

**MANUALI TECNICI
DEI SISTEMI:
EKU PERFEKTION ALU
EKU PERFEKTION CLASSIC**

EDIZIONE 03/2015



**TECHNICAL MANUAL
SYSTEMS:
EKU PERFEKTION ALU
EKU PERFEKTION CLASSIC**

EDITION 03/2015

MANUALE TECNICO EKU PERFEKTION ALU

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TECHNICAL MANUAL EKU PERFEKTION ALU

EDITION 03/2015

DESCRIZIONE TECNICA DEL SISTEMA PER SERRAMENTI A BATTENTE A TAGLIO TERMICO EKU PERFEKTION

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

Stato di fornitura: T5

Isolamento termico ottenuto tramite barrette in poliammide, inserite in apposite sedi tra i due profili in alluminio (guscio interno ed esterno) e successivamente bloccate mediante rullatura sulla parte esterna di alluminio.

Tolleranze dimensionali e spessori: UNI EN 12020-2

Lunghezza commerciale barre profilati: mm. 6500

I profilati a taglio termico della serie Eku Perfektion devono essere trattati superficialmente osservando i criteri previsti dalle direttive per l'ottenimento del marchio Qualanod, per l'anodizzazione e Qualicoat per la verniciatura; in ogni caso non dovrà essere superata la temperatura max di 190 °C per oltre 15 minuti, al fine di non pregiudicare le caratteristiche meccaniche e dimensionali della barretta in poliammide.

Caratteristiche principali del Sistema:

<i>Dimensione base:</i>	<i>- sezione del telaio fisso</i>	<i>mm. 62</i>
	<i>- sezione dell'anta</i>	<i>mm. 72</i>
	<i>- sovrapposizione a muro dei telai fissi</i>	<i>mm. 26</i>
	<i>- altezza sede vetro</i>	<i>mm. 21</i>
	<i>- larghezza massima per vetro o pannello</i>	<i>mm. 55</i>

inserimento del vetro con fermavetro a scatto con guarnizione;

sedi alloggiamento accessori: a dimensioni standard secondo camera europea mm. 14-18;

tenuta aria/acqua ottenuta tramite guarnizione centrale a giunto aperto, con guarnizione di tenuta parapolvere e antirumore inserita nella cava dell'aletta interna dell'anta;

possibilità d'impiego: i profilati consentono la costruzione di serramenti a superfici piane, complanari sul lato esterno e sormonto interno, con aletta di vetratura arrotondata e a vetro ad infilare; si possono fabbricare porte e finestre a battente, con apertura ad una o più ante, a wasistas, ad anta ribalta, monoblocco, vetrate fisse, vetrine per negozi, portoncini con apertura verso l'interno e/o esterno;

NOTE TECNICHE

Il peso dei profilati 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.

I momenti di inerzia riportati sono teorici.

Il Sistema di profilati riportato in questo catalogo è brevettato; tutti i dati riportati nel presente catalogo sono indicativi e non impegnano la Profilati S.p.A. e la Trafilerie Emiliane Sud S.p.A. 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 EKU PERFEKTION SYSTEM FOR THERMAL BREAK WINDOWS AND DOORS

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

Temper: T5

Thermal insulation obtained through polyamide bars, inserted in suitable seats between the two sides of the aluminium profiles and then locked by means of rolling on the external aluminium part.

Dimensional tolerances and thicknesses: UNI EN 12020-2

Commercial length of the bars: 6500 mm

The thermal break sections of the system Eku Perfektion have to be treated on the surface in compliance with the criteria set forth by the Qualanod Mark directives for anodizing and Qualicoat for varnishing.

The max. 190 °C temperature shall not be exceeded in any case for more than 15 minutes, in order not to jeopardize the mechanical and dimensional characteristics of the polyamide bars.

Main characteristics of the system:

Basic dimensions:	- fixed frame cross-section	mm. 62
	- wing cross-section	mm. 72
	- fin of rabbet for fixed frames	mm. 26
	- glass seat space	mm. 21
	- maximum width for glass or panel	mm. 55

Glass insertion by gasket snap connection glass beading or by glass insertion system;

Accessory housing seating: standard dimensions according to the 14-18 mm European Standard;

Sealing obtained through central open-joint gasket with weather strip inserted in the slot on the internal fin of the wing;

Application: the system allows for construction of plane surface fixtures, coplanar on the external side and the internal overlap. It is possible to manufacture casement windows, bottom hung, opening windows with one or more wings, balcony doors, fixed glazing panels.

TECHNICAL NOTES

The weight of the sections is theoretical and can vary according to the dimensional and thickness tolerances specified by UNI EN 12020-2 standard; The cutting dimension 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 situations which are most commonly found in practice and recommended solutions. Fixture mounting shall be in compliance with standards, requirements and specific recommendations existing in Italy.

The moments of inertia shown are theoretical.

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

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DILATAZIONE TERMICA LINEARE

Qualunque corpo solido di qualsivoglia materiale, sottoposto ad una variazione di temperatura subisce una variazione di volume. Un aumento della temperatura del corpo solido comporta un corrispondente incremento di volume e viceversa

una riduzione della temperatura genera un decremento di volume.

Normalmente le suddette variazioni di volume avvengono isotropicamente, ovvero il corpo solido subisce la stessa variazione percentuale di volume nelle tre dimensioni dello spazio.

Esistono comunque moltissimi casi in cui una dimensione del corpo solido prevale in maniera così evidente sulle rimanenti da rendere trascurabili, su queste ultime, gli effetti delle deformazioni conseguenti a variazioni della temperatura.

Questo è proprio il caso dei profili estrusi in alluminio dove la lunghezza del profilato è notevolmente superiore alle dimensioni della sezione ortogonale alla lunghezza stessa.

In tal caso si può parlare di **dilatazione termica lineare**.

Il coefficiente di dilatazione termica lineare, indicato con il simbolo λ , in prima approssimazione può essere considerato una costante dipendente dal materiale ed esprime la variazione di lunghezza subita da una barra di un metro in seguito ad una variazione di temperatura di un grado centigrado.

L'entità della deformazione subita viene calcolata confrontando le dimensioni spaziali del corpo prima e dopo la variazione della temperatura.

L'allungamento ΔL è proporzionale all'aumento di temperatura ed alla lunghezza iniziale della barra e si calcola con la seguente equazione:

$$\Delta L = L_t - L_o = \lambda L_o (t - t_o)$$

ovvero:

$$L_t = L_o + \lambda L_o (t - t_o) = L_o [1 + \lambda (t - t_o)]$$

dove:

t_o = temperatura iniziale ;

t = temperatura finale ;

L_t = lunghezza alla temperatura t ;

L_o = lunghezza alla temperatura t_o ;

λ = coefficiente di dilatazione termica (vedi tabella seguente) ;

Tabella coefficienti di dilatazione lineare: la tabella indica per alcuni tipi di materiale, in rapporto al proprio coefficiente di dilatazione lineare, di quanti mm si allunga una sbarra lunga 1 metro in seguito all'aumento di 1°C di temperatura.

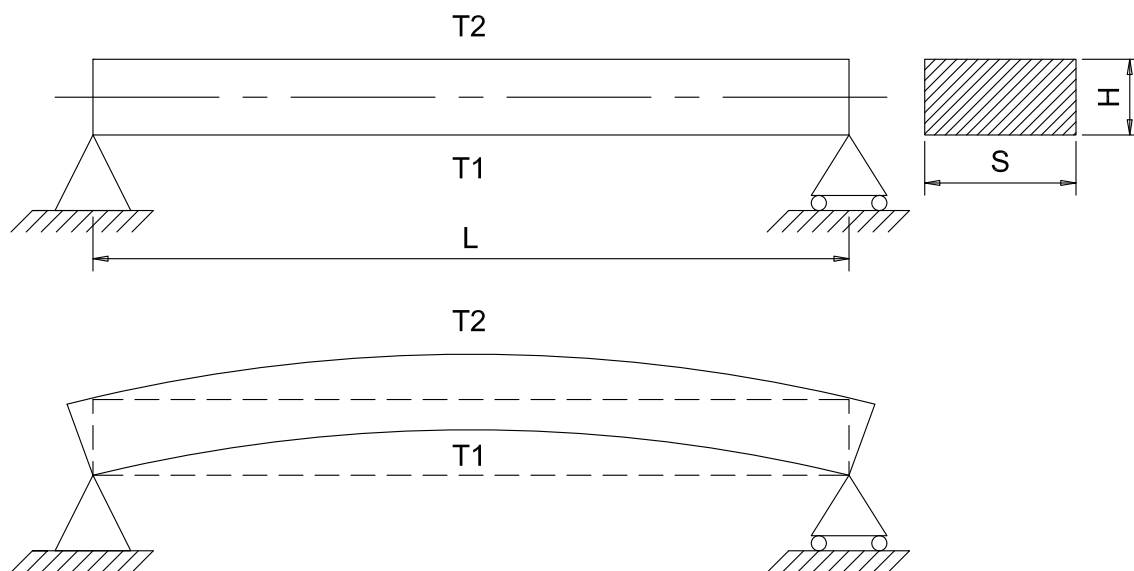
Materiale	$\lambda (^{\circ}\text{C}^{-1})$	Allungamento per aumento di 1°C per 1m di lunghezza (mm)
Acciaio	$11 \cdot 10^{-6}$	0,011
Alluminio	$24 \cdot 10^{-6}$	0,024
Ferro	$12 \cdot 10^{-6}$	0,012
P.V.C.	$70 \cdot 10^{-6}$	0,070
Vetro	$9 \cdot 10^{-6}$	0,009

DISTORSIONE TERMICA

I serramenti e le facciate continue tra le varie funzioni hanno anche quella, ben nota per il risparmio energetico, di separare ambienti aventi condizioni climatiche differenti. I profili estrusi in alluminio, siano essi a taglio termico o meno, sono quindi sottoposti a variazioni termiche notevoli. Queste variazioni sono particolarmente elevate nel periodo estivo quando la superficie esterna dei profilati è soggetta ad una elevata esposizione solare che, per il fenomeno dell'irraggiamento, genera un incremento di temperatura superficiale.

A causa di questo maggiore riscaldamento la parte esterna del profilo si dilata maggiormente rispetto a quella interna, generando una inflessione della barra, con estradosso rivolto verso l'esterno, che aumenta all'aumentare della differenza di temperatura tra le due superfici interna ed esterna del profilo stesso.

La situazione è illustrata nelle figure 1 e 2 dove il profilo è appoggiato alle estremità, è sottoposto ad una variazione termica lineare ΔT tra la superficie esterna, a temperatura T_2 esposta all'irraggiamento solare, e quella interna non esposta, a temperatura $T_1 < T_2$, e, a causa delle tensioni generate, subisce una inflessione con estradosso rivolto verso la superficie con temperatura più elevata.



Questo fenomeno, particolarmente visibile nelle aperture a nei profilati molto lunghi, è noto come **distorsione termica**, e questa deformazione, nei casi peggiori e durante le ore di maggiore irraggiamento solare, può causare difficoltà di apertura e chiusura di finestre e porte o generare altri tipi di malfunzionamento.

Il presente documento è da considerarsi di natura informativa ed ha l'unico scopo di informare i nostri clienti del fenomeno sopra descritto. La distorsione termica è sempre presente, in misura maggiore o minore, e non è completamente risolvibile con i materiali e le tecnologie attualmente disponibili per la costruzione di profilati per il settore edilizio.

La distorsione termica è ancor più evidente nei profili dotati di taglio termico che sono dotati di maggiori capacità isolanti e di conseguenza portano ad una maggiore differenza di temperatura tra le superfici interna ed esterna.

Esistono comunque alcune semplici procedure che, quando applicabili, possono considerevolmente ridurre gli effetti della deformazione termica:

- 1) La riduzione dell'esposizione diretta ai raggi solari
- 2) La riduzione della dimensione S della superficie esposta del profilo
- 3) L'utilizzo di finiture chiare del profilo
- 4) La riduzione della lunghezza L del profilo
- 5) L'utilizzo di profili aventi sezione di altezza H maggiore lungo il flusso di calore

Per ogni altra informazione o consulenza sulla correttezza di utilizzo dei profili, preghiamo di contattare l'Ufficio Tecnico di Profilati S.p.A.

THERMAL LINEAR EXPANSION

Every solid body, irrespective of the material, when exposed to temperature variations, undergoes a change in volume. An increase in temperature of the solid body means a corresponding increase in volume, whereas a decrease in temperature creates a reduction in volume.

Normally, the variations in volume are uniformly distributed, in other words the solid body has an equal change of volume in all three dimensions.

However, many cases exist where one dimension of the solid body is particularly affected thus rendering the deformations caused by temperature variations of the other dimensions almost negligible. This is exactly the case with extruded aluminium profiles where the length of the profiles is much greater compared to the orthogonal section of the same profile.

In this situation, the change in volume is referred to as **thermal linear expansion**

The coefficient of thermal linear expansion, indicated by the symbol λ , in general terms, can be considered a constant that depends on the material and represents the variation in length of a bar of one metre having undergone a temperature change of one degree.

The size of the deformation is calculated by comparing the dimensions of the bar before and after the temperature variation.

The increase in length ΔL is proportional to the increase in temperature and the initial length of the bar, it is calculated by using the following equation:

$$\Delta L = L_t - L_o = \lambda L_o (t - t_o)$$

or:

$$L_t = L_o + \lambda L_o (t - t_o) = L_o [1 + \lambda (t - t_o)]$$

where:

t_o = initial temperature ;

t = final temperature ;

L_t = length at temperature t ;

L_o = length at temperature t_o ;

λ = coefficient of thermal expansion (see following table) ;

The table below indicates for five materials the coefficient of thermal linear expansion, how many millimetres a one metre length bar expands having undergone a temperature increase of one degree.

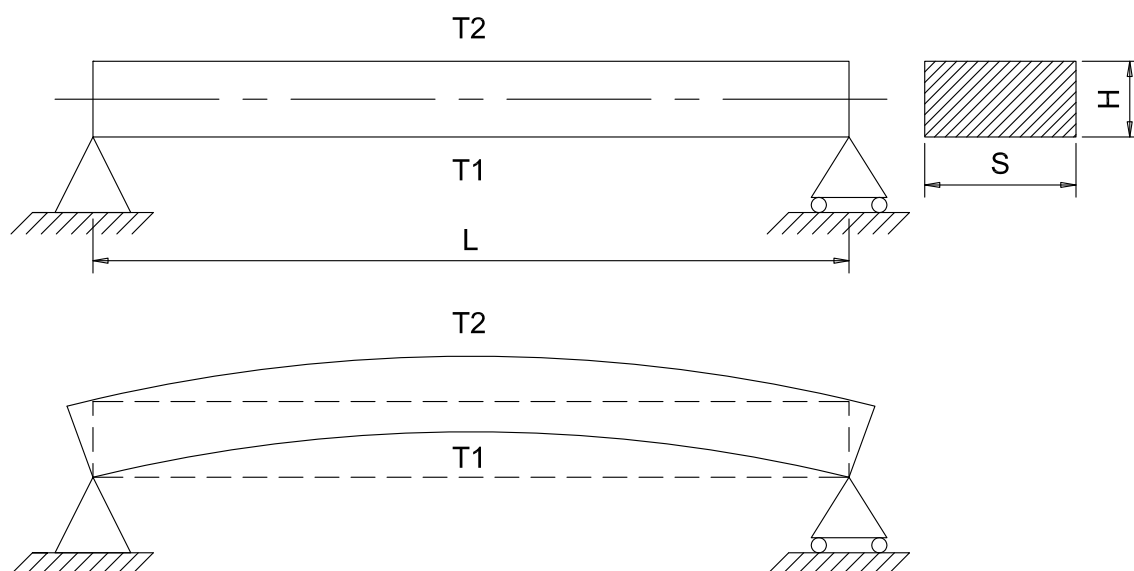
Material	$\lambda (^{\circ}\text{C}^{-1})$	Material length increase, 1 degree per 1m (mm)
Steel	$11 \cdot 10^{-6}$	0,011
Aluminium	$24 \cdot 10^{-6}$	0,024
Iron	$12 \cdot 10^{-6}$	0,012
P.V.C.	$70 \cdot 10^{-6}$	0,070
Glass	$9 \cdot 10^{-6}$	0,009

THERMAL DISTORSION

Window and door frames as well as curtain walling, among their many functions, well known for their energy-saving properties, to separate completely different environmental conditions. Extruded aluminium profiles that are used for window and door frames, either thermal break or not, are therefore exposed to large thermal variations. These variations are normally particularly extreme in the summer period, when the surface of the frames is subjected to strong sunlight that causes a substantial increase in temperature.

As a consequence of this heating, the surface exposed to the sun expands more compared to the side not exposed, thus causing an inflexion of the bar outward towards the external exposed surface, that increase with the difference of temperature between the internal and external surfaces of the profile.

The situation is illustrated in figure 1, where the profile is anchored at the ends, undergoes a temperature variation ΔT between the external exposed surface, at temperature T_2 , and the internal non-exposed surface, at temperature $T_1 < T_2$, and, because of the stress generated, an inflexion of the bar is caused, outward towards the more higher temperature surface.



This phenomenon, which is particularly visible on wing-opening and on very long transom, is known as **thermal distortion** and is the deformation that, in the worst cases and during the hours of max sunlight, can cause difficulty in opening and closing windows and doors or generate other types of malfunctioning.

The present document is intended to be only informative and has the purpose to inform all of our clients of the phenomenon described herein. The thermal distortion is always present, to a greater or lesser degree, and is not completely resolvable with the materials and technology currently available for the construction of profiles in the building sector.

The thermal distortion is even more evident in thermal break profiles as they have a larger insulating capacity, and as a consequence a greater difference in temperature between the exposed and non-exposed surfaces. Nevertheless, there are some simple procedures, where it is possible to apply them, that can considerably reduce the effects of the thermal distortion:

- 1) The reduction of the exposure to direct sunlight
- 2) The reduction in size S of the exposed surfaces of the profile
- 3) The use of light colour finishing on the profile
- 4) The reduction of the length L of the profile
- 5) The use of a higher profile width H where there is the heat flow

For any further information or advice on the correctness of specific building systems, please contact the Technical Office of Profilati S.p.A.

DESCRIZIONE TECNICA DEL SISTEMA

DESCRIZIONE CAPITOLATO :

MATERIALE

I profilati per serramenti saranno in lega di alluminio EN AW 6060 (EN 573-3 e EN 755-2) con stato fisico di fornitura T5 EN 515.

I telai fissi e le ante mobili dovranno essere realizzati con profilati ad interruzione di ponte termico con barrette in poliammide PA 6.6 rinforzate con fibra di vetro.

SERRAMENTI

Le finestre e le porte finestre dovranno avere un profilato di telaio con profondità da 62 mm. e l'anta mobile di 72 mm.

I telai potranno avere telai con alette di battuta sulla muratura da 26 mm.

I profilati ante mobili dovranno prevedere una aletta esterna di battuta vetro con altezza di 16 mm (21 mm. per i telai fissi).

ISOLAMENTO TERMICO

L' interruzione del ponte termico sarà ottenuta da barrette continue tubolari in poliammide da 24 mm.

L' assemblaggio dei profilati in alluminio a taglio termico dovrà garantire i valori di scorrimento tra profilati in alluminio e barrette in poliammide previsti dalla direttiva tecnica Europea (UEAtc).

DRENAGGI E VENTILAZIONE

I profilati esterni dei telai e delle ante dovranno prevedere una sede per la raccolta delle acque di infiltrazione onde poter permettere il deflusso delle stesse attraverso appositi scivoli e asole di scarico esterne a vista.

Le barrette in poliammide dovranno avere una conformazione geometrica tale da evitare l' eventuale ristagno di acque di infiltrazione.

ACCESSORI DI ASSEMBLAGGIO

Le giunzioni d' angolo tra profilati verticali e orizzontali dovranno essere perfettamente solidali ed unite mediante apposite squadrette in alluminio pressofuso e/o estruso, con metodo a bottone, cianfrinare, spinare e avvitare (45°).

Le sezioni dovranno essere opportunamente sigillate prima di essere unite con le squadrette.

I fermavetri saranno accoppiati a scatto direttamente nei canali dei profilati in alluminio senza l' ausilio di accessori in materiale plastico.

GUARNIZIONI

Le guarnizioni, cingivetro, di tenuta, di battuta dovranno essere in elastomero (EPDM) e/o in silicone.

PRESTAZIONI DEI SERRAMENTI

Dovranno avere prestazioni di permeabilità all' aria, tenuta all' acqua e resistenza ai carichi del vento conformi alle norme EN 12207-12208-12210-1026-1027-12211.

- Tenuta all'aria : classe 4
- Tenuta all'acqua : classe E1200
- Resistenza al carico del vento : classe C5

TECHNICAL DESCRIPTION SPECIFICATION

TECHNICAL DESCRIPTION SPECIFICATIONS:

MATERIAL

The profiles for window and door frames are extruded in alloy EN AW 6060 (EN 573/3 and EN 755-2), supply state T5 EN 515.

The wings and fixed frames have to be made of thermal break profiles with the insertion of polyamide bars PA 6.6 reinforced with fibreglass.

WINDOW AND DOOR FRAME CONSTRUCTION

The windows and the french windows have to be constructed with a frame width of 62 mm and a wing width of 72 mm.

The frames can have an wall overlap of 26 mm.

The wing profiles have to be constructed with a glass seating space height of 16 mm. (21 mm. for fixed frame)

THERMAL INSULATION

The thermal break shall be obtained by the insertion of 24 mm polyamide tubular bars PA 6.6 reinforced with fibreglass.

The assembly of the aluminium thermal break profiles has to guarantee the value of mechanical sliding resistance between the aluminum profiles and the polyamide bars, according to the European technical directive (UEAtc).

DRAINAGE AND VENTILATION

The external profiles of the frame and wings have to be built with a drainage system to collect and channel infiltrations of water towards drainage slots for external elimination.

The polyamide bars have to be designed with a shape to avoid the accumulation of water infiltrations.

ACCESSORIES

The joints of the vertical and horizontal profiles have to be perfectly connected by specific aluminium corner joints.

The sections have to be appropriately sealed before being joined with the corner joints.

The glass beading has to be snapped in the specific housing area without plastic accessories.

SEALING GASKETS AND BRUSHING

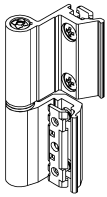
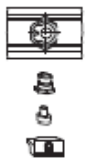
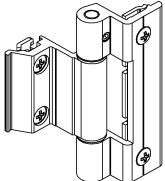
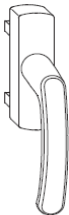
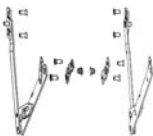
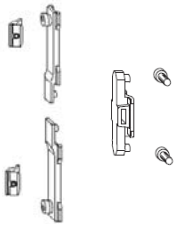
All sealing gaskets have to be in EPDM and/or silicon.

PERFORMANCE

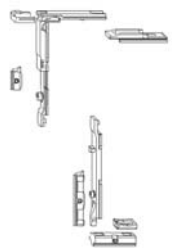
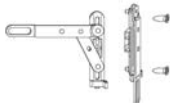
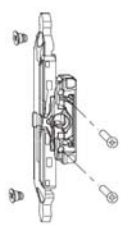
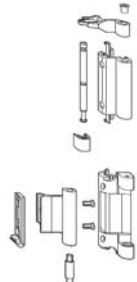
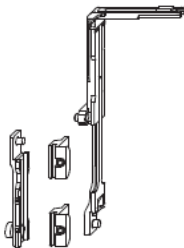
The window and door frame systems have to respect the norms for air permeability, water tightness and wind resistance EN 12207, EN 1026, EN 12208, EN 1027, EN 12210, EN 12211

Air permeability:	class 4
Water tightness:	class E1200
Wind resistance:	class C5

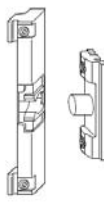
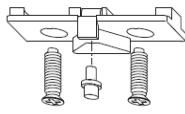
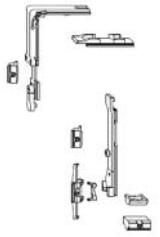
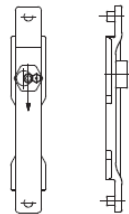
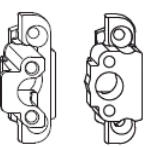
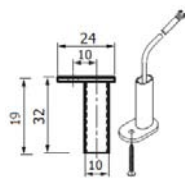
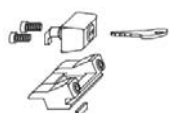
Accessori - Accessory

	art. EA-0001.. * cerniera ad infilare per telai a sormonto portata: kg . 80 con due cerniere hinge fitted to the overlapping frame		art. EA-0008 kit di chiusura supplementare registrabile additional adjustable fastening kit
	art. EA-0002.. * cerniera a pettine per telai a sormonto - portata: kg . 80/100 con due cerniere Two-handed comb hinge for overlapping frame - capacity: kg. 80/100 with two hinges		art. EA-0009 chiusura intermedia supplementare intermediate additional closing
	art. EA-0003.. * cremonese "Globe" aperture ad anta semplice rotazione 90° "Globe" cremone for casement window 90° rotation		art. EA-0010 braccio vasistas orizzontale per larghezze anta superiori a 920 mm. applicare 2 bracci horizontal vasistas harm. Apply two arms in case of wing width over 920 mm
	art. EA-0004.. * cremonese "Globe" aperture ad anta semplice ed anta ribalta rotazione 180° "Globe" cremone for tilt and turn opening and casement window 180° rotation		art. EA-0011 braccio di sicurezza per vasistas per altezza ante da 350 a 600 mm. da abbinare con articolo EA-0006 vasistas safety arm for wing height 350 to 600 mm. to combine with item EA-0006
	art. EA-0006 piastrina di spessoramento per articolo EA-0011 ed EA-0012 shim plate for item EA-0011 and EA-0012		art. EA-0012 braccio di sicurezza per vasistas per altezza ante da 601 a 1200 mm. da abbinare con articolo EA-0006 vasistas safety arm for wing height 601 to 1200 mm. to combine with item EA-0006
	art. EA-0007 rosto di chiusura supplementare additional closing element		art. EA-0013 kit chiusure per anta semplice e vasistas casement window and vasistas closing kit

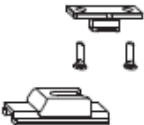
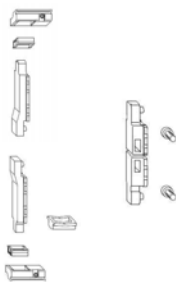
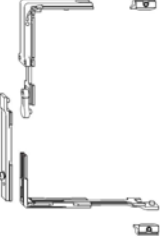
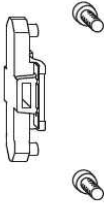
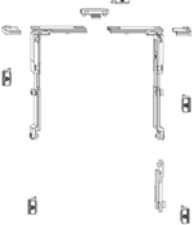
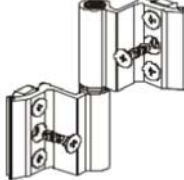
Accessori - Accessory

	art. EA-0014 kit chiusura anta secondaria combined wing closing kit		art. EA-0020 kit base anta ribalta Tilt and turn mechanism
	art. EA-0015 leva di comando per articolo EA-0014 lever movement for item EA-0014		art. EA-0021 movimentazione interna per martellina quadro 7 mm. con dispositivo anti falsa manovra internal device for handle (square connection 7 mm.) with anti false manoeuvre
	art. EA-0016 kit aggiuntivo per portate di 130 kg. da abbinare con EA-0022 additional kit for maximum sash weight 130 kg. to combine with EA-0022		art. EA-0022..* confezione cerniere anta abbinata ed anta/ribalta portata 100/130 kg kit hinges for tilt and turn and combined window capacity: kg. 100/130
	art. EA-0017 kit chiusure anta semplice con puntali in PVC casement window closing kit with PVC terminal		art. EA-0023 braccio cerniera anta abbinata (con EA-0022) arm hinge combined wing (with EA-0022)
	art. EA-0018 martellina "Globe" (quadro 7 mm.) "Globe" handle (square connection 7 mm.)		art. EA-0024 braccio anta ribalta per ante da 355 a 600 mm tilt and turn arm for wing from 355 to 600 mm
	art. EA-0019 chiusura supplementare verticale ed orizzontale horizontal and vertical additional closing		art. EA-0025 braccio anta ribalta per ante da 601 a 1250 mm tilt and turn arm for wing from 601 to 1250 mm

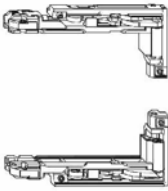
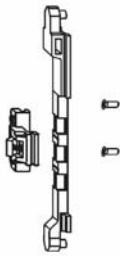
Accessori - Accessory

	art. EA-0026 braccio supplementare anta ribalta per ante da 1251 a 1600 mm. combined wing closing kit		art. EA-0045..* cremonese "Globe" aperture ad anta semplice ed anta ribalta rotazione 180° con chiave "Globe" lockable cremone for tilt and opening and casement window 180° rotation
	art. EA-0027 dispositivo ferma anta wing stop device		art. EA-0046 dispositivo per micro ventilazione micro-ventilation device
	art. EA-0041 kit base anta ribalta TBT "logica" Tilt and turn mechanism TBT "logic"		art. EA-0047 adattatore foro astina da 8 a 6 mm. rod hole adapter from 8 to 6 mm.
	art. EA-0042..* martellina "Globe RR" "Globe RR" handle		art. EA-0048 collegamento "Aerocontrol" "Aerocontrol" connection
	art. EA-0043 movimentazione interna per martelline art. EA-0042 e EA-0044 internal device for handle item EA-0042 and EA-0044		art. EA-0049 sensore magnetico "Aerocontrol" con cavo da 6 mt. "Aerocontrol" magnetic sensor with 6mt. wire
	art. EA-0044..* martellina con chiave "Globe RR" "Globe RR" lockable handle		art. EA-0050..* serratura lock

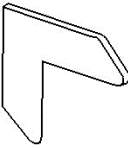
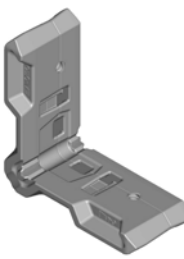
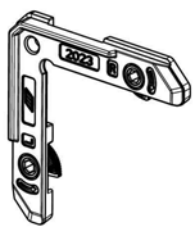
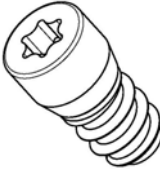
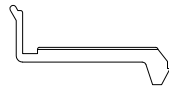
Accessori - Accessory

	art. EA-0051 kit chiusura antieffrazione tamper-proof closing kit		art. EA-0057 blocco rotazione cremonese a 90° rotation lock cremone to 90°
	art. EA-0052 registrazione laterale cerniere hinges lateral adjusting		art. EA-0058 kit chiusure per infisso a due ante semplici two wings casement window closing kit
	art. EA-0053 kit chiusure multipunto per anta semplice casement window multipoint closing kit		art. EA-0059 terminale asta con nottolino rod terminal with locking pawl
	art. EA-0054 cursore di collegamento cremonese con rotazione 180° connection device for cremone 180° rotation		art. EA-0060 kit chiusura vasistas vasistas closing kit
	art. EA-0055..* cerniera ad infilare per 3a anta 3rd wing fitted hinge		art. EA-0061 braccio supplementare vasistas Additional arm vasistas wing
	art. EA-0056 sostegno cremonese cremone support		art. EA-0106 chiusura supplementare per TBT "logica" TBT "logic" additional closing

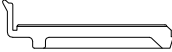
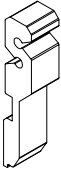
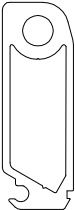
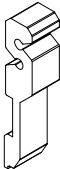
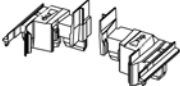
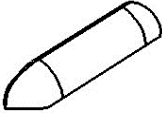
Accessori - Accessory

	art. EA-0150 kit cerniere a scomparsa anta-ribalta DX max 100 Kg per ante da 450 a 700 mm hidden hinges for right tilt and turn max 100 Kg wing from 450 to 700 mm		art. EA-0156 braccio supplementare anta ribalta additional arm for tilt and turn
	art. EA-0151 kit cerniere a scomparsa anta-ribalta SX max 100 Kg per ante da 450 a 700 mm hidden hinges for left tilt and turn max 100 Kg wing from 450 to 700 mm		art. EA-0157 braccio limitatore apertura 90° limiting arm opening 90°
	art. EA-0152 kit cerniere a scomparsa anta-ribalta DX max 100 Kg per ante da 620 a 1250 mm hidden hinges for right tilt and turn max 100 Kg wing from 620 to 1250 mm		art. EA-0158 chiusure supplementari verticali additional vertical closure
	art. EA-0153 kit cerniere a scomparsa anta-ribalta SX max 100 Kg per ante da 450 a 700 mm hidden hinges for left tilt and turn max 100 Kg wing from 620 to 1250 mm		art. EA-0159 kit cerniere a scomparsa anta/vasistas portata 100/50 Kg hidden hinges for wing/vasistas capacity 100/50 Kg
	art. EA-0154 kit aggiuntivo DX per portate 130 Kg Additional kit for 130 Kg right wing		art. EA-0160 kit anti falsa manovra per cremonese EA-0004 (sostituisce EA-0005) kit anti false manoeuvre for cremone EA-0004 (replace EA-0005)
	art. EA-0155 kit aggiuntivo SX per portate 130 Kg Additional kit for 130 Kg left wing		* Colori standard: art. EA-.....BI --> bianco RAL 9016 art. EA-.....AR --> argento RAL 9006 art. EA-.....NE --> nero RAL 9005 * Standard colours: art. EA-.....BI --> white RAL 9016 art. EA-.....AR --> silver RAL 9006 art. EA-.....NE --> black RAL 9005

