

# 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.

The system of sections shown in this catalogue is patented; all data given in this catalogue are an indication and do not bind Profilati SpA and Trafilerie Emiliane Sud SpA which reserve the right to make any modifications deemed appropriate to improve products.

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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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Profilati S.p.A.

## **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);

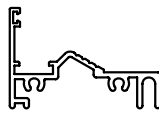
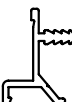
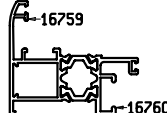
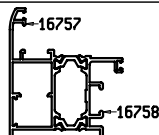
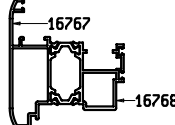
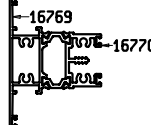
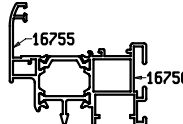
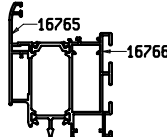
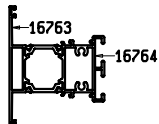
In any case we advise to keep to the standards, specific existing rules and suggestions;

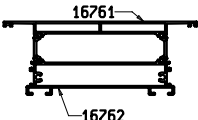
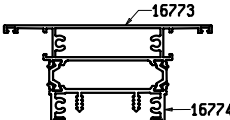
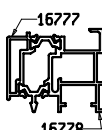
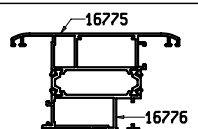
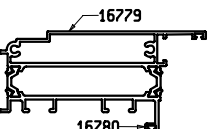
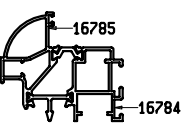
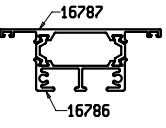
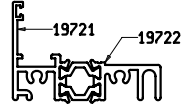
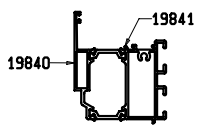
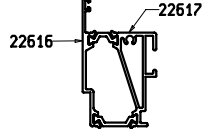
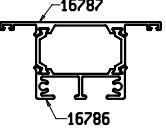
FURTHERMORE THE PLACEMENT OF THE FIXTURES UNDER CONSTRUCTION MUST ABSOLUTELY BE AVOIDED WHERE THE ROOMS ARE NOT SUFFICIENTLY DRY;

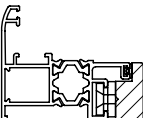
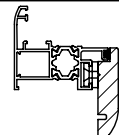
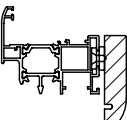
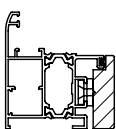
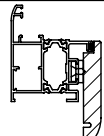
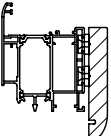
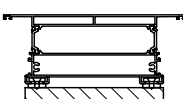
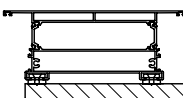
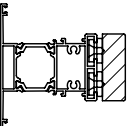
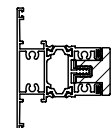
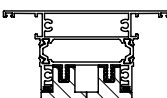
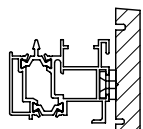
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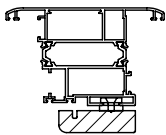
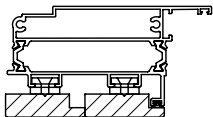
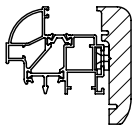
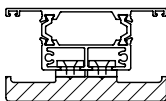
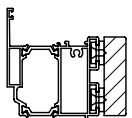
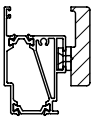
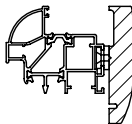
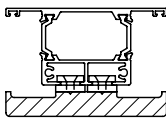
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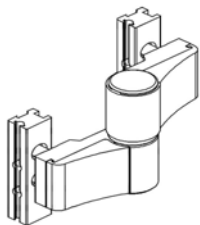
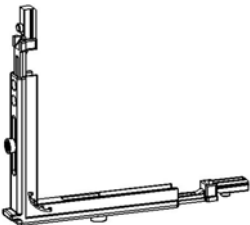
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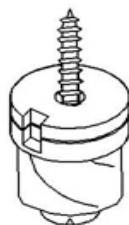
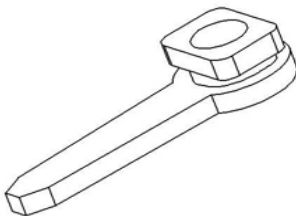
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|----------------|-------------------------------------------------------------------------------------|-------|--------------------------------------------------------|----------------------------------------|------------------------|---------------|
| 14507          |    | 0.257 | Fermavetro<br>Glass beading                            | -                                      | -                      | 115           |
| 14512          |    | 0.873 | Soglia ridotta<br>Small threshold                      | 102                                    | -                      | 326           |
| 14519          |    | 0.216 | Fermavetro<br>Glass beading                            | -                                      | -                      | 104           |
| 16806          |    | 1.091 | Soglia ridotta<br>Small threshold                      | 105                                    | -                      | 360           |
| 19730          |   | 0.257 | Fermavetro<br>Glass beading                            | -                                      | -                      | 114           |
| TTWA01         |  | 1.109 | Telaio fisso<br>Fixed frame                            | 55                                     | -                      | 331           |
| TTWA02         |  | 1.400 | Telaio fisso maggiorato<br>Oversize fixed frame        | 72                                     | -                      | 391           |
| TTWA03         |  | 1.530 | Battuta centrale<br>Central rabbet                     | 83                                     | 22.69                  | 401           |
| TTWA04         |  | 1.681 | "T" per telaio da 80 mm<br>"T" profile for frame 80 mm | 87                                     | 17.22                  | 482           |
| TTWA05         |  | 1.382 | Anta<br>Wing                                           | 70                                     | 22.19                  | 404           |
| TTWA06         |  | 1.999 | Anta maggiorata<br>Oversize wing                       | 100                                    | 33.80                  | 492           |
| TTWA07         |  | 1.637 | "T" per anta da 80 mm<br>"T" profile for wing 80 mm    | 87                                     | 26.48                  | 438           |

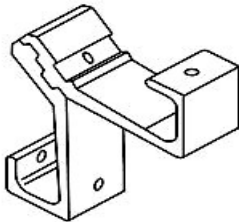
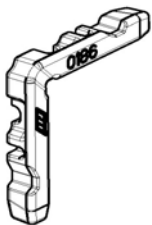
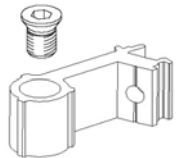
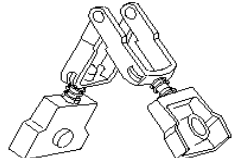
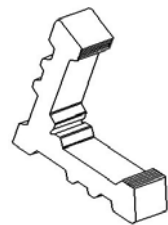
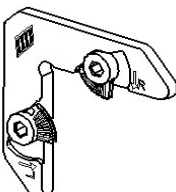
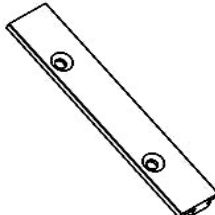
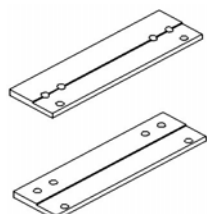
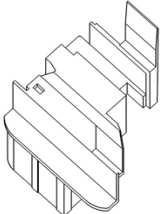
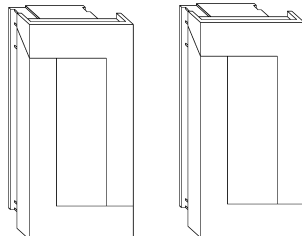
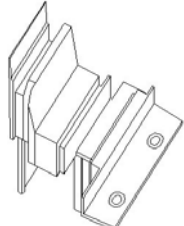
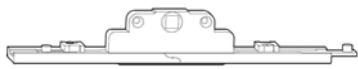
| Codice<br>Code | Sagoma<br>Shape                                                                     | Kg/m. | Descrizione<br>Description                                                                                        | Sup.<br>Vista<br>Shown<br>surf.<br>mm. | Jx<br>cm. <sup>4</sup> | Perim.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

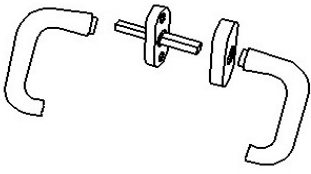
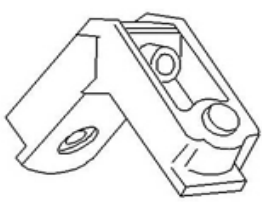
| Codice<br>Code | Sagoma<br>Shape                                                                     | Descrizione<br>Description                                                                       | Codice profilo<br>alluminio<br>Alluminium<br>profile code | Codice sagomato<br>legno<br>Wood profile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

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

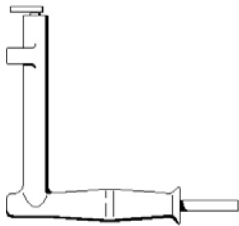
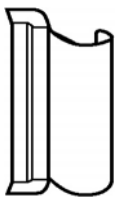
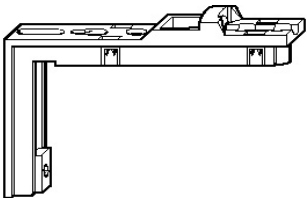
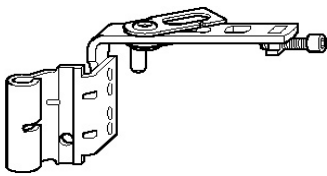
| codice articolo | descrizione                         |                                                                                     |
|-----------------|-------------------------------------|-------------------------------------------------------------------------------------|
| 100-2328        | cappetta di drenaggio               |    |
| 142-2145        | cappetta di drenaggio con valvolina |    |
| 100-5068        | 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              |  |

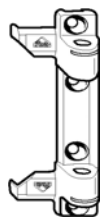
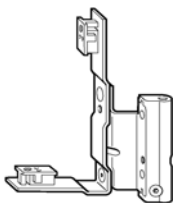
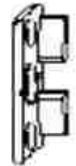
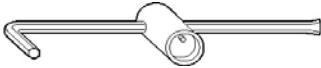
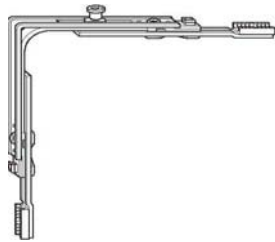
| codice articolo          | descrizione                                                    |                                                                                       |
|--------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 100-7560                 | fungo di trattenimento                                         |    |
| 100-7561                 | nottolini supplementari                                        |    |
| 104-600.01               | espansore di regolazione e fissaggio                           |    |
| 104-600.98<br>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 |  |

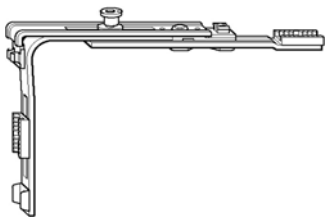
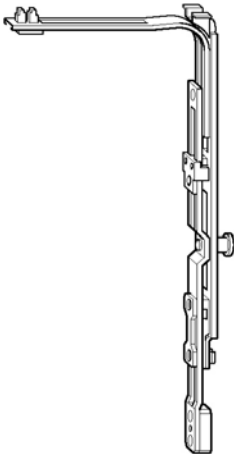
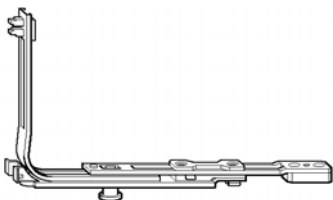
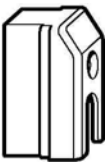
| codice articolo | descrizione                                                    |                                                                                     | codice articolo | descrizione                                  |                                                                                       |
|-----------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|----------------------------------------------|---------------------------------------------------------------------------------------|
| 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         |  |

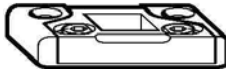
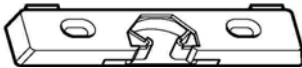
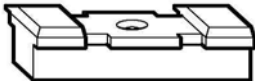
| codice articolo | descrizione                                   |                                                                                     |
|-----------------|-----------------------------------------------|-------------------------------------------------------------------------------------|
| 170-892100115   | collante monocomp. per incollaggio squadrette |    |
| 234-0052        | maniglia ottonata "Giulia" 7x41               |    |
| 234-0052P       | doppia maniglia "Giulia" rosetta ovale        |    |
| 605-0427        | Squadretta a scatto Montebianco               |  |
|                 |                                               |                                                                                     |
|                 |                                               |                                                                                     |
|                 |                                               |                                                                                     |

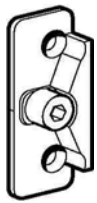
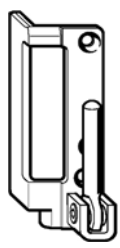
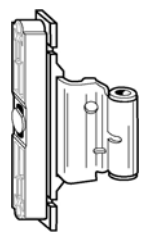
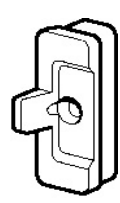
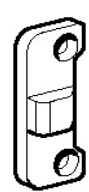
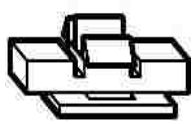
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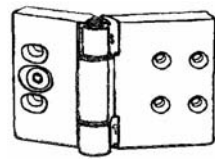
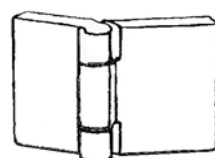
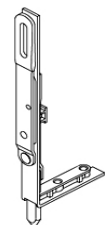
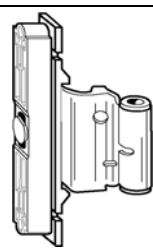
| codice articolo | descrizione                                 |                                                                                     |
|-----------------|---------------------------------------------|-------------------------------------------------------------------------------------|
| 167-209839      | attrezzo multi uso                          |    |
| 167-212720      | copertura ottonata cerniera angolare dx     |    |
| 167-212721      | copertura ottonata cerniera angolare sx     |                                                                                     |
| 167-227354      | perno supporto articolazione                |    |
| 167-230245      | copertura ottonata articolazione A          |  |
| 167-230323      | copertura ottonata supporto articolazione A |  |
| 167-331488      | guida per finta articolazione               |  |
| 167-230639      | finta articolazione sx                      |  |
| 167-230640      | finta articolazione dx                      |                                                                                     |

| codice articolo | descrizione                            |                                                                                       |
|-----------------|----------------------------------------|---------------------------------------------------------------------------------------|
| 167-245714      | supporto articolazione A               |    |
| 167-245760      | cerniera angolare inferiore dx         |    |
| 167-250828      | cerniera angolare inferiore sx         |                                                                                       |
| 167-350401      | piastrino di collegamento              |    |
| 167-257600      | incontro falsa manovra per asta a leva |  |
| 167-258191      | chiave di regolazione                  |  |
| 167-350403      | slitta alza anta                       |  |
| 167-260272      | movimento angolare superiore           |  |

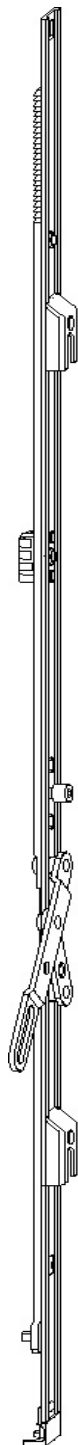
| codice articolo | descrizione                                  |                                                                                     |
|-----------------|----------------------------------------------|-------------------------------------------------------------------------------------|
| 167-260282      | movimento angolare speciale corto            |    |
| 167-260284      | movimento angolare V per guida articolazione |    |
| 167-260288      | movimento angolare anta ribalta              |  |
| 167-260359      | incontro nottolino per cava euro             |  |
| 167-260360      | incontro nottolino                           |  |
| 167-260382      | incontro di sicurezza sx                     |  |
| 167-260383      | incontro di sicurezza dx                     |                                                                                     |

| codice articolo | descrizione                          |                                                                                       |
|-----------------|--------------------------------------|---------------------------------------------------------------------------------------|
| 167-260450      | incontro registrabile per 3° anta    |    |
| 167-260459      | cricchetto                           |    |
| 167-260477      | incontro per cricchetto              |    |
| 167-260478      | spessore per incontro cricchetto     |  |
| 167-260479      | incontro anta ribalta sx             |  |
| 167-260480      | incontro anta ribalta dx             |                                                                                       |
| 167-260538      | dispositivo contro la falsa manovra  |  |
| 167-260539      | incontro falsa manovra per cava euro |  |

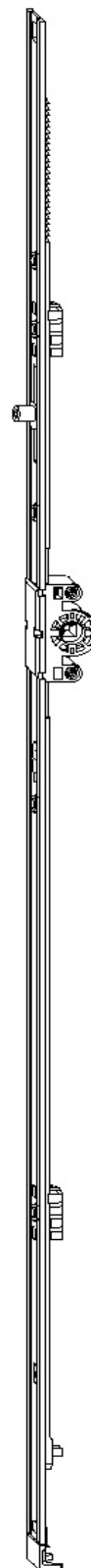
| codice articolo | descrizione                              |                                                                                     |
|-----------------|------------------------------------------|-------------------------------------------------------------------------------------|
| 167-260540      | incontro falsa manovra per anta singola  |    |
| 167-262004      | sostegno angolare A sx                   |    |
| 167-262005      | sostegno angolare A dx                   |                                                                                     |
| 167-264019      | cerniera per vasistas                    |    |
| 167-264211      | chiusura centrale su anta                |  |
| 167-264220      | chiusura centrale su telaio              |  |
| 167-264348      | copertura ottonata sostegno angolare sx  |  |
| 167-264349      | copertura ottonata sostegno angolare dx  |                                                                                     |
| 167-264603      | limitatore per maniglia apertura ad anta |  |

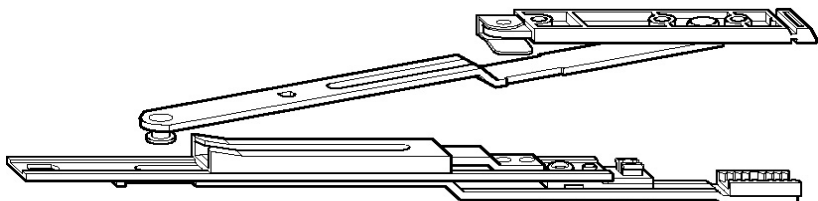
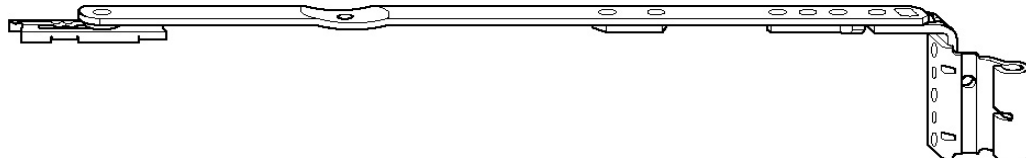
| codice articolo                         | descrizione                                          |                                                                                       |
|-----------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------|
| 167-H28M                                | cerniera per 3° anta                                 |    |
| 167-H15N (bianca)<br>167-H16N (marrone) | copertura cerniere 3° anta                           |    |
| 167-257395                              | catenaccio per portoncini                            |    |
| 167-71464                               | catenaccio per 3° anta da mm. 200                    |  |
| 167-71465                               | catenaccio per 3° anta da mm. 390                    |  |
| 167-264015                              | cerniera centrale regolabile                         |  |
| 167-224770                              | cerniera per portoncini ad apertura interna marrone  |  |
| 167-294825                              | cerniera per portoncini ad apertura interna ottonata |                                                                                       |
| 167-224773                              | cerniera per portoncini ad apertura interna bianca   |                                                                                       |

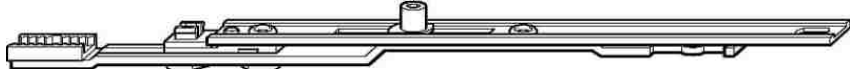
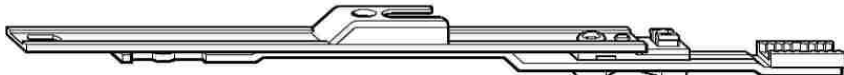
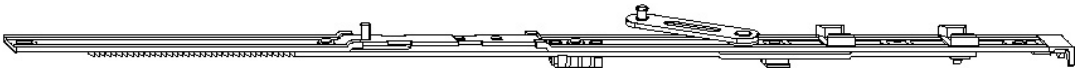
| asta a leva     |                |
|-----------------|----------------|
| codice articolo | altezza H mm.  |
| 167-233408      | da 431 a 600   |
| 167-233409      | da 601 a 800   |
| 167-233410      | da 801 a 1000  |
| 167-233411      | da 1001 a 1200 |
| 167-233412      | da 1201 a 1400 |
| 167-233413      | 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 |

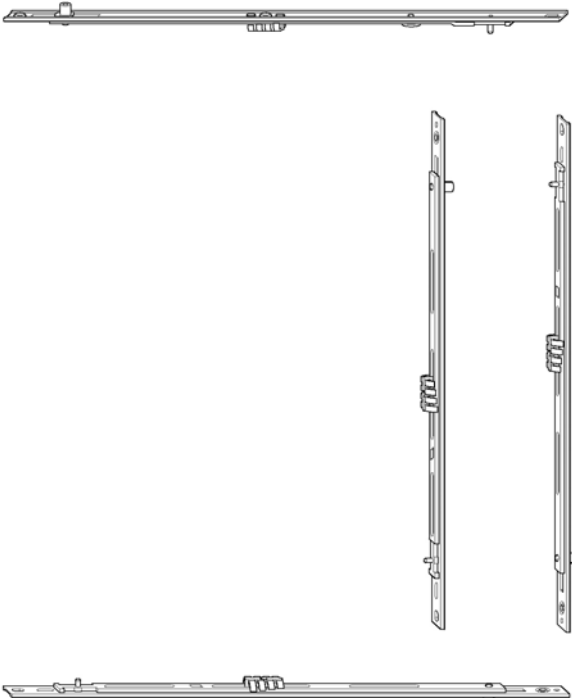


| cremonese per anta ribalta |                |                |
|----------------------------|----------------|----------------|
| codice articolo            | altezza H mm.  | H maniglia mm. |
| 167-284314                 | da 280 a 480   | 120            |
| 167-259830                 | da 481 a 600   | 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           |



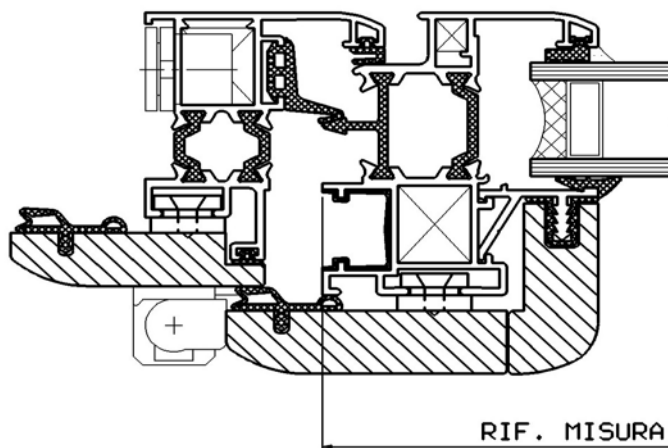
| codice articolo       |                                             | descrizione                 |                                                                                      |
|-----------------------|---------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------|
| 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  |                             |                                                                                      |
| articolazione Gr. 150 |                                             |                             |  |
| codice articolo       | dimensione mm.                              |                             |                                                                                      |
| 167-258060            | da 290 a 410 sx                             |                             |                                                                                      |
| 167-258061            | da 290 a 410 dx                             |                             |                                                                                      |
| articolazione Gr. 250 |                                             |                             |                                                                                      |
| 167-258062            | da 411 a 600 sx                             |                             |                                                                                      |
| 167-258063            | da 411 a 600 dx                             |                             |                                                                                      |
| articolazione Gr. 350 |                                             |                             |                                                                                      |
| 167-258064            | da 601 a 800 sx                             |                             |                                                                                      |
| 167-258065            | da 601 a 800 dx                             |                             |                                                                                      |
| articolazione Gr. 500 |                                             |                             |                                                                                      |
| 167-258042            | da 801 a 1400 sx                            |                             |                                                                                      |
| 167-258043            | da 801 a 1400 dx                            |                             |                                                                                      |

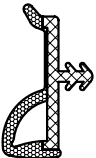
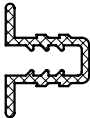
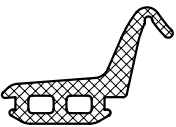
| cremonese per vasistas |                                     |    |
|------------------------|-------------------------------------|--------------------------------------------------------------------------------------|
| codice articolo        | dimensione mm.                      |                                                                                      |
| 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 |                                                                                      |
| guida articolazione    |                                     |  |
| 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                      |                                                                                      |

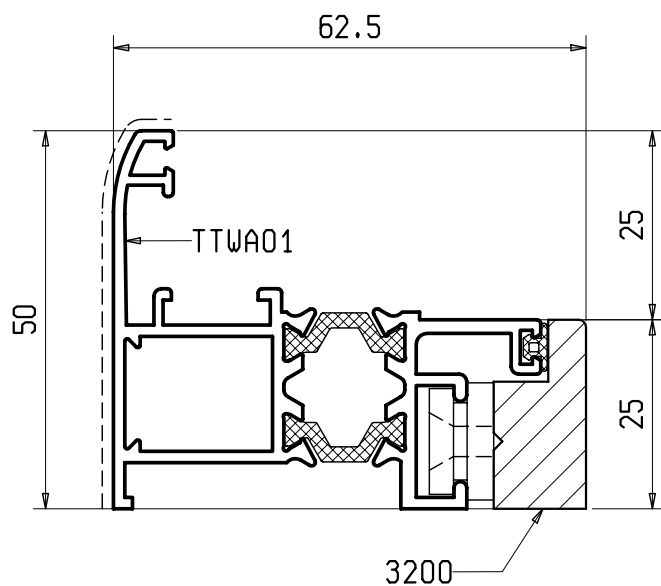
| chiusure supplementari<br>verticali e orizzontali |                                                         |    |
|---------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------|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

**N.B.**

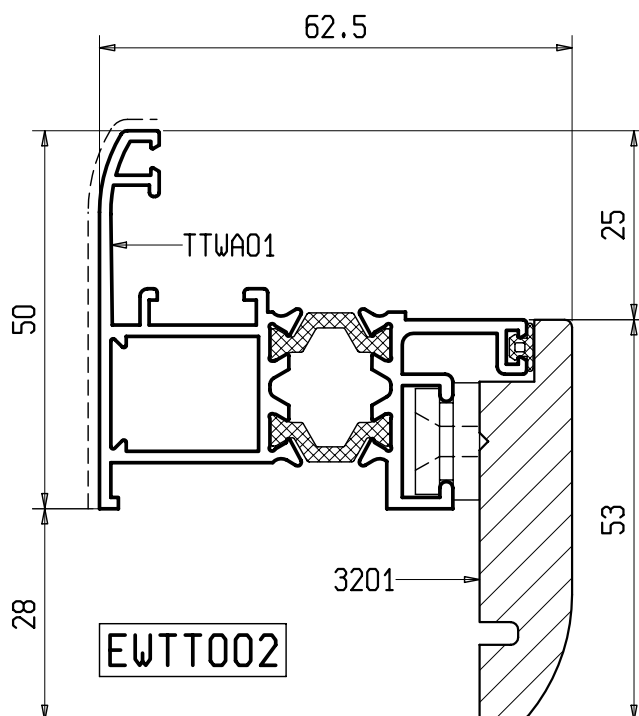
Il riferimento delle misure è da considerarsi dalla cava esterna dell' alloggio accessori



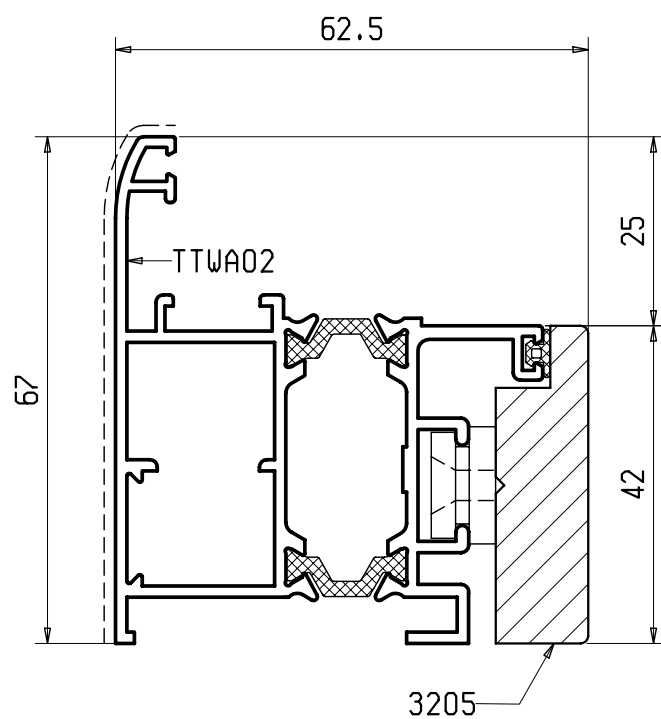
|                                                                                                                                                                                                                                                                                                           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



