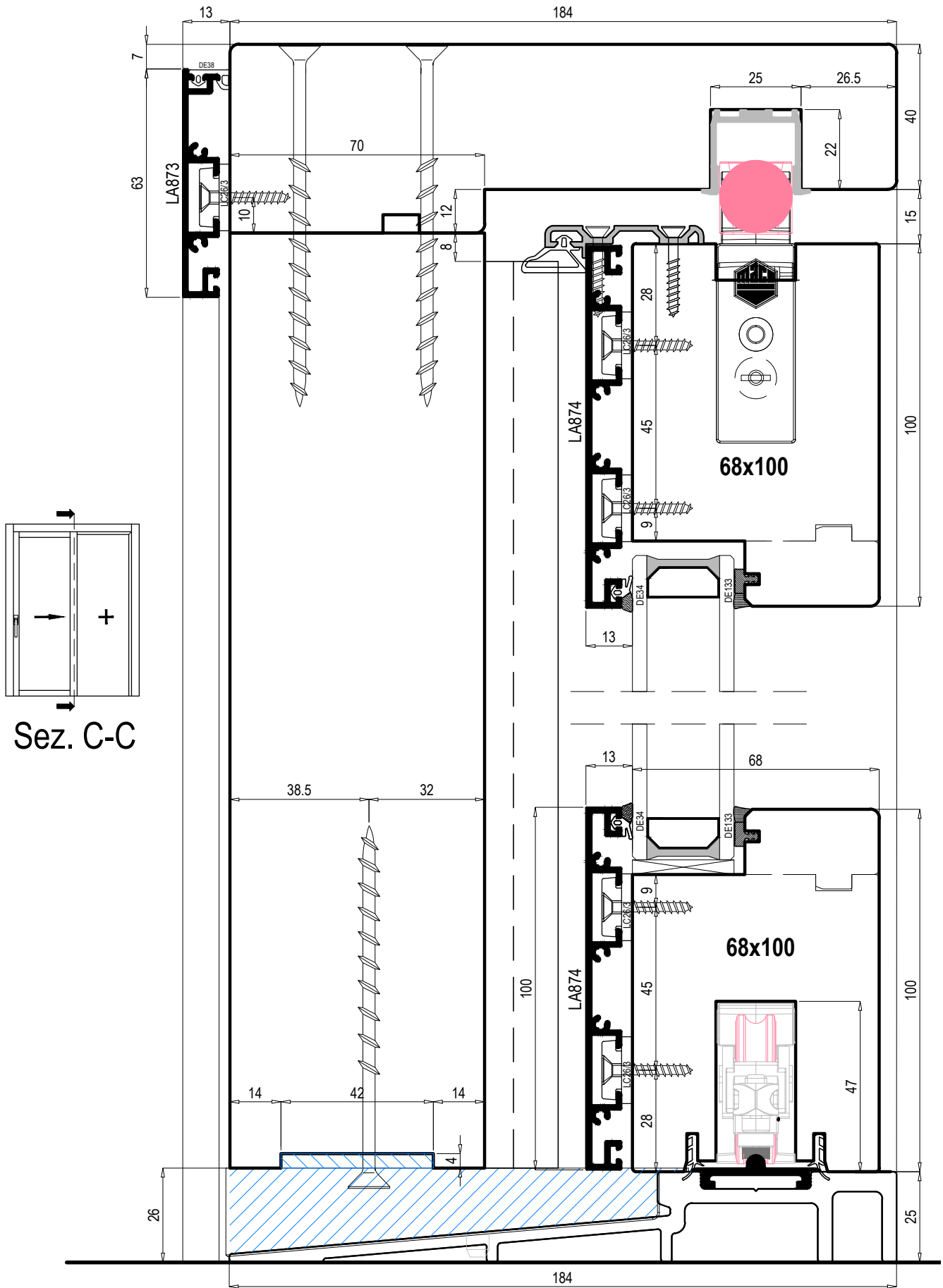
HS-S Zero 68x100mm

uniform

Zoom 68%

- Ⓘ Sezione verticale serramento alzante scorrevole sp.68mm
- Ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 68mm
- Ⓔ Sección vertical corredera elevadora con madera espesor 68mm
- Ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 68mm
- Ⓖ Vertical section of sliding window-door with a thickness of 68mm





HS-S Zero 68x100mm

uniform

Zoom 68%

- ⓘ Sezione verticale serramento alzante scorrevole sp.68mm
- ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 68mm
- ⓔ Sección vertical corredera elevadora con madera espesor 68mm
- ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 68mm
- ⓊK Vertical section of sliding window-door with a thickness of 68mm

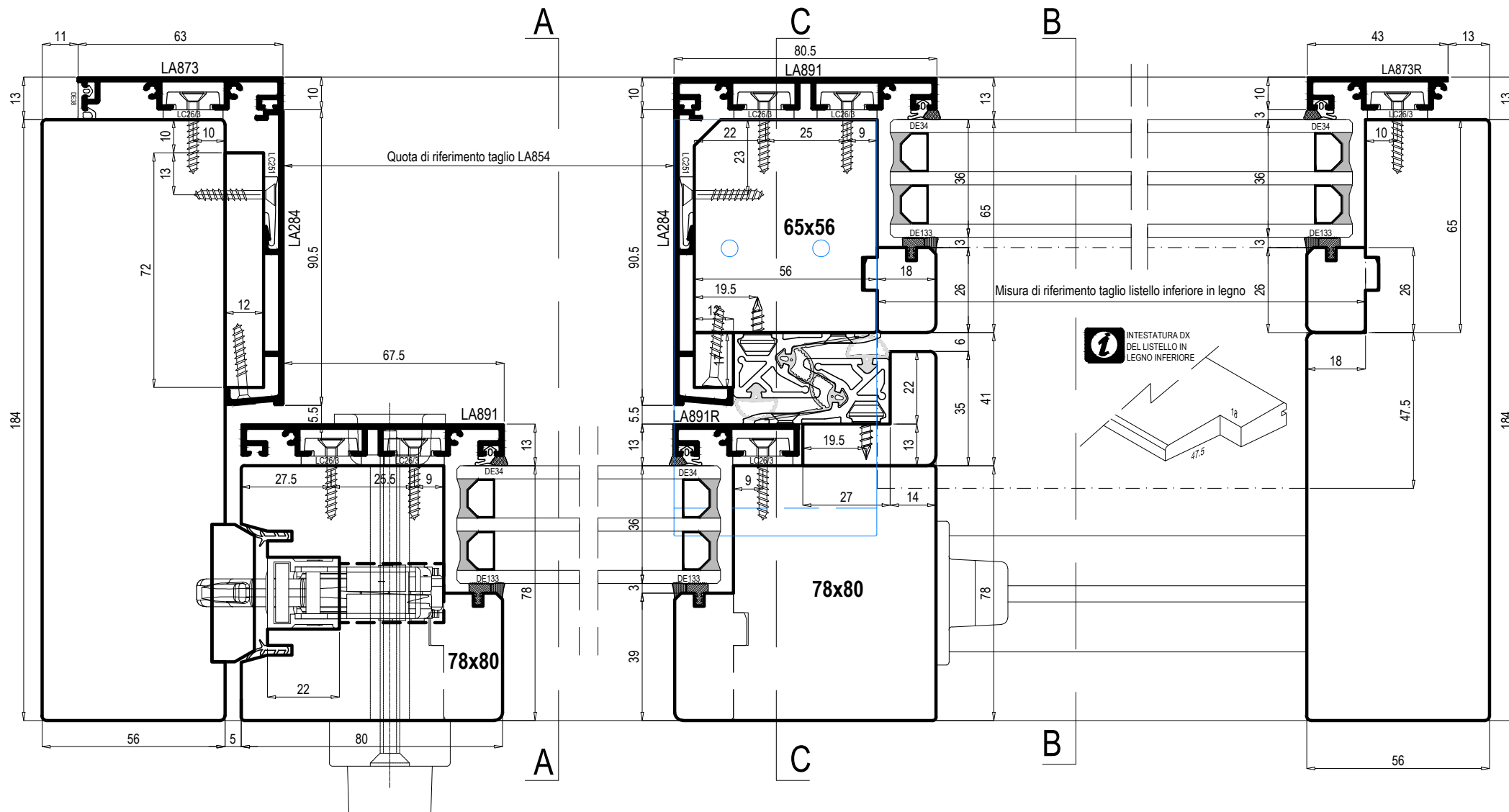


HS-S Zero - 78x80mm
HS-S Zero system - 78x80mm



uniform 
sistemi per serramenti





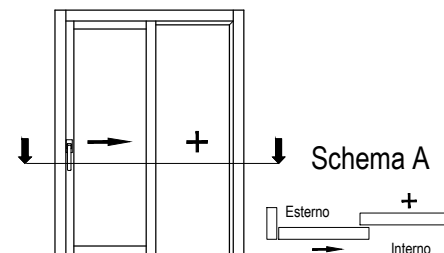
HS-S Zero 78x80mm

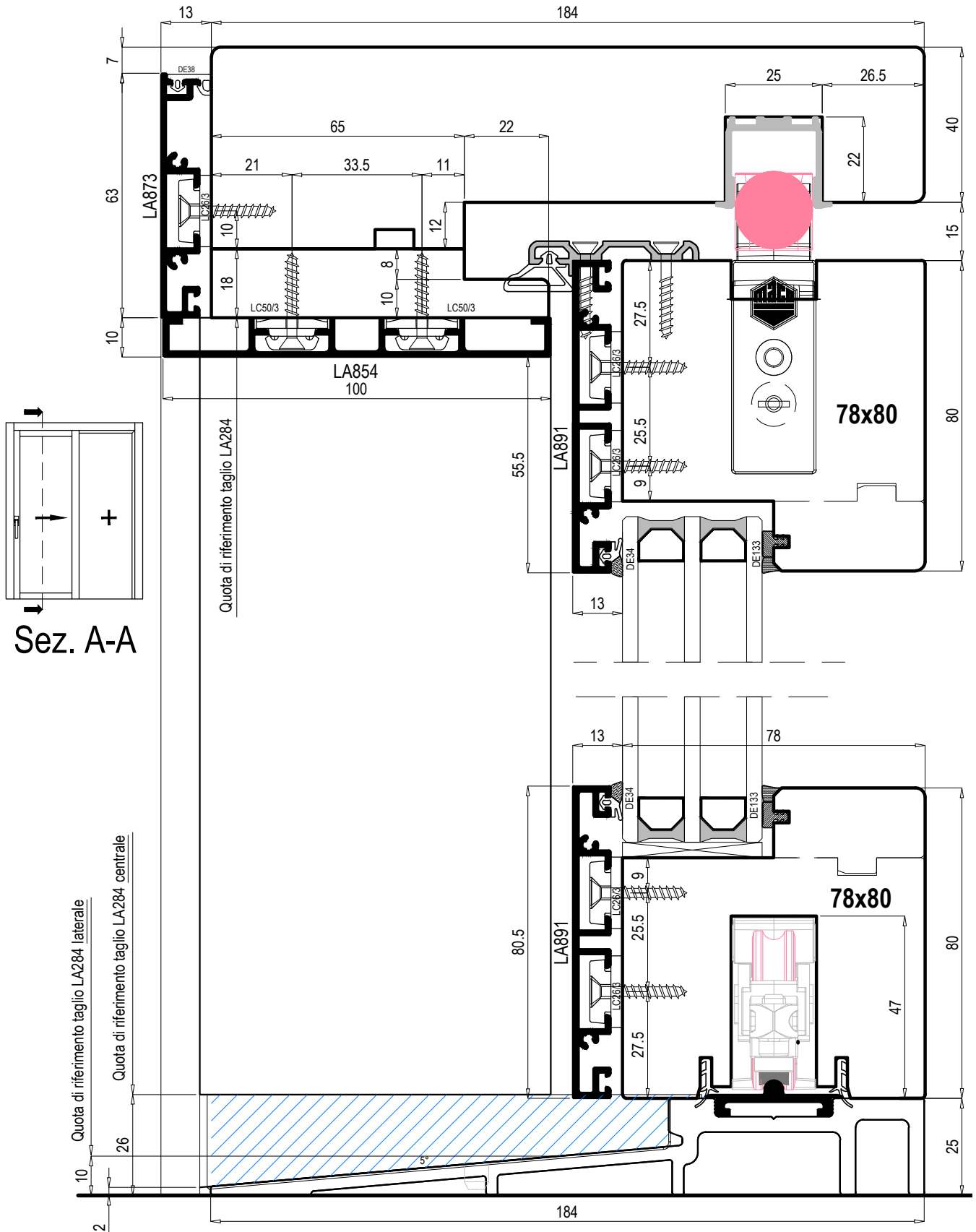
uniform



Zoom 60%

- Ⓘ Sezione orizzontale serramento alzante scorrevole sp.78mm
- Ⓓ Horizontalschnitt Hebe-Schiebe-Tür Holzstärke 78mm
- Ⓔ Sección horizontal corredera elevadora con madera espesor 78mm
- Ⓕ Coupe horizontale fenêtre levante-coulissante épaisseur 78mm
- Ⓚ Horizontal section of sliding window-door with a thickness of 78mm





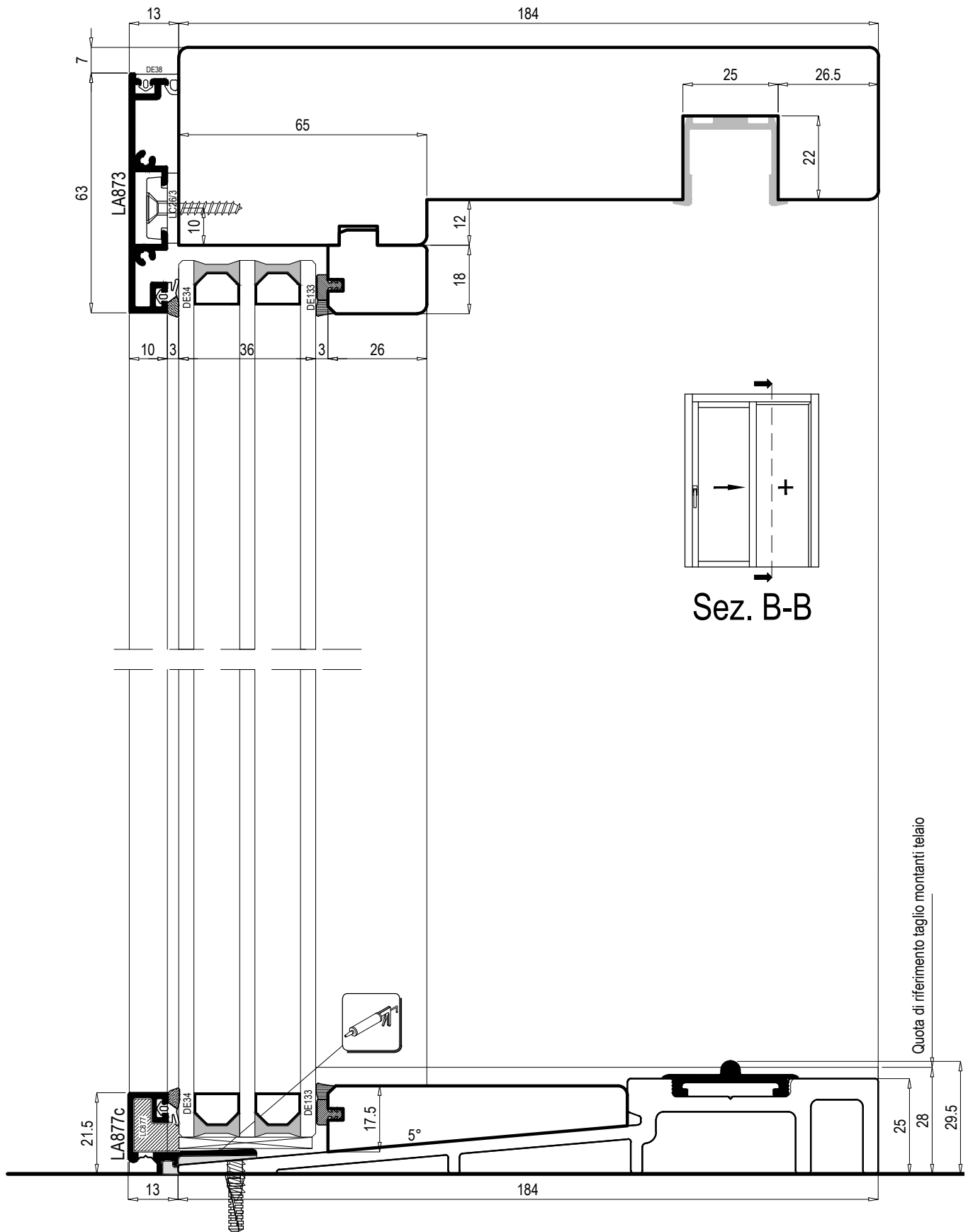
HS-S Zero 78x80mm

uniform

Zoom 71%

- Ⓘ Sezione verticale serramento alzante scorrevole sp.78mm
- Ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 78mm
- Ⓔ Sección vertical corredera elevadora con madera espesor 78mm
- Ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 78mm
- Ⓖ Vertical section of sliding window-door with a thickness of 78mm