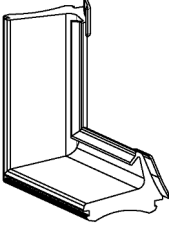
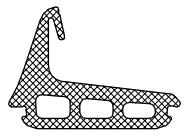
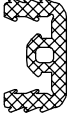
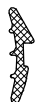
Accessori - Accessory

	art. 153-040.4 squadretta allineamento interna anta internal alignment corner joint for wing		art. EA-0118 spina per squadrette interne pin for internal corner joint
	art. EA-0113 squadretta esterna anta cianfrinare o spinare external corner joint locked by crimping or pinning for wing		art. EA-0119 spina per squadrette esterne pin for external corner joint
	art. EA-0114 squadretta esterna telaio cianfrinare o spinare external corner joint locked by crimping or pinning for frame		art. EA-0131 tappo di tenuta a giunto aperto per profilo di riporto TTP620 Seal plug for central rabbet TTP620
	art. EA-0115 squadretta interna telaio cianfrinare, spinare o avvitare internal corner joint locked by crimping, pinning or screwing for frame		art. EA-0147 squadretta allineamento esterna telaio external alignment corner joint for frame
	art. EA-0116 squadretta interna anta cianfrinare, spinare o avvitare internal corner joint locked by crimping, pinning or screwing for wing		art. EA-0148 squadretta allineamento esterna anta external alignment corner joint for wing
	art. EA-0117 vite per squadrette interne screw for internal corner joint		art. EA-0144 tassello vetro per telai frame glass support

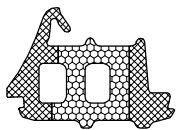
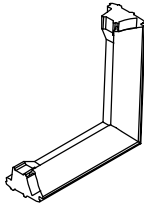
Accessori - Accessory

	art. EA-0145 tassello vetro per ante wing glass support		art. EA-0187 cavallotto esterno per telai external T joint for frame
	art. EA-0161 cavallotto interno (fissaggio tramite EG-0052) internal T joint (fastening by item EG-0052)		
	art. EA-0162 cavallotto esterno per ante external T joint for wing		
	art. EA-0163 tappo di tenuta a giunto aperto per profilo incontro T/Z Seal plug for central T/Z profiles		
	art. 142-2145 cappetta copri asola di drenaggio acqua cover cup for drainage water buttonhole		
	art. 172-A001 espansore di regolazione e fissaggio a muro adjusting expander and wall fastening		

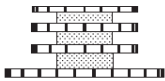
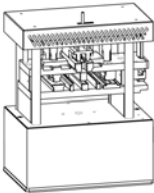
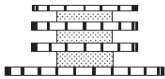
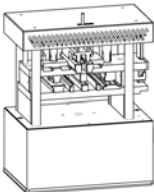
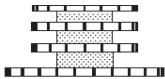
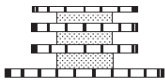
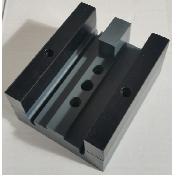
Guarnizioni - Gaskets

	art. 126-2194 guarnizione di vetratura interna spessore 3/4 mm mm 3/4 thick internal glass beading		art. 145-DU2308 angolo vulcanizzato per pinna centrale 145-DU5233 vulcanized angle for gasket 145-DU5233
	art. 126-2195 guarnizione di vetratura interna spessore 5/6 mm mm 5/6 thick internal glass beading		art. 145-DU5233 guarnizione di tenuta centrale a giunto aperto open joint central seal
	art. 126-2197 guarnizione di vetratura interna spessore 7/8 mm mm 7/8 thick internal glass beading		art. 526-7026 guarnizione in gomma siliconica per apertura strutturale silicone rubber gasket for structural opening
	art. 126-2355 guarnizione di battuta interna internal rabbet gasket		art. EG-0023 guarnizione sottovetro espansa con biadesivo insulating double-sided adhesive foam gasket
	art. 126-2429 guarnizione copricava fermavetro glass beading cover cavity gasket		art. EG-0052 guarnizione per fissaggio fermavetri e cavallotti (L = 50 mm.) gasket for fixing glass beading and T joint (W = 50 mm.)
	art. 126-2800 guarnizione di vetratura interna spessore 2 mm mm 2 thick internal glass beading		art. EG-0053 guarnizione di isolamento telaio/muro frame/wall insulation gasket

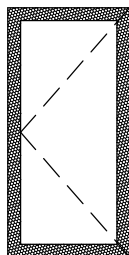
Guarnizioni - Gaskets

	art. EG-0059 guarnizione di tenuta centrale a giunto aperto termica per accessori a scomparsa thermal open joint central seal for concealed accessories		
	art. EG-0065 angolo vulcanizzato per pinna centrale EG-0059 vulcanized angle for gasket EG-0059		
	art. EG-0069 guarnizione di vetratura esterna spessore 4 mm mm 4 thick external glass beading		

Attrezzature - Equipements

	art. EU-0009 gruppo frese per intestatura fermavetri milling cutter for end milling glass beading		art. EP-0005 intestatrice per fermavetri end milling glass beading machine
	art. EU-0010 gruppo frese per telai fissi milling cutter for fixed frame		art. EP-0006 punzonatrice punching machine
	art. EU-0011 gruppo frese per ante milling cutter for wings profiles		
	art. EU-0012 gruppo frese per incontro centrale T-Z milling cutter for central rabbet T-Z		
	art. EU-0013 dima per EU-0009 drilling template for EU-0009		

Layout accessori a vista - On view accessories layout

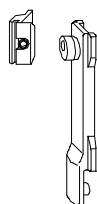


Schema accessori anta portata Kg 80 per telai TTP601 e TTP602

One wing scheme accessories capacity Kg 80 for TTP601 and TTP602 frames

Campo di impiego finestra:
LA >500<1000 HA >400<2000

Campo di impiego portafinestra:
LA >500<1000 HA >400<2000



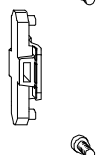
EA-0004



EA-0056

EA-0013

EA-0007

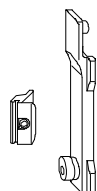


Alternativa
meccanismo incassato
per martellina
EA-0021

EA-0007
HA>1250

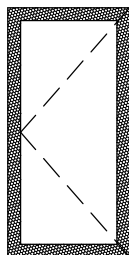


EA-0001



EA-0057 - Opzionale

Layout accessori a vista - On view accessories layout



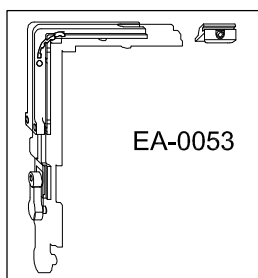
Schema accessori anta portata Kg 100/130 per telaio TTP602

One wing scheme accessories capacity Kg 100/130 for TTP602 frame

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Campo di impiego portafinestra:
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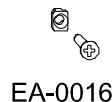
EA-0023



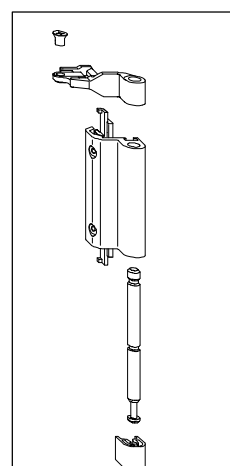
EA-0053



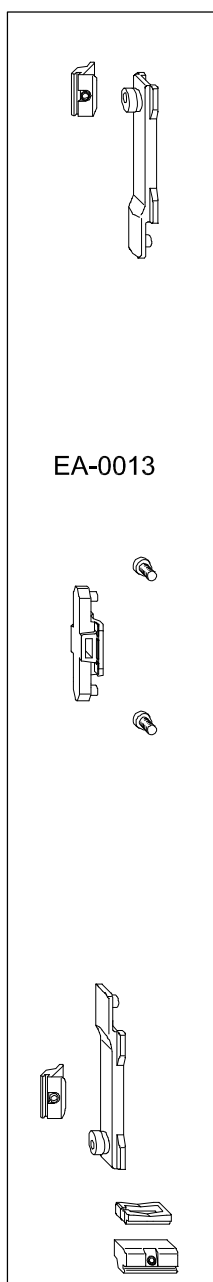
EA-0059



EA-0016



EA-0022

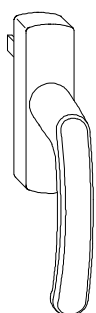


EA-0013

EA-0007



EA-0056

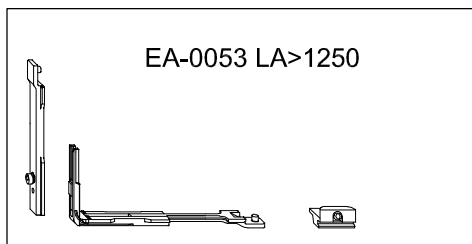


EA-0004



Alternativa
meccanismo incassato
per martellina
EA-0021

EA-0007
HA>1250



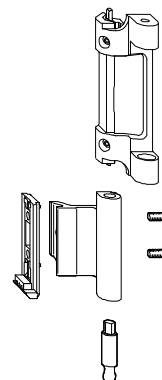
EA-0053 LA>1250



EA-0057 - Opzionale



EA-0059

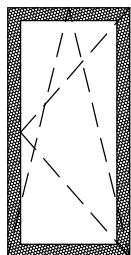


EA-0052

Layout accessori a vista - On view accessories layout

Schema accessori anta ribalta portata Kg 100/130 per telaio TTP602

One wing Tilt-Turn scheme accessories capacity Kg 100/130 for TTP602 frame



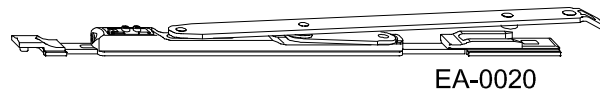
EA-0026 LA>1250<1600



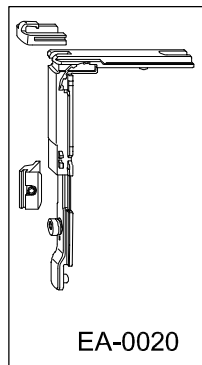
EA-0024 LA>500<600

EA-0025 LA>601<1250

EA-0026 LA>1251<1600



EA-0020

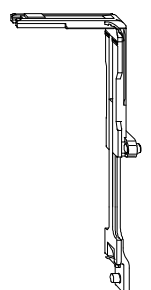
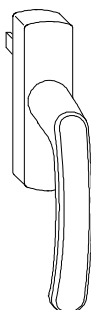


EA-0020

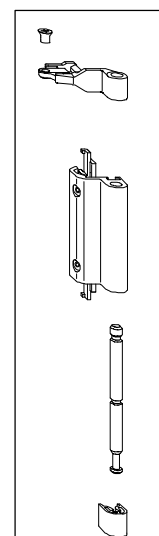
EA-0019

EA-0026

EA-0004

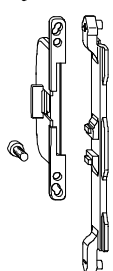


EA-0019
HA>1250



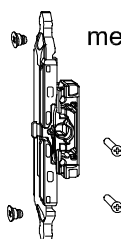
EA-0016

EA-0019



EA-0160

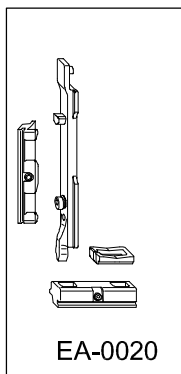
Alternativa
meccanismo incassato
per martellina
EA-0021



EA-0022

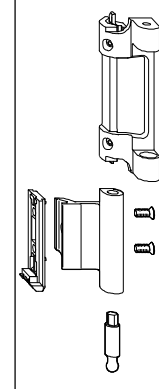
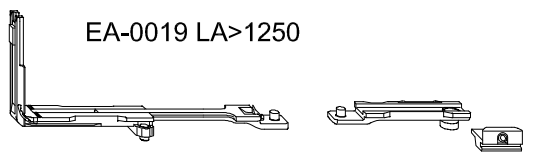
Campo di impiego finestra:
LA >500<1600 HA >500<2000

Campo di impiego portafinestra:
LA >500<1300 HA >500<2400



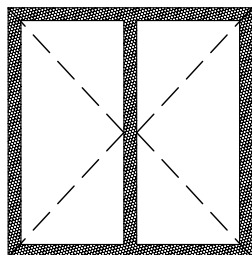
EA-0020

EA-0019 LA>1250



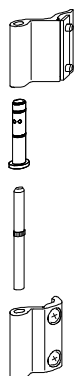
EA-0052

Layout accessori a vista - On view accessories layout



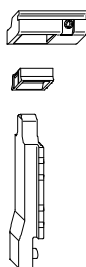
Schema accessori finestra due ante portata Kg 80 per telai TTP601 e TTP602
Two wing window scheme accessories capacity Kg 80 for TTP601 and TTP602 frames

N.B.: In caso di seconda anta
semifissa, aggiungere accessorio
EA-0014 (o EA-0014+EA-0015)
come Layout pag. 2-16

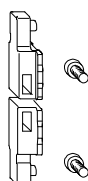


EA-0001

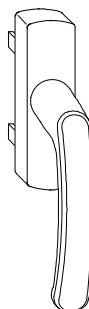
EA-0007
HA>1250



EA-0058



EA-0003



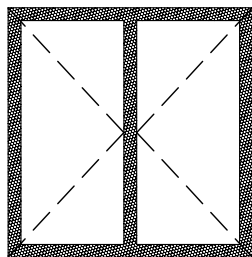
EA-0007
HA>1250



EA-0001



Layout accessori a vista - On view accessories layout



Schema accessori finestra due ante portata Kg 100/130 per telaio TTP602
Two wing window scheme accessories capacity Kg 100/130 for TTP602 frame

N.B.: In caso di seconda anta
semifissa, aggiungere accessorio
EA-0014 (o EA-0014+EA-0015)
come Layout pag. 2-16

EA-0023



EA-0023



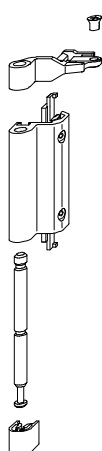
EA-0016



EA-0016



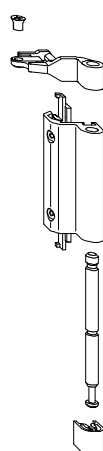
EA-0022



EA-0007
HA>1250



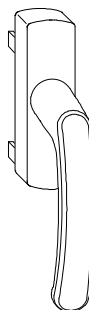
EA-0022



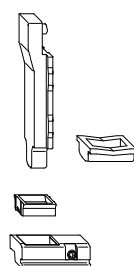
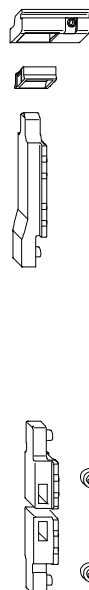
EA-0007
HA>1250



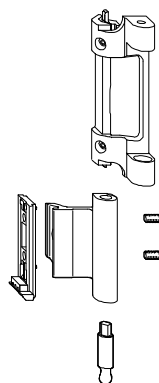
EA-0003



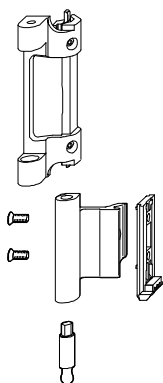
EA-0058



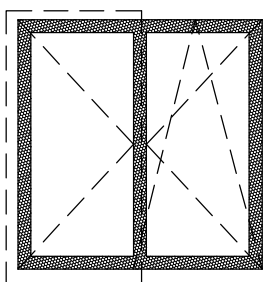
EA-0052



EA-0052



Layout accessori a vista - On view accessories layout

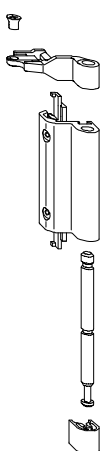


Schema seconda anta tipologia A/R 2 ante Kg 100/130 per telaio TTP602

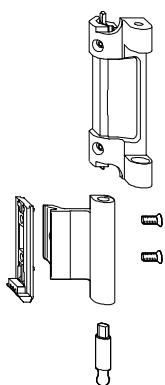
Second wing scheme accessories 2 wings Tilt-Turn Kg 100/130 for TTP602 frame

Campo di impiego finestra:
LA >500<1250 HA >680<2000
Campo di impiego portafinestra:
LA >500<1300 HA >680<2400

EA-0023



EA-0022



EA-0052

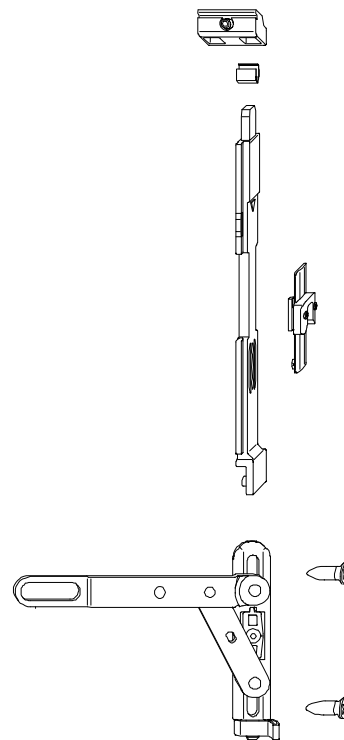
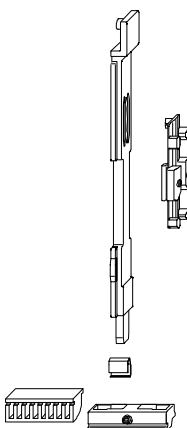


EA-0016

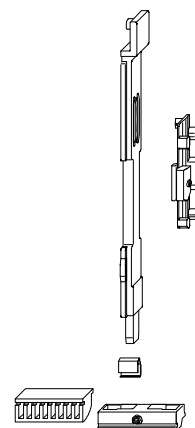
EA-0007



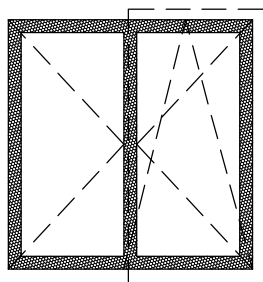
EA-0014



Alternativa con leva
EA-0014 + EA-0015



Layout accessori a vista - On view accessories layout



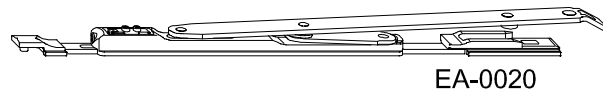
Schema prima ante tipologia A/R 2 ante Kg 100/130 per telaio TTP602

Main wing scheme accessories 2 wings Tilt-Turn Kg 100/130 for TTP602 frame

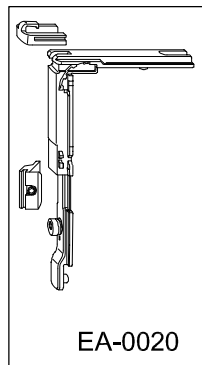
EA-0026 LA>1250<1600



EA-0024 LA>500<600
EA-0025 LA>601<1250
EA-0026 LA>1251<1600

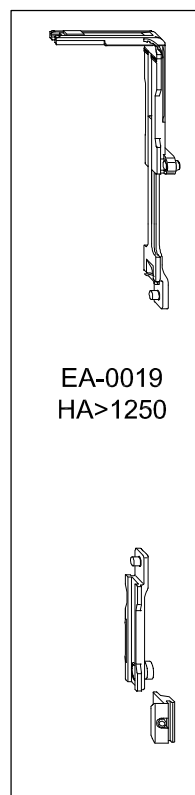
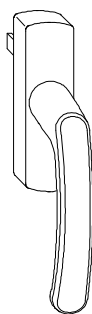


EA-0020



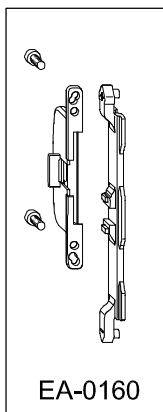
EA-0020

EA-0004



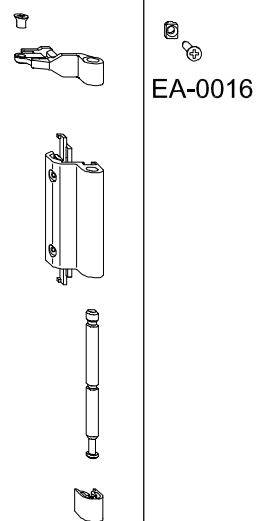
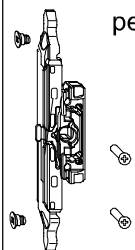
EA-0019
HA>1250

EA-0019



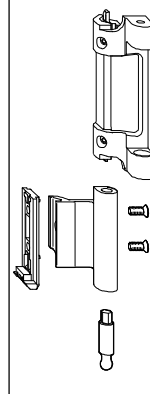
EA-0160

Alternativa
meccanismo incassato
per martellina
EA-0021

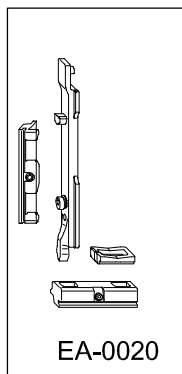


EA-0016

EA-0022



EA-0052

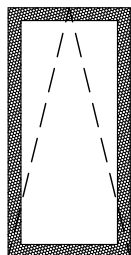


EA-0020

Campo di impiego finestra:
LA >500<1250 HA >680<2000

Campo di impiego portafinestra:
LA >500<1300 HA >680<2400

Layout accessori a vista - On view accessories layout



Schema accessori vasistas portata Kg 40/100 maniglia verticale per telai TTP601 e TTP602

Hopper window scheme accessories capacity Kg 40/100 vertical handle for TTP601 and TTP602 frames

Campo di impiego finestra:
LA >520<1600 HA >500<2000

N° 1 EA-0010 + N° 1 EA-0061 LA>520<920 mm max. 40 Kg

N° 2 EA-0010 + N° 2 EA-0061 LA>920<1600 mm max. 100 Kg

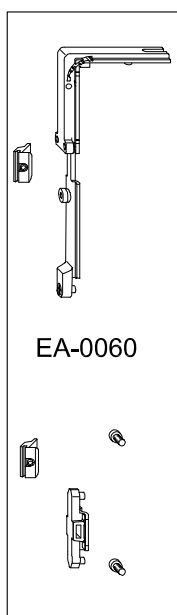
Aggiungere chiusura supplementare
centrale presente in accessorio
EA-0060 nel caso LA>920<1600 mm



EA-0010



EA-0061

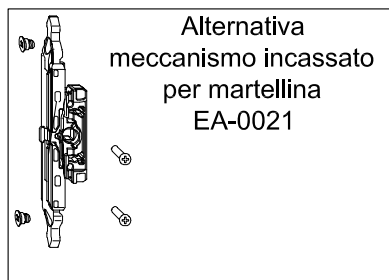


EA-0060

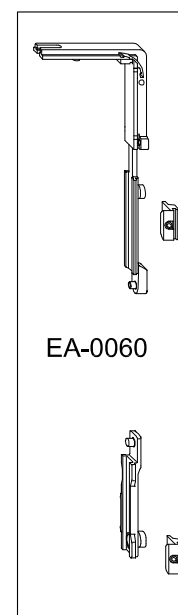


EA-0056

EA-0004

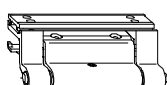


Alternativa
meccanismo incassato
per martellina
EA-0021

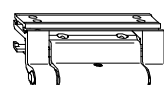


EA-0060

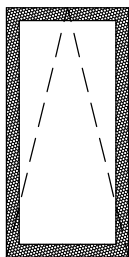
EA-0002



EA-0002



Layout accessori a vista - On view accessories layout



Schema accessori vasistas portata Kg 30/50 maniglia orizzontale per telai TTP601 e TTP602

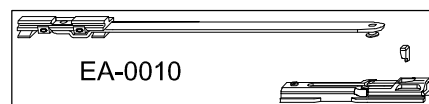
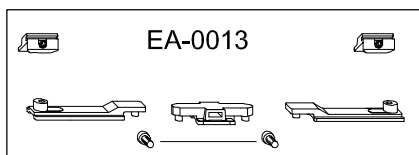
Hopper window scheme accessories capacity Kg 30/50 horizontal handle for TTP601 and TTP602 frames

Campo di impiego finestra:
LA >400<2400 HA >500<1200

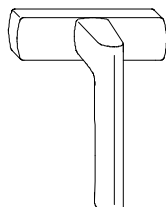
N° 1 EA-0010 LA>400<1000 mm max. 30 Kg

N° 2 EA-0010 LA>1000<2400 mm max. 50 Kg

EA-0019



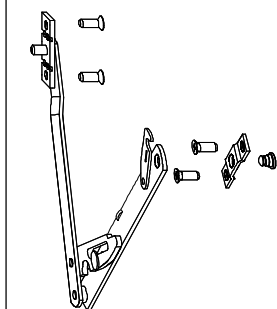
EA-0056



EA-0004

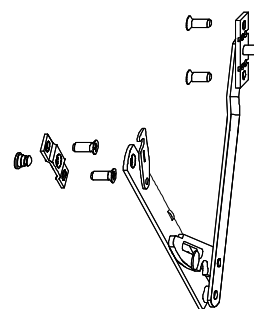
EA-0006

HA>350<600 mm EA-0011
HA>600<2400 mm EA-0012

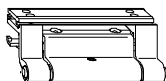


EA-0006

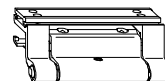
HA>350<600 mm EA-0011
HA>600<2400 mm EA-0012



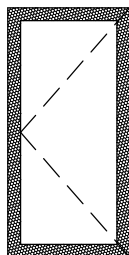
EA-0002



EA-0002



Layout accessori a scomparsa - Concealed accessories layout



Schema accessori anta portata Kg 100/130 per telai TTP601 e TTP602

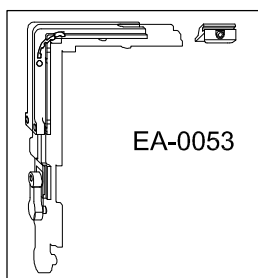
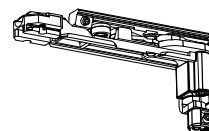
One wing scheme accessories capacity Kg 100/130 for TTP601 and TTP602 frames

N.B. Utilizzare solo guarnizione centrale 145-DU5233 oppure EG-0059

Remarks: use only central seal 145-DU5233 or EG-0059

Campo di impiego:
LA >400<1600 HA >500<2400

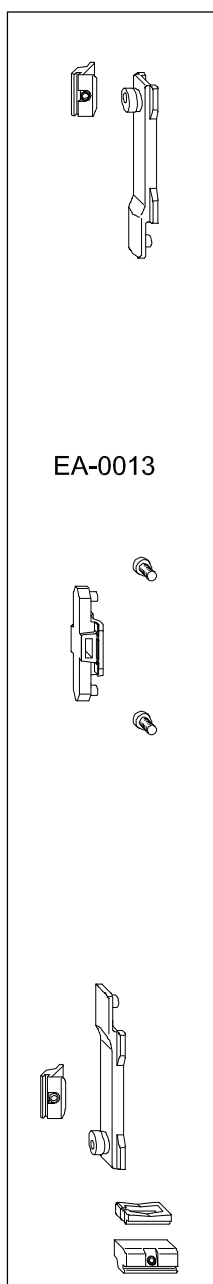
EA-0159



EA-0053



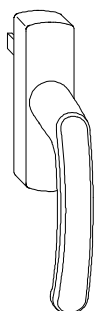
EA-0059



EA-0013



EA-0056



EA-0004

EA-0007
HA>1250

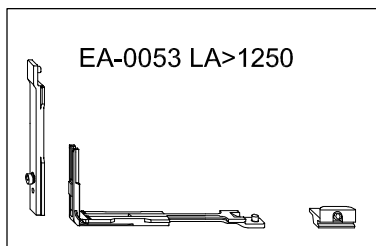


EA-0154 (DX)
EA-0155 (SX)

EA-0007

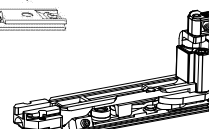
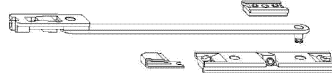


Alternativa
meccanismo incassato
per martellina
EA-0021



EA-0053 LA>1250

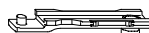
EA-0157 LA>700 <1600



EA-0159

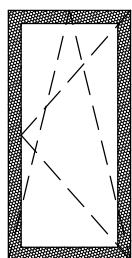


EA-0057 - Opzionale



EA-0059

Layout accessori a scomparsa - Concealed accessories layout

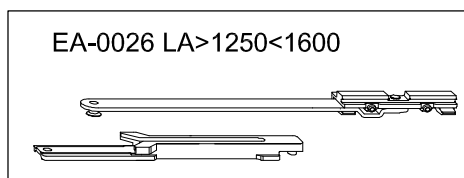
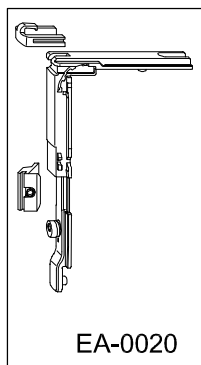


Schema accessori anta ribalta portata Kg 100/130 per telai TT601 e TTP602

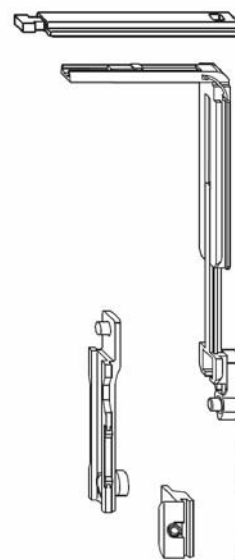
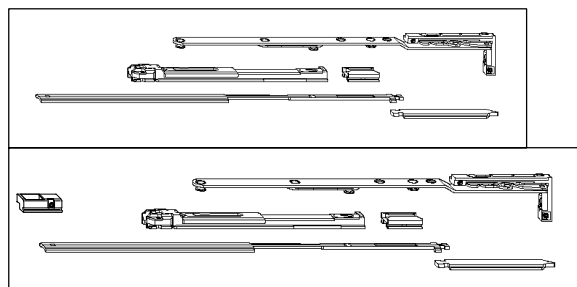
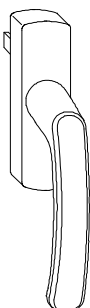
One wing Tilt-Turn scheme accessories capacity Kg 100/130 for TTP601 and TTP602 frames

N.B. Utilizzare solo guarnizione centrale 145-DU5233 oppure EG-0059

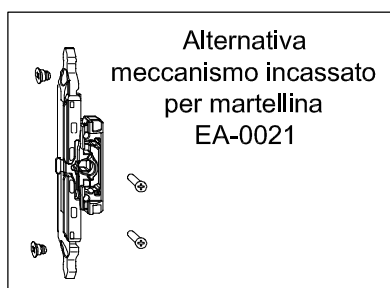
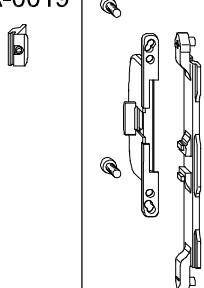
*Remarks: use only central seal 145-DU5233
or EG-0059*



EA-0004

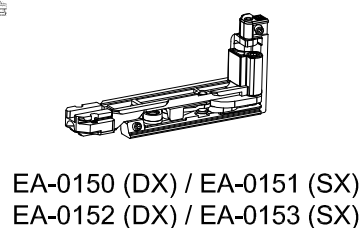
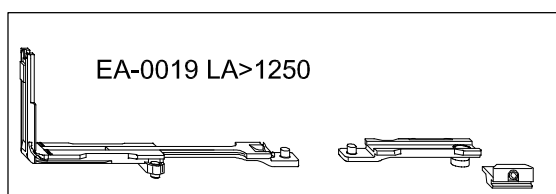
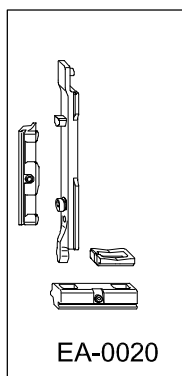