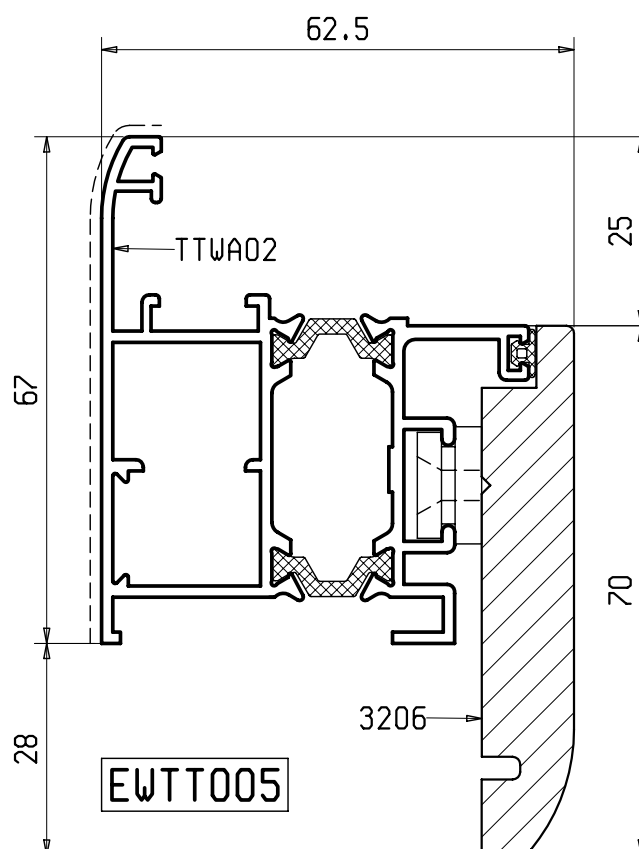
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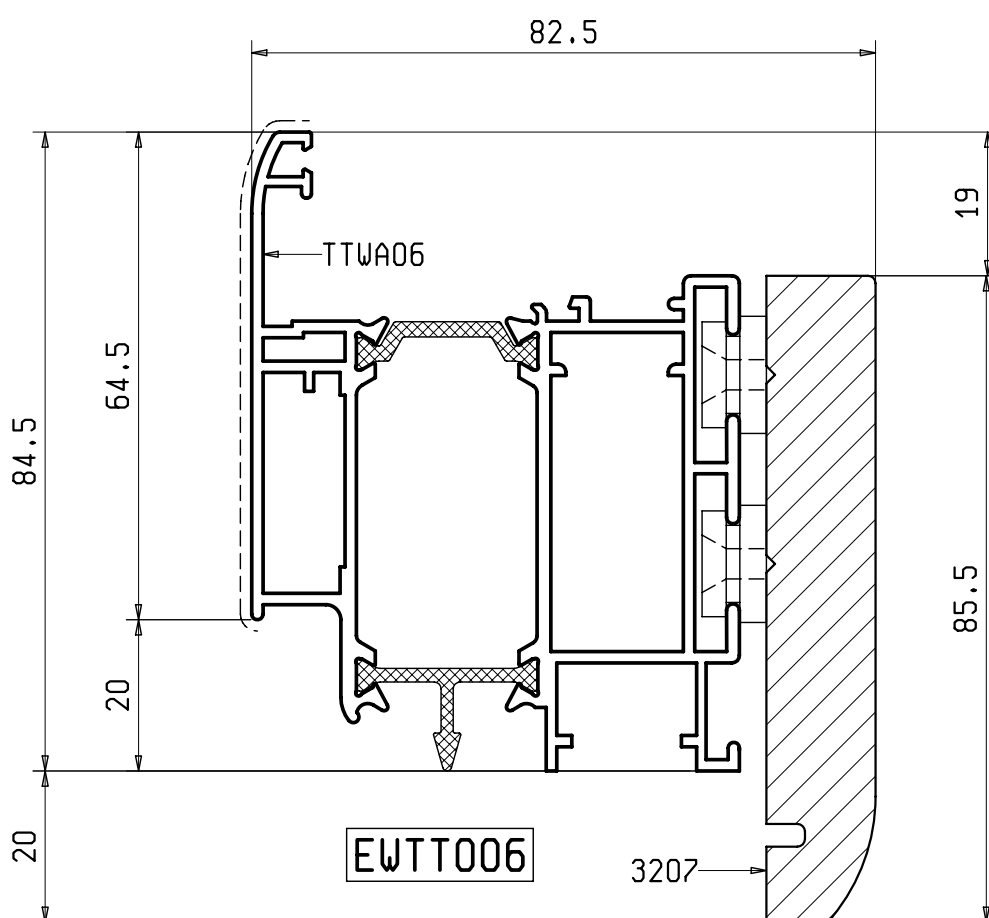
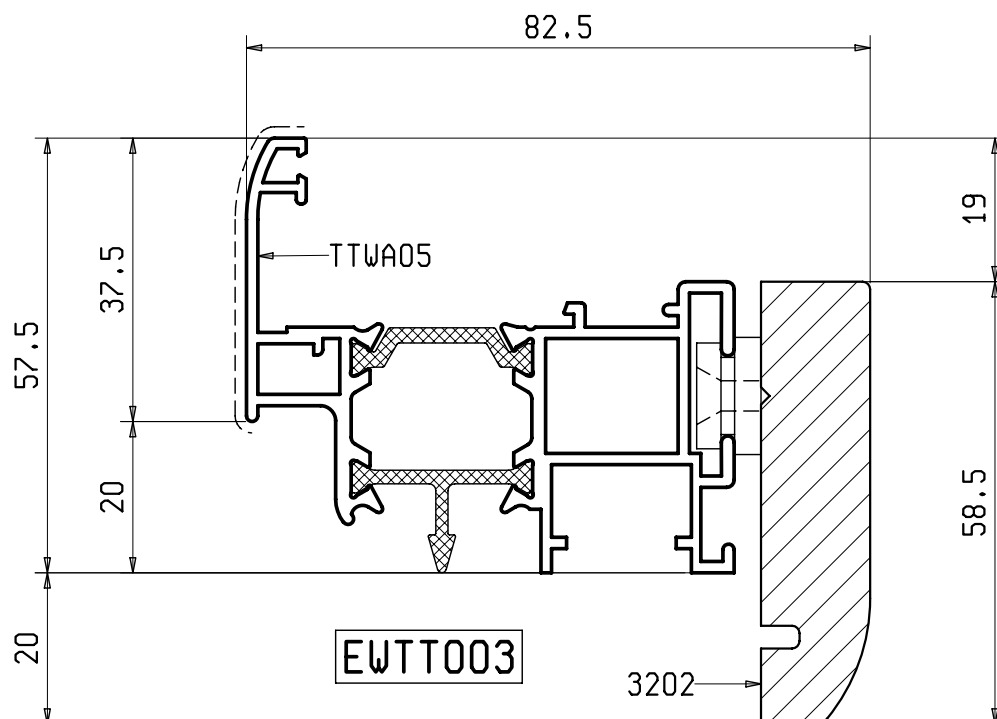
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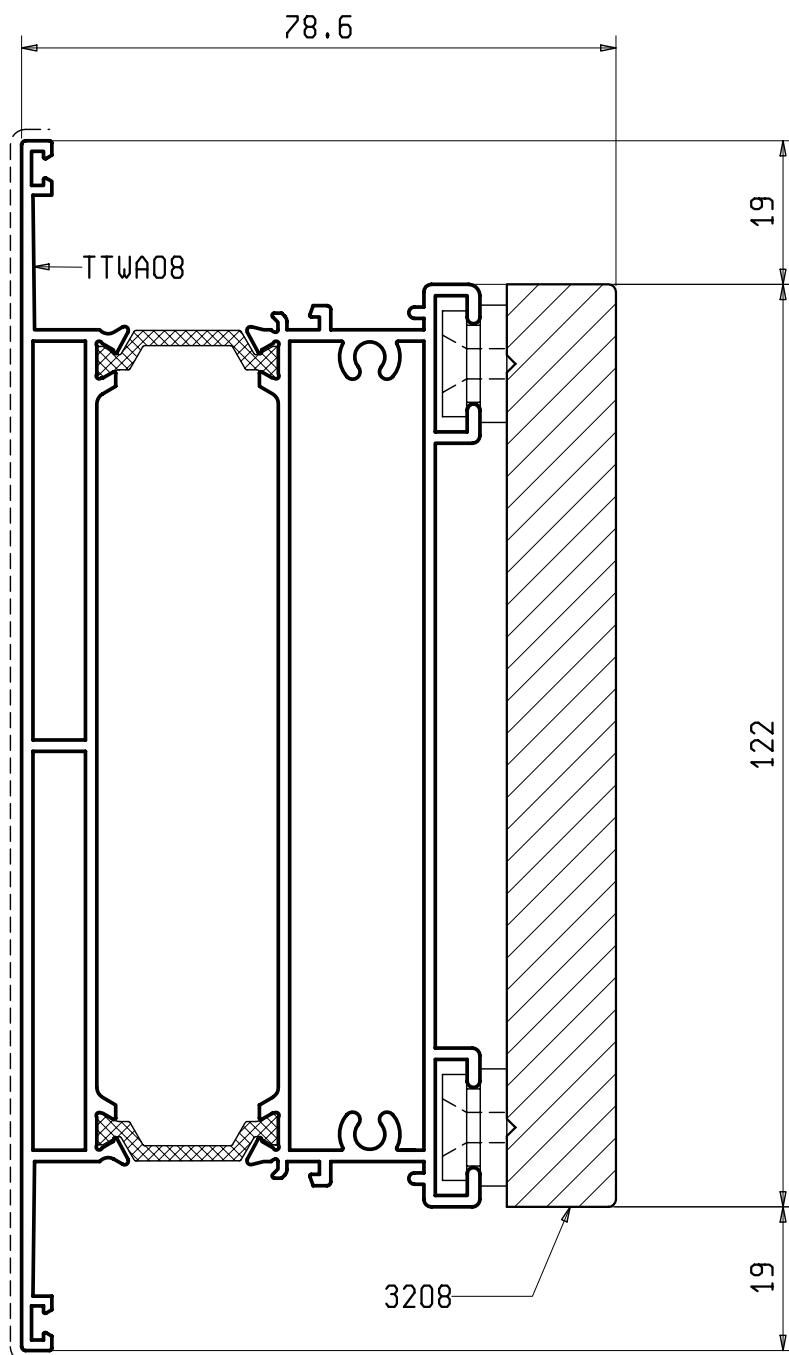


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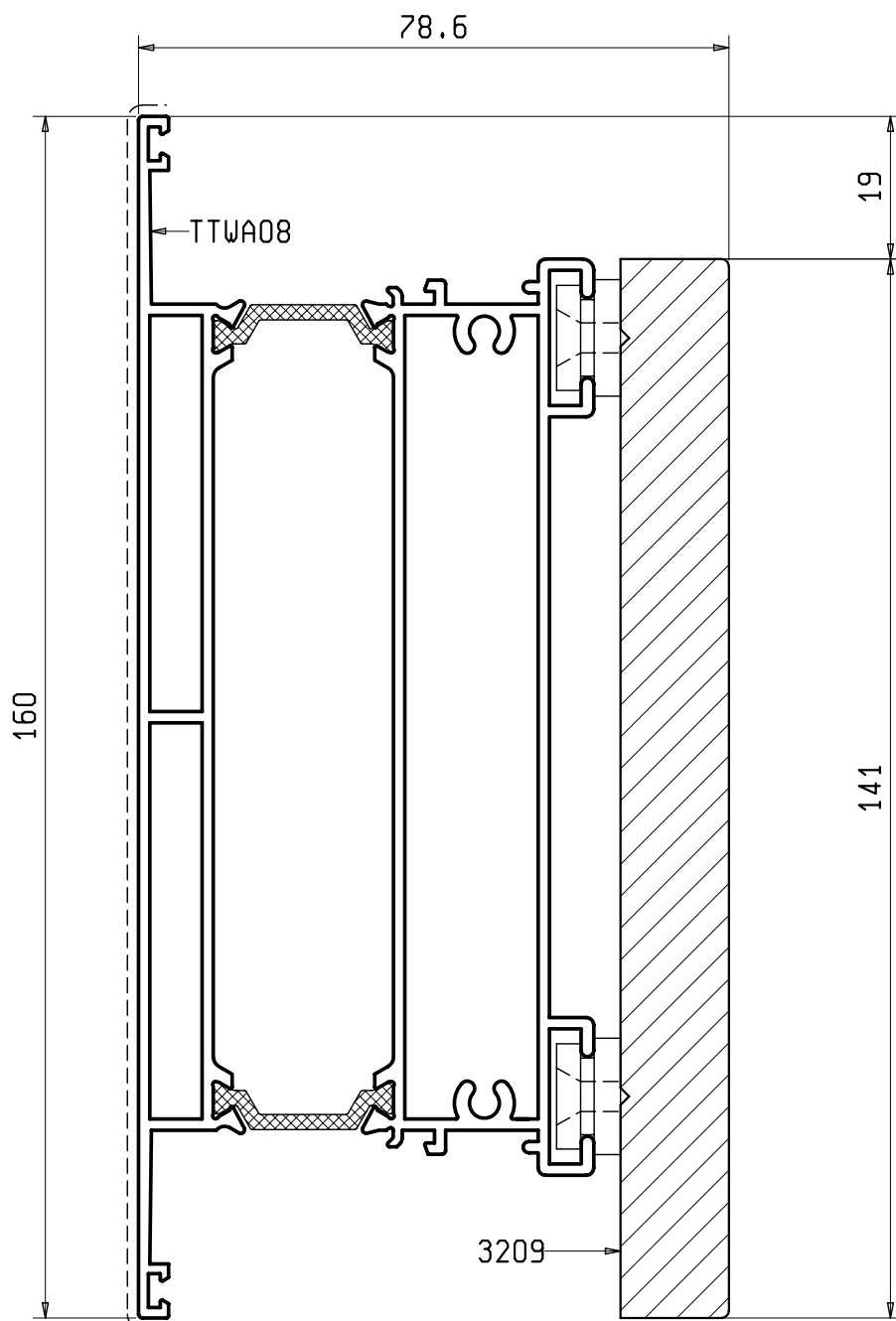


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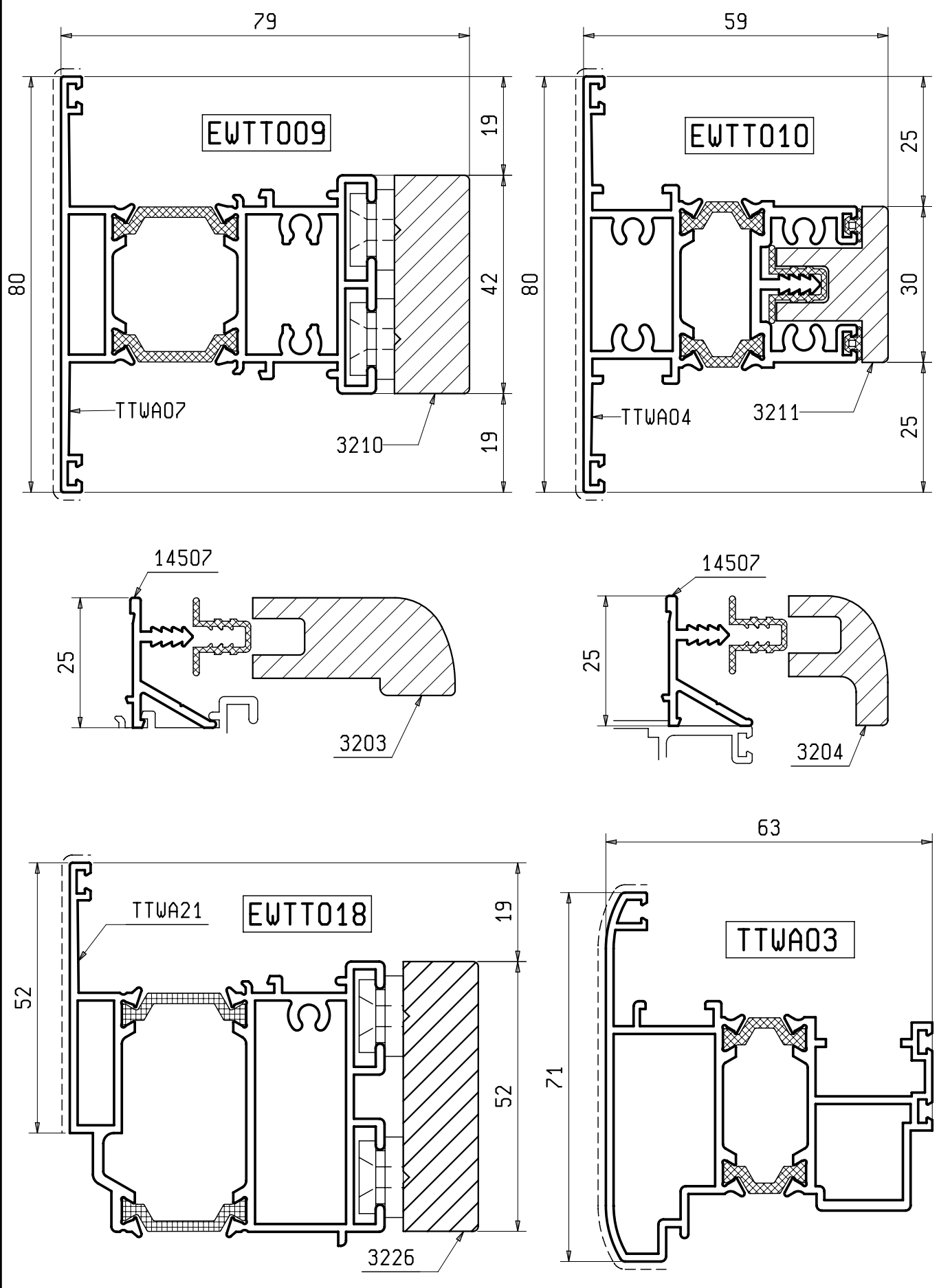


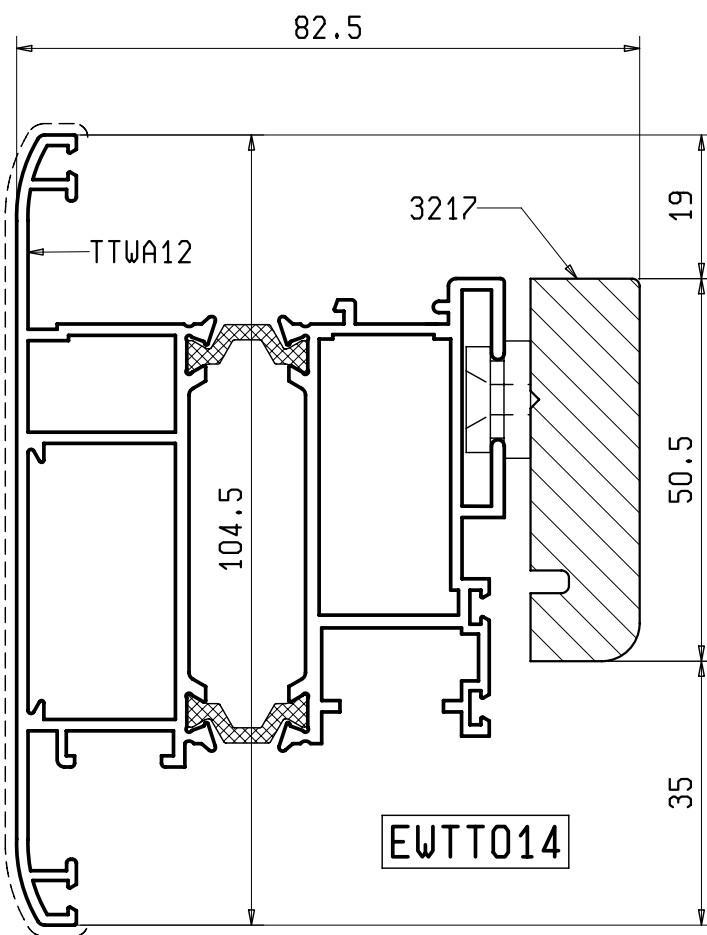
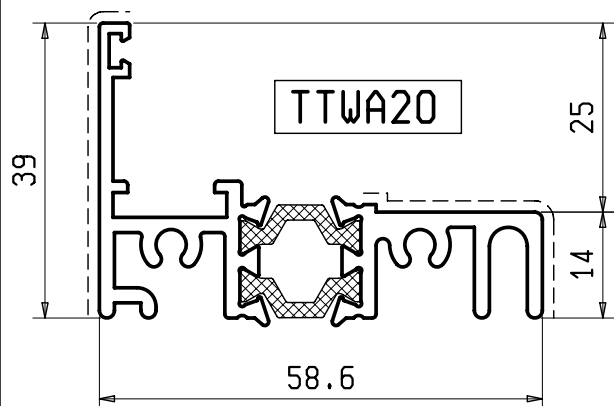
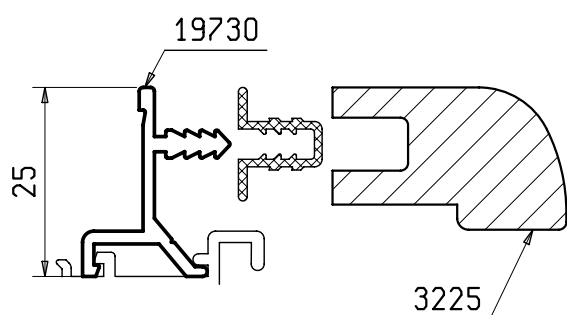
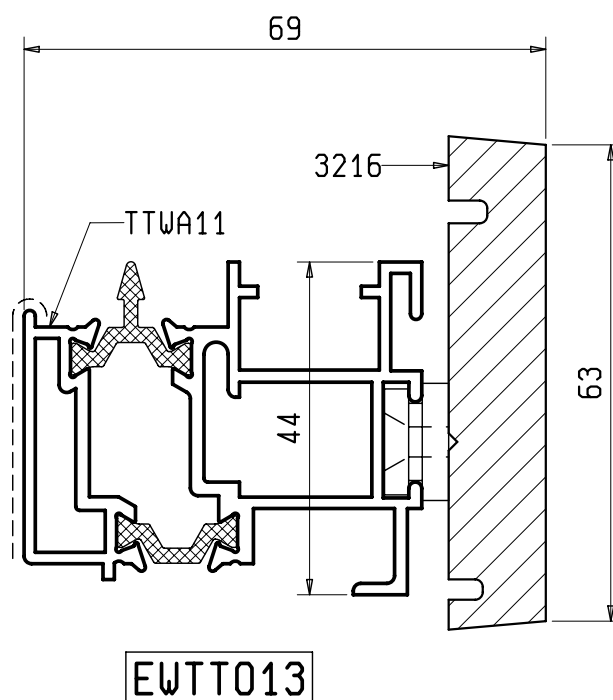
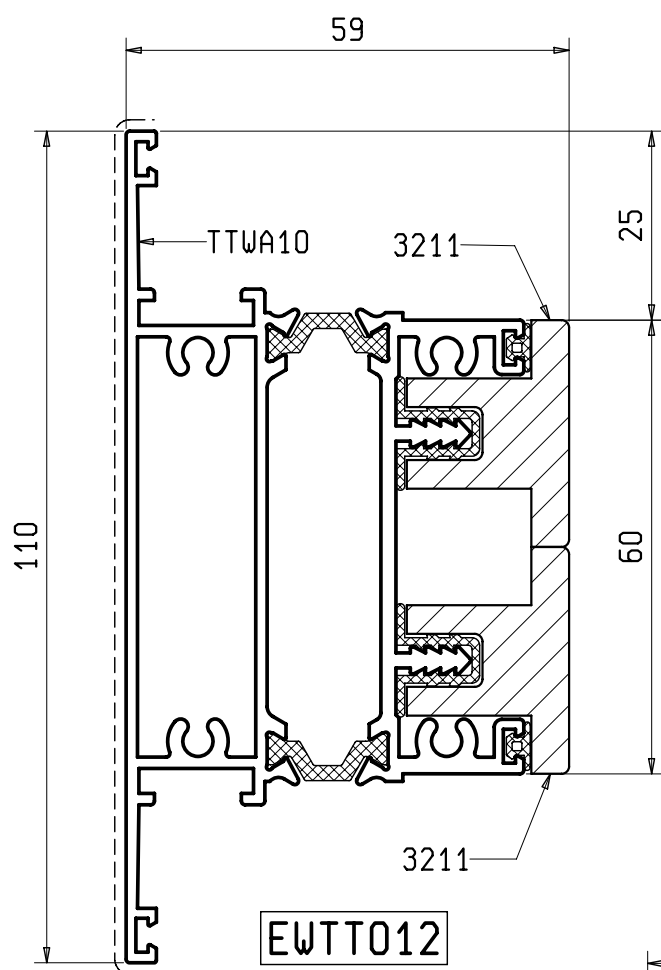


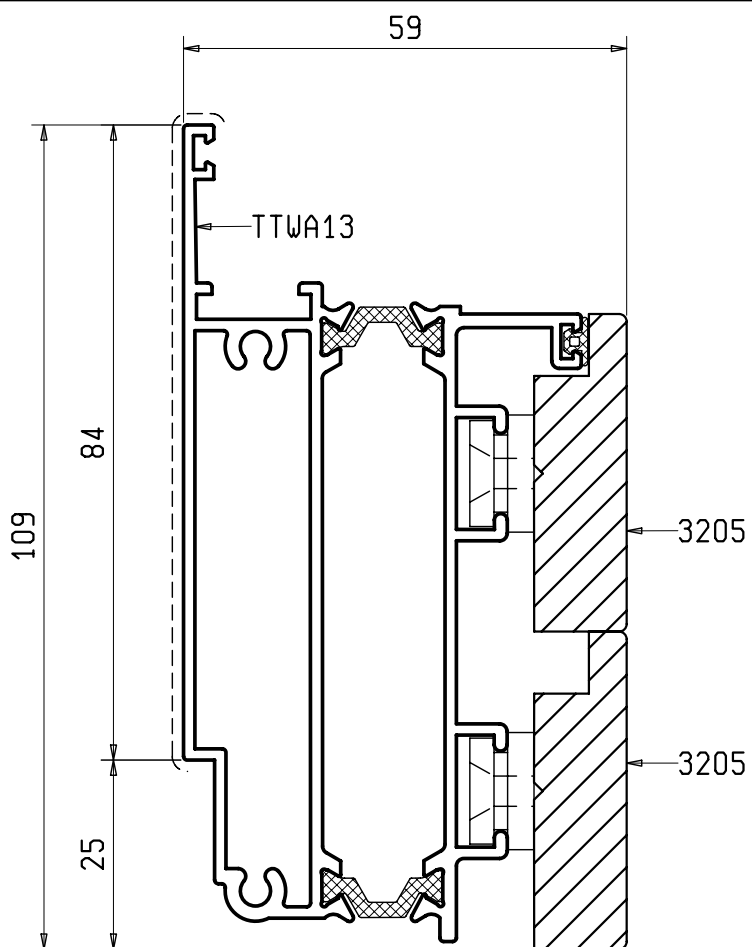
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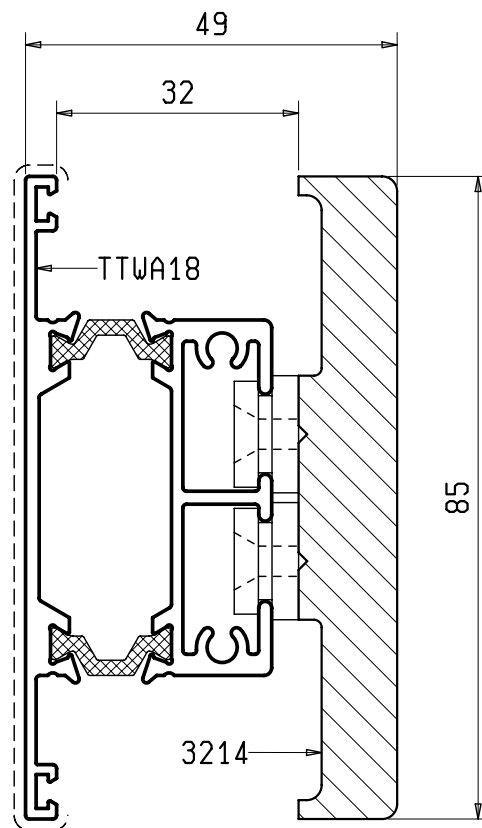
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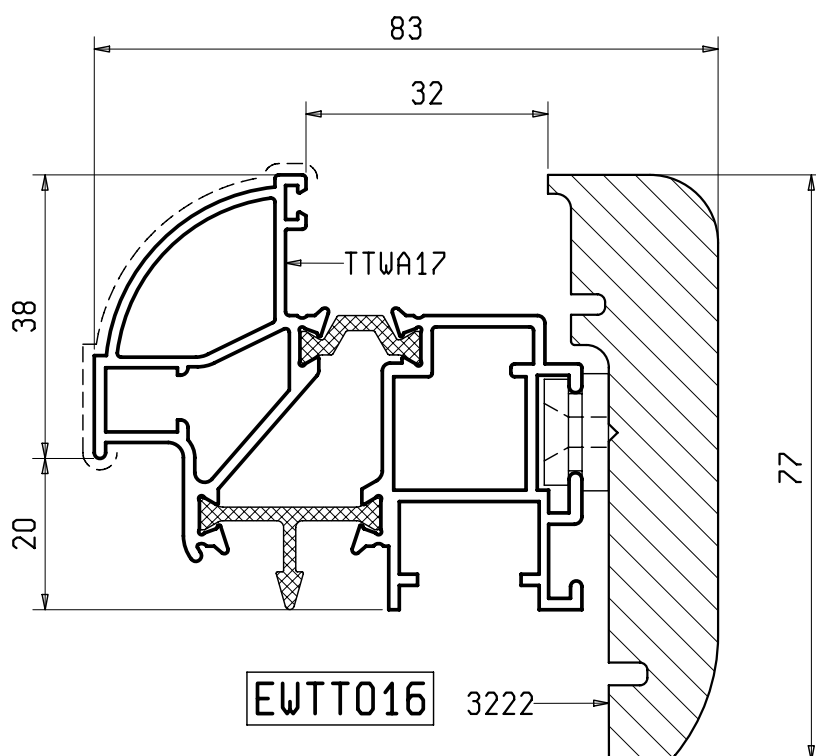