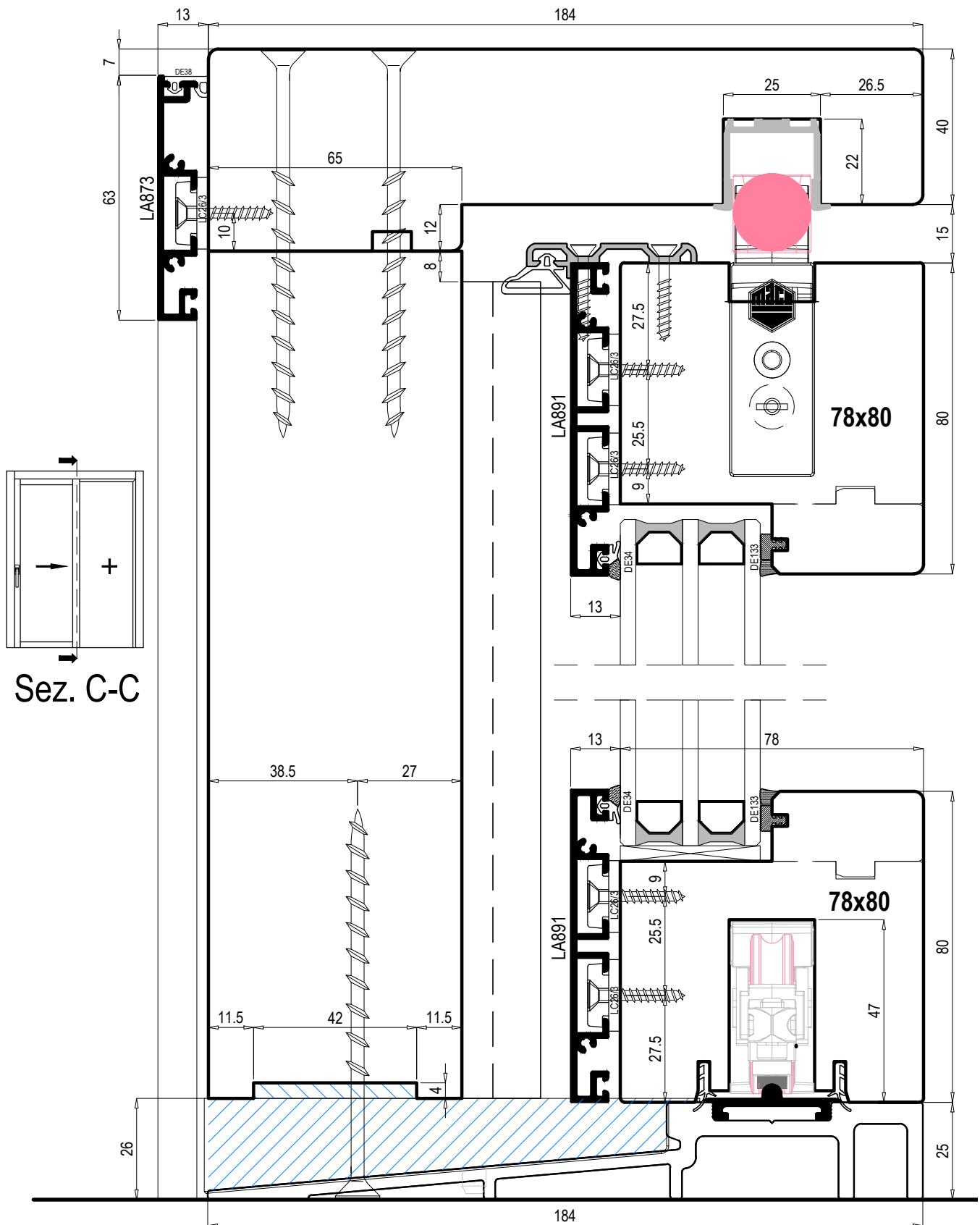
HS-S Zero 78x80mm

uniform

Zoom 71%

- ⓘ Sezione verticale serramento alzante scorrevole sp.78mm
- ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 78mm
- ⓔ Sección vertical corredera elevadora con madera espesor 78mm
- ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 78mm
- ⓊK Vertical section of sliding window-door with a thickness of 78mm





Sez. C-C

HS-S Zero 78x80mm

uniform

Zoom 75%

- Ⓘ Sezione verticale serramento alzante scorrevole sp.78mm
- Ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 78mm
- Ⓔ Sección vertical corredera elevadora con madera espesor 78mm
- Ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 78mm
- Ⓖ Vertical section of sliding window-door with a thickness of 78mm

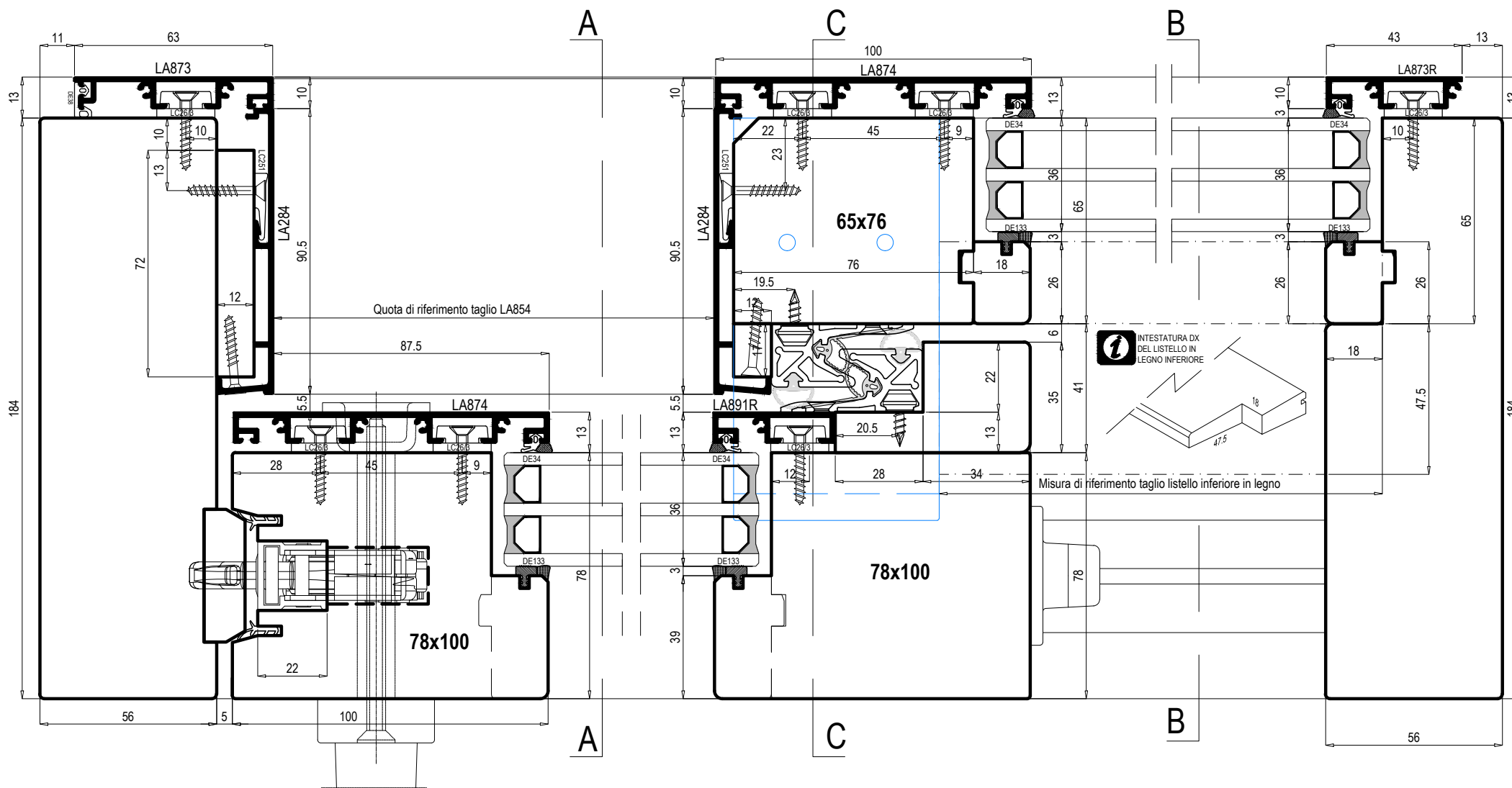


HS Zero - 78x100mm
HS Zero system - 78x100mm



uniform 
sistemi per serramenti





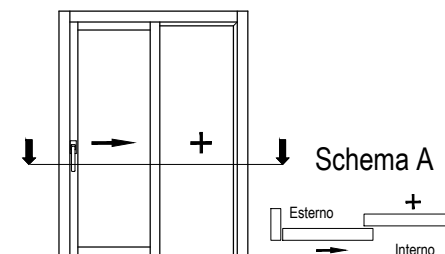
HS-S Zero 78x100mm

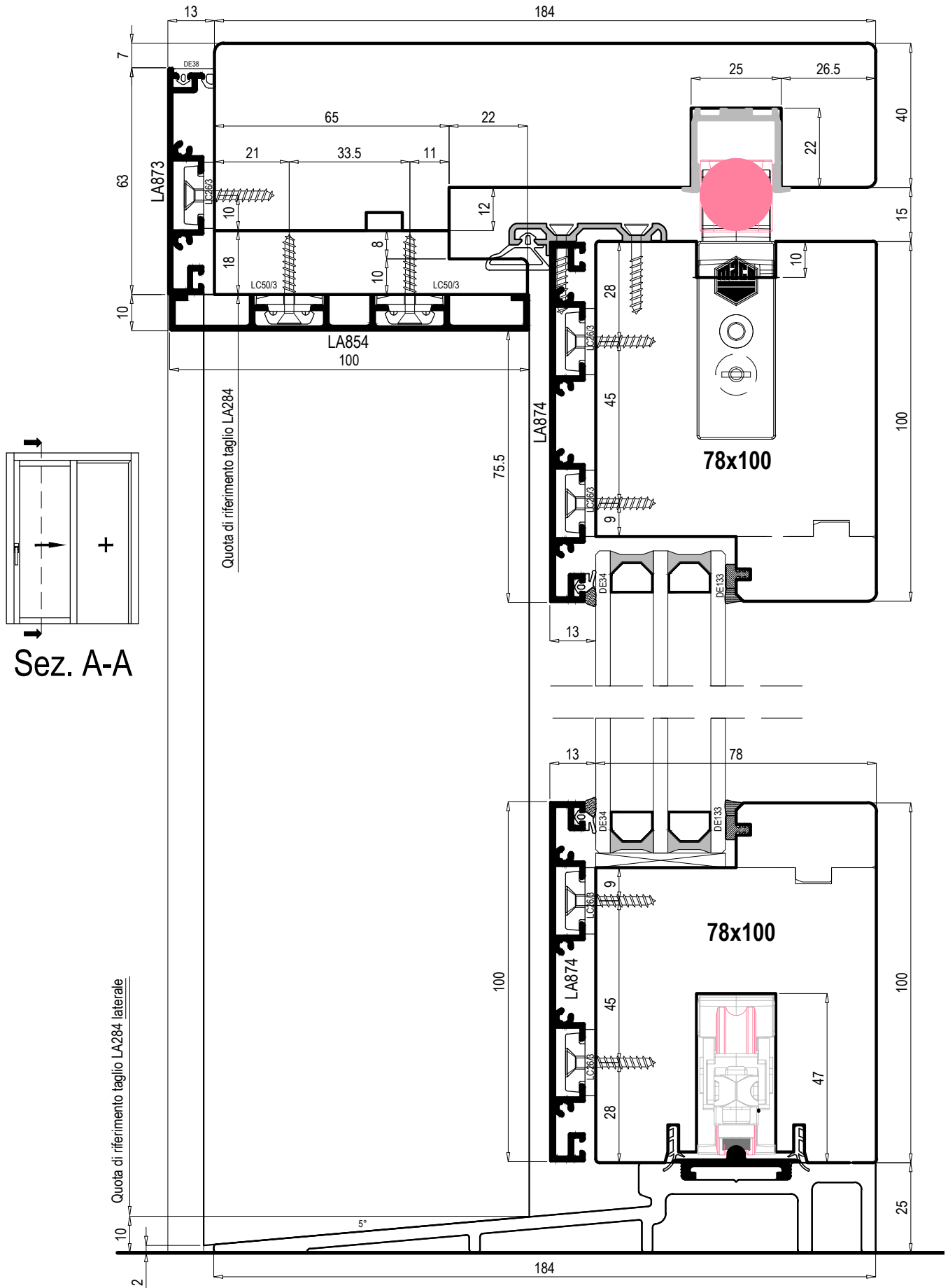
uniform



Zoom 58%

- Ⓘ Sezione orizzontale serramento alzante scorrevole sp.78mm
- Ⓓ Horizontalschnitt Hebe-Schiebe-Tür Holzstärke 78mm
- Ⓔ Sección horizontal corredera elevadora con madera espesor 78mm
- Ⓕ Coupe horizontale fenêtre levante-coulissante épaisseur 78mm
- ⓀⓇ Horizontal section of sliding window-door with a thickness of 78mm