EA-0019

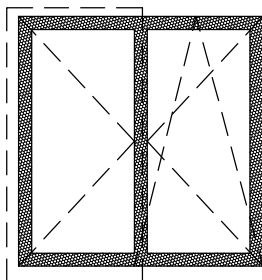


EA-0158 HA>1250

Campo di impiego:
LA >450<1600 HA >550<2400



Layout accessori a scomparsa - Concealed accessories layout



Schema seconda anta tipologia A/R 2 ante Kg 100/130 per telai TTP601 e TTP602

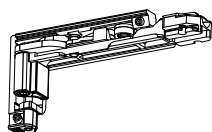
Second wing scheme accessories 2 wings Tilt-Turn Kg 100/130 for TTP601 and TTP602 frames

N.B. Utilizzare solo guarnizione centrale 145-DU5233 oppure EG-0059

Remarks: use only central seal 145-DU5233 or EG-0059

Campo di impiego:
LA >400<1600 HA >500<2400

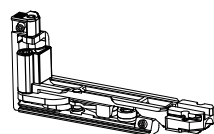
EA-0159



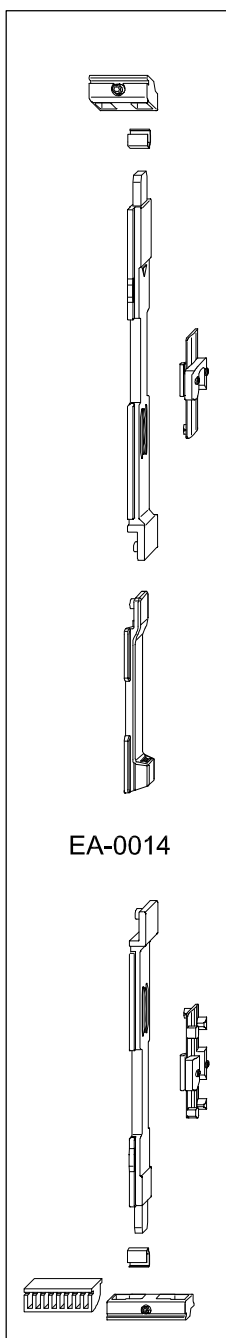
EA-0007
HA>1250



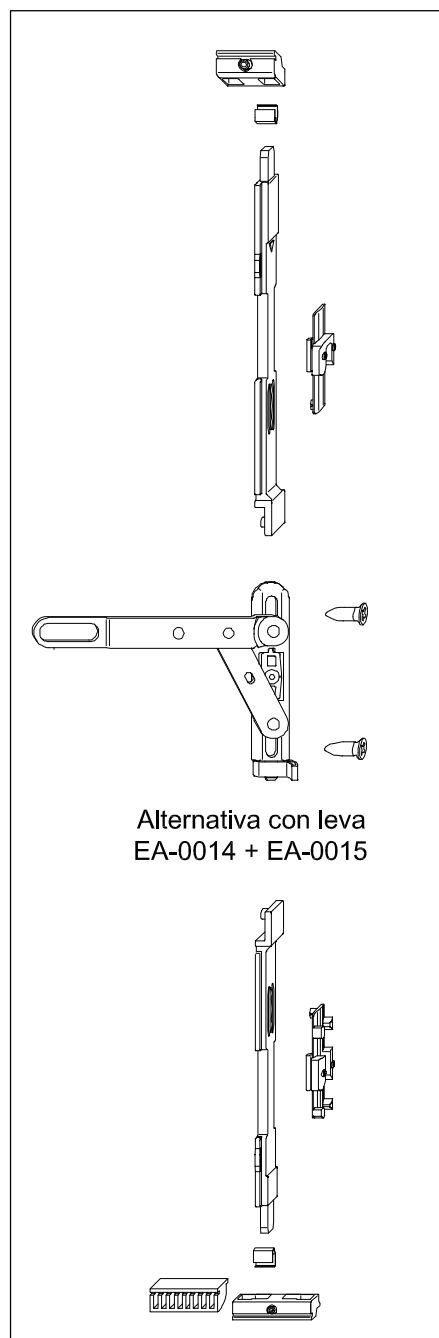
EA-0154 (DX)
EA-0155 (SX)



EA-0159

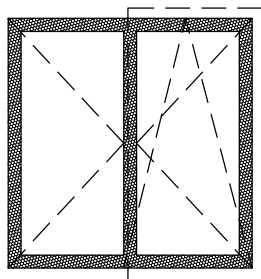


EA-0014



Alternativa con leva
EA-0014 + EA-0015

Layout accessori a scomparsa - Concealed accessories layout

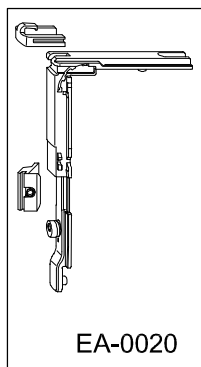


Schema prima anta tipologia A/R 2 ante Kg 100/130 per telai TTP601 e TTP602

Main wing scheme accessories 2 wings Tilt-Turn Kg 100/130 for TTP601 and TTP602 frames

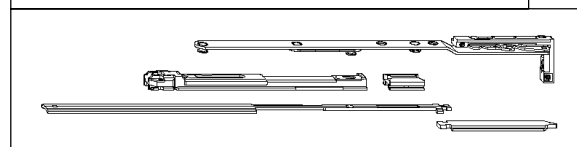
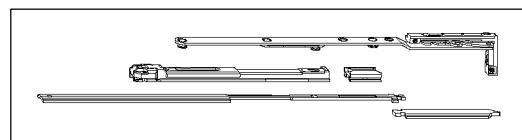
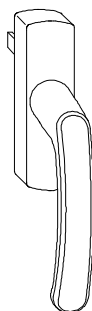
N.B. Utilizzare solo guarnizione centrale 145-DU5233

Remarks: use only central seal 145-DU5233



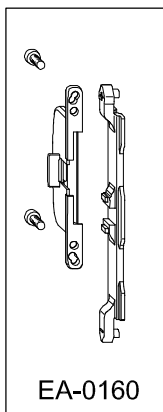
Campo di impiego:
LA >400<1600 HA >550<2400

EA-0004

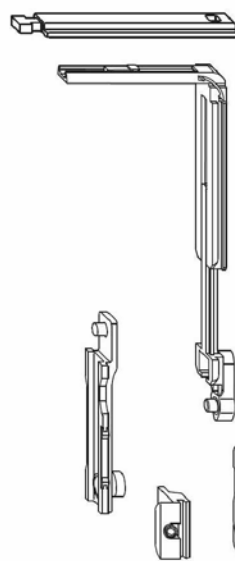
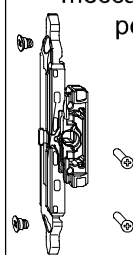


EA-0150 (DX) EA-0151 (SX) LA>450<700
EA-0152 (DX) EA-0153 (SX) LA>620<1250

EA-0019

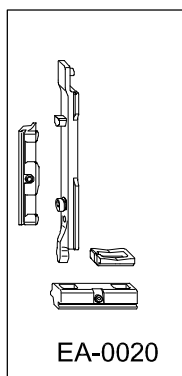


Alternativa
meccanismo incassato
per martellina
EA-0021

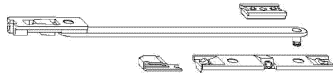


EA-0158 HA>1250

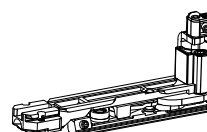
EA-0154 (DX)
EA-0155 (SX)



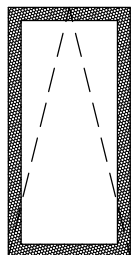
EA-0157 LA>700 <1600



EA-0150 (DX) / EA-0151 (SX)
EA-0152 (DX) / EA-0153 (SX)



Layout accessori a scomparsa - Concealed accessories layout



Schema accessori vasistas portata Kg 50 maniglia orizzontale per i telai TTP601 e TTP602

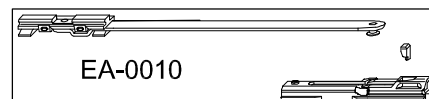
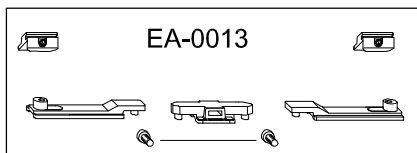
Hopper window scheme accessories capacity Kg 50 horizontal handle for TTP601 and TTP602 frames

N.B. Utilizzare solo guarnizione centrale 145-DU5233 oppure EG-0059

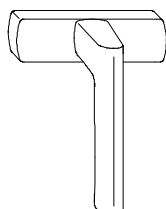
Remarks: use only central seal 145-DU5233 or EG-0059

Campo di impiego finestra:
LA >400<2400 HA >450<1200

 EA-0019

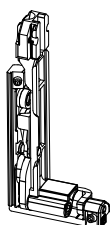


EA-0056



EA-0004

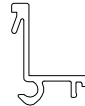
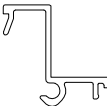
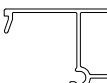
EA-0159



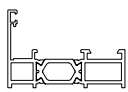
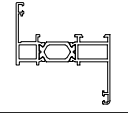
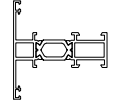
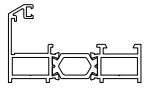
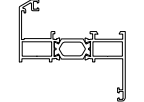
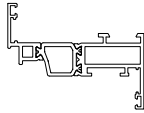
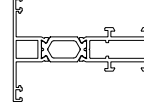
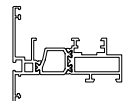
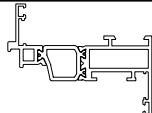
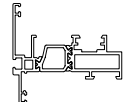
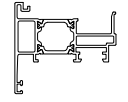
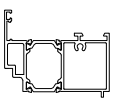
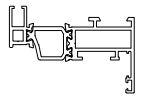
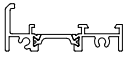
EA-0159



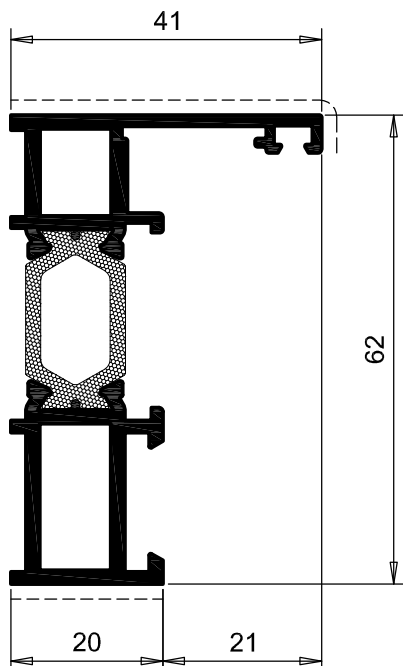
Elenco Profili - Profiles List

SIGLA CODE	PROFILO PROFILE	PESO _{Kg/m} WEIGHT _{Kg/m}	IMPIEGO USE	PAGINA PAGE
5767		0.190	Gocciolatoio <i>Water drainage</i>	4-05
6405		0.159	Astina di comando chiususre <i>Closing rod</i>	4-05
24676		0.248	Fermavetro telaio da 21 mm <i>Frame glass beading</i>	4-08
26561		0.261	Fermavetro telaio da 25 mm <i>Frame glass beading</i>	4-08
26562		0.275	Fermavetro telaio da 29 mm <i>Frame glass beading</i>	4-08
26563		0.225	Fermavetro anta da 23 mm <i>Wing glass beading</i>	4-08
26564		0.237	Fermavetro anta da 27 mm <i>Wing glass beading</i>	4-08
26565		0.252	Fermavetro anta da 31 mm <i>Wing glass beading</i>	4-08
26566		0.252	Fermavetro anta da 35 mm <i>Wing glass beading</i>	4-08
26567		0.292	Fermavetro anta da 39 mm <i>Wing glass beading</i>	4-08
26572		0.196	Fermavetro anta da 19 mm <i>Wing glass beading</i>	4-08
24559		0.399	Fermavetro anta strutturale da 41 mm <i>Glass beading 41 mm</i>	4-09
24560		0.407	Fermavetro anta strutturale da 43 mm <i>Glass beading 43 mm</i>	4-09
24561		0.414	Fermavetro anta strutturale da 45 mm <i>Glass beading 45 mm</i>	4-09

Elenco Profili - Profiles List

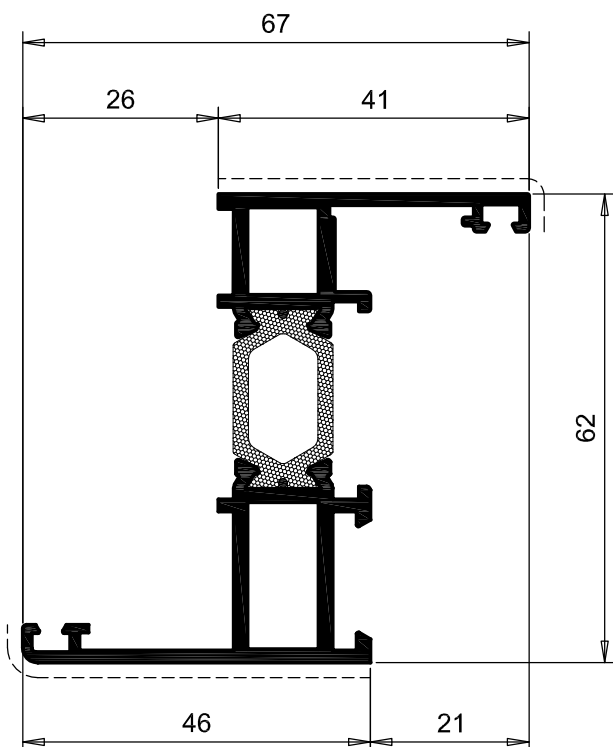
SIGLA CODE	PROFILO PROFILE	PESO Kg/m WEIGHT Kg/m	IMPIEGO USE	PAGINA PAGE
TTP601		1.080	Telaio fisso L <i>L-fixed frame</i>	4-01
TTP602		1.217	Telaio fisso Z <i>Z-fixed frame</i>	4-01
TTP603		1.271	Telaio fisso T <i>T-fixed frame</i>	4-02
TTP604		1.228	Telaio fisso L <i>L-fixed frame</i>	4-06
TTP605		1.365	Telaio fisso Z <i>Z-fixed frame</i>	4-06
TTP610		1.287	Anta <i>Wing</i>	4-02
TTP612		1.285	Tagliavetro anta <i>Wing cutter profile</i>	4-03
TTP613		1.523	T anta <i>T wing</i>	4-03
TTP618		1.301	Anta linea Ferro <i>Steel line wing</i>	4-07
TTP619		1.540	T anta linea Ferro <i>Steel line T wing</i>	4-07
TTP620		1.414	Battuta riportata <i>Cetral rabbet</i>	4-04
TTP621		1.600	Zoccolo riportato <i>Lower additional transom</i>	4-04
TTP623		1.227	Anta strutturale <i>Structural wing</i>	4-05
TT62.36		0.784	Soglia ridotta <i>Lower additional transom</i>	4-05

Profili 1:1 - Profiles 1:1



TTP601	TELAIO FISSO L <i>L-FIXED FRAME</i>						
	PESO <i>WEIGHT</i>	PERIMETRO <i>PERIMETER</i>	SUP. VISTA <i>SHOWN SURF.</i>	J _x	W _x	J _y	W _y
	Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
	1.080	285	67	17.03	4.98	3.06	1.06

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0115	EA-0115 + EA-0117	EA-0115 + EA-0118	EA-0114*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0147	-	-

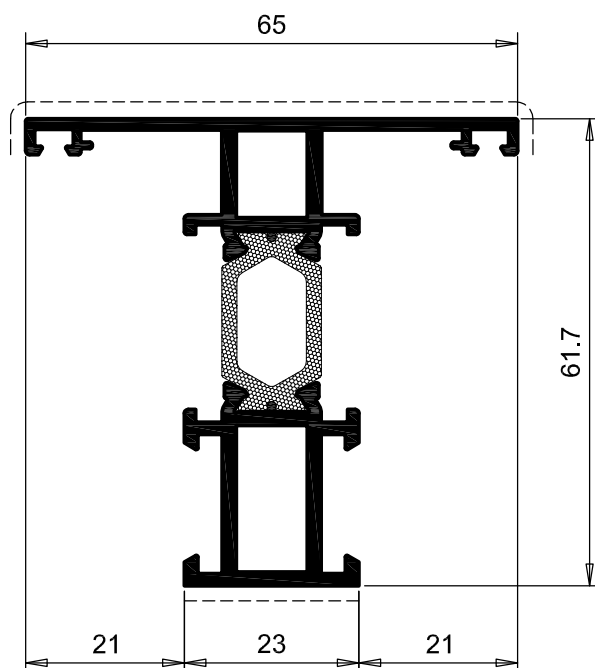


TTP602	TELAIO FISSO Z Z-FIXED FRAME						
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
	Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.217	355	93	21.80	6.81	6.52	2.02	

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0115	EA-0115 + EA-0117	EA-0115 + EA-0118	EA-0114*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0147	-	-

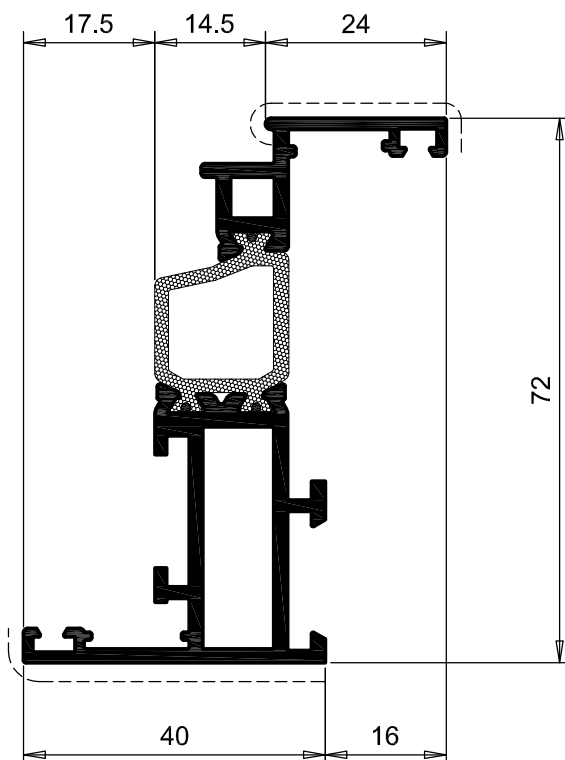
Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1



TTP603			TELAIO FISSO T T-FIXED FRAME			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.271	378	96	21.05	5.80	6.23	1.91

ACCESSORI / ACCESSORIES		
CAVALLOTTI / T-JOINT		
INT.	EXT.	
	ANTA / WING	TELAIO / FIXED FRAME
EA-0161	-	EA-0187

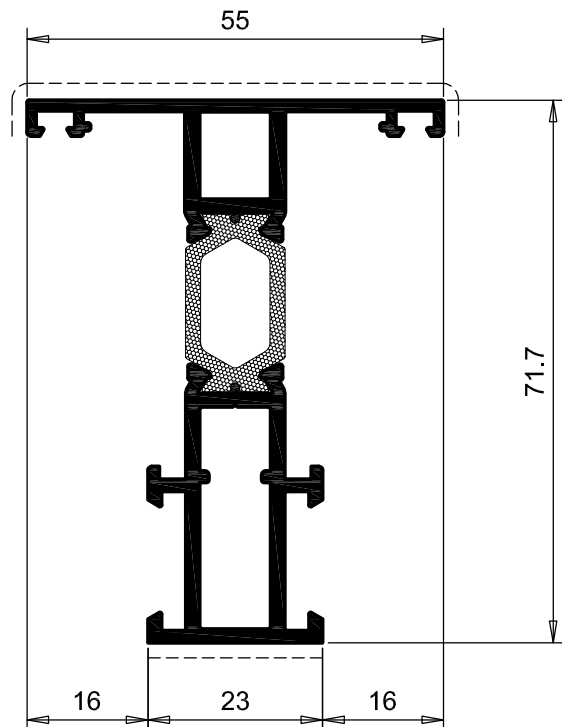


TTP610			ANTA WING			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.287	360	93	25.99	6.38	4.57	1.61

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0116	EA-0116 + EA-0117	EA-0116 + EA-0118	EA-0113*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0148	-	-

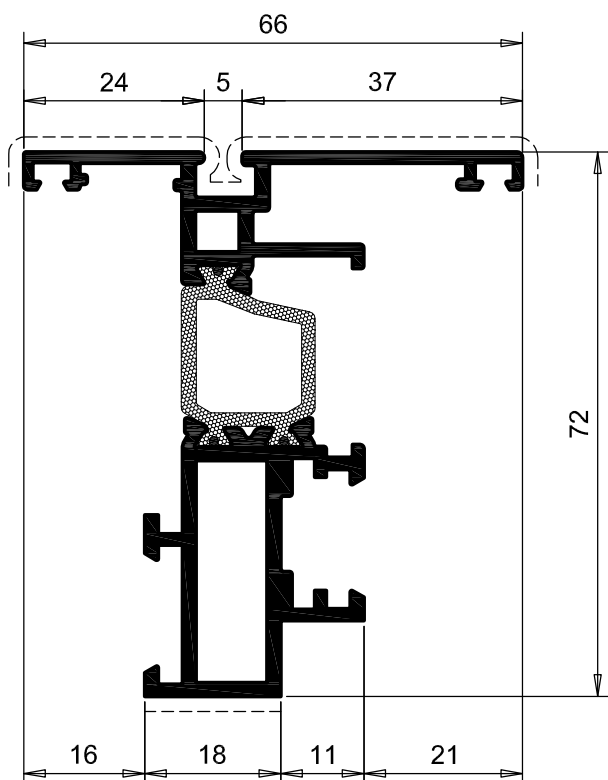
Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1



TTP612			TAGLIAVETRO ANTA T-WING			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.285	447	88	28.82	6.05	4.36	1.62

ACCESSORI / ACCESSORIES		
CAVALLOTTI / T-JOINT		
INT.	EXT.	
	ANTA / WING	TELAIO / FIXED FRAME
EA-0161	-	EA-0162

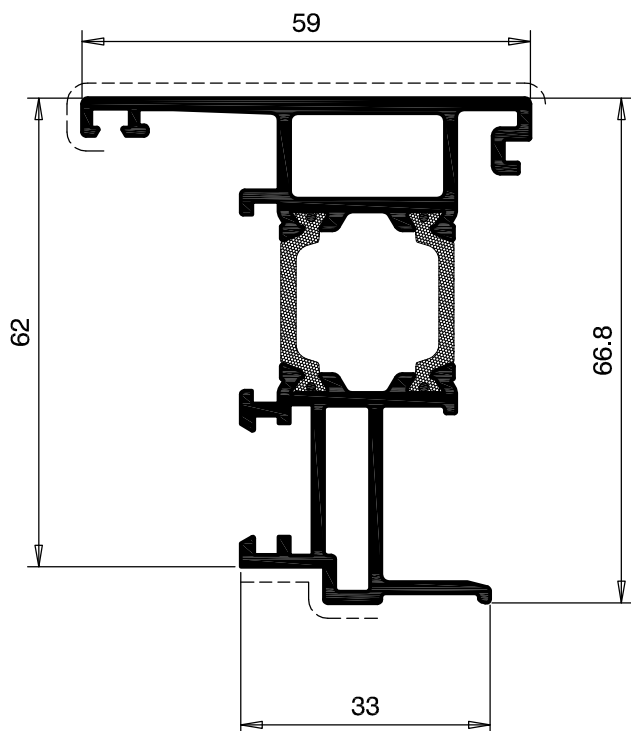


TTP613			T ANTA T-WING			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.523	461	110	32.65	7.89	7.75	2.19

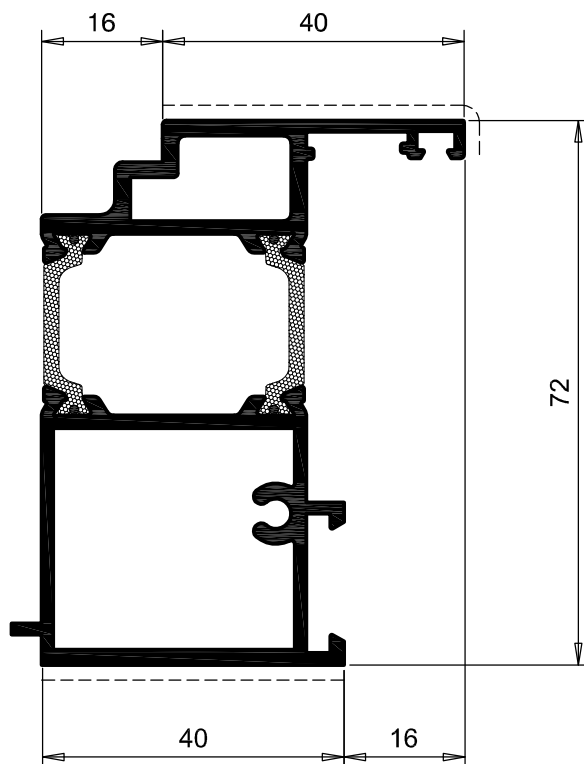
ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0116	EA-0116 + EA-0117	EA-0116 + EA-0118	EA-0113*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0148	-	-

Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1

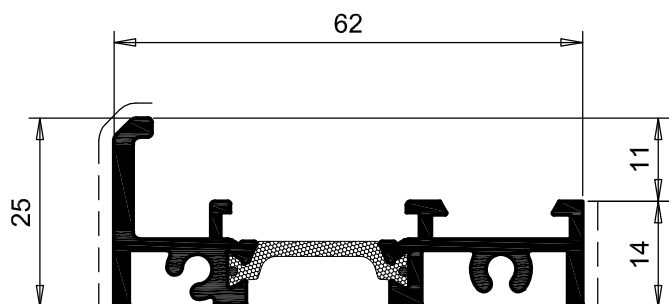


TTP620			BATTUTA RIPORTATA CENTRAL RABBIT			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	$\begin{matrix} Y \\ X \rightarrow X \\ Y \end{matrix}$			
Kg/m	mm	mm	J _x	W _x	J _y	W _y
1.414	295	100	cm ⁴	cm ³	cm ⁴	cm ³
			25.72	6.46	7.67	2.20

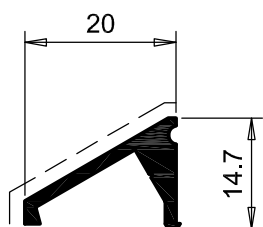


TTP621			ZOCCOLO RIPORTATO LOWER ADDITIONAL TRANSOM			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	$\begin{matrix} Y \\ X \rightarrow X \\ Y \end{matrix}$			
Kg/m	mm	mm	J _x	W _x	J _y	W _y
1.600	312	87	cm ⁴	cm ³	cm ⁴	cm ³
			34.21	9.05	11.07	3.27

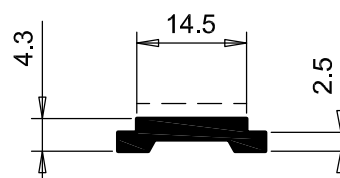
Profili 1:1 - Profiles 1:1



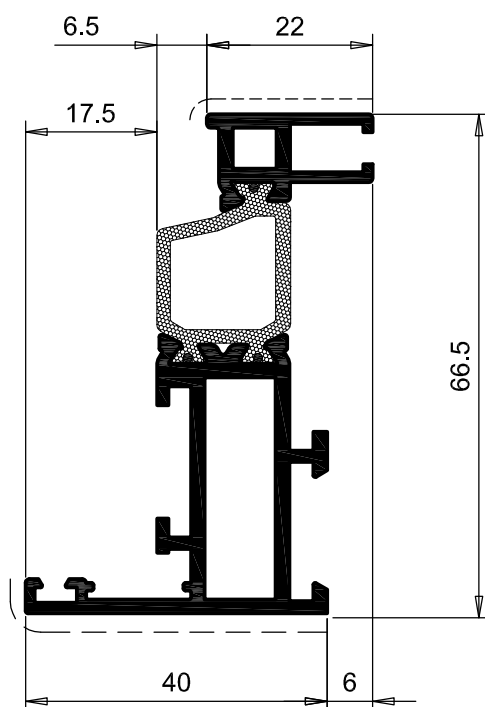
TT62.36	SOGLIA RIDOTTA <i>SMALL THRESHOLD</i>			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y
Kg/m	mm	mm	cm ⁴	cm ⁴
0.777	286	43	-	-



5767	GOCCIOLATOIO <i>WATER DRAINAGE</i>	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.190	75	26



6405	ASTINA DI COMANDO <i>CHIUSURE</i> <i>CLOSING ROD</i>	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.159	49	15

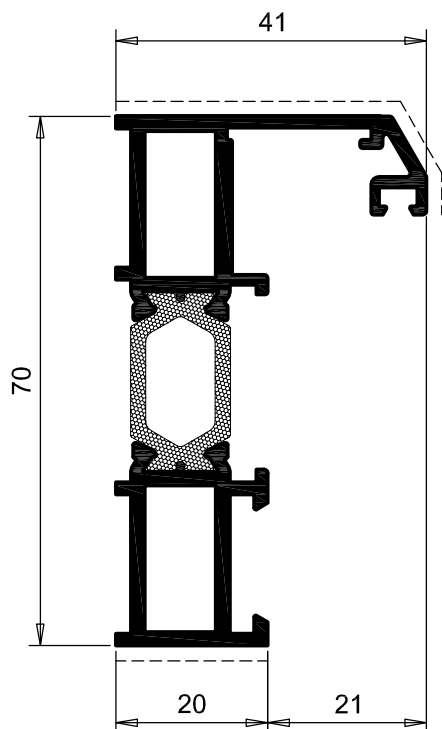


TTP623	ANTA STRUTTURALE <i>STRUCTURAL WING</i>					
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.227	334	89	19.78	5.18	3.36	1.23

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0116	EA-0116 + EA-0117	EA-0116 + EA-0118	EA-0113*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	-	-	-

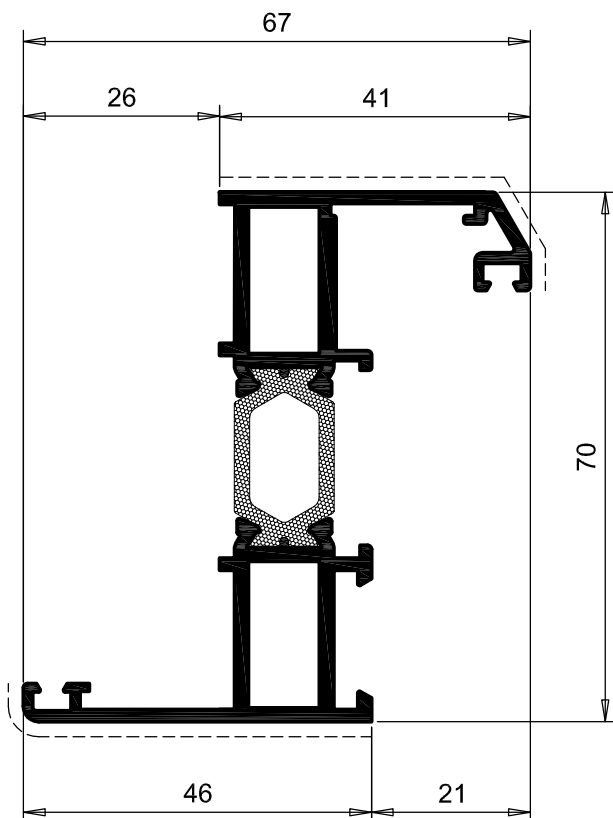
Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1



TTP604	TELAIO FISSO L <i>L-FIXED FRAME</i>						
	PESO <i>WEIGHT</i>	PERIMETRO <i>PERIMETER</i>	SUP. VISTA <i>SHOWN SURF.</i>	J _x	W _x	J _y	W _y
	Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
	1.228	323	71	23.61	5.98	4.38	1.58

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0115	EA-0115 + EA-0117	EA-0115 + EA-0118	EA-0115*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0147	-	-

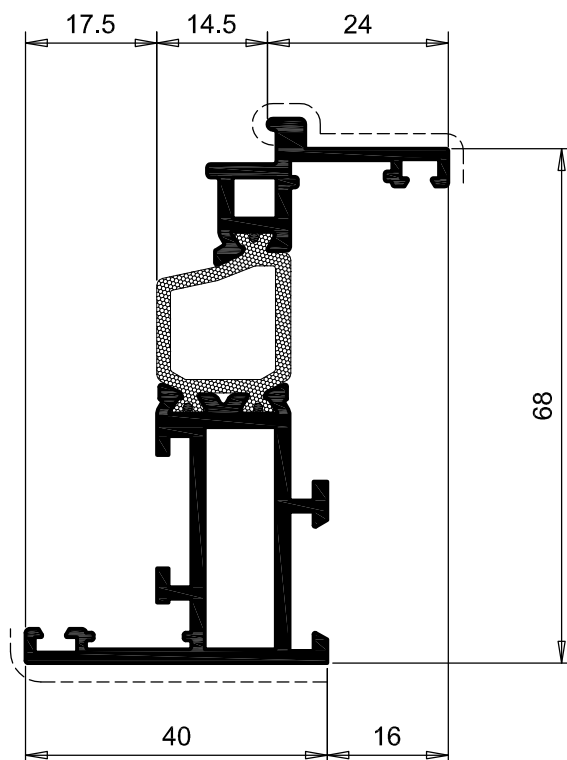


TTP605	TELAIO FISSO Z <i>Z-FIXED FRAME</i>						
	PESO <i>WEIGHT</i>	PERIMETRO <i>PERIMETER</i>	SUP. VISTA <i>SHOWN SURF.</i>	J _x	W _x	J _y	W _y
	Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.365	394	102	30.14	8.17	8.18	2.26	