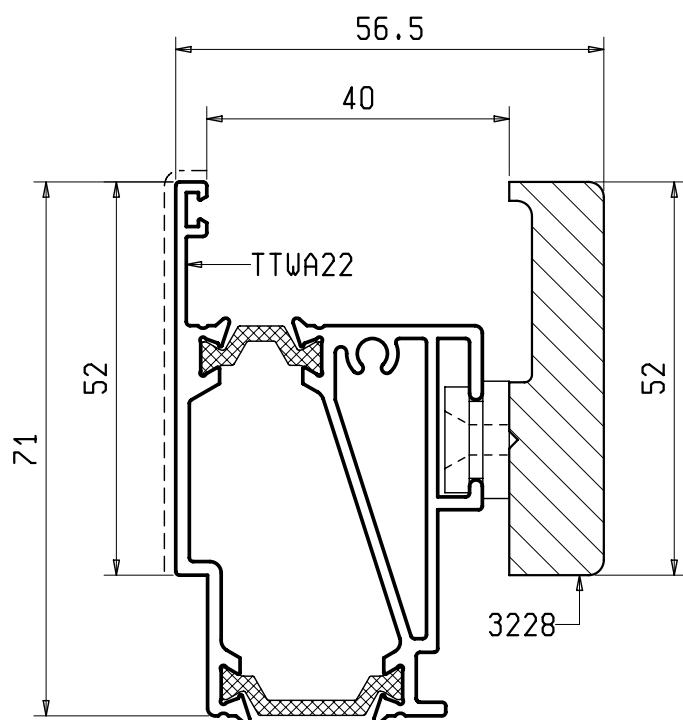
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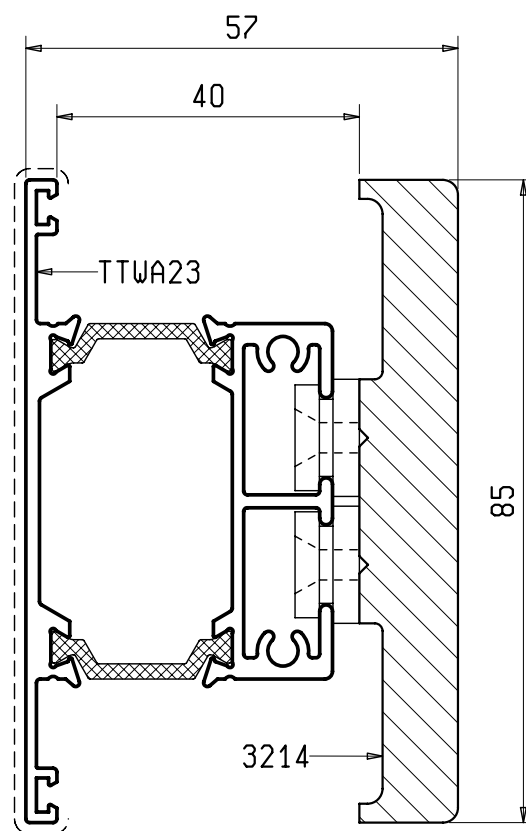
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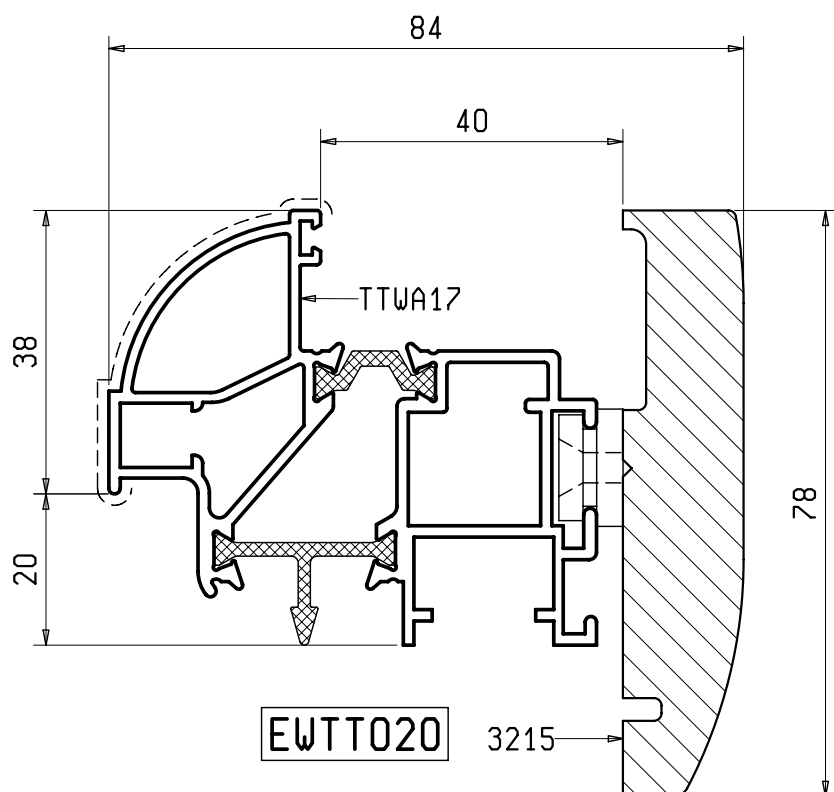
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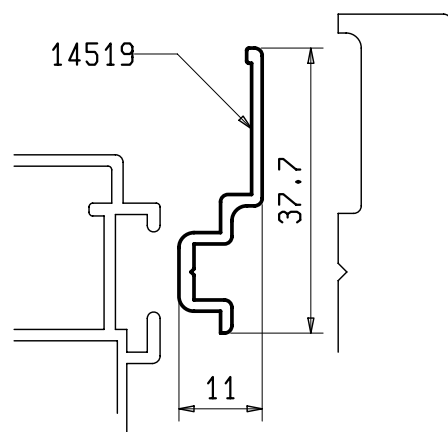
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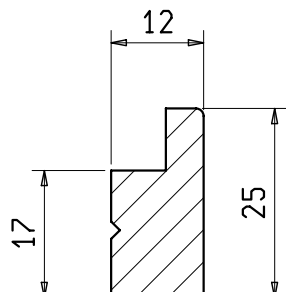
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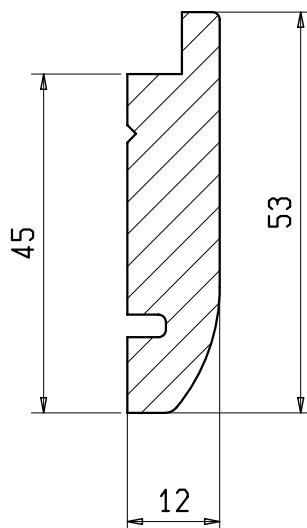
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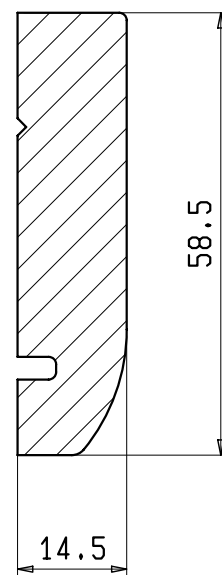
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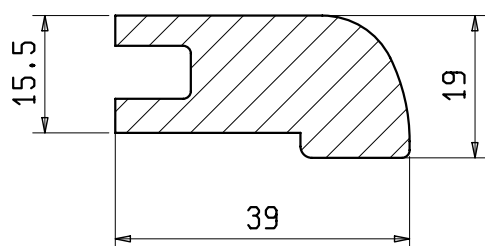
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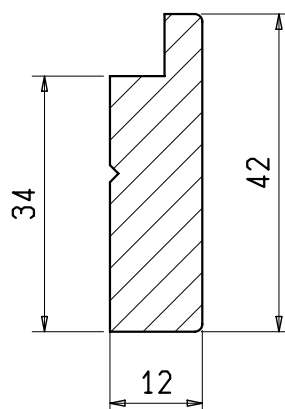
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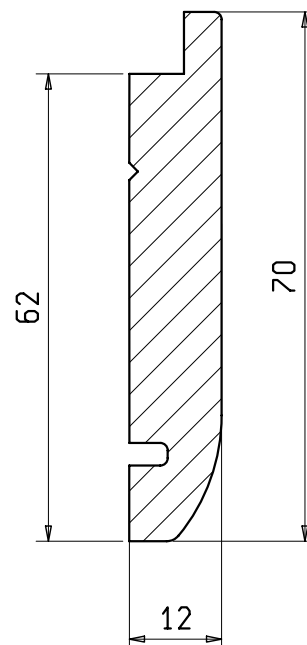
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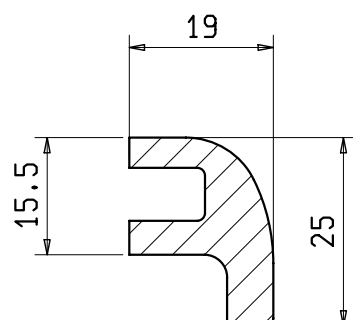
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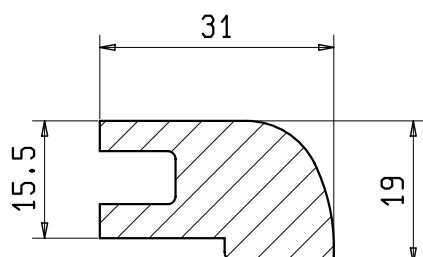
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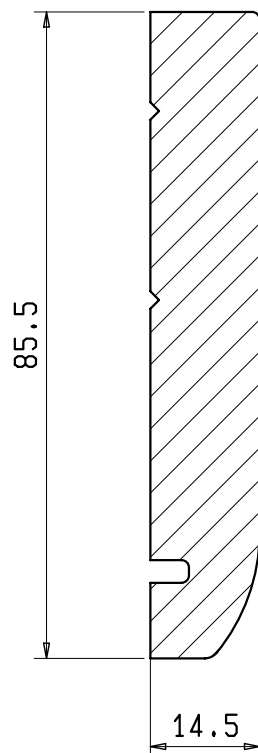
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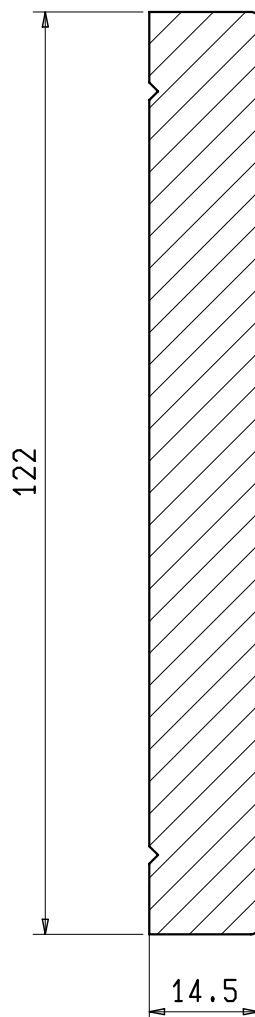
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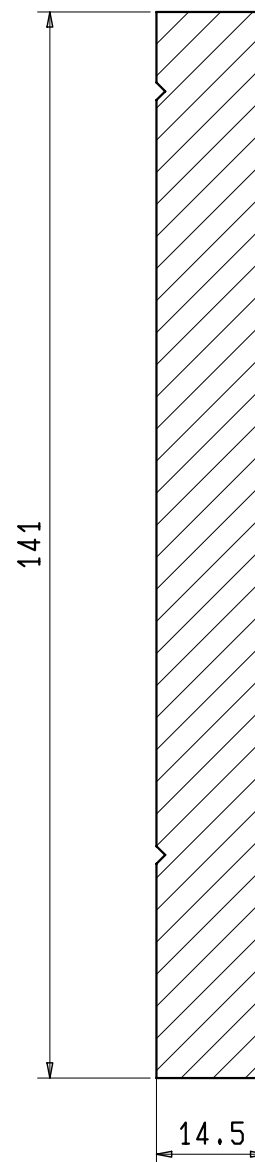
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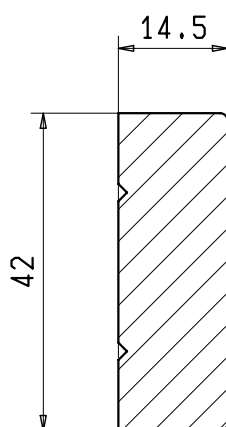
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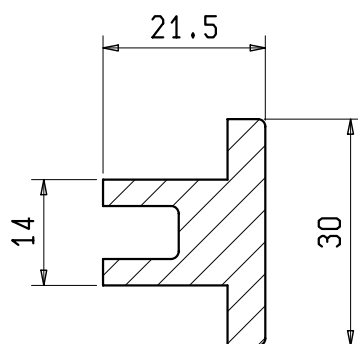
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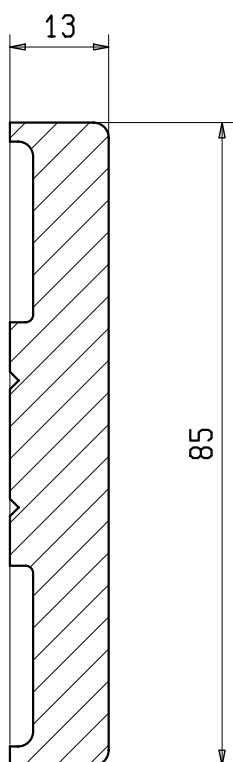


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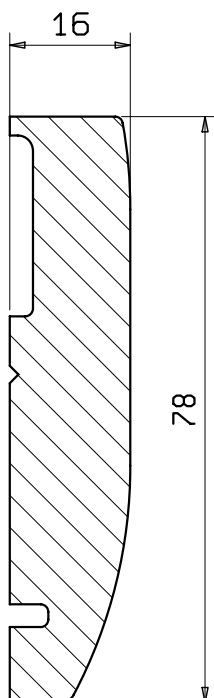


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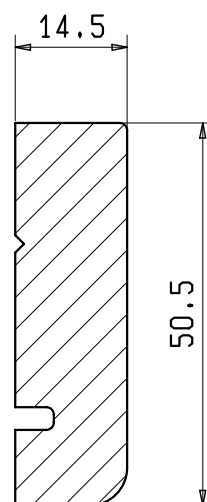


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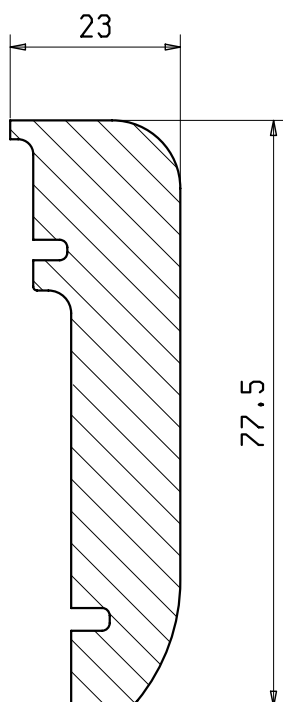
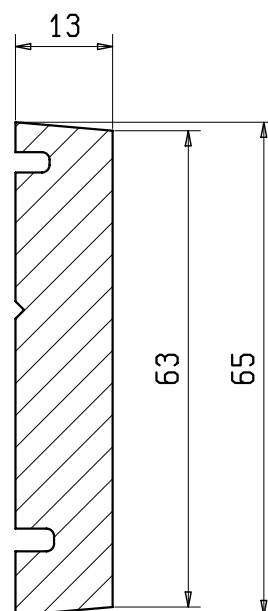


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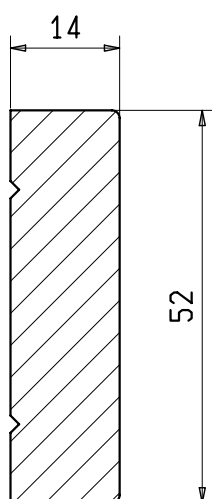
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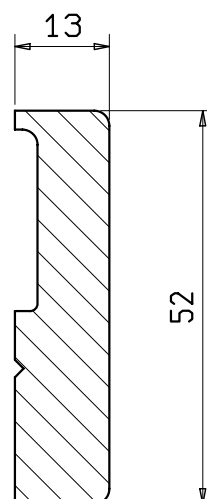


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3228



**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 selectioned 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.

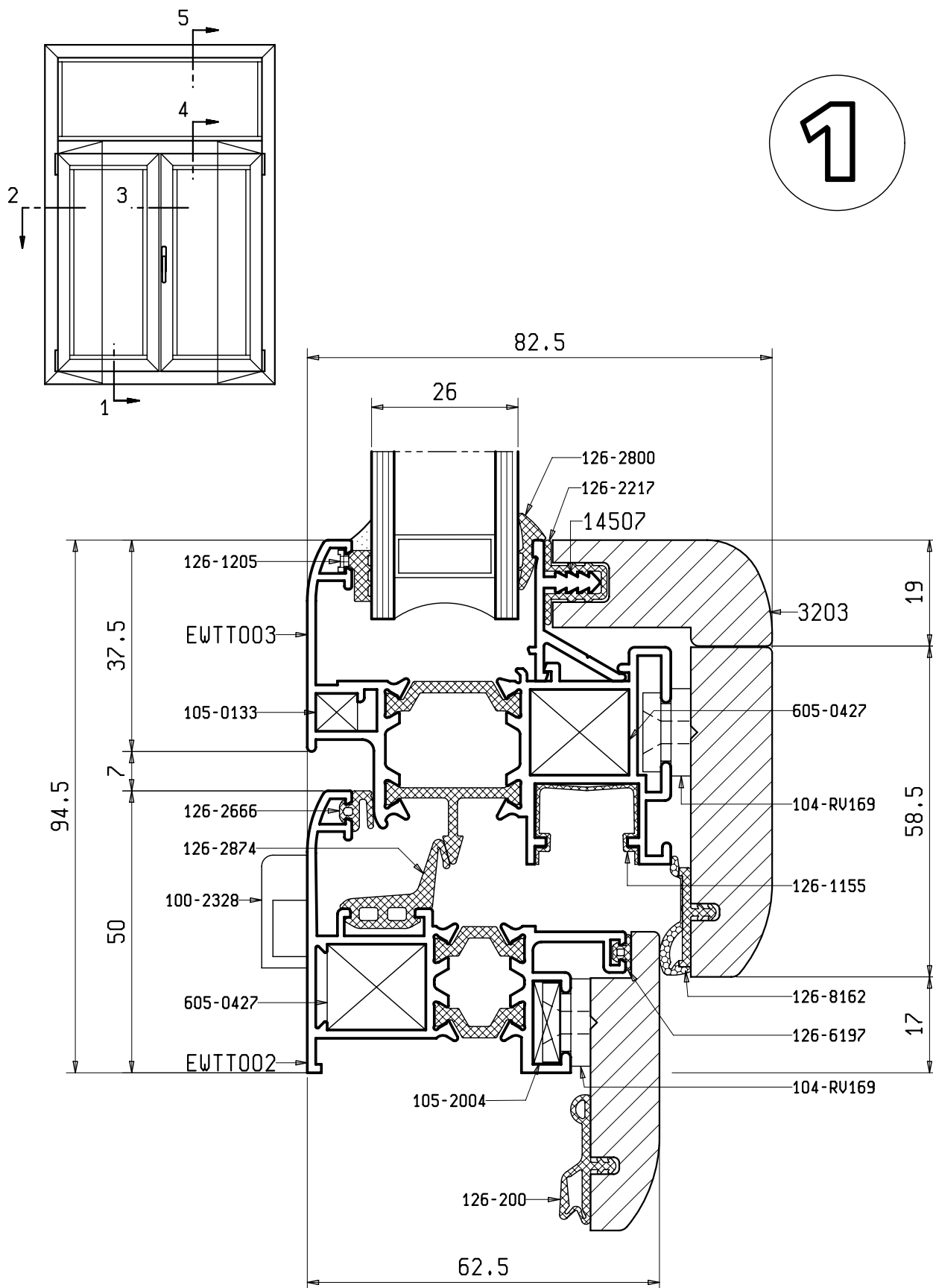
**Identification mark:**

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.

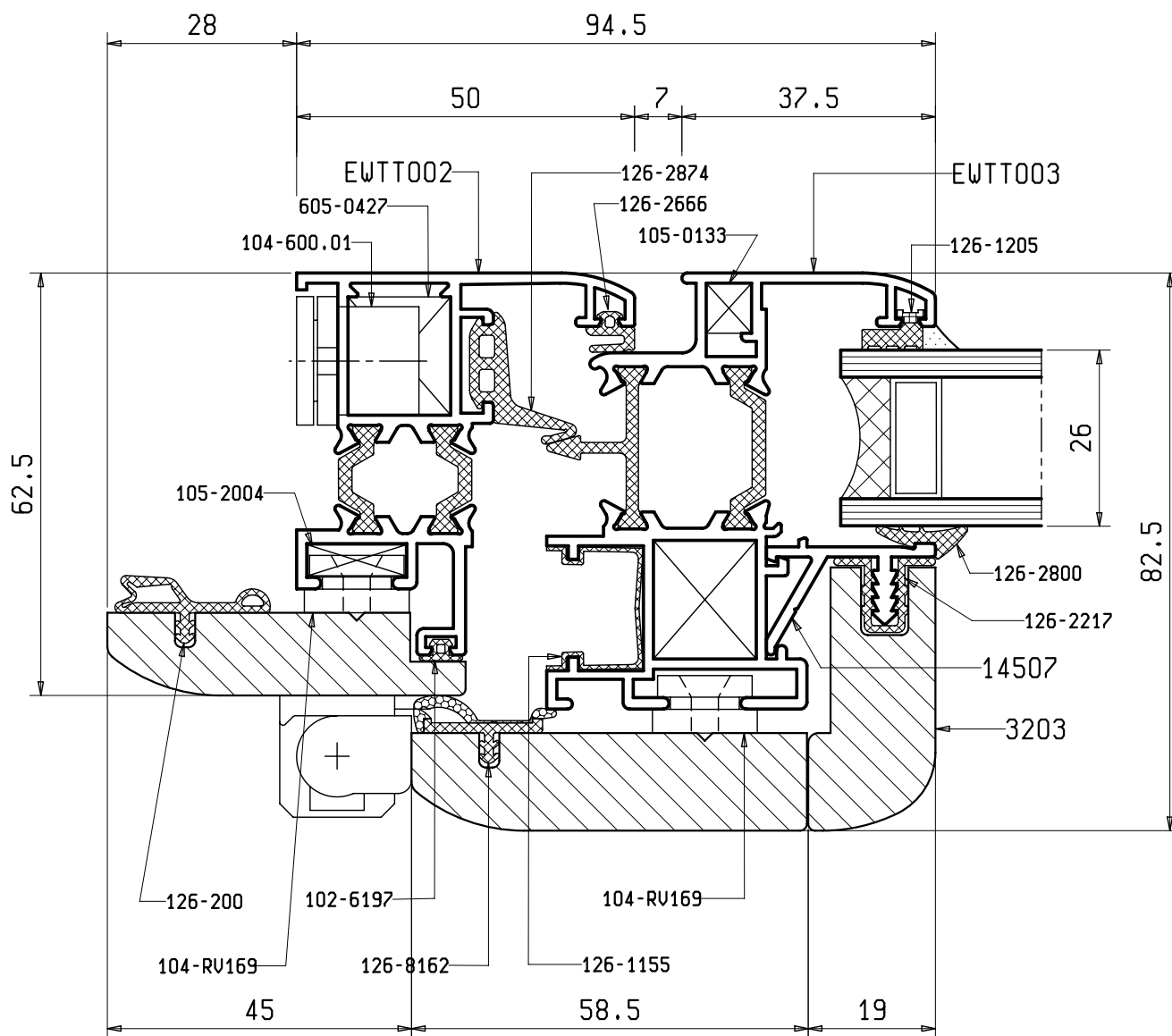
**packaging:**

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.

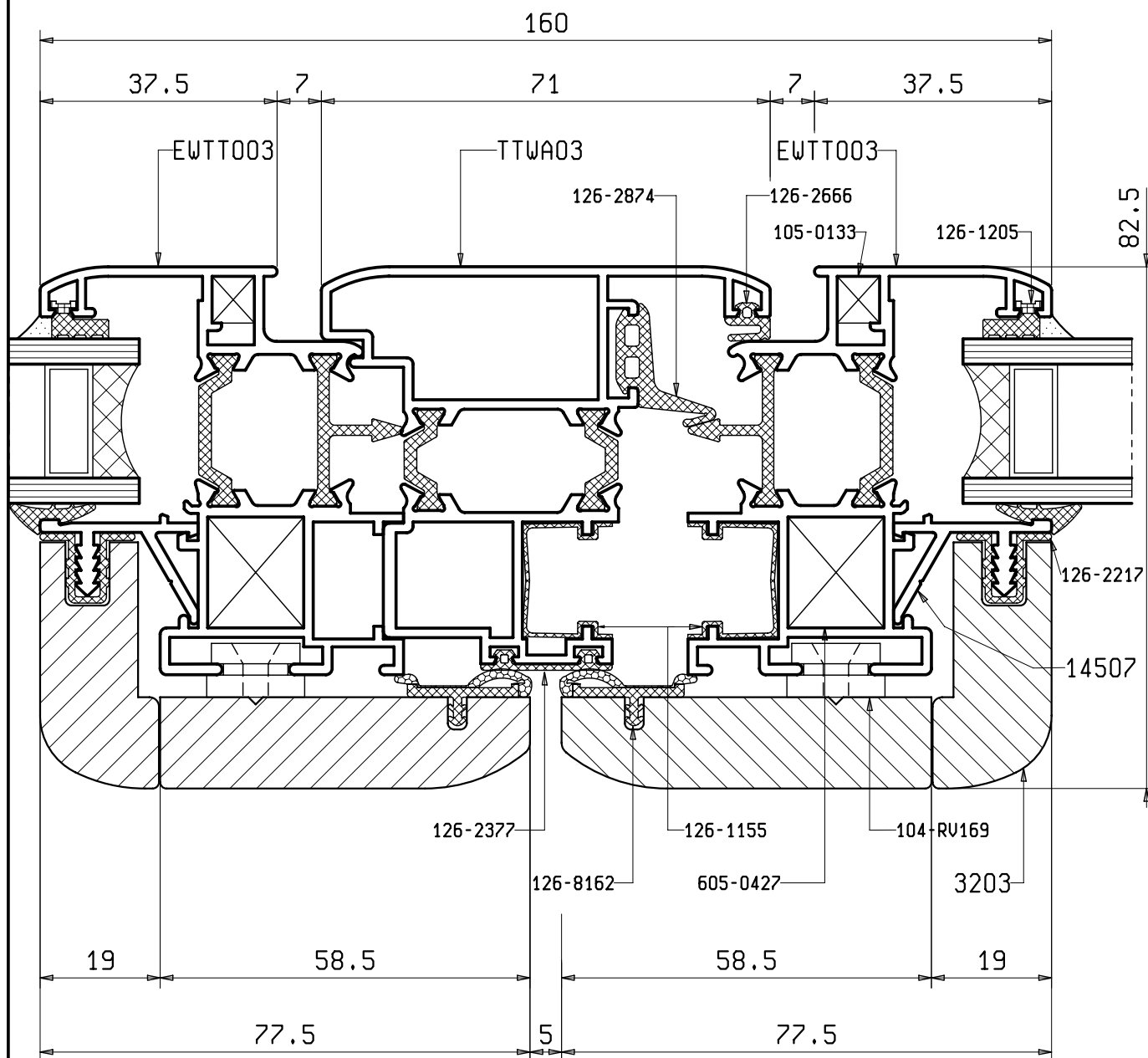
In any case, regarding any technical applicability concerning wooden items to be used, reference is made to UNI 8938, as well as UNI 2853-2854-3917-4390-8662/1-8789-8940 concerning wooden nomenclature, wood characteristics, sawing and wood treatments and reference to UNI EN 942 for wooden quality classification



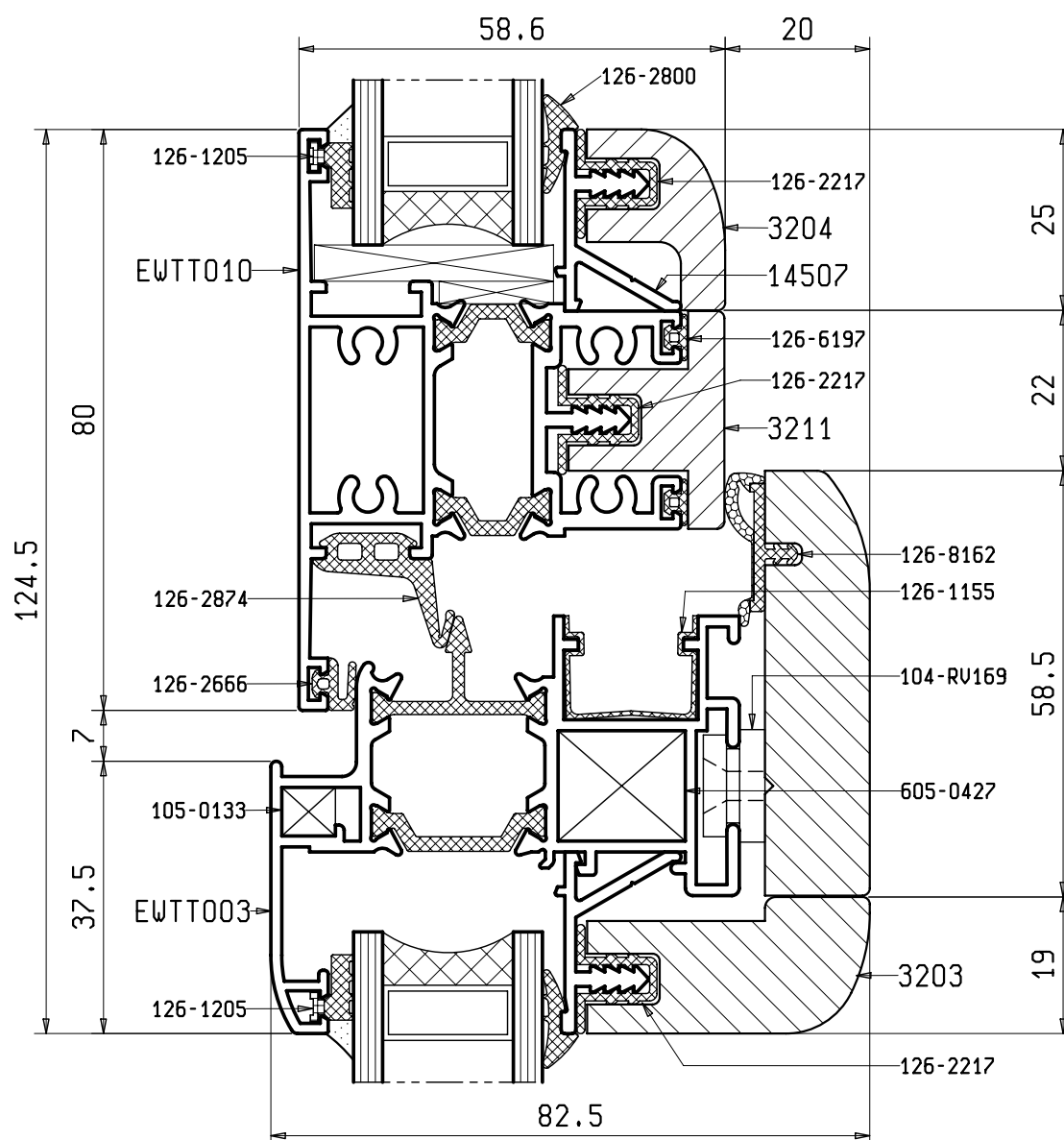
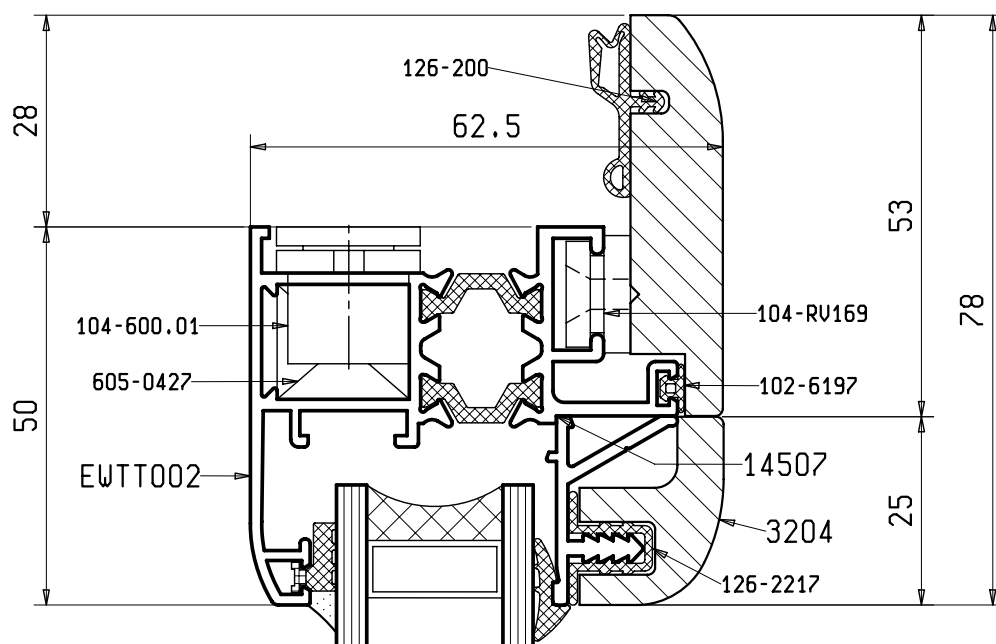
2