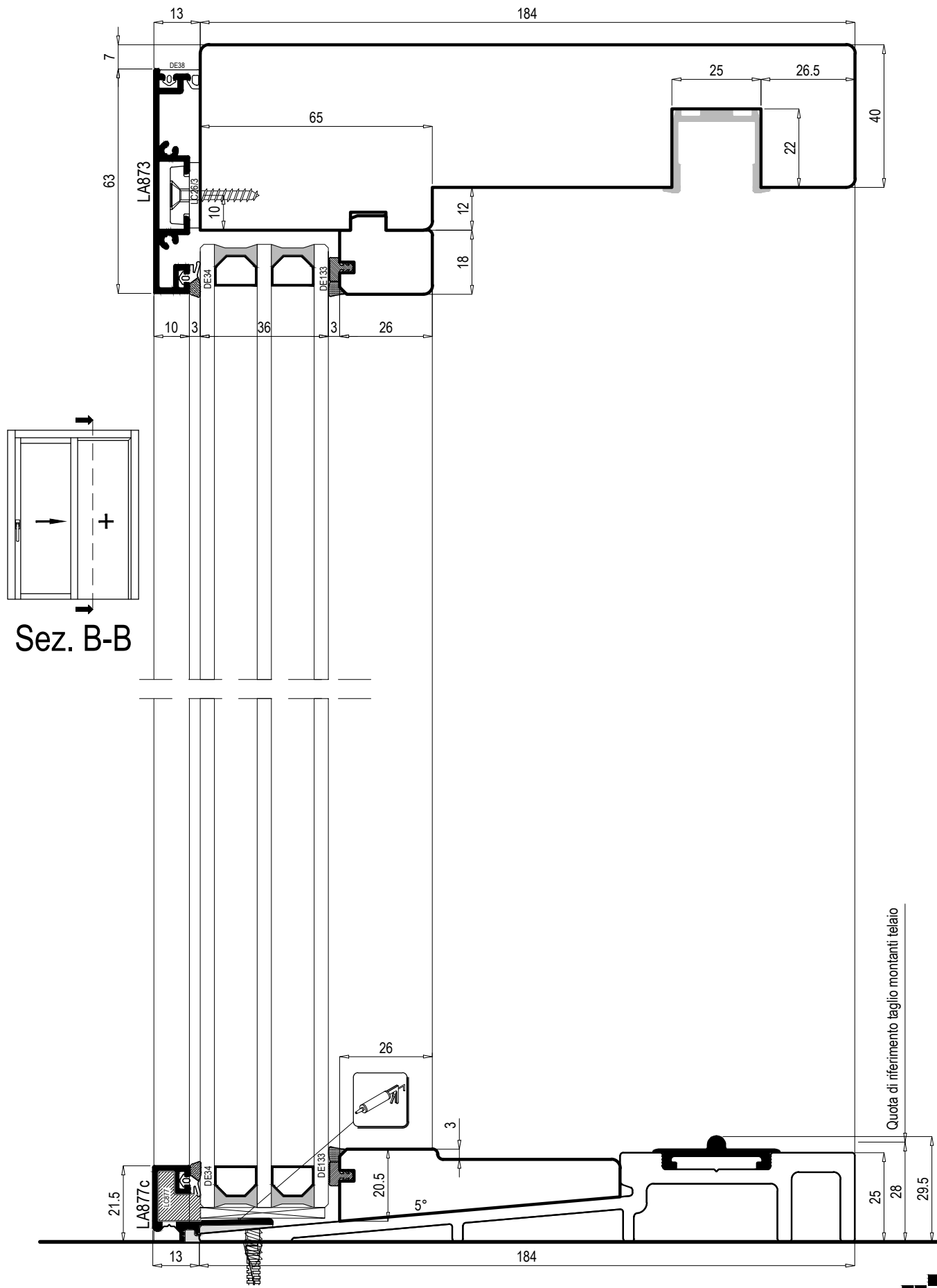
HS-S Zero 78x100mm

uniform

Zoom 68%

- Ⓘ Sezione verticale serramento alzante scorrevole sp.78mm
- Ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 78mm
- Ⓔ Sección vertical corredera elevadora con madera espesor 78mm
- Ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 78mm
- Ⓖ Vertical section of sliding window-door with a thickness of 78mm





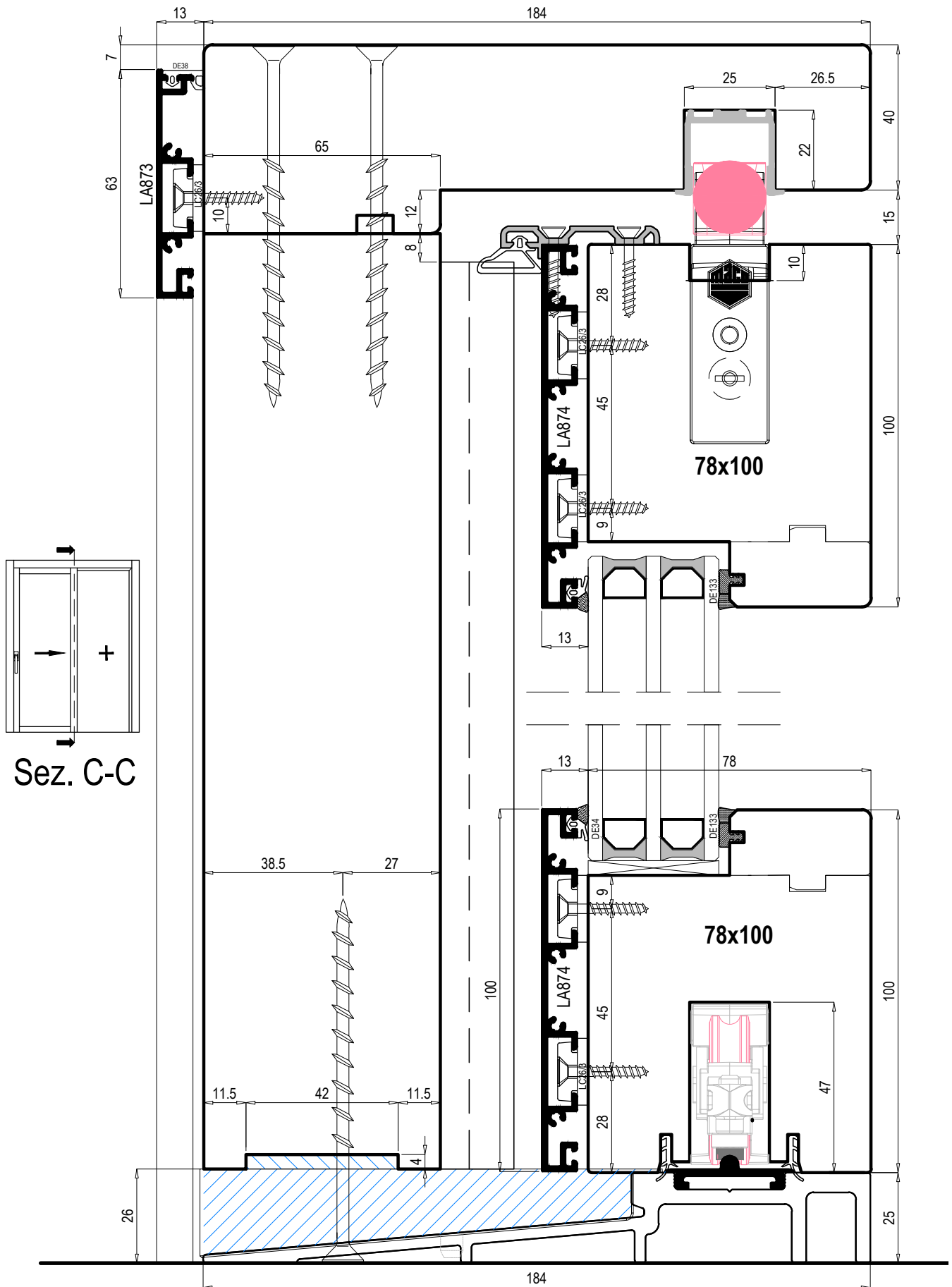
HS-S Zero 78x100mm

uniform

Zoom 68%

- Ⓘ Sezione verticale serramento alzante scorrevole sp.78mm
- Ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 78mm
- Ⓔ Sección vertical corredera elevadora con madera espesor 78mm
- Ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 78mm
- Ⓚ Vertical section of sliding window-door with a thickness of 78mm





Sez. C-C

HS-S Zero 78x100mm

uniform

Zoom 68%

- Ⓘ Sezione verticale serramento alzante scorrevole sp.78mm
- Ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 78mm
- Ⓔ Sección vertical corredera elevadora con madera espesor 78mm
- Ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 78mm
- ⒼⓀ Vertical section of sliding window-door with a thickness of 78mm



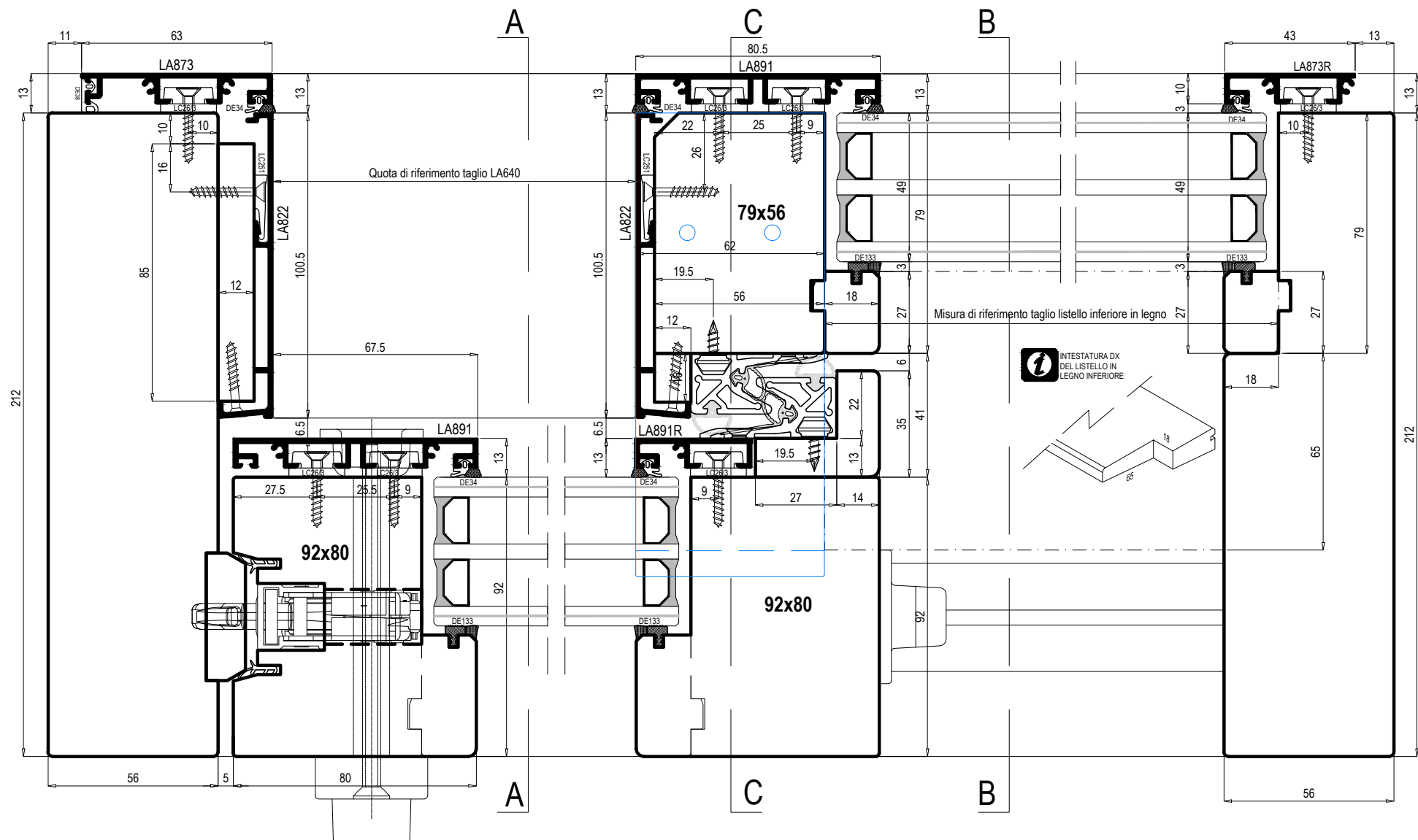
HS-S Zero - 92x80 mm
HS-S Zero system - 92x80mm

uniform 
sistemi per serramenti



uniform
sistemi per serramenti





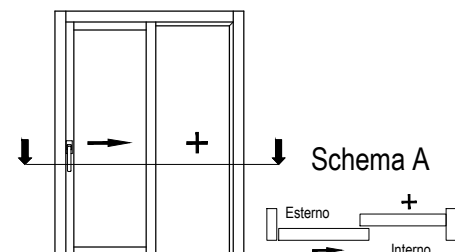
HS-S Zero 92x80mm

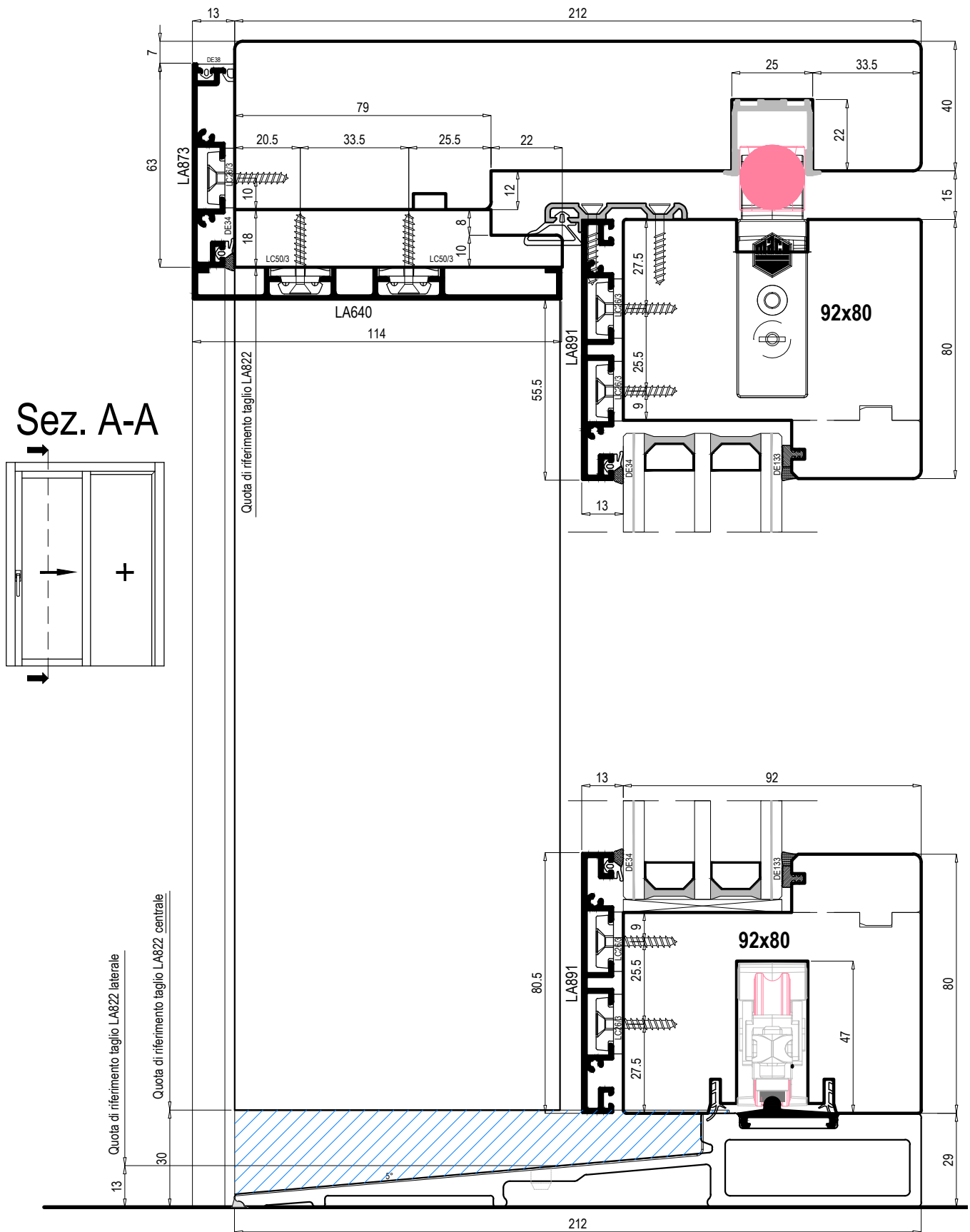
uniform



Zoom 55%

- Ⓘ Sezione orizzontale serramento alzante scorrevole sp.92mm
- Ⓓ Horizontalschnitt Hebe-Schiebe-Tür Holzstärke 92mm
- Ⓔ Sección horizontal corredera elevadora con madera espesor 92mm
- Ⓕ Coupe horizontale fenêtre levante-coulissante épaisseur 92mm
- ⒼⓀ Horizontal section of sliding window-door with a thickness of 92mm