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0115	EA-0115 + EA-0117	EA-0115 + EA-0118	EA-0115*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0147	-	-

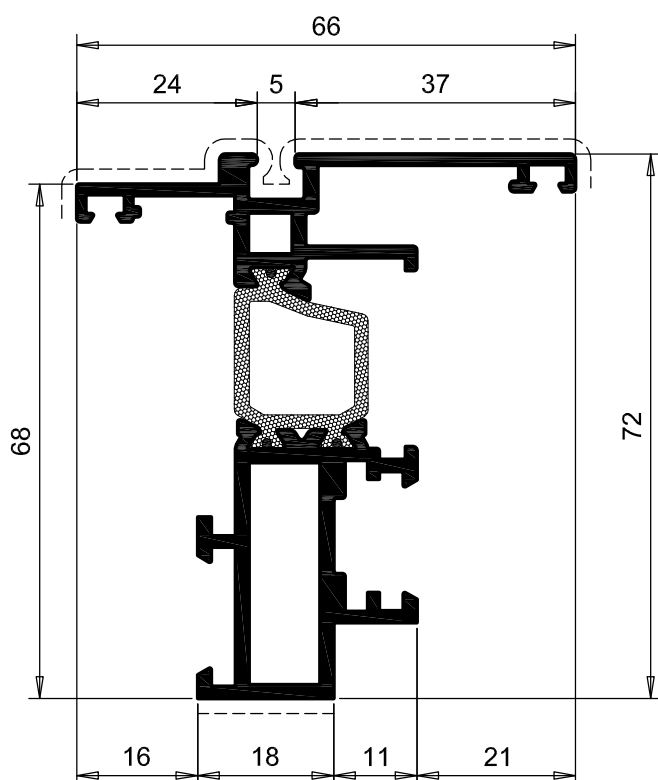
Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1



TTP618	ANTA LINEA FERRO		Y X—+—X Y			
	STEEL LINE WING					
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.301	358	89	25.88	6.40	4.61	1.61

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.		EXT.	
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0116	EA-0116 + EA-0117	EA-0116 + EA-0118	EA-0113*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0148	-	-

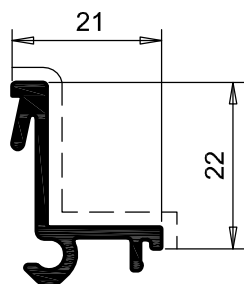


TTP619	T ANTA LINEA FERRO STEEL LINE T-WING		X Y X Y				
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
	Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.540	460	114	31.25	7.69	7.70	2.15	

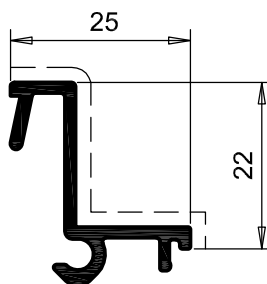
ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.		EXT.	
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0116	EA-0116 + EA-0117	EA-0116 + EA-0118	EA-0113*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0148	-	-

Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

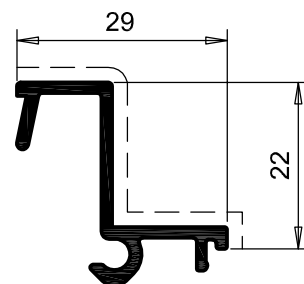
Profili 1:1 - Profiles 1:1



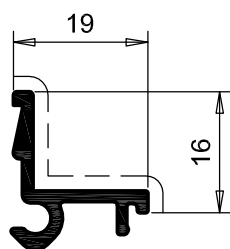
24676	FERMAVETRO DA 21 mm GLASS BEADING 21 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.251	118	42



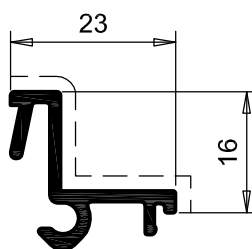
26561	FERMAVETRO DA 25 mm GLASS BEADING 25 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.257	130	46



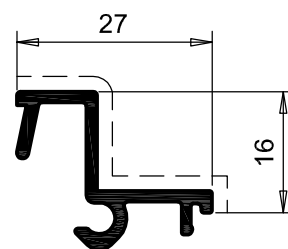
26562	FERMAVETRO DA 29 mm GLASS BEADING 29 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.272	138	51



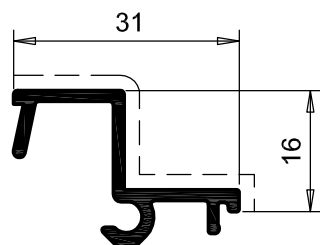
26572	FERMAVETRO DA 19 mm GLASS BEADING 19 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.196	94	34



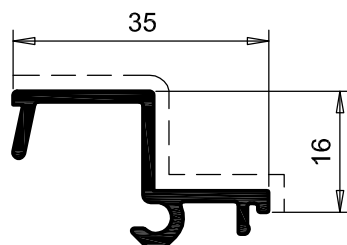
26563	FERMAVETRO DA 23 mm GLASS BEADING 23 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.227	114	38



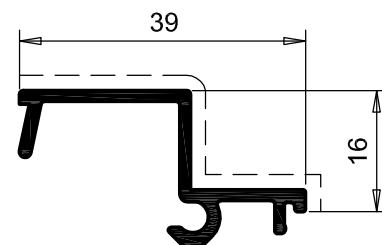
26564	FERMAVETRO DA 27 mm GLASS BEADING 27 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.242	122	42



26565	FERMAVETRO DA 31 mm GLASS BEADING 31 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.257	130	46



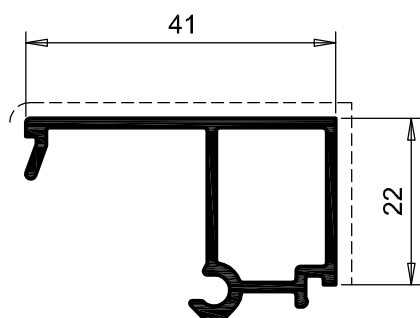
26566	FERMAVETRO DA 35 mm GLASS BEADING 35 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.273	138	50



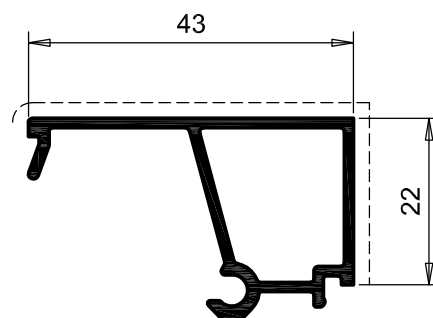
26567	FERMAVETRO DA 39 mm GLASS BEADING 39 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.287	146	54

Note: La misura dei fermavetri è considerata dalla fine del telaio o dell'anta, quindi comprensiva di 1,2 mm di gradino (vedi sezioni, gruppo 5)

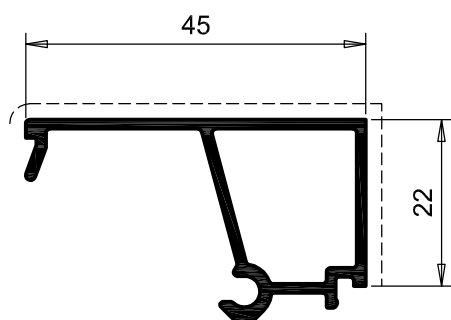
Profili 1:1 - Profiles 1:1



24559	FERMAVETRO DA 41 mm GLASS BEADING 41 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.399	159	63

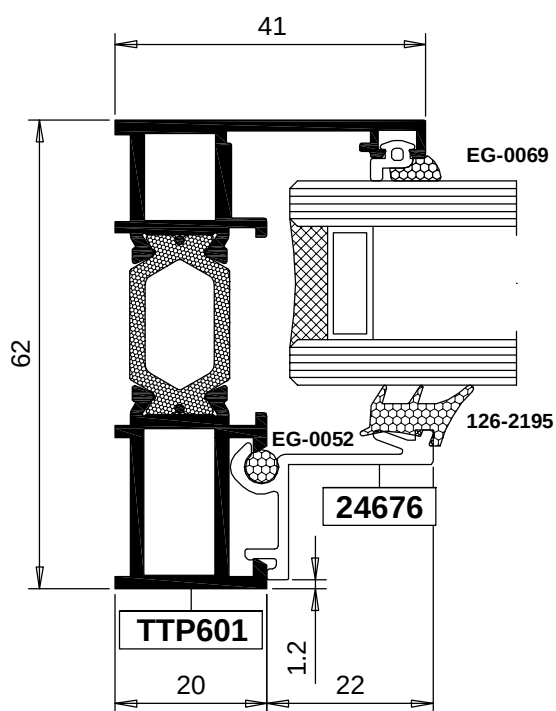


24560	FERMAVETRO DA 43 mm GLASS BEADING 43 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.407	161	65

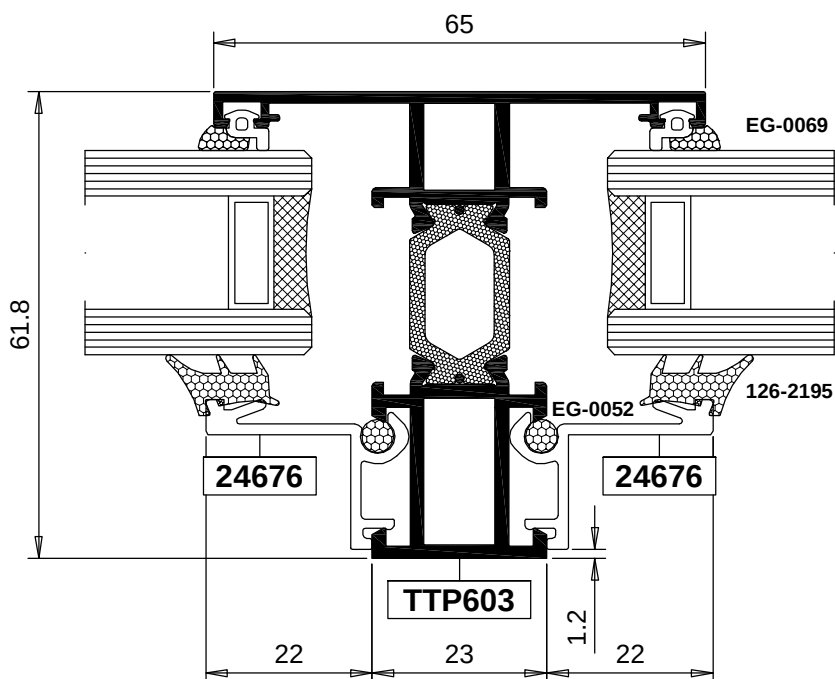
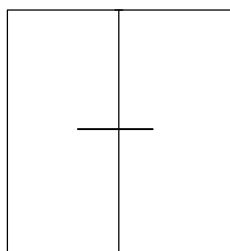


24561	FERMAVETRO DA 45 mm GLASS BEADING 45 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.414	163	67

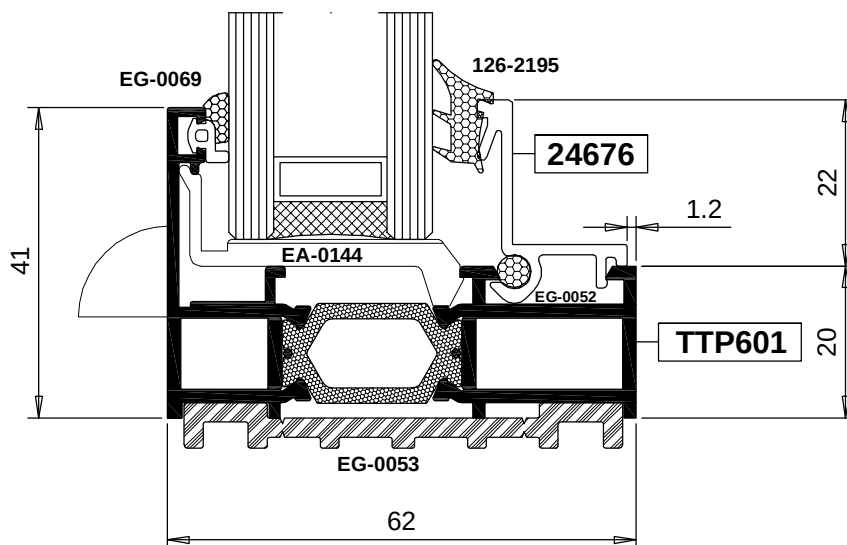
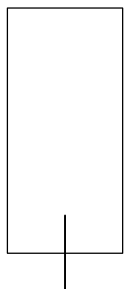
Note: La misura dei fermavetri è considerata dalla fine del telaio o dell'anta, quindi comprensiva di 1,2 mm di gradino (vedi sezioni, gruppo 5)



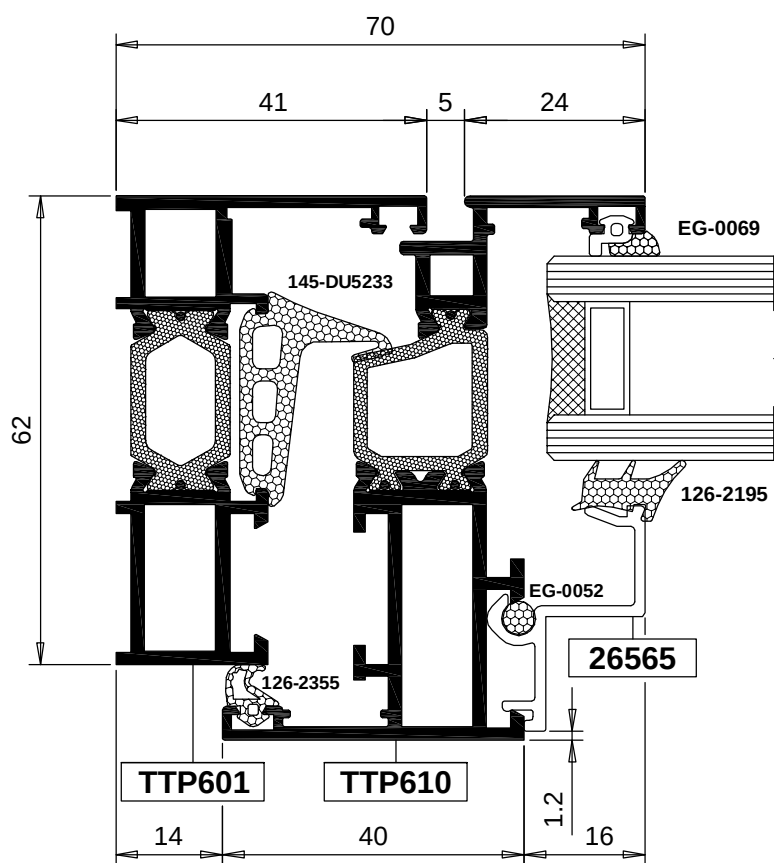
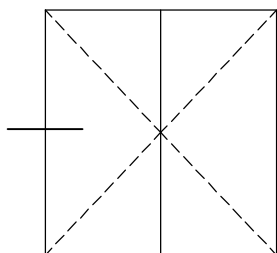
Sezioni 1:1 - Cross sections 1:1



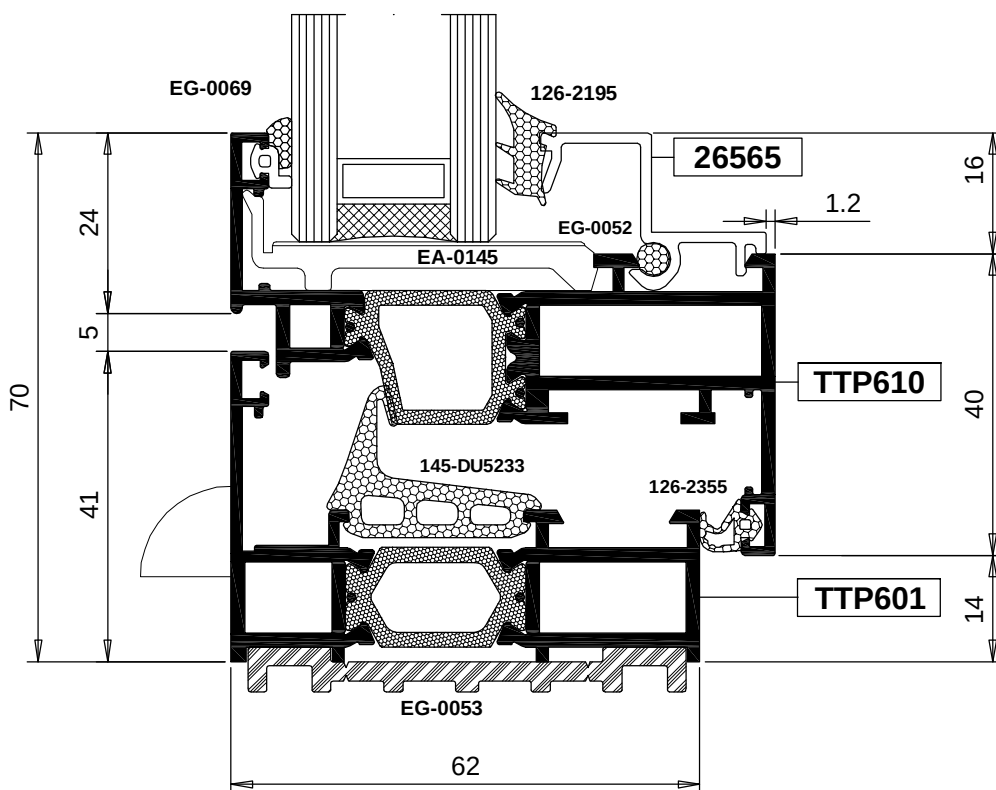
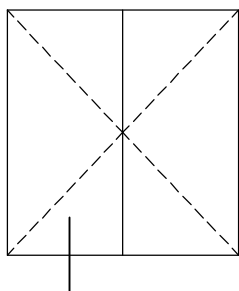
Sezioni 1:1 - Cross sections 1:1



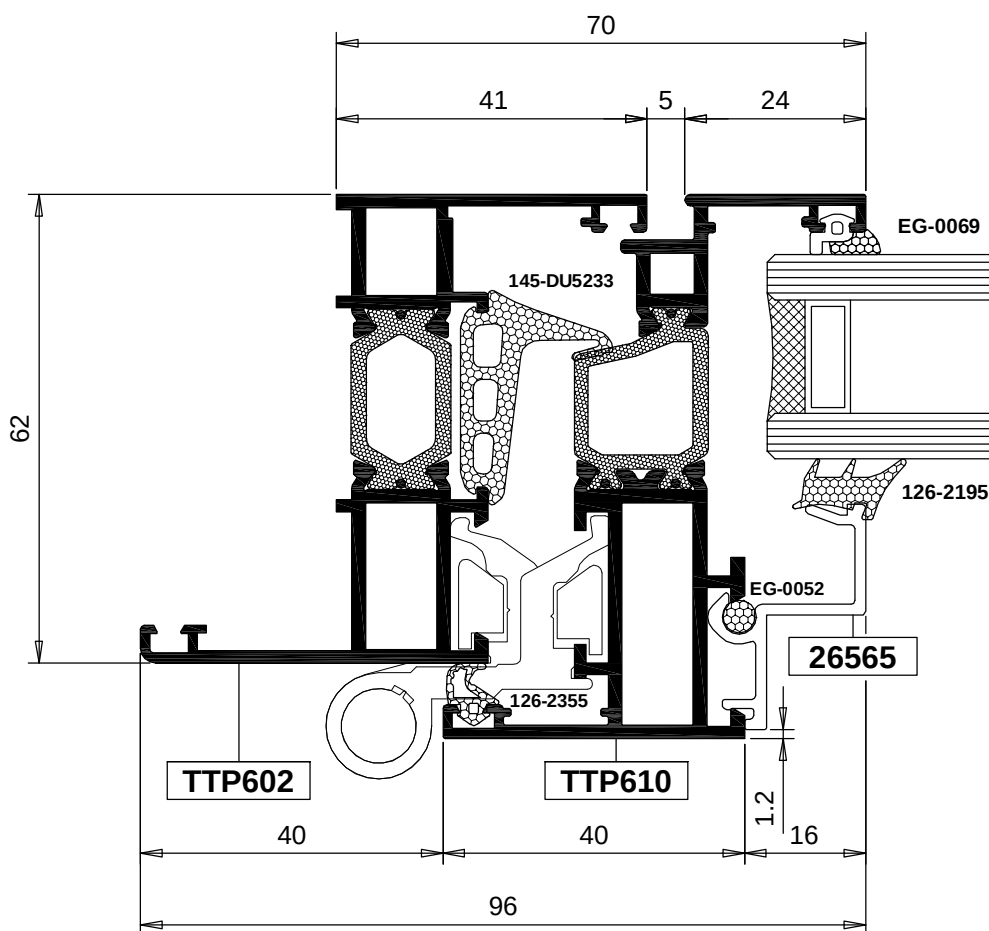
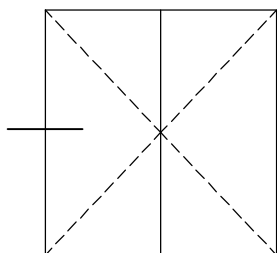
Sezioni 1:1 - Cross sections 1:1

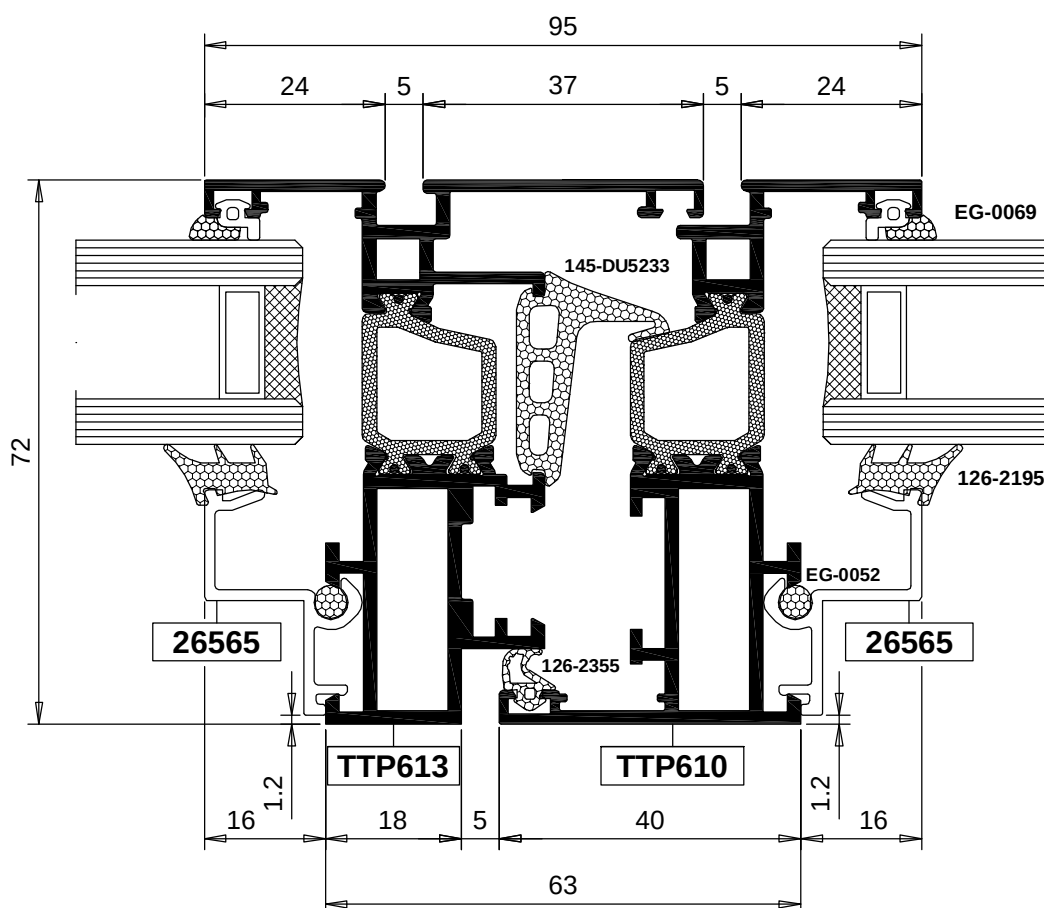


Sezioni 1:1 - Cross sections 1:1

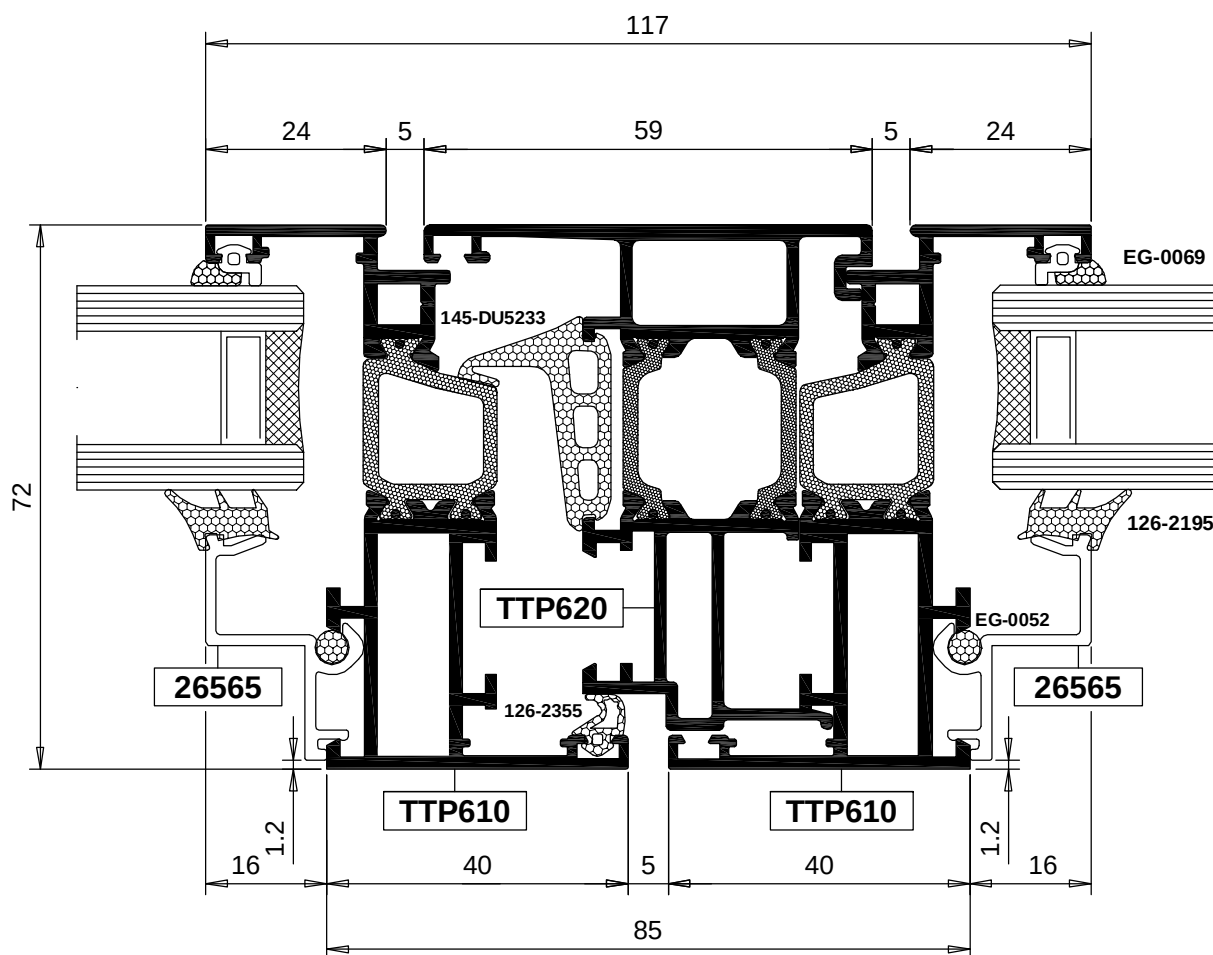
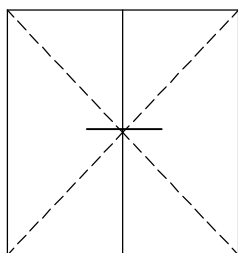


Sezioni 1:1 - Cross sections 1:1

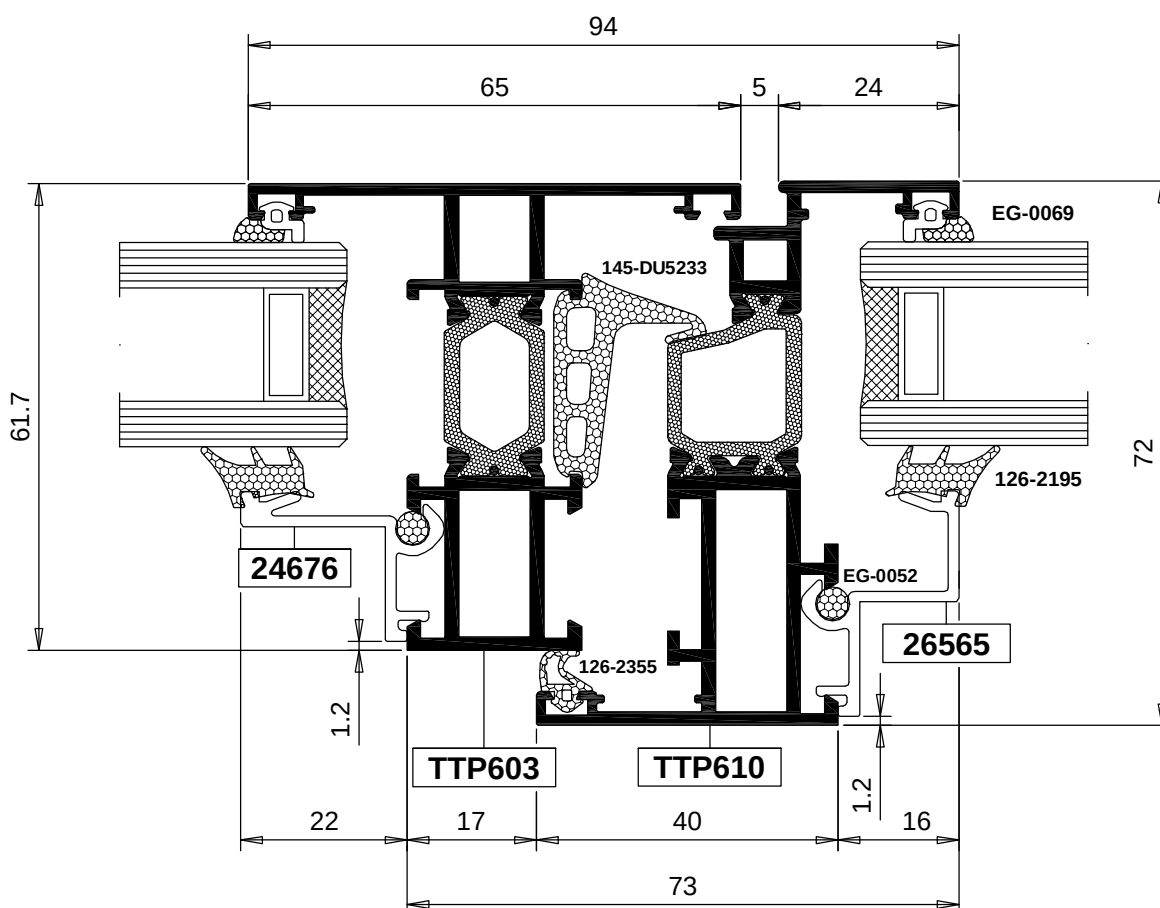
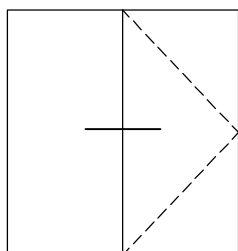