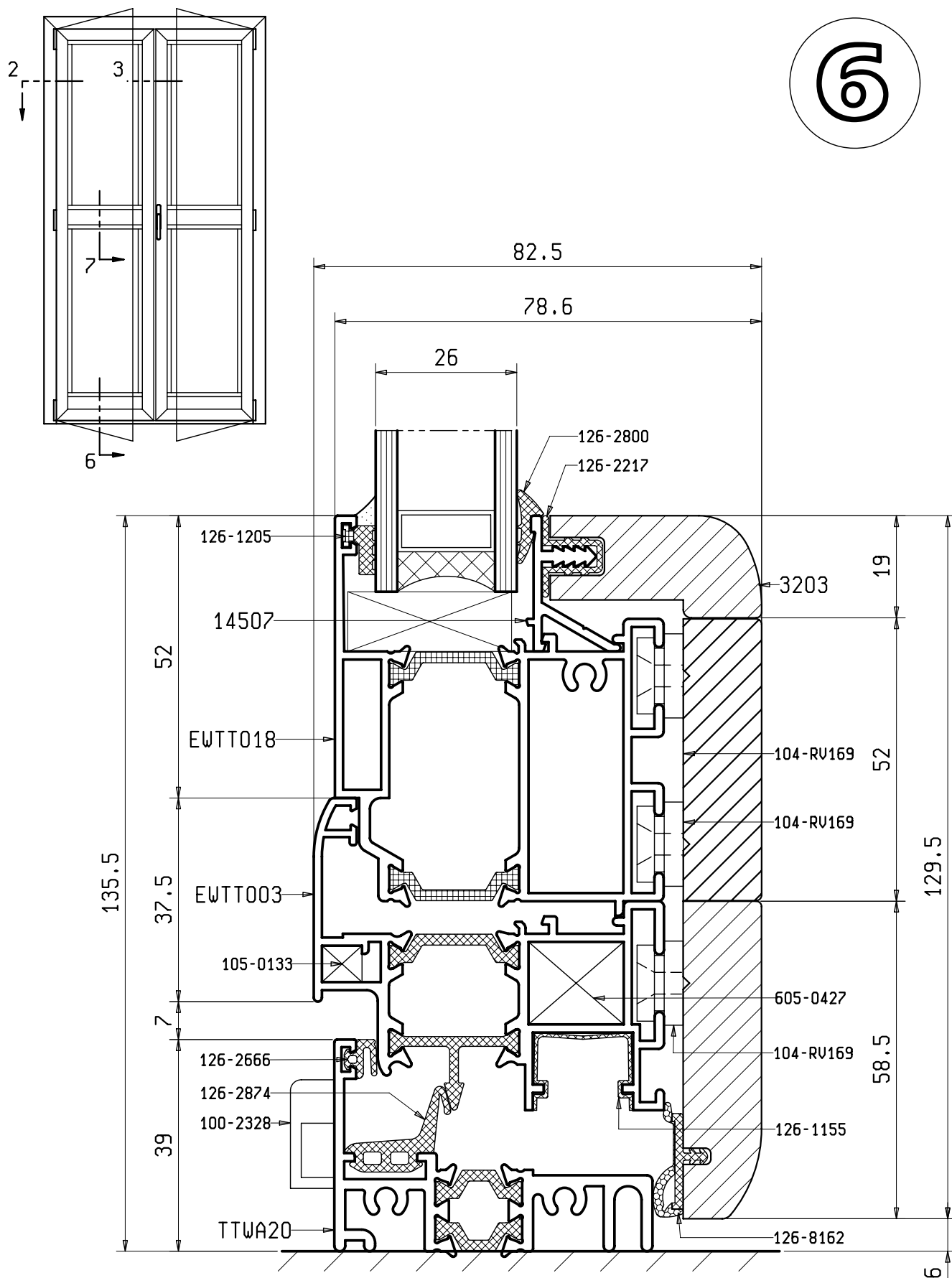
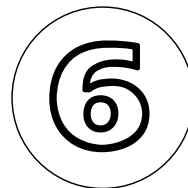
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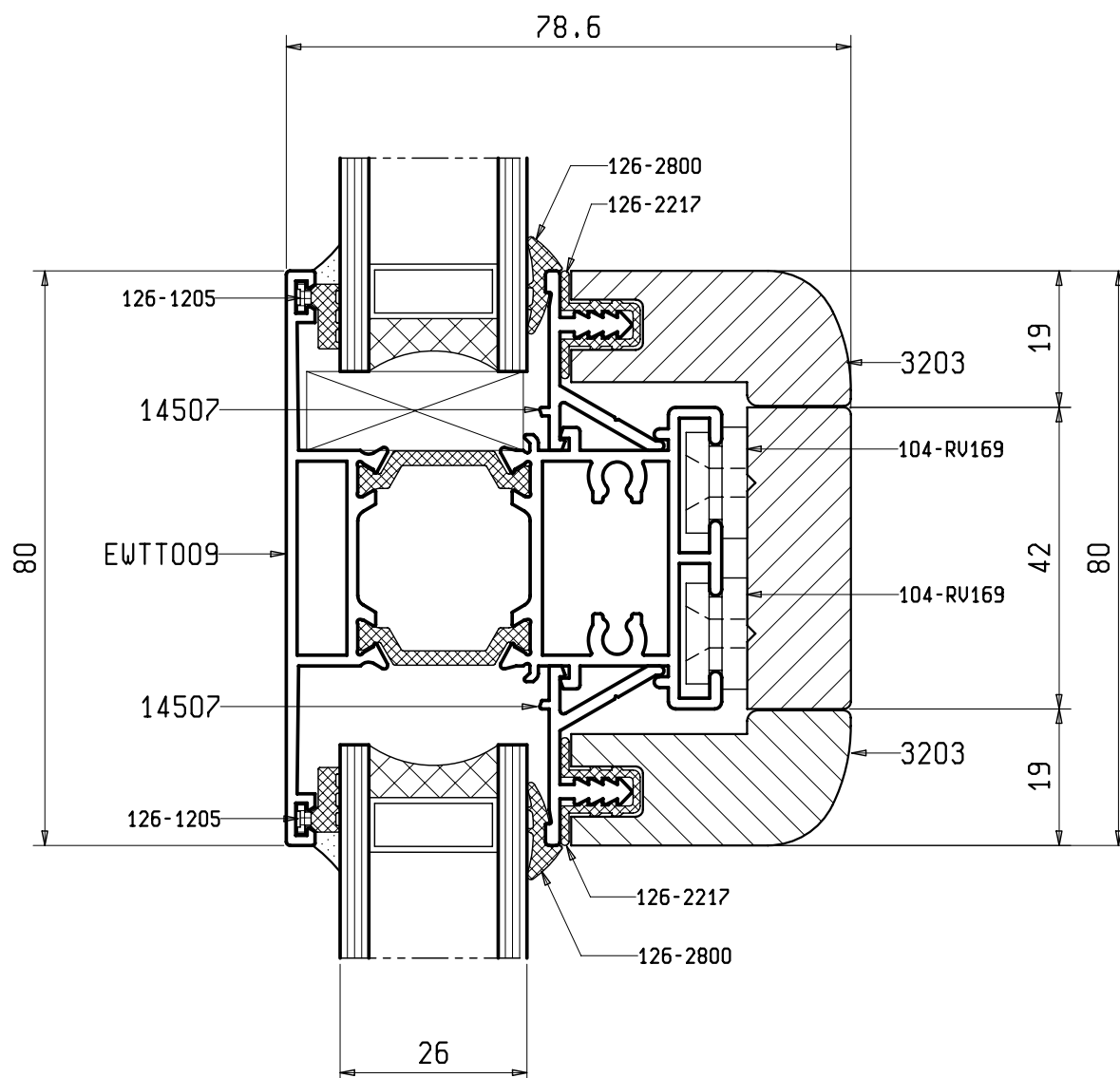


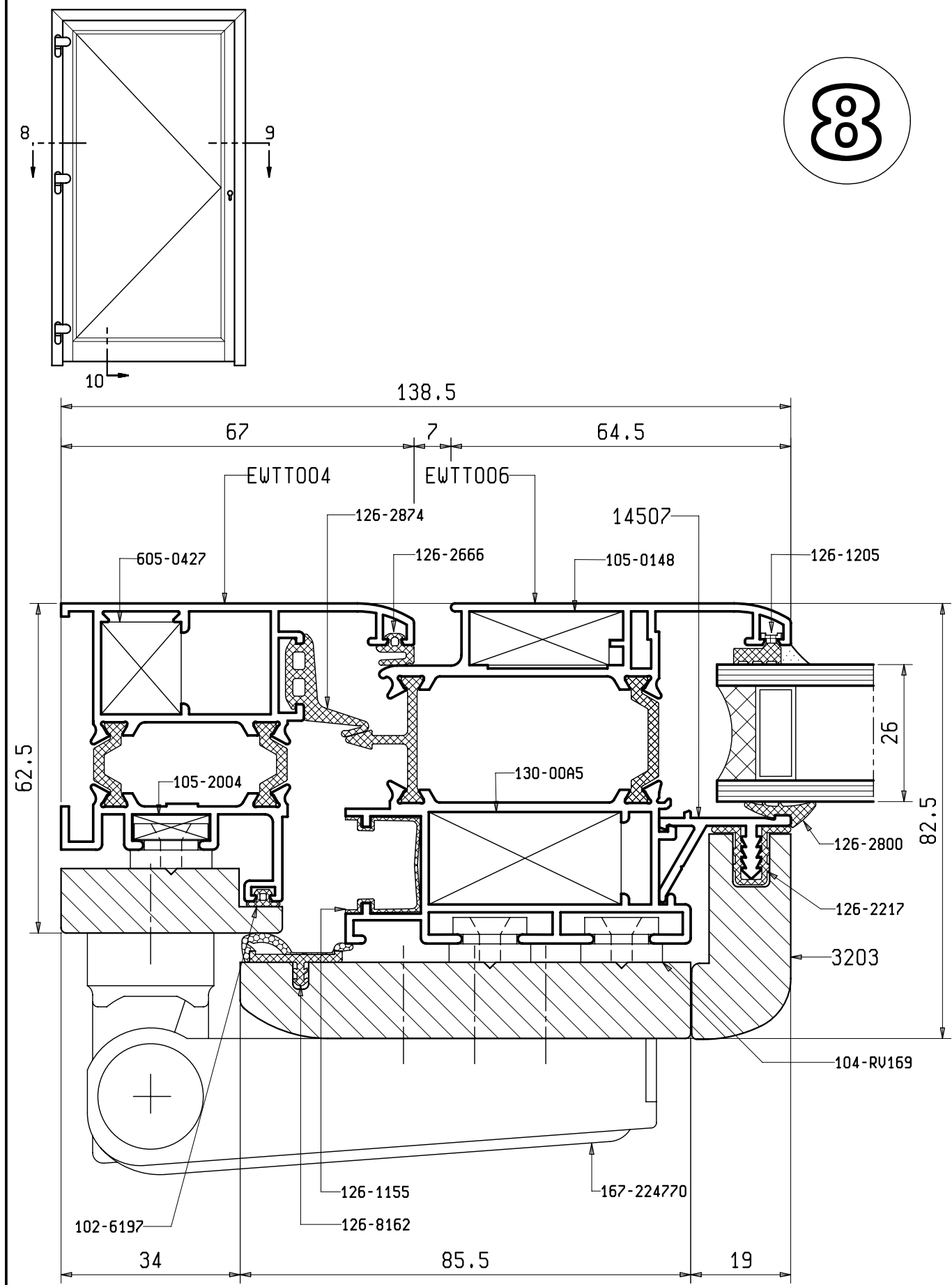
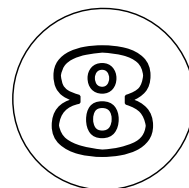
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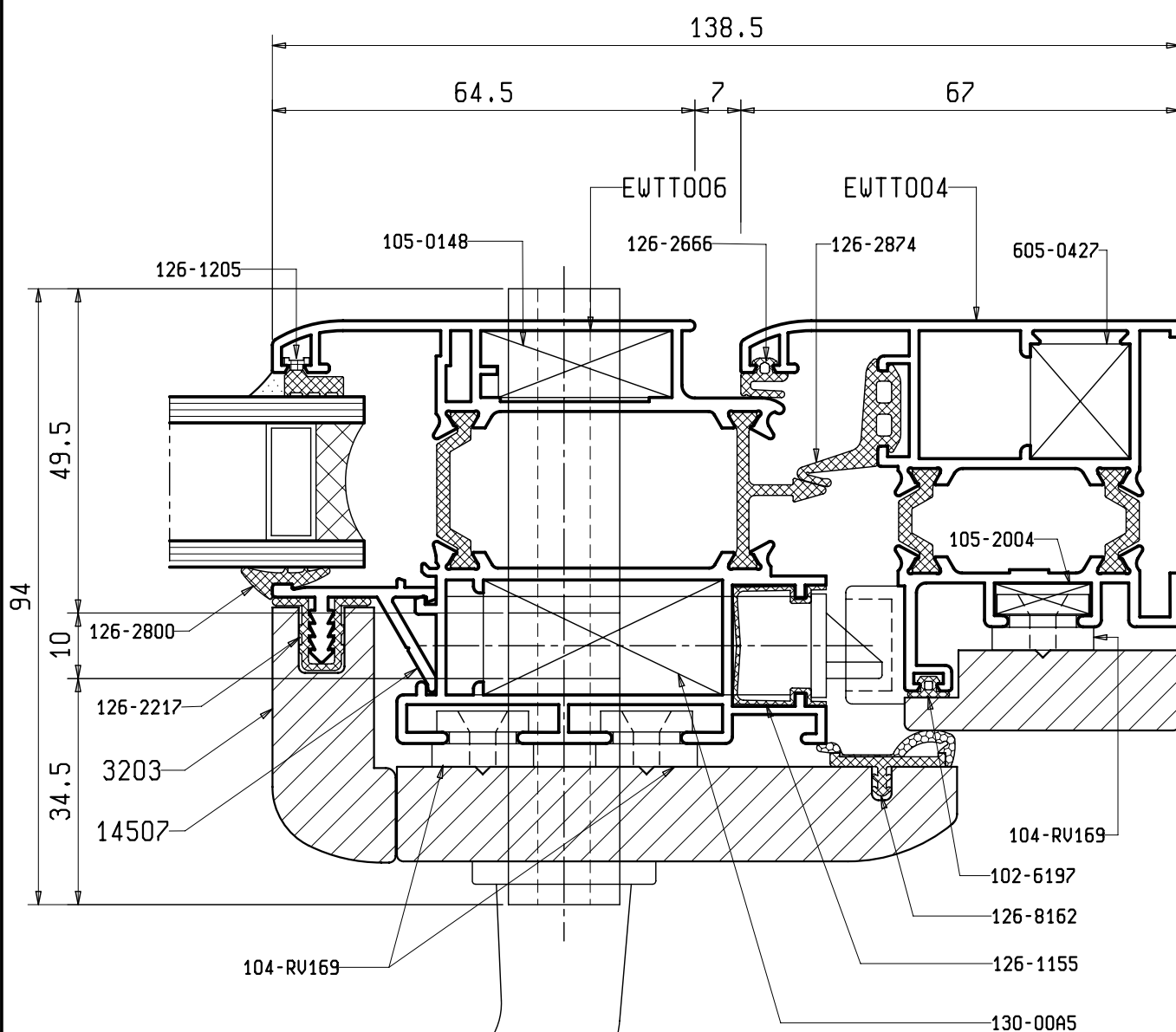
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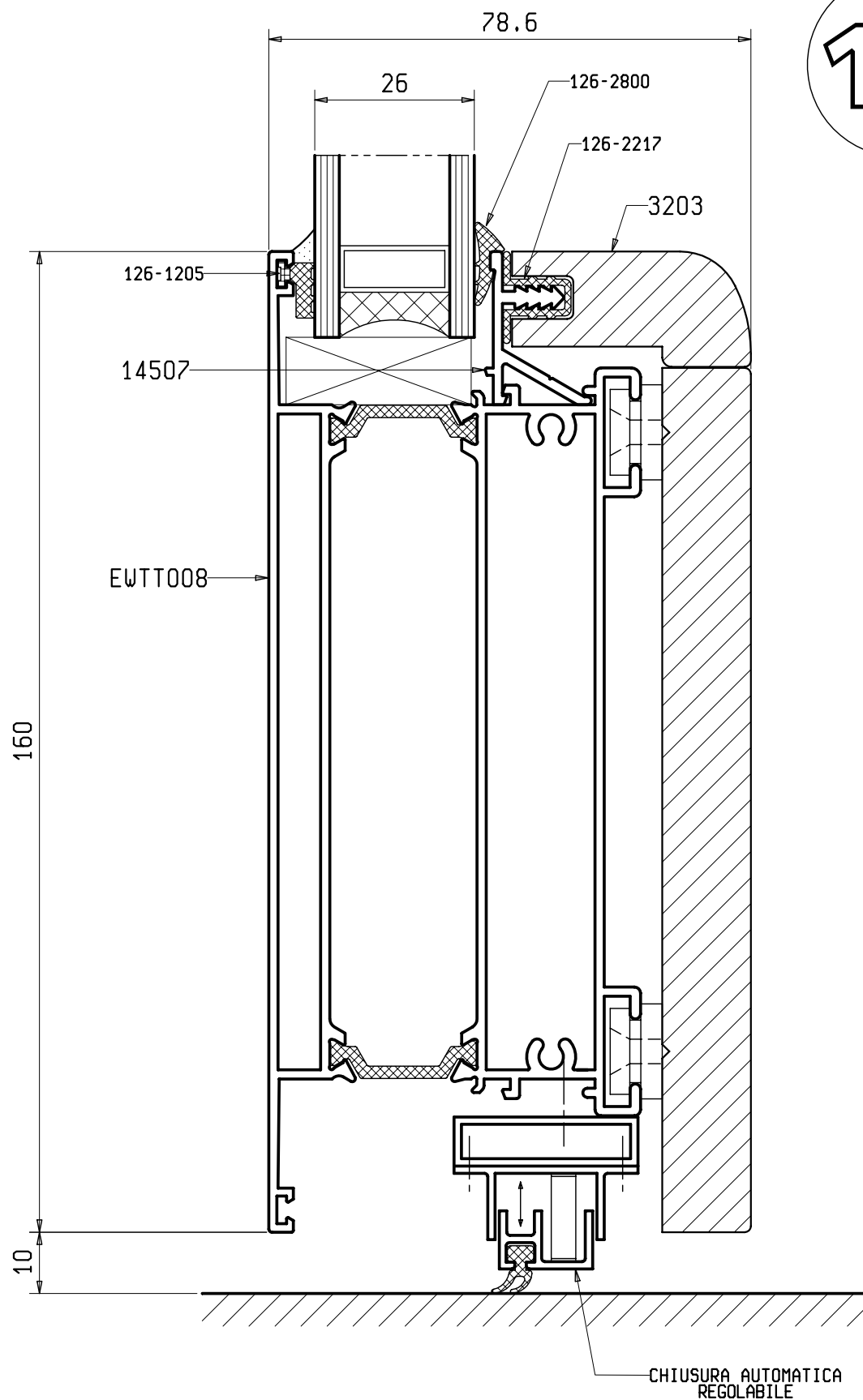




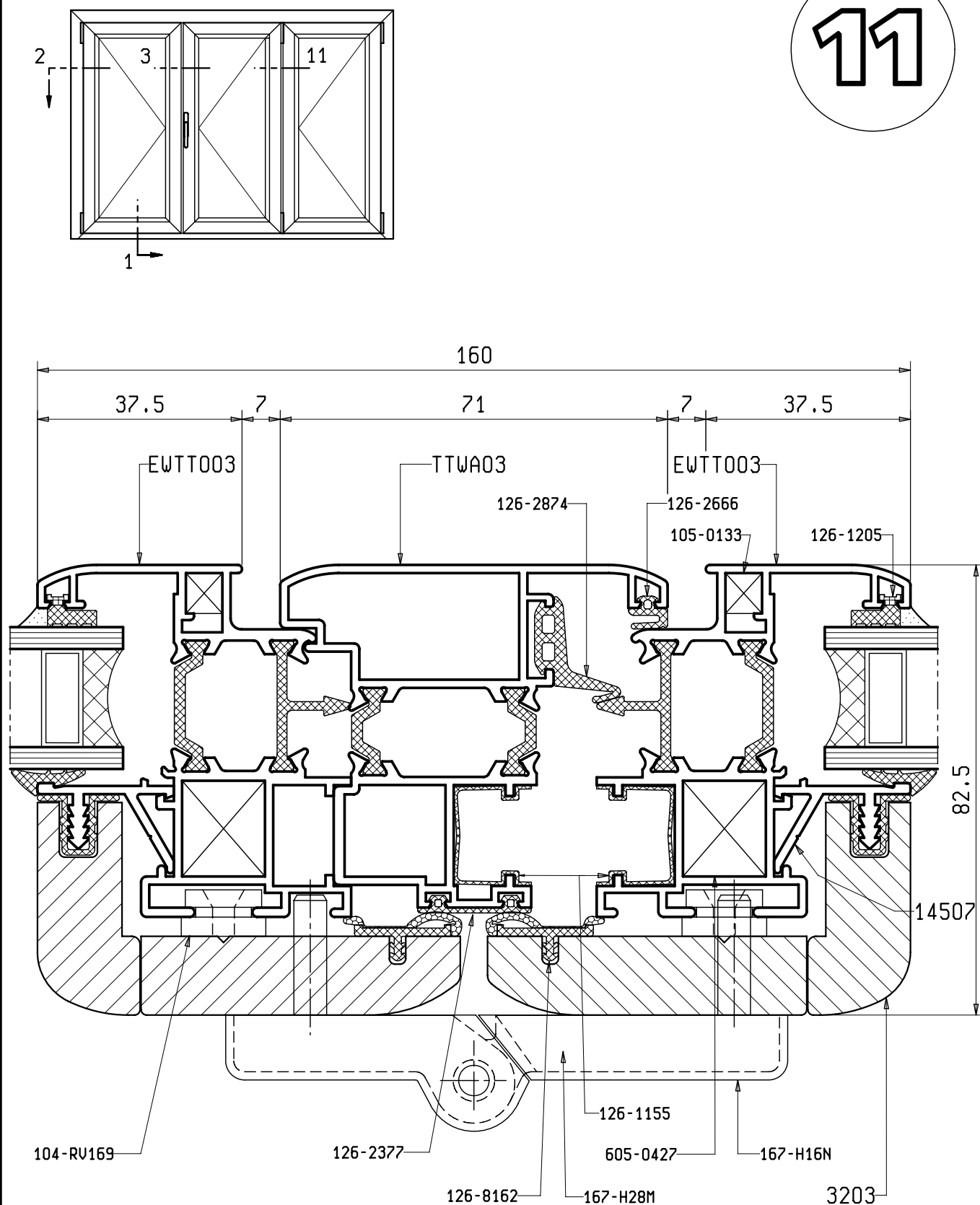
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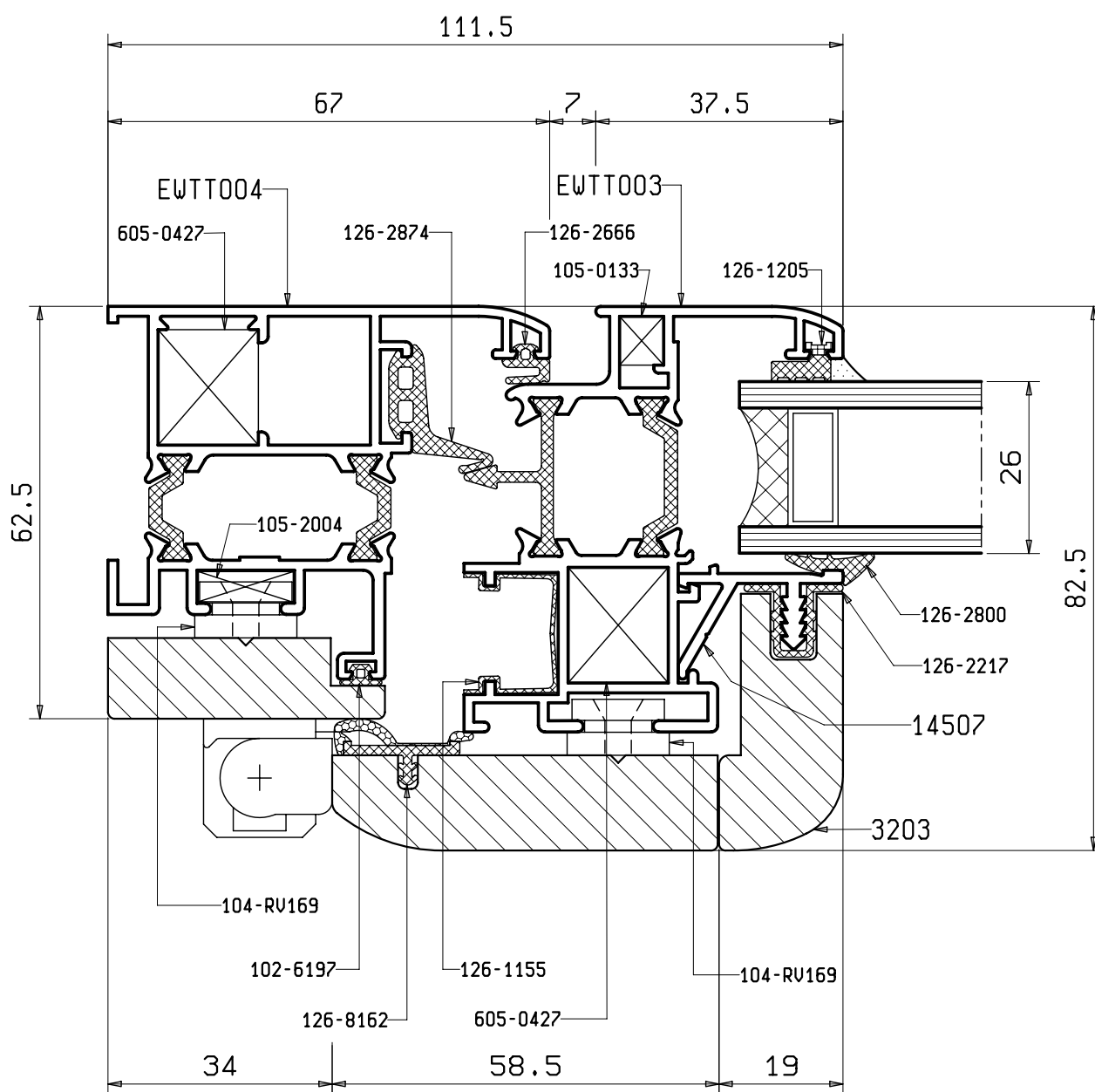
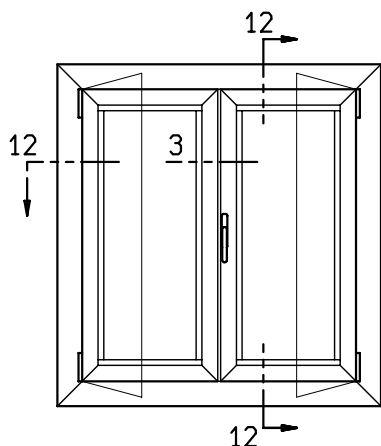