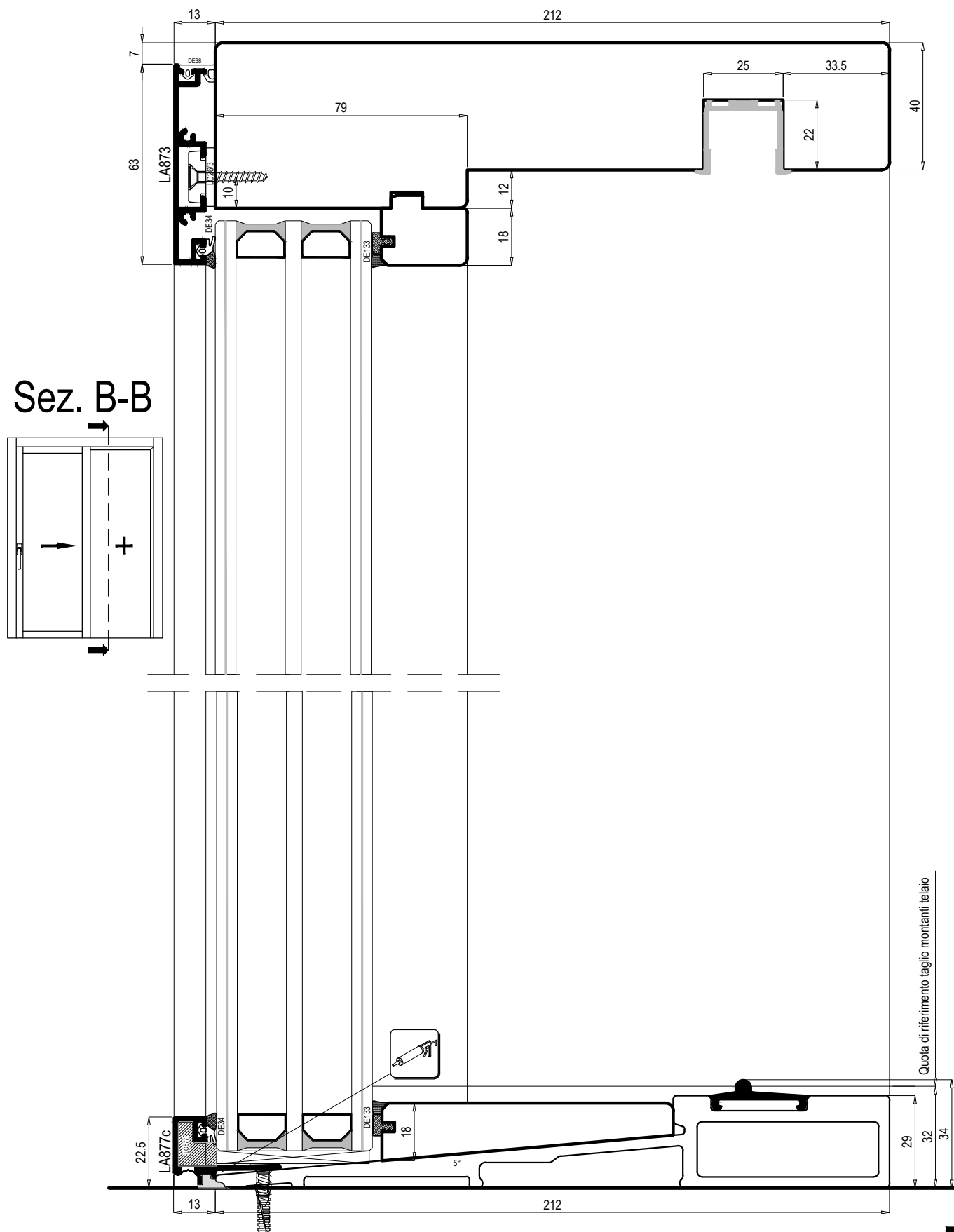
HS-S Zero 92x80mm

uniform

Zoom 60%

- ⓘ Sezione verticale serramento alzante scorrevole sp.92mm
- ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 92mm
- ⓔ Sección vertical corredera elevadora con madera espesor 92mm
- ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 92mm
- ⓊK Vertical section of sliding window-door with a thickness of 92mm





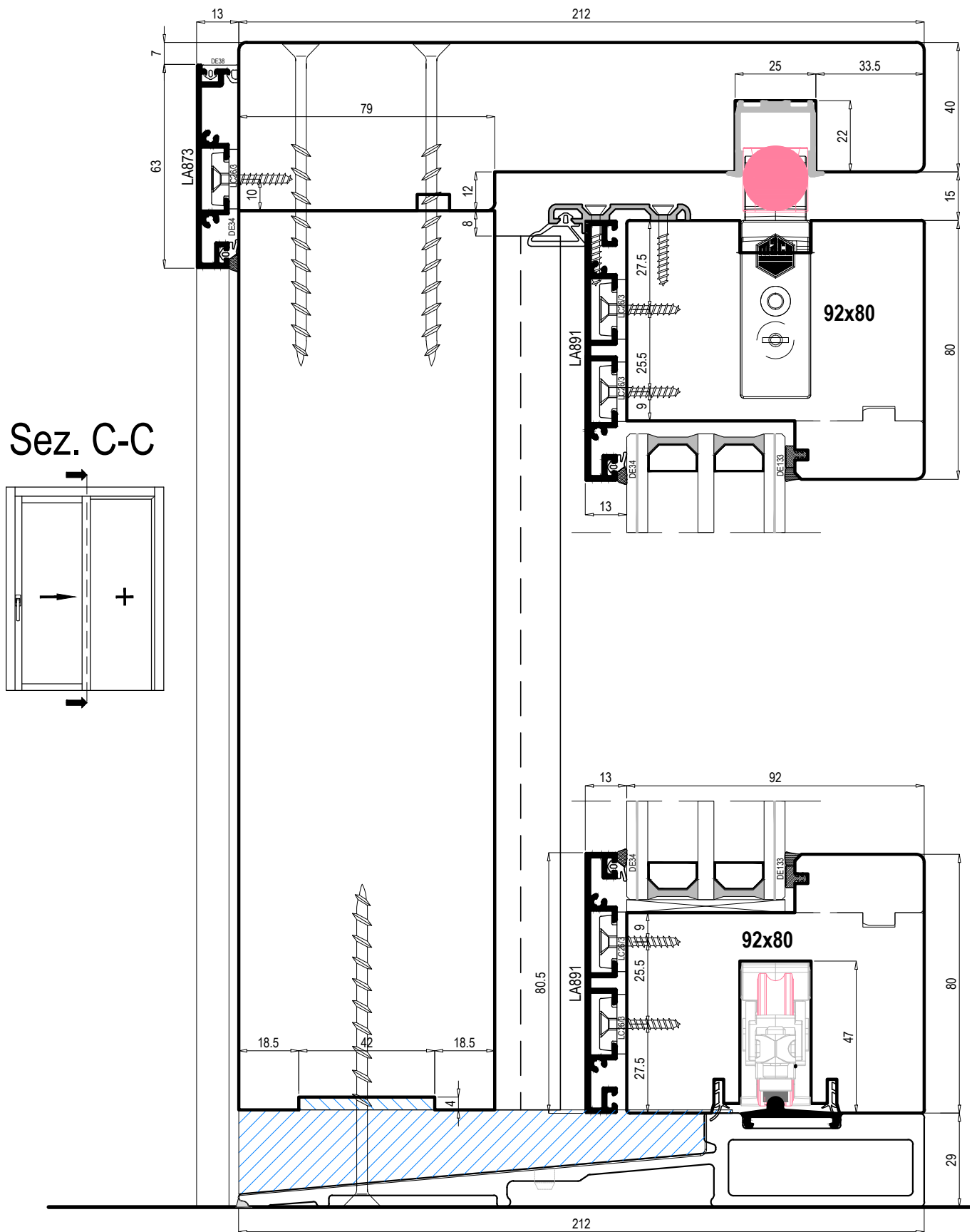
HS-S Zero 92x80mm

uniform

Zoom 60%

- ⓘ Sezione verticale serramento alzante scorrevole sp.92mm
- ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 92mm
- ⓔ Sección vertical corredera elevadora con madera espesor 92mm
- ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 92mm
- ⓊK Vertical section of sliding window-door with a thickness of 92mm





HS-S Zero 92x80mm

uniform

Zoom 60%

- ⓘ Sezione verticale serramento alzante scorrevole sp.92mm
- ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 92mm
- ⓔ Sección vertical corredera elevadora con madera espesor 92mm
- ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 92mm
- ⓊK Vertical section of sliding window-door with a thickness of 92mm



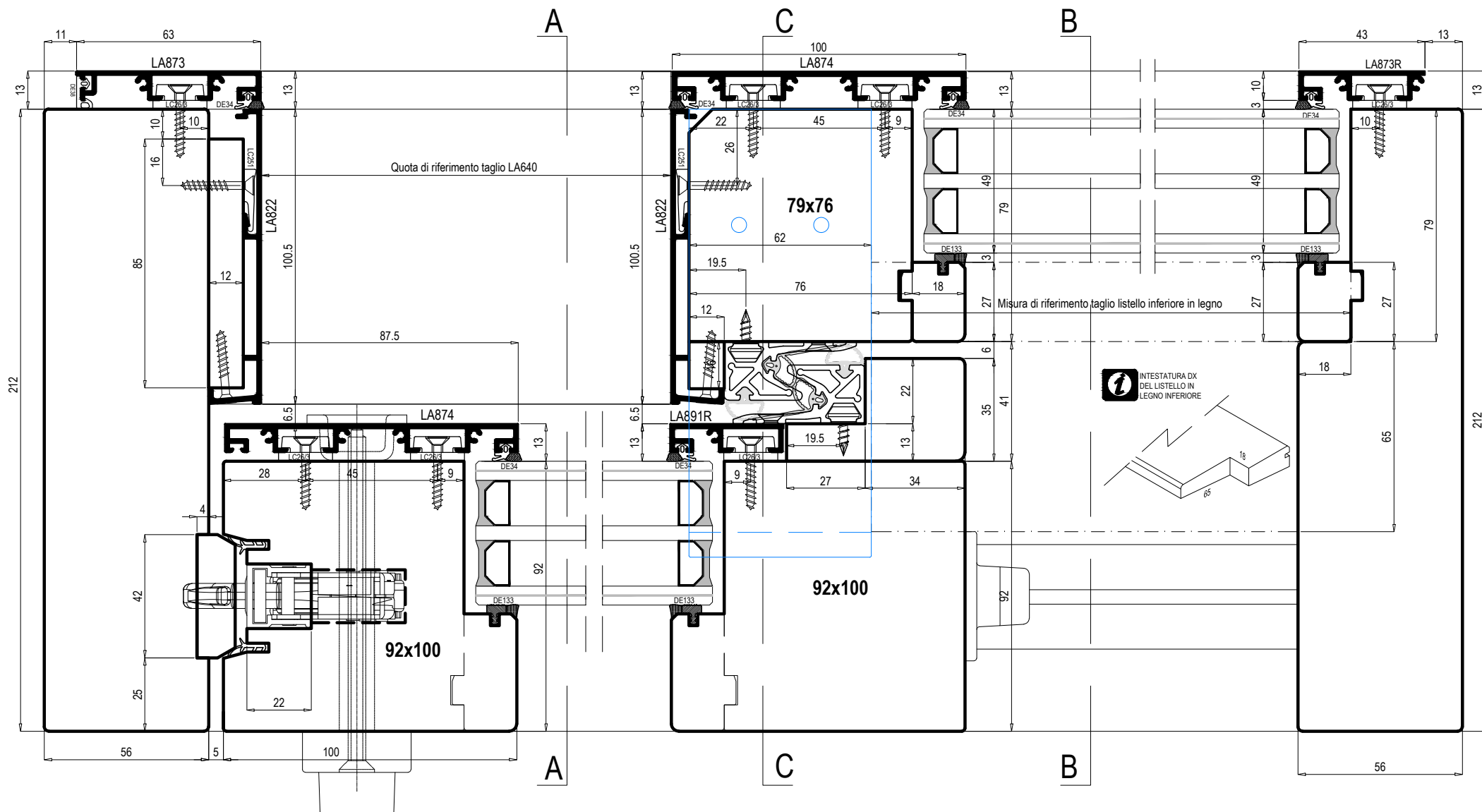
HS Zero - 92x100mm
HS Zero system - 92x100mm

uniform 
sistemi per serramenti



uniform
sistemi per serramenti





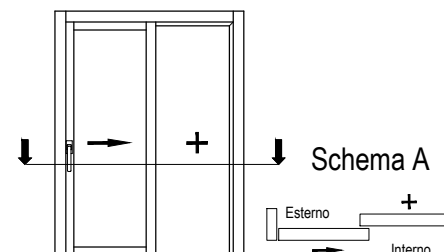
HS-S Zero 92x100mm

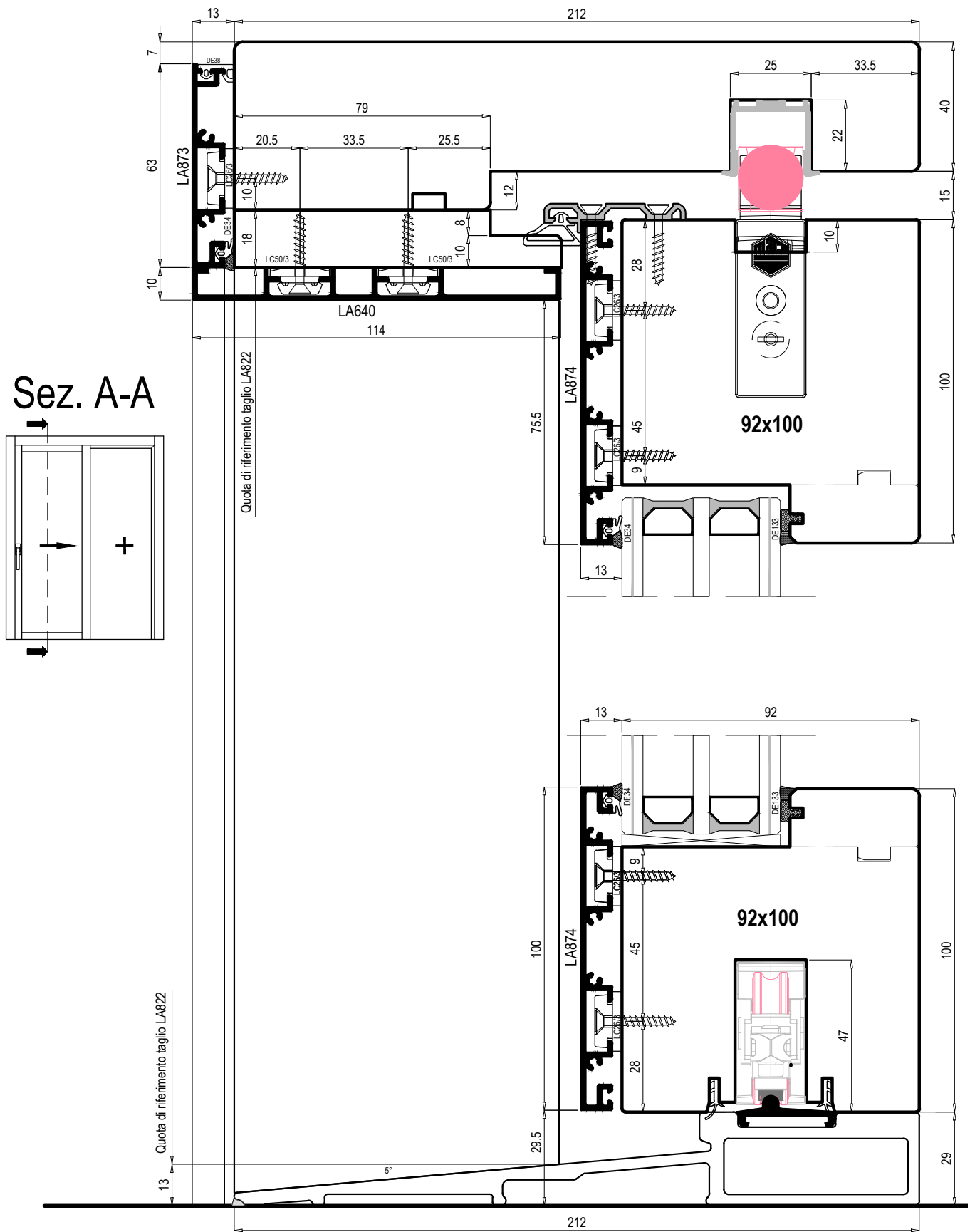
uniform



Zoom 55%

- Ⓘ Sezione orizzontale serramento alzante scorrevole sp.92mm
- Ⓓ Horizontalschnitt Hebe-Schiebe-Tür Holzstärke 92mm
- Ⓔ Sección horizontal corredera elevadora con madera espesor 92mm
- Ⓕ Coupe horizontale fenêtre levante-coulissante épaisseur 92mm
- Ⓚ Horizontal section of sliding window-door with a thickness of 92mm





