

# Serie Eku Woodart TT

eku  
finestre a progetto



profilati in alluminio-legno  
a taglio termico

## DESCRIZIONE TECNICA DEL SISTEMA

Profilati estrusi in lega di alluminio EN AW-6060 ( UNI EN 573-3 )

Stato di fornitura: T5

Tolleranze dimensionali e spessori: UNI EN 12020-2

Lunghezza commerciale barre profilati: mm. 6500

Caratteristiche principali del Sistema:

Dimensione base:

- sezione del telaio fisso	mm. 62,5
- sezione dell'anta	mm. 82,5
- sovrapposizione a muro dei telai fissi	mm. 28
- altezza sede vetro	mm. 19
- larghezza massima per vetro o pannello	mm. 30

Isolamento termico ottenuto tramite barrette in poliammide da mm. 16 per i profili delle parti fisse e da mm. 24 per i profili delle parti apribili inserite in apposite sedi tra i due lati dei profili e successivamente bloccate mediante apposita rullatura;

Accoppiamento tra alluminio e legno: mediante appositi nottolini in nylon avvitati ai sagomati in legno;

vetrazione effettuata con fermavetro in alluminio fissato a vite, sul quale si inserisce il fermavetro di finitura in legno;

sedi alloggiamento accessori: a dimensioni standard per accessori ROTO NT A 12/20-13;

tenuta aria/acqua ottenuta tramite guarnizione di tenuta esterna e guarnizione centrale a giunto aperto, con guarnizione di tenuta parapolvere e antirumore interna;

possibilità d'impiego: il sistema consente la costruzione di serramenti a superfici piane, complanari esterno e sormonto interno; si possono fabbricare porte e finestre a battente, a una o più ante apribili verso l'interno, ad anta ribalta, a ribalta scorrere, a wasistas, vetrate fisse;

## NOTE TECNICHE

Il peso dei profilati in alluminio è quello teorico e potrà variare in funzione delle tolleranze dimensionali e di spessore previste dalla norma UNI EN 12020-2; le dimensioni di taglio indicate nelle apposite distinte inserite nel catalogo, sono calcolate in base alle dimensioni nominali: nella pratica potranno essere influenzate dalle tolleranze di estrusione, pertanto dovranno essere arrotondate secondo la precisione ed il tipo di impostazione delle misure nelle macchine impiegate.

Gli schemi, le sezioni e gli attacchi a muro riportati sul catalogo, non hanno valore limitativo, ma solo di esemplificazione di alcune delle situazioni che più comunemente si trovano nella realtà e di soluzione consigliabile.

La posa del serramento va eseguita rispettando la normativa, le prescrizioni e le raccomandazioni specifiche esistenti in Italia.

Il Sistema di profilati riportato in questo catalogo è brevettato; tutti i dati riportati nel presente catalogo sono indicativi e non impegnano la Profilati SpA e le Trafilerie Emiliane Sud SpA che si riservano di apportare in qualsiasi momento quelle modifiche che riterranno opportune al fine di migliorare i prodotti.

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## TECHNICAL DESCRIPTION OF THE SYSTEM

Alluminium alloy EN AW-6060 ( UNI EN 573-3 ) extruded sections

Supply type: T5

Dimension tolerances and thicknesses: UNI EN 12020-2

Commercial bar length: 6500 mm

Main characteristics of the System:

Basic dimensions:

- fixed frame cross-section	62.5 mm
- leaf cross-section	82.5 mm
- fin of rabbet for fixed frame	28 mm
- glass seat space	19 mm
- maximum width for glass or panel	30 mm

Thermal insulation obtained by using polyamide bar of mm. 16 for fixed part profiles and of mm. 24 for opening part profiles putted into the suitable seats between the 2 sides of the profiles and afterwards blocked through rolling proceeding;

Coupling of aluminium and wood: by specific nylon clips screwed into the wooden forms;

glass application by screwed aluminium glass beading on which is inserted wooden glass beading;

accessory housing seats: standard dimensions for the ROTO NT A 12/20-13 accessories;

sealing obtained through external sealing gasket and central open joint gasket, with acoustic gasket inserted in the internal part;

application: the system allows the construction of windows and doors plane on the external side and internal overlap; it is possible to manufacture doors and casement windows, one or more internal opening leafs, hopper windows, tilt-turn windows, tilt-sliding windows, fixed partitions;

## TECHNICAL NOTES

The weight of the alluminium sections is theoretical and can vary according to the dimensional and thickness tolerances specified by the UNI EN 12020-2 Standard. The cutting dimensions indicated in the appropriate forms are calculated on the basis of the nominal size. In practice these dimensions can be affected by extrusion tolerances; therefore they shall be rounded according to accuracy and type of measures set in the machines used. Diagrams, sections and wall connections shown in the catalogue are an indication and not a limitation; they simply show some of situations which are most commonly found in practice and recommended solutions. Window mounting shall be in compliance with standards, requirements and specific recommendations existing in Italy.

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## **PRESCRIZIONI PER LA LAVORAZIONE ED IL MONTAGGIO**

Le peculiarità del sistema alluminio-legno impongono l'osservanza degli accorgimenti sotto indicati, sia per ottenere validi risultati durante le fasi di lavorazione, sia per ridurre al minimo i rischi di formazione di condensa od infiltrazioni di umidità tra l'alluminio ed il legno, con i danni che queste eventualità provocano:

TUTTE LE PARTI DEL LEGNO RESE VIVE DAL TAGLIO VANNO PROTETTE CON L'APPLICAZIONE DELLA VERNICE POLIURETANICA TRASPARENTE 238-OP390 MISCELATA AL 50% CON IL CATALIZZATORE 238-C266;

LE GIUNZIONI DEGLI ANGOLI TAGLIATI A 45° NEI TELAI IN LEGNO CHE FORMANO LE CORNICI DA ACCOPPIARE A QUELLI IN ALLUMINIO, VANNO AGGRAFFATE CON GLI OPPORTUNI PUNTI METALLICI;

SUI TELAI DELLE ANTE VANNO ESEGUITE LE APPOSITE ASOLATURE PER LA VENTILAZIONE DEI VETRI;

SU TUTTO IL PERIMETRO ESTERNO DEI VETRI DEVE ESSERE ESEGUITA UNA PERFETTA SIGILLATURA CHE IMPEDISCA QUALSIASI INFILTRAZIONE DI ACQUA PIOVANA

NELLE OPERAZIONI DI POSA VANNO ELIMINATI I PONTI TERMICI TRA VANO MURARIO E TELAIO D'ALLUMINIO, pertanto è indispensabile porre la massima attenzione al fine di ottenere un efficace isolamento: a questo scopo si possono usare distanziali in poliuretano espanso a supporto della sigillatura finale in silicone (vedi schemi indicati nei vari disegni di attacchi a muro);

in ogni caso si consiglia di rispettare la normativa, le prescrizioni e le raccomandazioni specifiche esistenti; INOLTRE, VA ASSOLUTAMENTE EVITATA LA POSA DEI SERRAMENTI IN COSTRUZIONI ANCORA DA TERMINARE, DOVE I LOCALI NON SONO SUFFICIENTEMENTE ASCIUTTI.

Profilati S.p.A. e Trafilerie Emiliane Sud S.p.A., invitando a rispettare la tecnologia costruttiva ed a usare la componentistica indicata, si ritengono sollevate da ogni responsabilità per difetti dovuti all'inosservanza di quanto prescritto ed illustrato nel presente catalogo.

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## **INSTRUCTIONS FOR WORKING AND ASSEMBLING**

The peculiarity of the wood-aluminium system oblige the following warnings to be observed, both in order to obtain valid results during the construction phases and to reduce to a minimum the risk of condensation or infiltrations of humidity between the aluminium and the wood, and consequently damage that may arise:

ALL THE PARTS IN WOOD EXPOSED BY CUTTING MUST BE PROTECTED BY A COAT OF POLYURETHANIC VARNISH 238-OP 390 MIXED AT 50% WITH A CATALYST 238-C266;

JOINS OF THE CORNERS CUT AT 45° IN WOODEN FRAMES WHICH FORM THE FRAMES TO BE INSERTED IN THE ALUMINIUM ONES MUST BE STAPLED WITH THE APPROPRIATE METAL PARTS;

APPROPRIATE SLOTS MUST BE EXECUTED ON THE WING FRAMES TO ENSURE VENTILATION OF THE GLASS;

A PERFECT SEAL MUST BE EXECUTED ALONG THE ENTIRE EXTERNAL PERIMETER OF THE GLASS, THAT IMPEDES ANY INFILTRATION OF RAIN-WATER;

DURING PLACEMENT, ANY THERMAL BRIDGES BETWEEN THE WALL AND THE ALUMINIUM FRAME MUST BE ELIMINATED, thus it is vital that the maximum attention is paid to obtaining an effective insulation: to this end, expanded polyurethane thicknesses may be used to hold final silicon sealing ( see the diagrams shown in the various drawings for wall coupling);


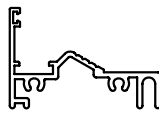



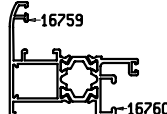
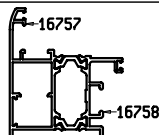
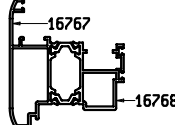
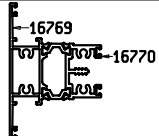
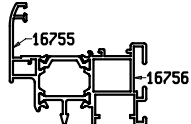
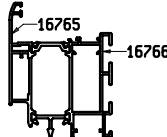
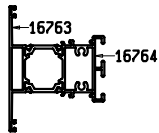
In any case we advise to keep to the standards, specific existing rules and suggestions;

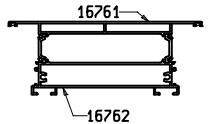
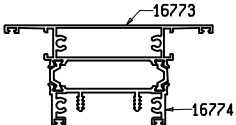
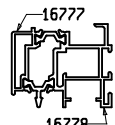
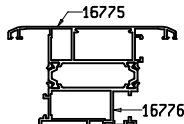
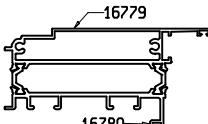
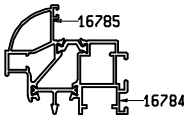
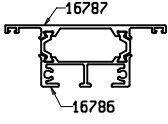
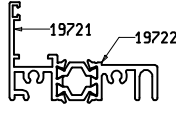
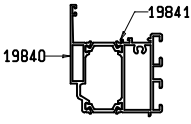
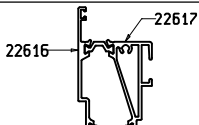
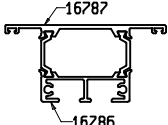
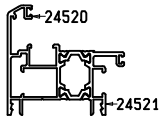
FURTHERMORE THE PLACEMENT OF THE FIXTURES UNDER CONSTRUCTION MUST ABSOLUTELY BE AVOIDED WHERE THE ROOMS ARE NOT SUFFICIENTLY DRY;

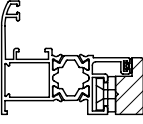
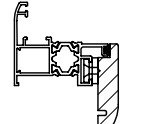
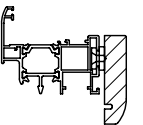
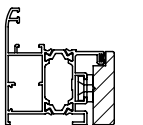
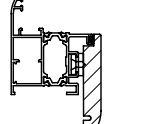
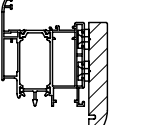
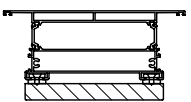
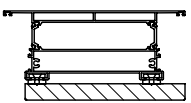
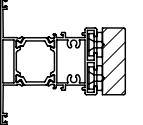
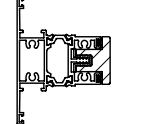
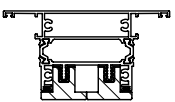
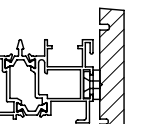
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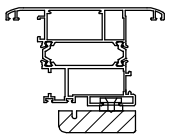
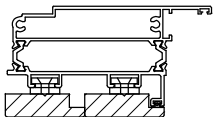
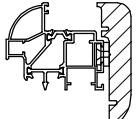
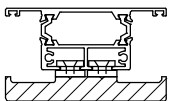
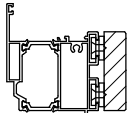
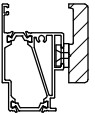
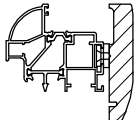
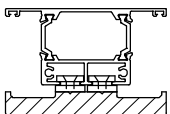
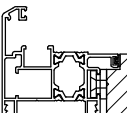
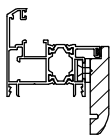
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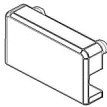
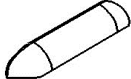
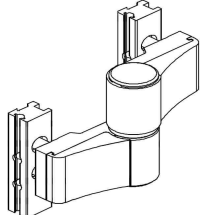
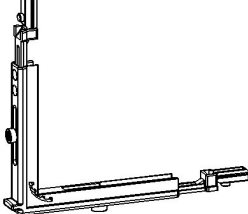




Codice Code	Sagoma Shape	Kg/m.	Descrizione Description	Sup. Vista Shown surf. mm.	Jx cm. <sup>4</sup>	Perim. mm.
14507		0.257	Fermavetro Glass beading	-	-	115
14512		0.873	Soglia ridotta Small threshold	102	-	326
14519		0.216	Fermavetro Glass beading	-	-	104
16806		1.091	Soglia ridotta Small threshold	105	-	360
19730		0.257	Fermavetro Glass beading	-	-	114
TTWA01		1.109	Telaio fisso Fixed frame	55	-	331
TTWA02		1.400	Telaio fisso maggiorato Oversize fixed frame	72	-	391
TTWA03		1.530	Battuta centrale Central rabbet	83	22.69	401
TTWA04		1.681	"T" per telaio da 80 mm "T" profile for frame 80 mm	87	17.22	482
TTWA05		1.382	Anta Wing	70	22.19	404
TTWA06		1.999	Anta maggiorata Oversize wing	100	33.80	492
TTWA07		1.637	"T" per anta da 80 mm "T" profile for wing 80 mm	87	26.48	438



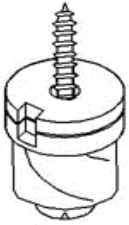

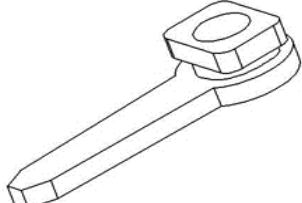



Codice Code	Sagoma Shape	Kg/m.	Descrizione Description	Sup. Vista Shown surf. mm.	Jx cm. <sup>4</sup>	Perim. mm.
TTWA08		3.013	Fascia / zoccolo da 160 mm <i>Horizontal / lower transom 160 mm.</i>	167	48.54	606
TTWA10		2.097	*T* per telaio da 110 mm. <i>*T* profile for frame 110 mm.</i>	118	21.26	563
TTWA11		1.377	Inversione battuta apertura esterna/bilico <i>Rabbet inversion for external/pivot opening</i>	36	13.62	342
TTWA12		2.219	Anta apertura esterna/bilico <i>External/pivot opening wing</i>	115	38.31	570
TTWA13		2.131	Zoccolo riportato per telai fissi <i>Lower additional transom for fixed frame</i>	92	15.31	454
TTWA17		1.505	Anta vetro infilare <i>Wing with glass to be inserted</i>	56	18.89	375
TTWA18		1.307	*T* per vetro infilare <i>*T* profile with glass to be inserted</i>	93	6.13	388
TTWA20		1.132	Soglia a pavimento <i>Floor threshold</i>	79	-	353
TTWA21		1.657	Zoccolo riportato per anta <i>Lower additional transom for wing</i>	55	25.48	391
TTWA22		1.321	Zoccolo riportato per anta vetro a infilare <i>Lower additional transom for wing with glass to be inserted</i>	56	8.65	292
TTWA23		1.341	*T* per vetro infilare <i>*T* profile with glass to be inserted</i>	93	10.77	404
TTWA24		1.397	Telaio fisso medio <i>Medium fixed frame</i>	68	-	418


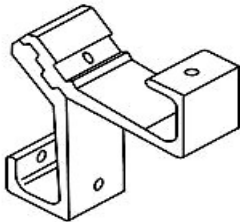
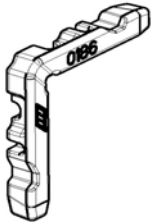
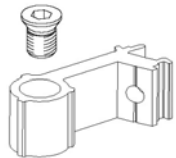
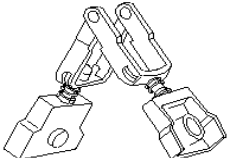
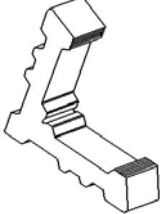
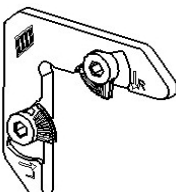
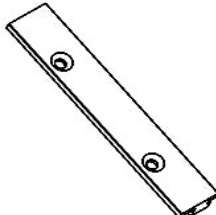

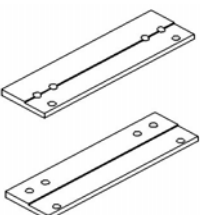
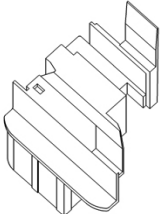
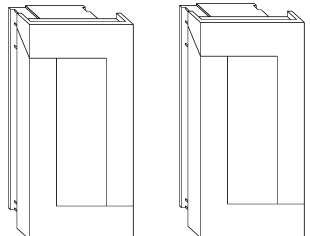
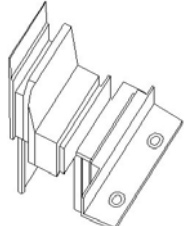
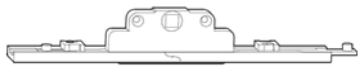
Codice Code	Sagoma Shape	Descrizione Description	Codice profilo alluminio Alluminium profile code	Codice sagomato legno Wood profile code
EWTT001		Telaio fisso "L" <i>Fixed frame "L"</i>	TTWA01	3200
EWTT002		Telaio fisso "Z" <i>Fixed frame "Z"</i>	TTWA01	3201
EWTT003		Anta <i>Wing</i>	TTWA05	3202
EWTT004		Telaio fisso "L" maggiorato <i>Oversize "L" fixed frame</i>	TTWA02	3205
EWTT005		Telaio fisso "Z" maggiorato <i>Oversize "Z" fixed frame</i>	TTWA02	3206
EWTT006		Anta maggiorata <i>Oversize wing</i>	TTWA06	3207
EWTT007		Fascia da 160 mm <i>Horizontal transom 160 mm</i>	TTWA08	3208
EWTT008		Zoccolo da 160 mm <i>Lower transom 160 mm</i>	TTWA08	3209
EWTT009		"T" per anta da 80 mm <i>"T" profile for wing 80 mm</i>	TTWA07	3210
EWTT010		"T" per telaio da 80 mm <i>"T" profile for frame 80 mm</i>	TTWA04	3211
EWTT012		"T" per telaio da 110 mm. <i>"T" profile for frame 110 mm.</i>	TTWA10	3211+3211
EWTT013		Inversione battuta apertura esterna/bilico <i>Rabet inversion for external/pivot opening</i>	TTWA11	3216



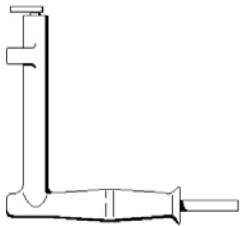
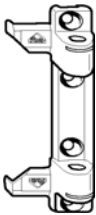

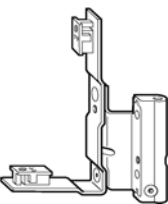


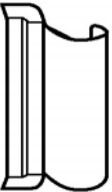
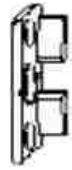


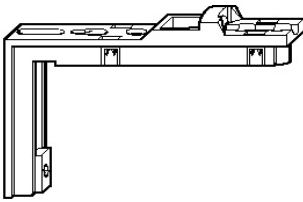

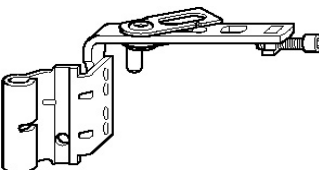
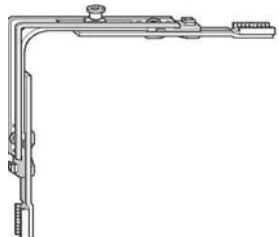
Codice Code	Sagoma Shape	Descrizione Description	Codice profilo alluminio Alluminium profile code	Codice sagomato legno Wood profile code
EWTT014		Anta apertura esterna/bilico <i>External/pivot opening wing</i>	TTWA12	3217
EWTT015		Zoccolo riportato per telai fissi <i>Lower additional transom for fixed frame</i>	TTWA13	3205+3205
EWTT016		Anta vetro infilare <i>Wing with glass to be inserted</i>	TTWA17	3222
EWTT017		"T" per vetro infilare <i>"T" profile with glass to be inserted</i>	TTWA18	3214
EWTT018		Zoccolo riportato per anta <i>Lower additional transom for wing</i>	TTWA21	3226
EWTT019		Zoccolo riportato per anta vetro a infilare <i>Lower additional transom for wing with glass to be inserted</i>	TTWA22	3228
EWTT020		Anta vetro infilare <i>Wing with glass to be inserted</i>	TTWA17	3215
EWTT021		"T" per vetro infilare <i>"T" profile with glass to be inserted</i>	TTWA23	3214
EWTT022		Telaio fisso "L" medio <i>Medium "L" fixed frame</i>	TTWA24	3229
EWTT023		Telaio fisso "Z" medio <i>Medium "Z" fixed frame</i>	TTWA24	3230

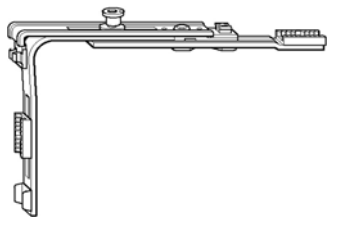
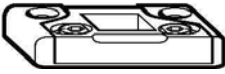
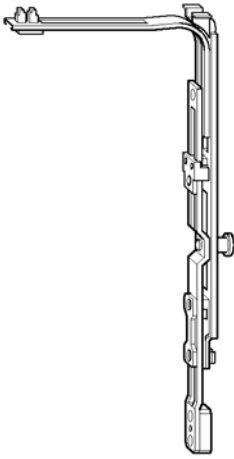

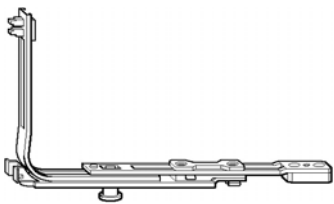

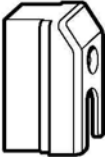
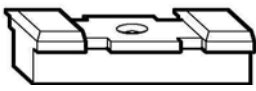




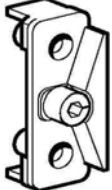
codice articolo	descrizione	
100-2328	cappetta di drenaggio	
142-2145	cappetta di drenaggio con valvolina	
100-5168V	cerniera per porte apertura esterna	
100-7550N	rinvio d'angolo	
100-7551N	puntale	
100-7556	incontro registrabile centrato	
100-7558	terminale asta	
100-7559	astina di collegamento	

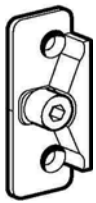
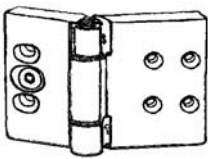
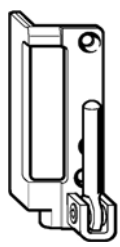
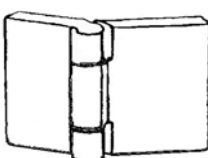
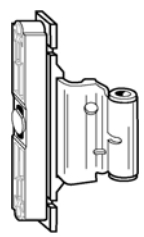

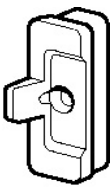

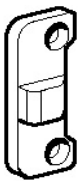


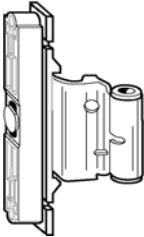
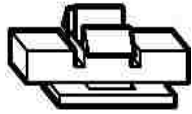

codice articolo	descrizione	
100-7560	fungo di trattenimento	
100-7561	nottolini supplementari	
104-600.01	espansore di regolazione e fissaggio	
104-600.98 104-600.99	spessori per espansori da mm.5 e da mm.2.5	
104-RV169	nottolini per assemblaggio legno	
535-090.17	viti autofilettanti TPS a croce 3,5 x 16 UNI 6955	
105-0092	Spina in zama con manico	
105-0133	squadretta a spinare o cianfrinare "Cervino 2" per anta TTWA05	

codice articolo	descrizione		codice articolo	descrizione	
105-0148	squadretta a spinare o cianfrinare "Cervino 2" per anta TTWA06		130-00A5	squadretta ad avvitare per anta TTWA06	
105-0186	squadretta a spinare o cianfrinare "Cervino 2" per anta TTWA17		130-8032	cavallotto traversi	
105-0927	squadretta a scatto "K2" ad angolazione variabile		153-0010	squadretta a cianfrinare per telai normali	
105-2004	squadretta di allineamento interno telai "Fuji"		153-0015	piastrina di rinforzo per fissaggio cerniera	
126-4361	angolo vulcanizzato per pinna centrale		153-0021	spessori per fissaggio frizione bilico	
126-6313	tappo riporto centrale		158-BIL01.B	frizione per bilico bianca	
			158-BIL01.M	frizione per bilico marrone	
126-6373	tappo riporto centrale per aperture esterne		158-BIL07	Movimentazione per aperture a bilico	

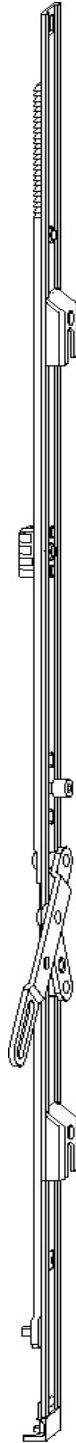


codice articolo	descrizione		codice articolo	descrizione	
167-209839	attrezzo multi uso		167-245714	supporto articolazione A	
167-212720	copertura ottonata cerniera angolare dx		167-245760	cerniera angolare inferiore dx	
167-212721	copertura ottonata cerniera angolare sx		167-250828	cerniera angolare inferiore sx	
167-227354	perno supporto articolazione		167-350401	piastrino di collegamento	
167-230245	copertura ottonata articolazione A		167-257600	incontro falsa manovra per asta a leva	
167-230323	copertura ottonata supporto articolazione A		167-258191	chiave di regolazione	
167-331488	guida per finta articolazione		167-350403	slitta alza anta	
167-230639	finta articolazione sx		167-260272	movimento angolare superiore	
167-230640	finta articolazione dx				

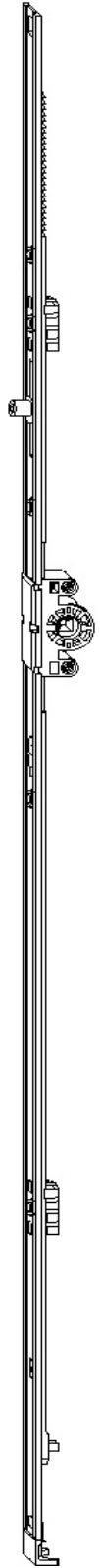
codice articolo	descrizione		codice articolo	descrizione	
167-260282	movimento angolare speciale corto		167-260450	incontro registrabile per 3° anta	
167-260284	movimento angolare V per guida articolazione		167-260459	cricchetto	
167-260288	movimento angolare anta ribalta		167-260477	incontro per cricchetto	
167-260359	incontro nottolino per cava euro		167-260478	spessore per incontro cricchetto	
167-260360	incontro nottolino		167-260479	incontro anta ribalta sx	
167-260382	incontro di sicurezza sx		167-260480	incontro anta ribalta dx	
167-260383	incontro di sicurezza dx		167-260538	dispositivo contro la falsa manovra	
			167-260539	incontro falsa manovra per cava euro	

codice articolo	descrizione		codice articolo	descrizione	
167-260540	incontro falsa manovra per anta singola		167-H28M	cerniera per 3° anta	
167-262004	sostegno angolare A sx		167-H15N (bianca)	copertura cerniere 3° anta	
167-262005	sostegno angolare A dx		167-H16N (marrone)		
167-264019	cerniera per vasistas		167-257395	catenaccio per portoncini	
167-264211	chiusura centrale su anta		167-71464	catenaccio per 3° anta da mm. 200	
167-264220	chiusura centrale su telaio		167-71465	catenaccio per 3° anta da mm. 390	
167-264348	copertura ottonata sostegno angolare sx		167-264015	cerniera centrale regolabile	
167-264349	copertura ottonata sostegno angolare dx				
167-264603	limitatore per maniglia apertura ad anta		167-224770	cerniera per portoncini ad apertura interna marrone	
			167-294825	portoncini ad apertura interna ottonata	
			167-224773	cerniera per portoncini ad apertura interna bianca	


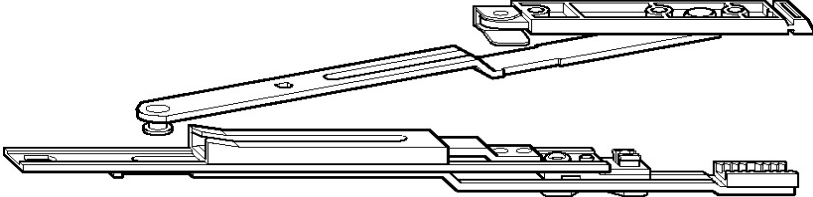

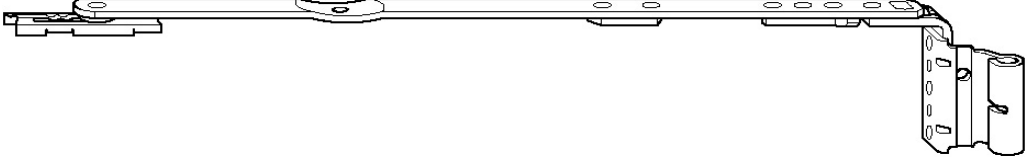
asta a leva	
codice articolo	altezza H mm.
167-233408	da 431 a 600
167-233409	da 601 a 800
167-233410	da 801 a 1000
167-233411	da 1001 a 1200
167-233412	da 1201 a 1400
167-233413	da 1401 a 1600
167-296145	da 1601 a 1800
167-296074	da 1801 a 2000
167-296075	da 2001 a 2200
167-296076	da 2201 a 2400


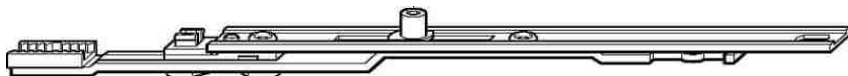
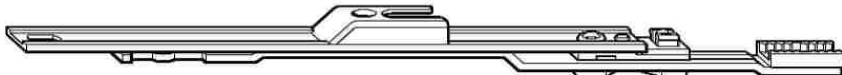
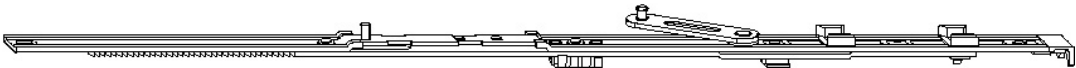


cremonese per anta ribalta		
codice articolo	altezza H mm.	H maniglia mm.
167-284314	da 280 a 480	120
167-259830	da 481 a 600	170
167-259831	da 601 a 800	263
167-259836	da 801 a 1000	413
167-259838	da 1001 a 1200	513
167-259840	da 1201 a 1400	563
167-259842	da 1401 a 1600	563
167-259846	da 1601 a 1800	563
167-259847	da 1601 a 1800	1000
167-259849	da 1801 a 2000	1000
167-259851	da 2001 a 2200	1000
167-259854	da 2201 a 2400	1000





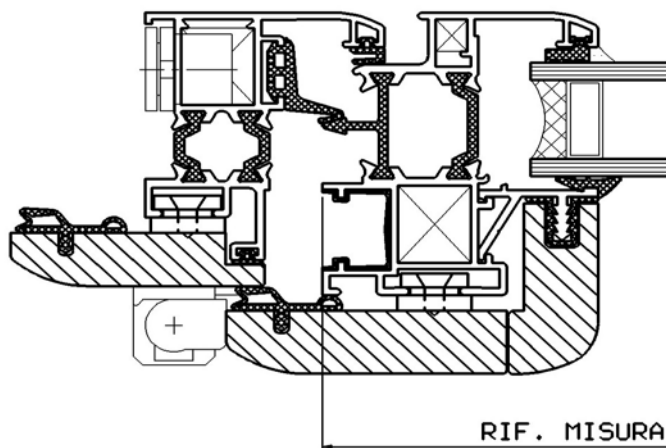
codice articolo	descrizione	
167-255224	articolazione per vasistas	
167-255237	articolazione supplementare	
167-256031	incontro per serratura sx porte ad un' anta	
167-256032	incontro per serratura dx porte ad un' anta	
167-258300	incontro per serratura dx porte a due ante	
167-258299	incontro per serratura sx porte a due ante	
<b>articolazione Gr. 150</b>		
codice articolo	dimensione mm.	
167-258060	da 290 a 410 sx	
167-258061	da 290 a 410 dx	
<b>articolazione Gr. 250</b>		
167-258062	da 411 a 600 sx	
167-258063	da 411 a 600 dx	
<b>articolazione Gr. 350</b>		
167-258064	da 601 a 800 sx	
167-258065	da 601 a 800 dx	
<b>articolazione Gr. 500</b>		
167-258042	da 801 a 1400 sx	
167-258043	da 801 a 1400 dx	



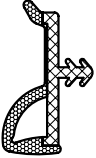
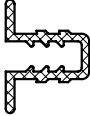
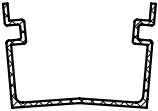






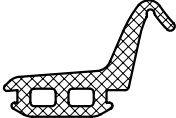
<b>cremonese per vasistas</b>		
codice articolo	dimensione mm.	
167-260129	da 180 a 250	
167-260130	da 251 a 500	
167-260131	da 501 a 800	
167-260132	da 801 a 1100	
167-260133	da 1101 a 1400	
167-260134	da 1401 a 1800	
167-260135	da 1801 a 2400	
codice articolo	descrizione	
167-308267	prolunga per cremonese da mm. 200	
167-297858	prolunga per cremonese da mm. 400	
167-260194	prolunga per asta a leva da mm. 200	
167-260195	prolunga per asta a leva da mm. 400	
<b>guida articolazione</b>		
codice articolo	dimensione mm.	
167-260201	da 290 a 410	
167-256024	da 411 a 600	
167-260204	da 601 a 800	
167-260208	da 801 a 1000	
167-260212	da 1001 a 1200	
167-260215	da 1201 a 1400	