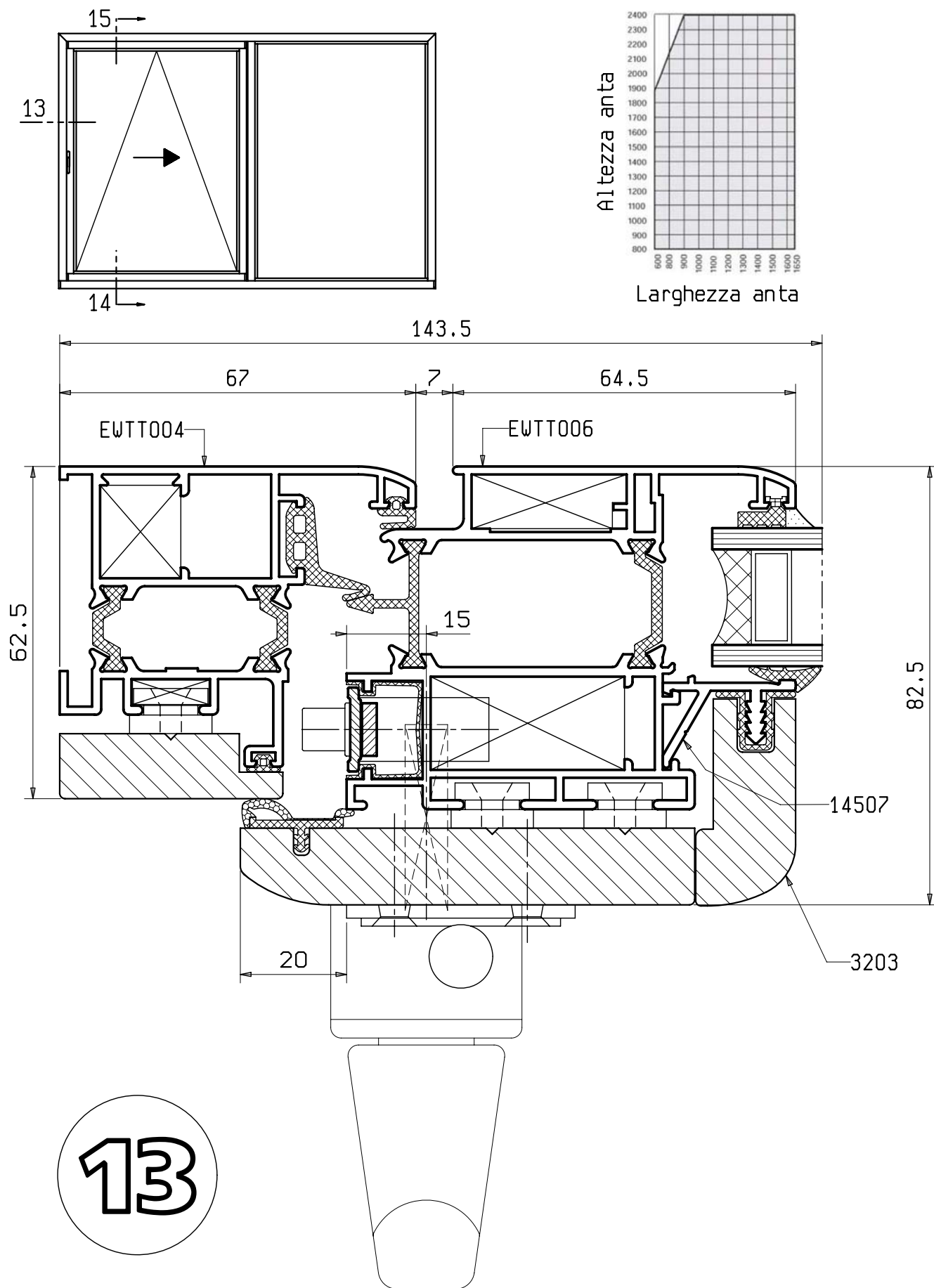
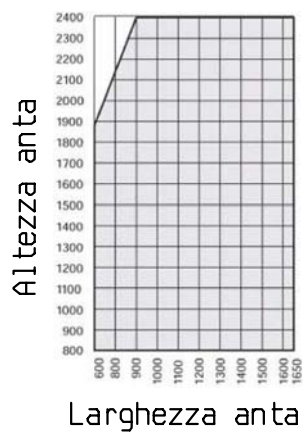
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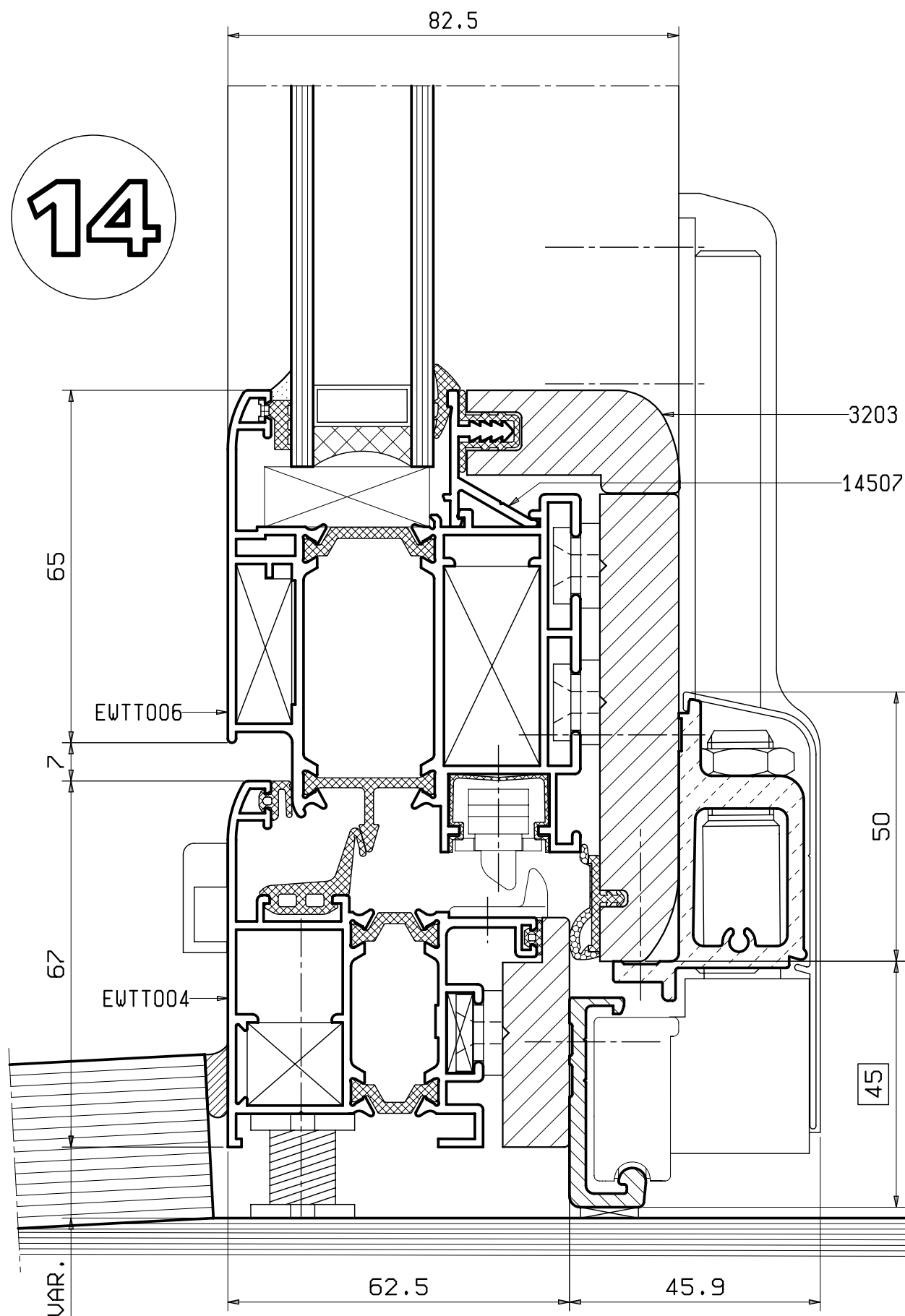
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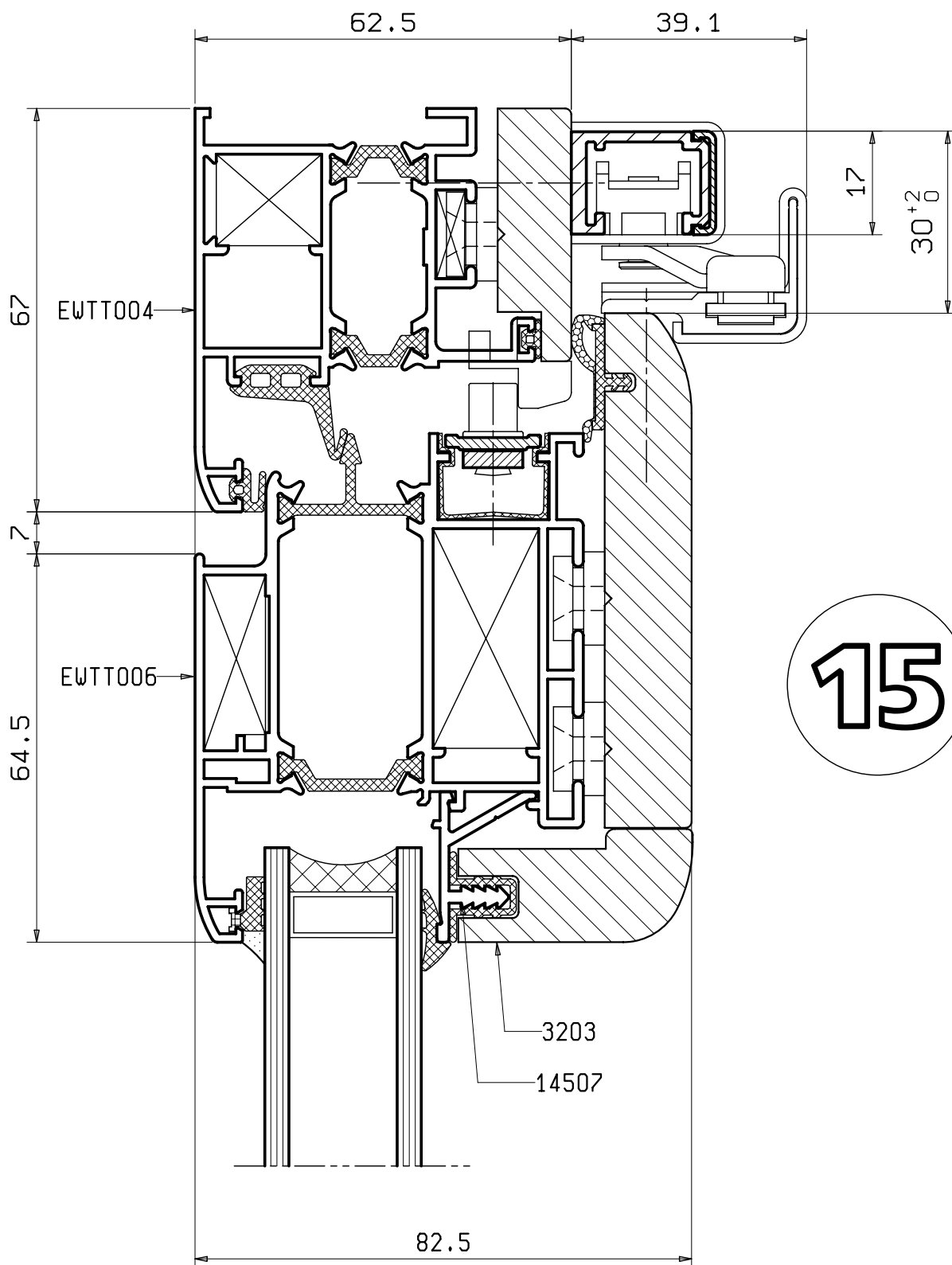




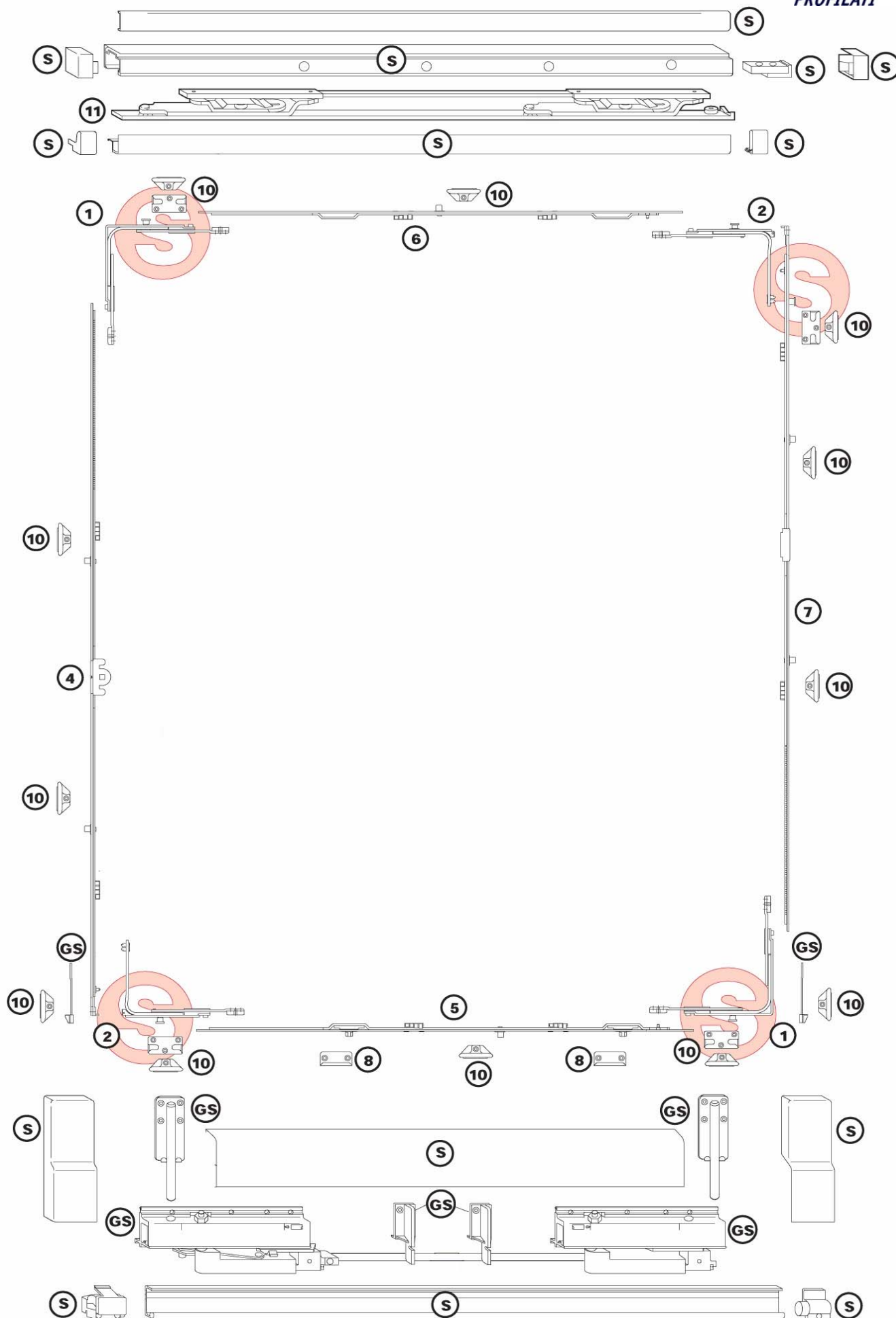


14



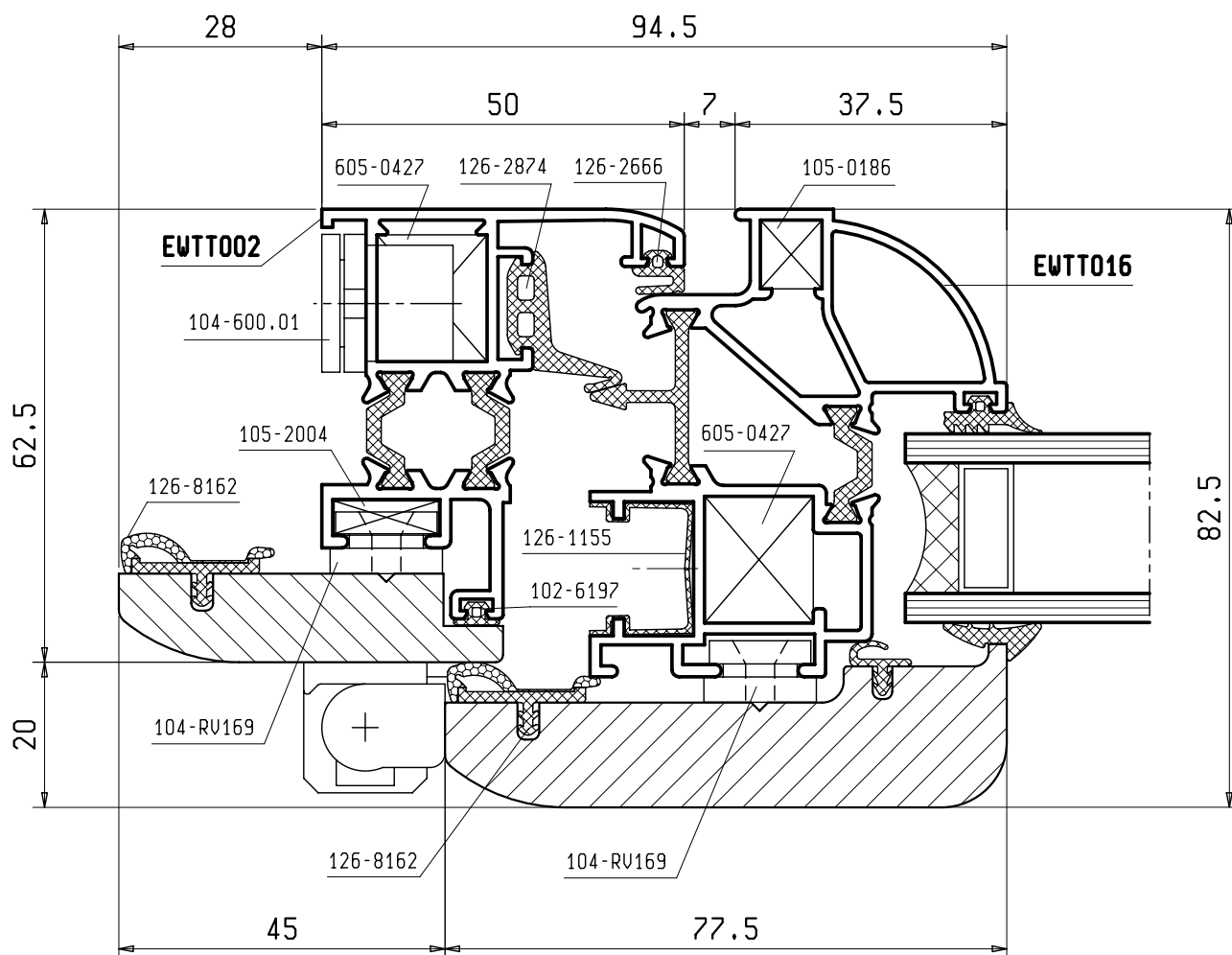
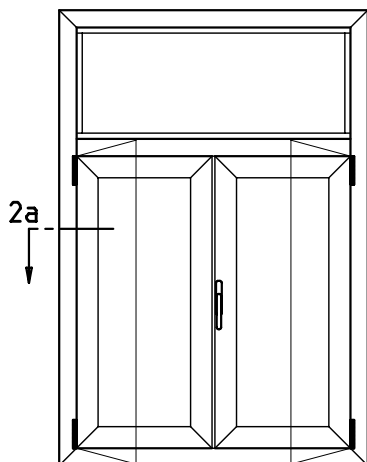


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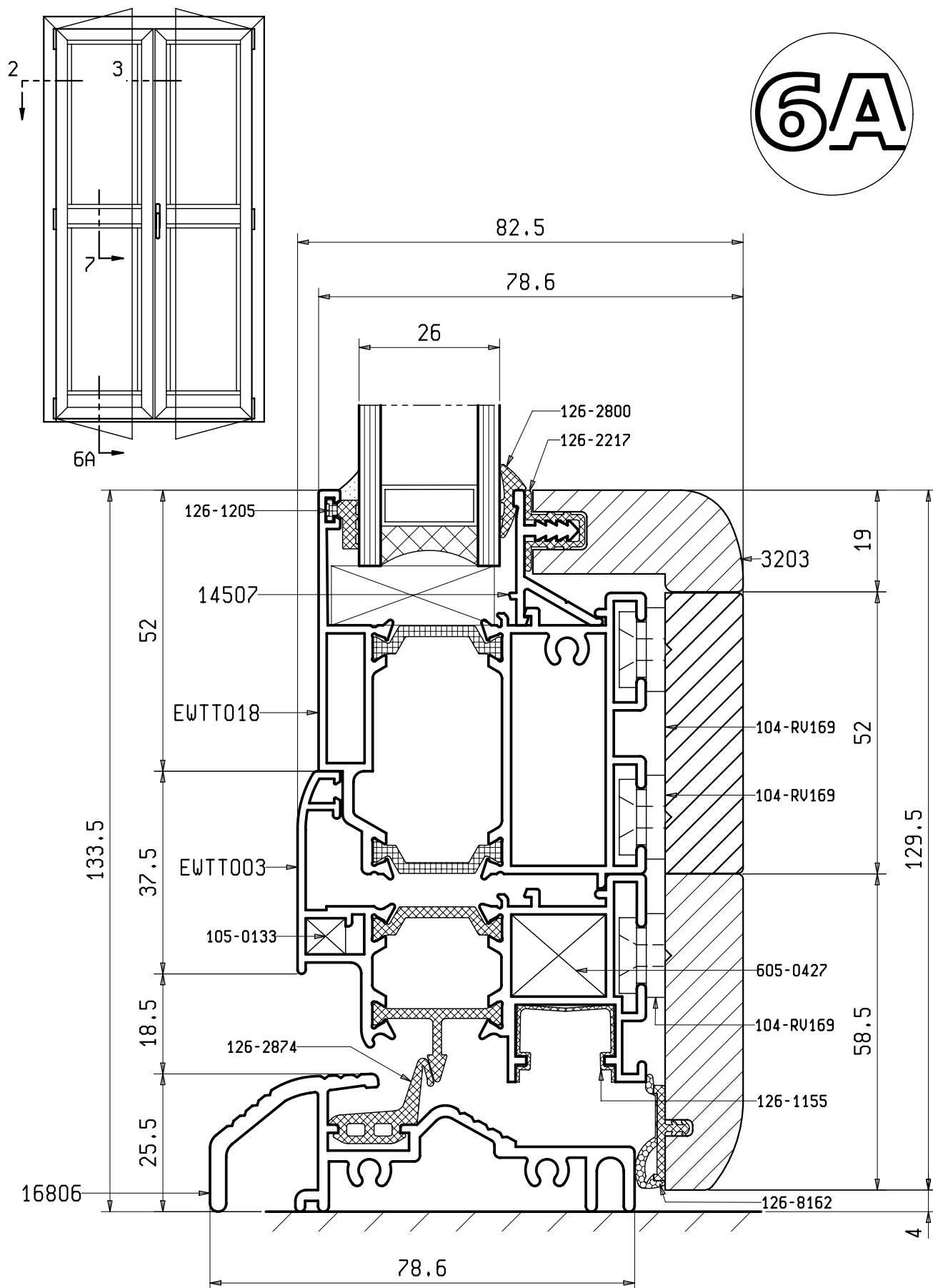


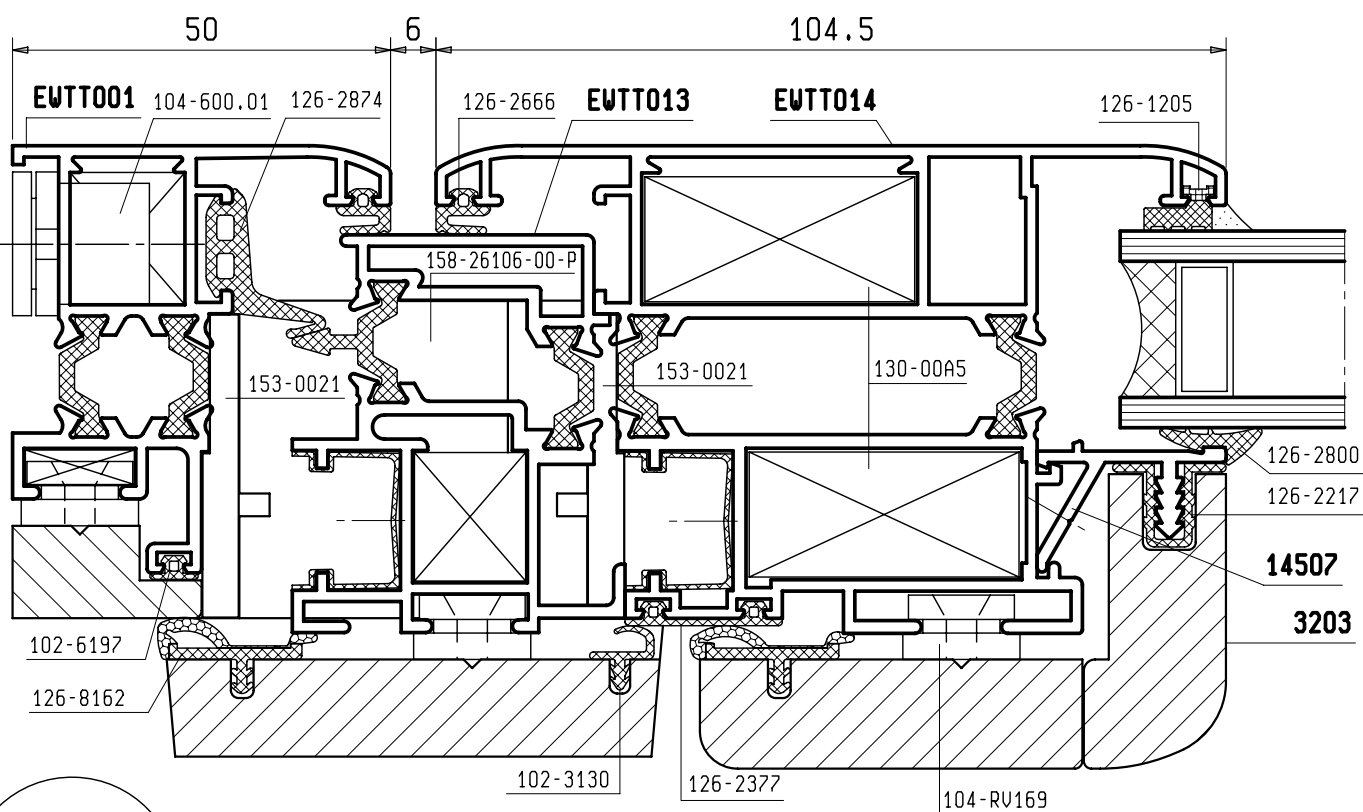
| DESCRIZIONE                    |                |                      | CODICE<br>ARTICOLO |
|--------------------------------|----------------|----------------------|--------------------|
| GS = KIT CONFEZIONE BASE SX    |                |                      | 167-281226         |
| GS = KIT CONFEZIONE BASE DX    |                |                      | 167-281227         |
|                                | LARGHEZZA ANTA | DIMENSIONE<br>TELAIO |                    |
| 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         |
|                                | ALTEZZA ANTA   | ALTEZZA<br>MANIGLIA  |                    |
| 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         |
|                                | LARGHEZZA ANTA |                      |                    |
| 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         |
|                                | LARGHEZZA ANTA |                      |                    |
| 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         |
|                                | ALTEZZA ANTA   |                      |                    |
| 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         |
|                                | LARGHEZZA ANTA |                      |                    |
| 11 = ARTICOLAZIONE SUPERIORE   | 600-900 mm.    |                      | 167-281228         |
|                                | 901-1200 mm.   |                      | 167-281230         |
|                                | 1201-1650 mm.  |                      | 167-281231         |