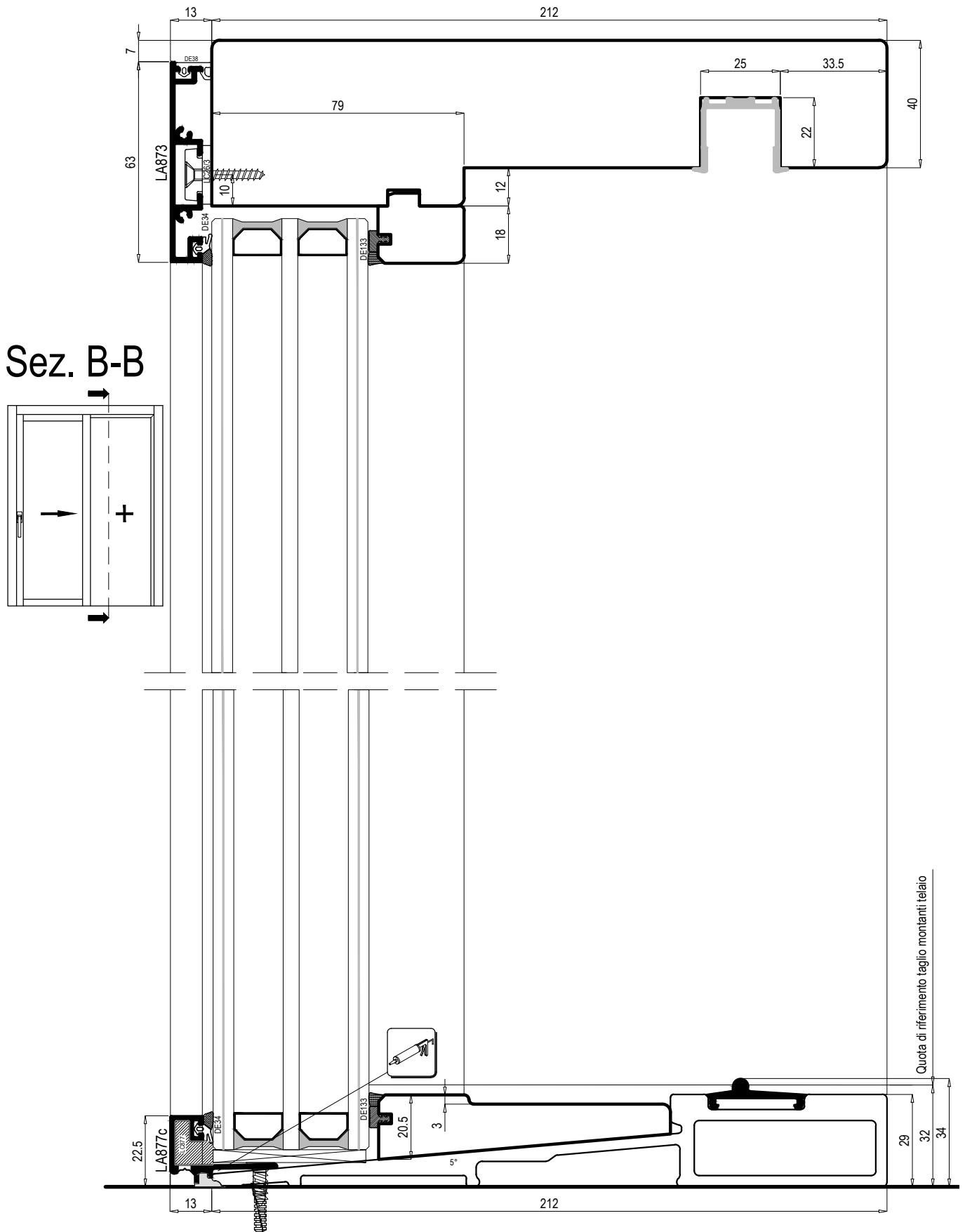
HS-S Zero 92x100mm

uniform

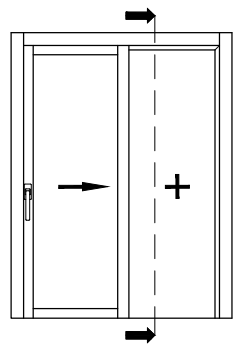
Zoom 60%

- ⓘ Sezione verticale serramento alzante scorrevole sp.92mm
- ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 92mm
- ⓔ Sección vertical corredera elevadora con madera espesor 92mm
- ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 92mm
- ⓊK Vertical section of sliding window-door with a thickness of 92mm





Sez. B-B



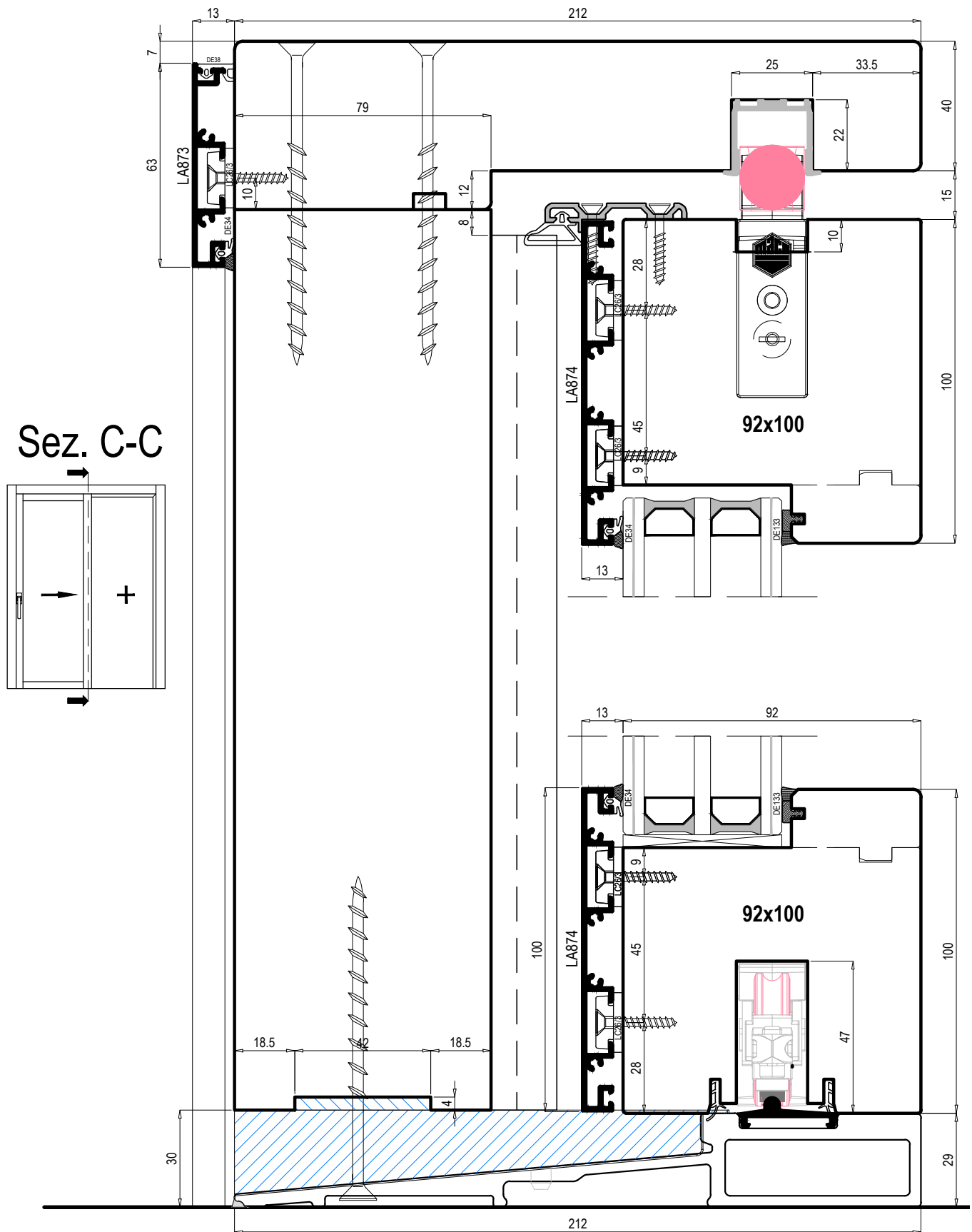
HS-S Zero 92x100mm

uniform

Zoom 60%

- Ⓘ Sezione verticale serramento alzante scorrevole sp.92mm
- Ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 92mm
- Ⓔ Sección vertical corredera elevadora con madera espesor 92mm
- Ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 92mm
- Ⓚ Vertical section of sliding window-door with a thickness of 92mm





HS-S Zero 92x100mm

uniform

Zoom 60%

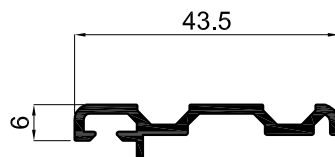
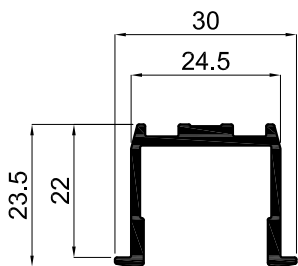
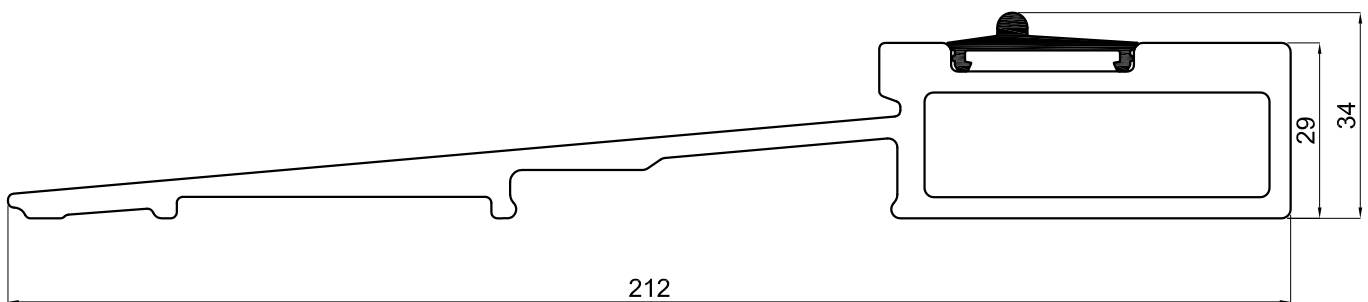
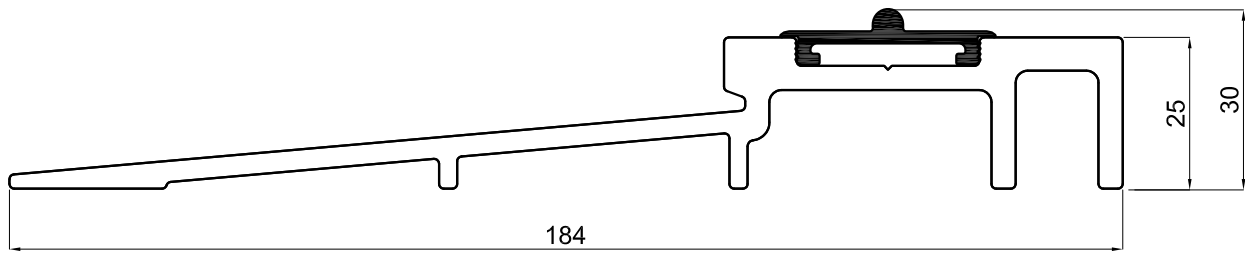
- Ⓘ Sezione verticale serramento alzante scorrevole sp.92mm
- Ⓓ Vertikalschnitt Hebe-Schiebe-Tür Holzstärke 92mm
- Ⓔ Sección vertical corredera elevadora con madera espesor 92mm
- Ⓕ Coupe verticale fenêtre levante-coulissante épaisseur 92mm
- ⒼⓀ Vertical section of sliding window-door with a thickness of 92mm



Indice riepilogo

Index

Kit soglia Maico <i>Maico threshold set</i>	Pag. 52
Profili telaio in alluminio <i>Alu frame profiles</i>	Pag. 53
Profili anta in alluminio <i>Alu sash profiles</i>	Pag. 53
Profili vari <i>Other profiles</i>	Pag. 54
Istruzioni per l'assemblaggio dei profili in alluminio <i>Assembly instructions</i>	Pag. 55-56
Clips di fissaggio ed accessori <i>Clips holder</i>	Pag. 57-58
Guarnizioni <i>Gaskets</i>	Pag. 59-60
Squadrette <i>Assembly joints</i>	Pag. 61
Attrezzature ed utensili <i>Spare parts and tools</i>	Pag. 62-63



HS-S Maico

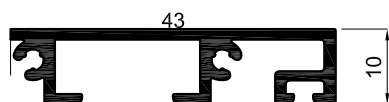
uniform³

Zoom 80%

- ① Soglie e binari
- ② Zusatzprofile und untere Führungsschienen für HS
- ③ Perfiles complementarios y carriles inferiores para HS
- ④ Profils complémentaires et rails inférieurs pour Levant Coulissant
- ⑤ Threshold and lower track

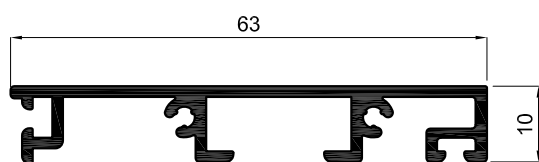


Profili telaio in alluminio
Aluminium frame profiles



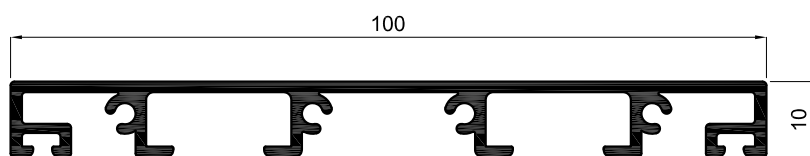
LA873R

L=43mm



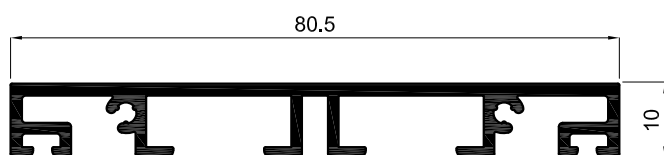
LA873

L=63mm



LA874

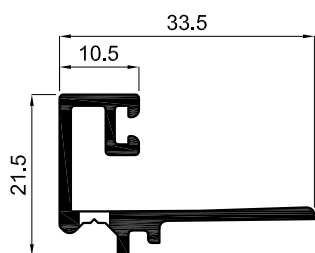
L=100mm



LA891

L=80.5mm

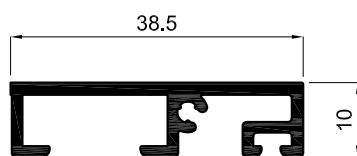
Profili anta in alluminio
Aluminium sash profiles