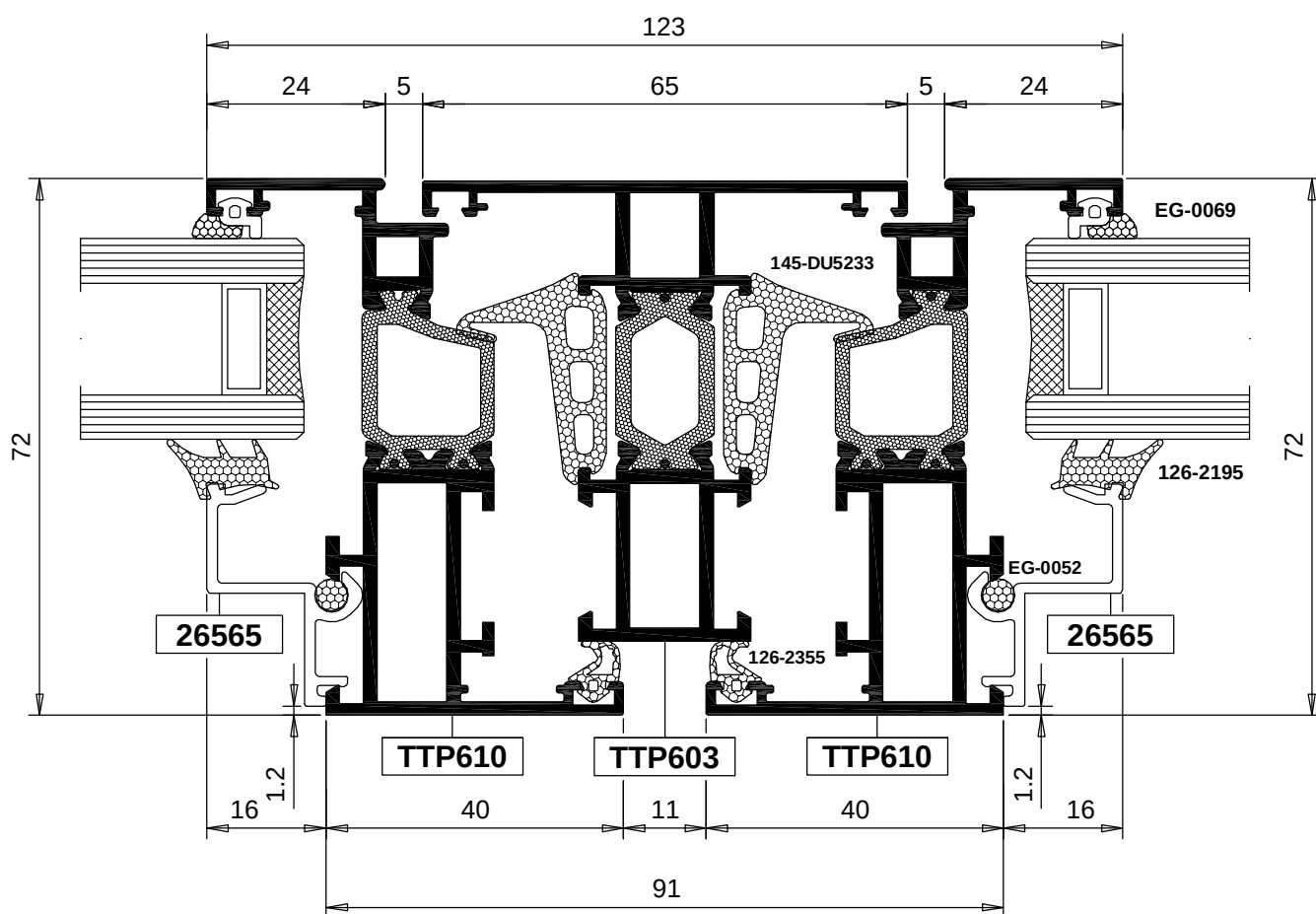
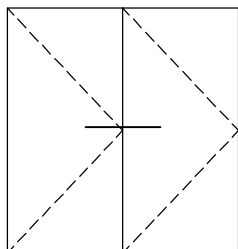
Sezioni 1:1 - Cross sections 1:1



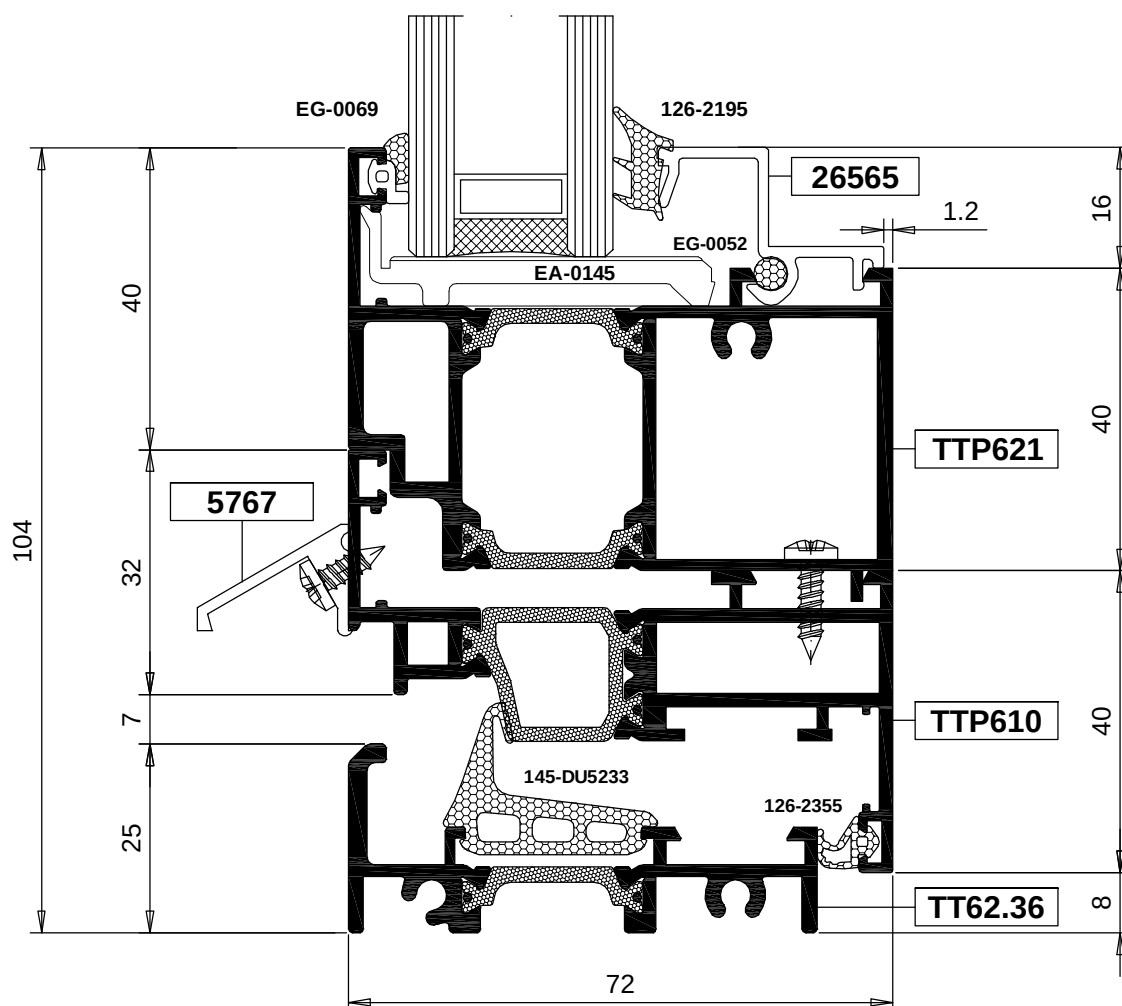
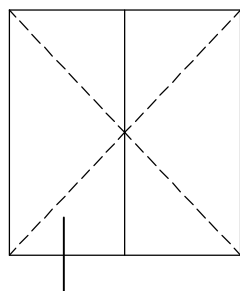
Sezioni 1:1 - Cross sections 1:1



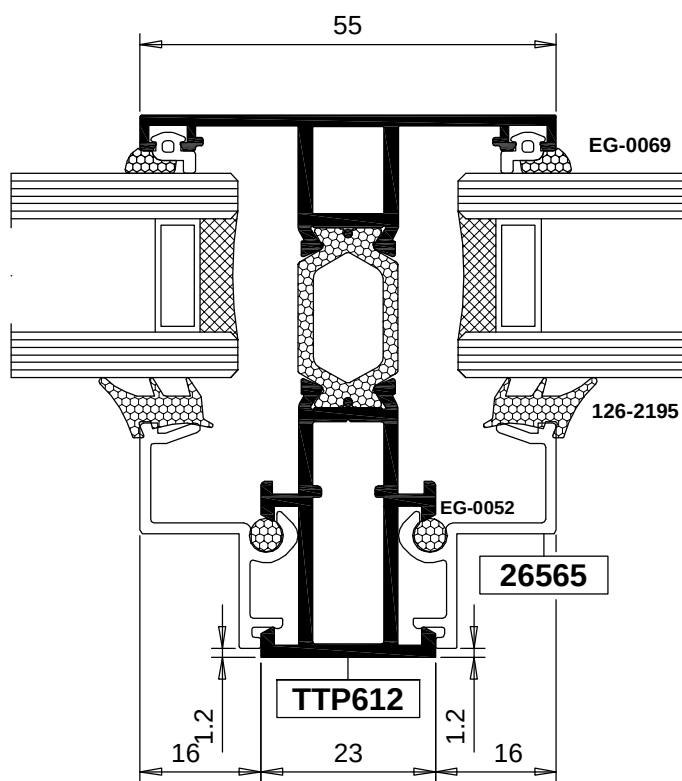
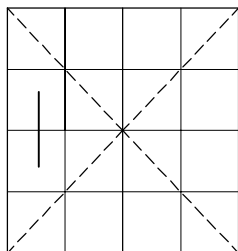
Sezioni 1:1 - Cross sections 1:1



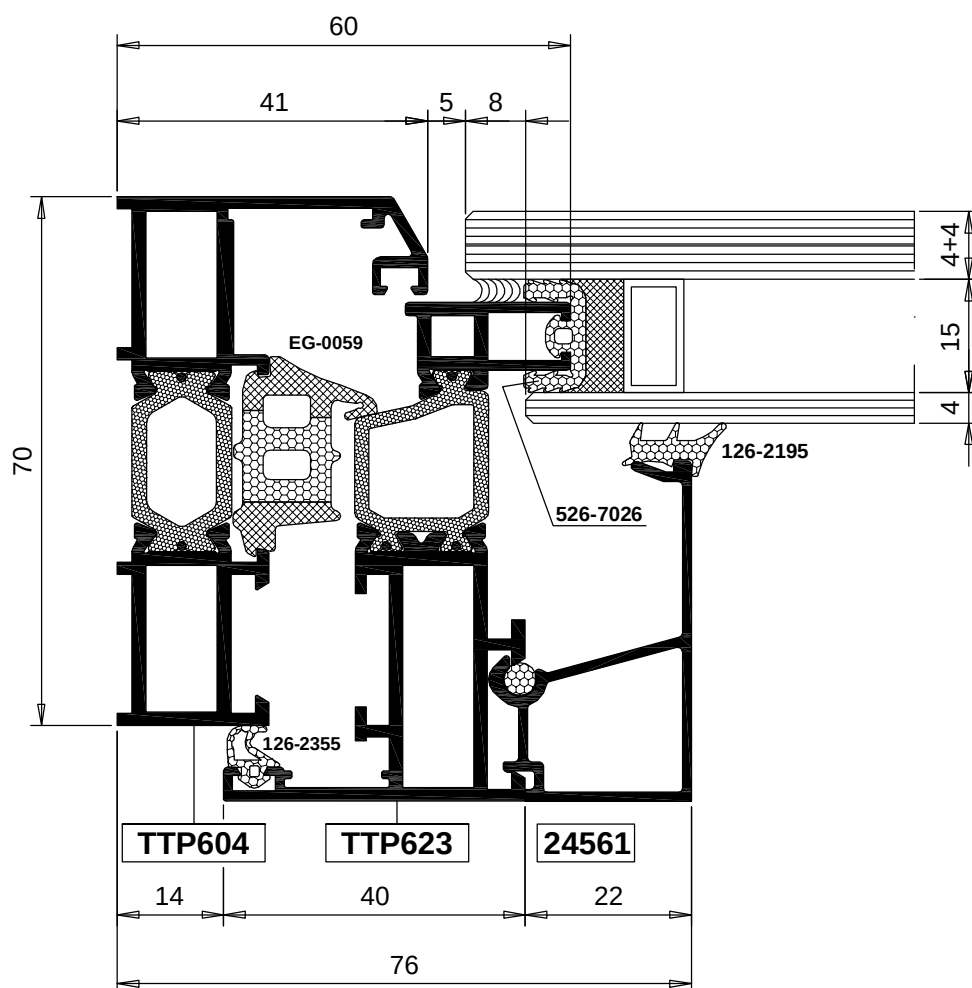
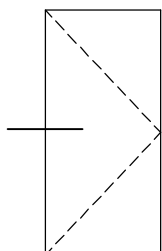
Sezioni 1:1 - Cross sections 1:1



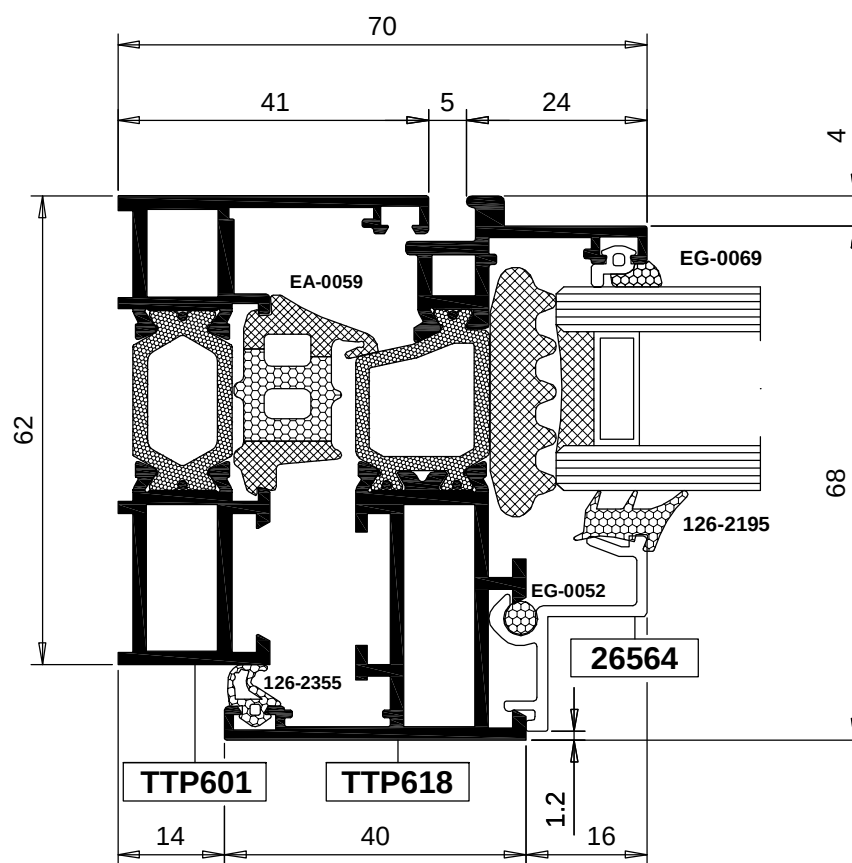
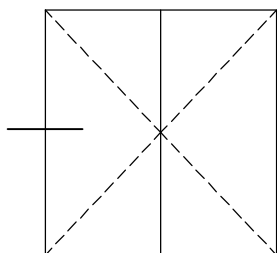
Sezioni 1:1 - Cross sections 1:1



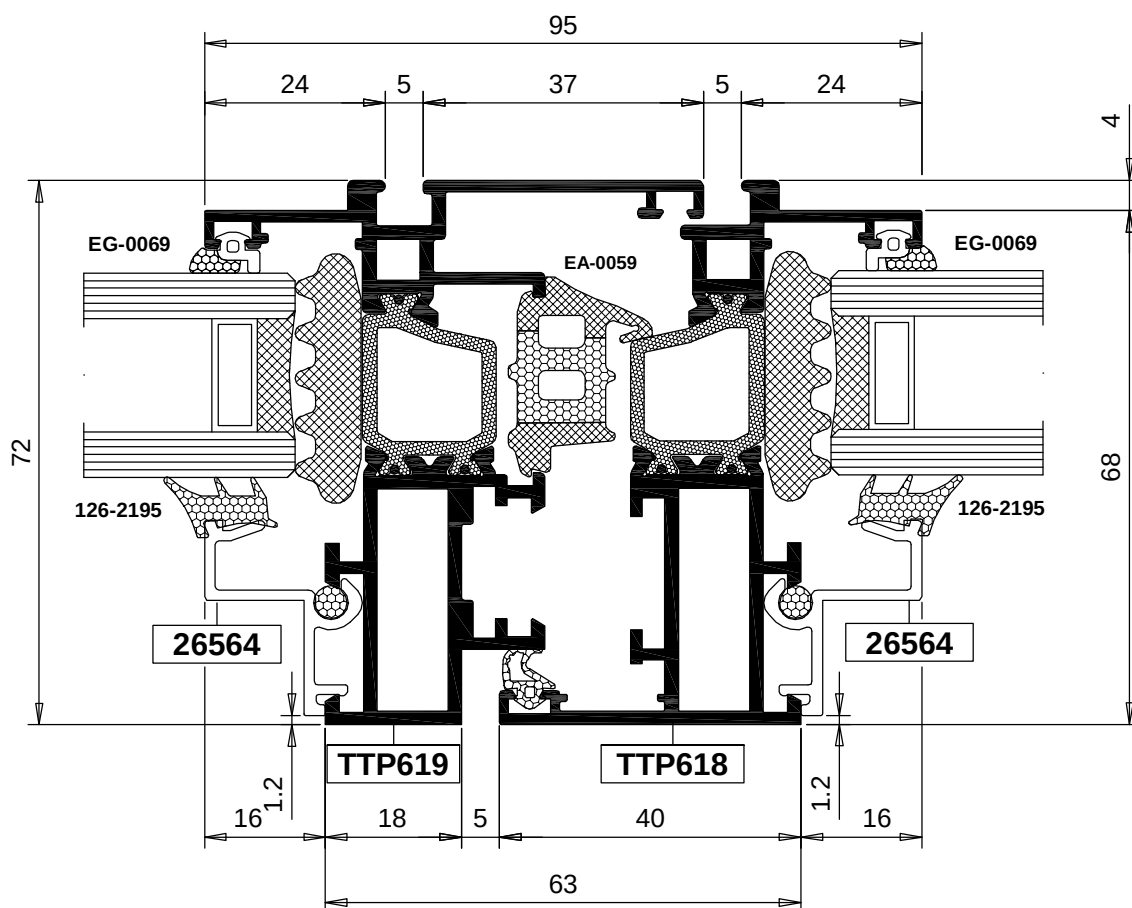
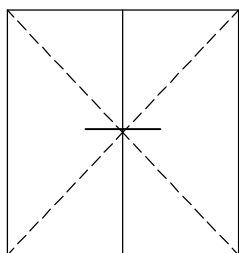
Sezioni 1:1 - Cross sections 1:1



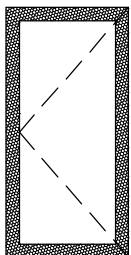
Sezioni 1:1 - Cross sections 1:1



Sezioni 1:1 - Cross sections 1:1



Finestra ad un anta - One wing casement window



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

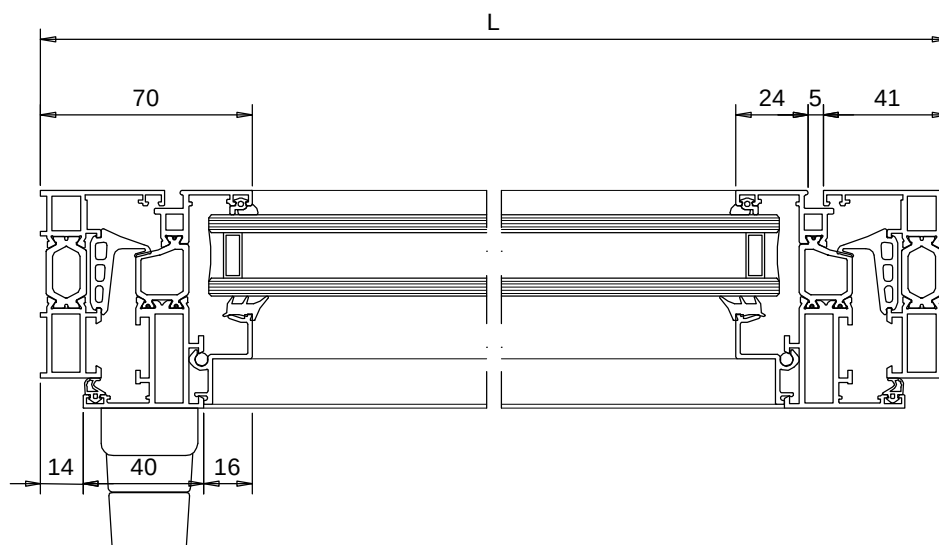
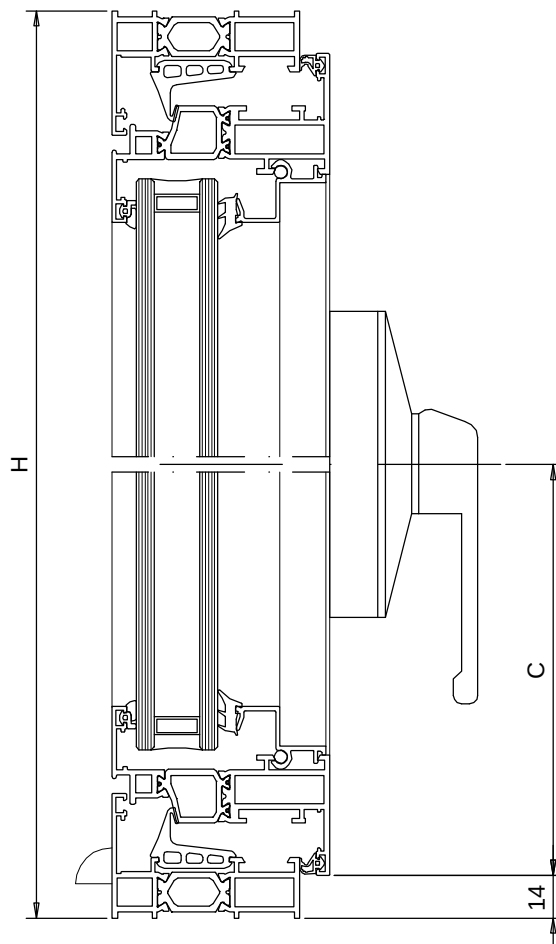
**Gioco perimetrale tra profilo
e vetro mm 6,5 minimo**

Space between glass and profile 6,5 mm minimum

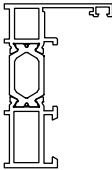
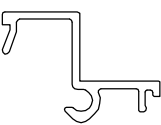
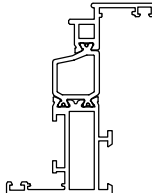
Vetro N° 1 pezzo

Glass N°1 piece

(L-114) (H-114)



Finestra ad un anta - One wing casement window

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	2	L	 26565	2	L - 108
	2	H		2	H - 114
 TTP610	2	L - 28	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione	
	2	H - 28		For tooling see instructions in the handling accessories kit	

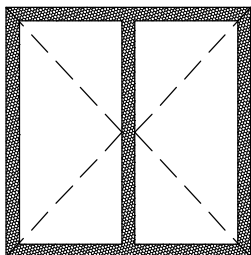
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-11 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-12 per peso anta 100/130 Kg
Layout ferramenta a scomparsa pag. 2-20

Per lavorazione fermavetri vedi pag. 8-15
For glass beading tooling see pag. 8-15

Handling accessories:
On view accessories layout pag. 2-11 capacity 80 Kg
On view accessories layout pag. 2-12 capacity 100/130 Kg
Concealed accessories layout pag. 2-20

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	7				126-2355	Guarnizione tenuta esterna External seal gasket	2L 2H
EA-0114	Squadretta esterna telaio External frame corner joint	4				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 2H
EA-0115	Squadretta interna telaio Internal frame corner joint	4				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 2H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	4				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 2H
EA-0113	Squadretta esterna anta External wing corner joint	4				145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	4				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 12 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	4						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4						
EA-0145	Tassello vetro per anta Wing glass support	2						
142-2145	Drenaggio acqua Water drainage	2						

Finestra a due ante riporto centrale - Two wing casement window central rabbet



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

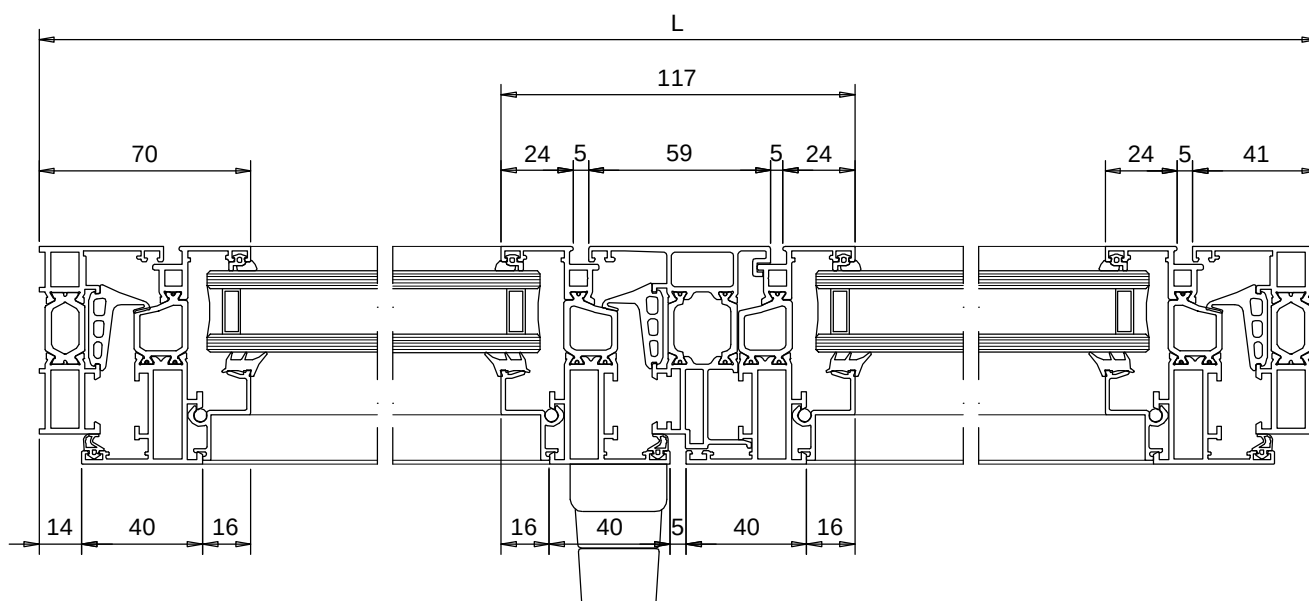
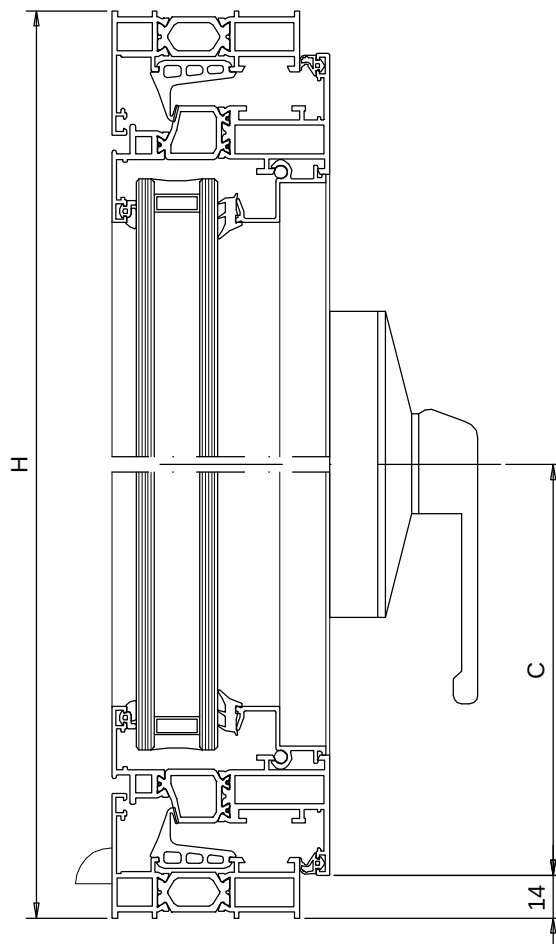
**Gioco perimetrale tra profilo
e vetro mm 6,5 minimo**

Space between glass and profile 6,5 mm minimum

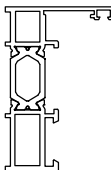
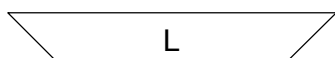
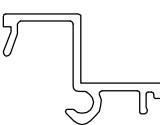
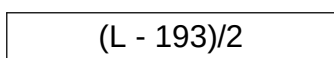
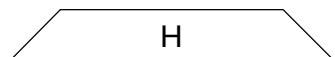
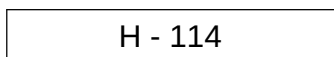
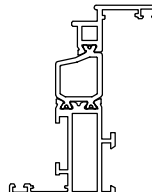
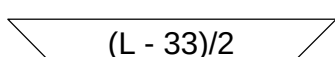
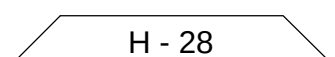
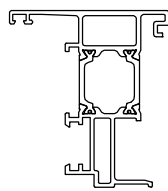
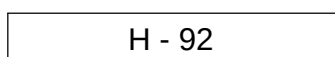
Vetro N° 2 pezzi

Glass N°2 pieces

(L-205)/2 (H-114)



Finestra a due ante riporto centrale - Two wing casement window central rabbet

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	2	 L	 26565	4	 (L - 193)/2
	2	 H		4	 H - 114
 TTP610	4	 (L - 33)/2	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione	
	4	 H - 28		For tooling see instructions in the handling accessories kit	
 TTP620	1	 H - 92			

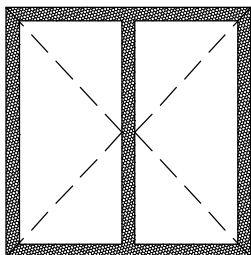
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-14 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-15 per peso anta 100/130 Kg

Per lavorazione fermavetri vedi pag. 8-15
For glass beading tooling see pag. 8-15

Handling accessories:
On view accessories layout pag. 2-14 capacity 80 Kg
On view accessories layout pag. 2-15 capacity 100/130 Kg

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	7	142-2145	Drenaggio acqua Water drainage	3	126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	4				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 3H
EA-0115	Squadretta interna telaio Internal frame corner joint	4				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 4H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	4				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 4H
EA-0113	Squadretta esterna anta External wing corner joint	8				145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	8				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 24 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	8						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0131	Tappi riporto centrale Seal plugs on central profile	1						
EA-0145	Tassello vetro per anta Wing glass support	4						

Finestra a due ante incontro T/Z - Two wing casement window central T/Z



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

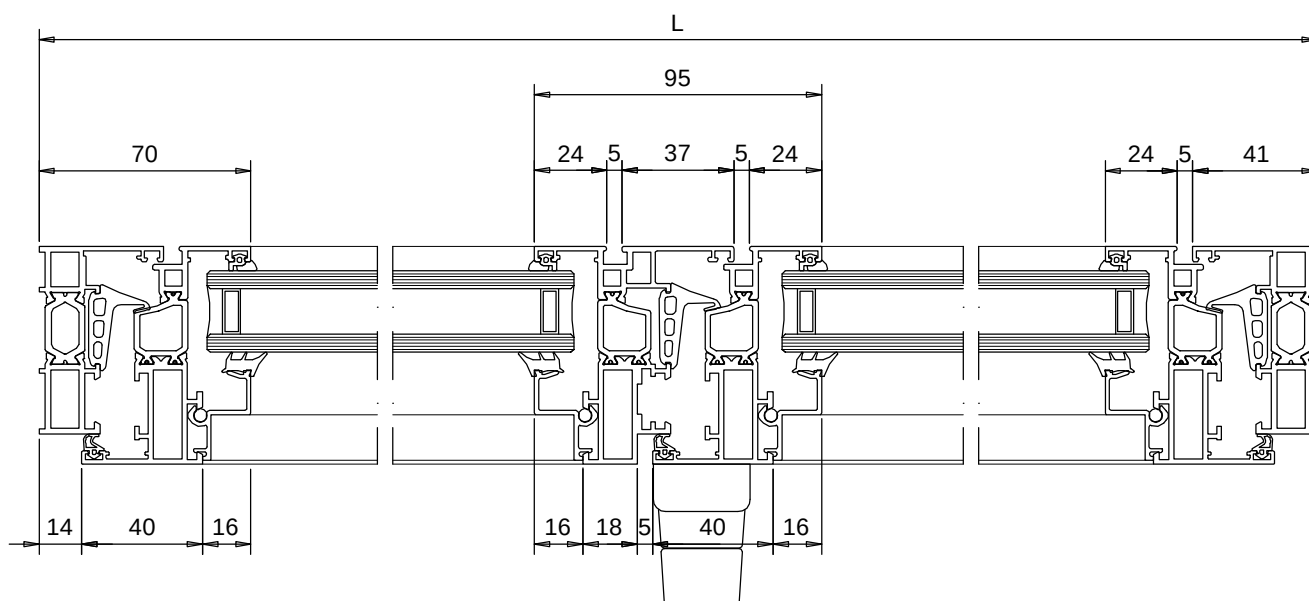
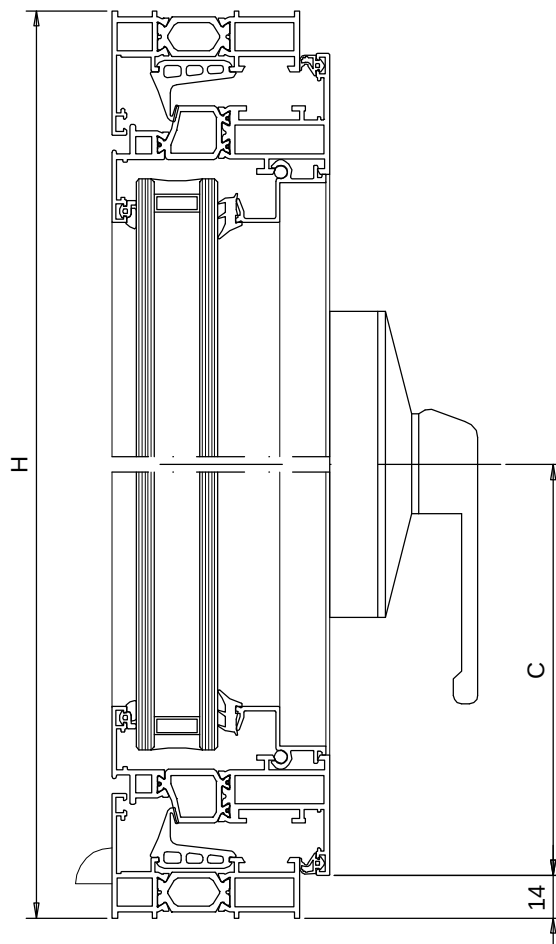
Gioco perimetrale tra profilo e vetro mm 6,5 minimo