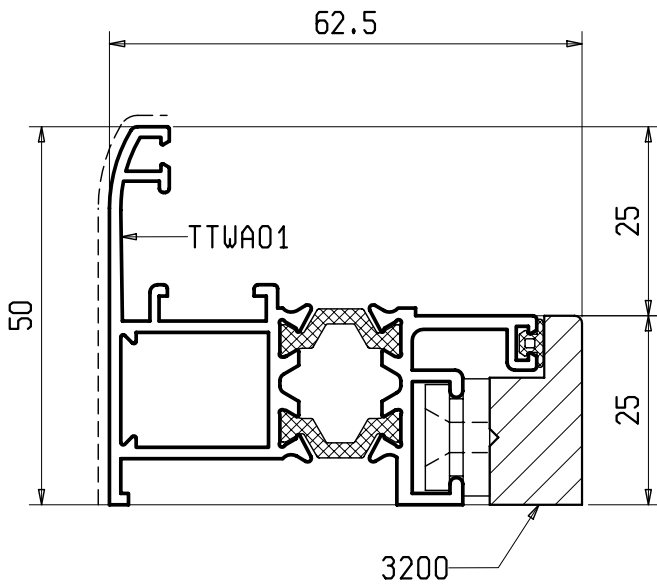
chiusure supplementari verticali e orizzontali		
codice articolo	dimensione mm.	
167-255280	da 800 a 1000	
167-260297	da 1001 a 1400	
167-260298	da 1401 a 1600	
167-260299	da 1601 a 2000	
167-260300	da 2001 a 2400	
codice articolo	descrizione	
167-296366	serratura entrata 40/85 con 4 nottolini H=2200	
167-296402	serratura entrata 40/85 con 4 nottolini H=2500	

**N.B.**

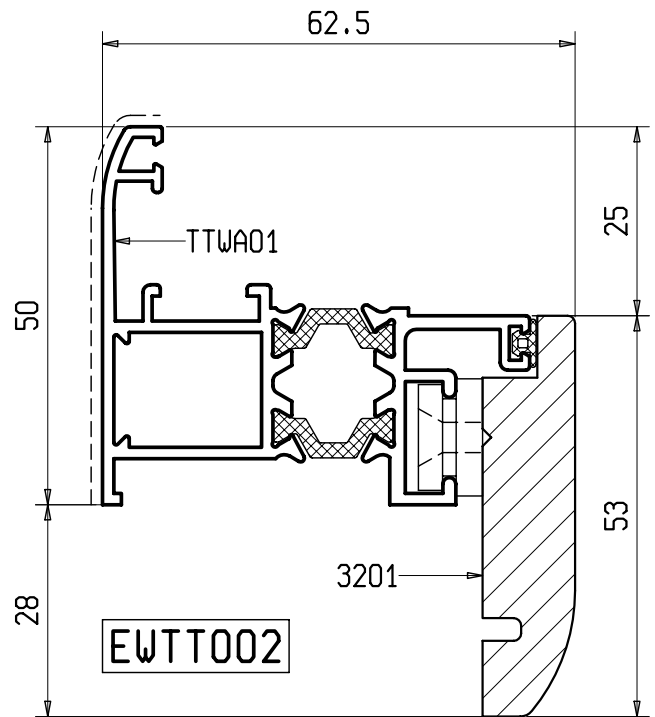
Il riferimento delle misure è da considerarsi dalla cava esterna dell' alloggiamento accessori



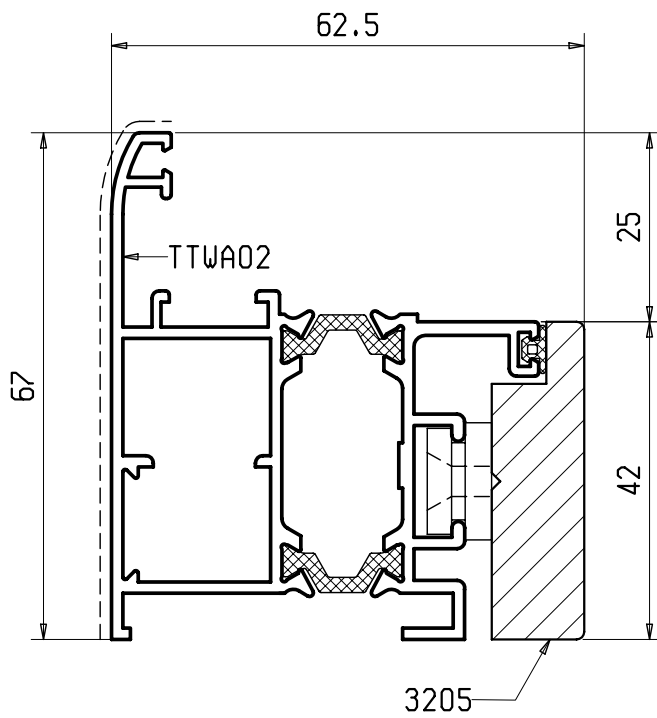
 <p><b>art. 102-6197</b> ALFAPRENE GUARNIZIONE DISTANZIATRICE <i>Spacing gasket</i></p>	 <p><b>art. 126-2197</b> EPDM GUARNIZIONE DI VETRAZIONE INTERNA SPESSORE mm. 7/8 TAGLIO A 45° UNITA AGLI ANGOLI CON COLLANTE <i>mm. 7/8 thick internal glass beading gasket, 45° cutting, connected to the corners with glue</i></p>
 <p><b>art. 126-8162</b> EPDM coestruso GUARNIZIONE DI BATTUTA INTERNA TAGLIO A 45°, UNITA AGLI ANGOLI CON COLLANTE <i>Internal rabbet gasket, 45° cutting connected to the corners with glue</i></p>	 <p><b>art. 126-2217</b> EPDM GUARNIZIONE PER FISSAGGIO FERMAVETRO IN LEGNO <i>Wood glass beading gasket</i></p>
 <p><b>art. 126-1155</b> PVC RIGIDO PROFILO ISOLATORE CANALE ACCESSORI <i>Insulated profile for accessory groove</i></p>	 <p><b>art. 126-2377</b> EPDM GUARNIZIONE PER RIPORTO CENTRALE <i>Central rabbet profile gasket</i></p>
 <p><b>art. 126-1205</b> P.V.C. COESTRUSO GUARNIZIONE DI VETRAZIONE ESTERNA FONDO GIUNTO DA 4 mm. <i>mm. 4 thick support glass external seal gasket</i></p>	 <p><b>art. 126-2666</b> EPDM GUARNIZIONE DI TENUTA ESTERNA TAGLIO A 45°, UNITA AGLI ANGOLI CON COLLANTE <i>External seal gasket, 45° cutting connected to the corners with glue</i></p>
 <p><b>art. 126-2194</b> EPDM GUARNIZIONE DI VETRAZIONE INTERNA SPESSORE mm. 3/4 TAGLIO A 45° UNITA AGLI ANGOLI CON COLLANTE <i>mm. 3/4 thick internal glass beading gasket, 45° cutting, connected to the corners with glue</i></p>	 <p><b>art. 126-2800</b> EPDM GUARNIZIONE DI VETRAZIONE INTERNA SPESSORE mm. 2 TAGLIO A 45° UNITA AGLI ANGOLI CON COLLANTE <i>mm. 2 thick internal glass beading gasket, 45° cutting, connected to the corners with glue</i></p>
 <p><b>art. 126-2195</b> EPDM GUARNIZIONE DI VETRAZIONE INTERNA SPESSORE mm. 5/6 TAGLIO A 45° UNITA AGLI ANGOLI CON SIGILLANTE <i>mm. 5/6 thick internal glass beading gasket, 45° cutting, connected to the corners with glue</i></p>	 <p><b>art. 126-2874</b> EPDM GUARNIZIONE DI TENUTA CENTRALE A GIUNTO APERTO. TAGLIO A 45° , UNITA AGLI ANGOLI CON COLLANTE <i>Open joint, central seal, 45° cutting, connected to the corners with glue</i></p>



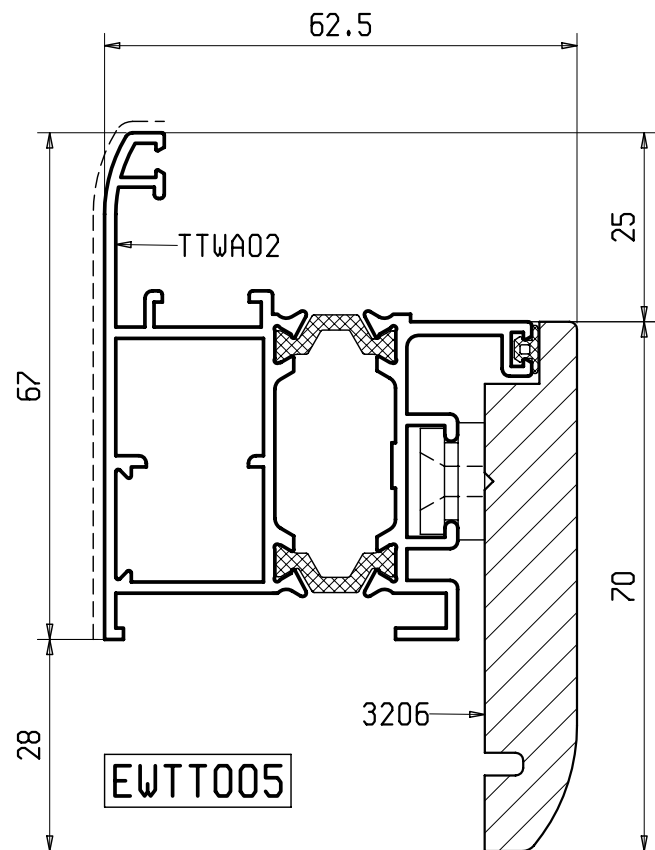
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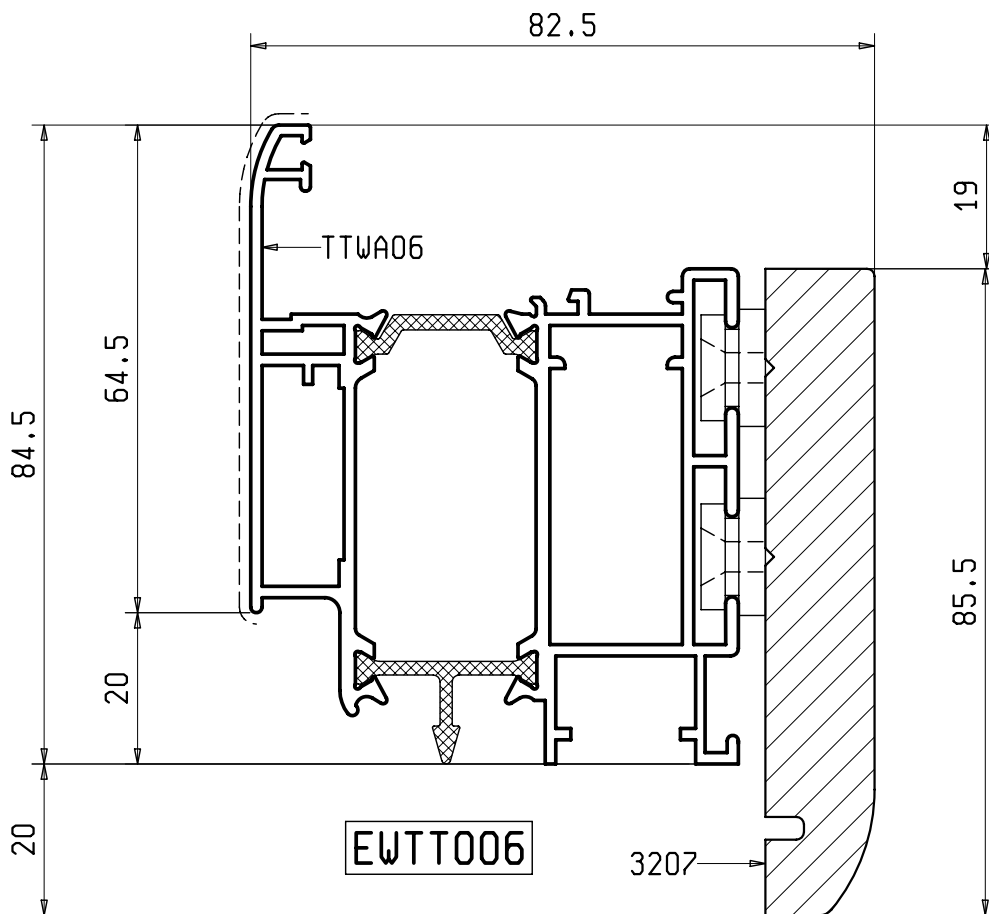
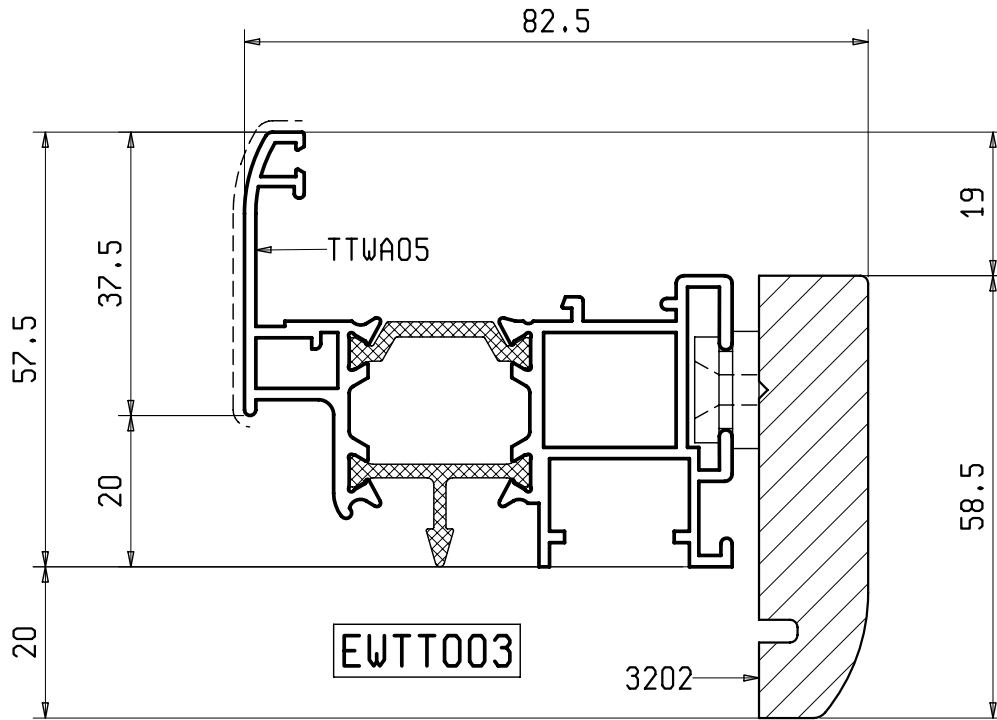
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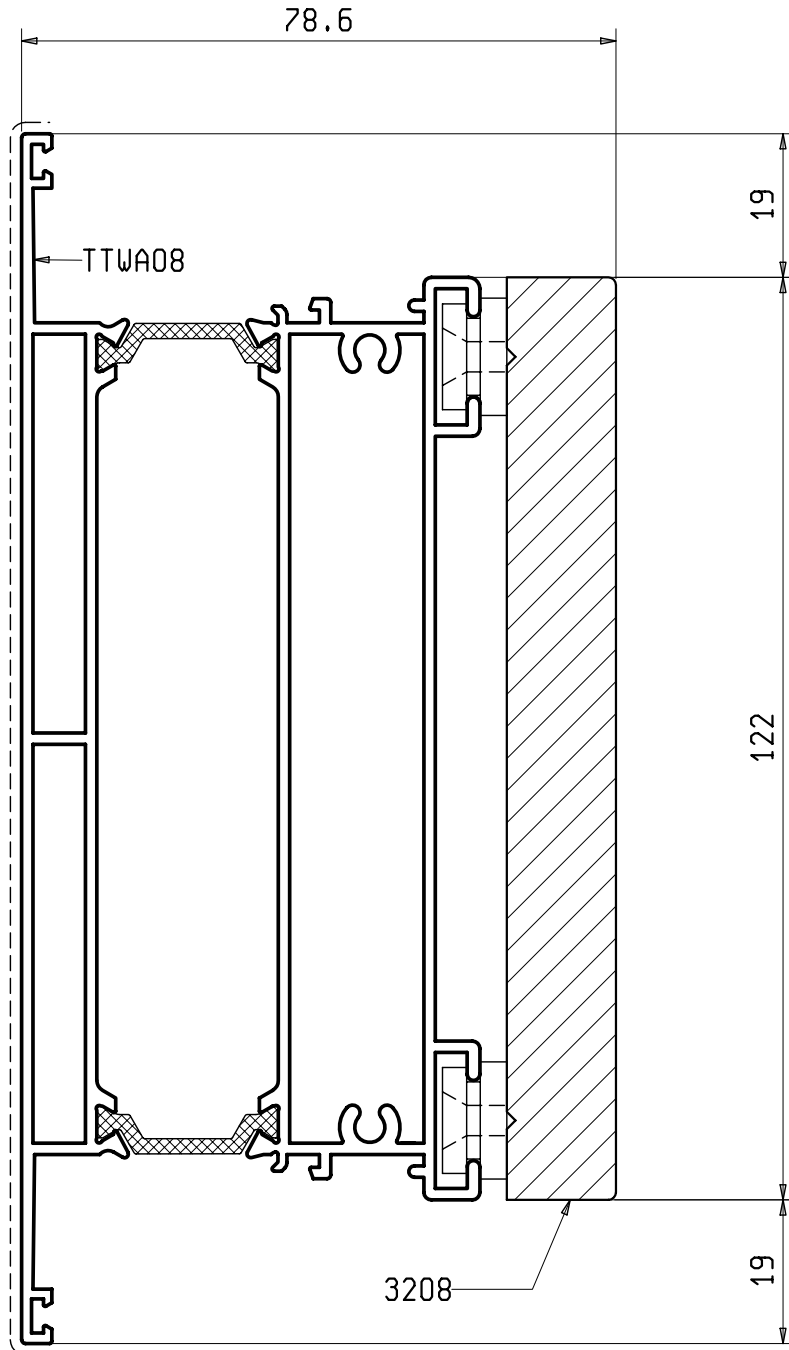


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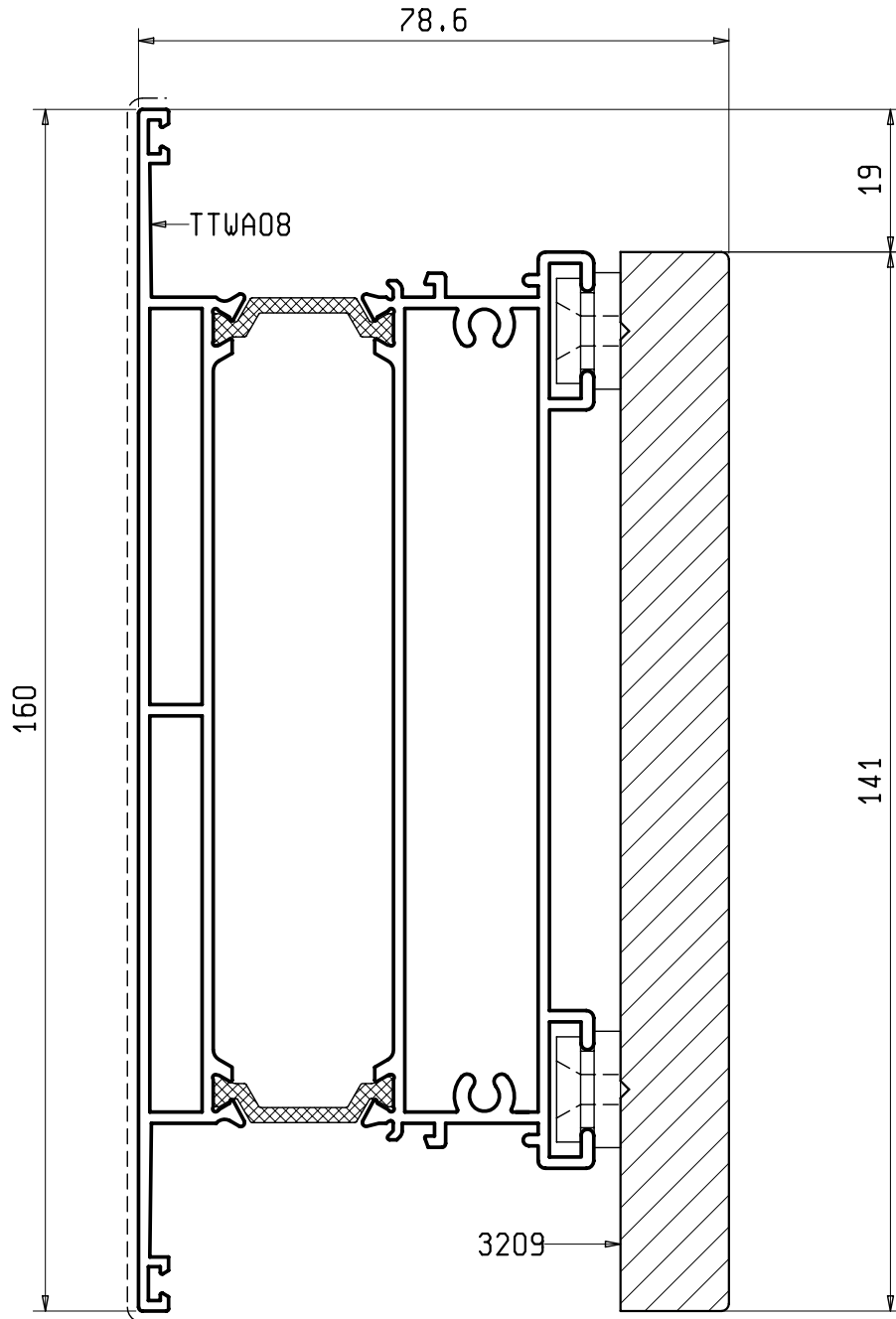


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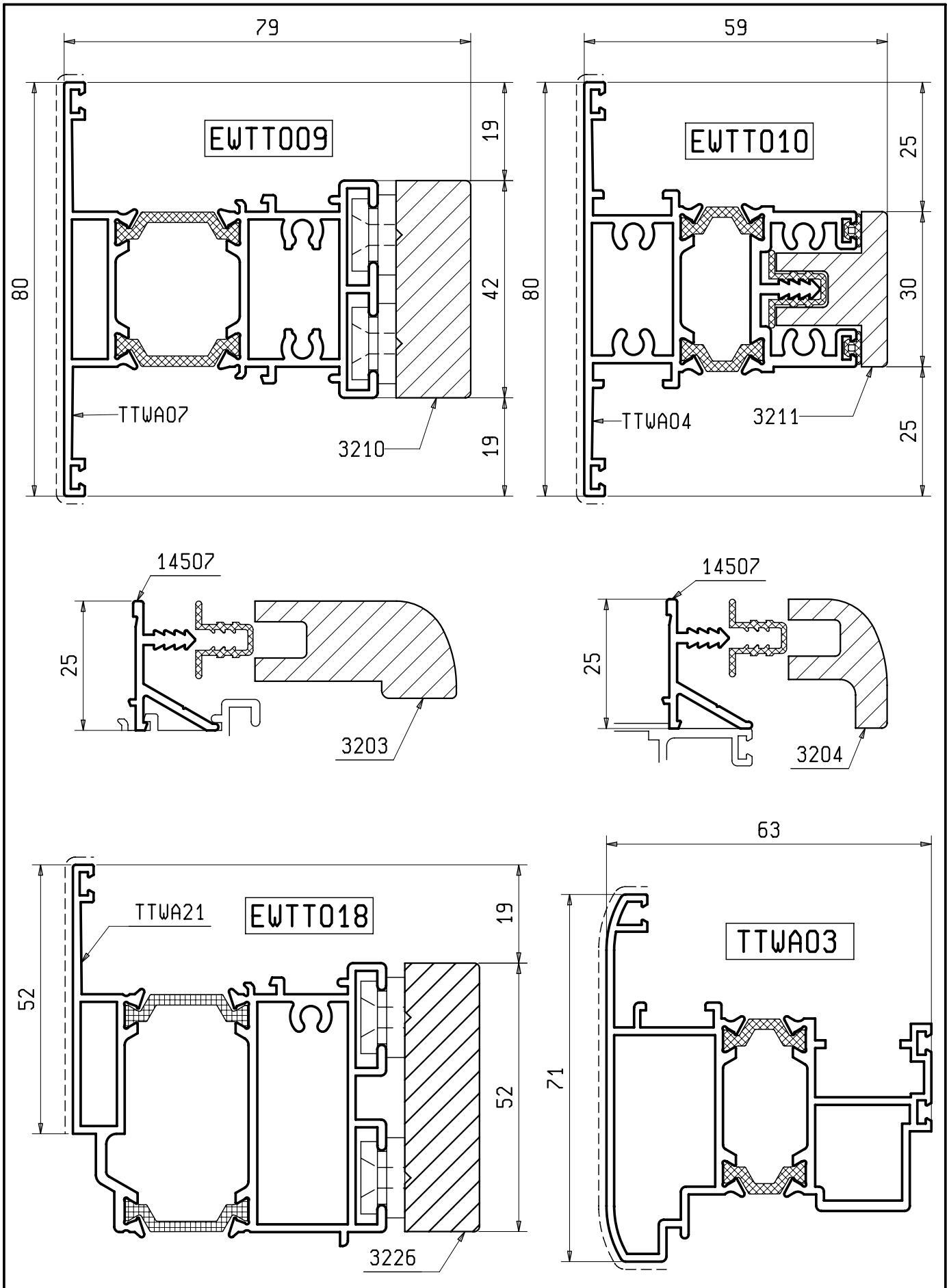


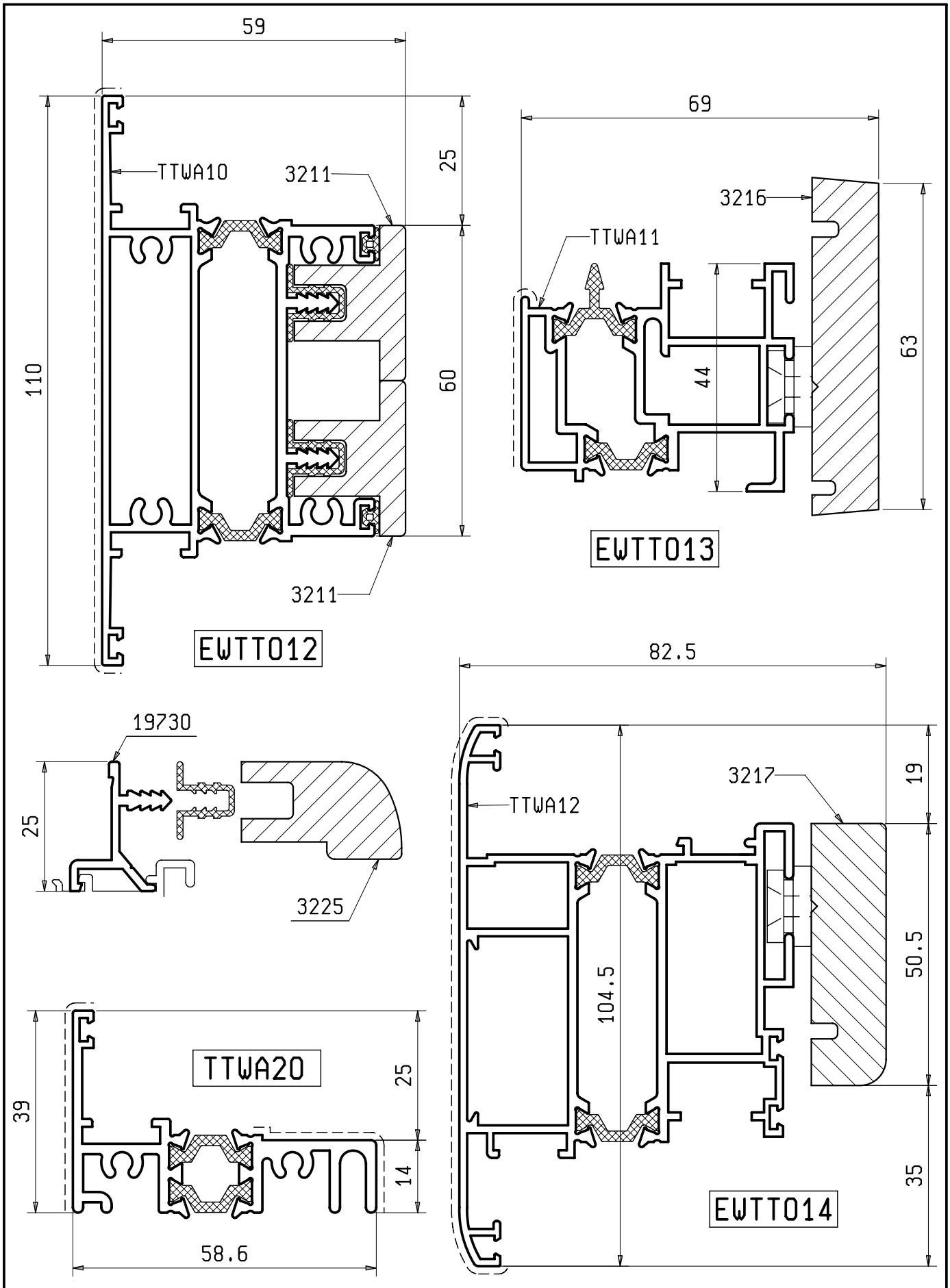
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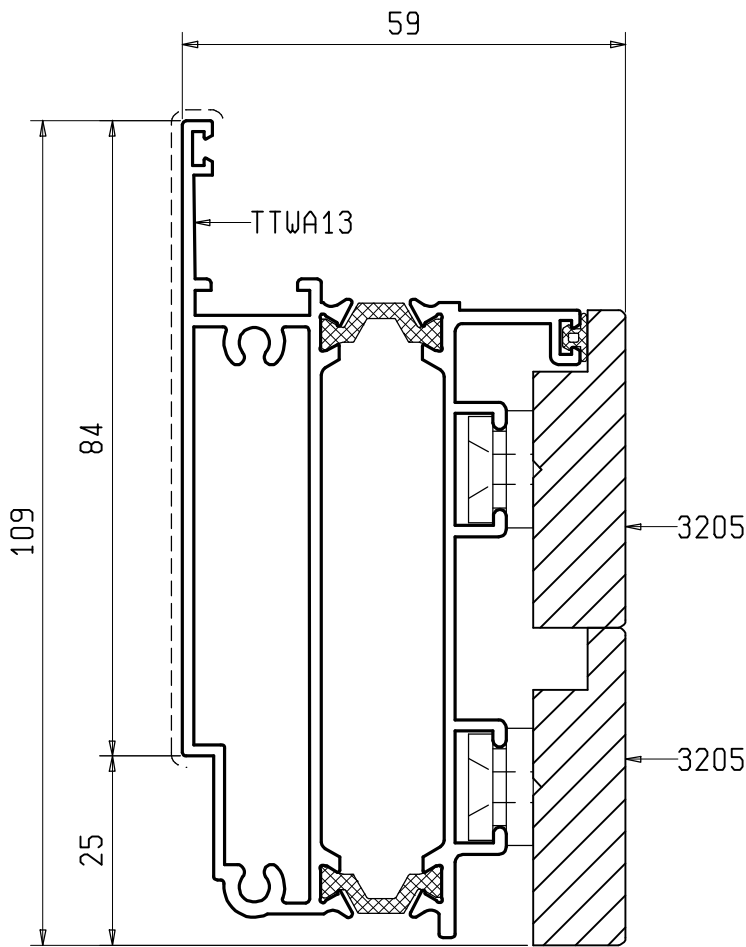


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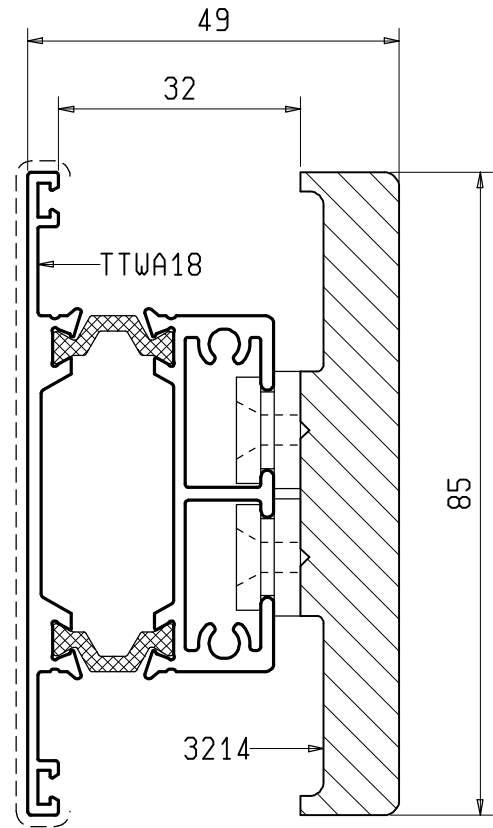