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

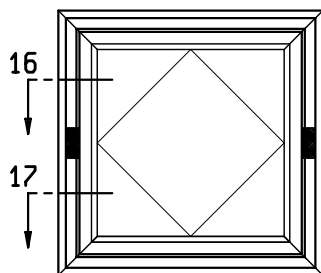


**6A**

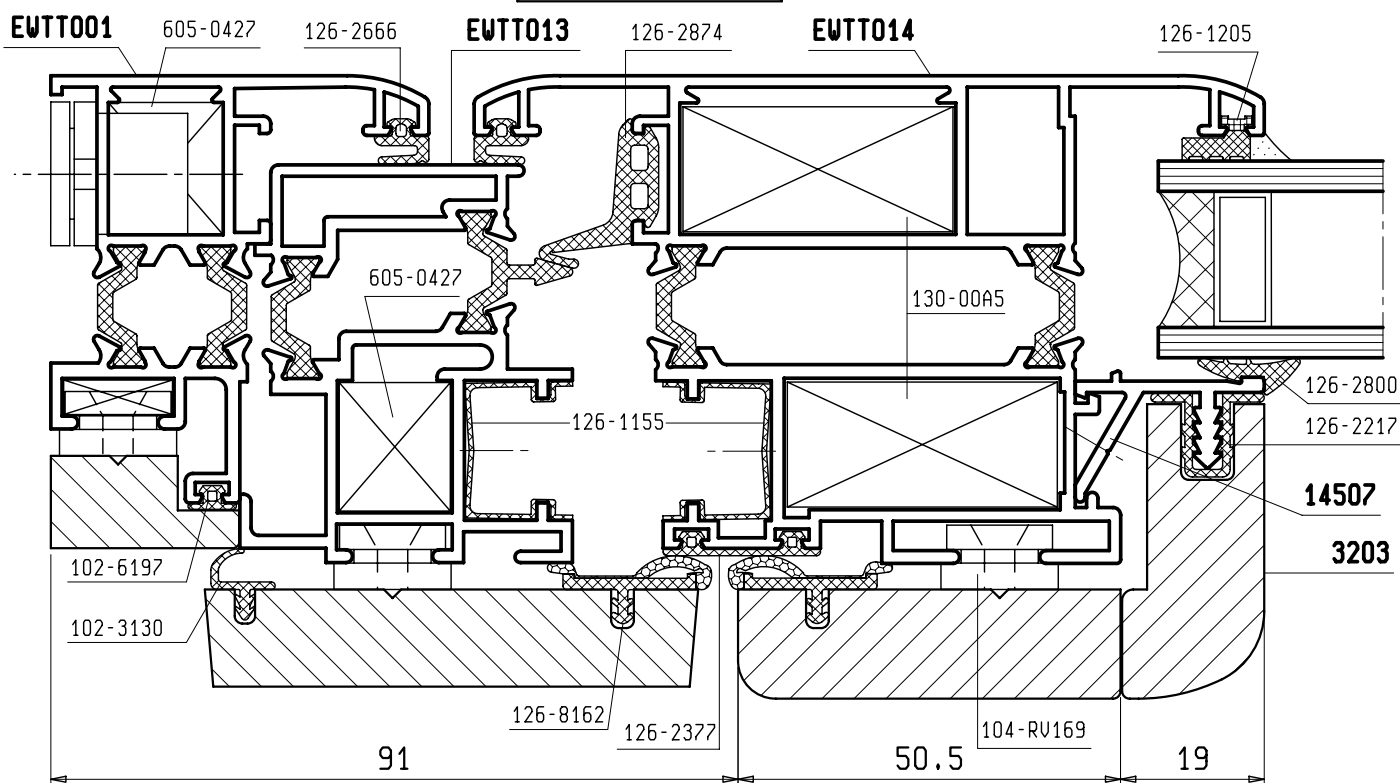




16

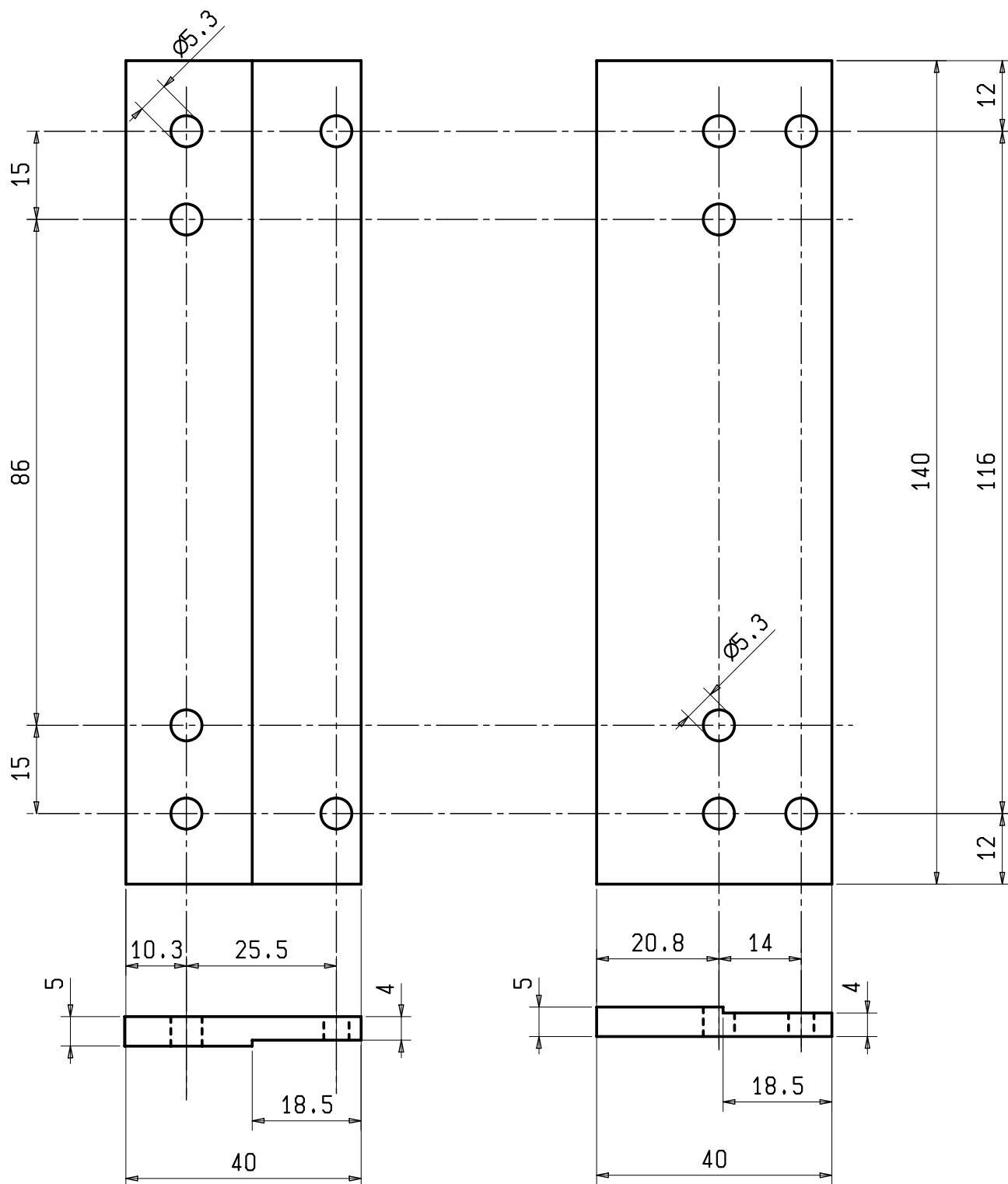


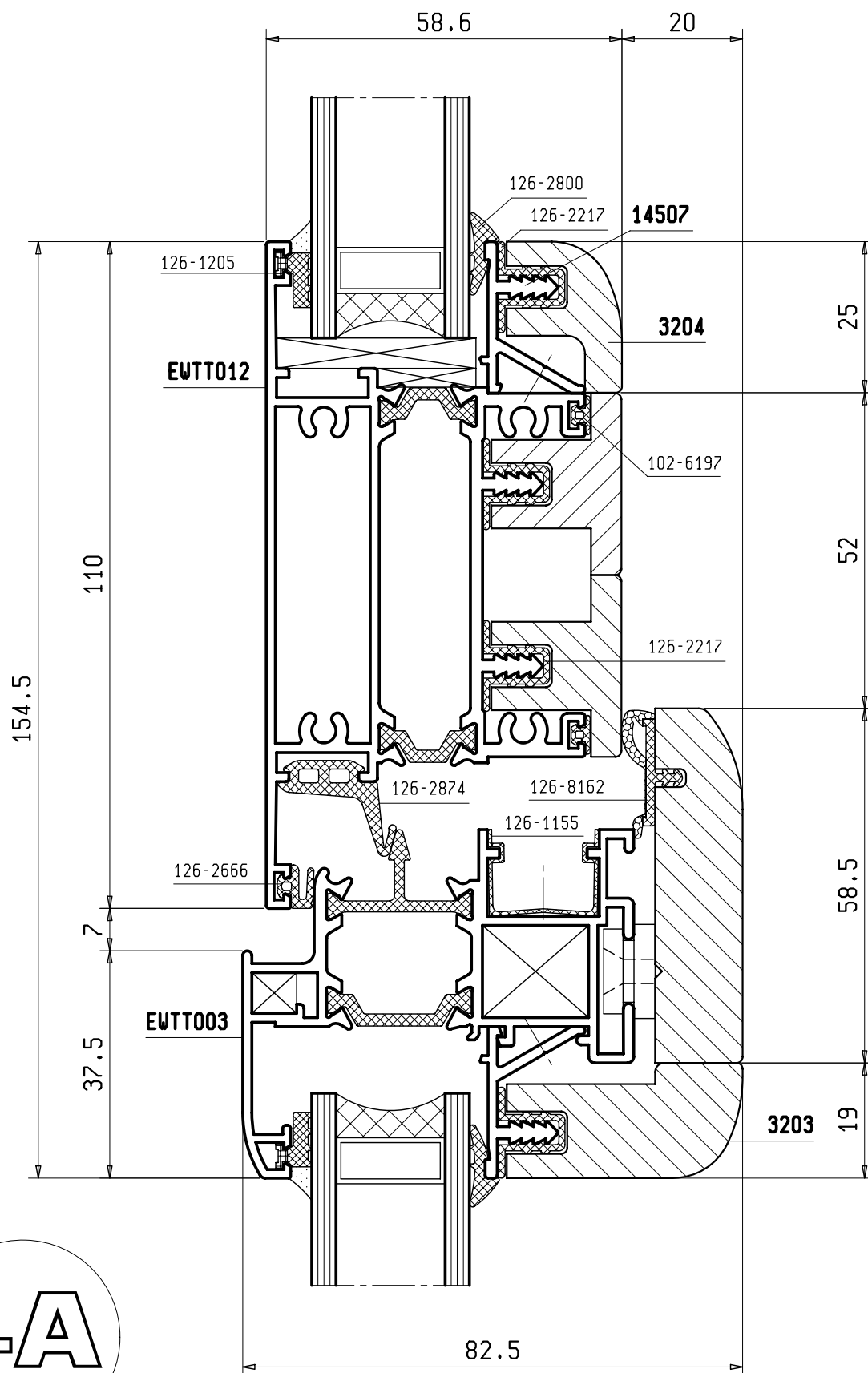
17



**ART. 153-0021**

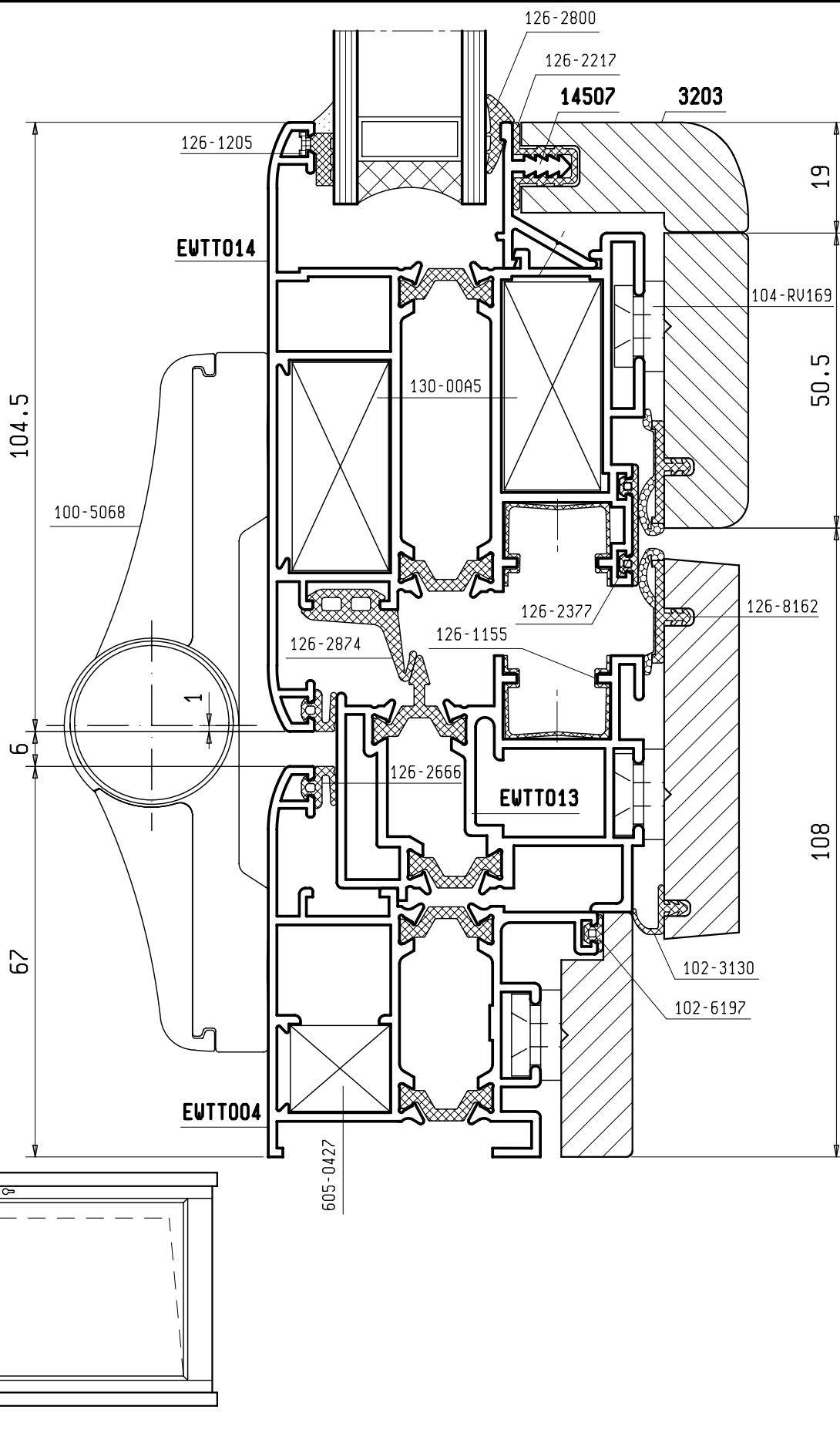
COPPIA DI SPESSORI IN ALLUMINIO PER FRIZIONI BILICO



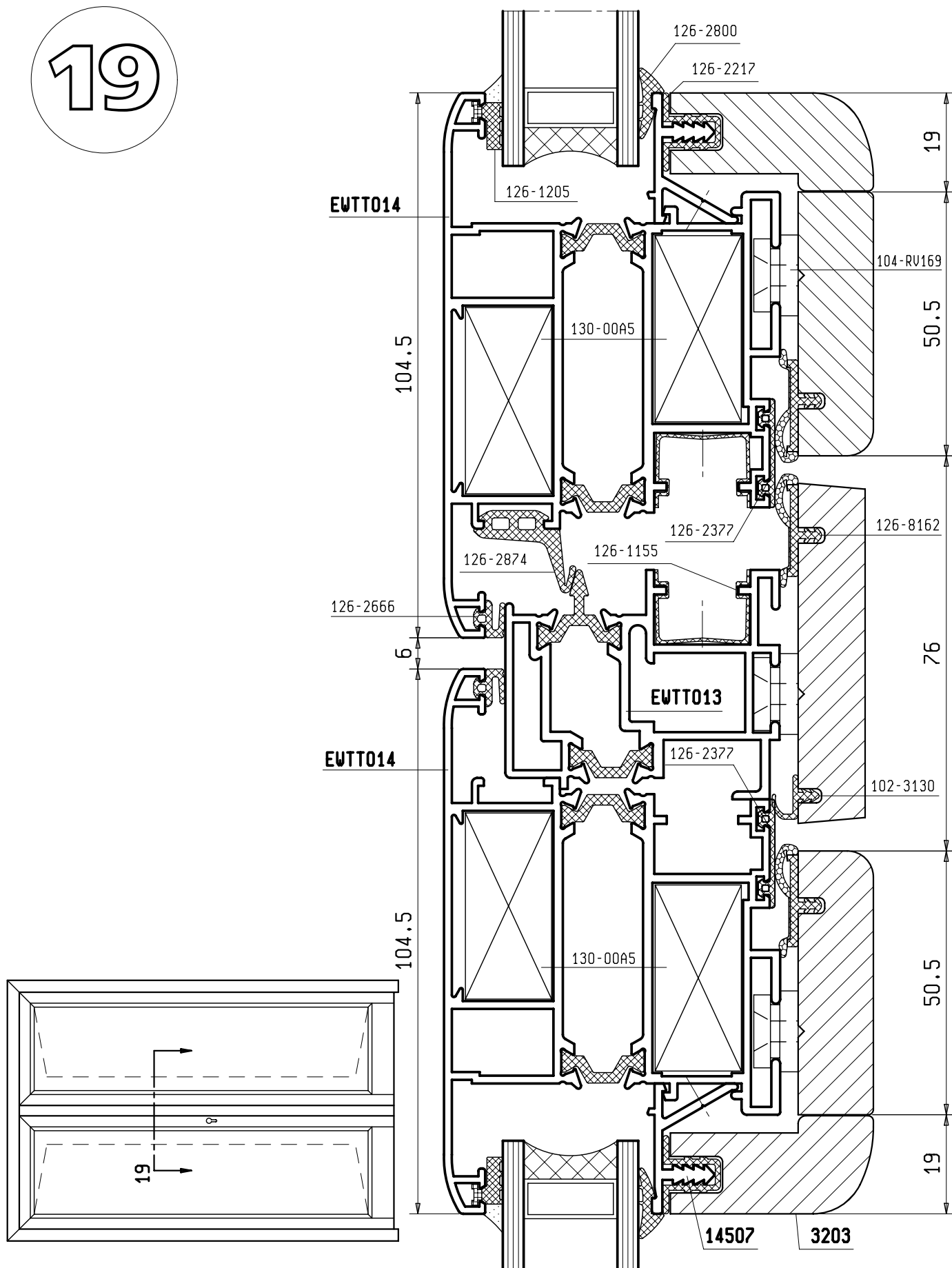


**4A**

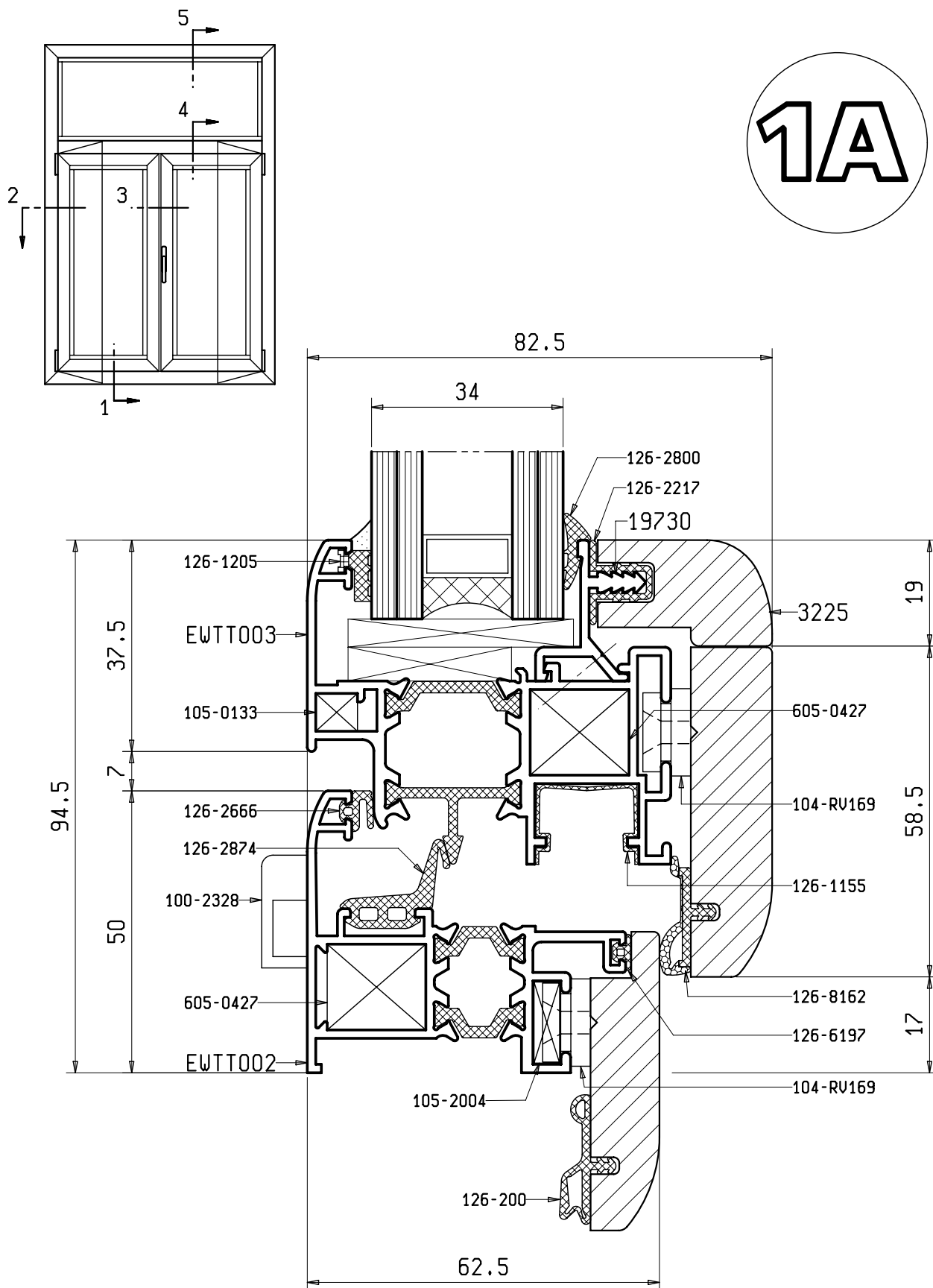
18

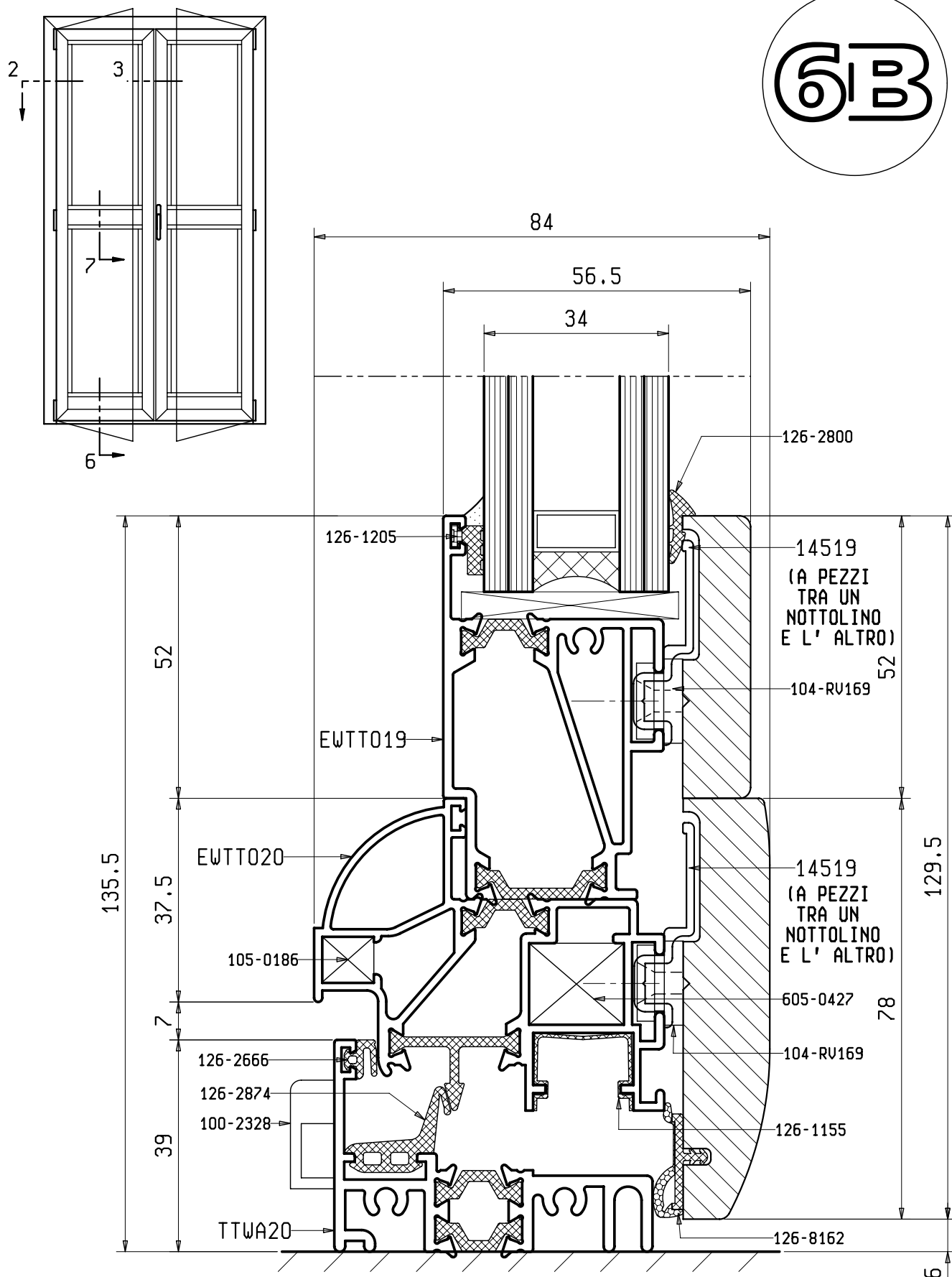
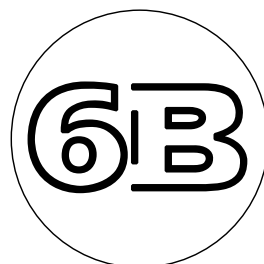


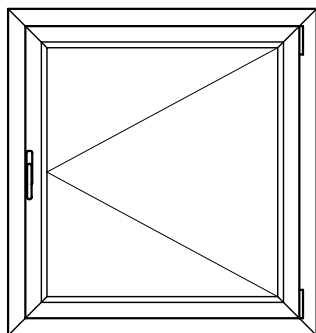
19



**1A**







Note :

Notes :

Spessore vetro considerato mm 26

For glass with 26 mm thickness

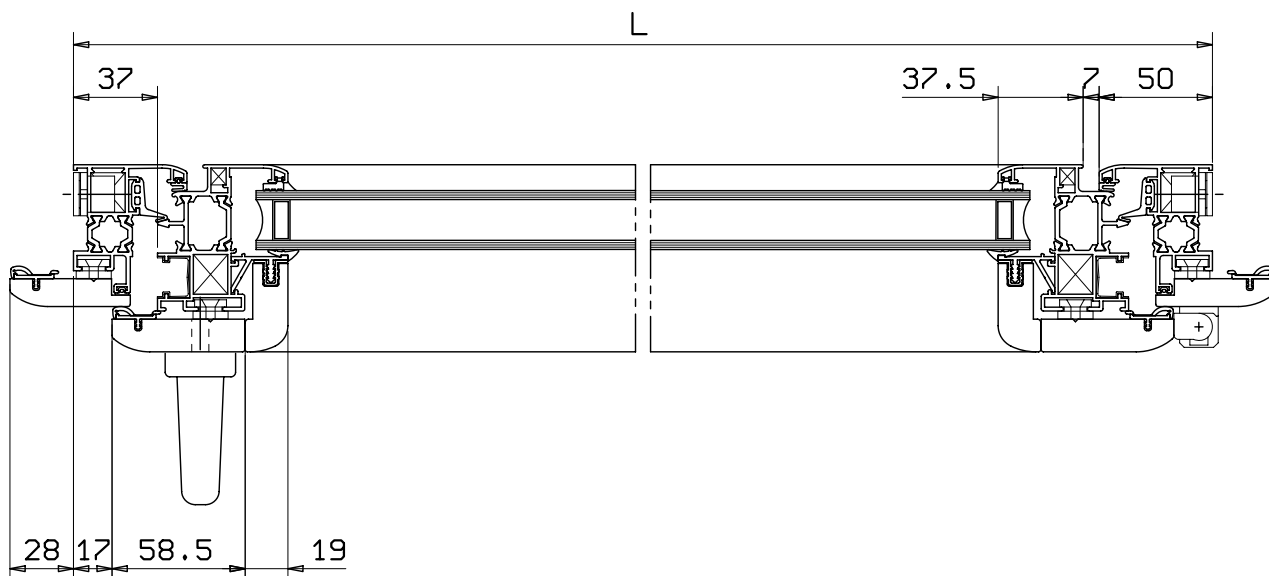
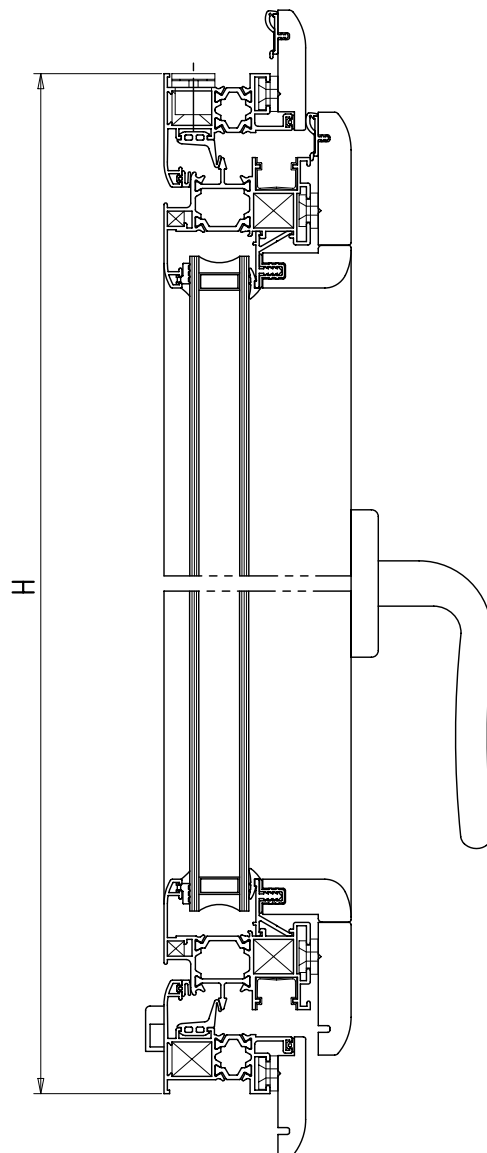
Gioco perimetrale tra profilo  
e vetro mm 5 minimo

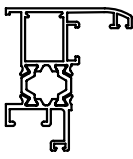
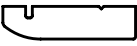
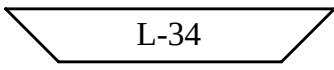
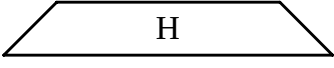
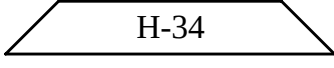
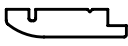
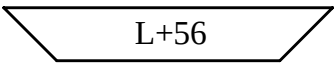
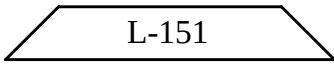
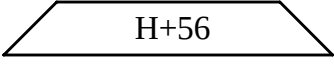
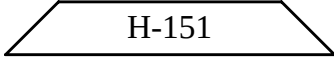
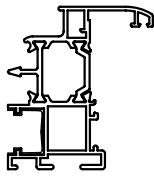
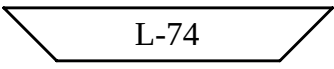
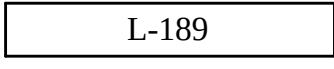
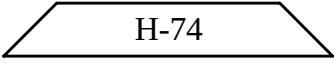
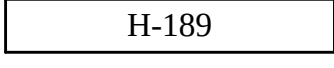
Space between glass and profile 5 mm minimum

Vetro N° 1 pezzo

Glass N° 1 piece

(L-161) (H-161)



| Profilo<br>Profile                                                                                        | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                     | Profilo<br>Profile                                                                         | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                       |
|-----------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|
| <br>TTWA01               | 2               |    | <br>3202  | 2               |    |
|                                                                                                           | 2               |    |                                                                                            | 2               |    |
| <br>3201                  | 2               |    | <br>3203  | 2               |    |
|                                                                                                           | 2               |    |                                                                                            | 2               |    |
| <br>TTWA05 +<br>126-1155 | 2               |    | <br>14507 | 2               |    |
|                                                                                                           | 2               |  |                                                                                            | 2               |  |