Space between glass and profile 6,5 mm minimum

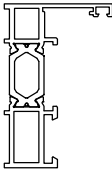
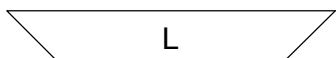
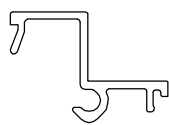
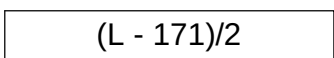
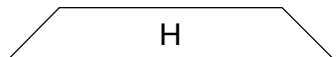
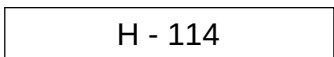
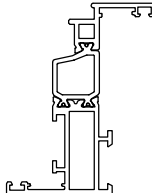
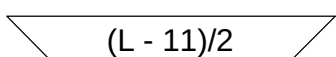
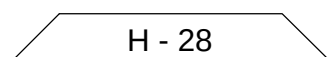
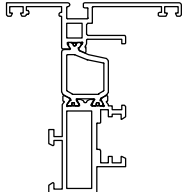
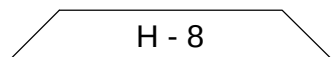
Vetro N° 2 pezzi

Glass N°2 pieces

(L-183)/2 (H-114)



Finestra a due ante incontro T/Z - Two wing casement window central T/Z

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	2	 L	 26565	4	 (L - 171)/2
	2	 H		4	 H - 114
 TTP610	4	 (L - 11)/2	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione	
	3	 H - 28		For tooling see instructions in the handling accessories kit	
 TTP613	1	 H - 8			

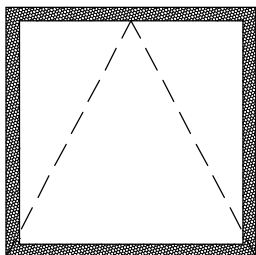
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-14 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-15 per peso anta 100/130 Kg

Per lavorazione fermavetri vedi pag. 8-15
For glass beading tooling see pag. 8-15

Handling accessories:
On view accessories layout pag. 2-14 capacity 80 Kg
On view accessories layout pag. 2-15 capacity 100/130 Kg

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	7	EA-0163	Tappi riporto centrale Seal plugs on central profile	1	126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	4				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 3H
EA-0115	Squadretta interna telaio Internal frame corner joint	4				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 4H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	4				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 4H
EA-0113	Squadretta esterna anta External wing corner joint	8				145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	8				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 24 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	8						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0145	Tassello vetro per anta Wing glass support	4						
142-2145	Drenaggio acqua Water drainage	3						

Finestra a wasistas - Hopper window



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

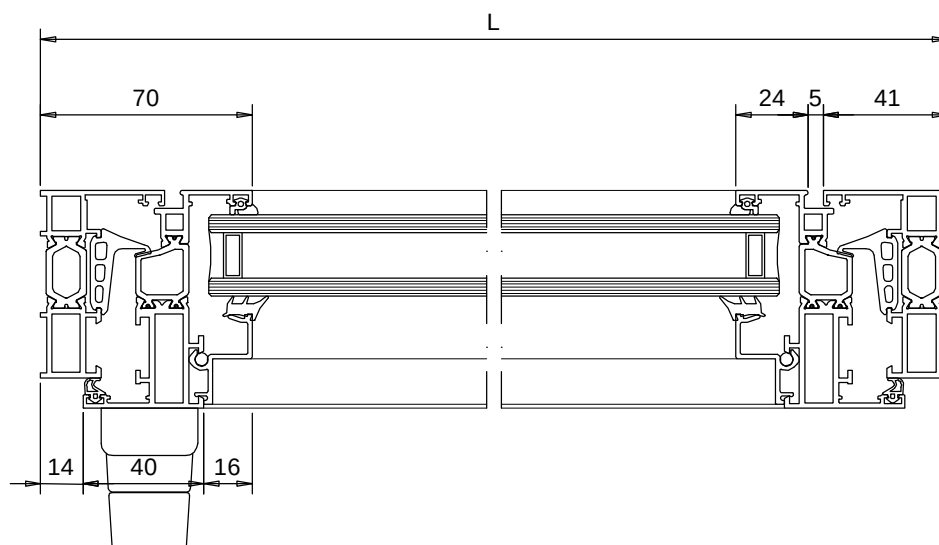
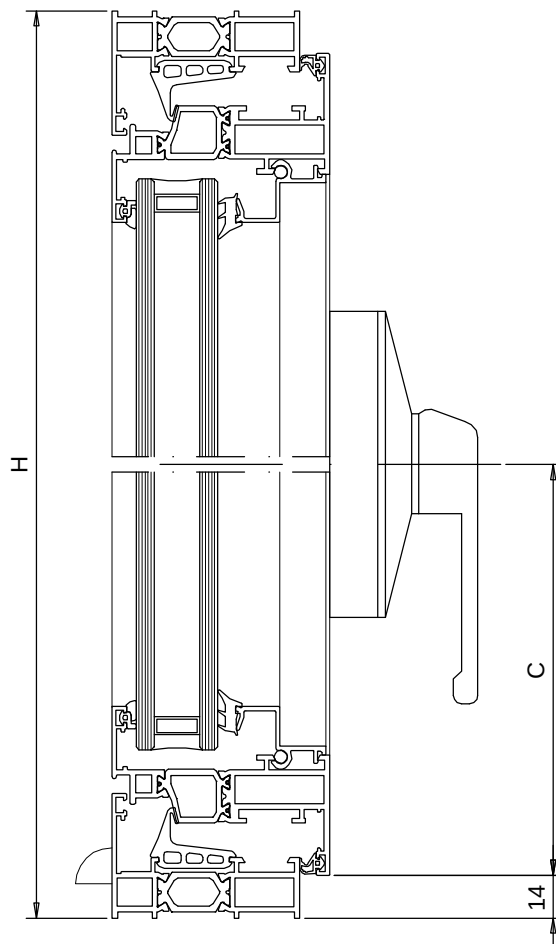
**Gioco perimetrale tra profilo
e vetro mm 6,5 minimo**

Space between glass and profile 6,5 mm minimum

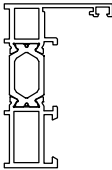
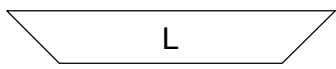
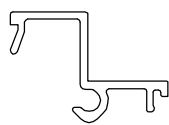
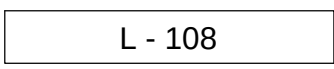
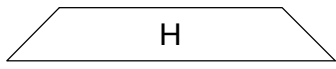
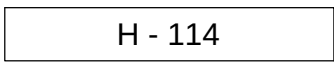
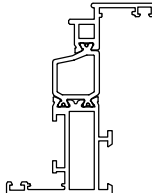
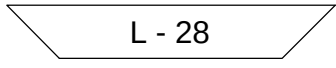
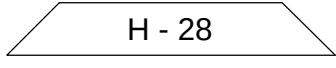
Vetro N° 1 pezzo

Glass N°1 piece

(L-114) (H-114)



Finestra a wasistas - Hopper window

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
	2	 L		2	 L - 108
TTP601	2	 H	26565	2	 H - 114
	2	 L - 28		Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
TTP610	2	 H - 28	6405		

Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-18 maniglia verticale Kg 40/100
Layout ferramenta a vista pag. 2-19 maniglia orizzontale Kg 30/50
Layout ferramenta a scomparsa pag. 2-24 maniglia orizzontale Kg 50

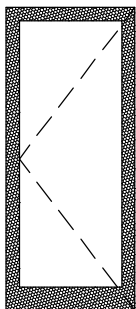
Per lavorazione fermavetri vedi pag. 8-15
For glass beading tooling see pag. 8-15

Handling accessories:

On view accessories layout pag. 2-18 vertical handle capacity 40/100 Kg
On view accessories layout pag. 2-19 horizontal handle capacity 30/50 Kg
Concealed accessories layout pag. 2-24 horizontal handle capacity 50 Kg

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	7				126-2355	Guarnizione tenuta esterna External seal gasket	2L 2H
EA-0114	Squadretta esterna telaio External frame corner joint	4				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 2H
EA-0115	Squadretta interna telaio Internal frame corner joint	4				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 2H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	4				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 2H
EA-0113	Squadretta esterna anta External wing corner joint	4				145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	4				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 12 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	4						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4						
EA-0145	Tassello vetro per anta Wing glass support	2						
142-2145	Drenaggio acqua Water drainage	2						

Portabalcone ad un anta - One wing balcony door



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

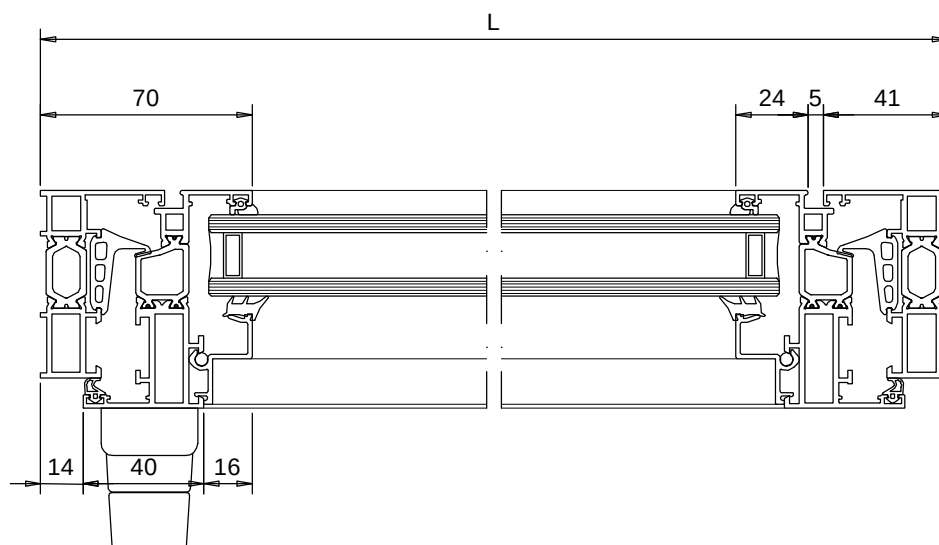
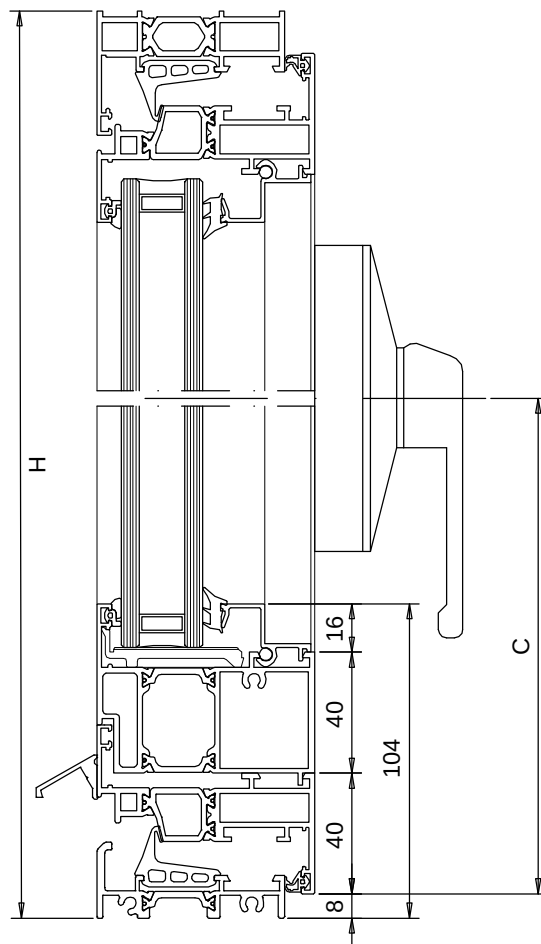
**Gioco perimetrale tra profilo
e vetro mm 6,5 minimo**

Space between glass and profile 6,5 mm minimum

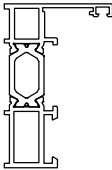
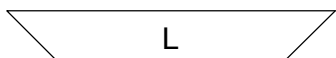
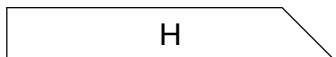
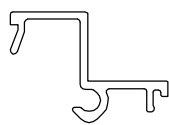
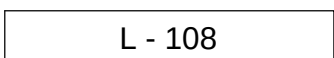
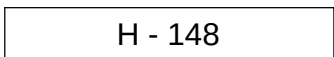
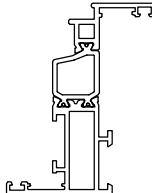
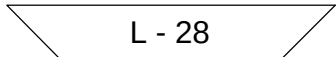
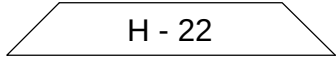
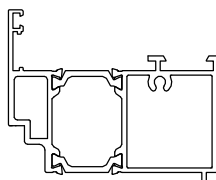
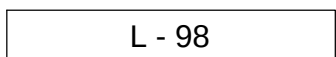
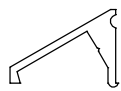
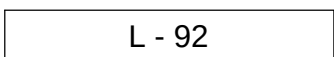
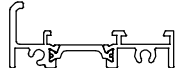
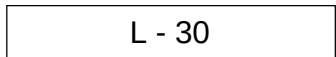
Vetro N° 1 pezzo

Glass N°1 piece

(L-114) (H-148)



Portabalcone ad un anta - One wing balcony door

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	1 2	 	 26565	2 2	 
 TTP610	2 2	 	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
 TTP621	1		 5767	1	
 TT62.36	1		Per accessori di movimentazione vedere: Layout ferramenta a vista pag. 2-11 per peso anta 80 Kg Layout ferramenta a vista pag. 2-12 per peso anta 100/130 Kg Layout ferramenta a scomparsa pag. 2-20 Handling accessories: On view accessories layout pag. 2-11 capacity 80 Kg On view accessories layout pag. 2-12 capacity 100/130 Kg Concealed accessories layout pag. 2-20 Per lavorazione fermavetri vedi pag. 8-15 For glass beading tooling see pag. 8-15		

**Accessori
Accessories**

Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	14
EA-0114	Squadretta esterna telaio External frame corner joint	2
EA-0115	Squadretta interna telaio Internal frame corner joint	2
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	2
EA-0113	Squadretta esterna anta External wing corner joint	4
EA-0116	Squadretta interna anta Internal wing corner joint	4
EA-0148	Squadretta all. esterna anta External wing align. corner joint	4
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4
EA-0145	Tassello vetro per anta Wing glass support	2

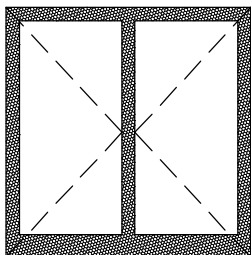
**Accessori
Accessories**

Art. Item	Descrizione Description	N°pezzi Pcs

**Guarnizioni
Gaskets**

Art. Item	Descrizione Description	N°pezzi Pcs
126-2355	Guarnizione tenuta esterna External seal gasket	2L 2H
145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 2H
EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 2H
126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 2H
145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 12 pz

Portabalcone a due ante riporto centrale - Two wing balcony door central rabbet



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

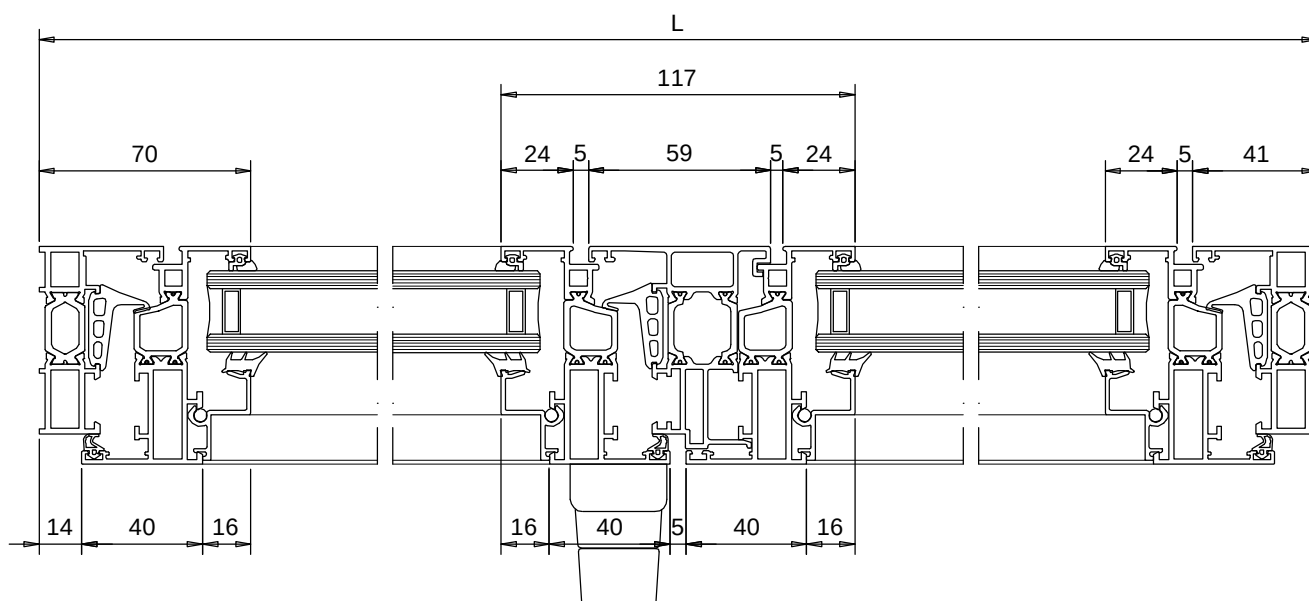
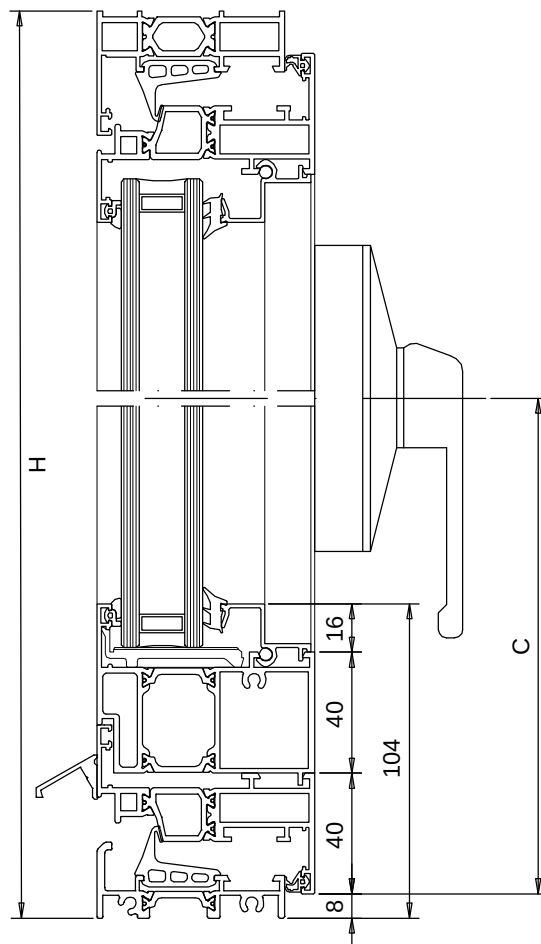
Gioco perimetrale tra profilo e vetro mm 6,5 minimo

Space between glass and profile 6,5 mm minimum

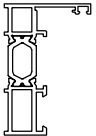
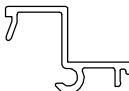
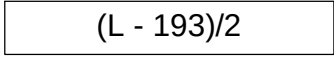
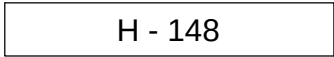
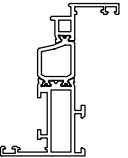
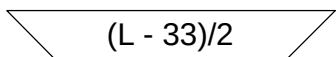
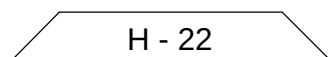
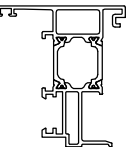
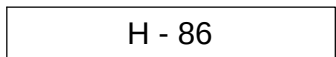
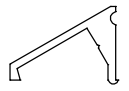
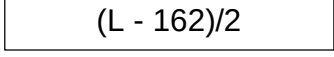
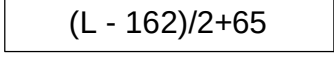
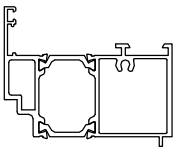
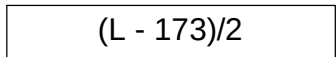
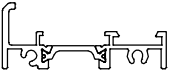
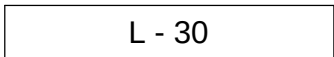
Vetro N° 2 pezzi

Glass N°2 pieces

(L-205)/2 (H-148)



Portabalcone a due ante riporto centrale - Two wing balcony window central rabbet

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	1		 26565	4	
	2			4	
 TTP610	4		 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
	4				
 TTP620	1		 5767	1	
				1	
 TTP621	2		 TT62.36	1	

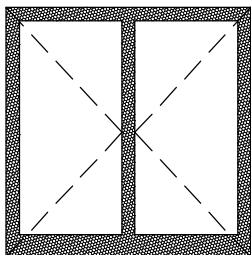
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-14 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-15 per peso anta 100/130 Kg

Per lavorazione fermavetri vedi pag. 8-15
For glass beading tooling see pag. 8-15

Handling accessories:
On view accessories layout pag. 2-14 capacity 80 Kg
On view accessories layout pag. 2-15 capacity 100/130 Kg

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	14				126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	2				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 3H
EA-0115	Squadretta interna telaio Internal frame corner joint	2				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 4H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	2				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 4H
EA-0113	Squadretta esterna anta External wing corner joint	8				145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	8				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 24 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	8						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0131	Tappi riporto centrale Seal plugs on central profile	1						
EA-0145	Tassello vetro per anta Wing glass support	4						

Portabalcone a due ante incontro TIZ - Two wing balcony door central TIZ



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

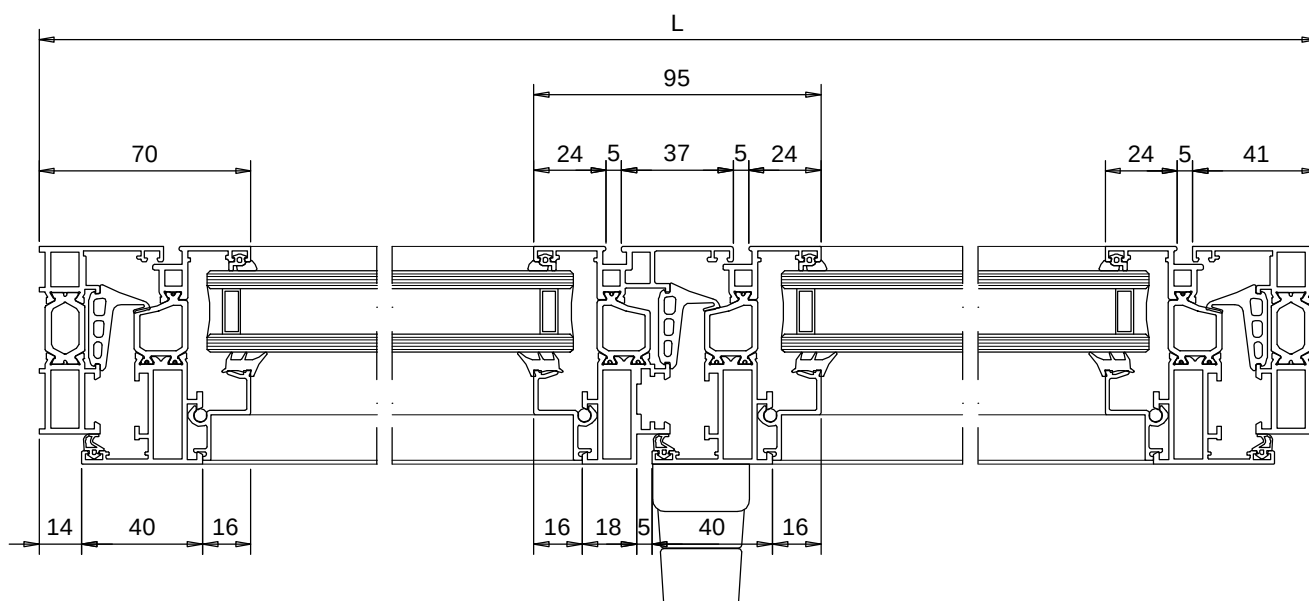
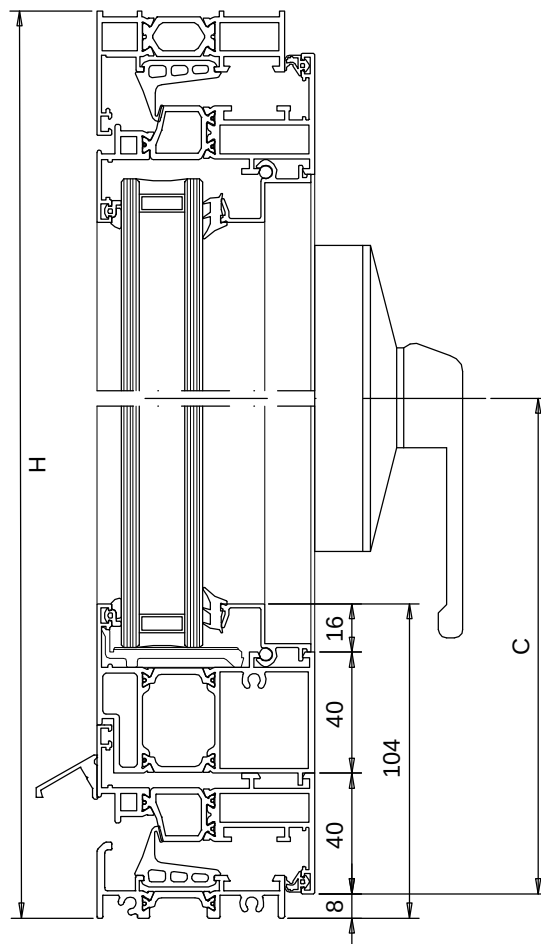
Gioco perimetrale tra profilo e vetro mm 6,5 minimo

Space between glass and profile 6,5 mm minimum

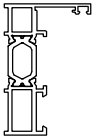
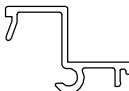
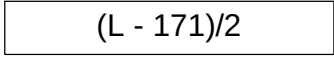
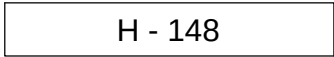
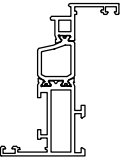
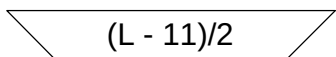
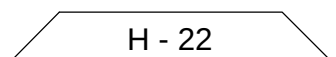
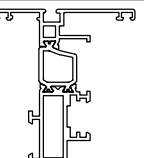
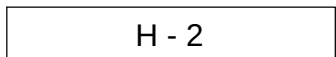
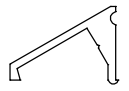
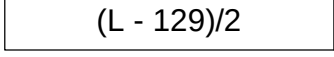
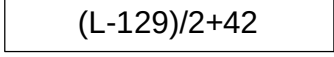
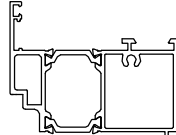
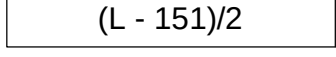
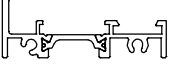
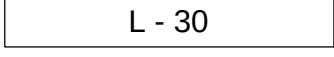
Vetro N° 2 pezzi

Glass N°2 pieces

(L-183)/2 (H-148)



Portabalcone a due ante incontro TIZ - Two wing balcony door central TIZ

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	1		 26565	4	
	2			4	
 TTP610	4		 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
	4				
 TTP613	1		 5767	1	
				1	
 TTP621	2		 TT62.36		

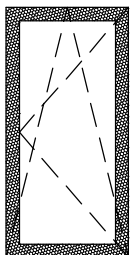
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-14 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-15 per peso anta 100/130 Kg

Per lavorazione fermavetri vedi pag. 8-15
For glass beading tooling see pag. 8-15

Handling accessories:
On view accessories layout pag. 2-14 capacity 80 Kg
On view accessories layout pag. 2-15 capacity 100/130 Kg

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	14				126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	2				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 3H
EA-0115	Squadretta interna telaio Internal frame corner joint	2				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 4H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	2				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 4H
EA-0113	Squadretta esterna anta External wing corner joint	8				145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	8				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 24 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	8						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0145	Tassello vetro per anta Wing glass support	4						
EA-0163	Tappi riporto centrale Seal plugs on central profile	1						

Finestra ad un anta ribalta - One wing with tilt-turn



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

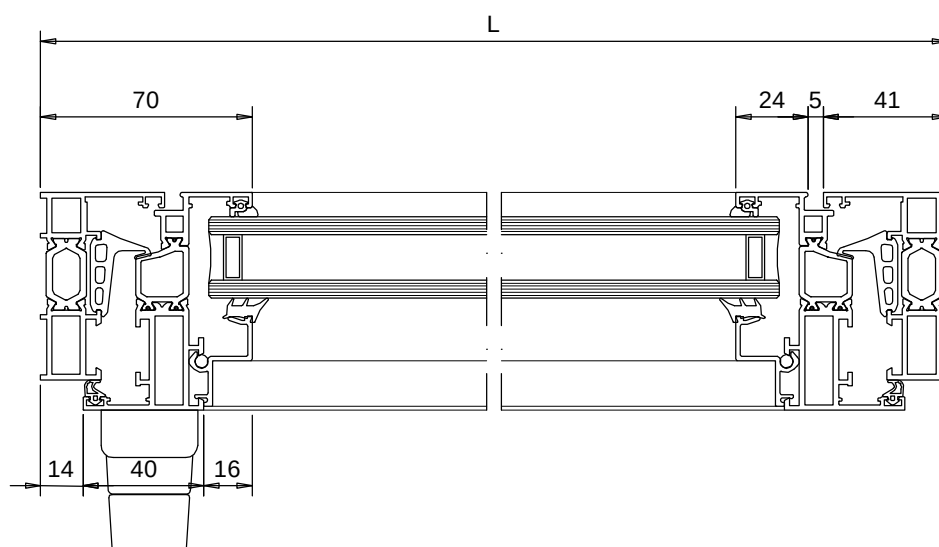
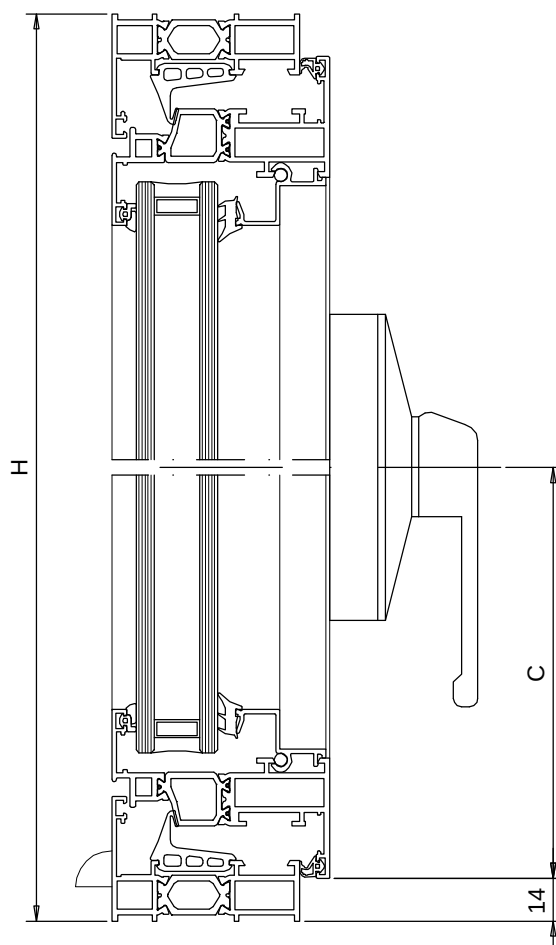
**Gioco perimetrale tra profilo
e vetro mm 6,5 minimo**