LA877c

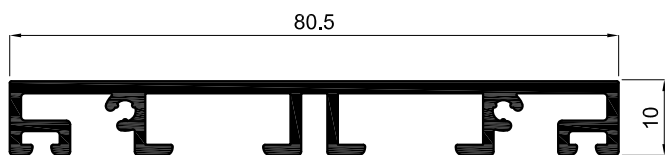
con asole per scarico acqua

L=33.5mm



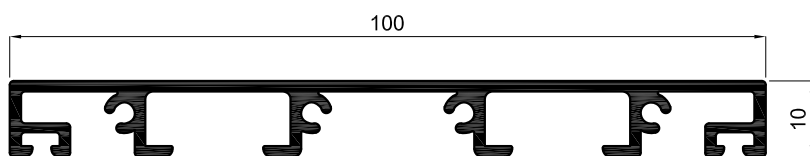
LA891R

L=38.5mm



LA891

L=80.5mm



LA874

L=100mm

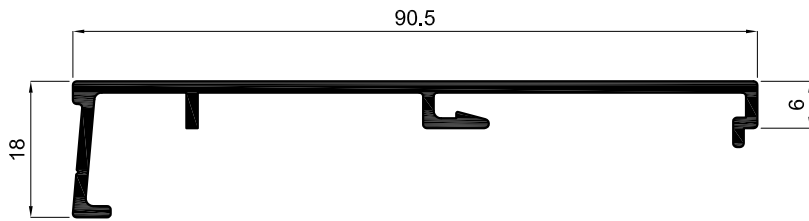
HS-S Zero

uniform

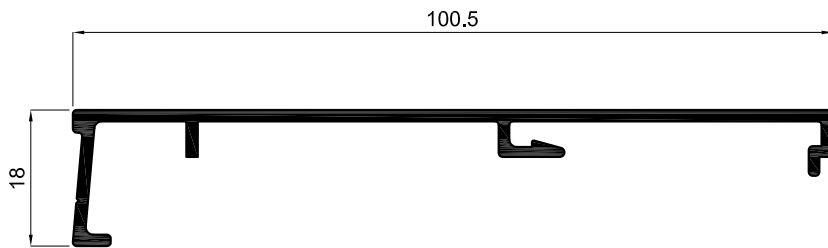
Scala 1:1

- ① Profili telaio e Profili anta
- Ⓓ Rahmenprofil/Flügelprofile
- Ⓔ Perfiles del marco/Perfiles de la hoja
- Ⓕ Profils du dormants/Profils de l'ouvrant
- Ⓖ Frame profiles/Sash profiles

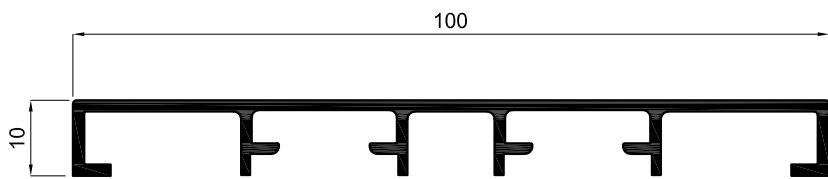




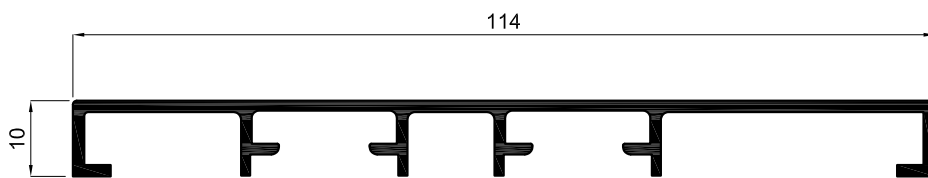
LA284
L=90.5mm



LA822
L=100.5mm



LA854
L=100mm



LA640
L=114mm

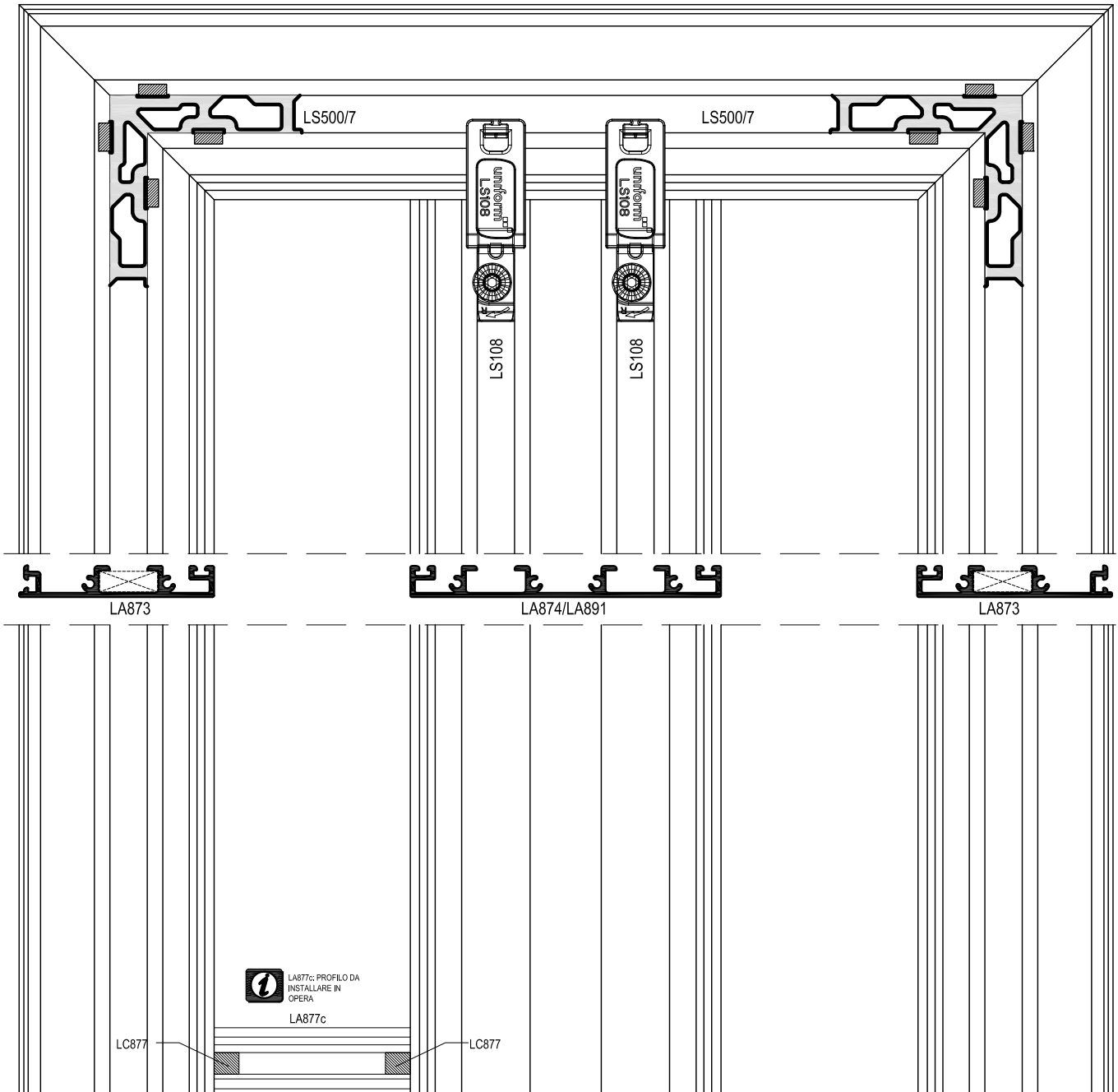
HS-S Zero

uniform³

Zoom 100%

- ① Profili telaio
- ② Rahmenprofil
- ③ Perfiles del marco
- ④ Profils du dormants
- ⑤ Frame profiles





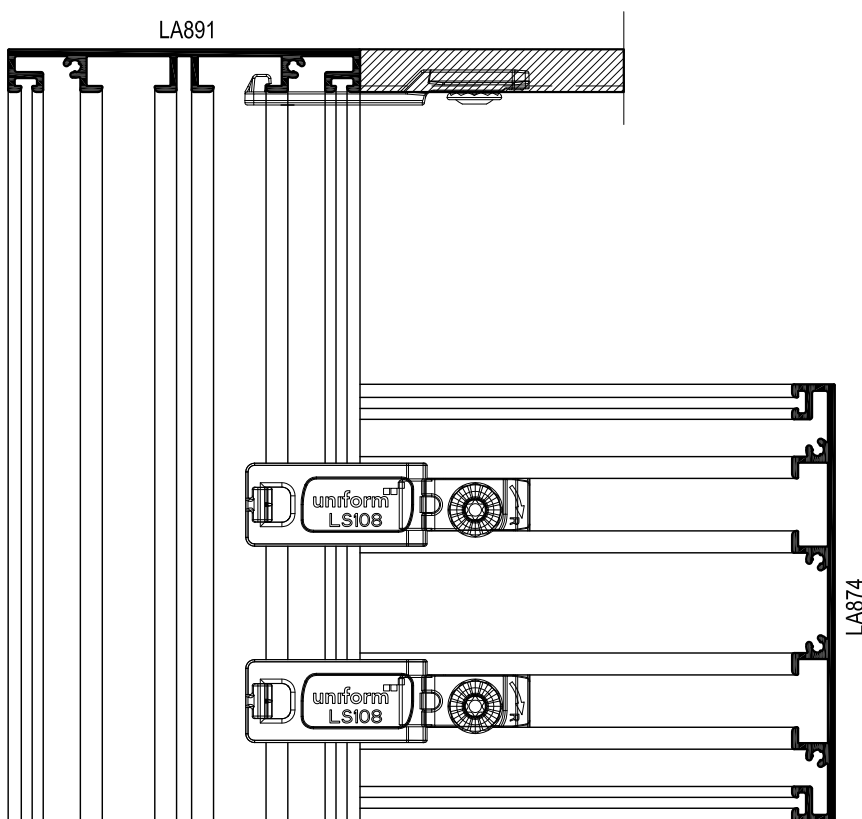
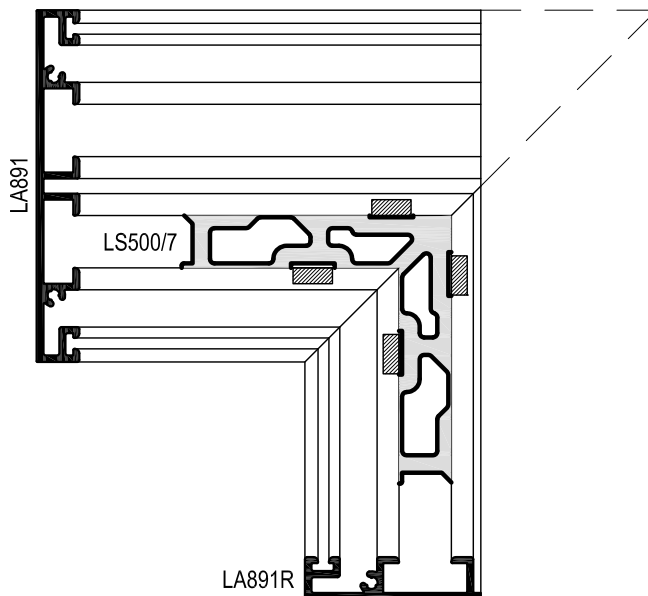
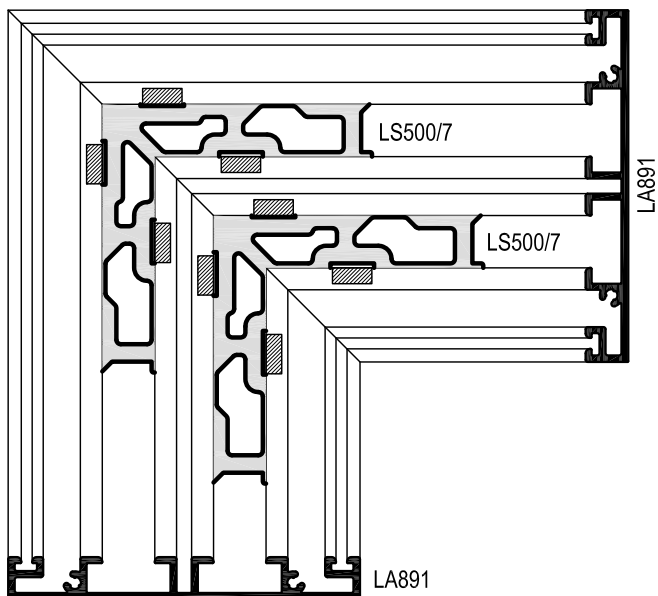
Profilo / Profile	Cianfrinatrice / Crimping machine	Slitta / Sledge	Supporto slitta / Support of the sledge	Portapunzoni / Punches platform	Punzoni / Punches	Spessore superiore / Upper spacer	Squadretta 1 / Joint 1	Tipo / Type	Squadretta 2 / Joint 2	Tipo / Type	Squadretta 3 / Joint 3	Tipo / Type	Squadretta 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)
LA873	LACV-98	LAC SL15	-	MVX42603	LAPZ UNI	LAC SP2	LS500/7	C	-	-	-	-	-	-	LS119	LS96