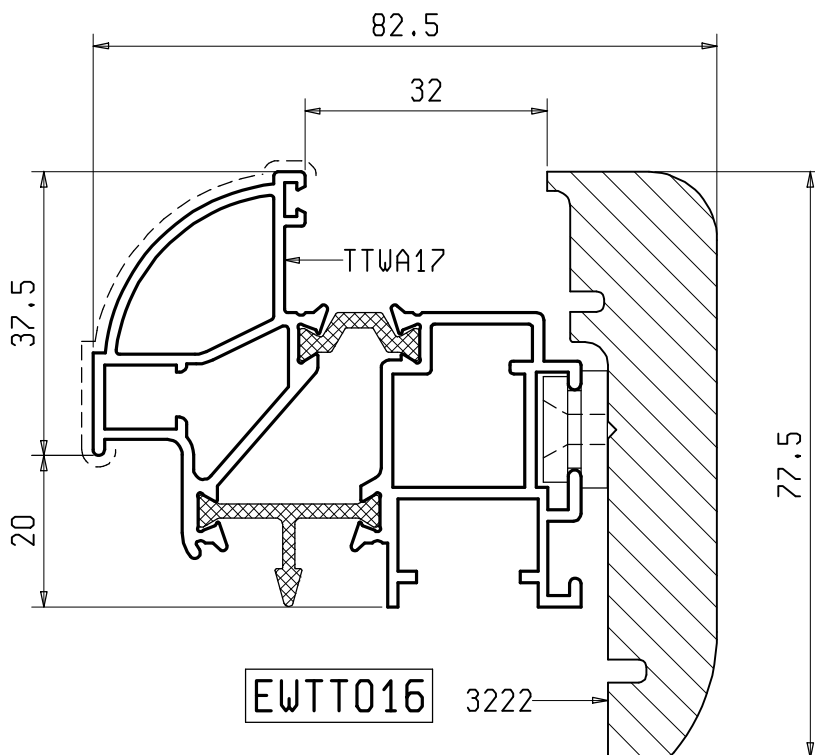




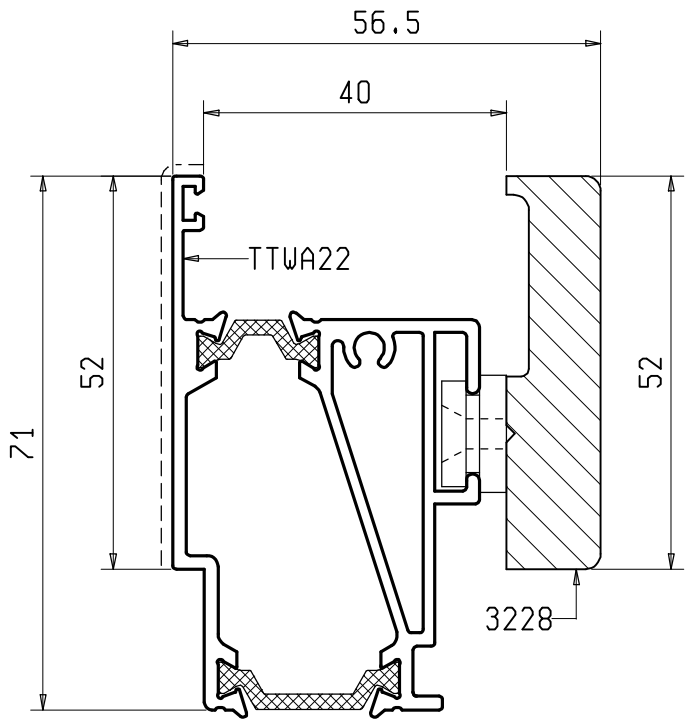
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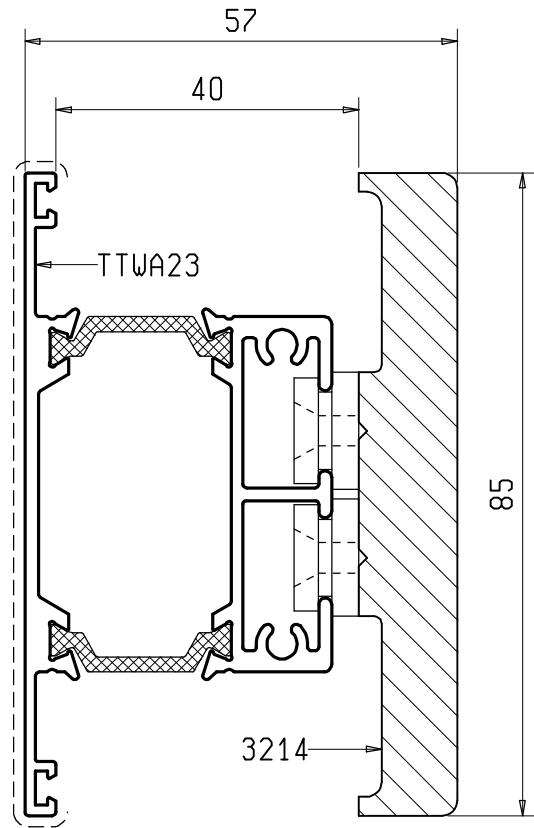
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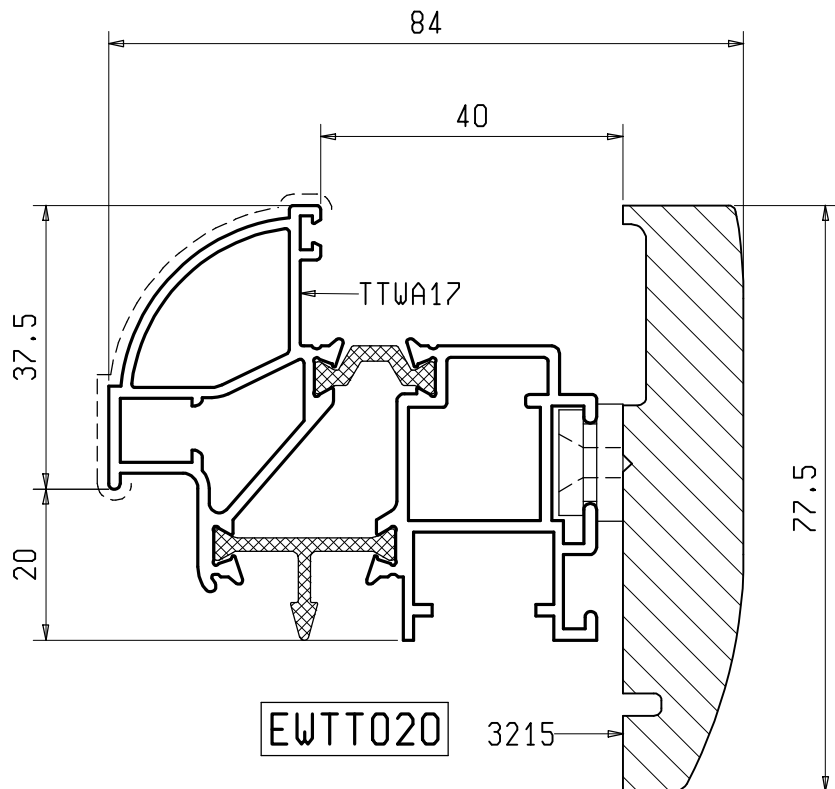
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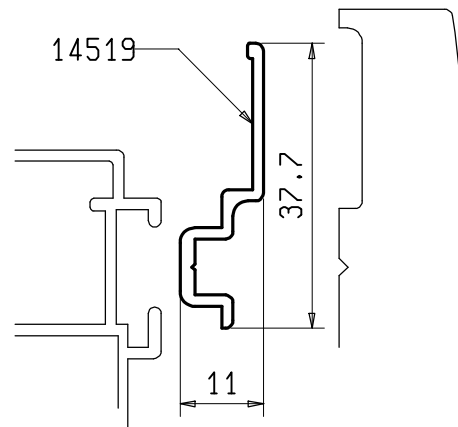
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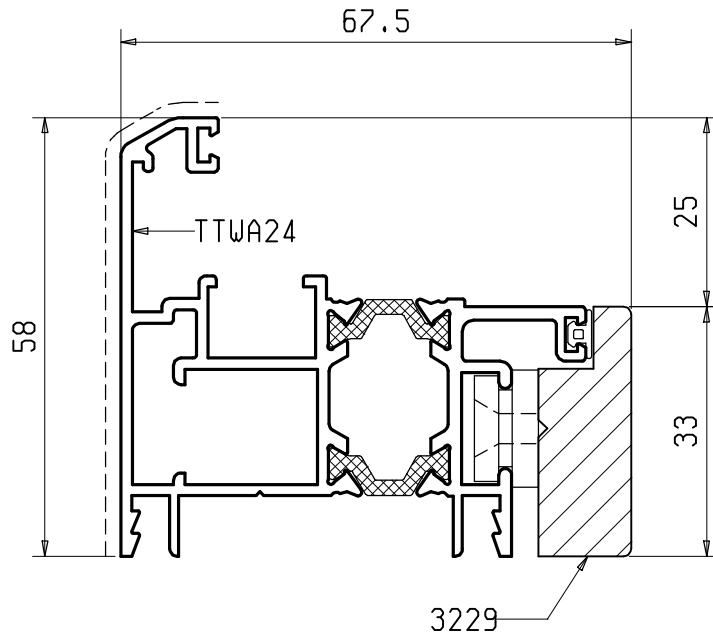


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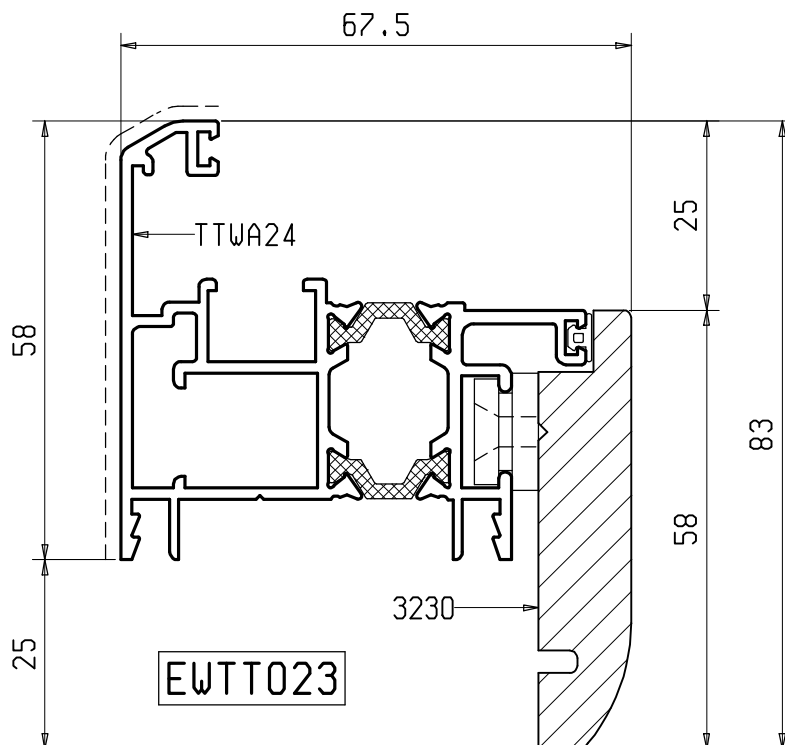


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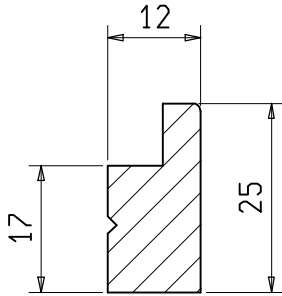


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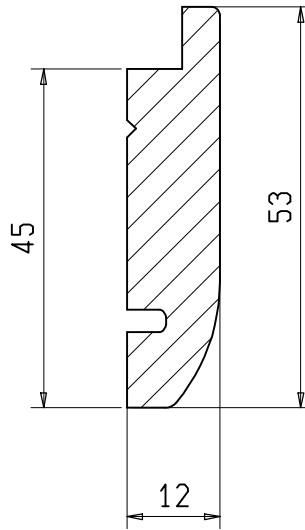


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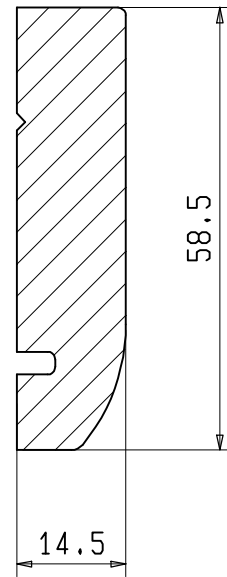
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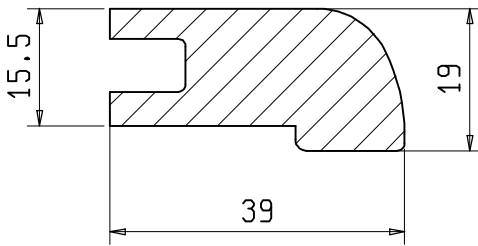
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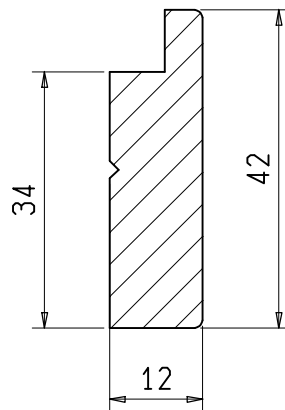
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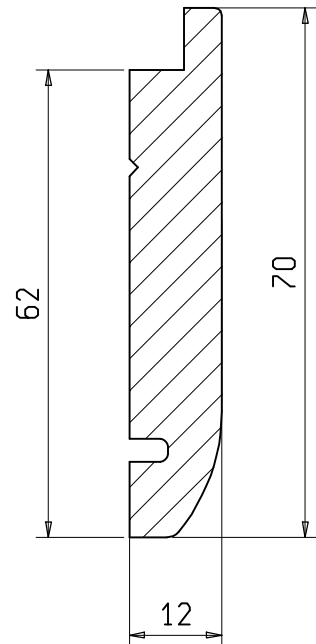
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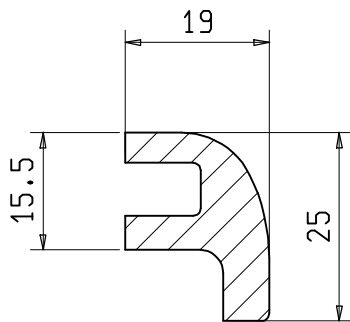
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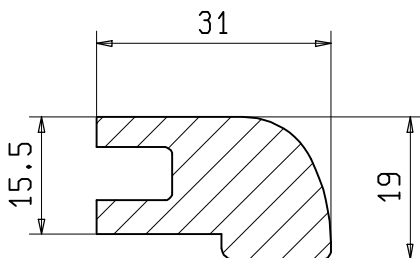
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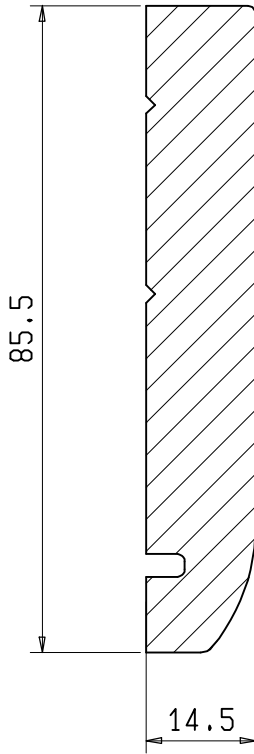
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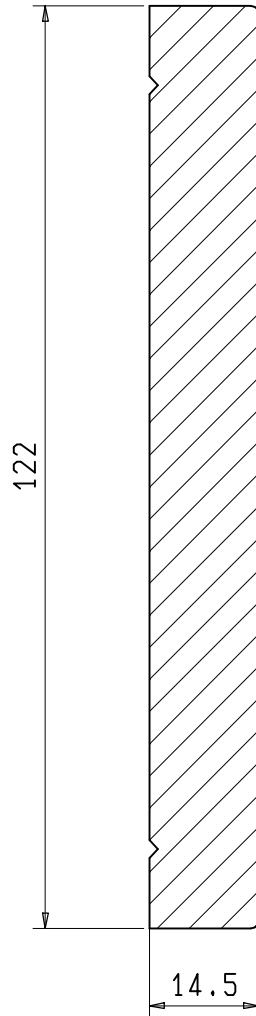
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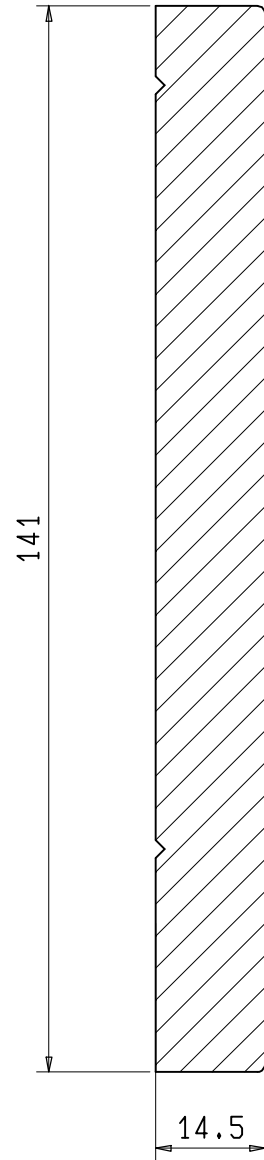
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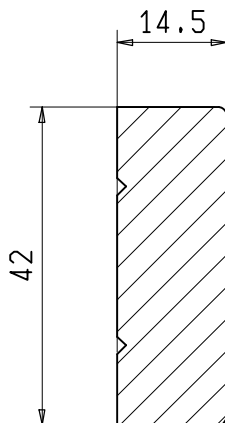
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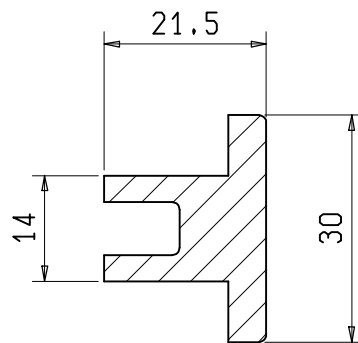
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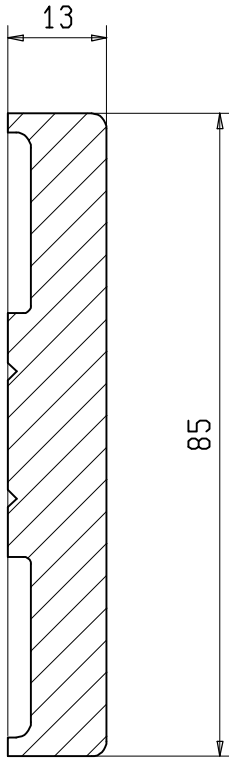


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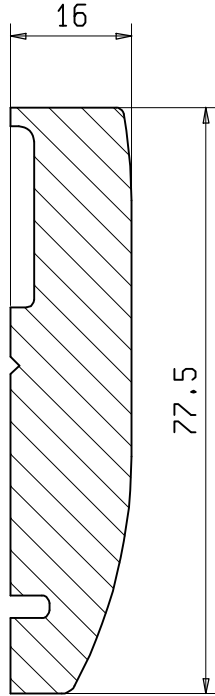


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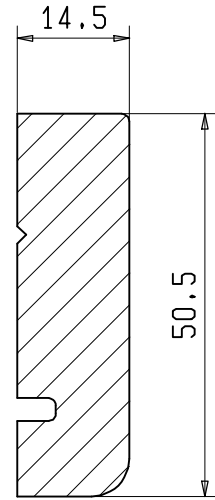


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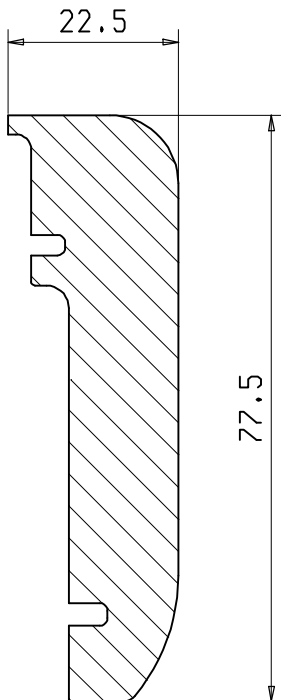
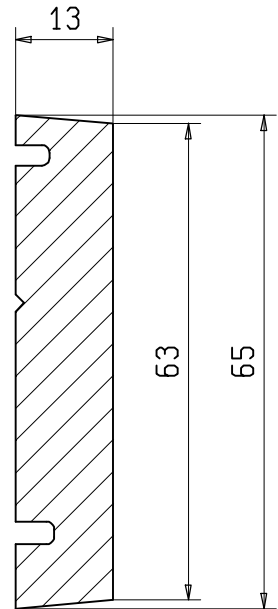


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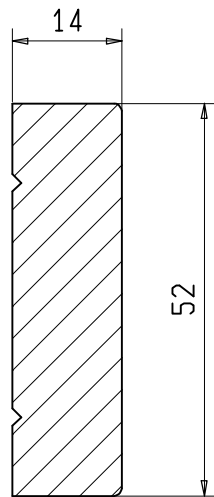
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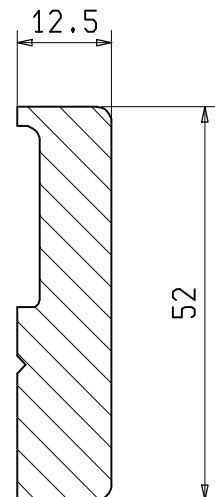


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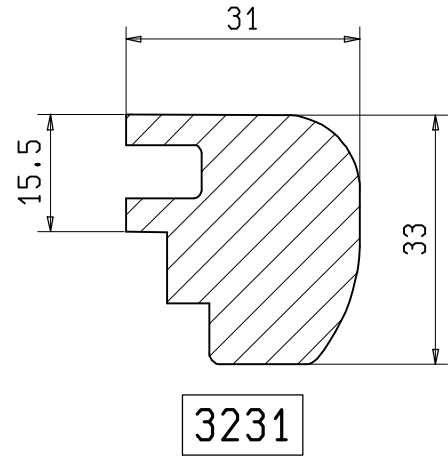
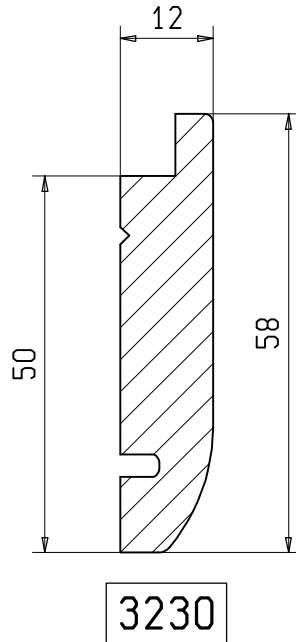
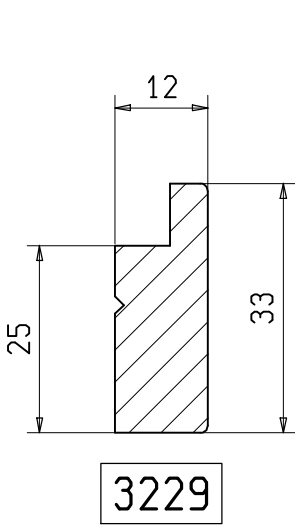


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**SPECIFICHE TECNICHE RICHIESTE PER L' APPROVVIGIONAMENTO DEI SAGOMATI IN LEGNO DA UTILIZZARE NELLA SERIE EKU WOODART**

**Tipo di legno e caratteristiche dei sagomati normalmente previsti:**

sagomati in Frassino americano (American White Ash) verniciati tinto noce, tinto ciliegio, tinto rovere;

**selezione del prodotto:**

non oltre il 15% del prodotto fornito potrà riportare sui lati in vista n° 1 difetto (scheggiatura, setolatura, fori di tarlo, ecc.) di lunghezza inferiore a cm. 30, mentre in via eccezionale, non più del 3% di questo potrà presentare n° 3 difetti di lunghezza inferiore a cm. 10; in tutti i casi, i difetti non potranno essere ad una distanza minore di mm. 800 dall'estremità della barra;

le barre saranno lunghe mm. 3300-3600, con una percentuale di misure più corte non inferiore a mm. 3000, non eccedente il 15-20 % della quantità totale fornita;

**verniciatura:**

dovrà essere eseguita a spruzzo su tutti i lati con due mani di vernice poliuretanica trasparente preceduta da una mano di impregnante antibatterico e, per i colori noce e ciliegio, una mano di tinta a base di pigmenti resistenti alla luce, mentre per il colore naturale (tinto rovere) dovrà essere usata una vernice trasparente opaca;

il tavolame utilizzato dovrà essere opportunamente selezionato al fine di ottenere la massima omogeneità nella tonalità di colore tra un sagomato e l'altro;

**applicazione di pellicola protettiva pelabile:**

su ogni sagomato dovrà essere applicata una pellicola protettiva pelabile, che verrà tolta al termine delle lavorazioni per la costruzione del serramento;

**marchiatura di riconoscimento:**

sulla superficie non in vista di ogni sagomato dovrà essere stampigliato, con passo di mm. 300 l'uno dall'altro, il codice di riconoscimento dell'articolo, del fornitore e del lotto di produzione;

**imballaggio:**

i sagomati dovranno essere imballati in adeguate scatole di cartone, con etichetta adesiva e relativa descrizione del contenuto;

le barre in misura più corta rispetto allo standard nonché quelle con eventuali difetti del tipo e nella quantità massima precedentemente definiti, dovranno essere distribuite in maniera omogenea scatola per scatola, onde evitare concentrazioni di materiale con scostamenti di lunghezza e difetti qualitativi eccedenti le percentuali previste.

In ogni caso, relativamente all' idoneità tecnica delle specie legnose da utilizzare, si farà riferimento alla tabella UNI 8938, nonché alle UNI 2853-2854-3917-4390-8662/1-8789-8940 per quanto concerne le nomenclature delle specie legnose, le loro caratteristiche, i segati ed i trattamenti del legno e alla norma UNI EN 942 per la classificazione della qualità del legno.

**TECHNICAL REQUIREMENTS FOR SUPPLYING OF WOOD SHAPES TO BE USED FOR THE BUILDING SYSTEM EKU WOODART**

**The following types of wood and shaped materials are normally utilized:**

America White Ash profiles, painted in walnut, cherry and oak colours;

**selection of the product:**

no more than 15% of the product supplied may present n°1 defect on the visible side ( splintering, brushing and worm-holes etc.), less than 30 cm long, exceptionally and in any case no more than 3% of this may present no more than n°3 faults with defects less than 10 cm long; in all instances, the defects have to be at least 800 mm from the ends; the bars shall be 3300-3600 mm long, with a percentage of measures not shorter than 3000 mm and in any case no more than 15-20 % of the total batch of every type of product.

**painting:**

shall be spray-painted on all sides with two coating of polyurethanic varnish preceded by a hand-brushed antibacterial impregnation and, for nut and cherry colours, a hand-applied coat of colour based on light resistant pigments; for natural colours (oak dye) a transparent opaque paint is used; the utilised planking has to be carefully selected in order to obtain the highly homogeneity in the colour shades among the wood shapes.

**protective peelable layer application:**

a protective peelable layer shall be applied to every profile that is taken off at the end of the process, ready for the construction of the fixture.

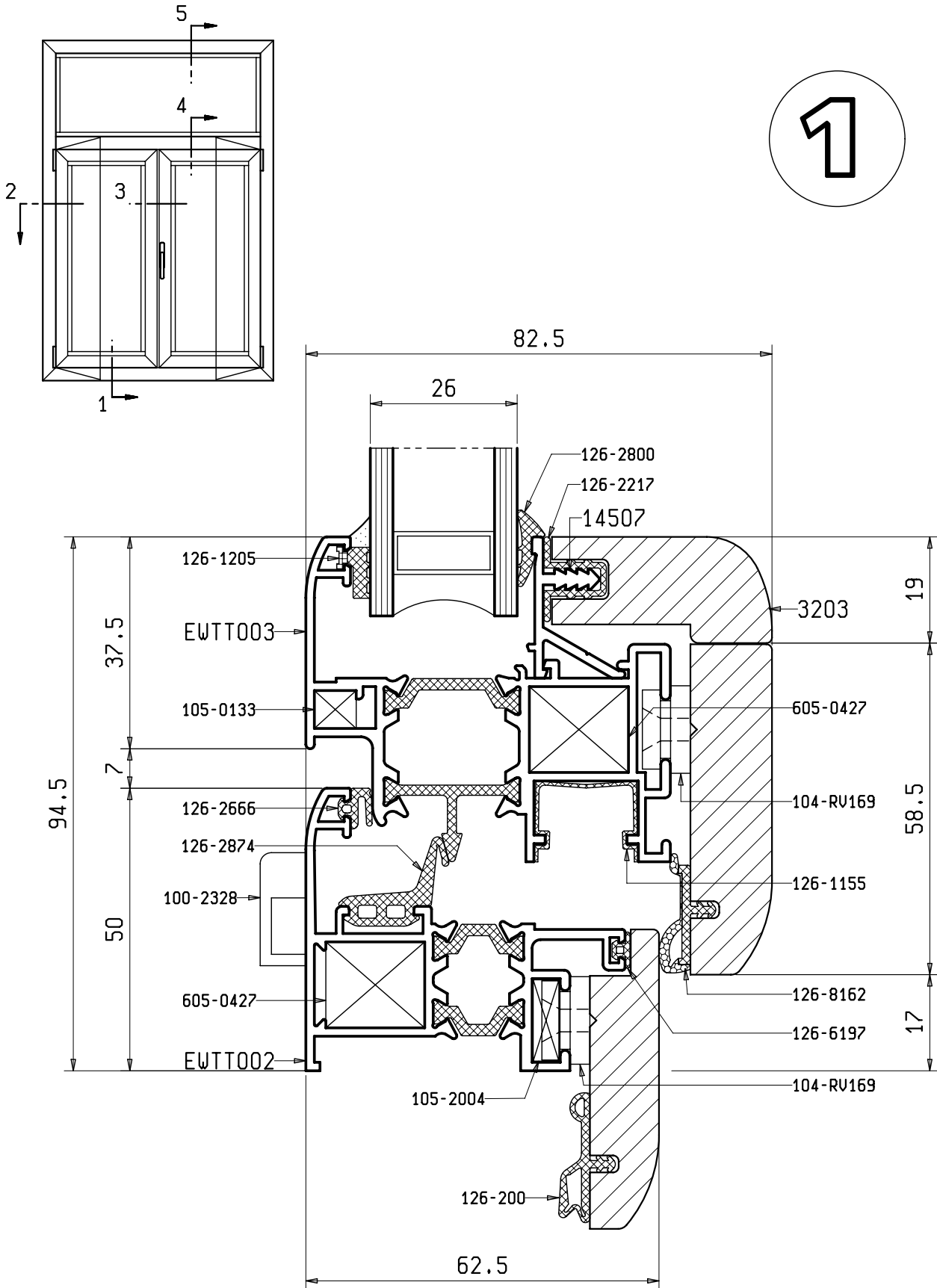
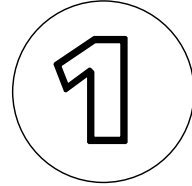
**Identification mark:**

On every wood shape surface which is not in view, have to be marked the identification codes of article, supplier and production batch. These codes have to be marked at a distance of 300 mm from each other.

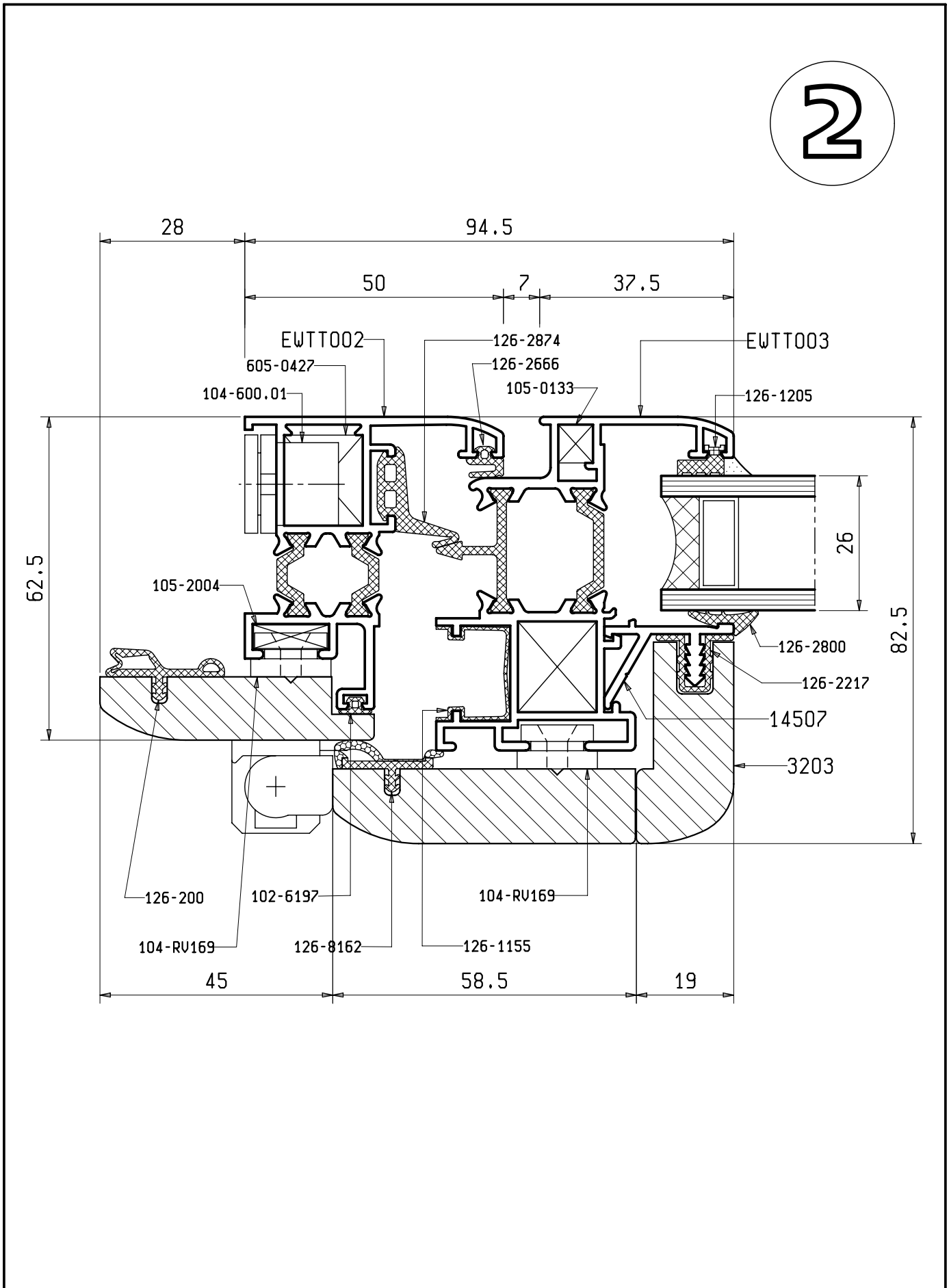
**packaging:**

The wood shapes has to be packed in suitable carton boxes, with label and related description of contents; the wood shapes which are shorter than the standard length and those presenting the kind of defects named before and in the maximal number mentioned, have to be handed out in homogeneous quantity in each box, in this way we will avoid the concentration of faulty material exceeding the foreseen quantities.