## Accessori

### Accessories

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

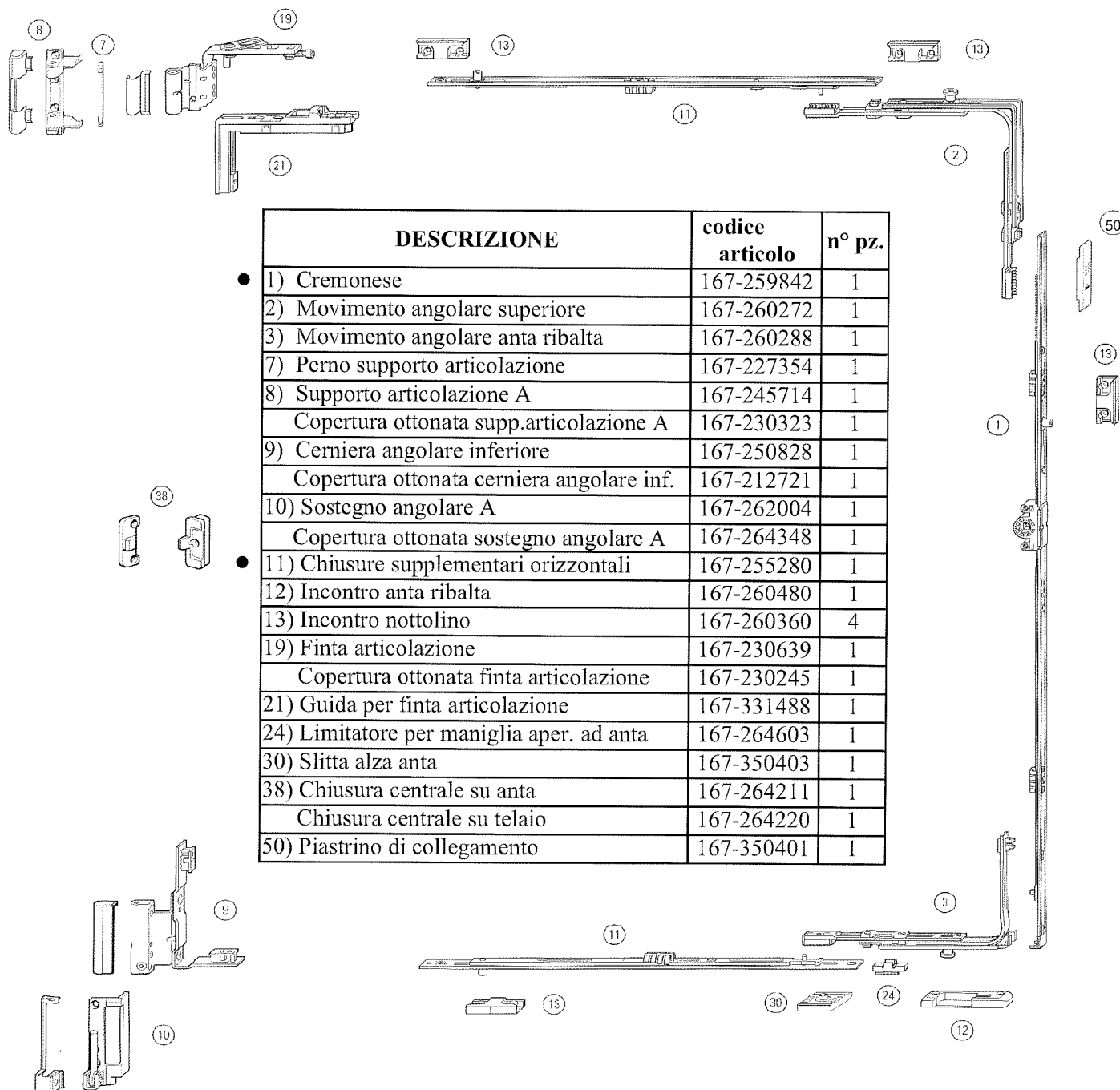
\*Var.squadrette a cianfrinare

Version corner joints locked by crimping

## Guarnizioni

### Gaskets

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



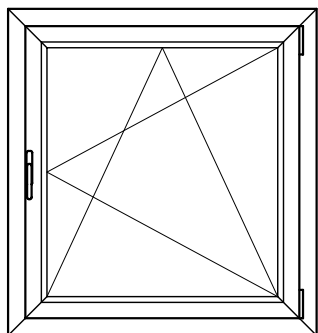
#### LIMITI DIMENSIONALI

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

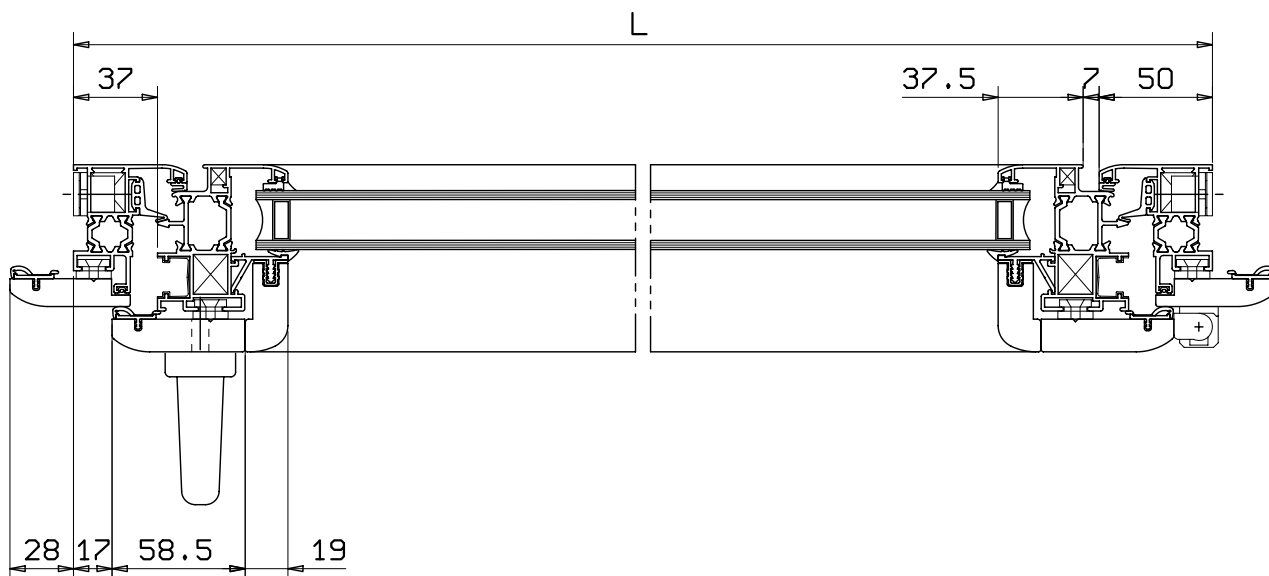
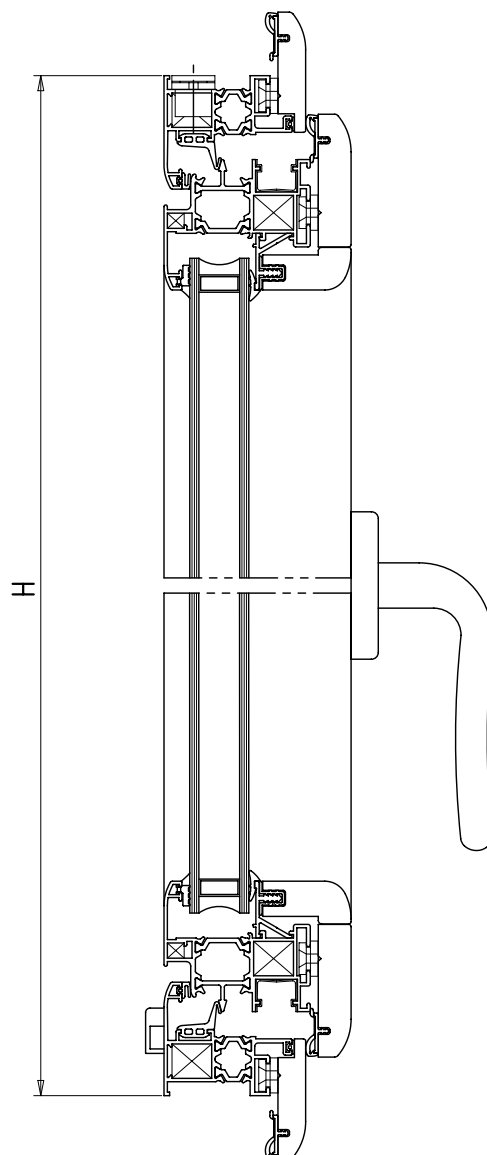
Gioco perimetrale tra profilo  
e vetro mm 5 minimo

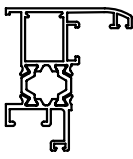
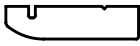
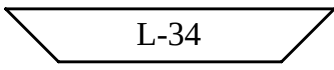
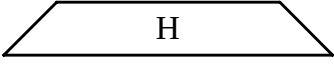
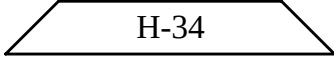
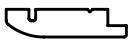
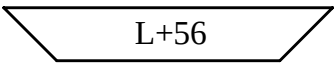
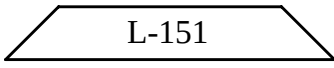
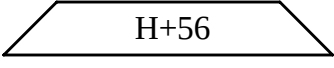
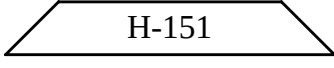
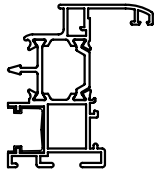
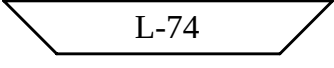
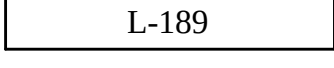
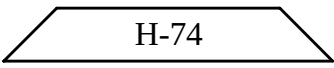
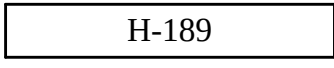
Space between glass and profile 5 mm minimum

Vetro N° 1 pezzo

Glass N° 1 piece

(L-161) (H-161)



| Profilo<br>Profile                                                                                        | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                     | Profilo<br>Profile                                                                         | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                       |
|-----------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|
| <br>TTWA01               | 2               |    | <br>3202  | 2               |    |
|                                                                                                           | 2               |    |                                                                                            | 2               |    |
| <br>3201                  | 2               |    | <br>3203  | 2               |    |
|                                                                                                           | 2               |    |                                                                                            | 2               |    |
| <br>TTWA05 +<br>126-1155 | 2               |    | <br>14507 | 2               |    |
|                                                                                                           | 2               |  |                                                                                            | 2               |  |

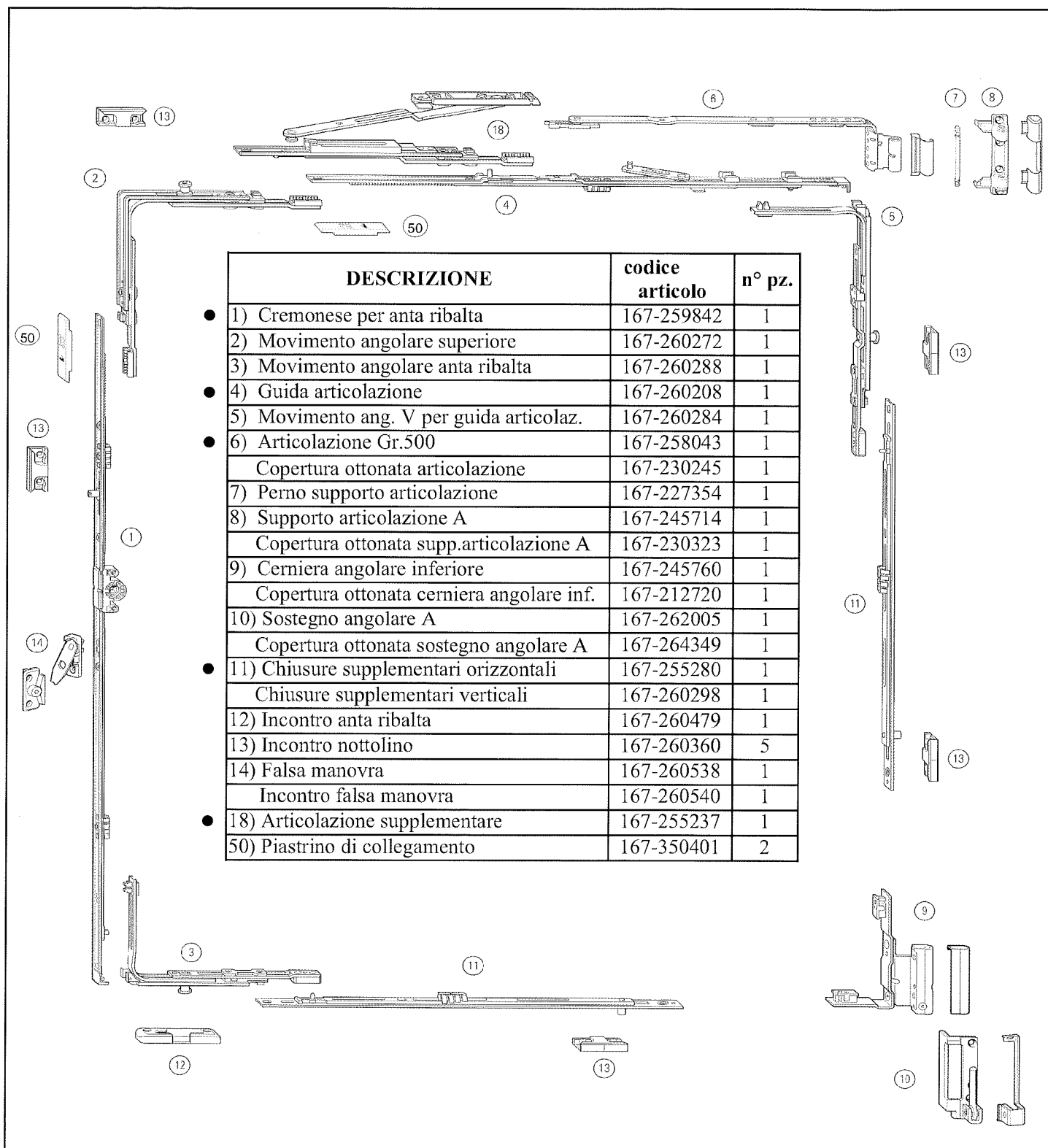
**Accessori**  
Accessories

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

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

**Guarnizioni**  
Gaskets

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



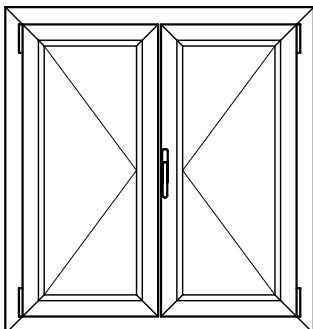
**LIMITI DIMENSIONALI**

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

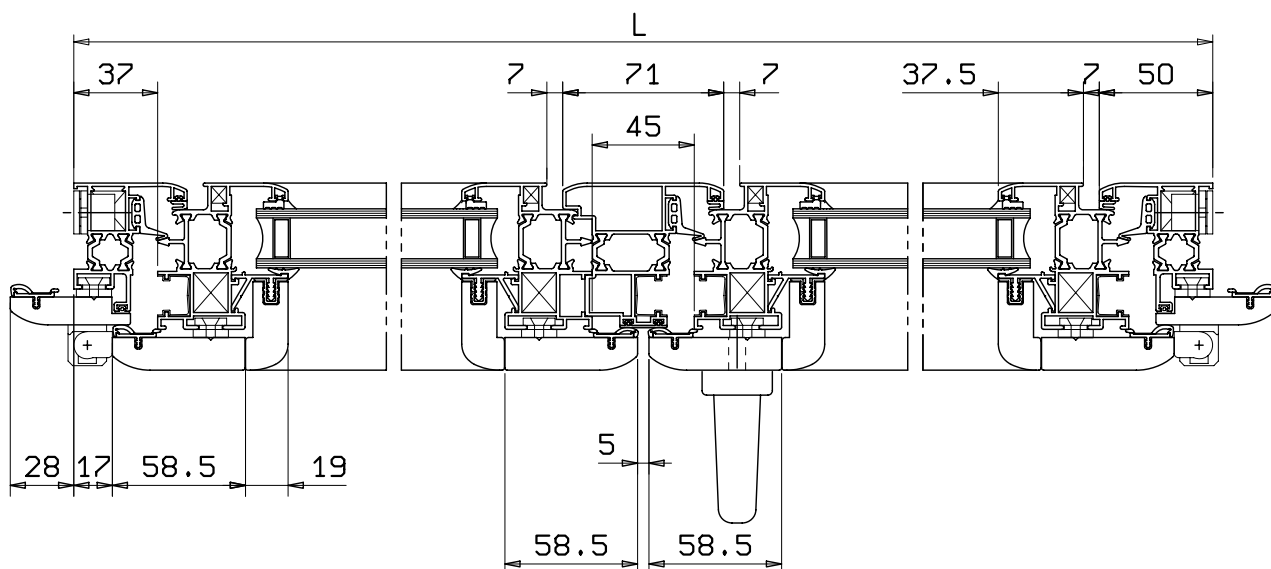
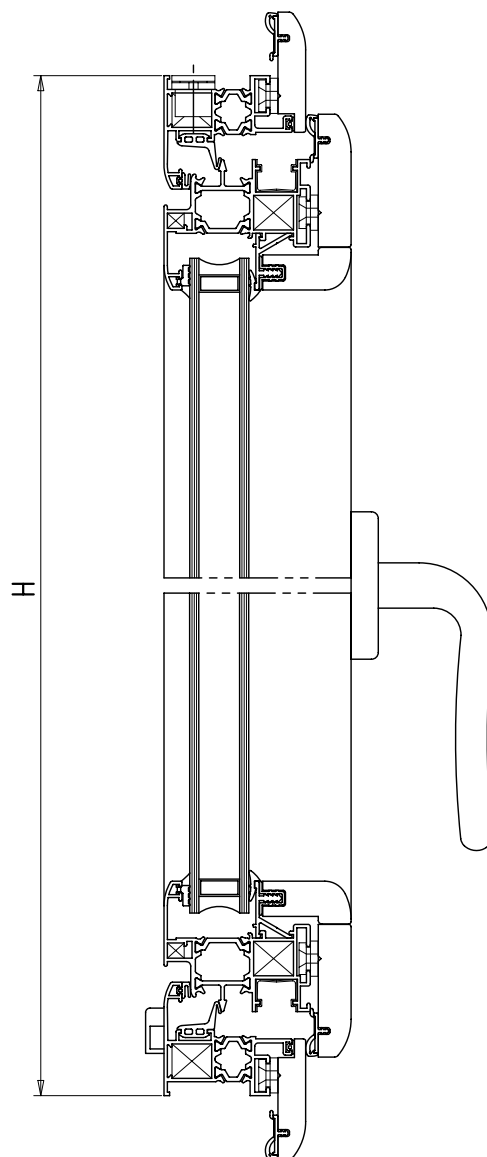
For glass with 26 mm thickness

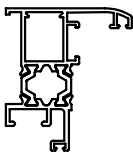
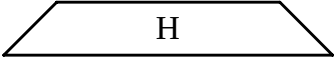
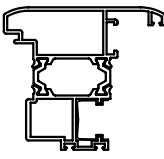
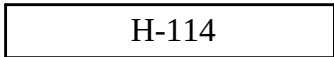
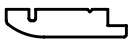
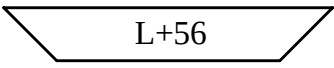
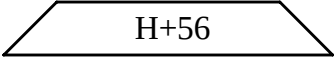
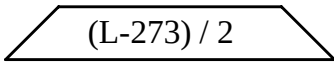
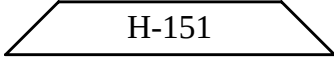
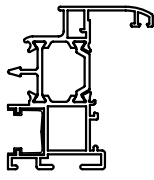
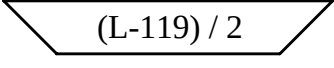
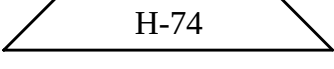
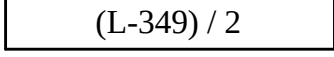
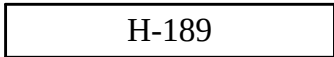
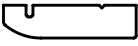
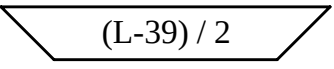
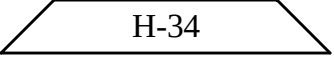
Gioco perimetrale tra profilo  
e vetro mm 5 minimo

Space between glass and profile 5 mm minimum

Vetro N° 2 pezzi

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



| Profilo<br>Profile                                                                                        | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                                                                                                                | Profilo<br>Profile                                                                                        | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TTWA01               | 2<br><br>2      | <br><br>     | <br>TTWA03 +<br>126-1155 | 1               |                                                                                               |
| <br>3201                  | 2<br><br>2      | <br><br>     | <br>3203                 | 4<br><br>4      | <br><br>   |
| <br>TTWA05 +<br>126-1155 | 4<br><br>4      | <br><br>   | <br>14507                | 4<br><br>4      | <br><br> |
| <br>3202                | 4<br><br>4      | <br><br> |                                                                                                           |                 |                                                                                                                                                                                  |

**Accessori**

Accessories

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

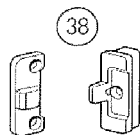
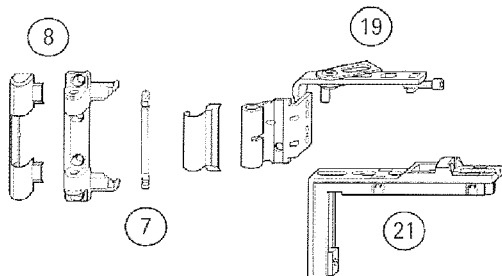
\*Var.squadrette a cianfrinare

Version corner joints locked by crimping

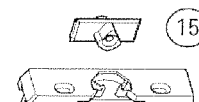
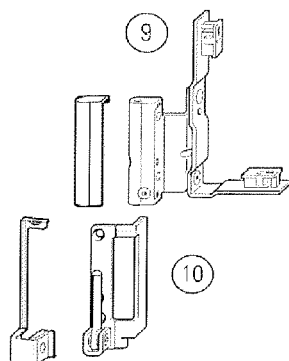
**Guarnizioni**

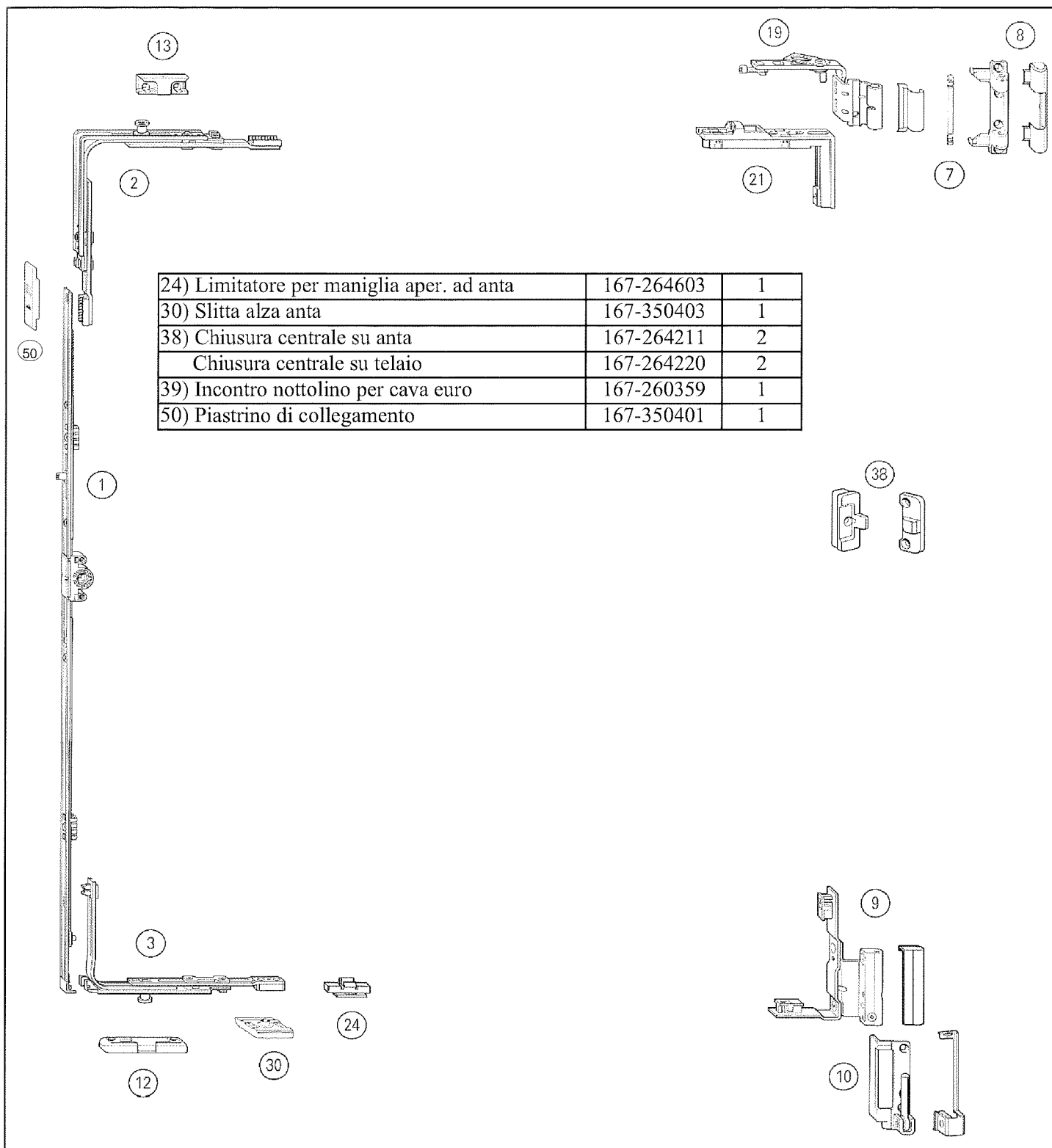
Gaskets

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



| 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      |





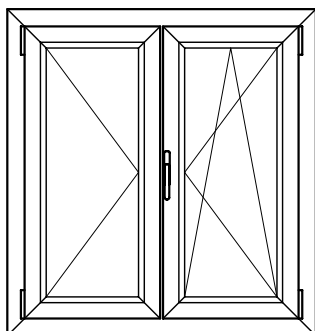
## LIMITI DIMENSIONALI

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

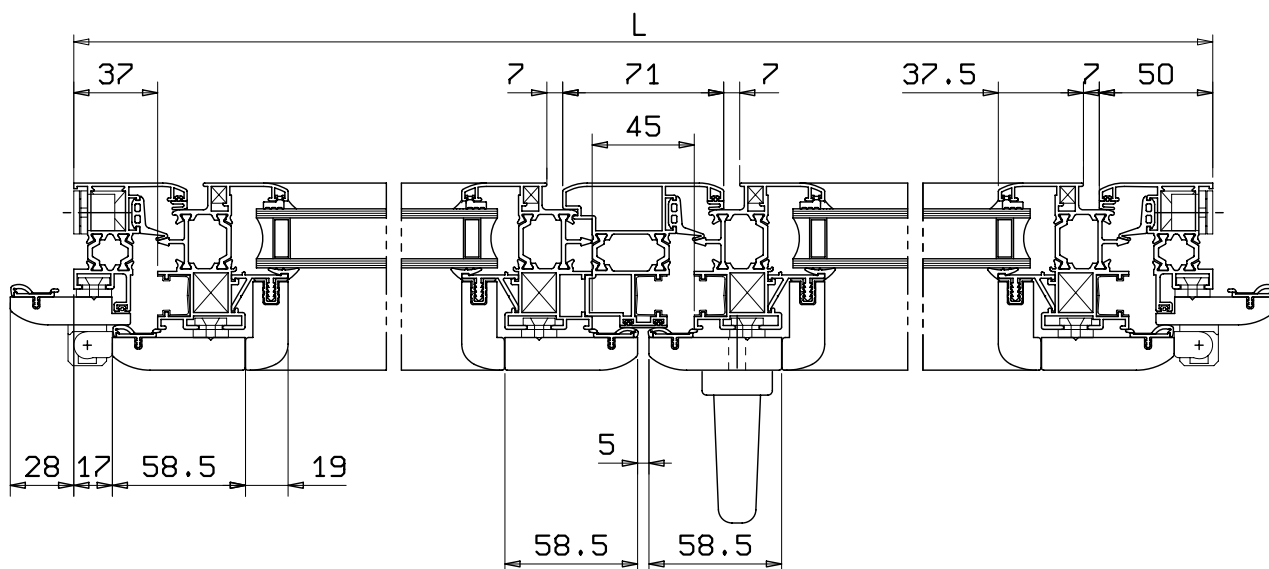
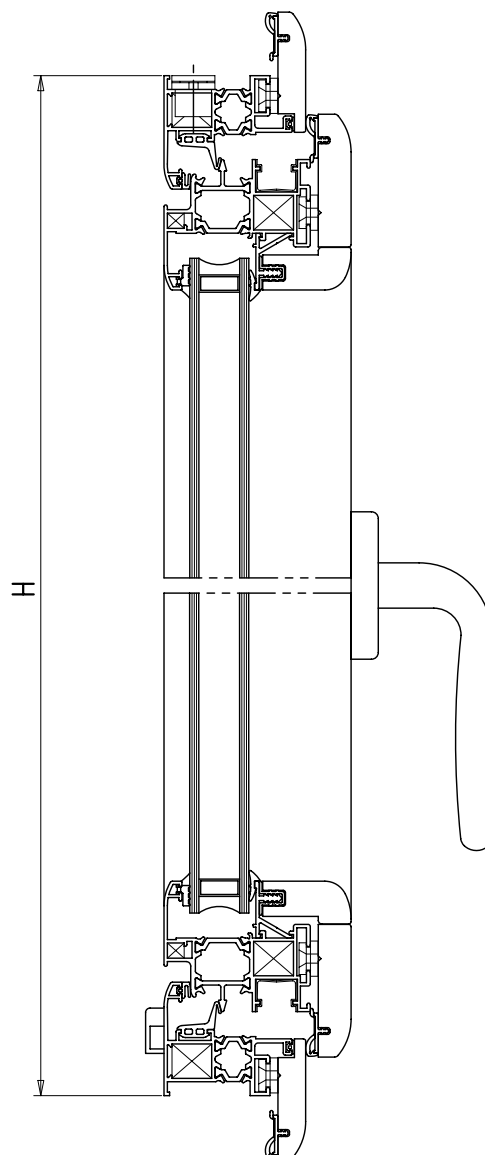
For glass with 26 mm thickness

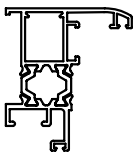
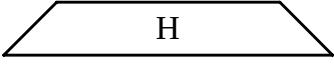
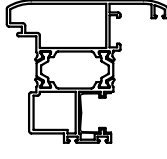
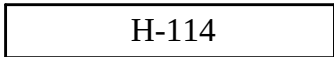
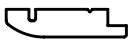
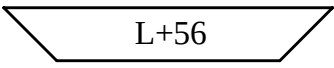
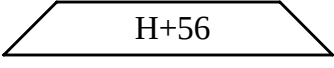
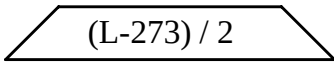
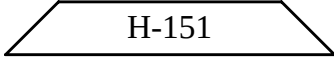
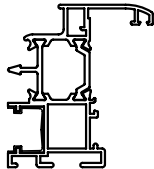
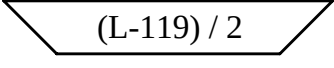
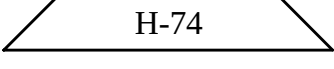
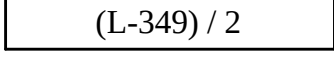
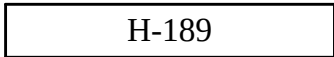
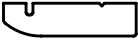
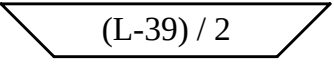
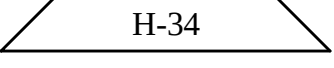
Gioco perimetrale tra profilo  
e vetro mm 5 minimo

Space between glass and profile 5 mm minimum

Vetro N° 2 pezzi

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



| Profilo<br>Profile                                                                                        | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                                                                                                                | Profilo<br>Profile                                                                                        | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TTWA01               | 2<br><br>2      | <br><br>     | <br>TTWA03 +<br>126-1155 | 1               |                                                                                               |
| <br>3201                  | 2<br><br>2      | <br><br>     | <br>3203                 | 4<br><br>4      | <br><br>   |
| <br>TTWA05 +<br>126-1155 | 4<br><br>4      | <br><br>   | <br>14507                | 4<br><br>4      | <br><br> |
| <br>3202                | 4<br><br>4      | <br><br> |                                                                                                           |                 |                                                                                                                                                                                  |