HS-S Zero

uniform

- ⓘ Assemblaggi
- Ⓜ Montage
- Ⓔ Ensamblajes
- Ⓕ Assemblages
- Ⓢ Assembly





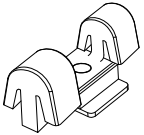
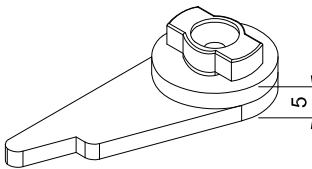
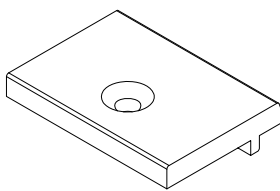
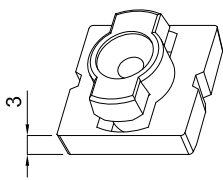
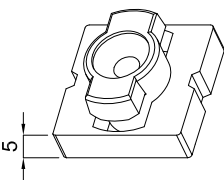
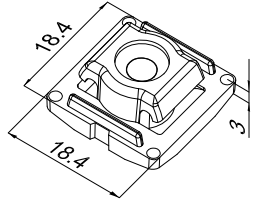
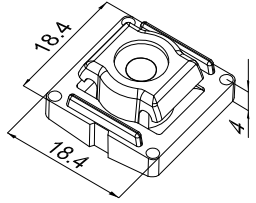
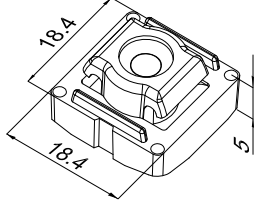
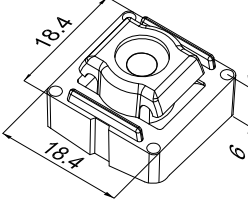
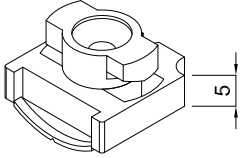
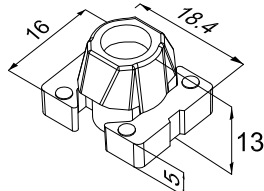
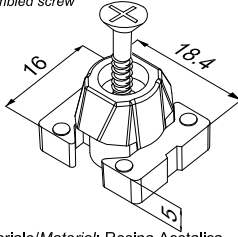
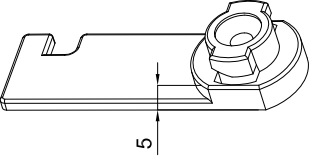
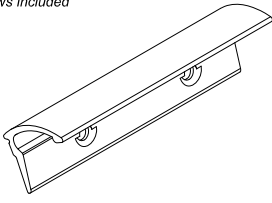
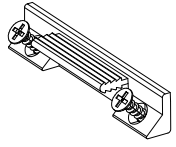
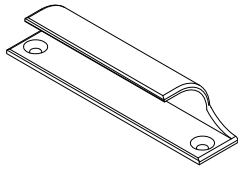
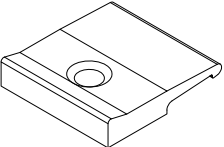
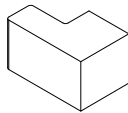
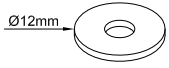
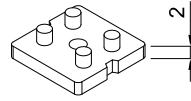
Profilo / Profile	Cianfrinatrice / Crimping machine	Slitta / Sledge	Supporto slitta / Support of the sledge	Portapunzoni / Punches platform	Punzoni / Punches	Spessore superiore / Upper spacer	Squadretta 1 / Joint 1	Tipo / Type	Squadretta 2 / Joint 2	Tipo / Type	Squadretta 3 / Joint 3	Tipo / Type	Squadretta 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 fuorsquadra (in sostituzione sq. Tipo "C") / Screwable joint for oblique corners (replacing type "C" joints)
LA874	LACV-98	LAC SL15	-	MVX42603	LAPZ UNI	LAC SP2	LS500/7	C	LS500/7	C	-	-	-	-	LS119	LS96
LA891	LACV-98	LAC SL15	-	MVX42603	LAPZ UNI	LAC SP2	LS500/7	C	LS500/7	C	-	-	-	-	LS119	LS96
LA891R	LACV-98	LAC SL15	-	MVX42603	LAPZ UNI	LAC SP2	LS500/7	C	-	-	-	-	-	-	LS119	LS96

HS-S Zero

uniform

- ① Assemblaggi
- ⓓ Montage
- Ⓔ Ensamblajes
- Ⓕ Assemblages
- Ⓢ Assembly



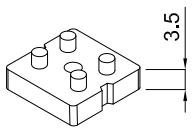
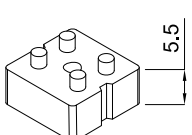
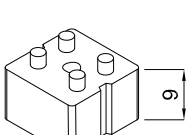
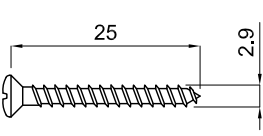
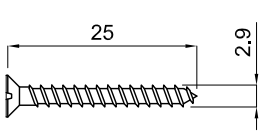
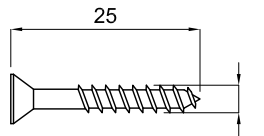
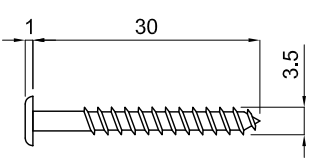
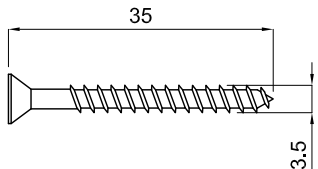
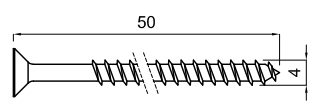
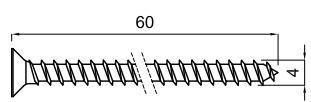
<p>LC1 Confezione/Package: 100 pz. / 1000 pz.</p>  <p>Materiale/Material: Nylon Colore/Colour: Bianco/White Clip a scatto da avvitare/Snap clip</p>	<p>LC4 Confezione/Package: 300 pz. / 1000 pz. / 3000 pz.</p>  <p>Materiale/Material: Nylon Colore/Colour: Nero/Black Clip a vite girevole/Pivot clip</p>	<p>LC22 Confezione/Package: 100 pz.</p>  <p>Materiale/Material: Nylon Colore/Colour: Nero/Black Fermo per vetro/Glass support</p>	<p>LC26/3 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: POM Colore/Colour: Nero/Black Clip a vite girevole/Pivot clip</p>
<p>LC26/5 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: POM Colore/Colour: Nero/Black Clip a vite girevole/Pivot clip</p>	<p>LC50/3 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Resina Acetalica Colore/Colour: Bianco/White Clip a scatto/Snap clip</p>	<p>LC50/4 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Resina Acetalica Colore/Colour: Bianco/White Clip a scatto/Snap clip</p>	<p>LC50/5 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Resina Acetalica Colore/Colour: Bianco/White Clip a scatto/Snap clip</p>
<p>LC50/6 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Resina Acetalica Colore/Colour: Bianco/White Clip a scatto/Snap clip</p>	<p>LC51 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Nylon Colore/Colour: Nero/Black Clip a vite girevole/Pivot clip</p>	<p>LC62 Confezione/Package: 300 pz. / 5000 pz.</p>  <p>Materiale/Material: Resina Acetalica Colore/Colour: Nero/Black Clip a scatto/Snap clip</p>	<p>LC62-V Confezione/Package: 300 pz. / 1000 pz.</p> <p>vite pre-montata assembled screw</p>  <p>Materiale/Material: Resina Acetalica Colore/Colour: Nero/Black Clip a scatto/Snap clip</p>
<p>LC81 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Nylon Colore/Colour: Nero/Black Clip a vite girevole/Pivot clip</p>	<p>LC86 Confezione/Package: 1 pz.</p> <p>viti incluse screws included</p>  <p>Materiale/Material: Alluminio/Aluminium Colore/Colour: B15-B20-A1K-RAL9016 Maniglia fissa esterna/External fixed handle</p>	<p>LC101 Confezione/Package: 100 pz.</p> <p>viti incluse screws included</p>  <p>Materiale/Material: Nylon Colore/Colour: Nero/Black Clip porta fermavetro/Glass bead clip</p>	<p>LC123 Confezione/Package: 1 pz.</p> <p>viti incluse screws included</p>  <p>Materiale/Material: Alluminio/Aluminium Colore/Colour: Argento, Nero/Silver, Black Maniglia fissa esterna/External fixed handle</p>
<p>LC251 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Resina acetalica Colore/Colour: Bianco/White Clip a scatto/Clip holder</p>	<p>LC877 Confezione/Package: 100 pz.</p>  <p>Materiale/Material: Espansolone Colore/Colour: Grigio/Grey Terminali per LA877c/End caps LA877c</p>	<p>LCZ-1 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Acciaio/Steel Colore/Colour: - Spessore per clips/Shim</p>	<p>LCZ-2 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Resina Acetalica Colore/Colour: Bianco/White Spessore per clips LC27/Shim</p>

Accessori e clips

uniform

- ① Clips di fissaggio e accessori
- Ⓓ Befestigungsklips und Zubehör
- Ⓔ Clips de fijación y accesorios
- Ⓕ Clips de fixation et accessoires
- Ⓚ Fixing clips and spare-parts



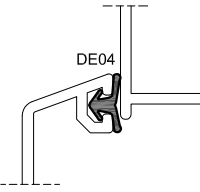
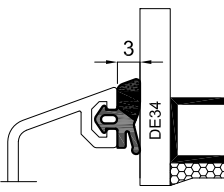
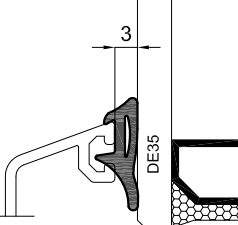
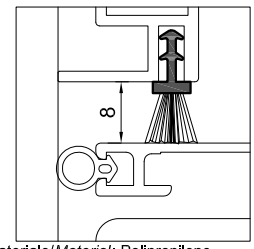
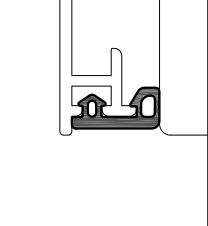
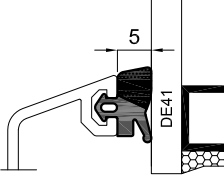
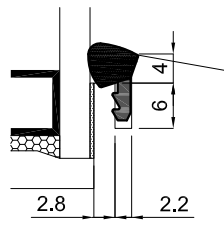
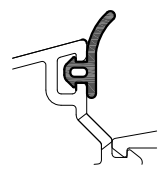
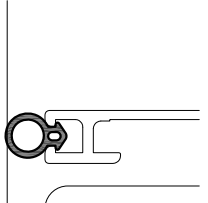
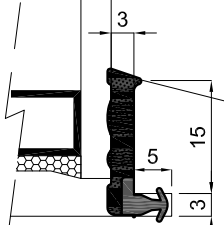
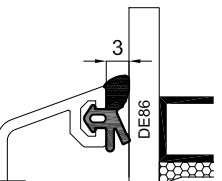
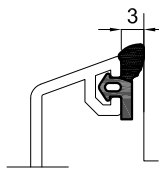
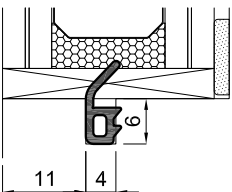
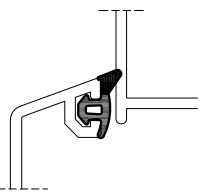
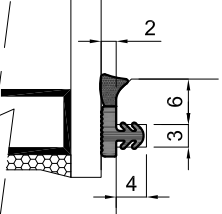
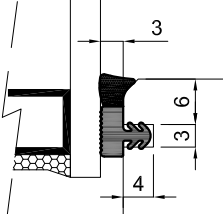
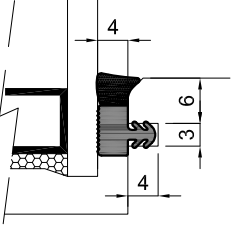
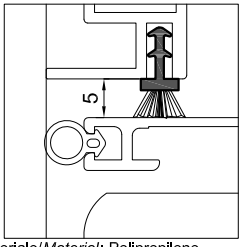
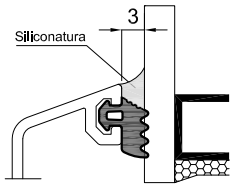
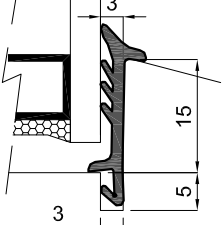
<p>LCZ-3.5 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Resina Acetalica Colore/Colour: Bianco/White Spessore per clips LC27/Shim</p>	<p>LCZ-5.5 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Resina Acetalica Colore/Colour: Bianco/White Spessore per clips LC27/Shim</p>	<p>LCZ-9 Confezione/Package: 300 pz.</p>  <p>Materiale/Material: Resina Acetalica Colore/Colour: Bianco/White Spessore per clips LC27/Shim</p>	
<p>LVM2.9X25 Confezione/Package: 1000 pz.</p>  <p>Materiale/Material: Acciaio Inox/Steel Colore/Colour: Nero/Black Vite autofilettante 2,9x25mm svasata/ Self-tapping screw</p>	<p>LVP2.9X25 Confezione/Package: 500 pz. 1000 pz.</p>  <p>Materiale/Material: Acciaio Inox/Steel Colore/Colour: Nero/Black Vite autofilettante 2,9x25mm svasata piana/ Self-tapping screw</p>	<p>LVP25 Confezione/Package: 500 pz. 1000 pz.</p>  <p>Materiale/Material: Acciaio zincato/Steel Colore/Colour: Inox Vite 3,5x25mm testa svasata piana/ 3.5x25mm Screw</p>	<p>LVP30 Confezione/Package: 500 pz.</p>  <p>Materiale/Material: Acciaio zincato/Steel Colore/Colour: Inox Vite 3,5x25mm testa piana/3,5x30mm Screw</p>
<p>LVP35 Confezione/Package: 500 pz.</p>  <p>Materiale/Material: Acciaio zincato/Steel Colore/Colour: Inox Vite 3,5x25mm testa svasata piana/ 3.5x35mm Screw</p>	<p>LVP50 Confezione/Package: 500 pz.</p>  <p>Materiale/Material: Acciaio Inox/Steel Colore/Colour: Inox Vite 4x50mm testa svasata piana/ 4x50mm screw</p>	<p>LVP60 Confezione/Package: 500 pz. 1000 pz.</p>  <p>Materiale/Material: Acciaio zincato/Steel Colore/Colour: Inox Vite 4x60mm testa svasata piana/ 4x60mm screw</p>	

Accessori e clips

uniform

- ① Clips di fissaggio e accessori
- Ⓓ Befestigungsklips und Zubehör
- Ⓔ Clips de fijación y accesorios
- Ⓕ Clips de fixation et accessoires
- Ⓚ Fixing clips and spare-parts



<p>DE04S Confezione/Package: 400 mt.</p>  <p>Materiale/Material: TPE Colore/Colour: Bianco-Nero-Marrone/ White-Black-Brown</p>	<p>DE34 Confezione/Package: 200 mt.</p>  <p>Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black</p>	<p>DE35 Confezione/Package: 200 mt. / 400 mt.</p>  <p>Materiale/Material: EPDM Colore/Colour: Nero/Black</p>	<p>DE37 Confezione/Package: 400 mt.</p>  <p>Materiale/Material: Polipropilene Colore/Colour: Nero/Black</p>
<p>DE38 Confezione/Package: 200 mt.</p>  <p>Materiale/Material: EPDM Colore/Colour: Nero/Black</p>	<p>DE41 Confezione/Package: 200 mt.</p>  <p>Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black</p>	<p>DE47 Confezione/Package: 250 mt. / 500 mt.</p>  <p>Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black</p>	<p>DE48 Confezione/Package: 400 mt.</p>  <p>Materiale/Material: EPDM Colore/Colour: Nero/Black</p>
<p>DE49 Confezione/Package: 200 mt.</p>  <p>Materiale/Material: EPDM Colore/Colour: Nero/Black</p>	<p>DE65 Confezione/Package: 125 mt.</p>  <p>Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black</p>	<p>DE86 Confezione/Package: 200 mt.</p>  <p>Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black</p>	<p>DE117 Confezione/Package: 250 mt.</p>  <p>Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black</p>
<p>DE119 Confezione/Package: 300 mt. / 500 mt.</p>  <p>Materiale/Material: EPDM Colore/Colour: Nero/Black</p>	<p>DE125 Confezione/Package: 300 mt.</p>  <p>Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black</p>	<p>DE132 Confezione/Package: 200 mt.</p>  <p>Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black</p>	<p>DE133 Confezione/Package: 200 mt.</p>  <p>Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black</p>
<p>DE134 Confezione/Package: 200 mt.</p>  <p>Materiale/Material: EPDM coestruso Colore/Colour: Nero/Black</p>	<p>DE135 Confezione/Package: 300 barre da 2,15mt</p>  <p>Materiale/Material: Polipropilene Colore/Colour: Nero/Black</p>	<p>DE146 Confezione/Package: 250 mt.</p>  <p>Materiale/Material: EPDM Colore/Colour: Nero/Black</p>	<p>DR01/15 Confezione/Package: 150 mt.</p>  <p>Materiale/Material: TPE Colore/Colour: Bianco-Marrone-Nero/ White-Brown-Black</p>