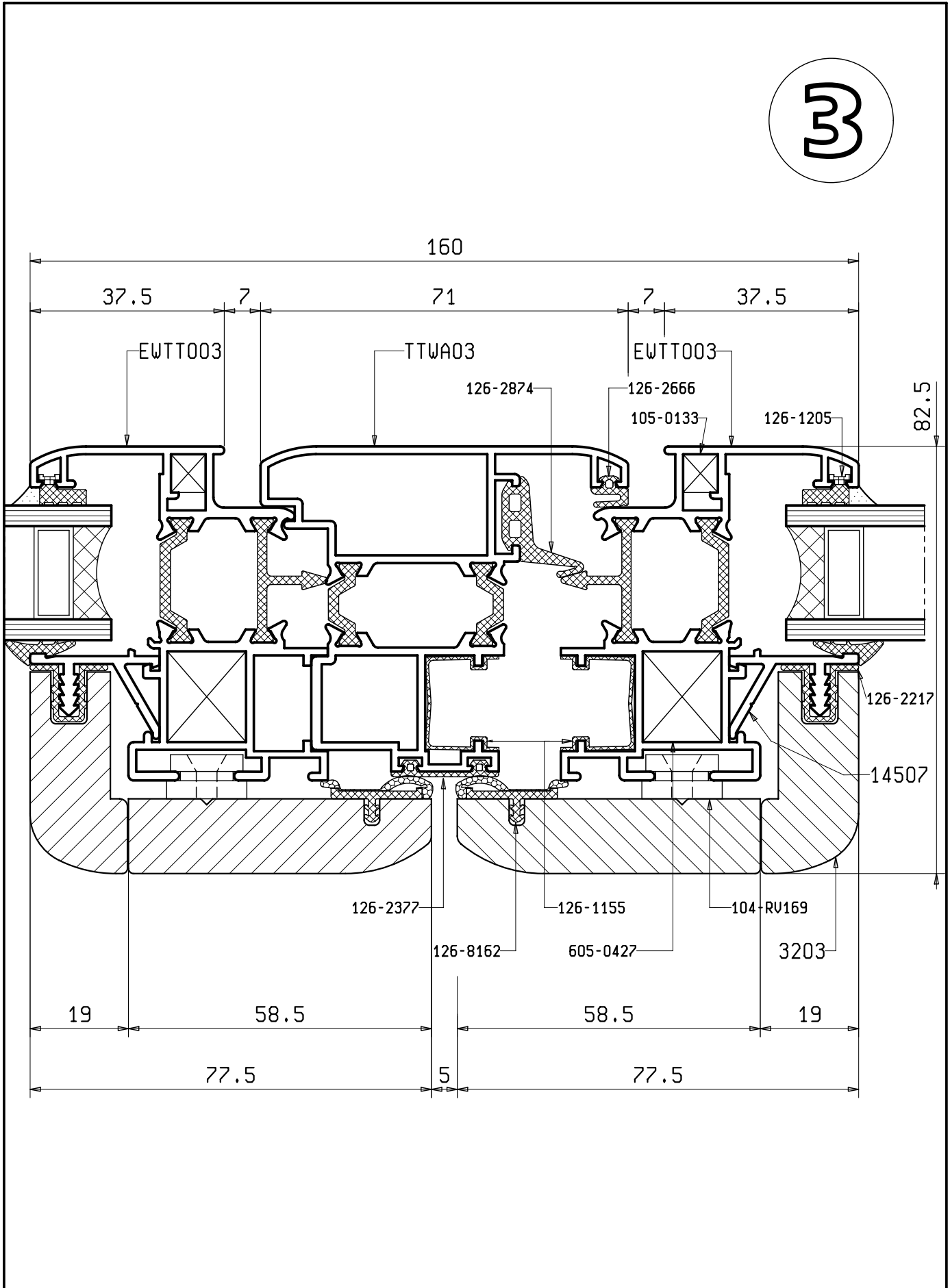
In any case, regarding any technical applicability concerning wooden items to be used, reference is made to UNI 8938, as well as UNI 2853-2854-3917-4390-8662/1-8789-8940 concerning wooden nomenclature, wood characteristics, sawing and wood treatments and reference to UNI EN 942 for wooden quality classification



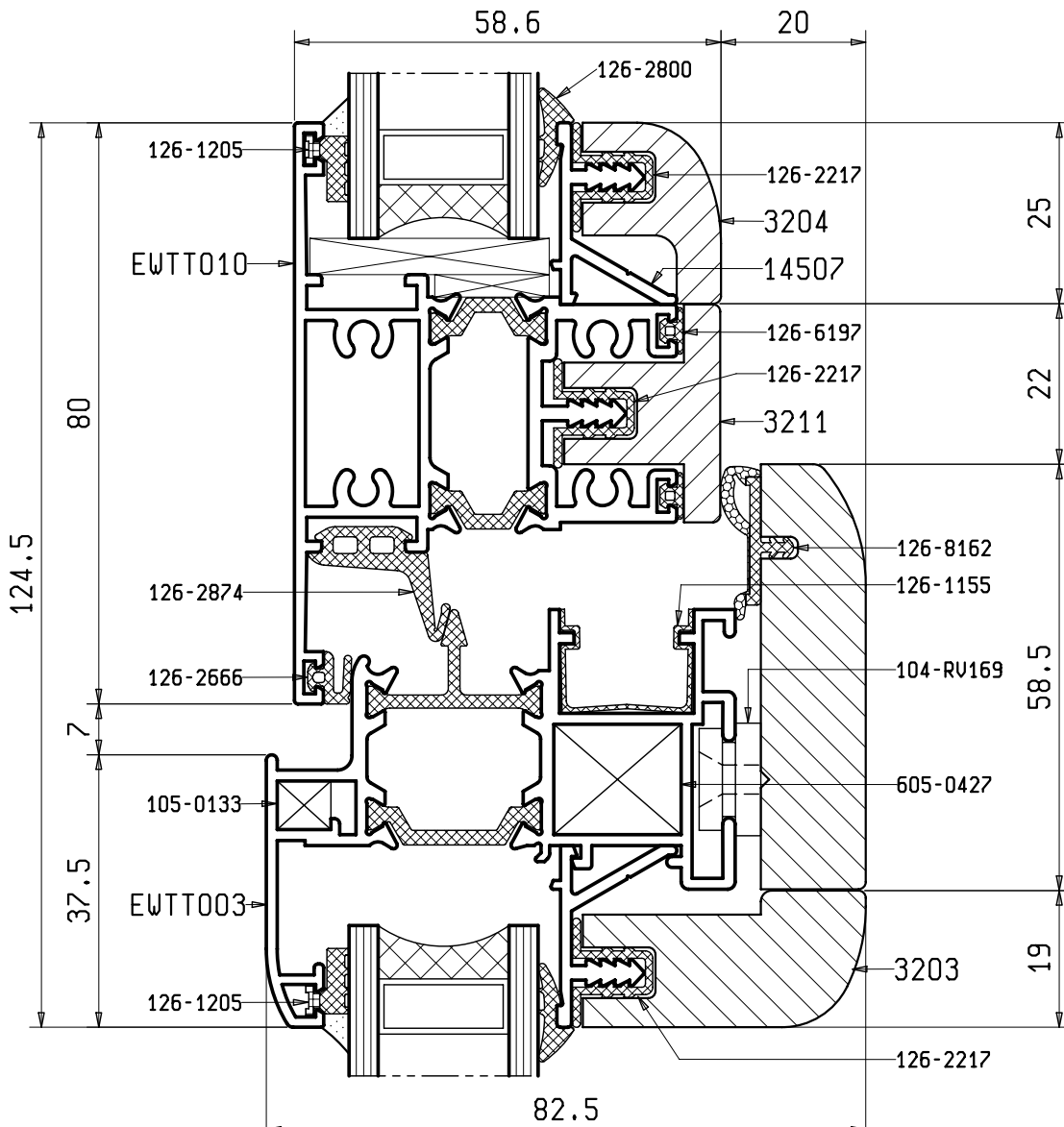
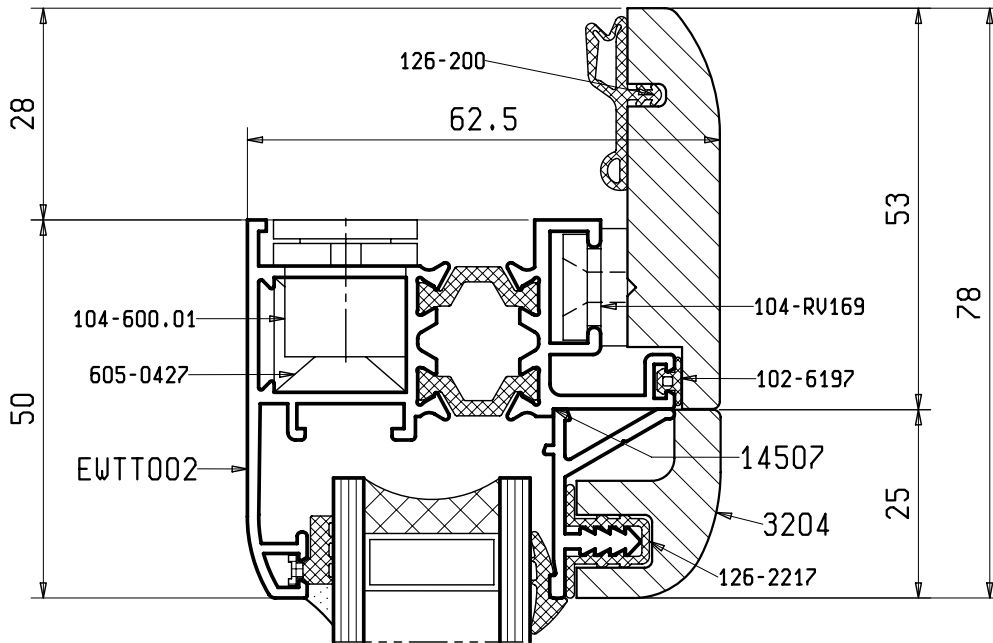
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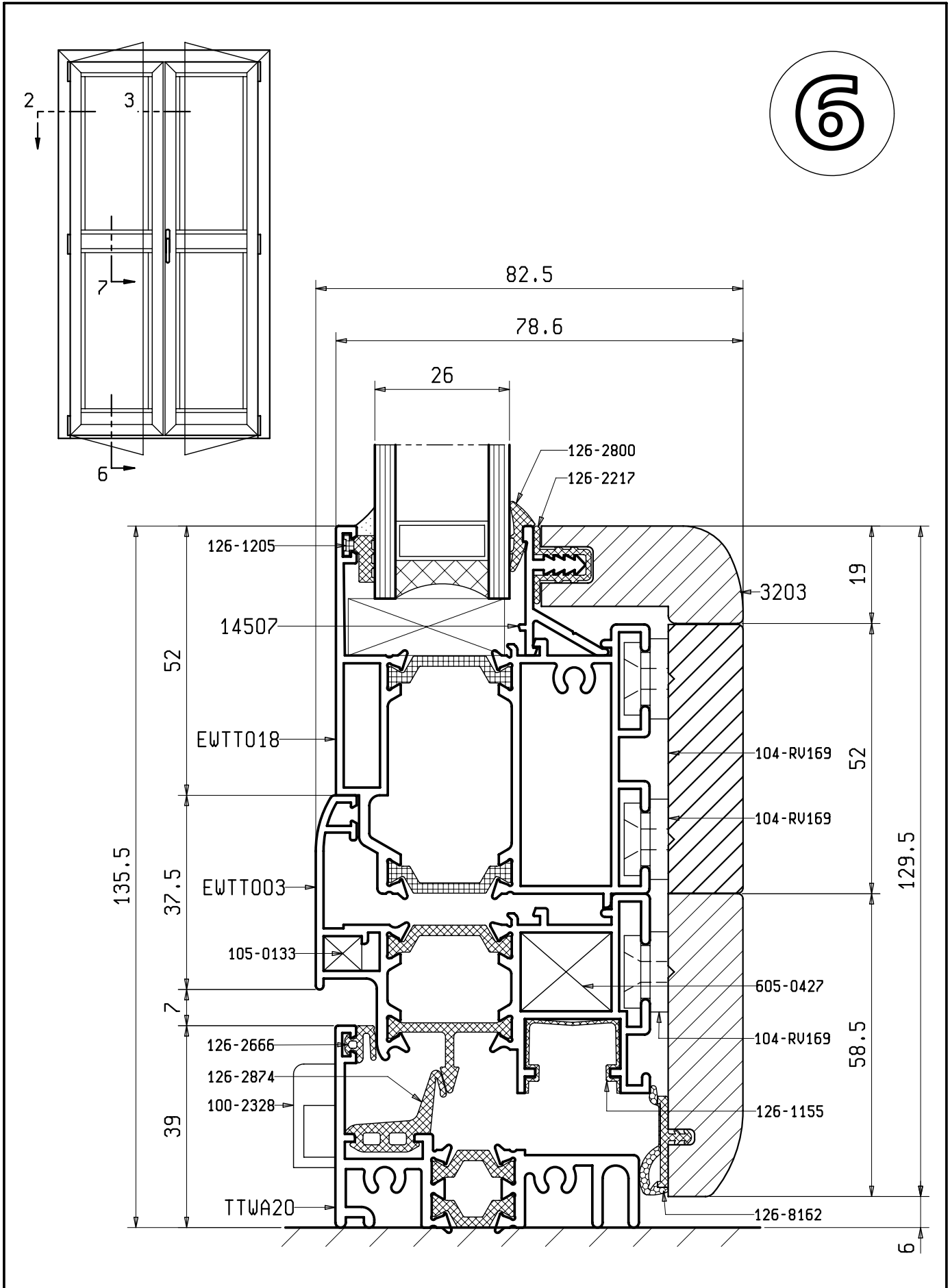
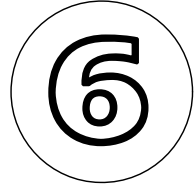
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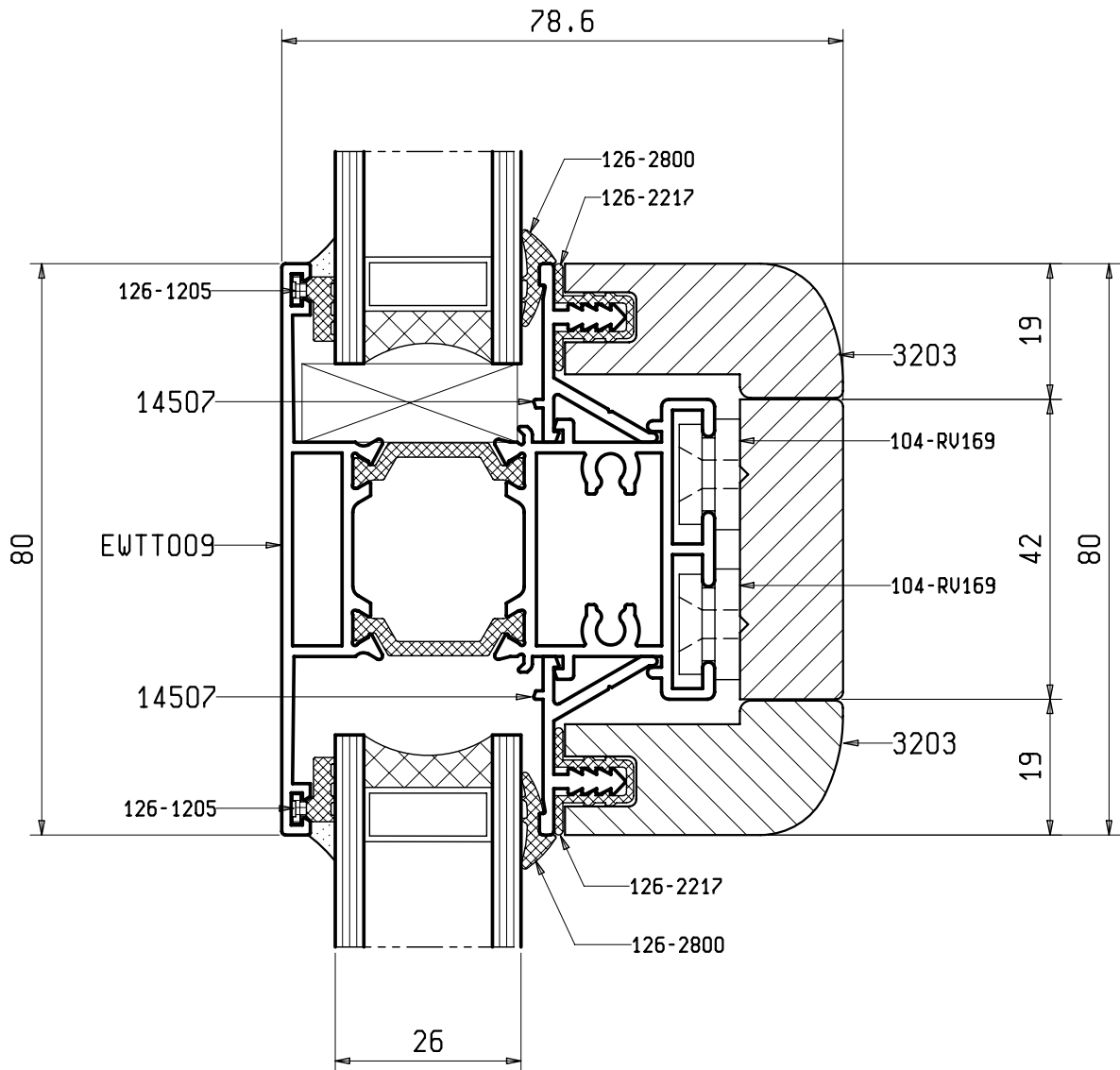
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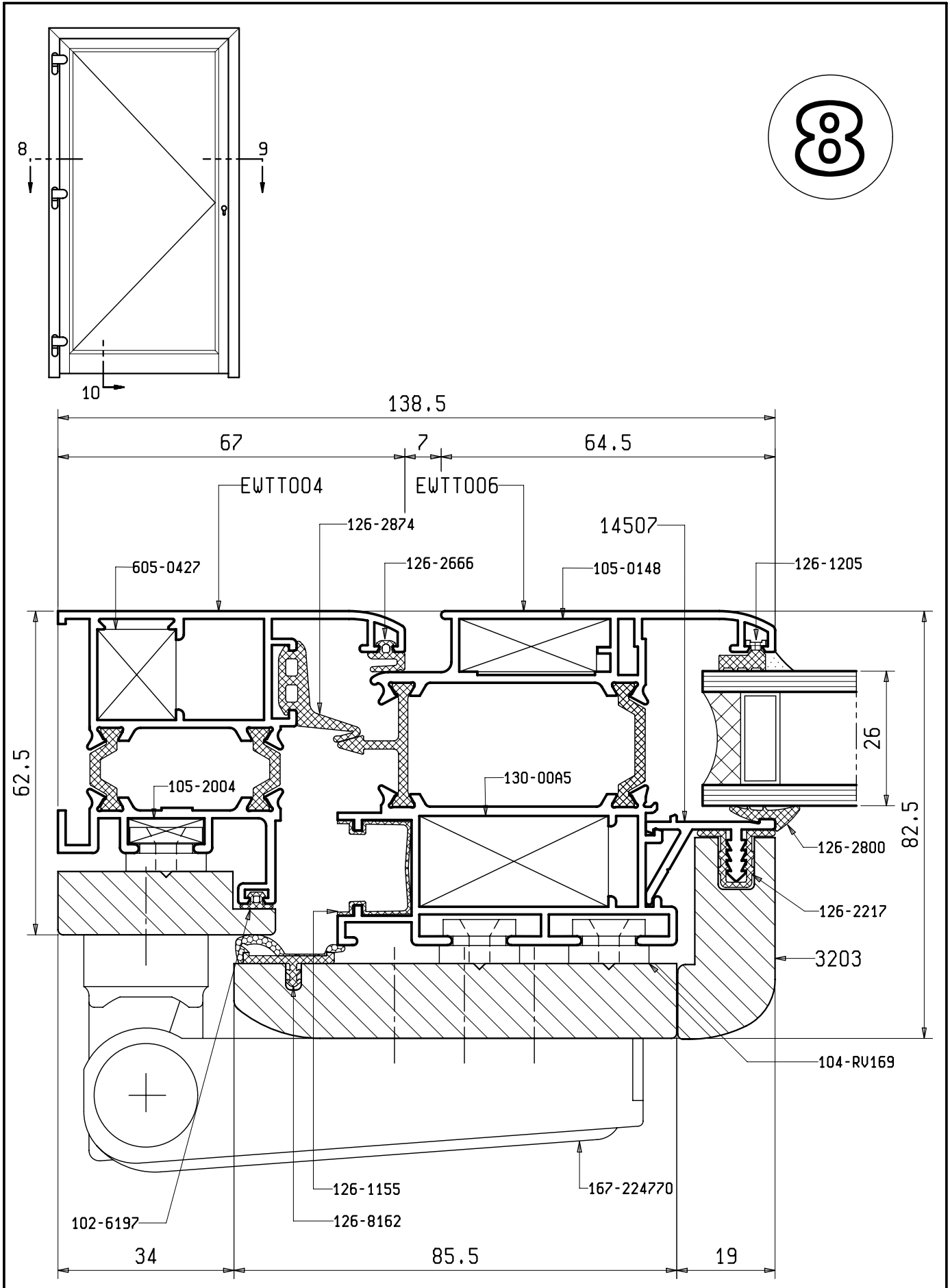
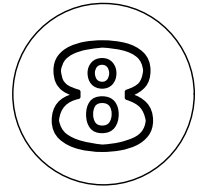


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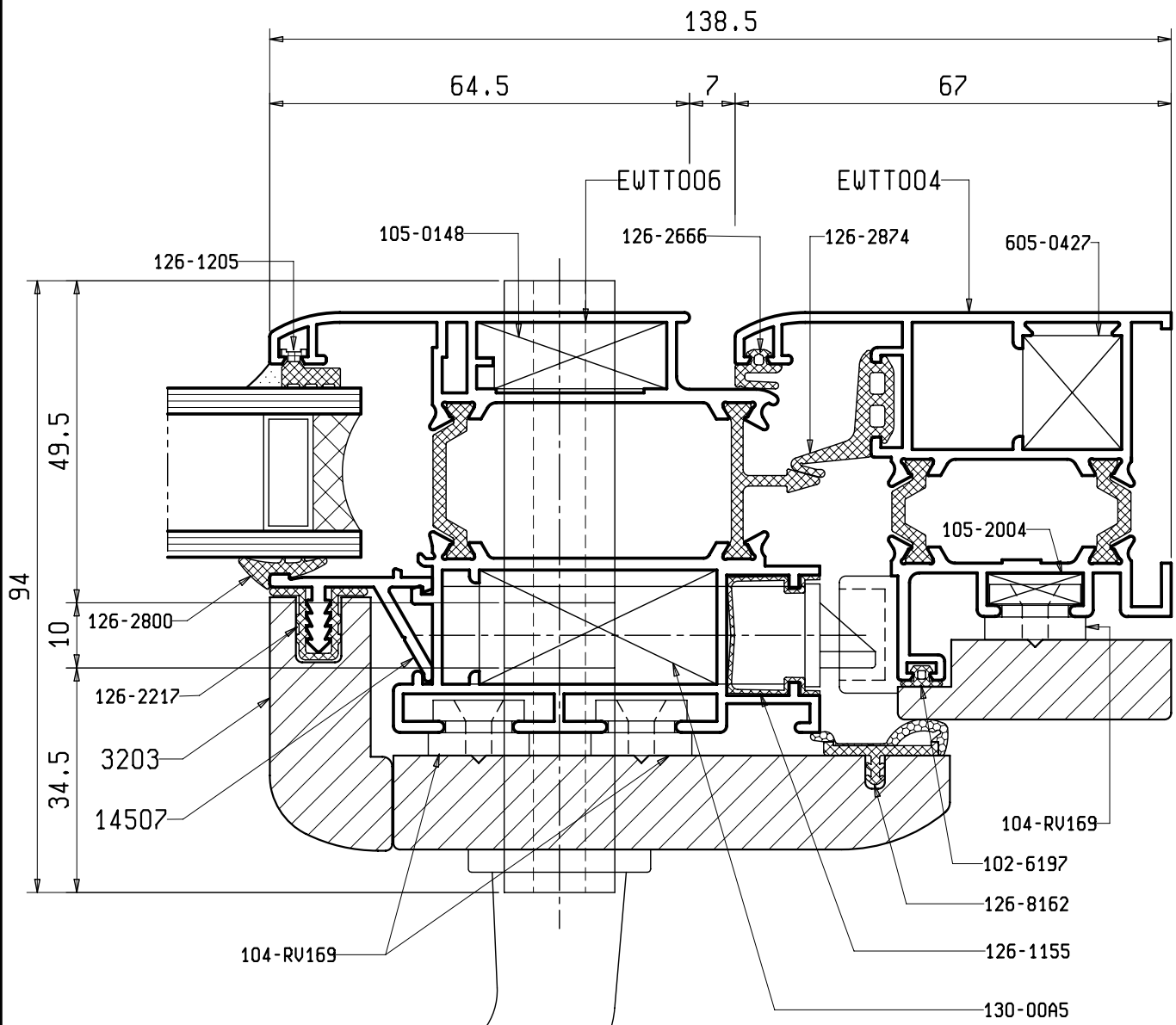




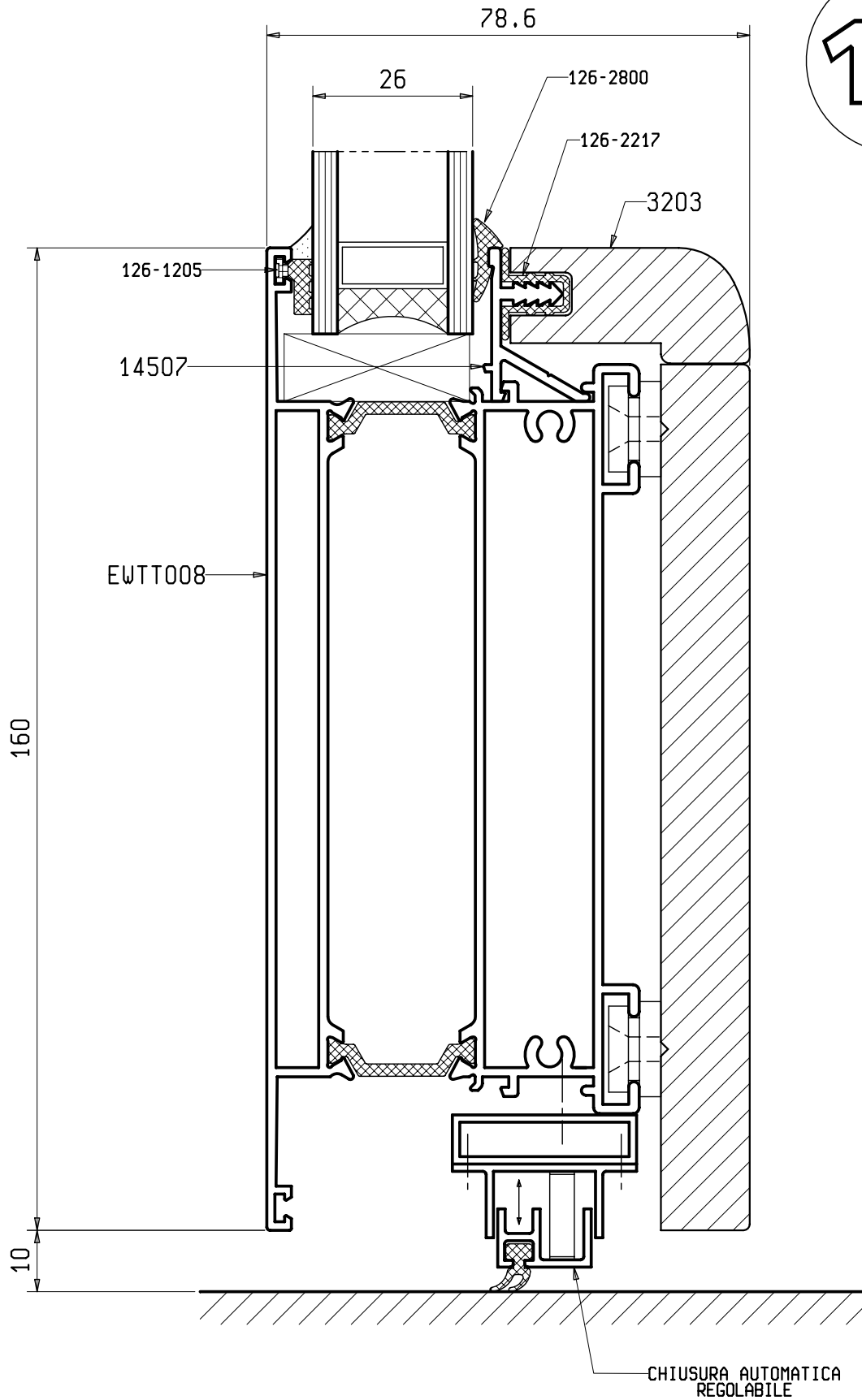


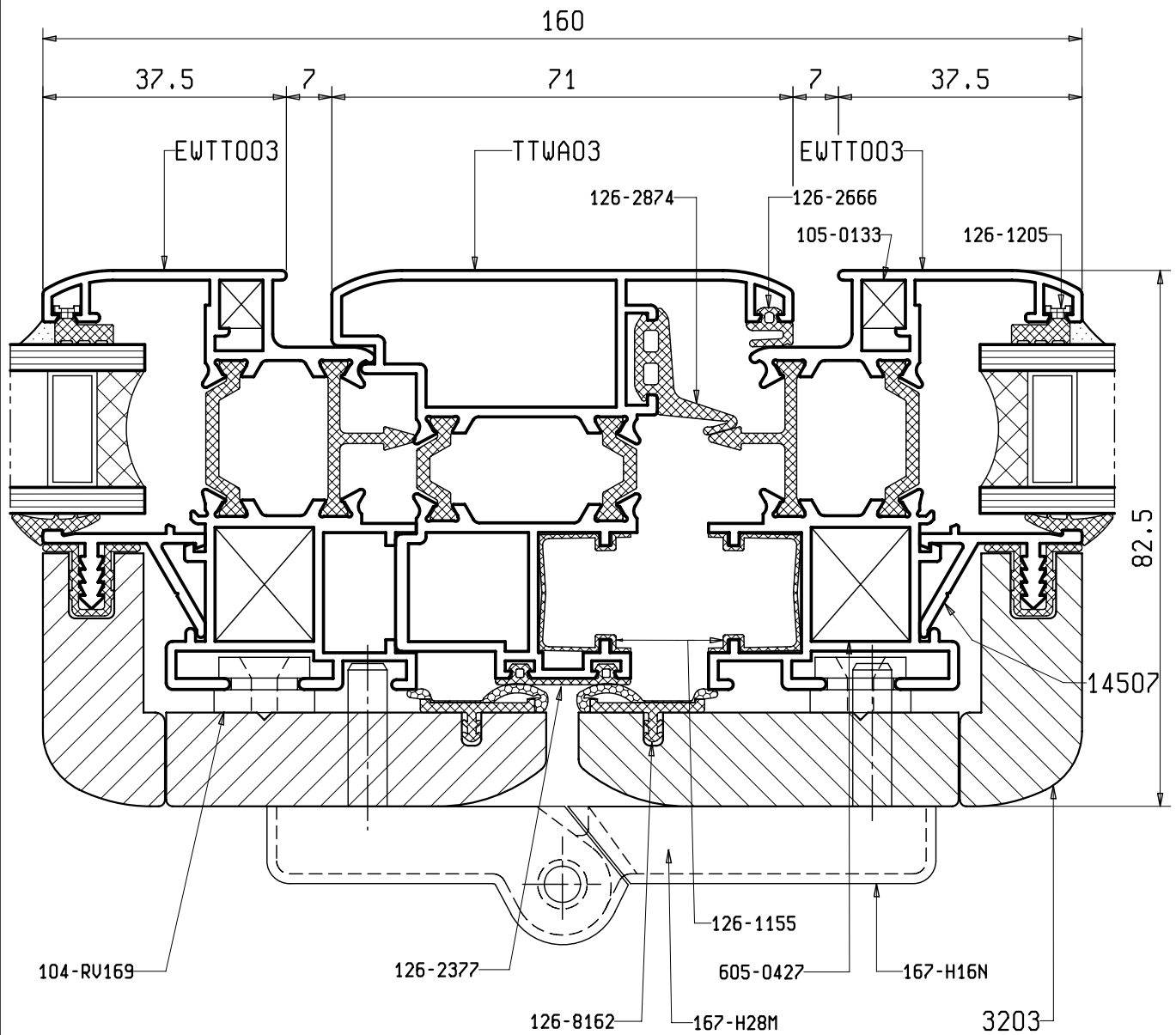
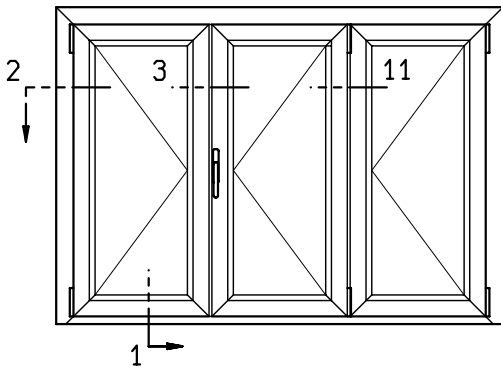
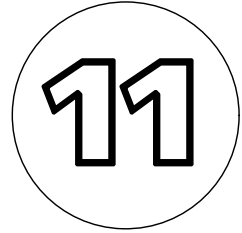


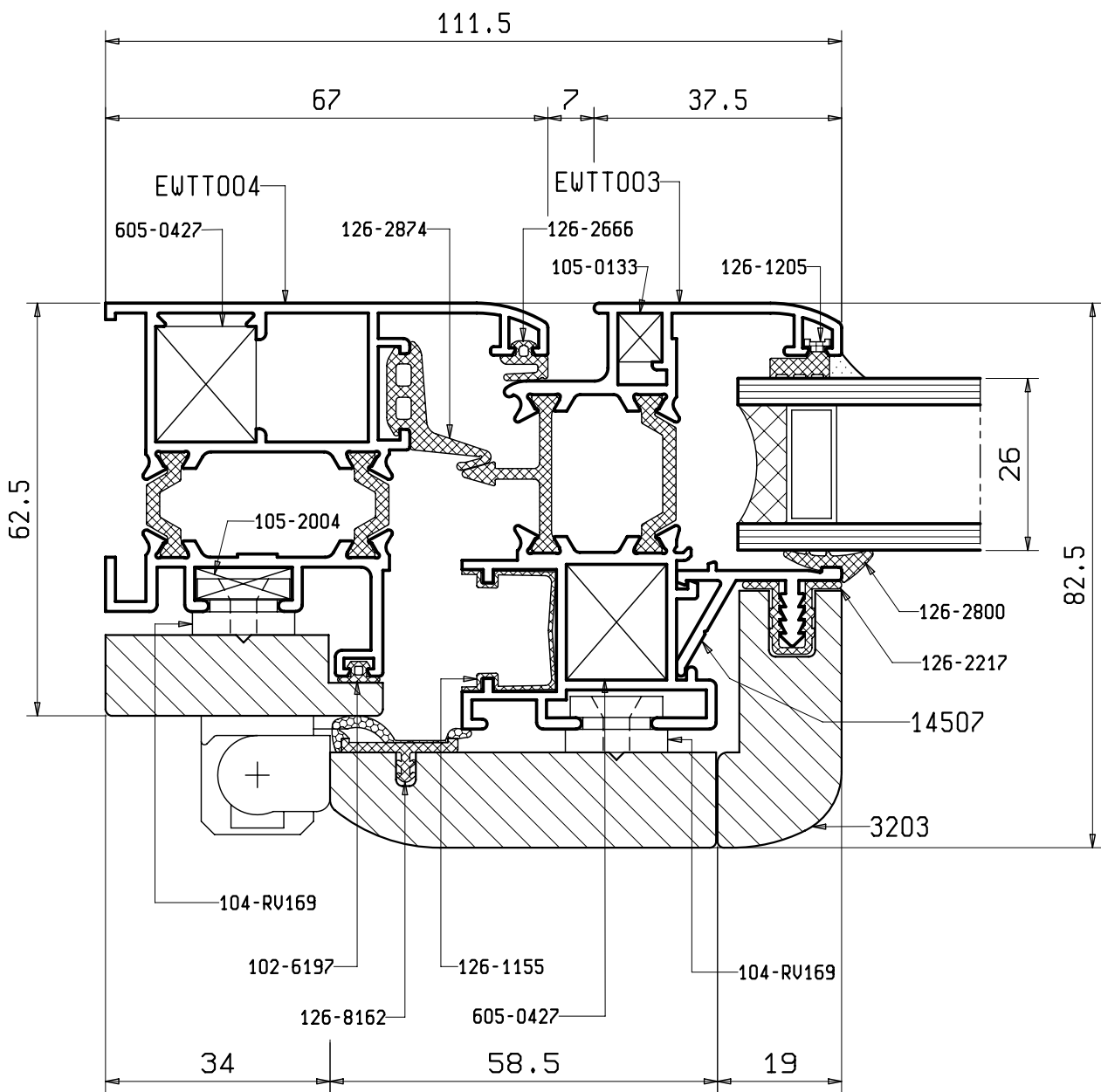
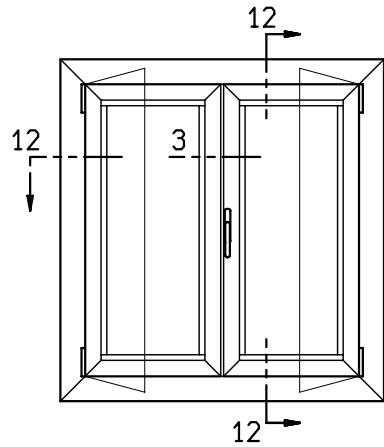
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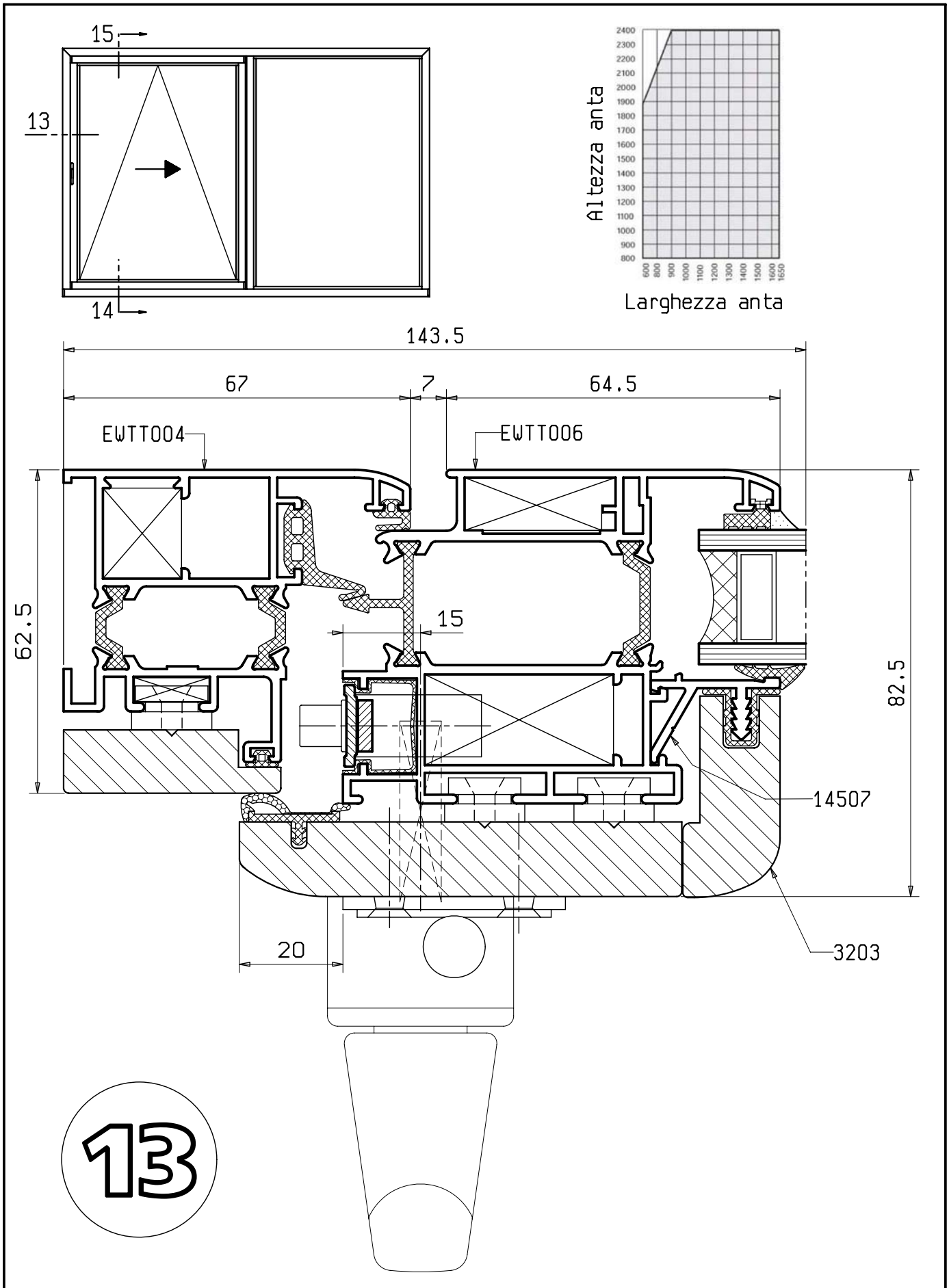