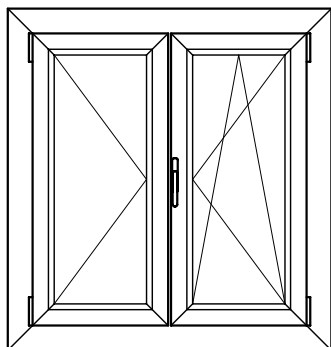
**Accessori**  
Accessories

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

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

**Guarnizioni**  
Gaskets

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



Note :

Notes :

Spessore vetro considerato mm 26

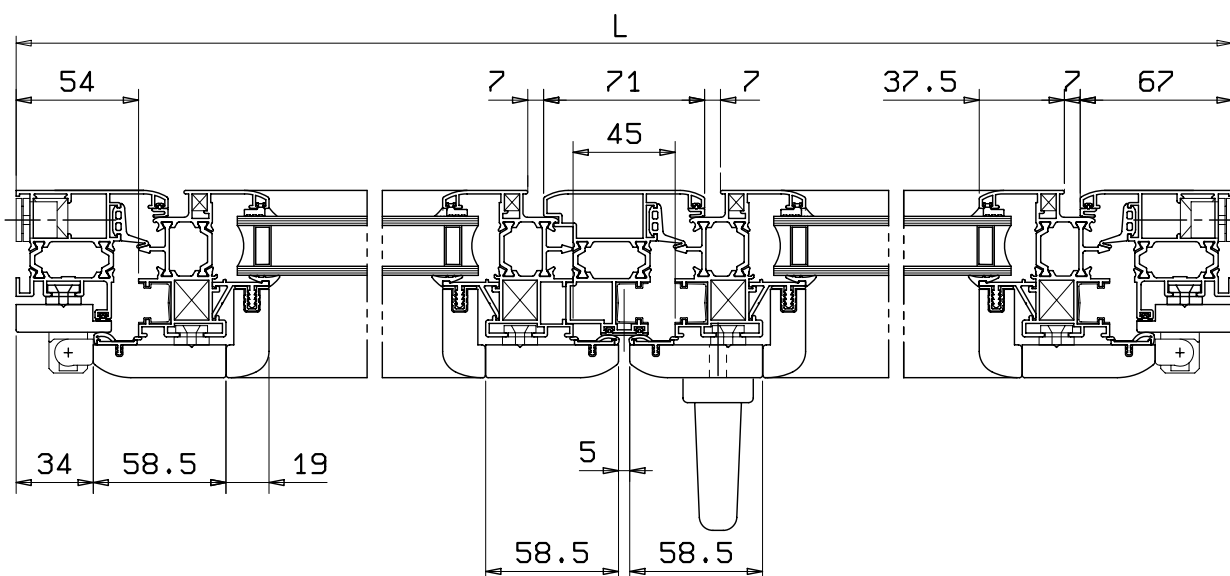
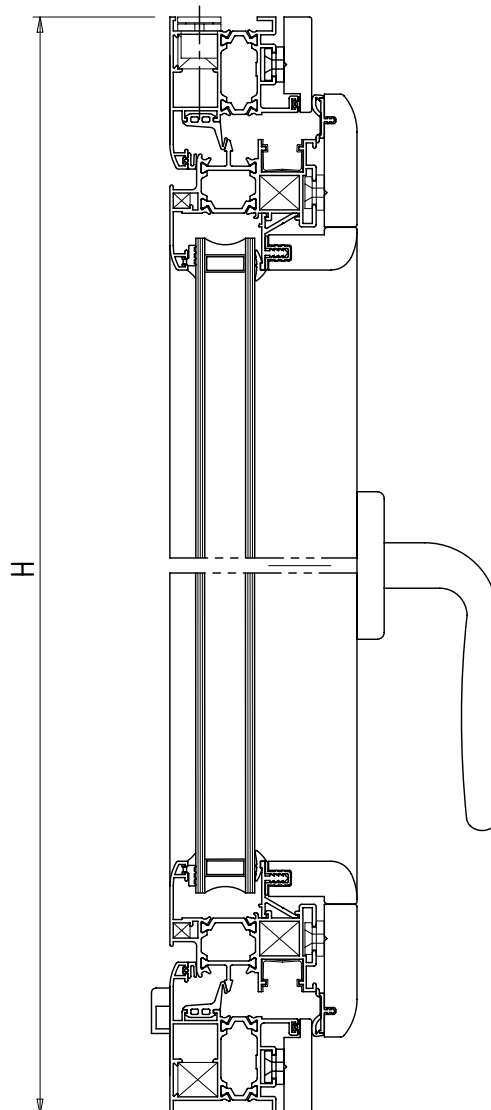
For glass with 26 mm thickness

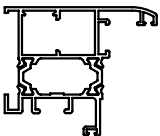
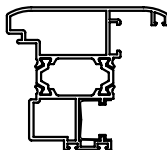
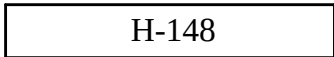
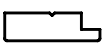
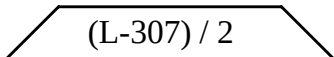
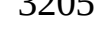
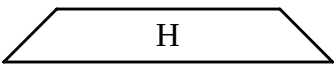
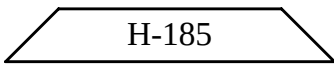
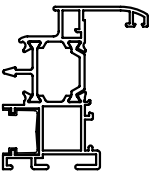
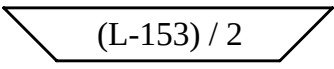
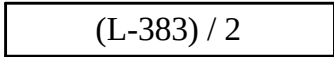
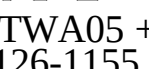
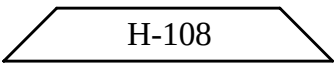
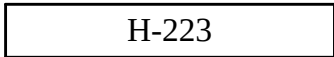
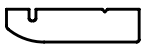
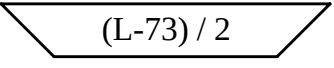
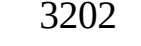
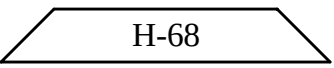
Gioco perimetrale tra profilo  
e vetro mm 5 minimo

Space between glass and profile 5 mm minimum

Vetro N° 2 pezzi

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



| Profilo<br>Profile                                                                                         | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                     | Profilo<br>Profile                                                                                        | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                       |
|------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|
| <br>TTWA02                 | 2               |    | <br>TTWA03 +<br>126-1155 | 1               |    |
| <br>3205                   | 2               |    | <br>3203                 | 4               |    |
| <br>3205                   | 2               |    | <br>3203                 | 4               |    |
| <br>TTWA05 +<br>126-1155  | 4               |    | <br>14507                | 4               |    |
| <br>TTWA05 +<br>126-1155 | 4               |  | <br>14507              | 4               |  |
| <br>3202                 | 4               |  |                                                                                                           |                 |                                                                                       |
| <br>3202                 | 4               |  |                                                                                                           |                 |                                                                                       |

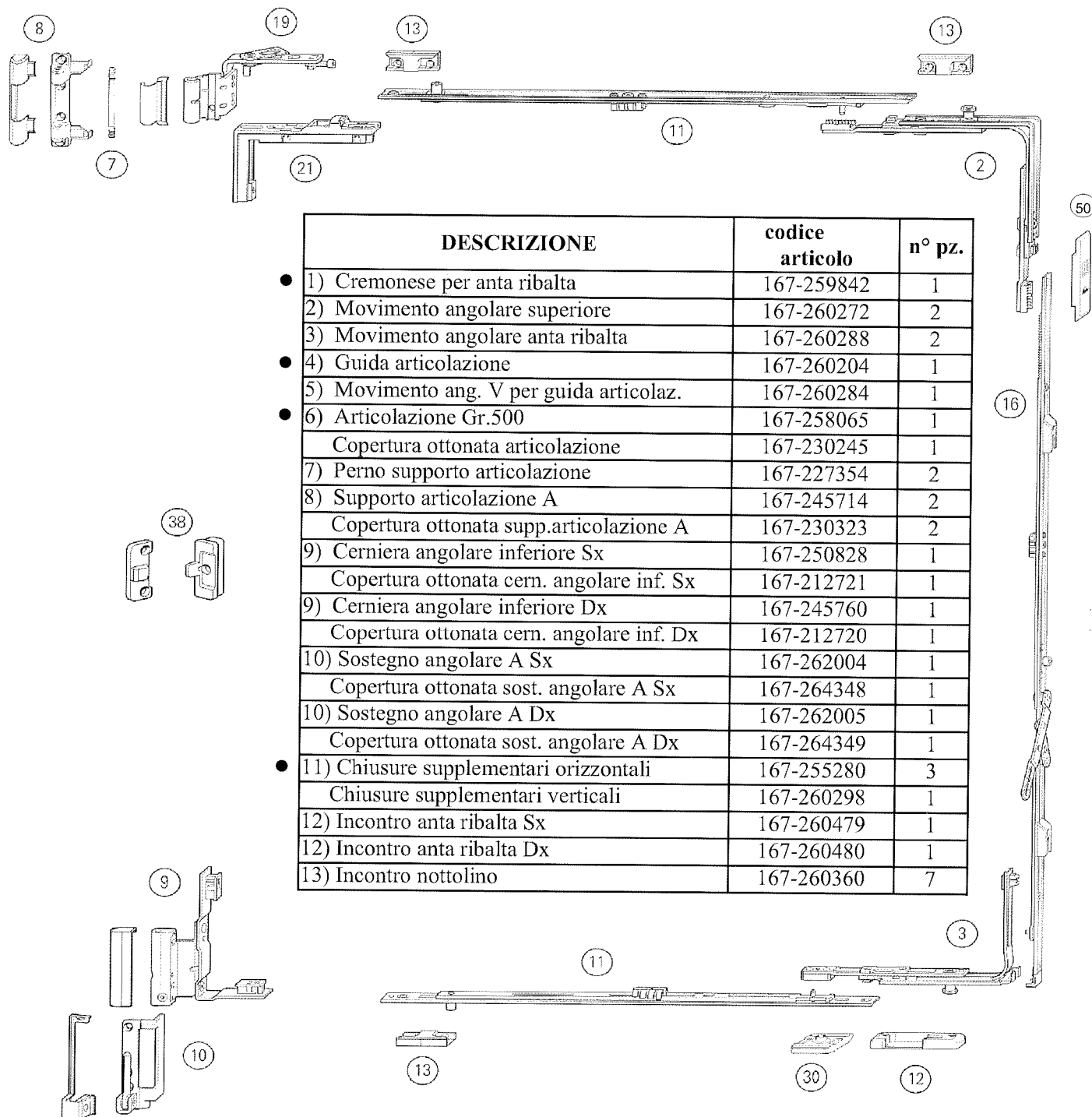
**Accessori**  
Accessories

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

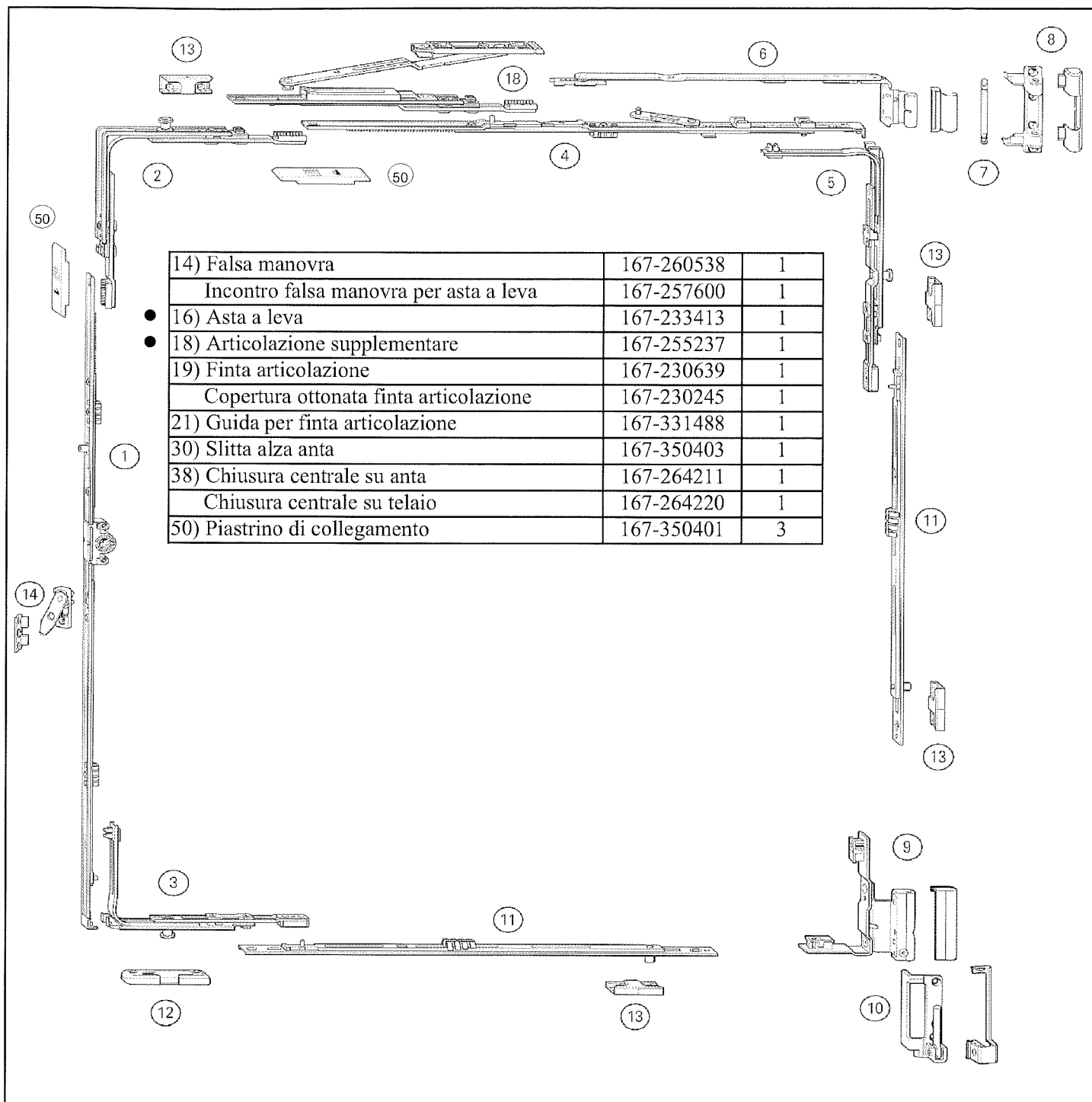
\*Var.squadrette a cianfrinare  
Version corner joints locked by crimping

**Guarnizioni**  
Gaskets

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



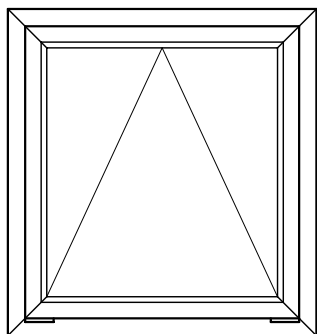
#### LIMITI DIMENSIONALI

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

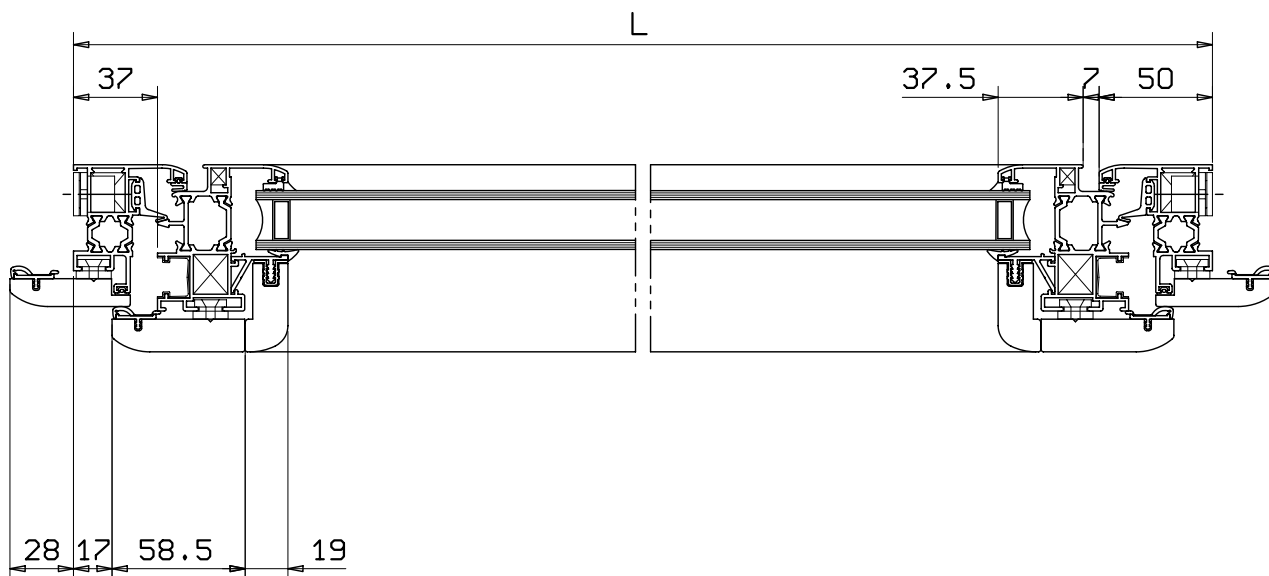
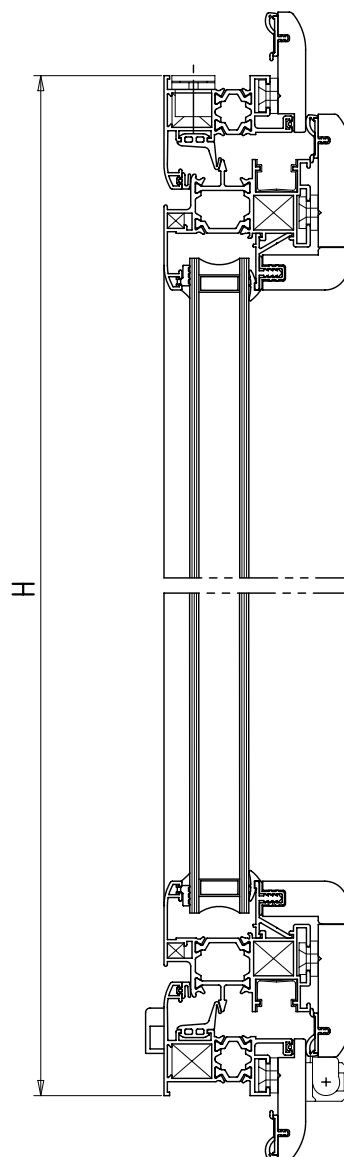
Gioco perimetrale tra profilo  
e vetro mm 5 minimo

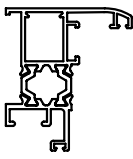
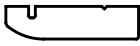
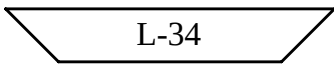
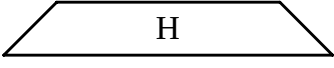
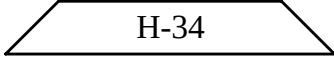
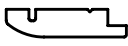
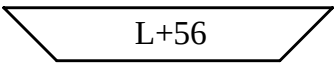
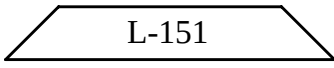
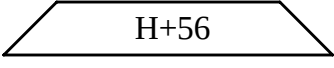
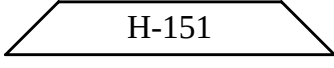
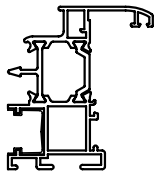
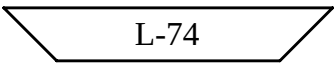
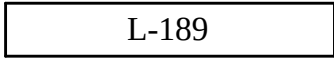
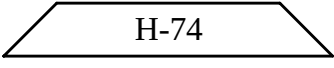
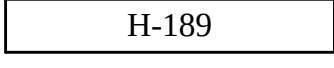
Space between glass and profile 5 mm minimum

Vetro N° 1 pezzo

Glass N° 1 piece

(L-161) (H-161)



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

## Accessori

### Accessories

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

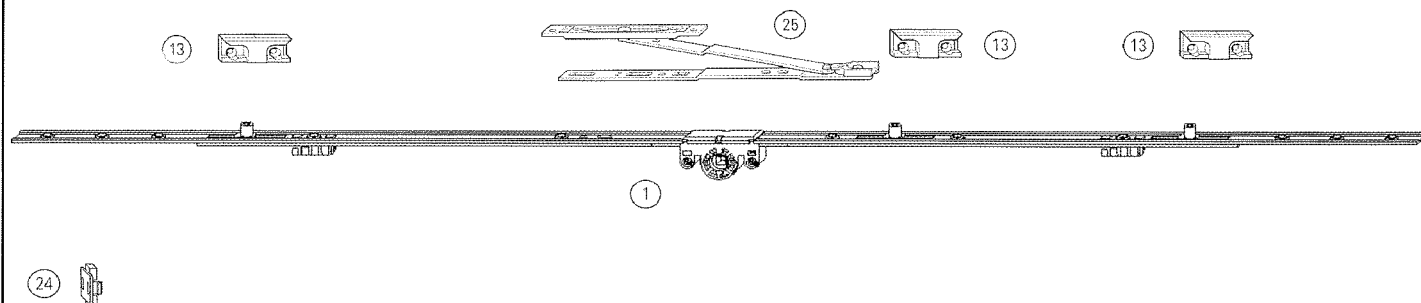
\*Var.squadrette a cianfrinare

Version corner joints locked by crimping

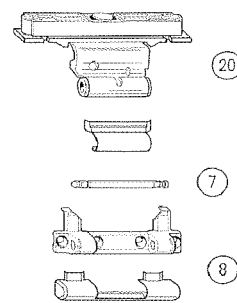
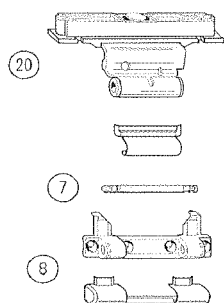
## Guarnizioni

### Gaskets

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



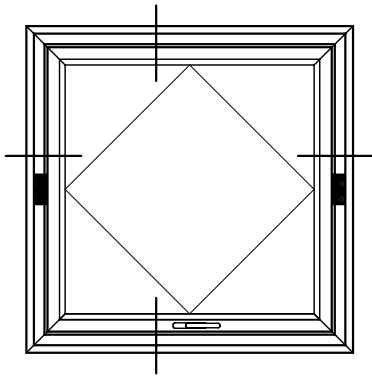
**LIMITI DIMENSIONALI**

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

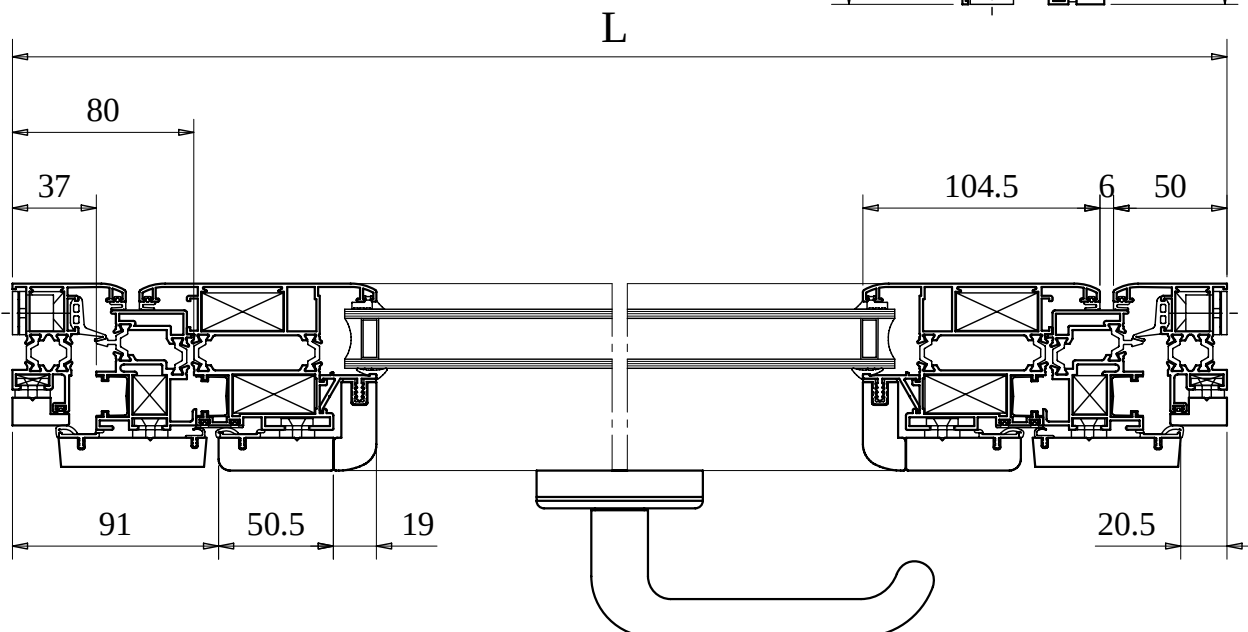
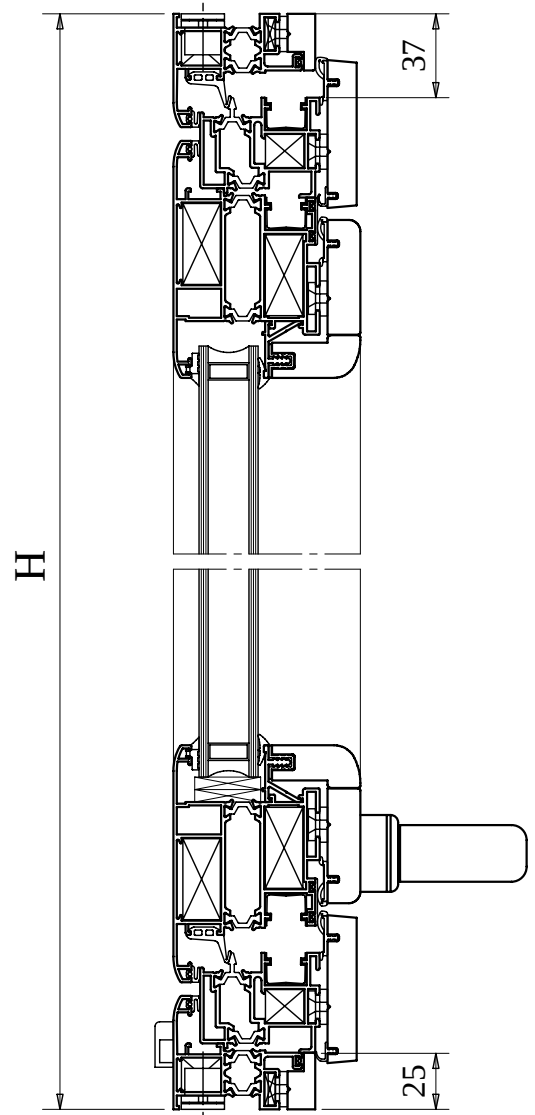
For glass with 26 mm thickness

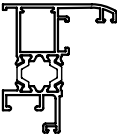
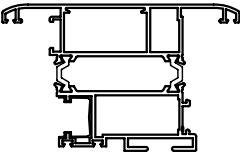
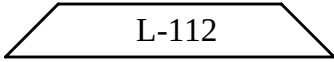
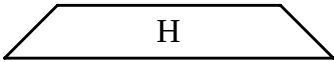
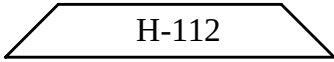
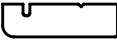
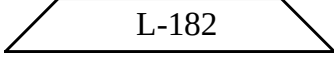
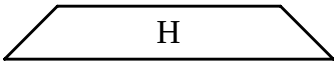
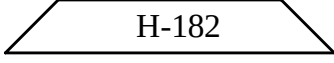
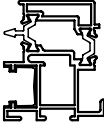
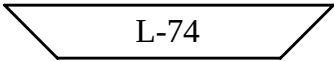
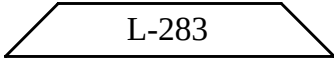
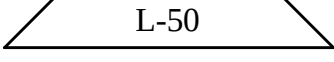
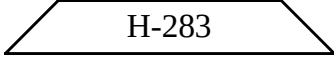
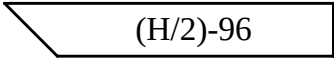
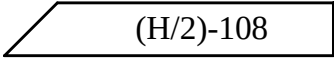
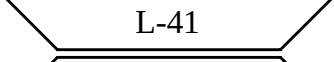
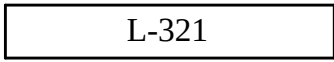
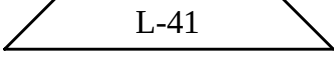
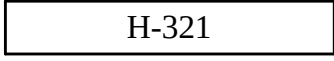
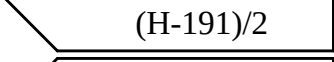
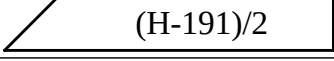
Gioco perimetrale tra profilo  
e vetro mm 5 minimo

Space between glass and profile 5 mm minimum

Vetro N° 1 pezzo

Glass N°1 piece  
(L-293) (H-293)



| Profilo<br>Profile                                                                 | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                     | Profilo<br>Profile                                                                  | N° Pezzi<br>Pcs | Schema di taglio<br>Preparation                                                       |
|------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|
|   | 2               |    |   | 2               |    |
| TTWA01                                                                             | 2               |    | TTWA12+<br>126-1155                                                                 | 2               |    |
|   | 2               |    |    | 2               |    |
| 3200                                                                               | 2               |    | 3217                                                                                | 2               |    |
|   | 1               |    |    | 2               |    |
| TTWA11+<br>126-1155                                                                | 1               |    | 3203                                                                                | 2               |  |
|                                                                                    | 2               |   |                                                                                     |                 |                                                                                       |
|                                                                                    | 2               |  |                                                                                     |                 |                                                                                       |
|  | 1               |  |  | 2               |  |
| 3216                                                                               | 1               |  | 14507                                                                               | 2               |  |
|                                                                                    | 2               |  |                                                                                     |                 |                                                                                       |
|                                                                                    | 2               |  |                                                                                     |                 |                                                                                       |

**Accessori**  
Accessories

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

**Guarnizioni**  
Gaskets

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