Guarnizioni

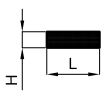
uniform

- ① Guarnizioni
- ② Dichtung
- ③ Juntas
- ④ Joints
- ⑤ Gaskets

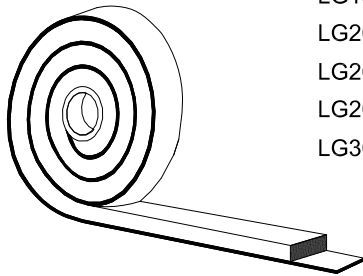


<p>DR01/18 S Confezione/Package: 120 mt. / 150 mt.</p> <p>Materiale/Material: EPDM coestruso Colore/Colour: Bianco-Marrone-Nero/ White-Brown-Black</p>	<p>DR01/20 S Confezione/Package: 120 mt. / 150 mt.</p> <p>Materiale/Material: EPDM coestruso Colore/Colour: Bianco-Marrone-Nero/ White-Brown-Black</p>	<p>FG06</p> <p>Materiale/Material: Polietileno espanso Colore/Colour: Grigio/Gray</p>	<p>FG08 Confezione/Package: 900 mt.</p> <p>Materiale/Material: Polietileno espanso Colore/Colour: Grigio/Gray</p>
<p>FG10 Confezione/Package: 600 mt.</p> <p>Materiale/Material: Polietileno espanso Colore/Colour: Grigio/Gray</p>	<p>LSP/6 Confezione/Package: 500 mt.</p> <p>Materiale/Material: Polipropilene Colore/Colour: Nero/Black</p>	<p>LSP/8 Confezione/Package: 375 mt.</p> <p>Materiale/Material: Polipropilene Colore/Colour: Nero/Black</p>	<p>LSP/9 Confezione/Package: 175 mt.</p> <p>Materiale/Material: Polipropilene Colore/Colour: Nero/Black</p>

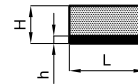
NASTRI A COMPRESIONE



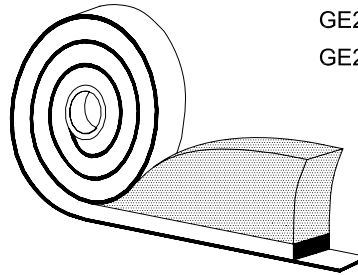
Codice	L	H
LG10/3	10	3
LG13/3	13	3
LG15/3	15	3
LG20/6	20	6
LG20/8	20	8
LG20/10	20	10
LG30/5	30	5



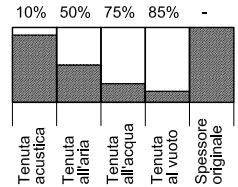
NASTRI AD ESPANSIONE



Codice	L	H	h
GE10/10	10	10	2
GE15/15	15	15	3
GE15/20	15	20	4
GE20/10	20	10	2
GE20/20	20	20	4



PERCENTUALE DI COMPRESIONE

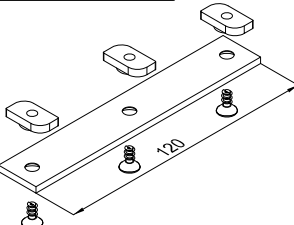
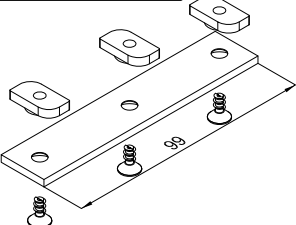
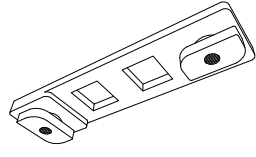
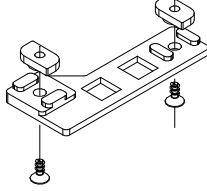
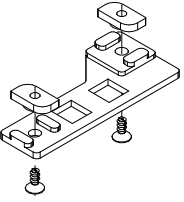
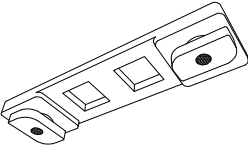
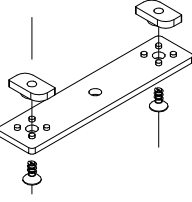
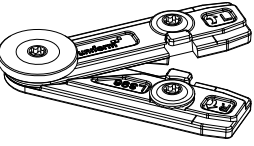
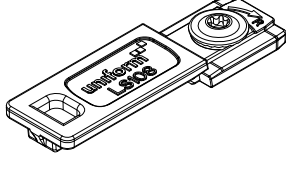
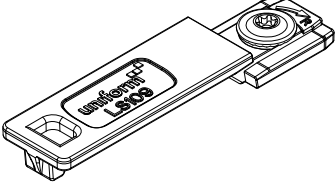
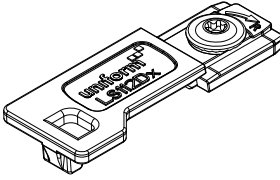
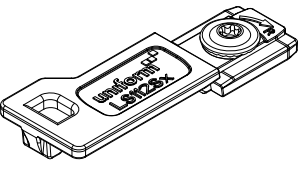
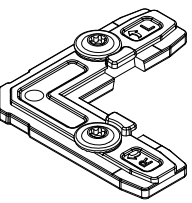
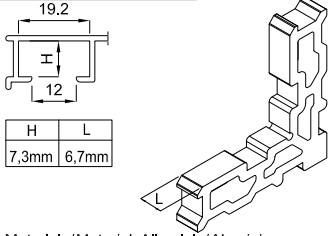


Guarnizioni

uniform

- ① Guarnizioni
- ② Dichtung
- ③ Juntas
- ④ Joints
- ⑤ Gaskets



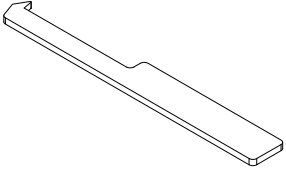
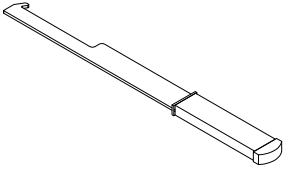
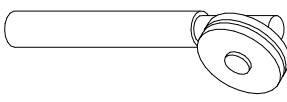
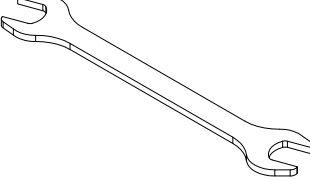
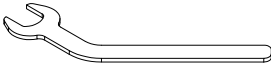
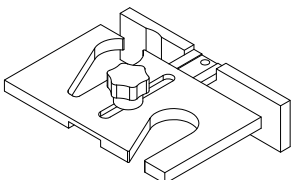
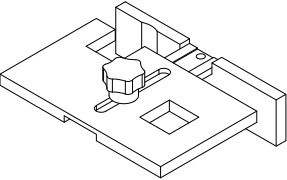
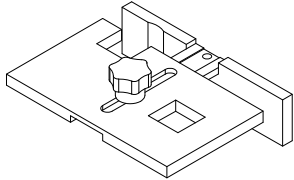
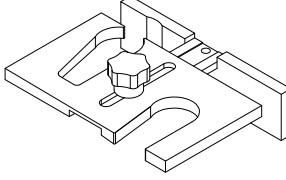
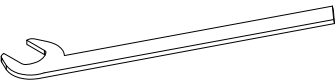
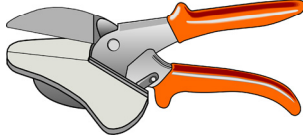
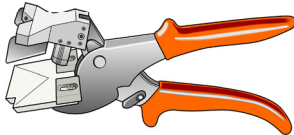
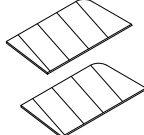
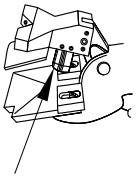
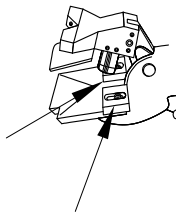
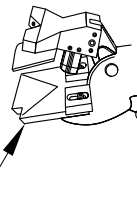
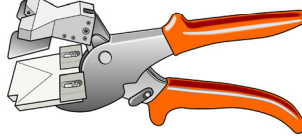
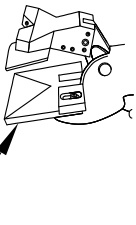
<p>LS8A Confezione/Package: 20 pz.</p>  <p>Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio a croce/ Crossbar fastener</p>	<p>LS8B Confezione/Package: 20 pz.</p>  <p>Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio a croce/ Crossbar fastener</p>	<p>LS19/A Confezione/Package: 50 pz.</p>  <p>Materiale/Material: Zama/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener</p>	<p>LS19/L Confezione/Package: 20 pz.</p>  <p>Materiale/Material: Zama/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener</p>
<p>LS19/R Confezione/Package: 20 pz.</p>  <p>Materiale/Material: Zama/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener</p>	<p>LS21/A Confezione/Package: 50 pz.</p>  <p>Materiale/Material: Zama/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener</p>	<p>LS32 Confezione/Package: 50 pz.</p>  <p>Materiale/Material: Zama/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener</p>	<p>LS96 Confezione/Package: 50 pz.</p>  <p>Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta angolo variabile/Adjustable angle joint</p>
<p>LS108 Confezione/Package: 250 pz.</p>  <p>Materiale/Material: Zama/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener Aluminium</p>	<p>LS109/A Confezione/Package: 250 pz.</p>  <p>Materiale/Material: Zama/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener Aluminium</p>	<p>LS112Dx Confezione/Package: 250 pz.</p>  <p>Materiale/Material: Zama/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener Aluminium</p>	<p>LS112Sx Confezione/Package: 250 pz.</p>  <p>Materiale/Material: Zama/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio traversi/ Crossbar fastener Aluminium</p>
<p>LS119 Confezione/Package: 250 pz.</p>  <p>Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta assemblaggio a vite degli angoli/ Corner joint to be screwed</p>	<p>LS500/7 Confezione/Package: 50 pz. 500 pz.</p>  <p>Materiale/Material: Alluminio/Aluminium Colore/Colour: Grezzo/Raw Squadretta cianfrinatura degli angoli/ Corner joint to be crimping</p>		

Squadrette ed accessori

uniform

- ① Squadrette per assemblaggio profili in alluminio
- ② Eckwinkel für Verbindung von Aluminium Profile
- ③ Escuadras para el ensamblaje de los perfiles en aluminio
- ④ Equerres pour l'assemblage des profils en aluminium
- ⑤ Squares for the assembly of aluminium profiles







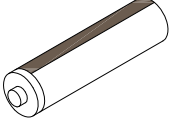

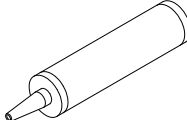
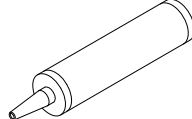
<p>LD03</p>  <p>Materiale/Material: Acciaio/Steel Chiave per clips LC4-LC4/7-LC5-LC81/Wrench for pivot clips LC4-LC4/7-LC5-LC81</p>	<p>LD03A</p>  <p>Materiale/Material: Acciaio/Steel Chiave per clips LC4-LC4/7-LC5-LC81/Wrench for pivot clips LC4-LC4/7-LC5-LC81</p>	<p>LD04</p>  <p>Materiale/Material: Acciaio/Steel Rullino per montaggio guarnizioni/Gasket roller</p>	<p>LD13</p>  <p>Materiale/Material: Acciaio/Steel Chiave per clips LC26-LC50-LC62-LC80/Wrench for clips LC26-LC50-LC62-LC80</p>
<p>LD46</p>  <p>Materiale/Material: Acciaio/Steel Chiave per clips LC26-LC50-LC62-LC80/Wrench for clips LC26-LC50-LC62-LC80</p>	<p>LD47</p>  <p>Materiale/Material: Alluminio/Aluminium Dima regolabile per LC4-LC4/7 / Adjustable template for positioning clips LC4-LC4/7</p>	<p>LD48</p>  <p>Materiale/Material: Alluminio/Aluminium Dima regolabile per LC26-LC50/Adjustable template for positioning LC26-LC50</p>	<p>LD49</p>  <p>Materiale/Material: Alluminio/Aluminium Dima regolabile per LC62/Adjustable template for positioning LC62</p>
<p>LD50</p>  <p>Materiale/Material: Alluminio/Aluminium Dima regolabile per LC81/Adjustable template for positioning LC81</p>	<p>LD60</p>  <p>Materiale/Material: Acciaio/Steel Chiave maggiorata per clips LC26-LC50-LC62-LC80/Wrench for clips LC26-LC50-LC62-LC80</p>	<p>LF1</p>  <p>Forbice per il taglio delle guarnizioni/Scissor for cutting the gaskets</p>	<p>LF2</p>  <p>Forbice per taglio a 45° delle guarnizioni/Scissor for cutting 45° the gaskets</p>
<p>LF2A</p>  <p>Coppia di lame per LF2 e LF4/Pair of blades for LF2 and LF4</p>	<p>LF2B</p>  <p>Inserto sagomato di ricambio per LF2/Upper blade for LF2</p>	<p>LF2C</p>  <p>Coppia di blocchetti di riscontro per LF2 e LF4/Template</p>	<p>LF2D</p>  <p>Base in Teflon di ricambio per LF2/Teflon support for LF2</p>
<p>LF4</p>  <p>Forbice per taglio a 45° delle guarnizioni sull'anta/Scissor for cutting 45° the gasket on the sash</p>	<p>LF4D</p>  <p>Base in Teflon di ricambio per LF4/Teflon support for LF4</p>		

Attrezzature

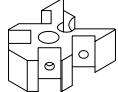

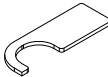
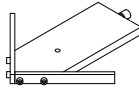
uniform

- ① Accessori e attrezzature
- ② Zubehör und Werkzeuge
- ③ Accesorios y utiles
- ④ Accessoires et outillages
- ⑤ Spare-parts and tools



ALUGLIT	Confezione/Package: 1 pz.	ALUGLIT PAINT	Confezione/Package: 1 pz.	LC-PRIMER86	Confezione/Package: 20 pz.	LC-RE	Confezione/Package: 20 pz.
							
Detergente per la pulizia dei profili in alluminio grezzi da 250ml/Raw aluminium profiles cleaner		Detergente per la pulizia dei profili in alluminio verniciati da 250ml/Coated aluminium profiles cleaner		Primer per alluminio/Aluminium Primer		Colla cianoacrilica per l'incollaggio di guarnizioni in EPDM/Glue for EPDM gaskets	
LC-TENAX	Confezione/Package: 1 pz.	LCPROTEX	Confezione/Package: 1 pz.	SIGIL-N	Confezione/Package: 10 pz.	SIGIL-G	Confezione/Package: 10 pz.
							
Colla per l'assemblaggio dei profili in alluminio/Glue for the assembly of the aluminum profiles corners		Anticorrosivo per alluminio/Anti-corrosive for aluminum		Sigillante per profili in alluminio (colori scuri)/ Sealant for aluminum profiles (dark colours)		Sigillante per profili in alluminio (colori chiari)/ Sealant for aluminum profiles (bright colours)	

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

Ricambi per LACV-98/Parts for LACV-98 punching machine			
Punzoni Punches	MVX42603	Testa portapunzoni standard <i>standard punches-platform</i>	
	LAPZ-UNI	Coppia punzoni H=33mm (set di 2pz) <i>pair of punches H=33mm</i>	
Spessori sup. Upper spacers	LAC-SP2	Spessore superiore 2mm <i>upper spacer 2mm thick</i>	
Slitte e supporti Sledges, supports	LAC-SL15	Slitta spessore 15mm <i>15mm thick sledge</i>	



Attrezzature

uniform

- ① Accessori e attrezzature
- ② Zubehör und Werkzeuge
- ③ Accesorios y utiles
- ④ Accessoires et outillages
- ⑤ Spare-parts and tools



uniform 
sistemi per serramenti