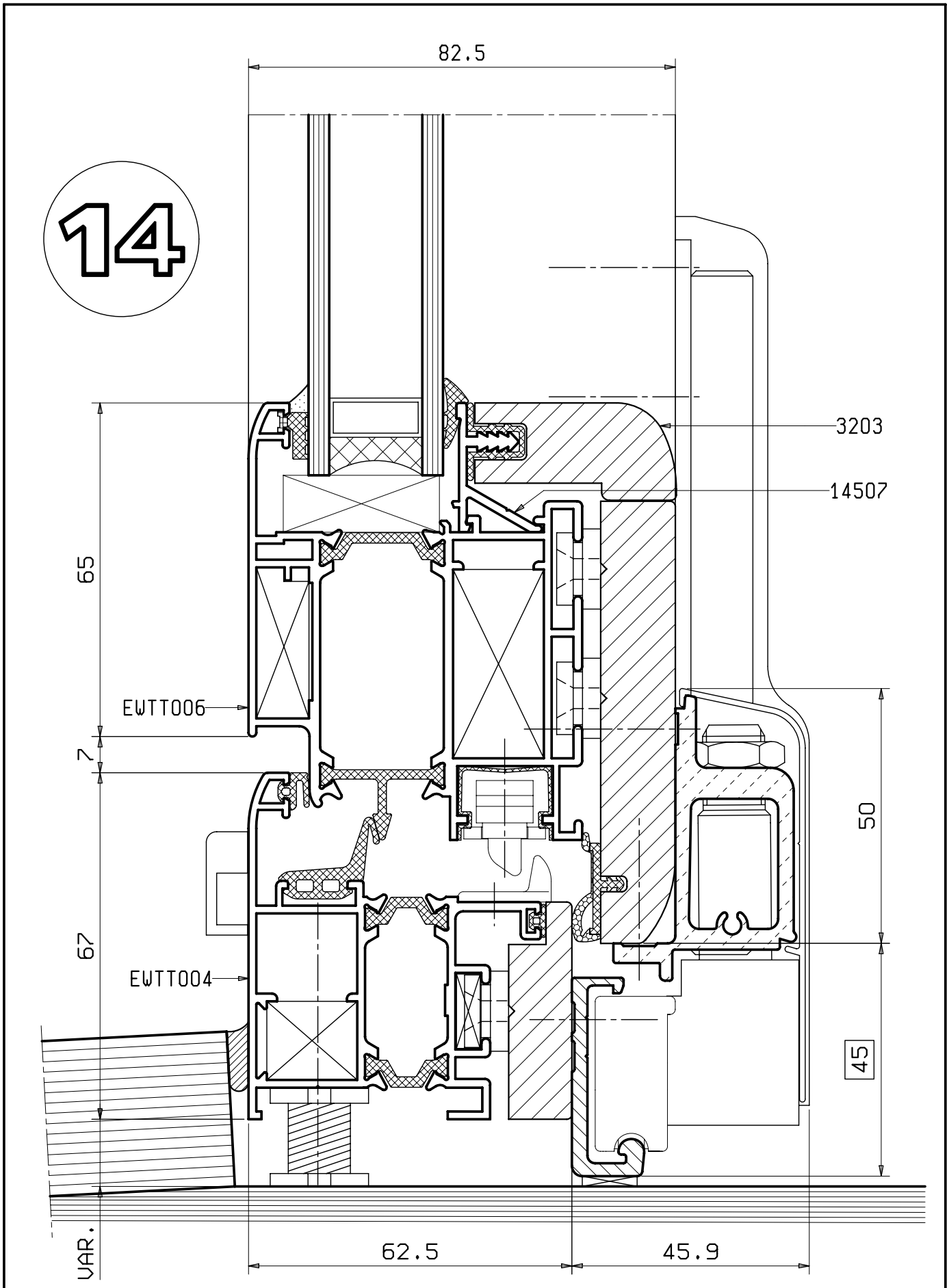
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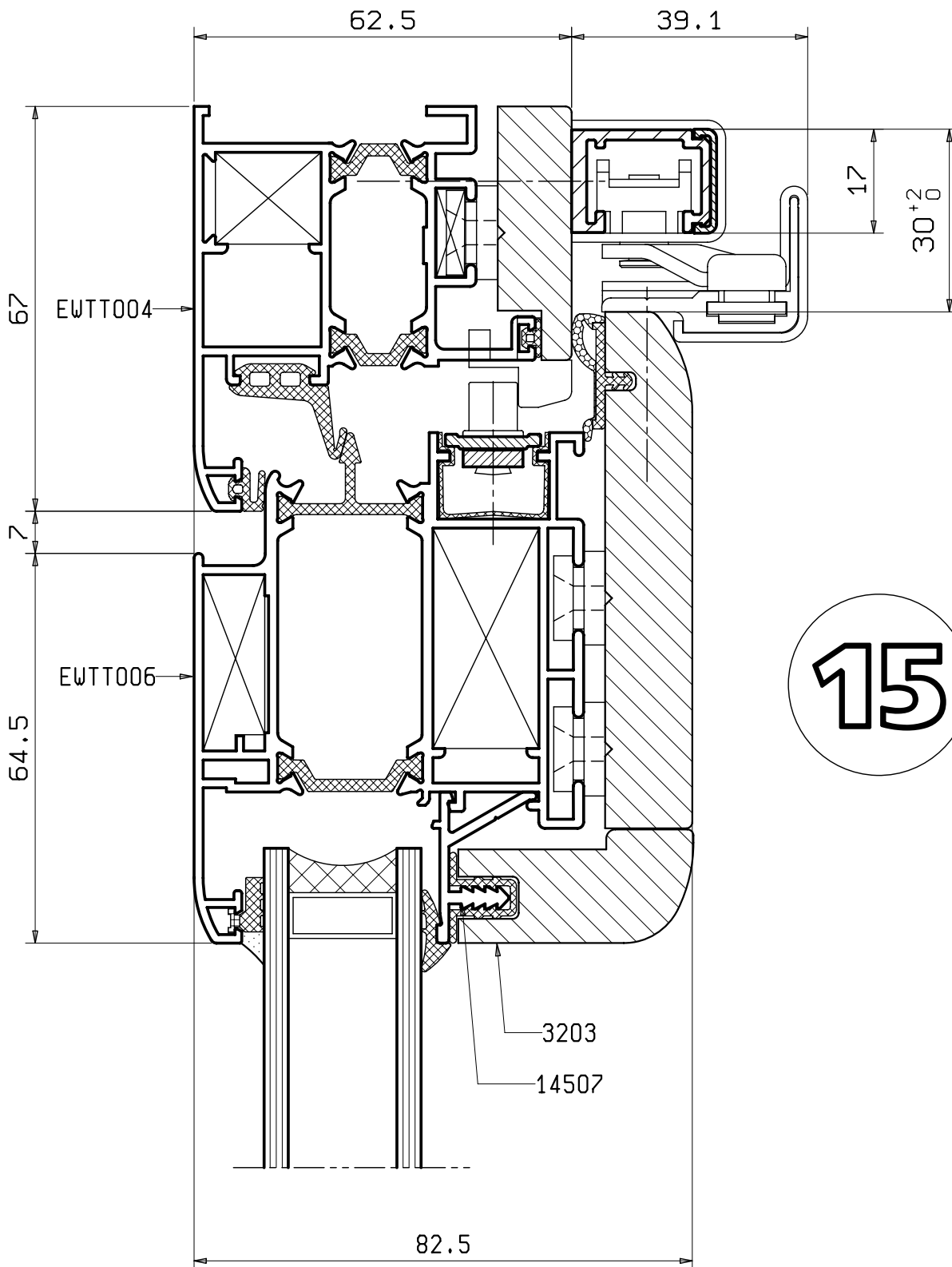




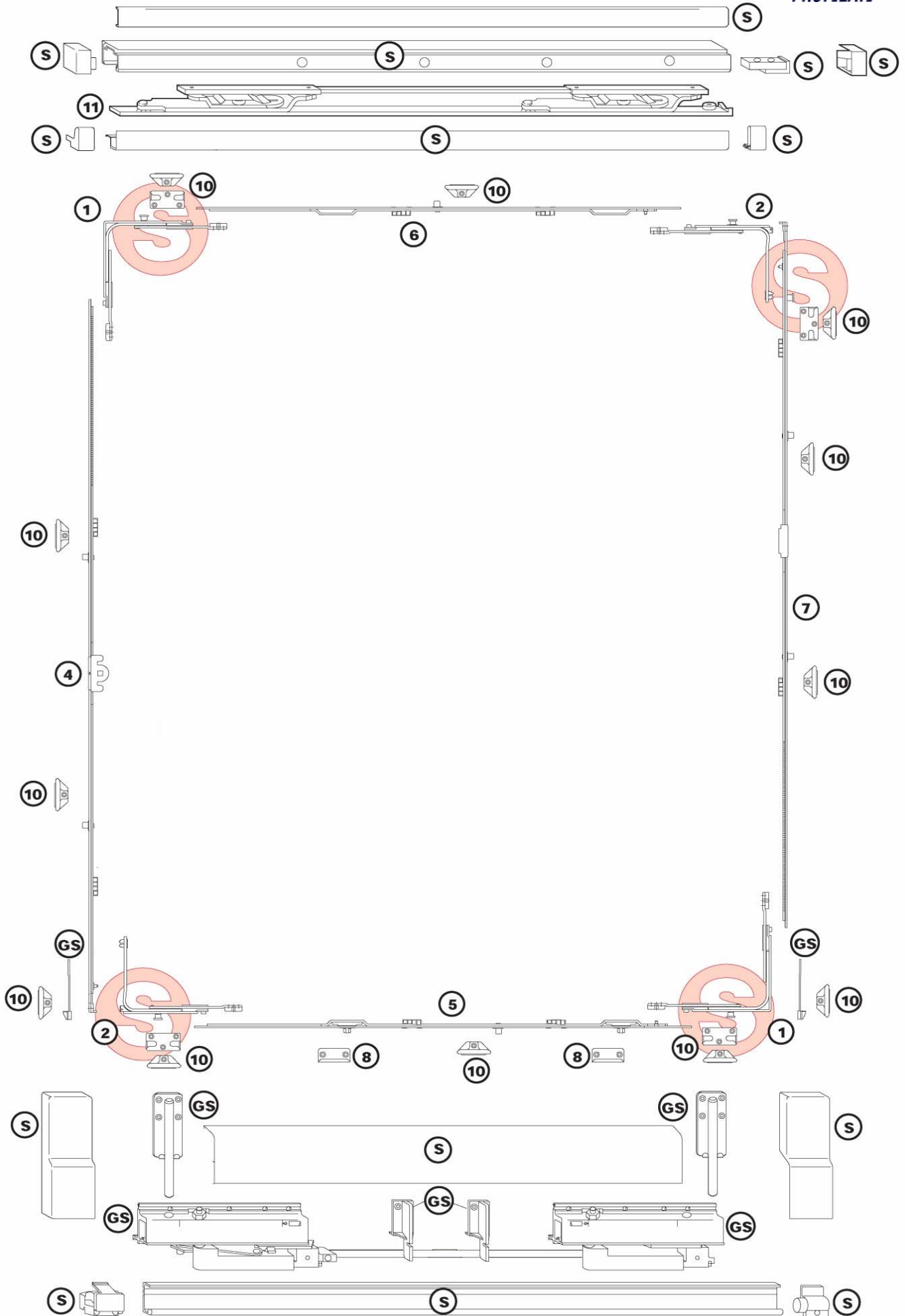






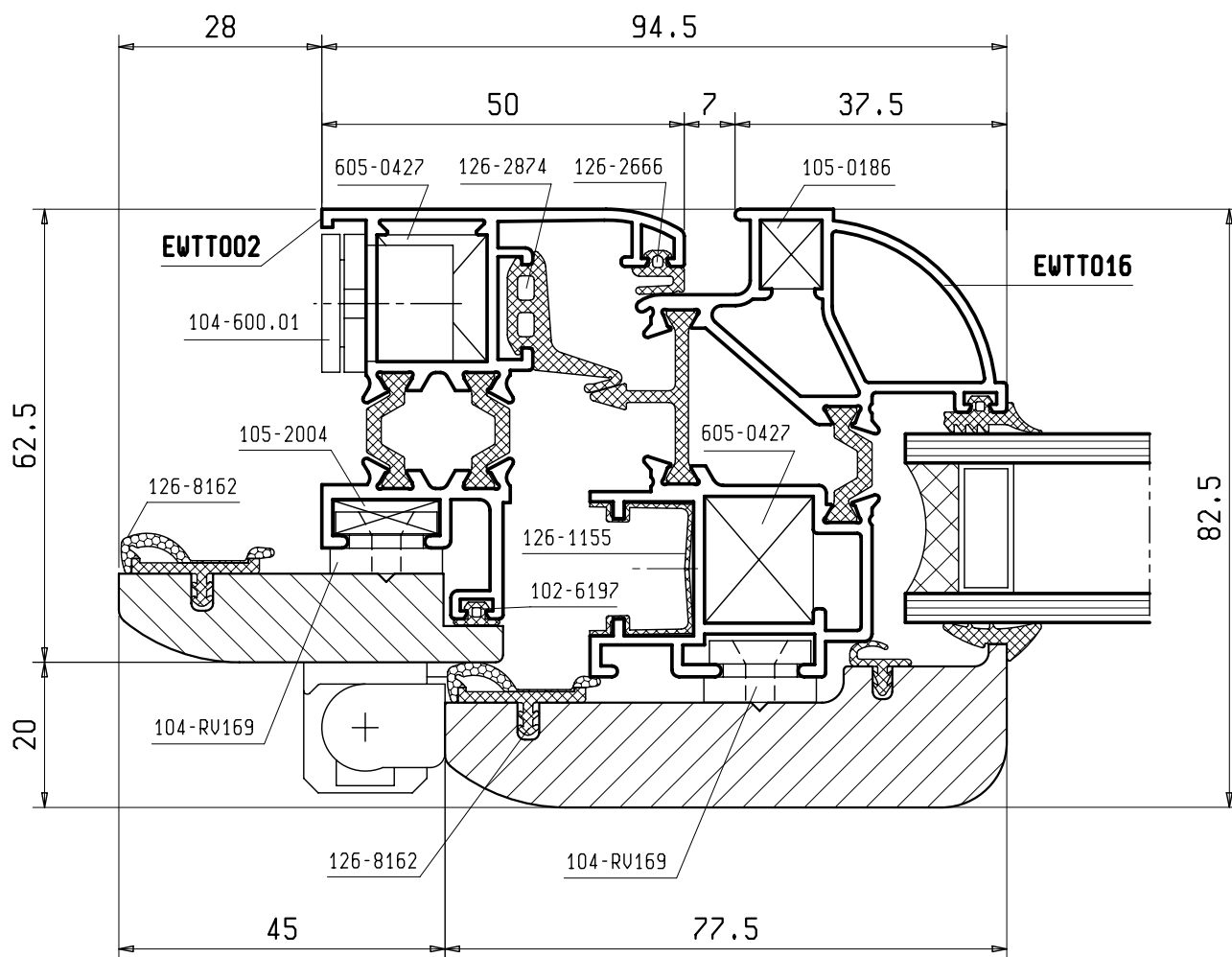
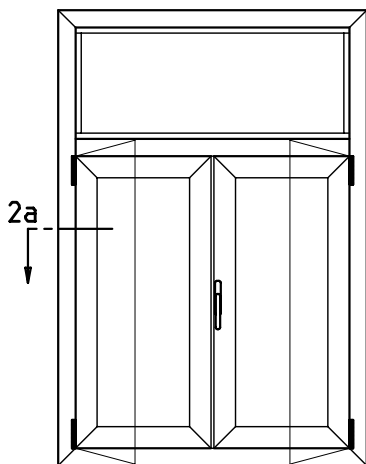


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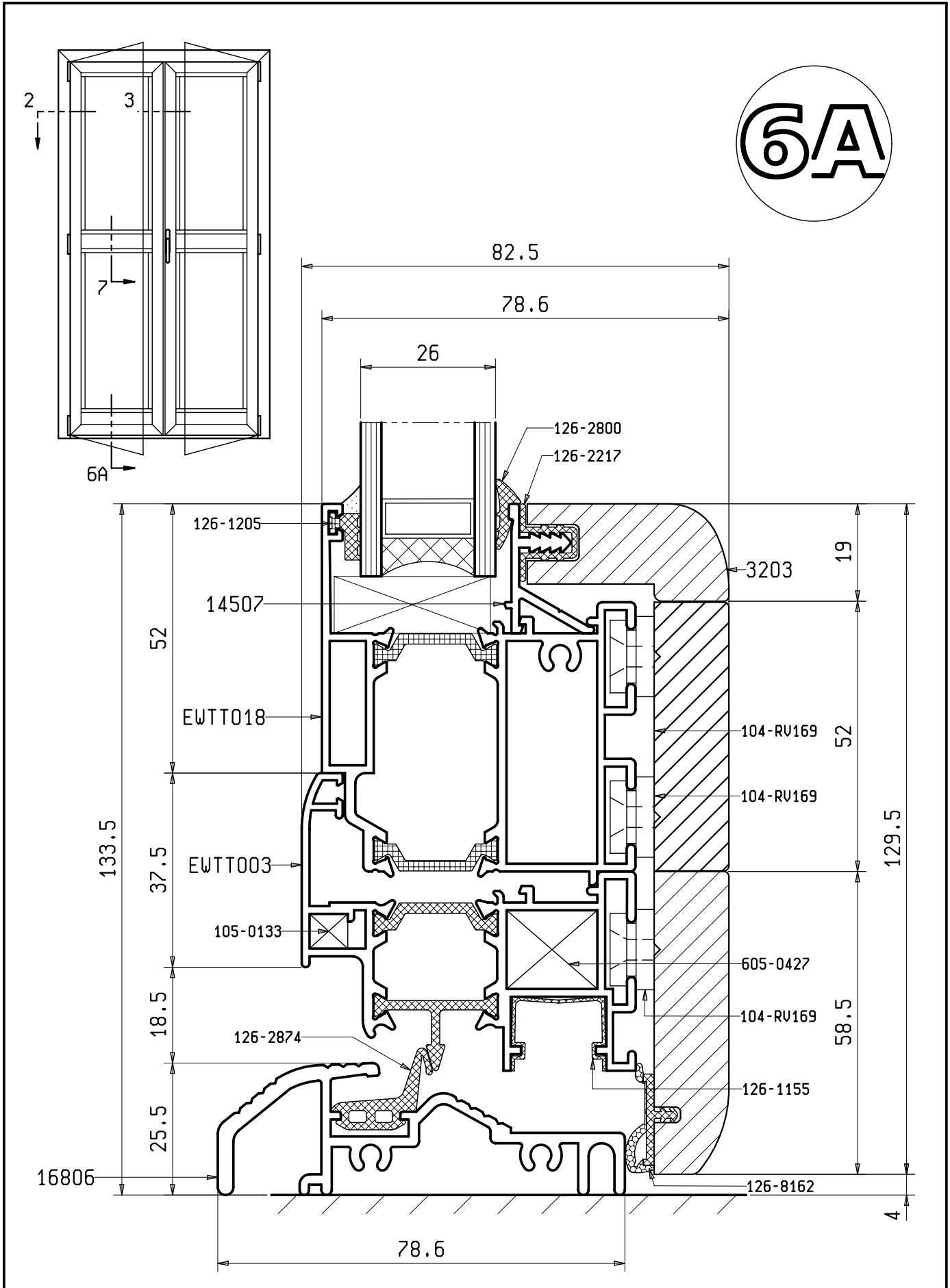


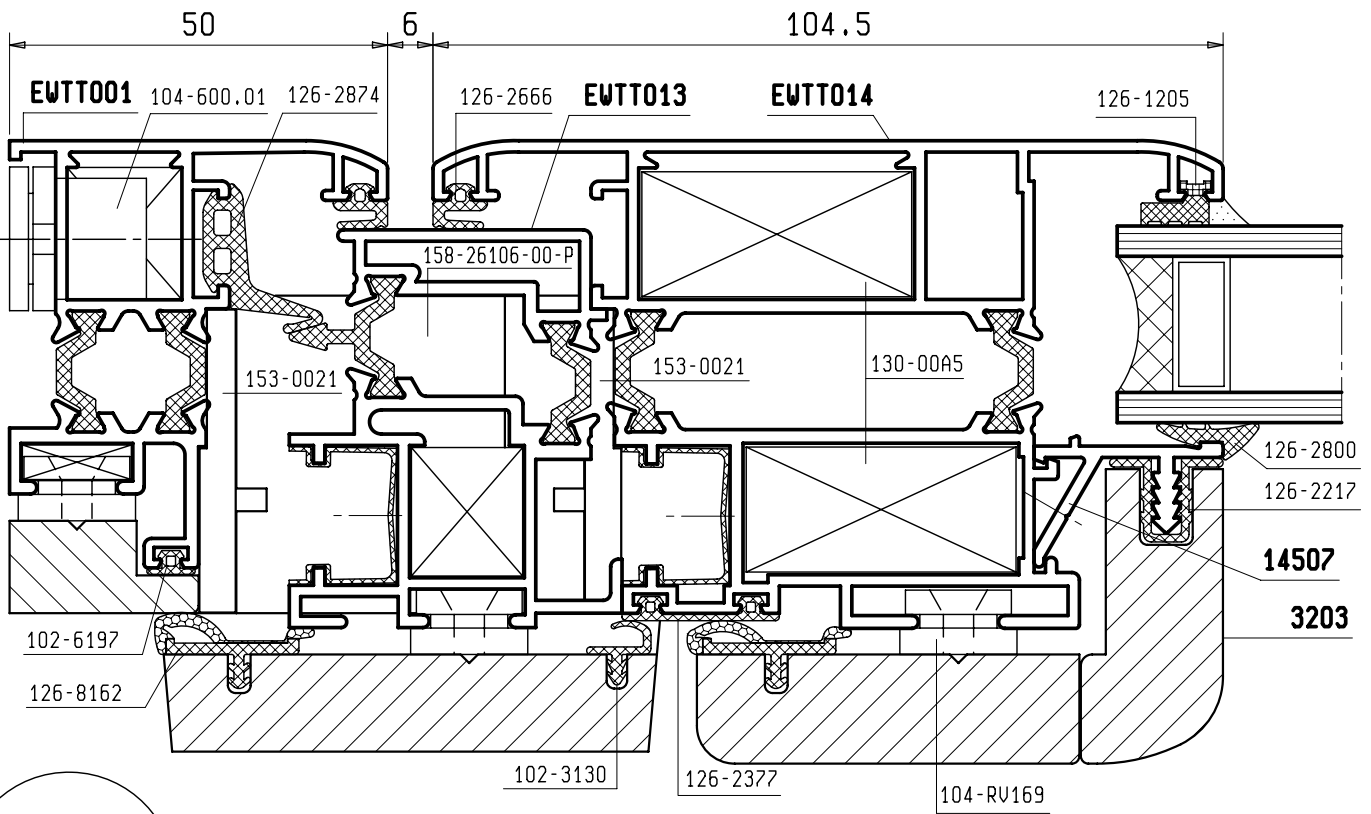
<b>DESCRIZIONE</b>			<b>CODICE ARTICOLO</b>
GS = KIT CONFEZIONE BASE SX			167-281226
GS = KIT CONFEZIONE BASE DX			167-281227
	<b>LARGHEZZA ANTA</b>	<b>DIMENSIONE TELAIO</b>	
S = SET PROFILI COLOR MARRONE	600-900 mm.	1930 mm.	167-216584
	901-1050 mm.	2230 mm.	167-216588
	1051-1250 mm.	2630 mm.	167-216592
	1251-1450 mm.	3030 mm.	167-216596
	1451-1650 mm.	3430 mm.	167-216600
S = SET PROFILI COLOR BIANCO	600-900 mm.	1930 mm.	167-216582
	901-1050 mm.	2230 mm.	167-216586
	1051-1250 mm.	2630 mm.	167-216590
	1251-1450 mm.	3030 mm.	167-216594
	1451-1650 mm.	3430 mm.	167-216598
1 = RINVIO D' ANGOLO			167-260272
2 = RINVIO D' ANGOLO			167-260288
	<b>ALTEZZA ANTA</b>	<b>ALTEZZA MANIGLIA</b>	
4 = CREMONESE	801-1000 mm.	413 mm.	167-259836
	1001-1200 mm.	513 mm.	167-259838
	1201-1400 mm.	563 mm.	167-259840
	1401-1600 mm.	563 mm.	167-259842
	1601-1800 mm.	563 mm.	167-259846
	1601-1800 mm.	1000 mm.	167-259847
	1801-2000 mm.	1000 mm.	167-259849
	2001-2200 mm.	1000 mm.	167-259851
	2201-2400 mm.	1000 mm.	167-259854
	<b>LARGHEZZA ANTA</b>		
5 = CHIUSURA INFERIORE SNAPPER	600-800 mm.		167-281232
	801-1000 mm.		167-281235
	1001-1200 mm.		167-281236
	1201-1400 mm.		167-281237
	1401-1650 mm.		167-281238
	<b>LARGHEZZA ANTA</b>		
6 = CHIUSURA SUPERIORE	600-800 mm.		167-281239
	801-1000 mm.		167-281240
	1001-1200 mm.		167-281241
	1201-1400 mm.		167-281242
	1401-1650 mm.		167-281243
	<b>ALTEZZA ANTA</b>		
7 = CHIUSURA LATERALE	800-1000 mm.		167-281244
	1001-1200 mm.		167-281245
	1201-1400 mm.		167-281246
	1401-1600 mm.		167-281247
	1601-1800 mm.		167-281248
	1801-2000 mm.		167-281249
	2001-2200 mm.		167-281250
	2201-2400 mm.		167-281251
8 = INCONTRO SNAPPER			167-250277
10 = INCONTRO NOTTOLINO			167-260360
	<b>LARGHEZZA ANTA</b>		
11 = ARTICOLAZIONE SUPERIORE	600-900 mm.		167-281228
	901-1200 mm.		167-281230
	1201-1650 mm.		167-281231

<b>LIMITI DIMENSIONALI</b>	
Larghezza anta minima - massima --> 600 - 1650 mm.	Altezza anta minima - massima --> 801 - 2400 mm.
Peso massimo anta 150 Kg	

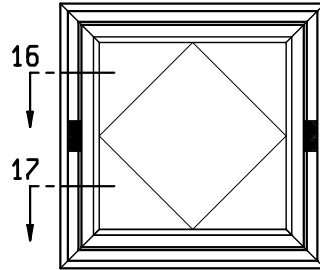


**6A**

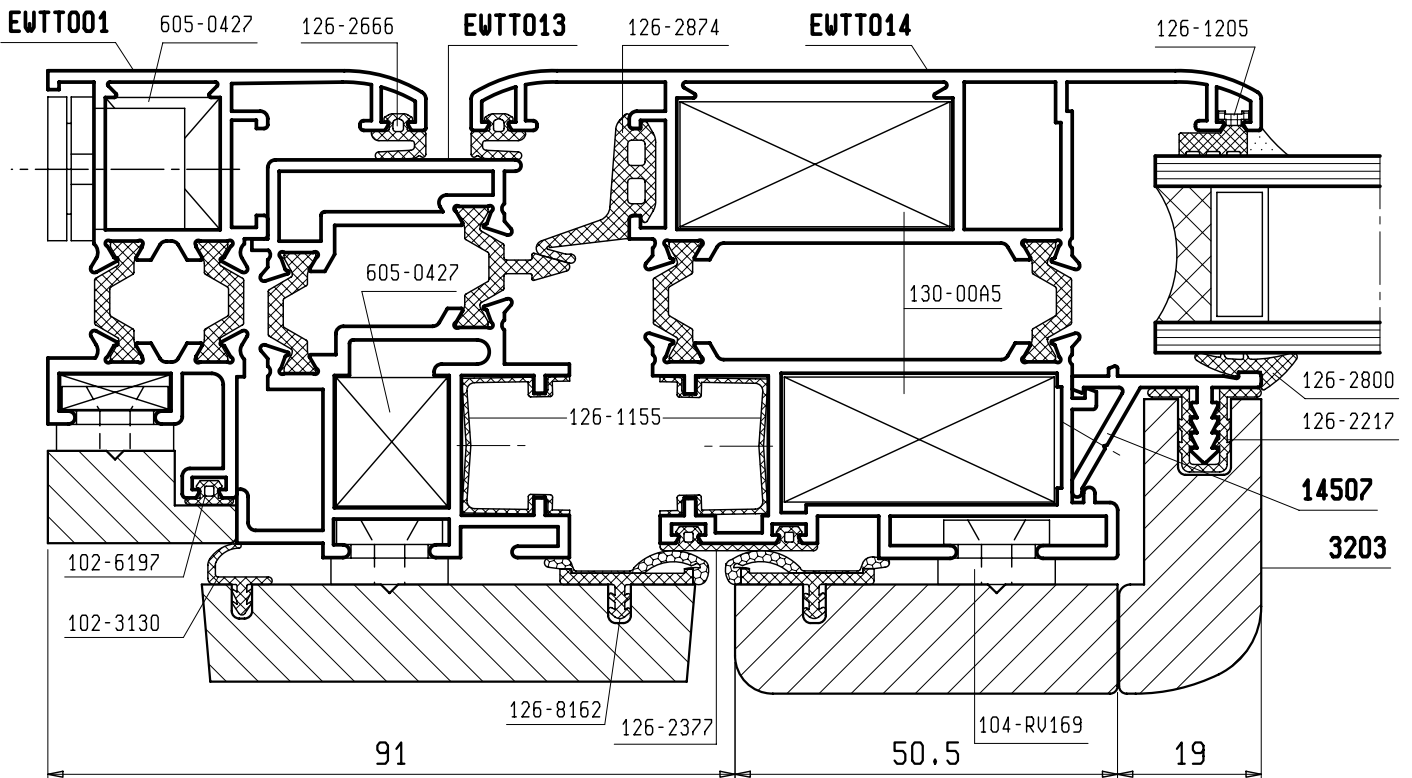




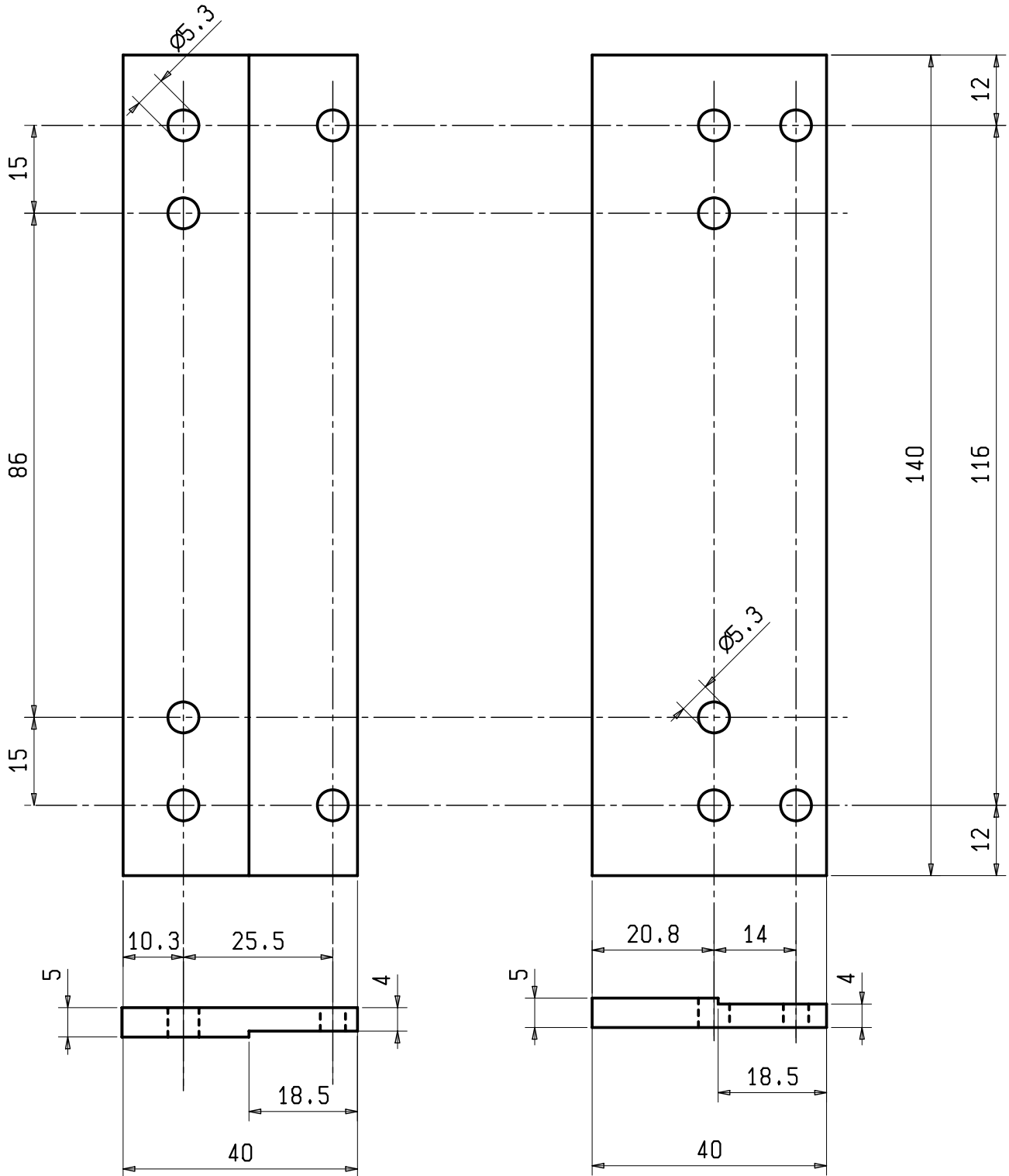
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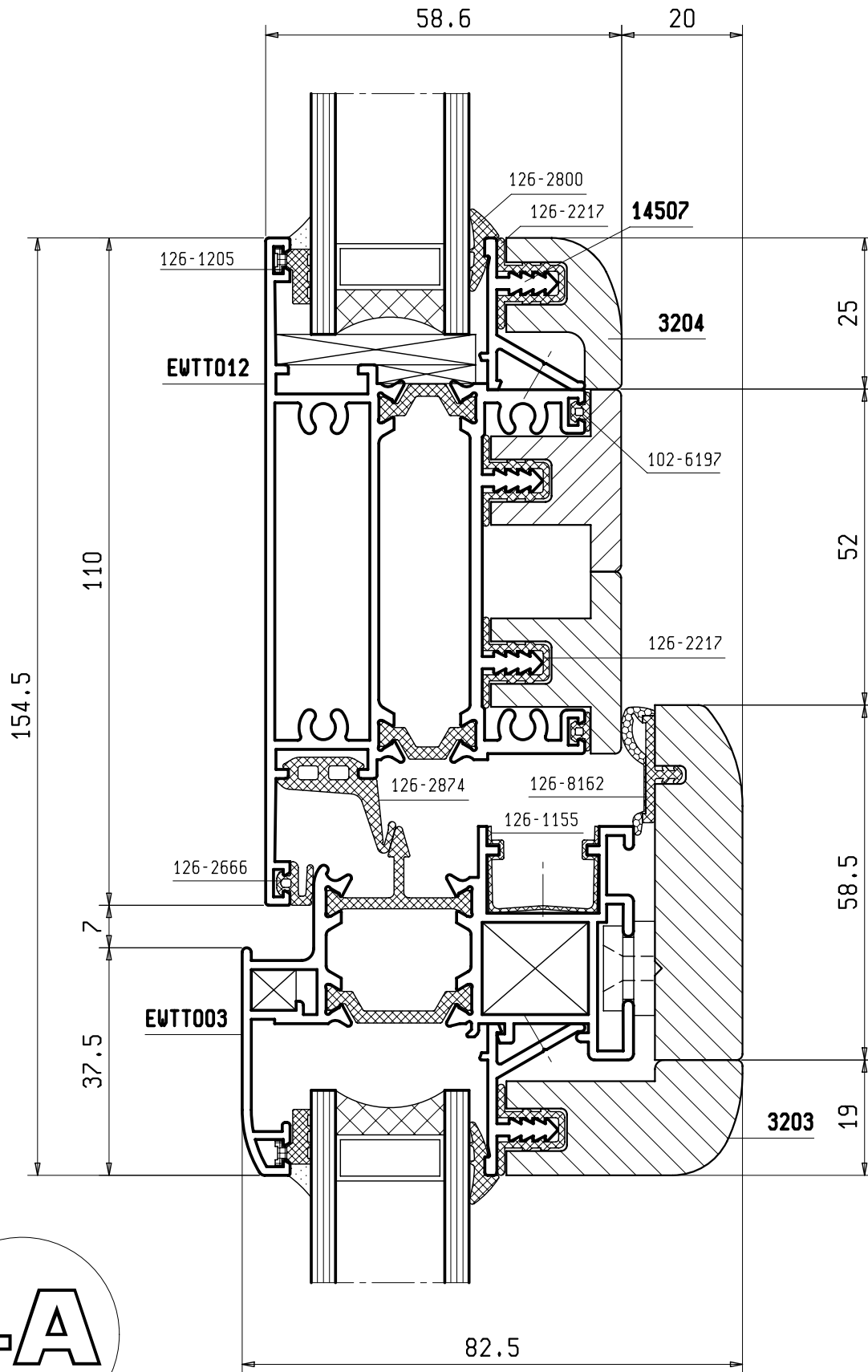


17



**153-0021**

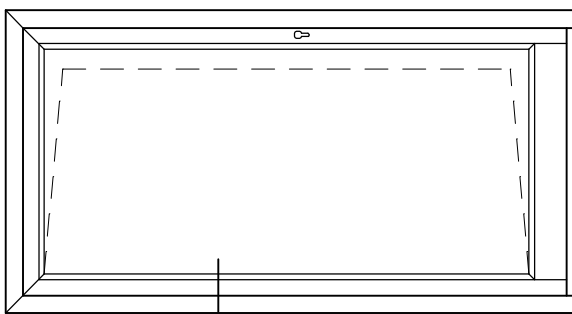
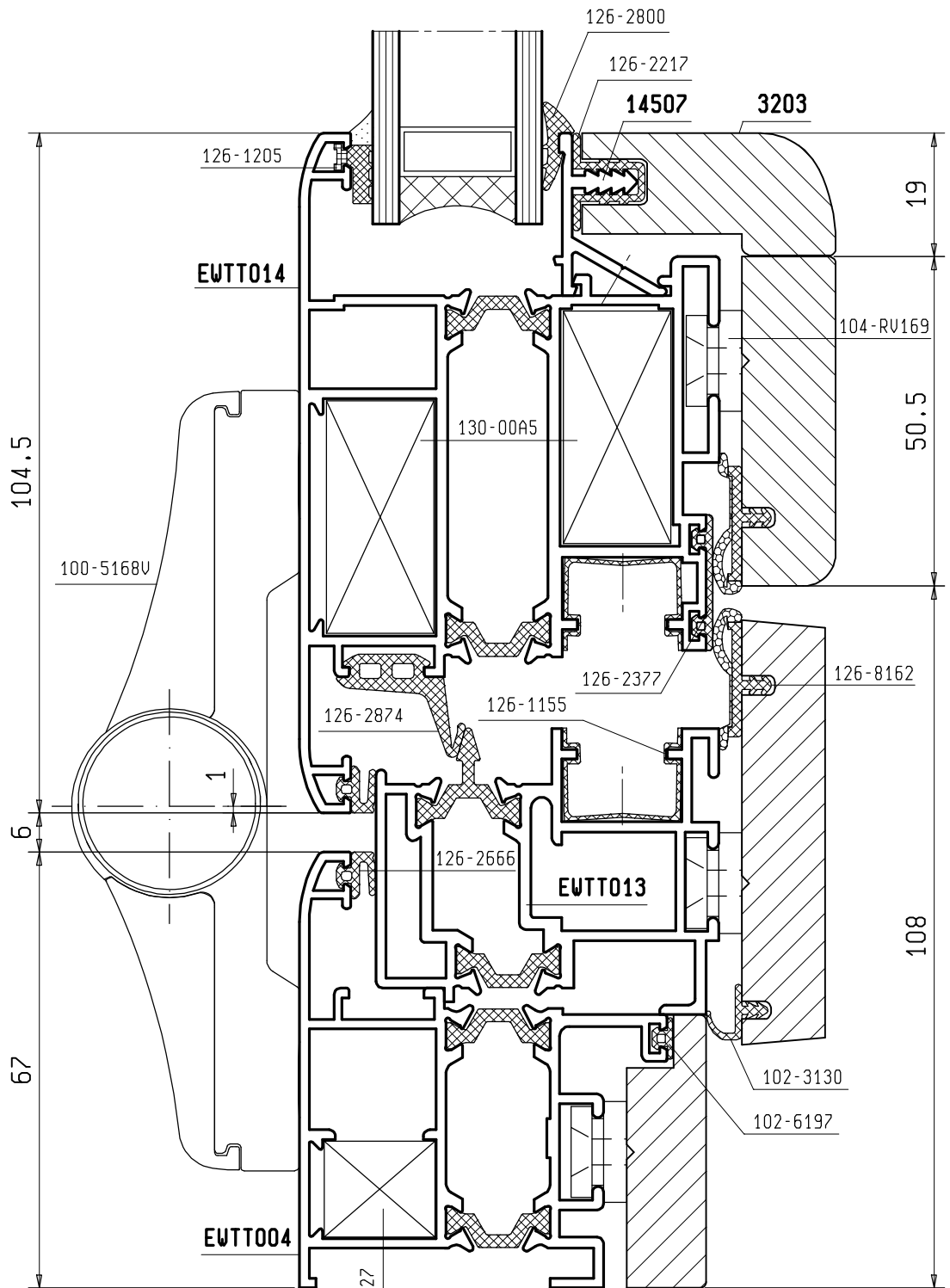




**4A**

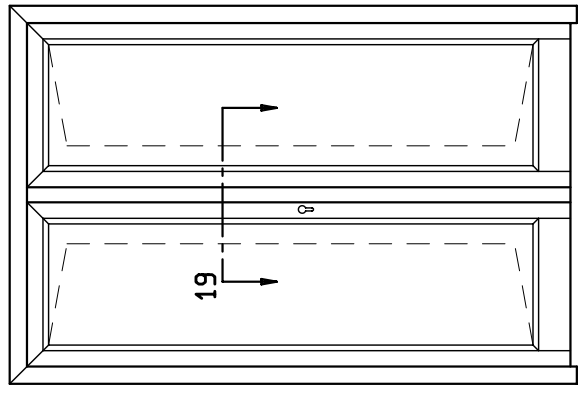
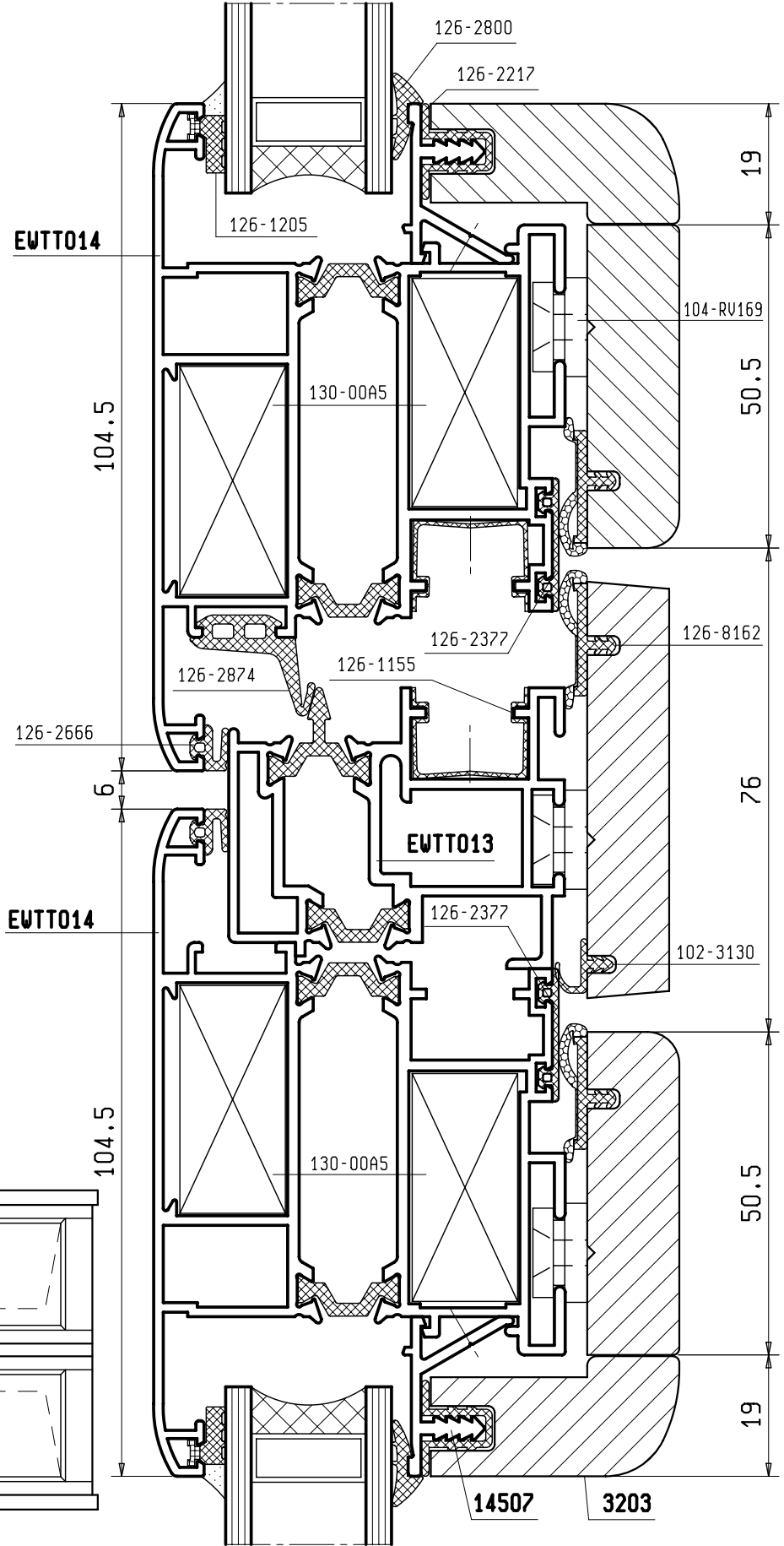


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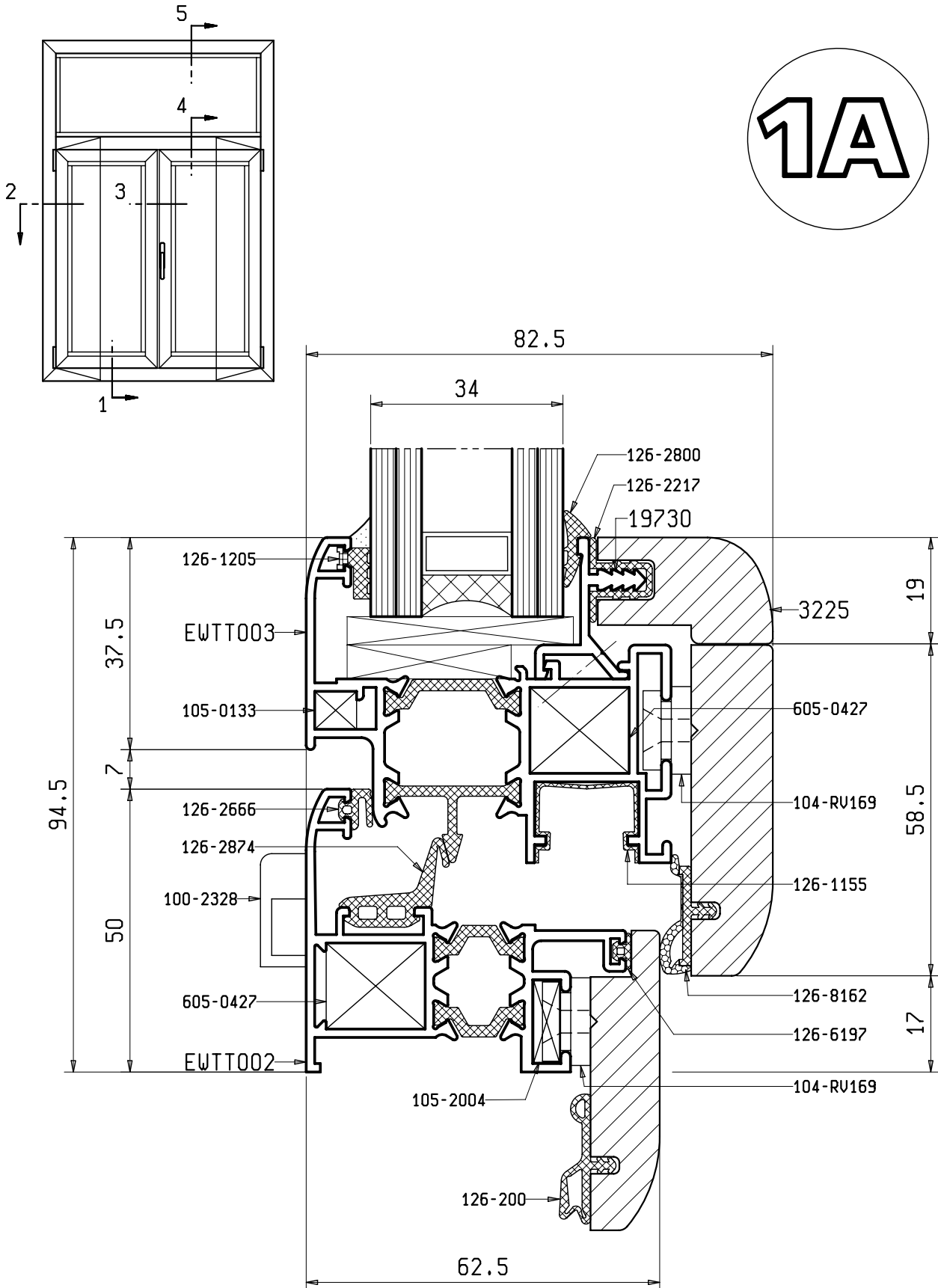


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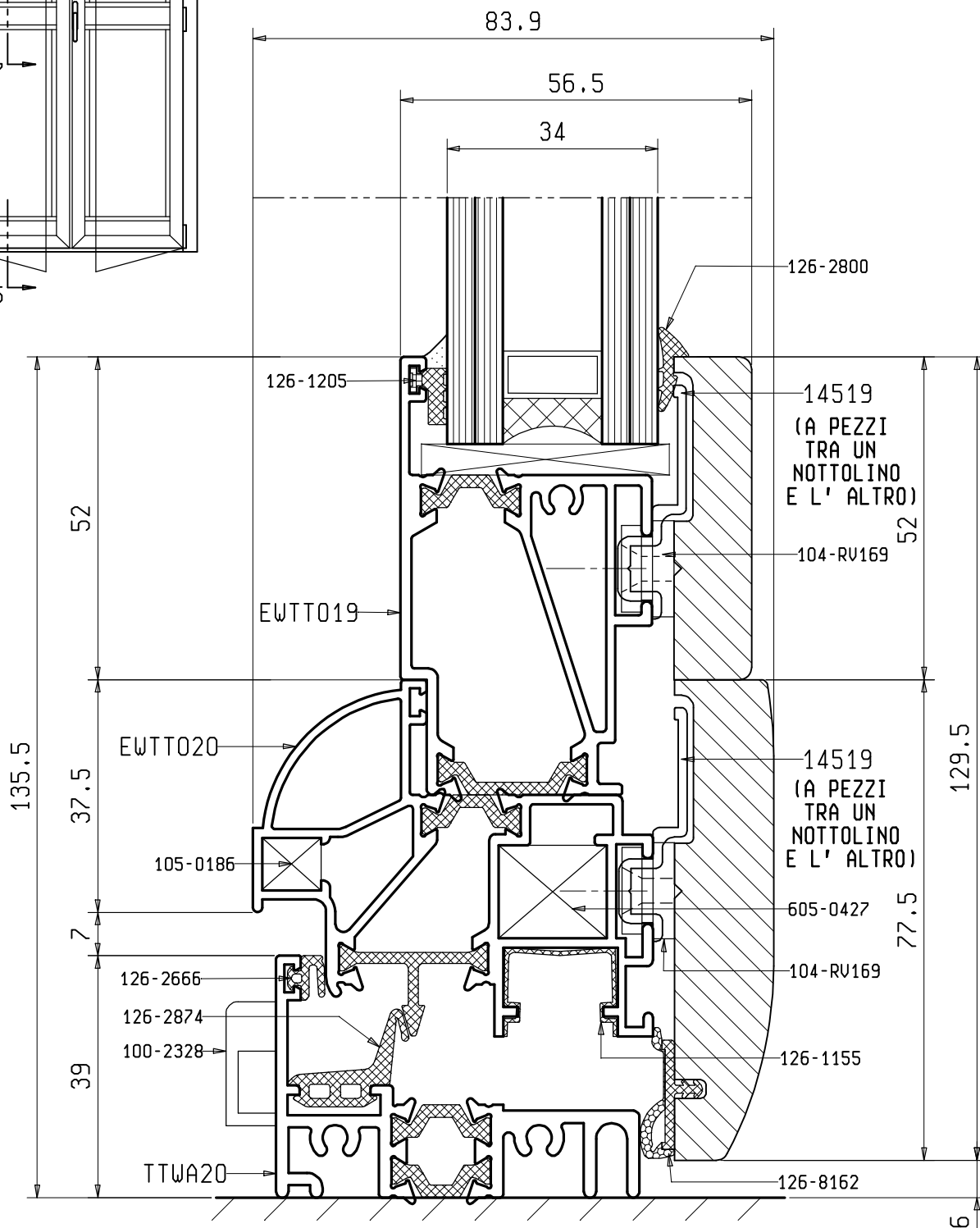
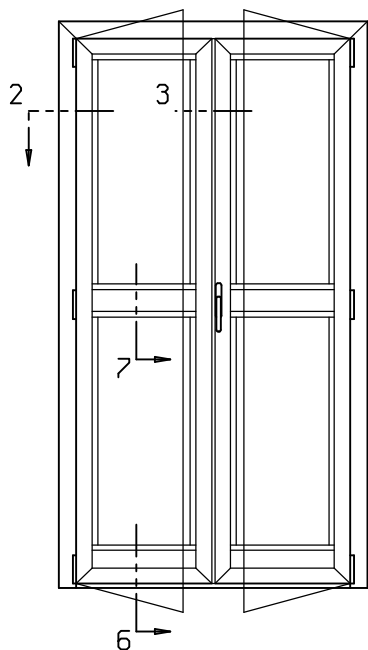
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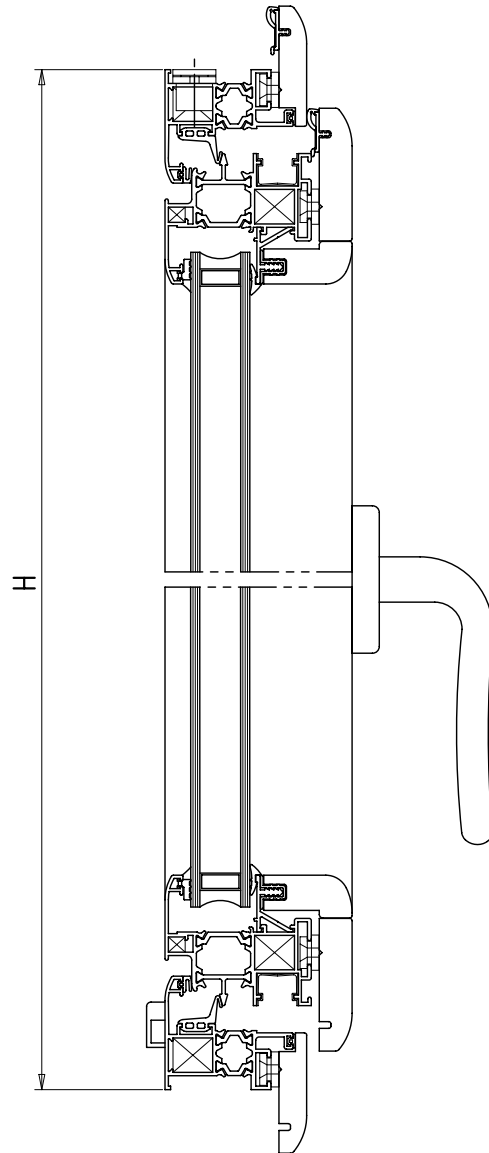
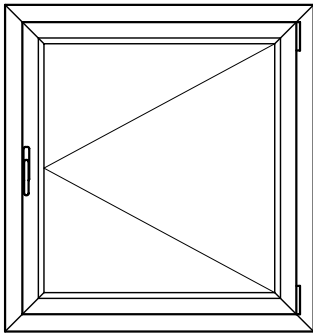


**1A**



**6B**





Note :

Notes :

Spessore vetro considerato mm 26

For glass with 26 mm thickness

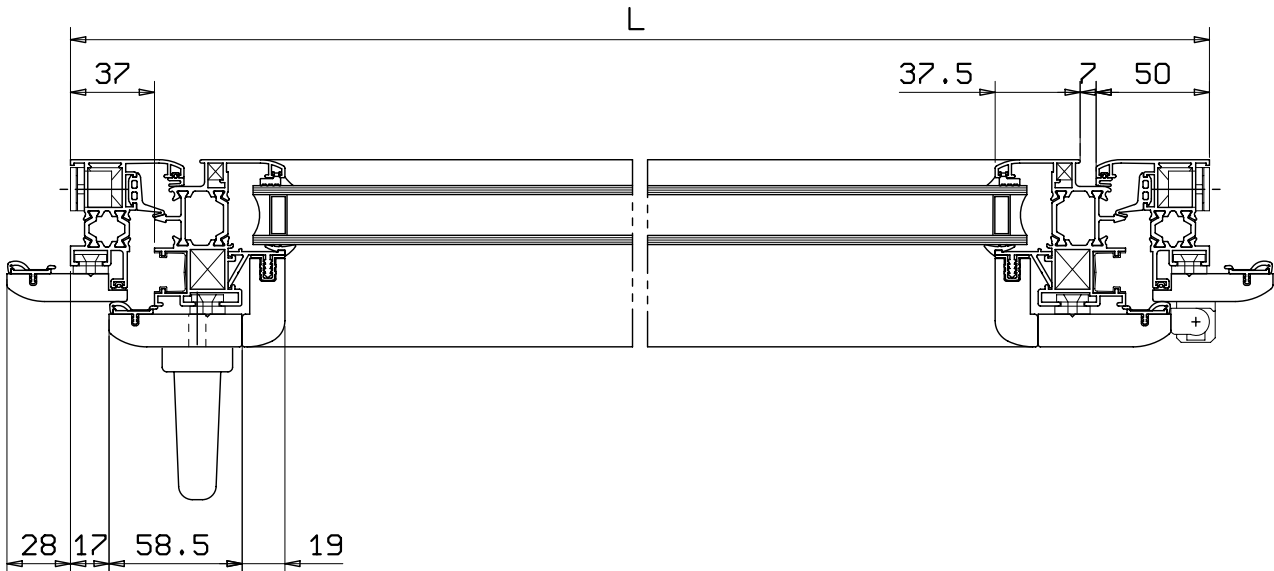
Gioco perimetrale tra profilo  
e vetro mm 5 minimo

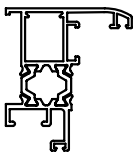

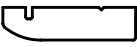
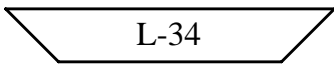
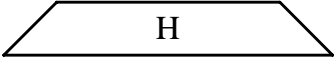
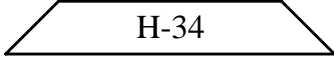
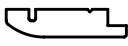
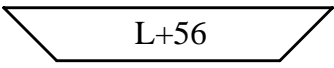

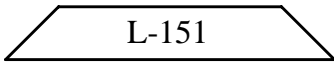
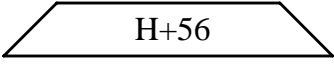
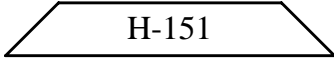
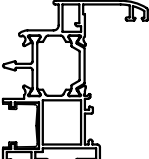
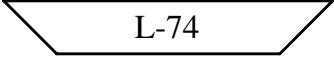

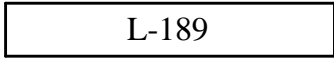
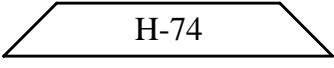
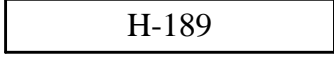
Space between glass and profile 5 mm minimum

Vetro N° 1 pezzo

Glass N° 1 piece

(L-161) (H-161)



Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTWA01	2	 L	 3202	2	 L-34
	2	 H		2	 H-34
 3201	2	 L+56	 3203	2	 L-151
	2	 H+56		2	 H-151
 TTWA05 + 126-1155	2	 L-74	 14507	2	 L-189
	2	 H-74		2	 H-189

**Accessori**

Accessories

Art. Item	Descrizione Description	N°.pezzi Pcs
210-1833	Drenaggio acqua Water drainage	2
104-RW169	Nottolini per assemblaggio legno Connection clips for aluminium-wood	1/cm.20
535-090.17	Viti per nottolini TSPCR 3,5x19 Self-tapping screw TSPCR 3,5x19	1/cm.20
104-600.01	Espansore Adjustable block	7
*605-0427	Squadretta a scatto Corner joint	8
105-0133	Squadretta a cianfrinare Corner joint	4
105-2004	Squadretta allin. interno telaio Internal frame align. corner joint	4
153-0015	Rinforzo per fissaggio cerniera Hinge fastening reinforce	2
234-0052	Maniglia in ottone Brass handle	1

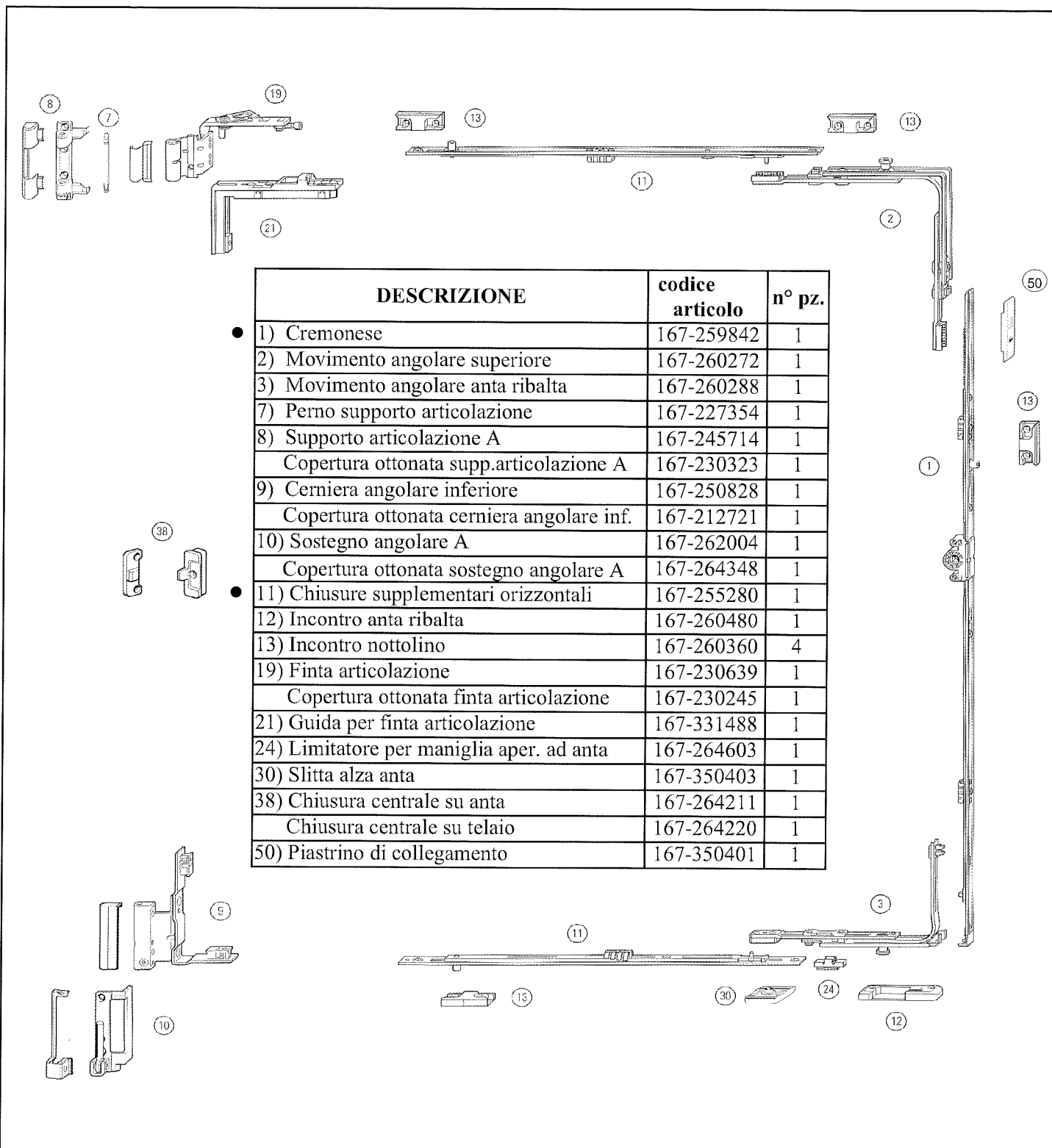
\*Var.squadrette a cianfrinare

Version corner joints locked by crimping

**Guarnizioni**

Gaskets

Art. Item	Descrizione Description	N°.pezzi Pcs
102-6197	Guarnizione distanziatrice Spacing gasket	2L 2H
126-1205	Guarnizione fondogiunto Supporting glass gasket	2L 2H
126-8162	Guarnizione battuta interna Internal rabbet gasket	4L 4H
126-2217	Guarnizione fissaggio fermavetro in legno Wood glass beading fastening gasket	2L 2H
126-2666	Guarnizione tenuta esterna External seal gasket	2L 2H
126-2800	Guarnizione di vetrazione interna Internal glass beading gasket	2L 2H
126-2874	Guarnizione di tenuta centrale Central seal gasket	2L 2H
126-4361	Angolo vulcanizzato Vulcanized angle	N° 4 pz



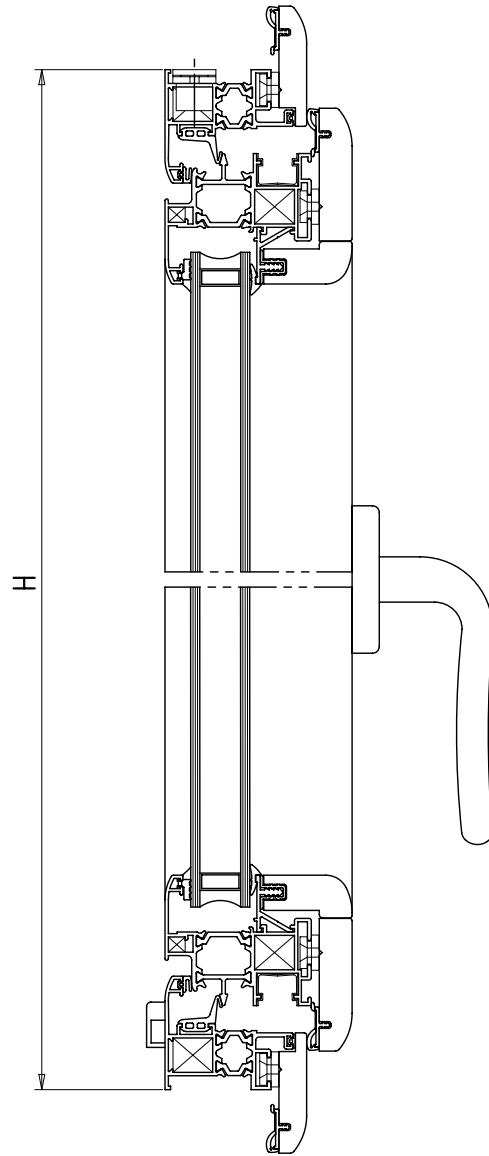
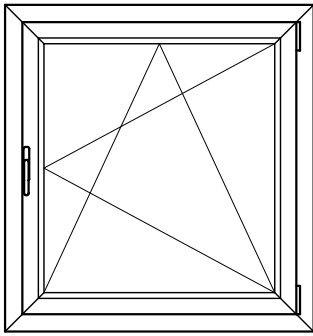
**LIMITI DIMENSIONALI**

Larghezza anta minima - massima --> 290 - 1600 mm.

Altezza anta minima - massima --> 280 - 2400 mm.

Peso massimo anta 130 Kg.

**N.B.** ● Accessori che possono variare secondo le dimensioni del serramento (per alternative vedi elenco accessori)  
Questo esempio è articolato tenendo conto di una finestra con dimensioni LxH da 1000x1600 e con cerniere a sx vista interna



Note :

Notes :

Spessore vetro considerato mm 26

For glass with 26 mm thickness

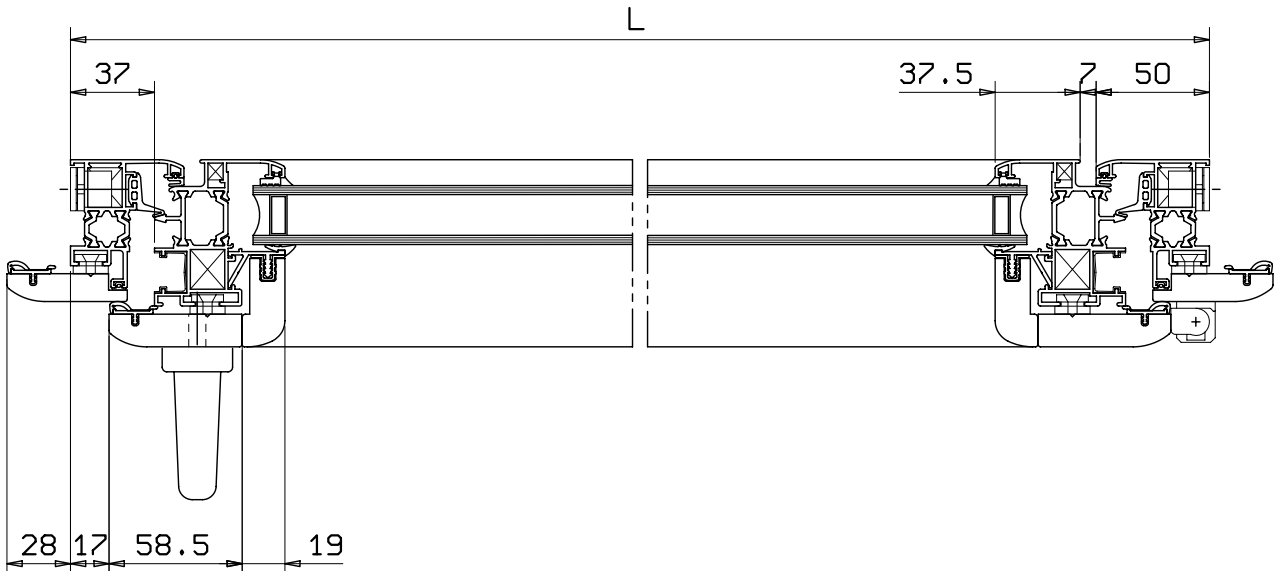
Gioco perimetrale tra profilo  
e vetro mm 5 minimo

Space between glass and profile 5 mm minimum

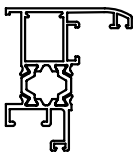

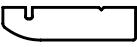
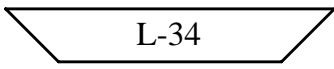
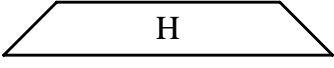
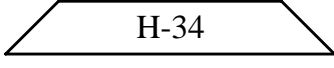
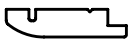
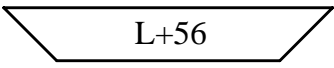

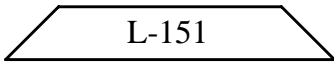
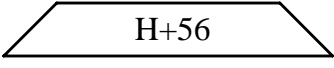
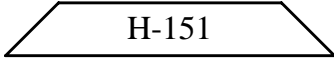
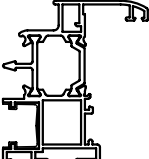
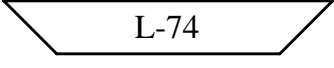

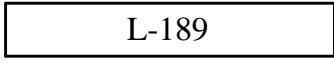
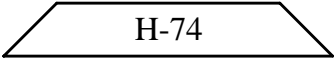
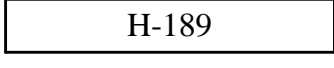
Vetro N° 1 pezzo

Glass N° 1 piece

(L-161) (H-161)





Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTWA01	2	 L	 3202	2	 L-34
	2	 H		2	 H-34
 3201	2	 L+56	 3203	2	 L-151
	2	 H+56		2	 H-151
 TTWA05 + 126-1155	2	 L-74	 14507	2	 L-189
	2	 H-74		2	 H-189

**Accessori**

Accessories

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*605-0427	Squadretta a scatto Corner joint	8
105-0133	Squadretta a cianfrinare Corner joint	4
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234-0052	Maniglia in ottone Brass handle	1

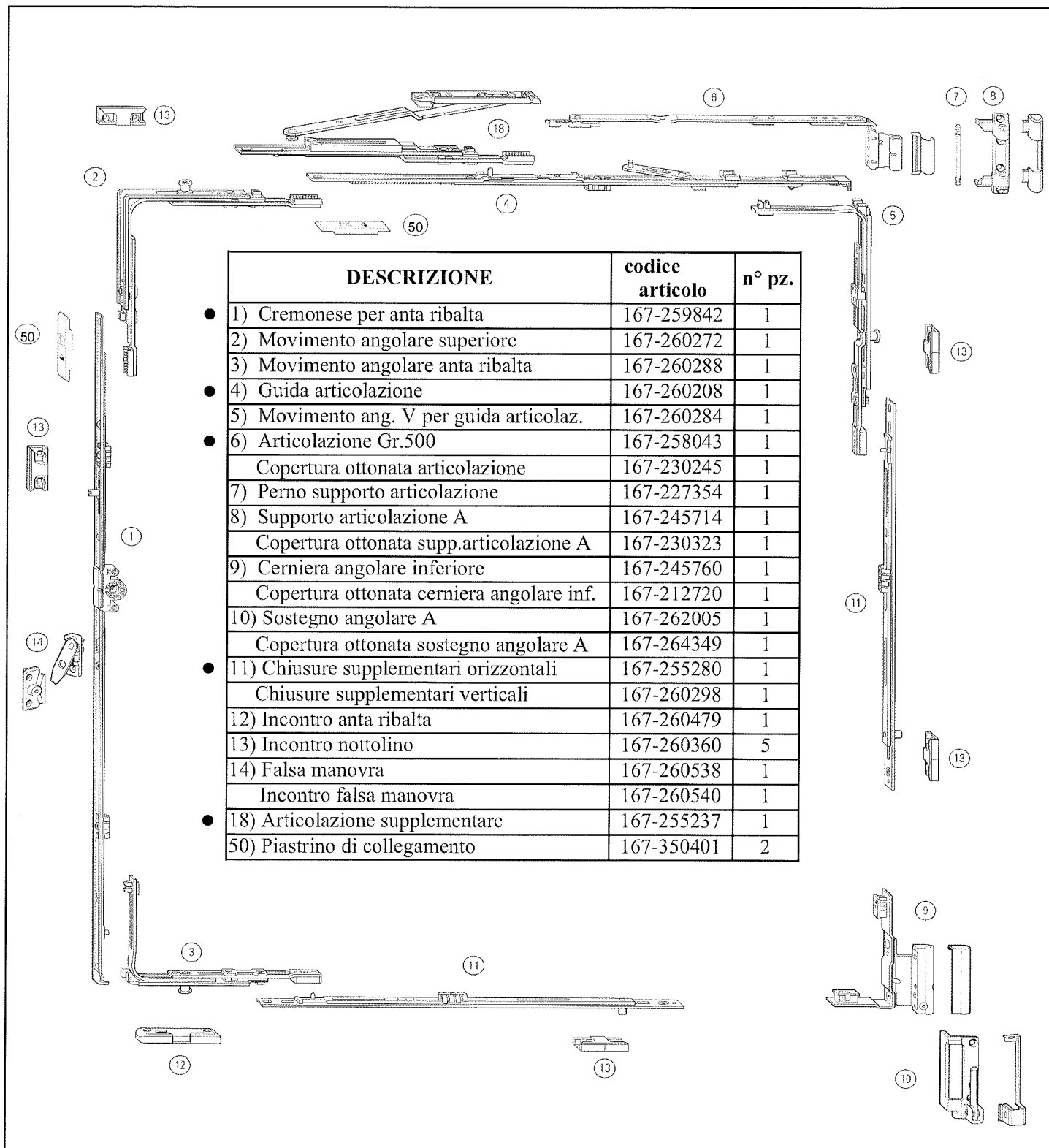
\*Var.squadrette a cianfrinare

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126-4361	Angolo vulcanizzato Vulcanized angle	N° 4 pz



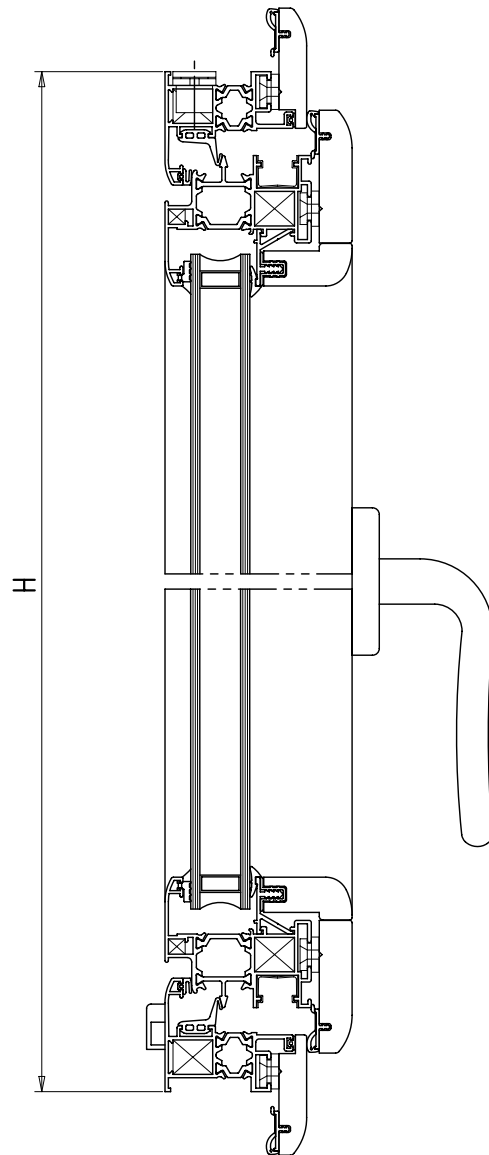
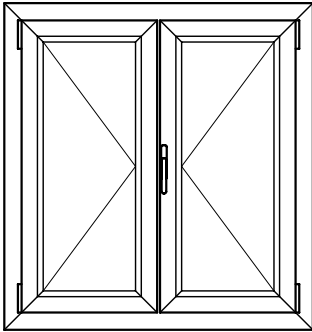
**LIMITI DIMENSIONALI**

Larghezza anta minima - massima --> 290 - 1600 mm.

Altezza anta minima - massima --> 280 - 2400 mm.

Peso massimo anta 130 Kg.

**N.B.** • Accessori che possono variare secondo le dimensioni del serramento (per alternative vedi elenco accessori)  
Questo esempio è articolato tenendo conto di una finestra con dimensioni LxH da 1000x1600 e con cerniere a dx vista interna



Note :

Notes :

Spessore vetro considerato mm 26

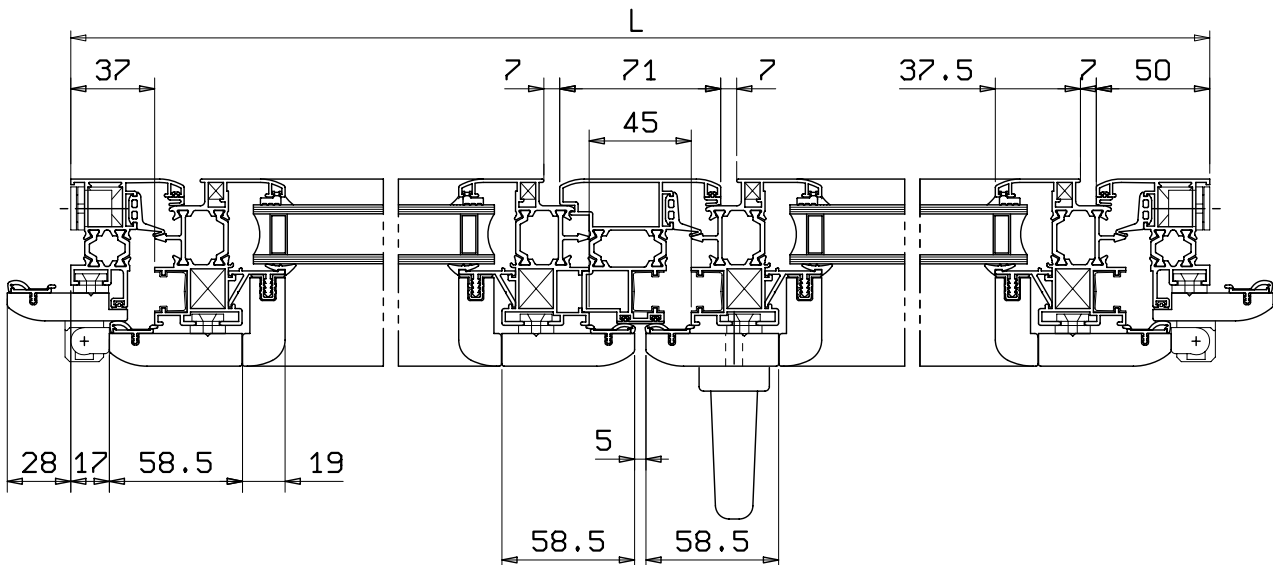
For glass with 26 mm thickness

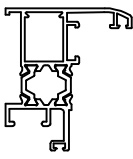

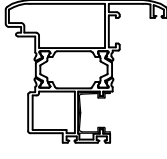
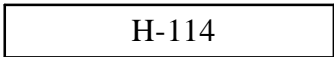
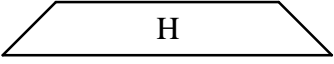
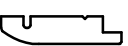
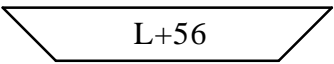

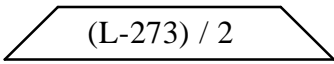
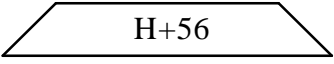

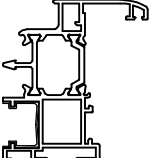
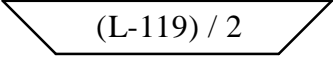

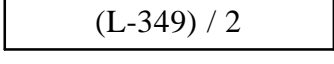
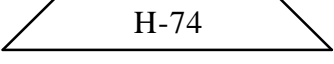
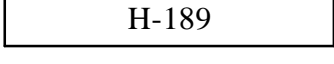
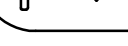
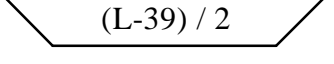
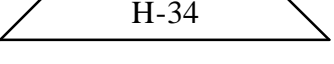
Gioco perimetrale tra profilo e vetro mm 5 minimo

Space between glass and profile 5 mm minimum

Vetro N° 2 pezzi

Glass N° 2 pieces [(L - 293)/2] (H-161)



Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTWA01	2	 L	 TTWA03 + 126-1155	1	 H-114
	2	 H			
 3201	2	 L+56	 3203	4	 (L-273) / 2
	2	 H+56		4	 H-151
 TTWA05 + 126-1155	4	 (L-119) / 2	 14507	4	 (L-349) / 2
	4	 H-74		4	 H-189
 3202	4	 (L-39) / 2			
	4	 H-34			

**Accessori**

Accessories

Art. Item	Descrizione Description	N°.pezzi Pcs
210-1833	Drenaggio acqua Water drainage	3
104-RW169	Nottolini per assemblaggio legno Connection clips for aluminium-wood	1/cm.20
535-090.17	Viti per nottolini TSPCR 3,5x19 Self-tapping screw TSPCR 3,5x19	1/cm.20
104-600.01	Espansore Adjustable block	8
*605-0427	Squadretta a scatto Corner joint	12
105-0133	Squadretta a cianfrinare Corner joint	8
105-2004	Squadretta allin. interno telaio Internal frame align. corner joint	4
153-0015	Rinforzo per fissaggio cerniera Hinge fastening reinforce	4
126-6313	Tappo riporto centrale Seal plug on central profile	1
234-0052	Maniglia in ottone Brass handle	1

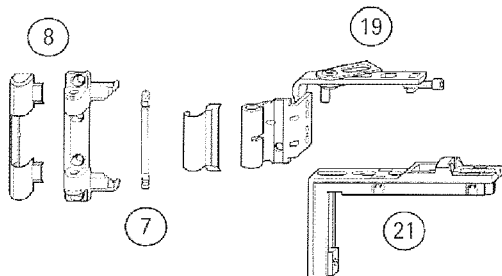
**Guarnizioni**

Gaskets

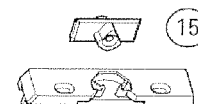
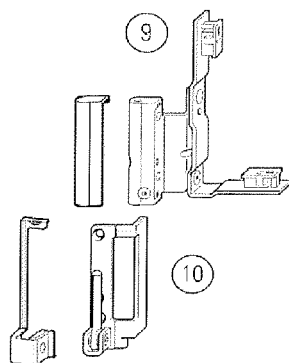
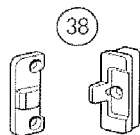
Art. Item	Descrizione Description	N°.pezzi Pcs
102-6197	Guarnizione distanziatrice Spacing gasket	2L 2H
126-1205	Guarnizione fondogiunto Supporting glass gasket	2L 4H
126-8162	Guarnizione battuta interna Internal rabbet gasket	4L 6H
126-2217	Guarnizione fissaggio fermavetro in legno Wood glass beading fastening gasket	2L 4H
126-2377	Guarnizione di finitura riporto centrale Central rabbet profile gasket	1H
126-2666	Guarnizione tenuta esterna External seal gasket	2L 3H
126-2800	Guarnizione di vetratura interna Internal glass beading gasket	2L 4H
126-2874	Guarnizione di tenuta centrale Central seal gasket	2L 3H
126-4361	Angolo vulcanizzato Vulcanized angle	N° 4 pz

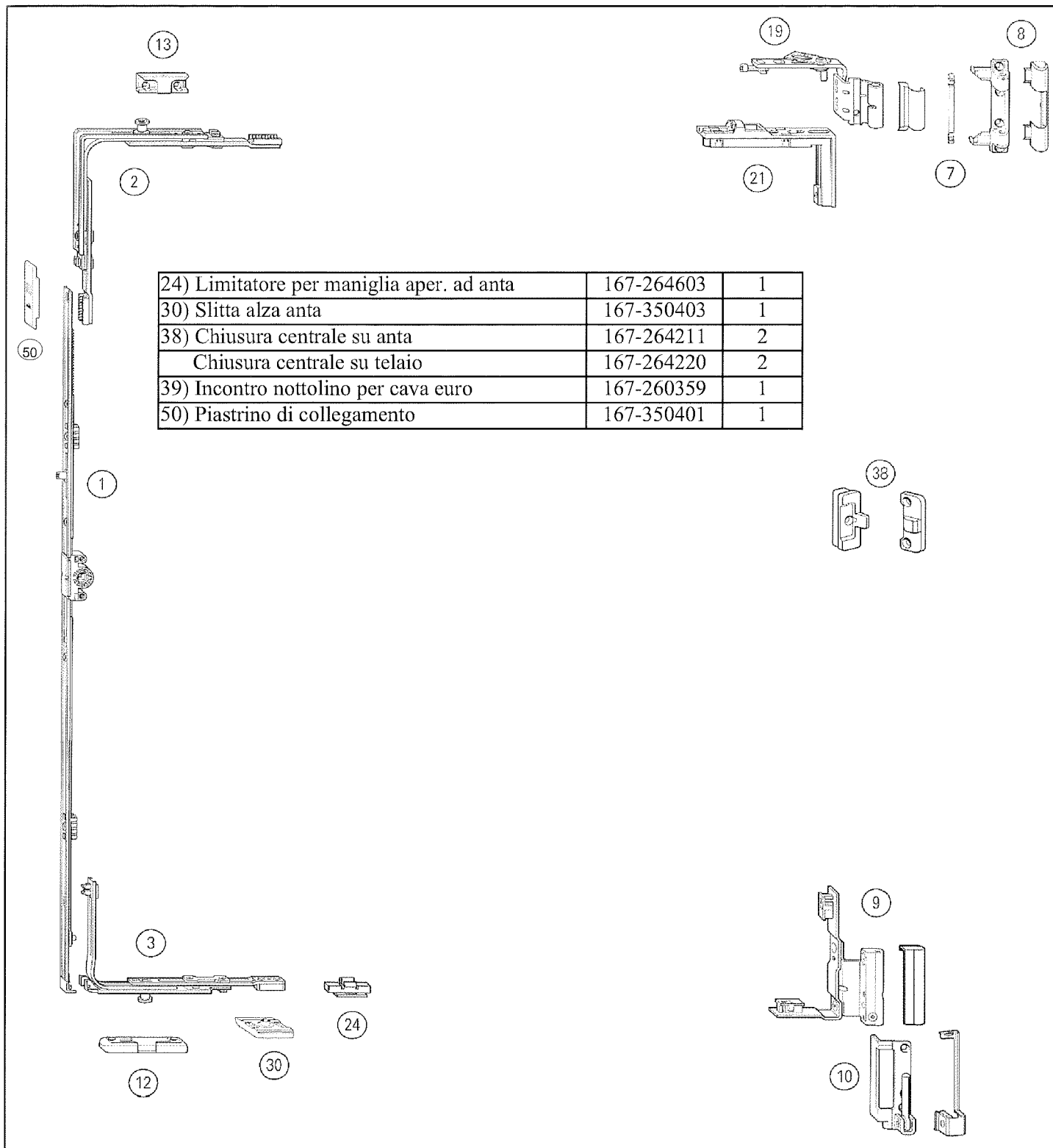
\*Var.squadrette a cianfrinare

Version corner joints locked by crimping



DESCRIZIONE	codice articolo	n° pz.
1) Cremonese per anta ribalta	167-259842	1
2) Movimento angolare superiore	167-260272	1
3) Movimento angolare anta ribalta	167-260288	1
7) Perno supporto articolazione	167-227354	2
8) Supporto articolazione A	167-245714	2
Copertura ottonata supp.articolazione A	167-230323	2
9) Cerniera angolare inferiore Sx	167-250828	1
Copertura ottonata cern. angolare inf. Sx	167-212721	1
9) Cerniera angolare inferiore Dx	167-245760	1
Copertura ottonata cern. angolare inf. Dx	167-212720	1
10) Sostegno angolare A Sx	167-262004	1
Copertura ottonata sost. angolare A Sx	167-264348	1
10) Sostegno angolare A Dx	167-262005	1
Copertura ottonata sost. angolare A Dx	167-264349	1
12) Incontro anta ribalta Dx	167-260480	1
13) Incontro nottolino	167-260360	1
15) Cricchetto	167-260459	1
Incontro cricchetto	167-260477	1
19) Finta articolazione Sx	167-230639	1
19) Finta articolazione Dx	167-230640	1
Copertura ottonata finta articolazione	167-230245	2
21) Guida per finta articolazione	167-331488	2





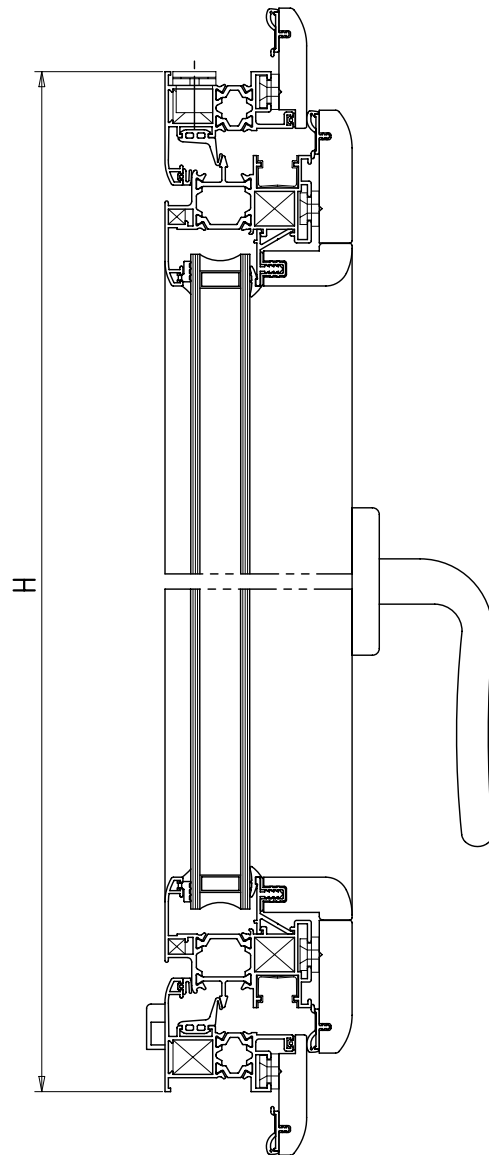
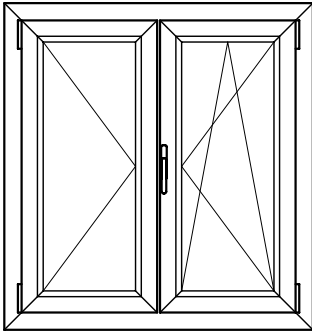
## LIMITI DIMENSIONALI

Larghezza anta minima - massima --> 290 - 1600 mm.

Altezza anta minima - massima --> 431 - 2400 mm.

Peso massimo anta 130 Kg.

**N.B.** ● Accessori che possono variare secondo le dimensioni del serramento (per alternative vedi elenco accessori)  
Questo esempio è articolato tenendo conto di una finestra con dimensioni LxH da 1400x1600 e con anta principale a dx vista interna



Note :

Notes :

Spessore vetro considerato mm 26

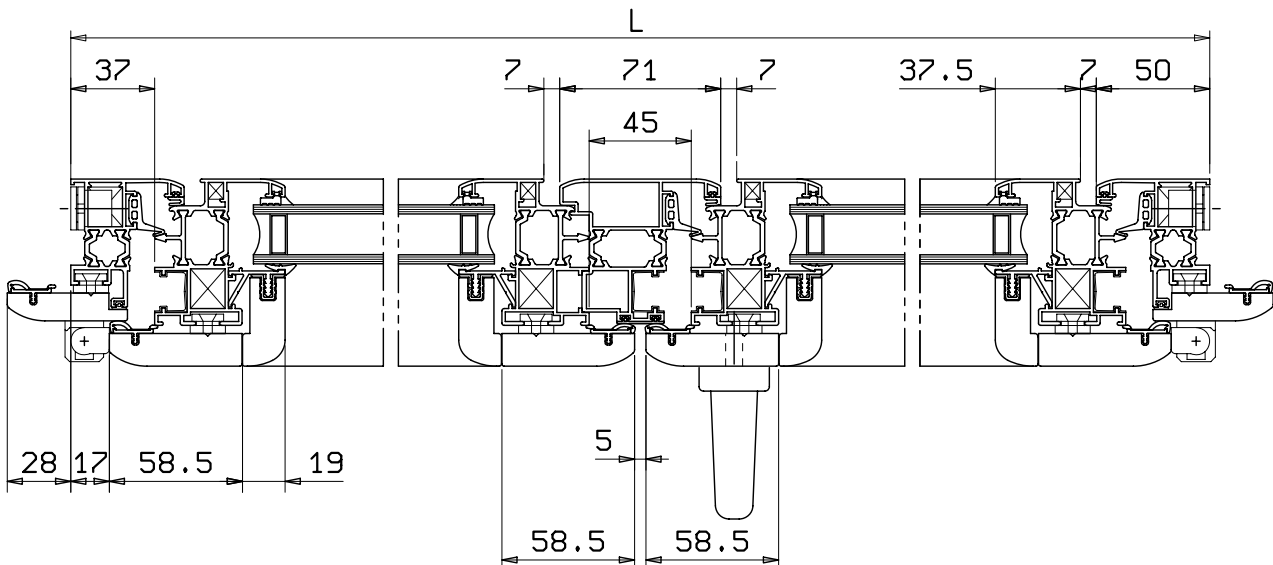
For glass with 26 mm thickness

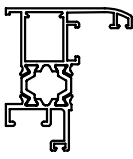

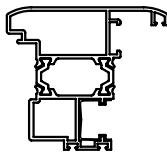
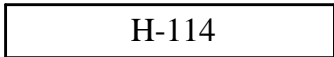
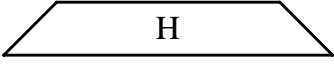
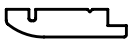
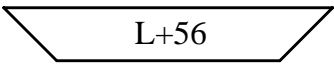

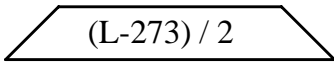
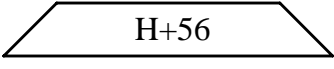
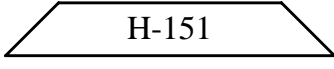
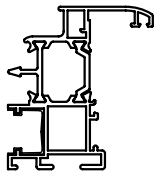
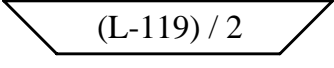

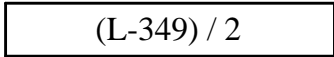
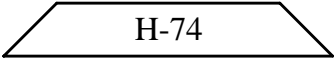
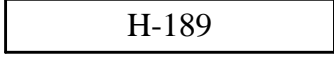

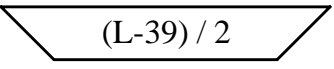
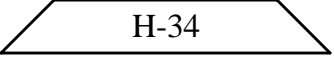
Gioco perimetrale tra profilo e vetro mm 5 minimo

Space between glass and profile 5 mm minimum

Vetro N° 2 pezzi

Glass N° 2 pieces [ (L - 293) / 2 ] (H-161)



Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTWA01	2	 L	 TTWA03 + 126-1155	1	 H-114
	2	 H			
 3201	2	 L+56	 3203	4	 (L-273) / 2
	2	 H+56		4	 H-151
 TTWA05 + 126-1155	4	 (L-119) / 2	 14507	4	 (L-349) / 2
	4	 H-74		4	 H-189
 3202	4	 (L-39) / 2			
	4	 H-34			

**Accessori**  
Accessories

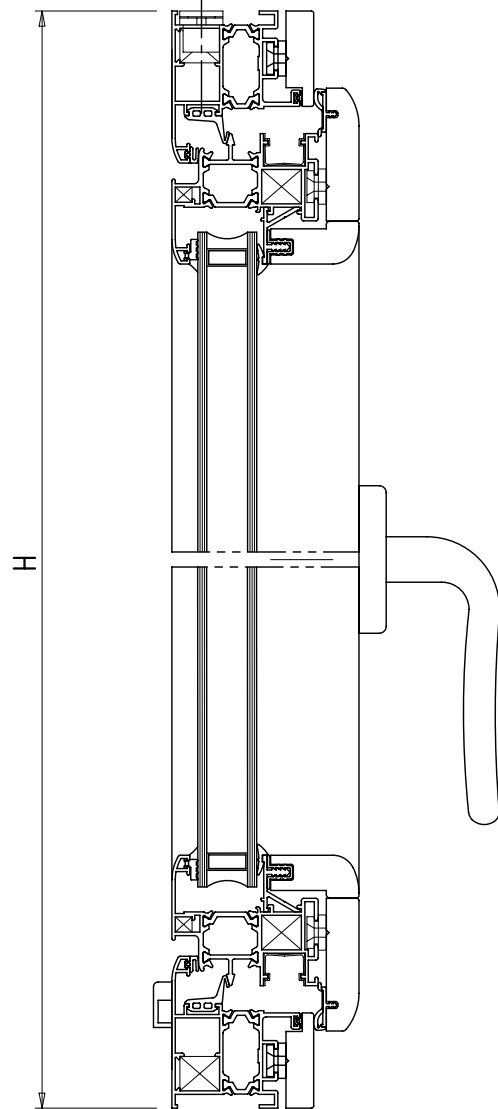
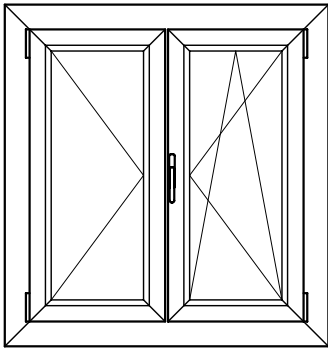
Art. Item	Descrizione Description	N°.pezzi Pcs
210-1833	Drenaggio acqua Water drainage	3
104-RW169	Nottolini per assemblaggio legno Connection clips for aluminium-wood	1/cm.20
535-090.17	Viti per nottolini TSPCR 3,5x19 Self-tapping screw TSPCR 3,5x19	1/cm.20
104-600.01	Espansore Adjustable block	8
*605-0427	Squadretta a scatto Corner joint	12
105-0133	Squadretta a cianfrinare Corner joint	8
105-2004	Squadretta allin. interno telaio Internal frame align. corner joint	4
153-0015	Rinforzo per fissaggio cerniera Hinge fastening reinforce	4
126-6313	Tappo riporto centrale Seal plug on central profile	1
234-0052	Maniglia in ottone Brass handle	1

\*Var.squadrette a cianfrinare  
Version corner joints locked by crimping

**Guarnizioni**  
Gaskets

Art. Item	Descrizione Description	N°.pezzi Pcs
102-6197	Guarnizione distanziatrice Spacing gasket	2L 2H
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126-2217	Guarnizione fissaggio fermavetro in legno Wood glass beading fastening gasket	2L 4H
126-2377	Guarnizione di finitura riporto centrale Central rabbet profile gasket	1H
126-2666	Guarnizione tenuta esterna External seal gasket	2L 3H
126-2800	Guarnizione di vetratura interna Internal glass beading gasket	2L 4H
126-2874	Guarnizione di tenuta centrale Central seal gasket	2L 3H
126-4361	Angolo vulcanizzato Vulcanized angle	N° 4 pz





Note :

Notes :

Spessore vetro considerato mm 26

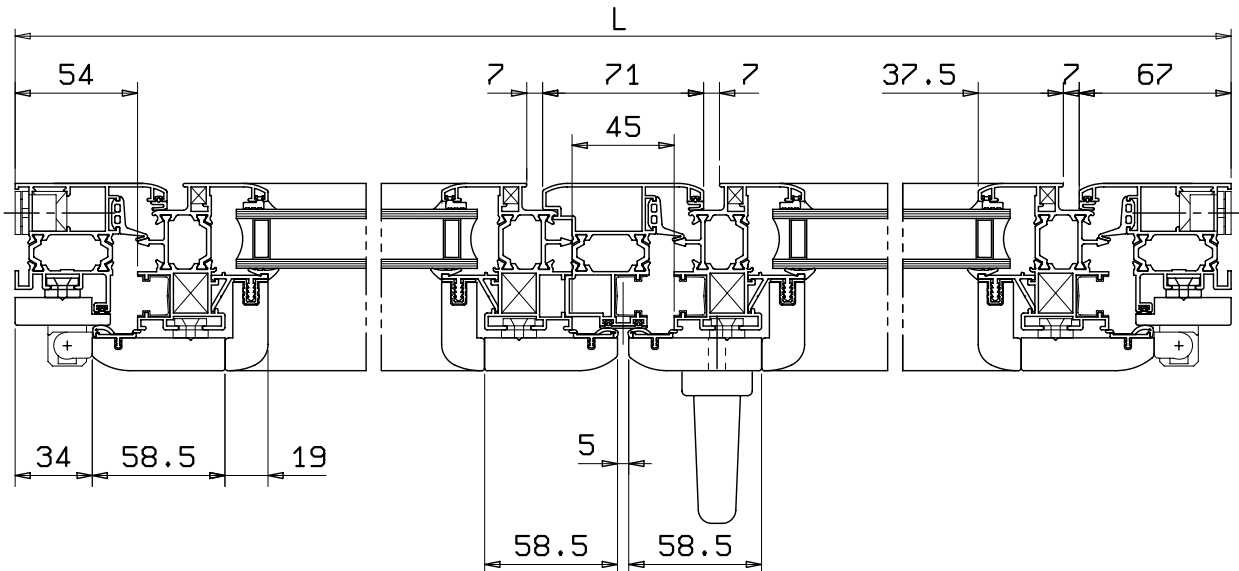
For glass with 26 mm thickness

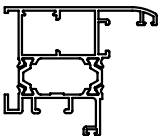

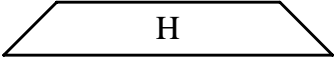
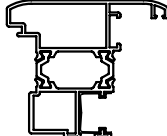
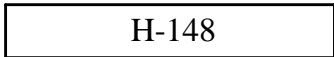
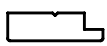

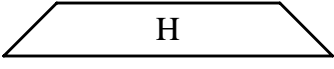

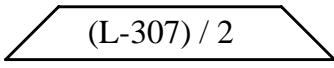
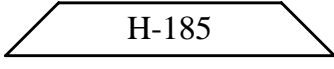
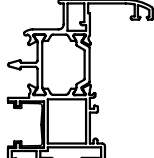
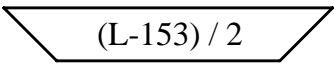
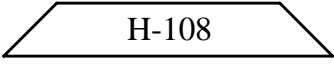

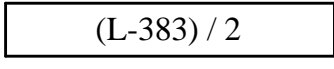
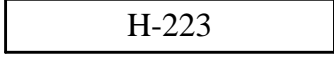
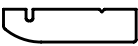
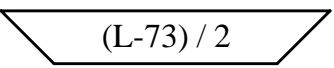
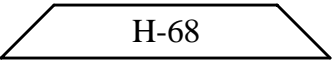
Gioco perimetrale tra profilo e vetro mm 5 minimo

Space between glass and profile 5 mm minimum

Vetro N° 2 pezzi

Glass N°2 pieces [(L - 327)/2] (H-195)



Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTWA02	2 2	 L  H	 TTWA03 + 126-1155	1	 H-148
 3205	2 2	 L  H	 3203	4 4	 (L-307) / 2  H-185
 TTWA05 + 126-1155	4 4	 (L-153) / 2  H-108	 14507	4 4	 (L-383) / 2  H-223
 3202	4 4	 (L-73) / 2  H-68			

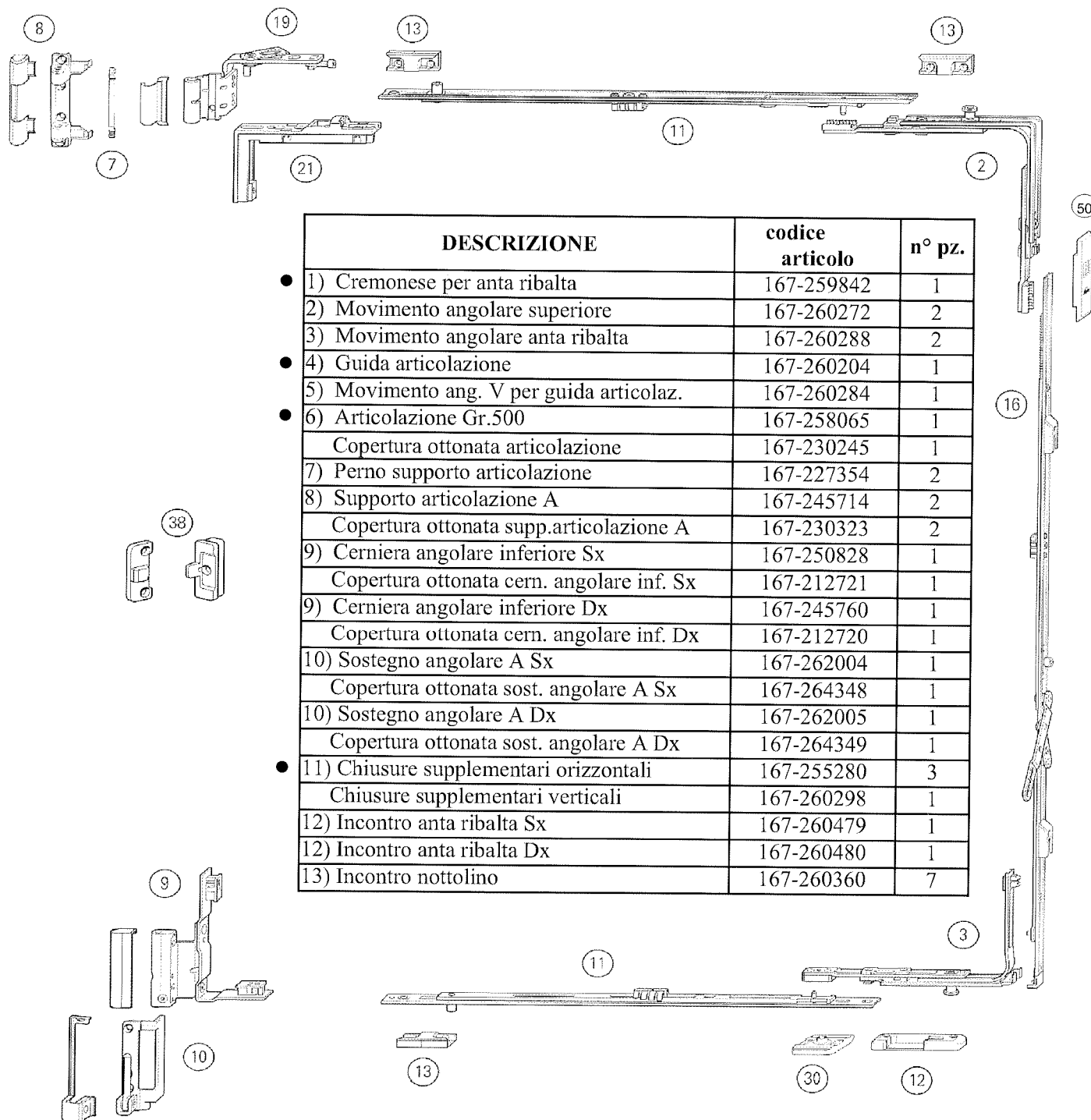
**Accessori**  
Accessories

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105-2004	Squadretta allin. interno telaio Internal frame align. corner joint	4
153-0015	Rinforzo per fissaggio cerniera Hinge fastening reinforce	4
126-6313	Tappo riporto centrale Seal plug on central profile	1
234-0052	Maniglia in ottone Brass handle	1

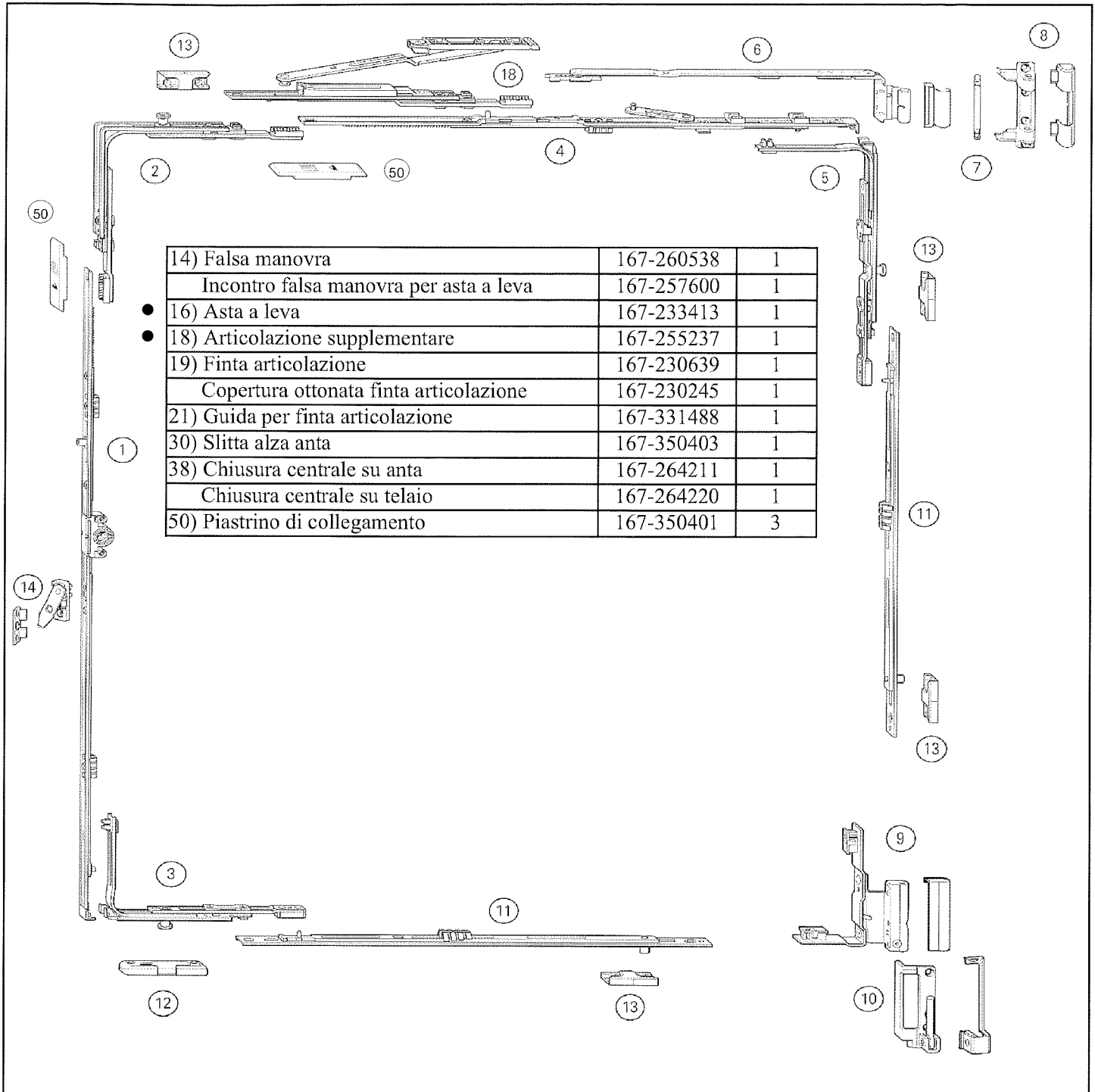
\*Var.squadrette a cianfrinare  
Version corner joints locked by crimping

**Guarnizioni**  
Gaskets

Art. Item	Descrizione Description	N°.pezzi Pcs
102-6197	Guarnizione distanziatrice Spacing gasket	2L 2H
126-1205	Guarnizione fondogiunto Supporting glass gasket	2L 4H
126-8162	Guarnizione battuta interna Internal rabbet gasket	4L 4H
126-2217	Guarnizione fissaggio fermavetro in legno Wood glass beading fastening gasket	2L 4H
126-2377	Guarnizione di finitura riporto centrale Central rabbet profile gasket	1H
126-2666	Guarnizione tenuta esterna External seal gasket	2L 3H
126-2800	Guarnizione di vetratura interna Internal glass beading gasket	2L 4H
126-2874	Guarnizione di tenuta centrale Central seal gasket	2L 3H
126-4361	Angolo vulcanizzato Vulcanized angle	N° 4 pz



DESCRIZIONE	codice articolo	n° pz.
• 1) Cremonese per anta ribalta	167-259842	1
2) Movimento angolare superiore	167-260272	2
3) Movimento angolare anta ribalta	167-260288	2
• 4) Guida articolazione	167-260204	1
5) Movimento ang. V per guida articolaz.	167-260284	1
• 6) Articolazione Gr.500	167-258065	1
Copertura ottonata articolazione	167-230245	1
7) Perno supporto articolazione	167-227354	2
8) Supporto articolazione A	167-245714	2
Copertura ottonata supp.articolazione A	167-230323	2
9) Cerniera angolare inferiore Sx	167-250828	1
Copertura ottonata cern. angolare inf. Sx	167-212721	1
9) Cerniera angolare inferiore Dx	167-245760	1
Copertura ottonata cern. angolare inf. Dx	167-212720	1
10) Sostegno angolare A Sx	167-262004	1
Copertura ottonata sost. angolare A Sx	167-264348	1
10) Sostegno angolare A Dx	167-262005	1
Copertura ottonata sost. angolare A Dx	167-264349	1
• 11) Chiusure supplementari orizzontali	167-255280	3
Chiusure supplementari verticali	167-260298	1
12) Incontro anta ribalta Sx	167-260479	1
12) Incontro anta ribalta Dx	167-260480	1
13) Incontro nottolino	167-260360	7



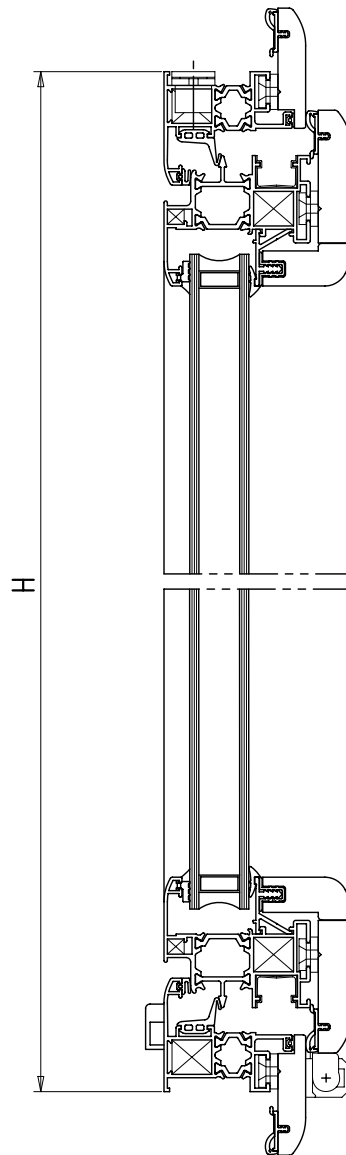
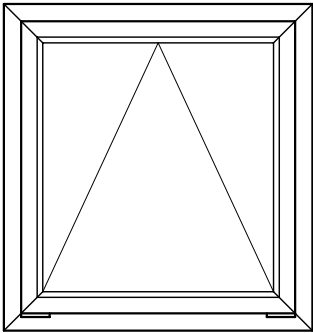
## LIMITI DIMENSIONALI

Larghezza anta minima - massima --> 290 - 1600 mm.

Altezza anta minima - massima --> 431 - 2400 mm.

Peso massimo anta 130 Kg.

N.B. ● Accessori che possono variare secondo le dimensioni del serramento (per alternative vedi elenco accessori)  
Questo esempio è articolato tenendo conto di una finestra con dimensioni LxH da 1400x1600 e con anta ribalta a dx vista interna



Note :

Notes :

Spessore vetro considerato mm 26

For glass with 26 mm thickness

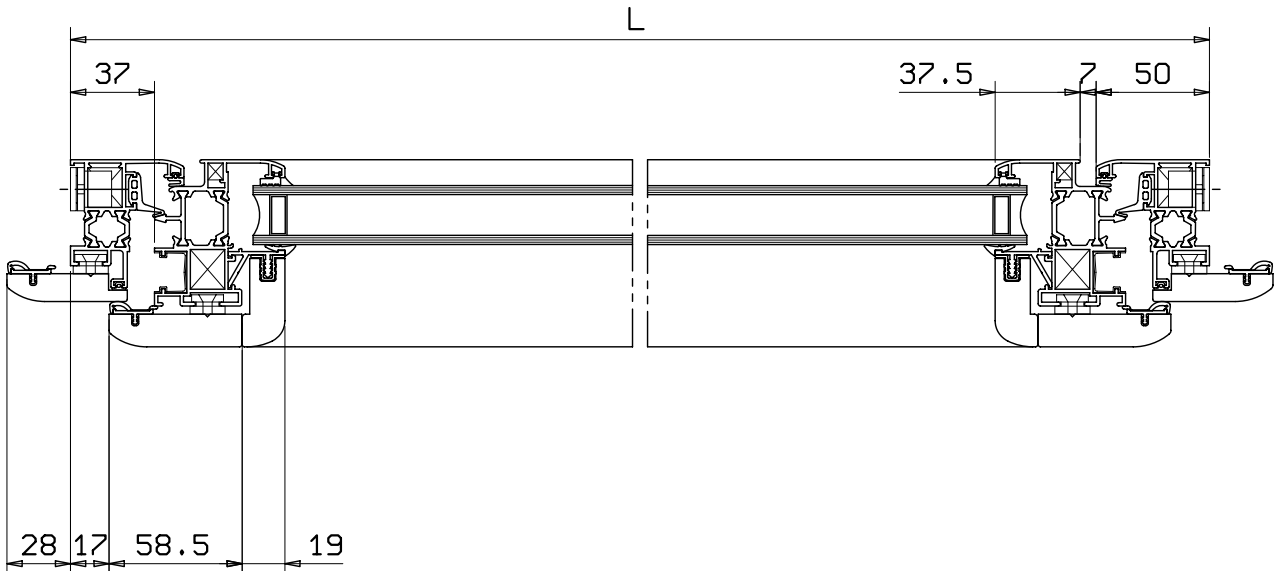
Gioco perimetrale tra profilo  
e vetro mm 5 minimo

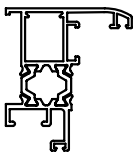

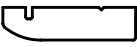
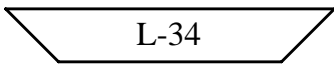
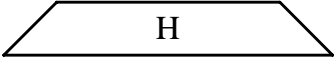
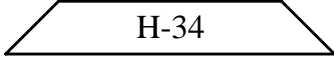
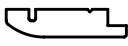
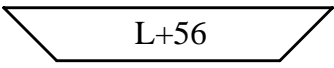

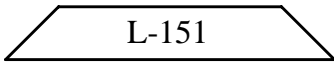
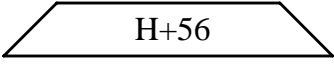
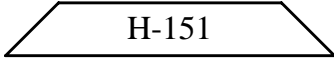
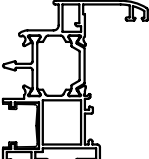
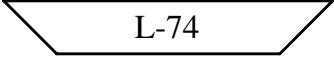

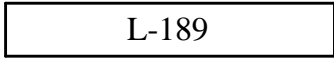
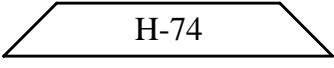
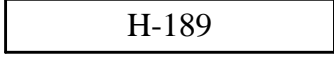
Space between glass and profile 5 mm minimum

Vetro N° 1 pezzo

Glass N° 1 piece

(L-161) (H-161)



Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTWA01	2	 L	 3202	2	 L-34
	2	 H		2	 H-34
 3201	2	 L+56	 3203	2	 L-151
	2	 H+56		2	 H-151
 TTWA05 + 126-1155	2	 L-74	 14507	2	 L-189
	2	 H-74		2	 H-189

**Accessori**

Accessories

Art. Item	Descrizione Description	N°.pezzi Pcs
210-1833	Drenaggio acqua Water drainage	2
104-RW169	Nottolini per assemblaggio legno Connection clips for aluminium-wood	1/cm.20
535-090.17	Viti per nottolini TSPCR 3,5x19 Self-tapping screw TSPCR 3,5x19	1/cm.20
104-600.01	Espansore Adjustable block	7
*605-0427	Squadretta a scatto Corner joint	8
105-0133	Squadretta a cianfrinare Corner joint	4
105-2004	Squadretta allin. interno telaio Internal frame align. corner joint	4
153-0015	Rinforzo per fissaggio cerniera Hinge fastening reinforce	2
234-0052	Maniglia in ottone Brass handle	1

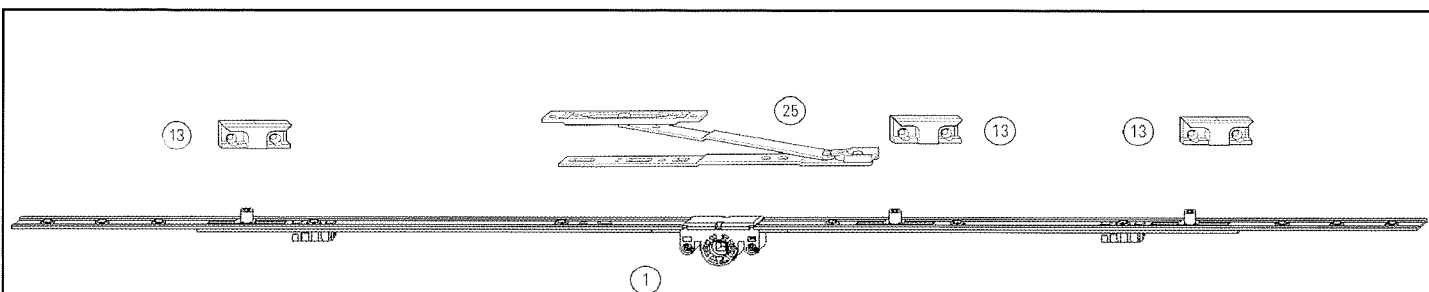
\*Var.squadrette a cianfrinare

Version corner joints locked by crimping

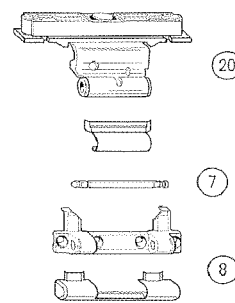
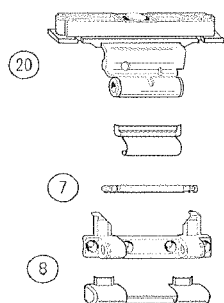
**Guarnizioni**

Gaskets

Art. Item	Descrizione Description	N°.pezzi Pcs
102-6197	Guarnizione distanziatrice Spacing gasket	2L 2H
126-1205	Guarnizione fondogiunto Supporting glass gasket	2L 2H
126-8162	Guarnizione battuta interna Internal rabbet gasket	4L 4H
126-2217	Guarnizione fissaggio fermavetro in legno Wood glass beading fastening gasket	2L 2H
126-2666	Guarnizione tenuta esterna External seal gasket	2L 2H
126-2800	Guarnizione di vetrazione interna Internal glass beading gasket	2L 2H
126-2874	Guarnizione di tenuta centrale Central seal gasket	2L 2H
126-4361	Angolo vulcanizzato Vulcanized angle	N° 4 pz



DESCRIZIONE	codice articolo	n° pz.
● 1) Cremonese per vasistas	167-260133	1
7) Perno supporto articolazione	167-227354	2
8) Supporto articolazione A	167-245714	2
Copertura ottonata supp.articolazione A	167-230323	2
13) Incontro nottolino	167-260360	3
20) Cerniera per vasistas	167-264019	2
Copertura ottonata cerniera	167-230245	2
24) Limitatore per maniglia apert. a vasistas	167-264603	1
25) Articolazione per vasistas	167-255224	1



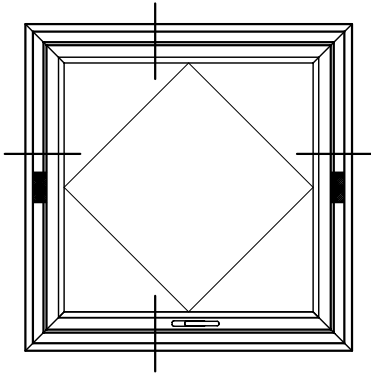
**LIMITI DIMENSIONALI**

Larghezza anta minima - massima --> 310 - 2400 mm.

Altezza anta minima - massima --> 290 - 1200 mm.

Peso massimo anta 80 Kg.

N.B. ● Accessori che possono variare secondo le dimensioni del serramento (per alternative vedi elenco accessori)  
Questo esempio è articolato tenendo conto di una finestra con dimensioni LxH da 1200x1000



**Note -Notes:**

Spessore vetro considerato mm 26

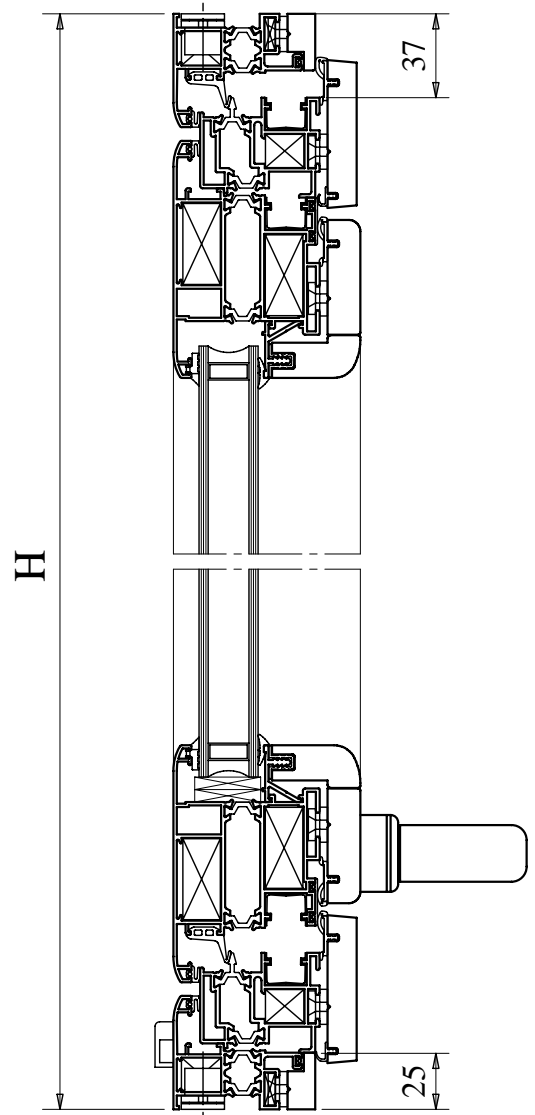
For glass with 26 mm thickness

Gioco perimetrale tra profilo  
e vetro mm 5 minimo

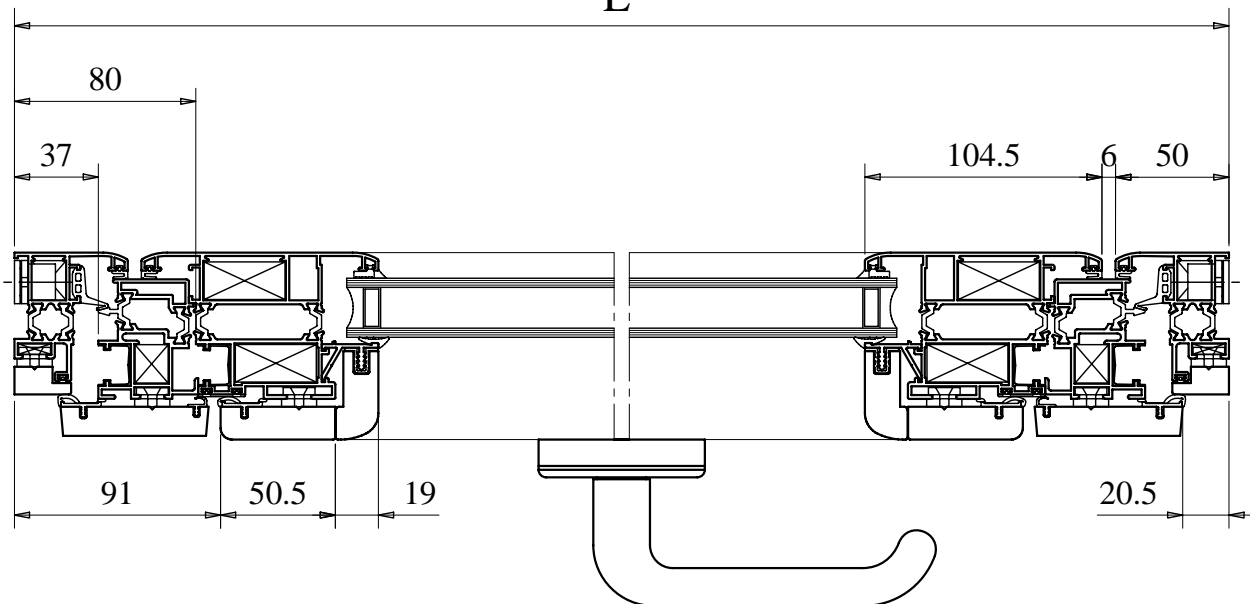
Space between glass and profile 5 mm minimum

Vetro N° 1 pezzo

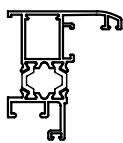
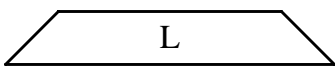
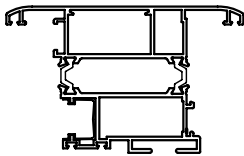
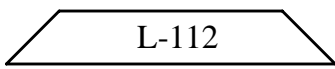
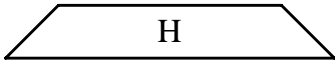
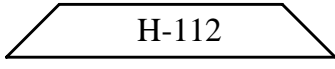

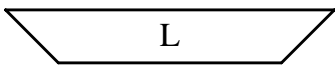
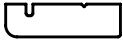
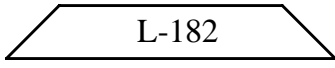
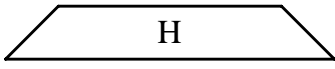
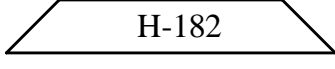
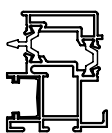
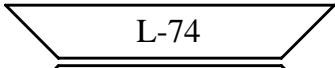

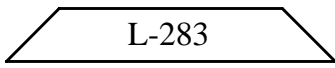
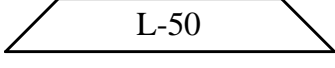
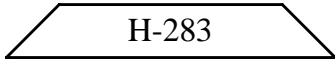
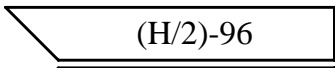
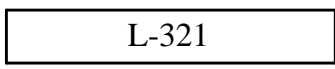
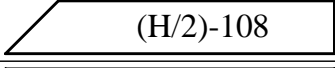
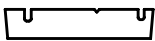
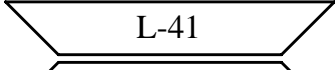

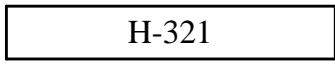
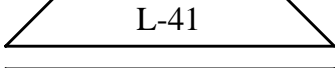
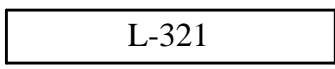
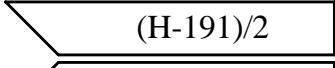

Glass N°1 piece  
(L-293) (H-293)



L





Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTWA01	2	 L	 TTWA12+ 126-1155	2	 L-112
	2	 H		2	 H-112
 3200	2	 L	 3217	2	 L-182
	2	 H		2	 H-182
 TTWA11+ 126-1155	1	 L-74	 3203	2	 L-283
	1	 L-50		2	 H-283
	2	 (H/2)-96		2	 L-321
	2	 (H/2)-108			
 3216	1	 L-41	 14507	2	 H-321
	1	 L-41		2	 L-321
	2	 (H-191)/2			
	2	 (H-191)/2			

**Accessori**  
Accessories

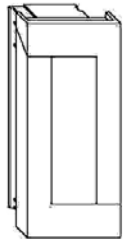
Art. Item	Descrizione Description	N° pezzi Pcs
100-2328	Drenaggio acqua Water drainage	2
104-RV169	Nottolini per assemblaggio legno Connection clips for aluminium-wood	1/cm.20
535-090.17	Viti per nottolini TSPCR 3,5x19 Self-tapping screw TSPCR 3,5x19	1/cm.20
104-600.01	Espansore Adjustable block	7
153-0021	Spessori fissaggio frizioni Friction shims	2cp
105-2004	Squadretta all.to telai Corner joint frame	4
605-0427	Squadretta a scatto Corner joint	8
130-00A5	Squadretta ad avvitare Corner joint	8
234-0052	Maniglia in ottone Brass handle	1

**Guarnizioni**  
Gaskets

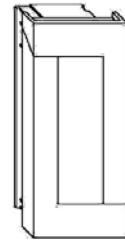
Art. Item	Descrizione Description	N° pezzi Pcs
102-6197	Guarnizione distanziatrice Spacing gasket	2L 2H
126-1205	Guarnizione fondogiunto Supporting glass gasket	2L 2H
126-8162	Guarnizione battuta interna Internal rabbet gasket	4L 4H
126-2217	Guarnizione fissaggio fermavetro in legno Wood glass beading fastening gasket	2L 2H
126-2666	Guarnizione tenuta esterna External seal gasket	4L 4H
126-2800	Guarnizione di vetratura interna Internal glass beading gasket	2L 2H
126-2874	Guarnizione di tenuta centrale Central seal gasket	2L 2H
102-3130	Guarnizione battuta interna Internal rabbet gasket	2L 2H
126-2377	Guarnizione per riporto centrale Central rabbet profile gasket	2L 2H
126-4361	Angolo vulcanizzato Vulcanized angle	N° 2 pz

\*Var.squadrette a cianfrinare o spinare  
Version corner joints locked by pin or by crimping

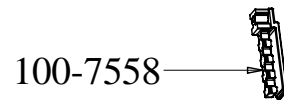
**LAYOUT CHIUSURE PER APERTURA A BILICO**  
**PIVOTING WINDOW FASTENING LAYOUT**



158-BIL01



158-BIL01



100-7558

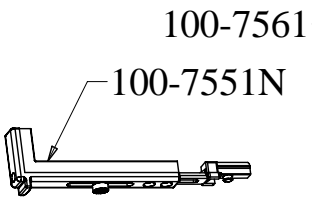
100-7556

100-7561

100-7560

100-7559

100-7550N



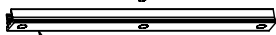
100-7561

100-7551N

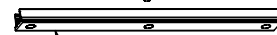
158-BIL07

100-7561

100-7550N



100-7559



100-7559



100-7556



100-7556

Opzione A:  
chiusure nella parte inferiore

Option A:  
lower transom fastening

Opzione B:  
chiusure nella parte inferiore  
e laterale

Option B:  
lower transom and jamb  
fastening