Space between glass and profile 6,5 mm minimum

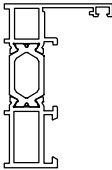
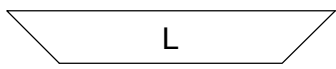
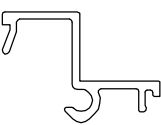
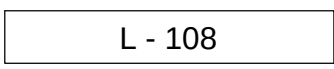
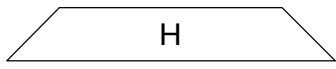
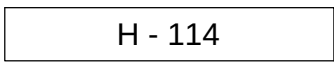
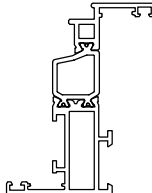
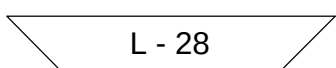
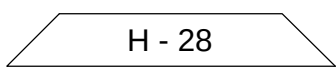
Vetro N° 1 pezzo

Glass N°1 piece

(L-114) (H-114)



Finestra ad un anta ribalta - One wing with tilt-turn

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
	2			2	
TTP601	2		26565	2	
	2			Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
TTP610	2		6405		

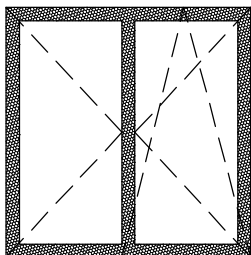
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-13 per peso anta 100/130 Kg
Layout ferramenta a scomparsa pag. 2-21

Per lavorazione fermavetri vedi pag. 8-15
For glass beading tooling see pag. 8-15

Handling accessories:
On view accessories layout pag. 2-13 capacity 100/130 Kg
Concealed accessories layout pag. 2-21

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	7				126-2355	Guarnizione tenuta esterna External seal gasket	2L 2H
EA-0114	Squadretta esterna telaio External frame corner joint	4				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 2H
EA-0115	Squadretta interna telaio Internal frame corner joint	4				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 2H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	4				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 2H
EA-0113	Squadretta esterna anta External wing corner joint	4				145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	4				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 12 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	4						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4						
EA-0145	Tassello vetro per anta Wing glass support	2						
142-2145	Drenaggio acqua Water drainage	2						

Finestra a due ante con ribalta riporto centrale - Two wing casement window with tilt-turn central rabbet



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

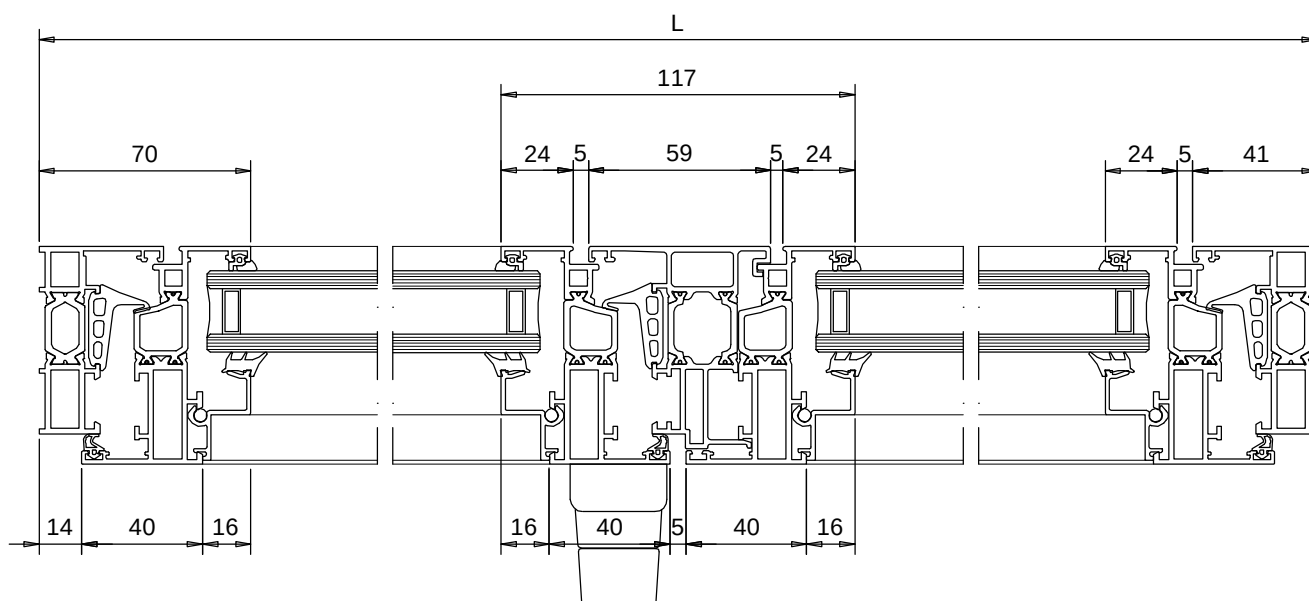
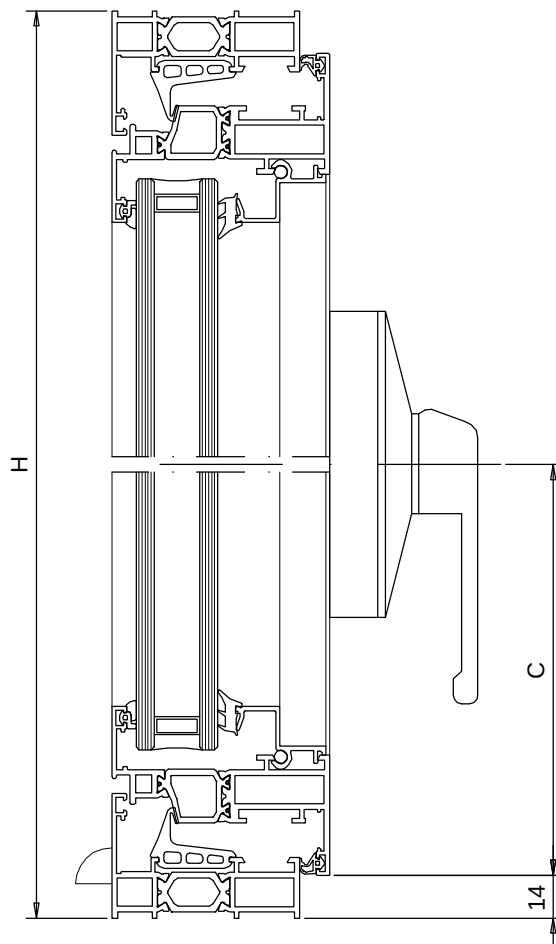
**Gioco perimetrale tra profilo
e vetro mm 6,5 minimo**

Space between glass and profile 6,5 mm minimum

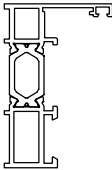
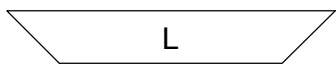
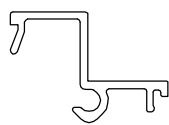
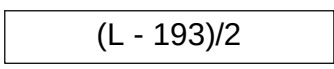
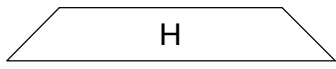
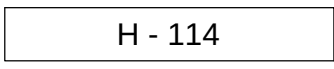
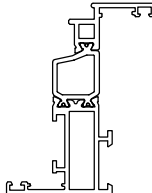
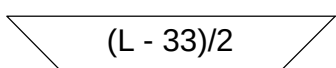
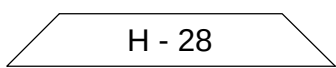
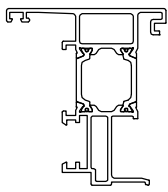
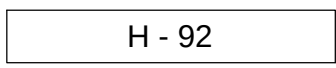
Vetro N° 2 pezzi

Glass N°2 pieces

(L-205)/2 (H-114)



Finestra a due ante con ribalta riporto centrale - Two wing casement window with tilt-turn central rabbet

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	2	 L	 26565	4	 (L - 193)/2
	2	 H		4	 H - 114
 TTP610	4	 (L - 33)/2	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
	4	 H - 28			
 TTP620	1	 H - 92			

Per accessori di movimentazione vedere:

Layout ferramenta a vista pag. 2-17 prima anta peso 100/130 Kg

Layout ferramenta a vista pag. 2-16 seconda anta peso 100/130 Kg

Layout ferramenta a scomparsa pag. 2-23 prima anta

Layout ferramenta a scomparsa pag. 2-22 seconda anta

Handling accessories:

On view accessories layout pag. 2-17 first wing capacity 100/130 Kg

On view accessories layout pag. 2-18 second wing capacity 100/130 Kg

Concealed accessories layout pag. 2-23 first wing

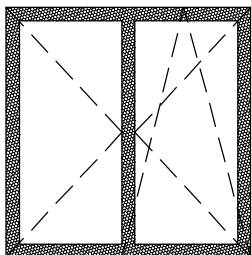
Concealed accessories layout pag. 2-22 second wing

Per lavorazione fermavetri vedi pag. 8-15

For glass beading tooling see pag. 8-15

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	7	142-2145	Drenaggio acqua Water drainage	3	126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	4				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 3H
EA-0115	Squadretta interna telaio Internal frame corner joint	4				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 4H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	4				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 4H
EA-0113	Squadretta esterna anta External wing corner joint	8				145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	8				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 24 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	8						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0131	Tappi riporto centrale Seal plugs on central profile	1						
EA-0145	Tassello vetro per anta Wing glass support	4						

Finestra a due ante con ribalta incontro TIZ - Two wing casement window with tilt-turn central TIZ



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

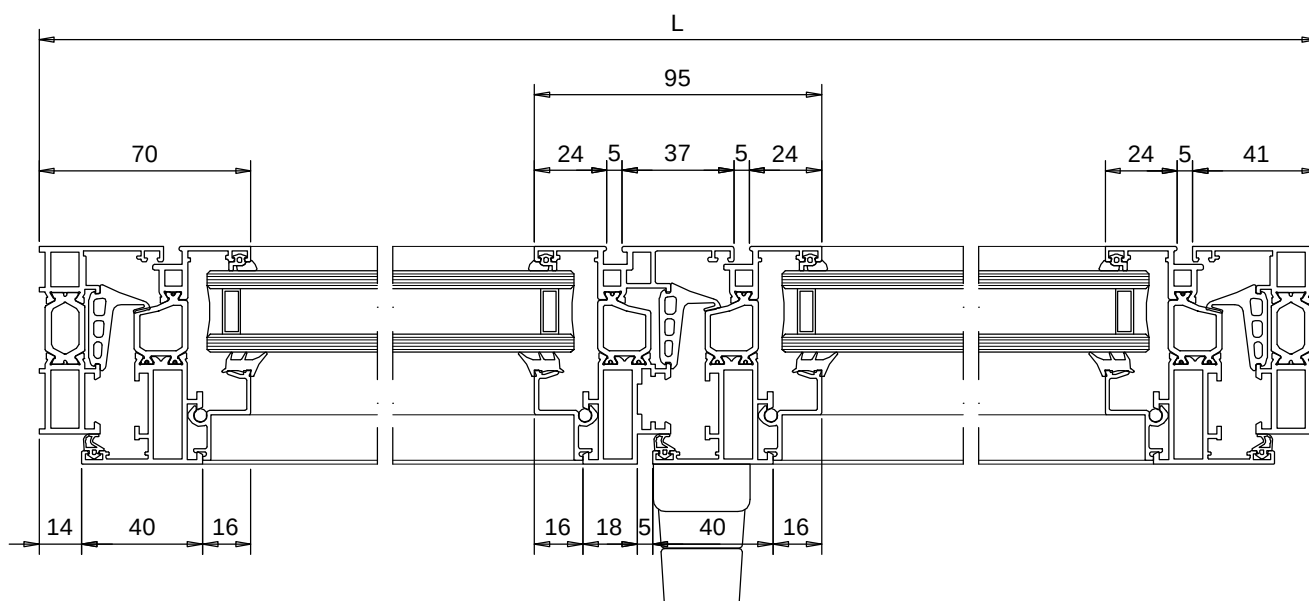
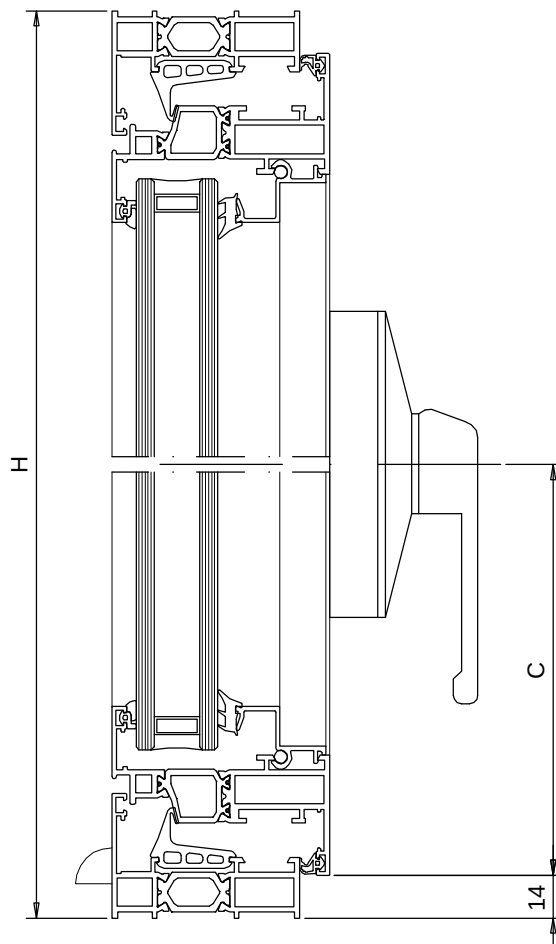
Gioco perimetrale tra profilo e vetro mm 6,5 minimo

Space between glass and profile 6,5 mm minimum

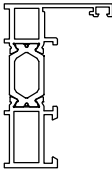
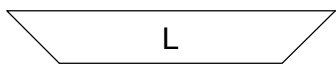
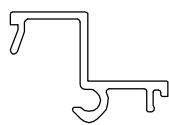
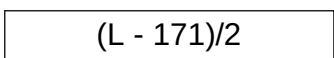
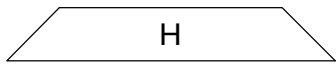
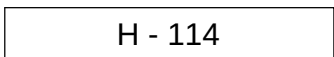
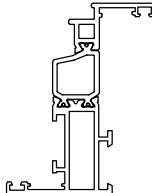
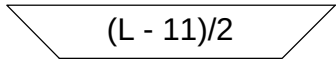
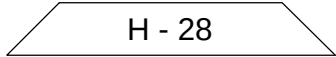
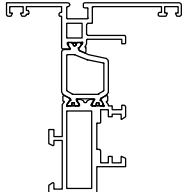
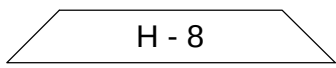
Vetro N° 2 pezzi

Glass N°2 pieces

(L-183)/2 (H-114)



Finestra a due ante con ribalta incontro TIZ - Two wing casement window with tilt-turn central TIZ

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	2	 L	 26565	4	 (L - 171)/2
	2	 H		4	 H - 114
 TTP610	4	 (L - 11)/2	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione	
	3	 H - 28		For tooling see instructions in the handling accessories kit	
 TTP613	1	 H - 8			

Per accessori di movimentazione vedere:

Layout ferramenta a vista pag. 2-17 prima anta peso 100/130 Kg

Layout ferramenta a vista pag. 2-16 seconda anta peso 100/130 Kg

Layout ferramenta a scomparsa pag. 2-23 prima anta

Layout ferramenta a scomparsa pag. 2-22 seconda anta

Handling accessories:

On view accessories layout pag. 2-17 first wing capacity 100/130 Kg

On view accessories layout pag. 2-18 second wing capacity 100/130 Kg

Concealed accessories layout pag. 2-23 first wing

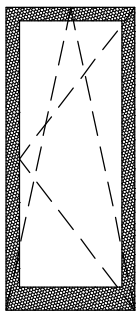
Concealed accessories layout pag. 2-22 second wing

Per lavorazione fermavetri vedi pag. 8-15

For glass beading tooling see pag. 8-15

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	7	EA-0163	Tappi riporto centrale Seal plugs on central profile	1	126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	4				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 3H
EA-0115	Squadretta interna telaio Internal frame corner joint	4				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 4H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	4				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 4H
EA-0113	Squadretta esterna anta External wing corner joint	8				145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	8				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 24 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	8						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0145	Tassello vetro per anta Wing glass support	4						
142-2145	Drenaggio acqua Water drainage	3						

Portabalcone ad un anta ribalta - One wing balcony door with tilt-turn



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

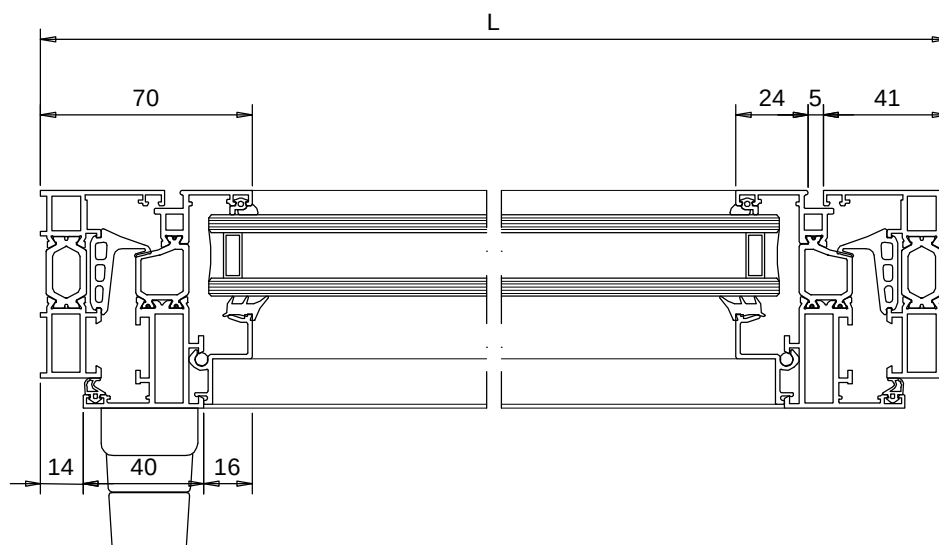
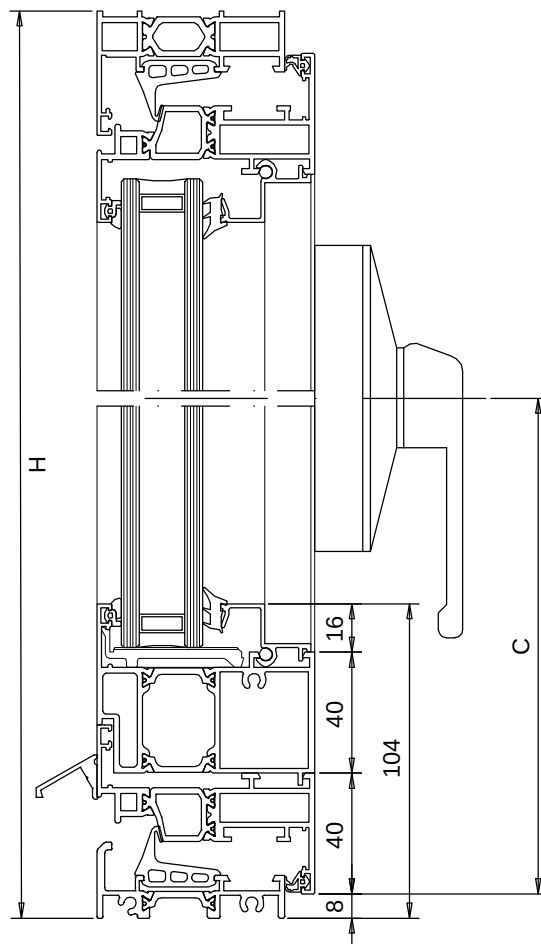
**Gioco perimetrale tra profilo
e vetro mm 6,5 minimo**

Space between glass and profile 6,5 mm minimum

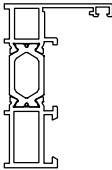
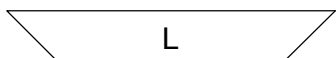
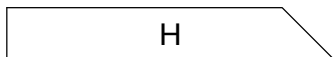
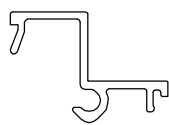
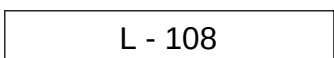
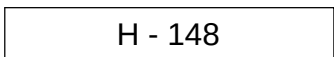
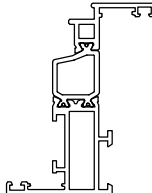
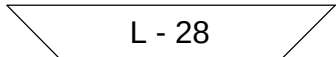
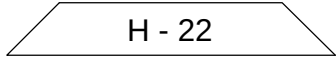
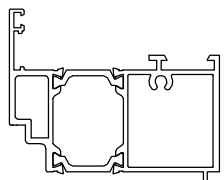
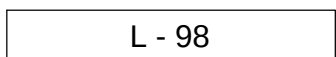
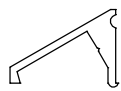
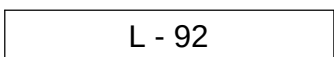
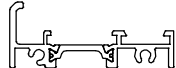
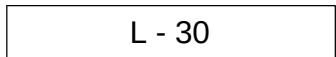
Vetro N° 1 pezzo

Glass N°1 piece

(L-114) (H-148)



Portabalcone ad un anta ribalta - One wing balcony door with tilt-turn

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	1 2	 	 26565	2 2	 
 TTP610	2 2	 	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
 TTP621	1		 5767	1	
 TT62.36	1		Per accessori di movimentazione vedere: Layout ferramenta a vista pag. 2-13 per peso anta 100/130 Kg Layout ferramenta a scomparsa pag. 2-21 Handling accessories: On view accessories layout pag. 2-13 capacity 100/130 Kg Concealed accessories layout pag. 2-21 Per lavorazione fermavetri vedi pag. 8-15 For glass beading tooling see pag. 8-15		

**Accessori
Accessories**

Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	14
EA-0114	Squadretta esterna telaio External frame corner joint	2
EA-0115	Squadretta interna telaio Internal frame corner joint	2
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	2
EA-0113	Squadretta esterna anta External wing corner joint	4
EA-0116	Squadretta interna anta Internal wing corner joint	4
EA-0148	Squadretta all. esterna anta External wing align. corner joint	4
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4
EA-0145	Tassello vetro per anta Wing glass support	2

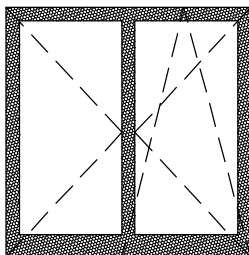
**Accessori
Accessories**

Art. Item	Descrizione Description	N°pezzi Pcs

**Guarnizioni
Gaskets**

Art. Item	Descrizione Description	N°pezzi Pcs
126-2355	Guarnizione tenuta esterna External seal gasket	2L 2H
145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 2H
EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 2H
126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 2H
145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 12 pz

Portabalcone a due ante con ribalta riporto centrale - Two wing balcony door with tilt-turn central rabbet



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

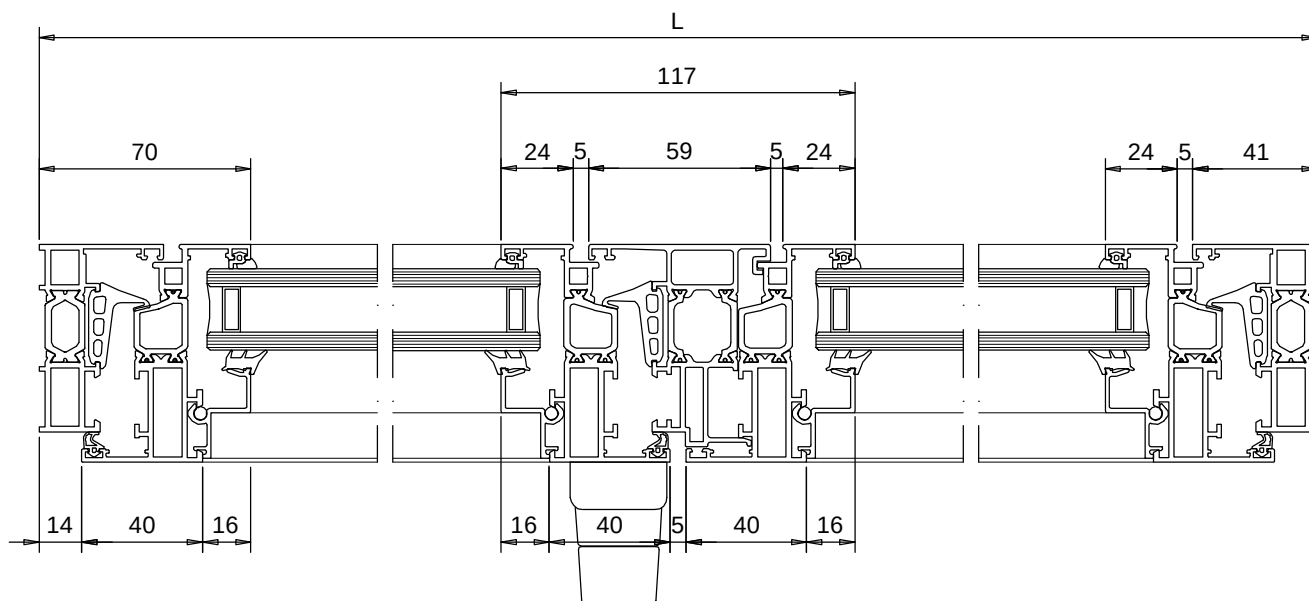
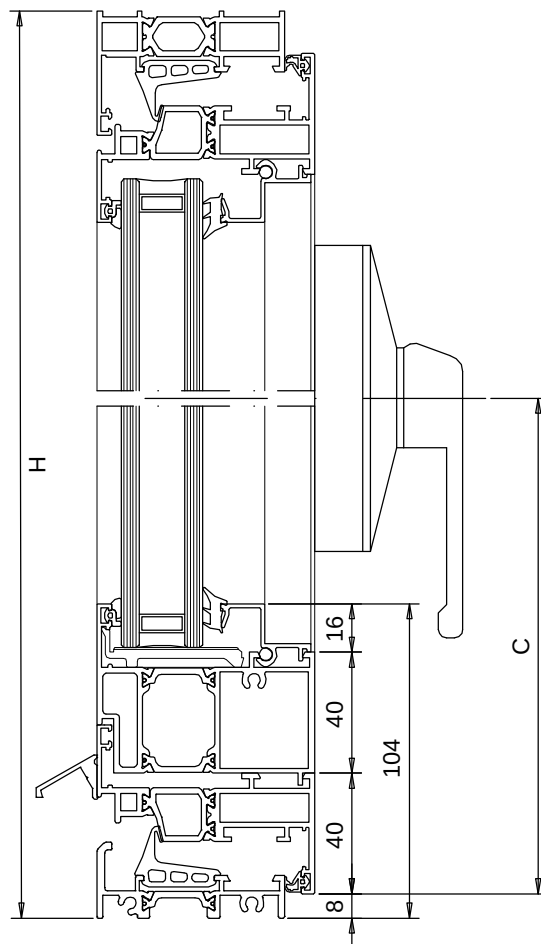
Gioco perimetrale tra profilo e vetro mm 6,5 minimo

Space between glass and profile 6,5 mm minimum

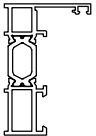
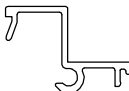
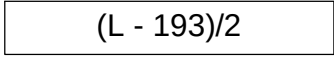
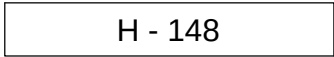
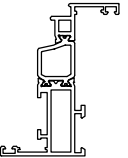
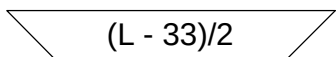
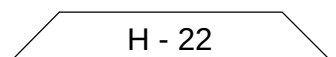
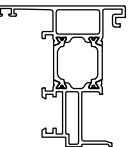
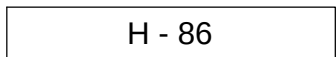
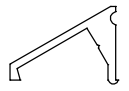
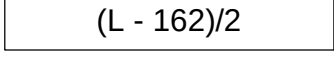
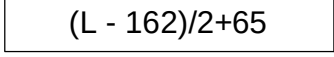
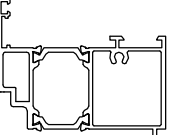
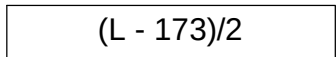
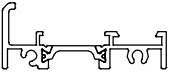
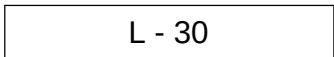
Vetro N° 2 pezzi

Glass N°2 pieces

(L-205)/2 (H-148)



Portabalcone a due ante con ribalta riporto centrale - Two wing balcony door with tilt-turn central rabbet

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	1		 26565	4	
	2			4	
 TTP610	4		 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
	4				
 TTP620	1		 5767	1	
				1	
 TTP621	2		 TT62.36	1	

Per accessori di movimentazione vedere:

Layout ferramenta a vista pag. 2-17 prima anta peso 100/130 Kg

Layout ferramenta a vista pag. 2-16 seconda anta peso 100/130 Kg

Layout ferramenta a scomparsa pag. 2-23 prima anta

Layout ferramenta a scomparsa pag. 2-22 seconda anta

Handling accessories:

On view accessories layout pag. 2-17 first wing capacity 100/130 Kg

On view accessories layout pag. 2-18 second wing capacity 100/130 Kg

Concealed accessories layout pag. 2-23 first wing

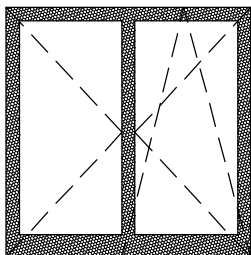
Concealed accessories layout pag. 2-22 second wing

Per lavorazione fermavetri vedi pag. 8-15

For glass beading tooling see pag. 8-15

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	14				126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	2				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 3H
EA-0115	Squadretta interna telaio Internal frame corner joint	2				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 4H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	2				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 4H
EA-0113	Squadretta esterna anta External wing corner joint	8					Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	8				145-DU2308	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 24 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	8						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0145	Tassello vetro per anta Wing glass support	4						
EA-0131	Tappi riporto centrale Seal plugs on central profile	1						

Portabalcone a due ante con ribalta incontro T/Z - Two wing balcony door with tilt-turn central T/Z



Note:

Notes:

Spessore vetro considerato mm 27

For glass with 27 mm thickness

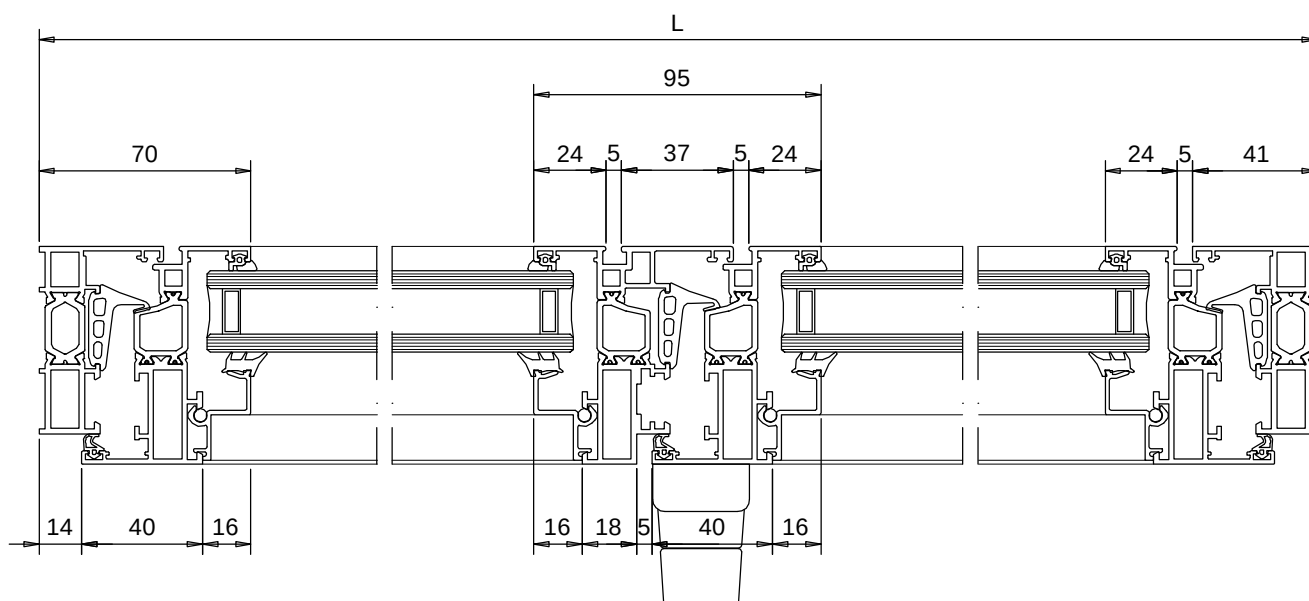
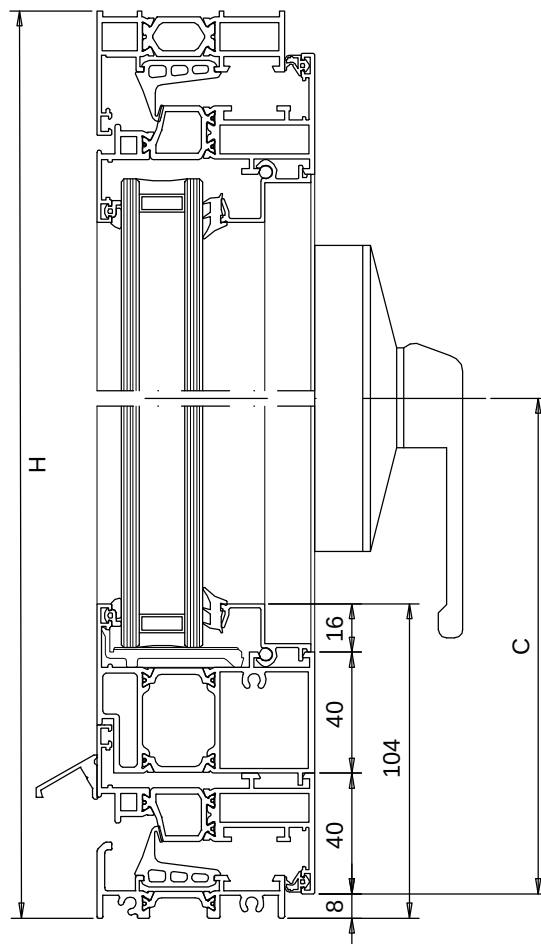
Gioco perimetrale tra profilo e vetro mm 6,5 minimo

Space between glass and profile 6,5 mm minimum

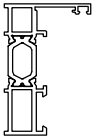
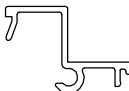
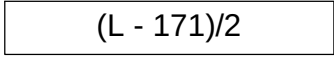
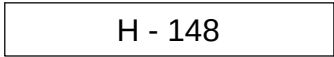
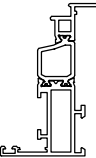
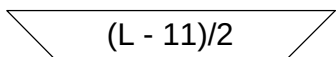
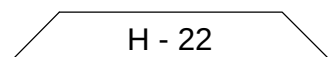
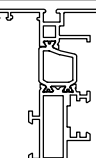
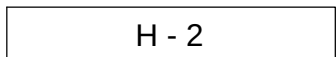
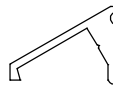
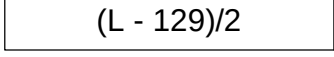
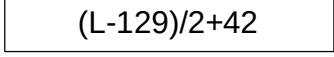
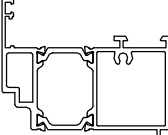
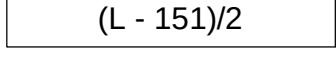
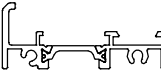
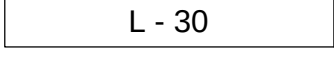
Vetro N° 2 pezzi

Glass N°2 pieces

(L-183)/2 (H-148)



Portabalcone a due ante incontro TIZ - Two wing balcony door central TIZ

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP601	1		 26565	4	
	2			4	
 TTP610	4		 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
	4				
 TTP613	1		 5767	1	
				1	
 TTP621	2		 TT62.36	1	

Per accessori di movimentazione vedere:

Layout ferramenta a vista pag. 2-17 prima anta peso 100/130 Kg

Layout ferramenta a vista pag. 2-16 seconda anta peso 100/130 Kg

Layout ferramenta a scomparsa pag. 2-23 prima anta

Layout ferramenta a scomparsa pag. 2-22 seconda anta

Handling accessories:

On view accessories layout pag. 2-17 first wing capacity 100/130 Kg

On view accessories layout pag. 2-18 second wing capacity 100/130 Kg

Concealed accessories layout pag. 2-23 first wing

Concealed accessories layout pag. 2-22 second wing

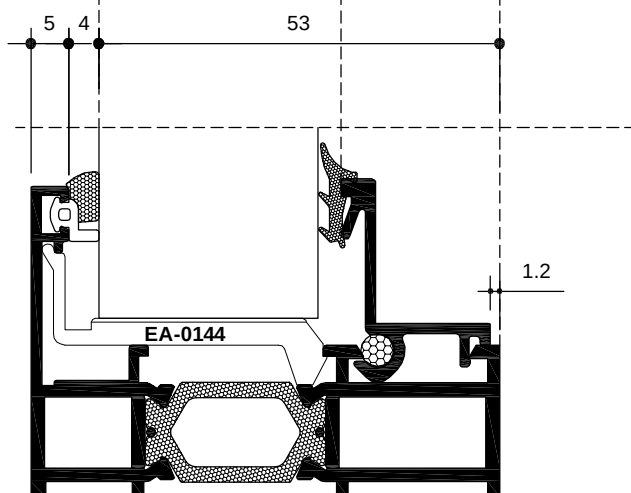
Per lavorazione fermavetri vedi pag. 8-15

For glass beading tooling see pag. 8-15

Accessori Accessories			Accessori Accessories			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
172-A001	Espansore Adjustable block	14				126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	2				145-DU5233	Guarnizione di tenuta centrale Central seal gasket	2L 3H
EA-0115	Squadretta interna telaio Internal frame corner joint	2				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 4H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	2				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 4H
EA-0113	Squadretta esterna anta External wing corner joint	8				145-DU2308	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	8				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 24 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	8						
153-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0145	Tassello vetro per anta Wing glass support	4						
EA-0163	Tappi riporto centrale Seal plugs on central profile	1						

Schema vetratura telaio - Frame glazing diagram

Spessore vetro	Guarnizione interna	Larghezza fermavetro	Fermavetro
18	B	29	26562
19	B		
20	A		
21	A		
22	B	25	26561
23	B		
24	A		
25	A		
26	B	21	24676
27	B		
28	A		
29	A		



EG-0069

Guarnizione esterna
da 4 mm



EG-0052

Guarnizione per
fissaggio fermavetri
e cavallotti

(a pezzi L = 50 mm.)

Campi di utilizzo:

- inferiore a 1000 mm. --> 2 pezzi
- tra 1000 mm e 2000 mm. --> 3 pezzi
- tra 2000 mm e 3000 mm. --> 4 pezzi

Confezione da 100 pz.



126-2194

A

Guarnizione interna
da 3÷4 mm



126-2195

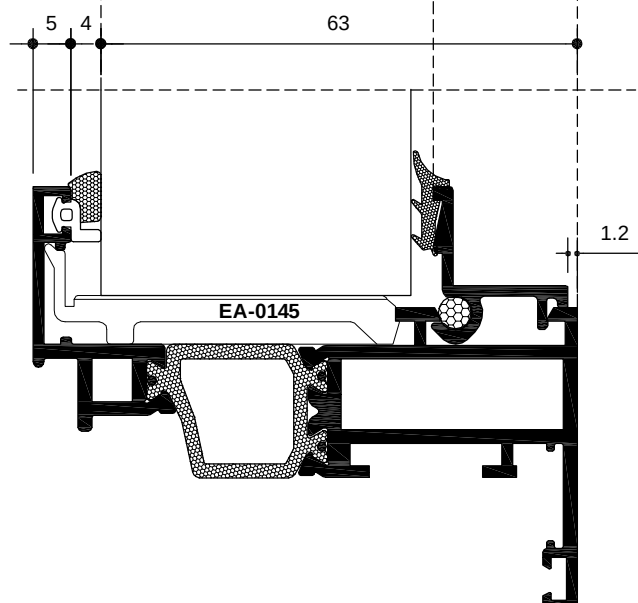
B

Guarnizione interna
da 5÷6 mm

Le tabelle per la vetratura sono state realizzate considerando le quote nominali. Le dimensioni reali della vetratura e dei profili, dipendenti dalle tolleranze di produzione, devono essere sempre verificate. Una differente scelta della guarnizione cingivetro interna può correggere l'eventuale discordanza tra quote nominali e reali.

Schema vetratura telaio - Frame glazing diagram

Spessore vetro	Guarnizione interna	Larghezza fermavetro	Fermavetro
18	B	39	26567
19	B		
20	A		
21	A		
22	B	35	26566
23	B		
24	A		
25	A		
26	B	31	26565
27	B		
28	A		
29	A		
30	B	27	26564
31	B		
32	A		
33	A		
34	B	23	26563
35	B		
36	A		
37	A		
38	B	19	26572
39	B		
40	A		
41	A		



EG-0069

Guarnizione esterna
da 4 mm



EG-0052

Guarnizione per
fissaggio fermavetri
e cavallotti

(a pezzi L = 50 mm.)

Campi di utilizzo:

- inferiore a 1000 mm. --> 2 pezzi
- tra 1000 mm e 2000 mm. --> 3 pezzi
- tra 2000 mm e 3000 mm. --> 4 pezzi

Confezione da 100 pz.



A

126-2194

Guarnizione interna
da 3÷4 mm



B

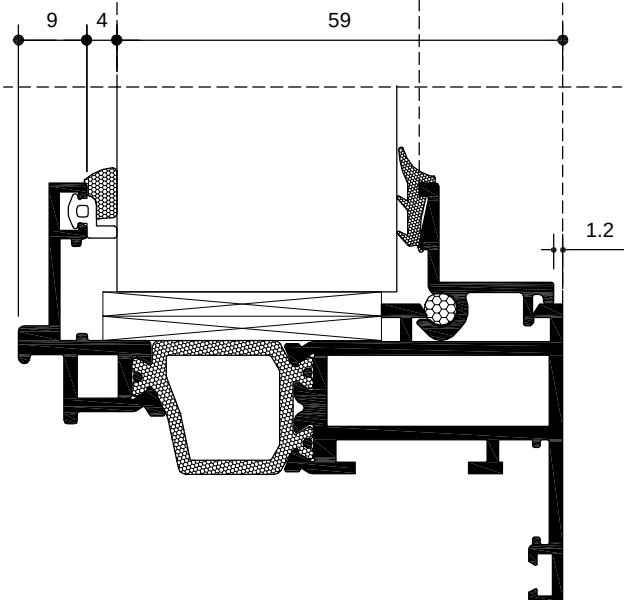
126-2195

Guarnizione interna
da 5÷6 mm

Le tabelle per la vetratura sono state realizzate considerando le quote nominali. Le dimensioni reali della vetratura e dei profili, dipendenti dalle tolleranze di produzione, devono essere sempre verificate. Una differente scelta della guarnizione cingivetro interna può correggere l'eventuale discordanza tra quote nominali e reali.

Schema vetratura telaio - Frame glazing diagram

Spessore vetro	Guarnizione interna	Larghezza fermavetro	Fermavetro
14	B	39	26567
15	B		
16	A		
17	A		
18	B	35	26566
19	B		
20	A		
21	A		
22	B	31	26565
23	B		
24	A		
25	A		
26	B	27	26564
27	B		
28	A		
29	A		
30	B	23	26563
31	B		
32	A		
33	A		
34	B	19	26572
35	B		
36	A		
37	A		



EG-0069

Guarnizione esterna
da 4 mm



EG-0052

Guarnizione per
fissaggio fermavetri
e cavallotti

(a pezzi L = 50 mm.)

Campi di utilizzo:

- inferiore a 1000 mm. --> 2 pezzi
- tra 1000 mm e 2000 mm. --> 3 pezzi
- tra 2000 mm e 3000 mm. --> 4 pezzi

Confezione da 100 pz.



126-2194

Guarnizione interna
da 3÷4 mm



126-2195

Guarnizione interna
da 5÷6 mm

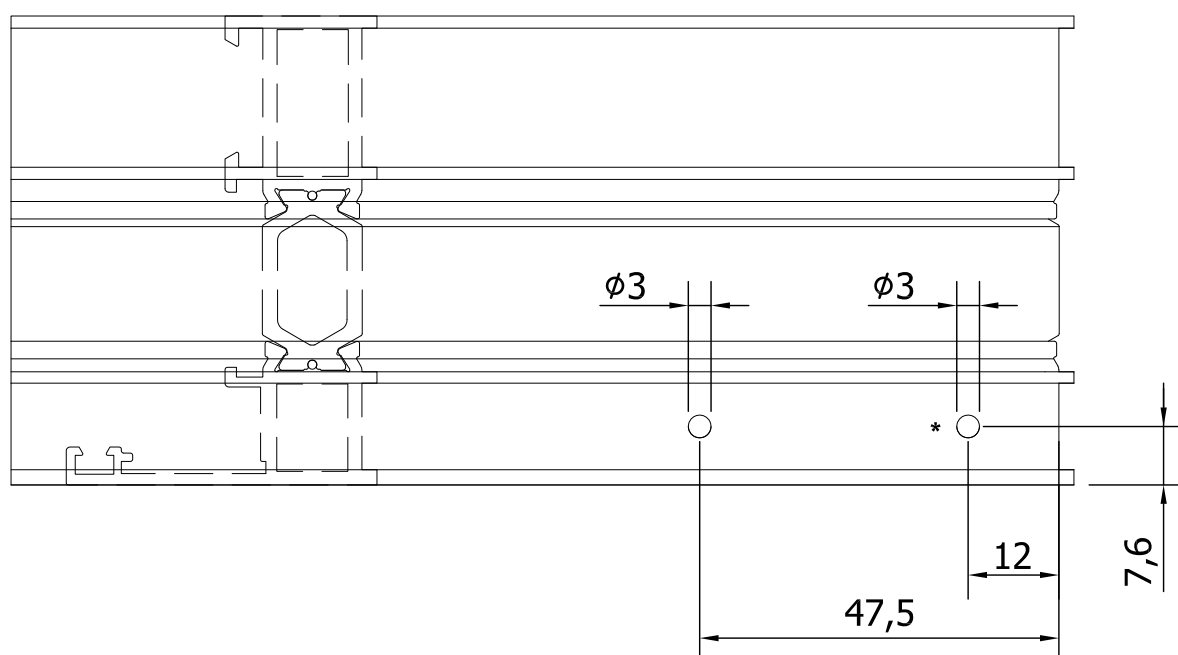
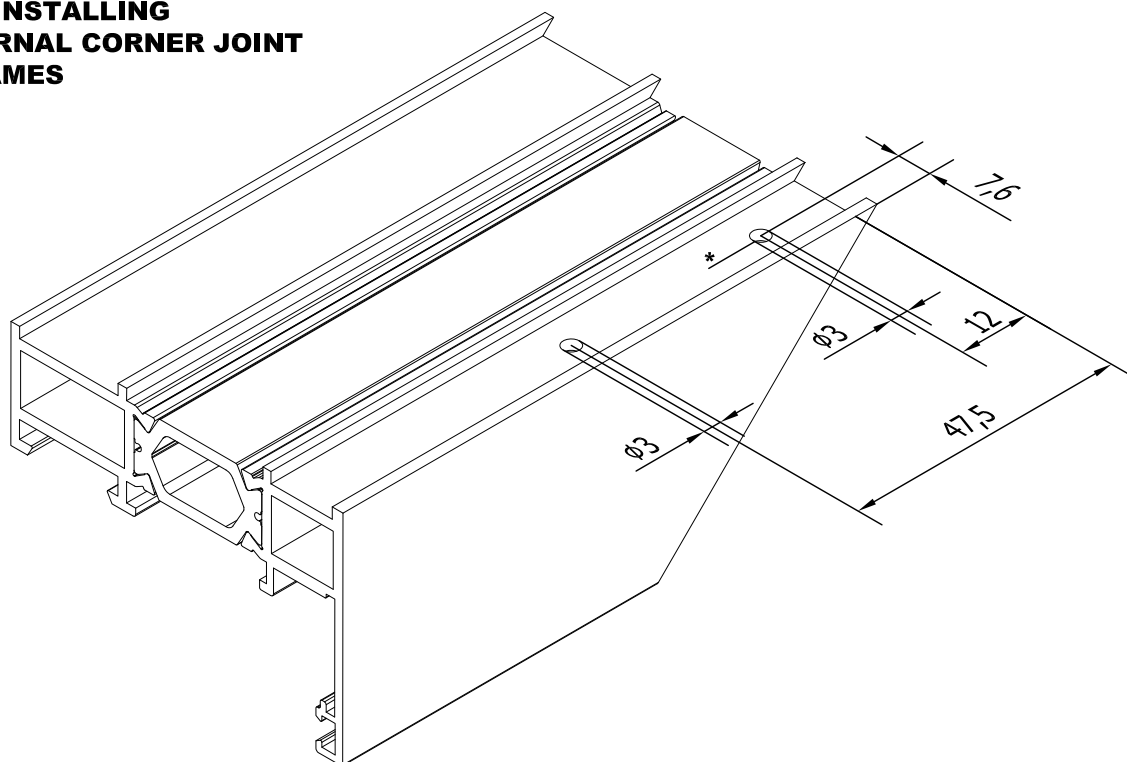
Le tabelle per la vetratura sono state realizzate considerando le quote nominali. Le dimensioni reali della vetratura e dei profili, dipendenti dalle tolleranze di produzione, devono essere sempre verificate. Una differente scelta della guarnizione cingivetro interna può correggere l'eventuale discordanza tra quote nominali e reali.

Lavorazioni - Tooling

LAVORAZIONE PER SQUADRETTA ESTERNA A SPINARE PER TELAI FISSI

TOOLING FOR INSTALLING PINNING EXTERNAL CORNER JOINT FOR FIXED FRAMES

* Foro opzionale per incollaggio

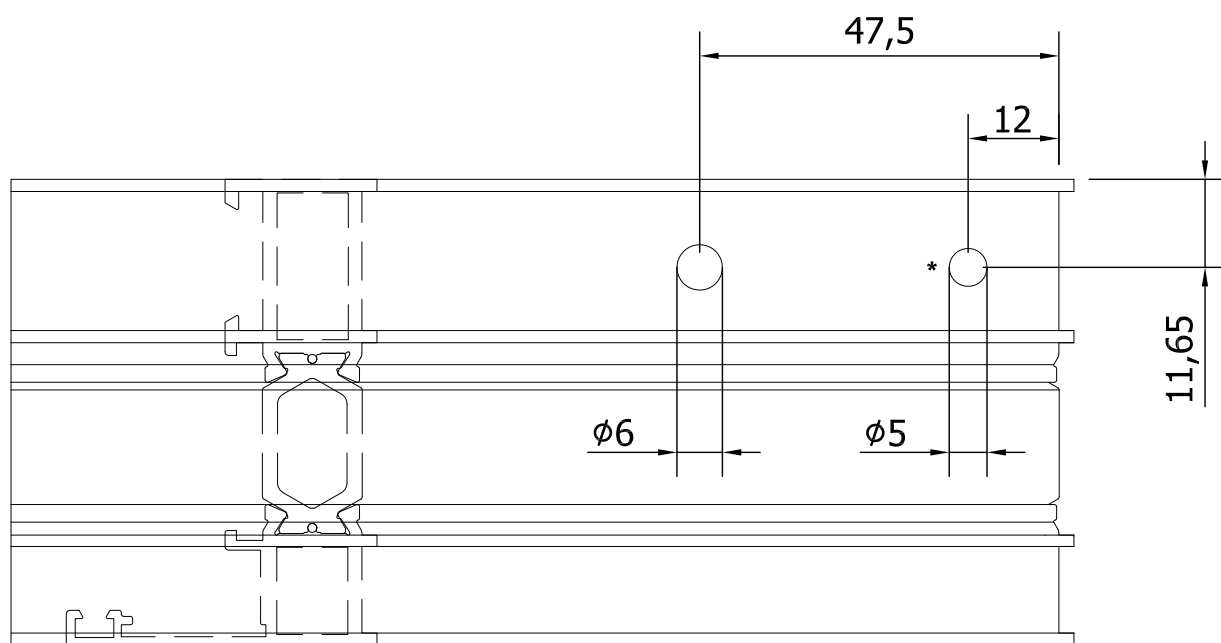
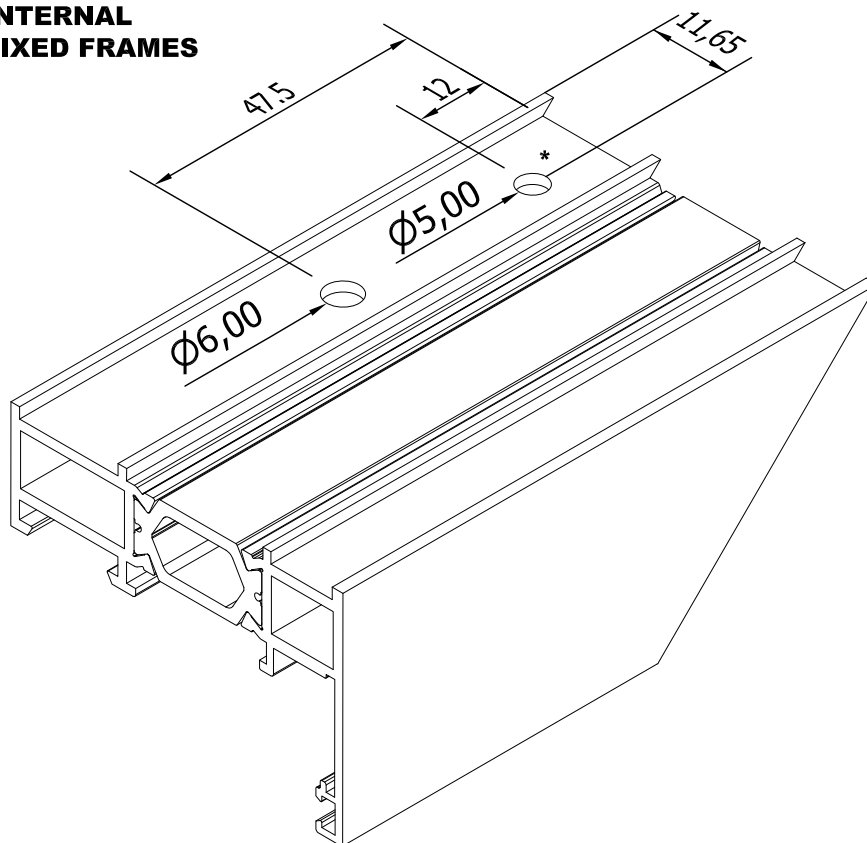


Lavorazioni - Tooling

LAVORAZIONE PER SQUADRETTA INTERNA A SPINARE/AVVITARE PER TELAI FISSI

* Foro opzionale per incollaggio

TOOLING FOR INSTALLING PINNING/SCREWING INTERNAL CORNER JOINT FOR FIXED FRAMES

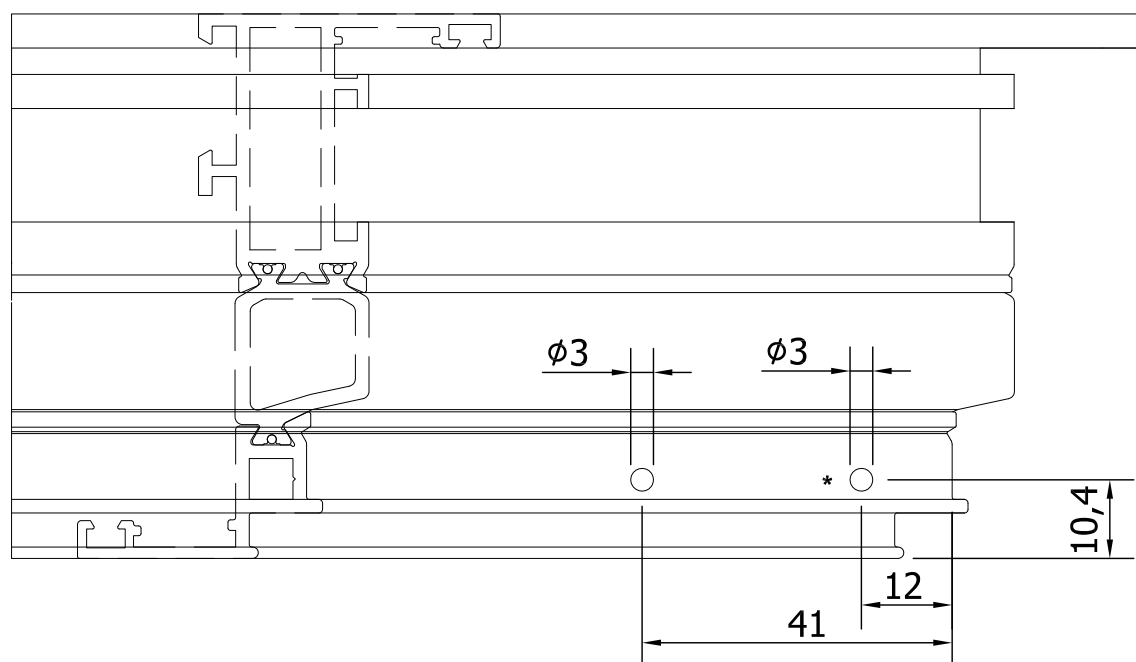
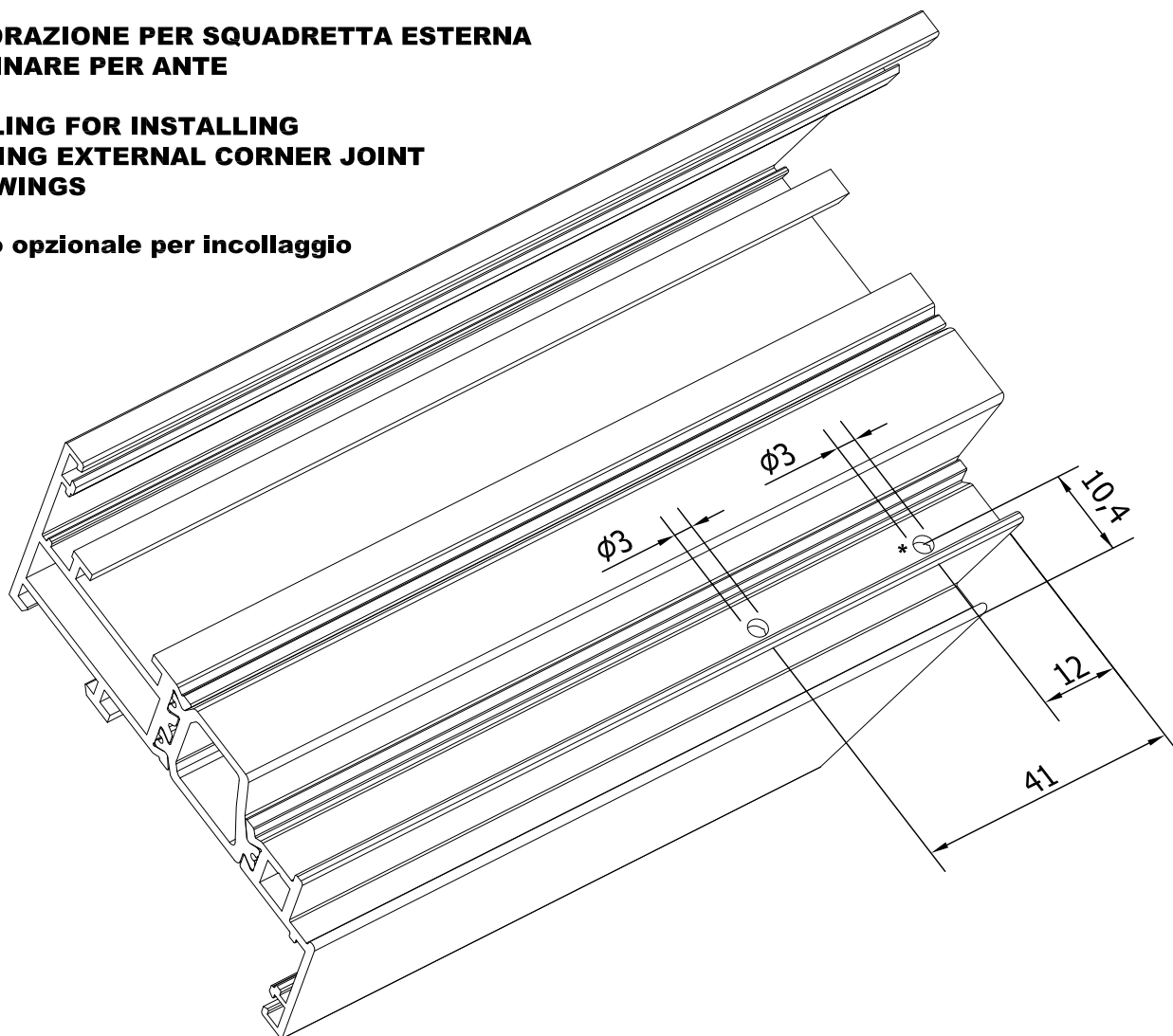


Lavorazioni - Tooling

LAVORAZIONE PER SQUADRETTA ESTERNA A SPINARE PER ANTE

TOOLING FOR INSTALLING PINNING EXTERNAL CORNER JOINT FOR WINGS

* Foro opzionale per incollaggio

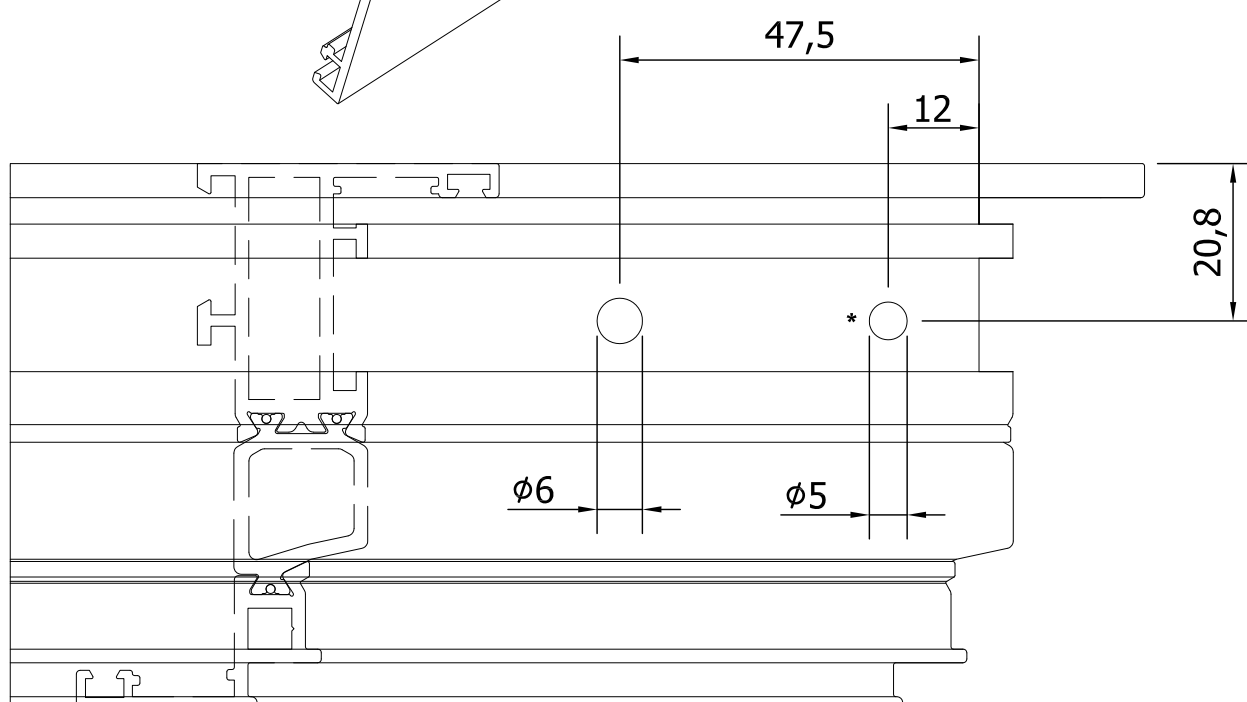
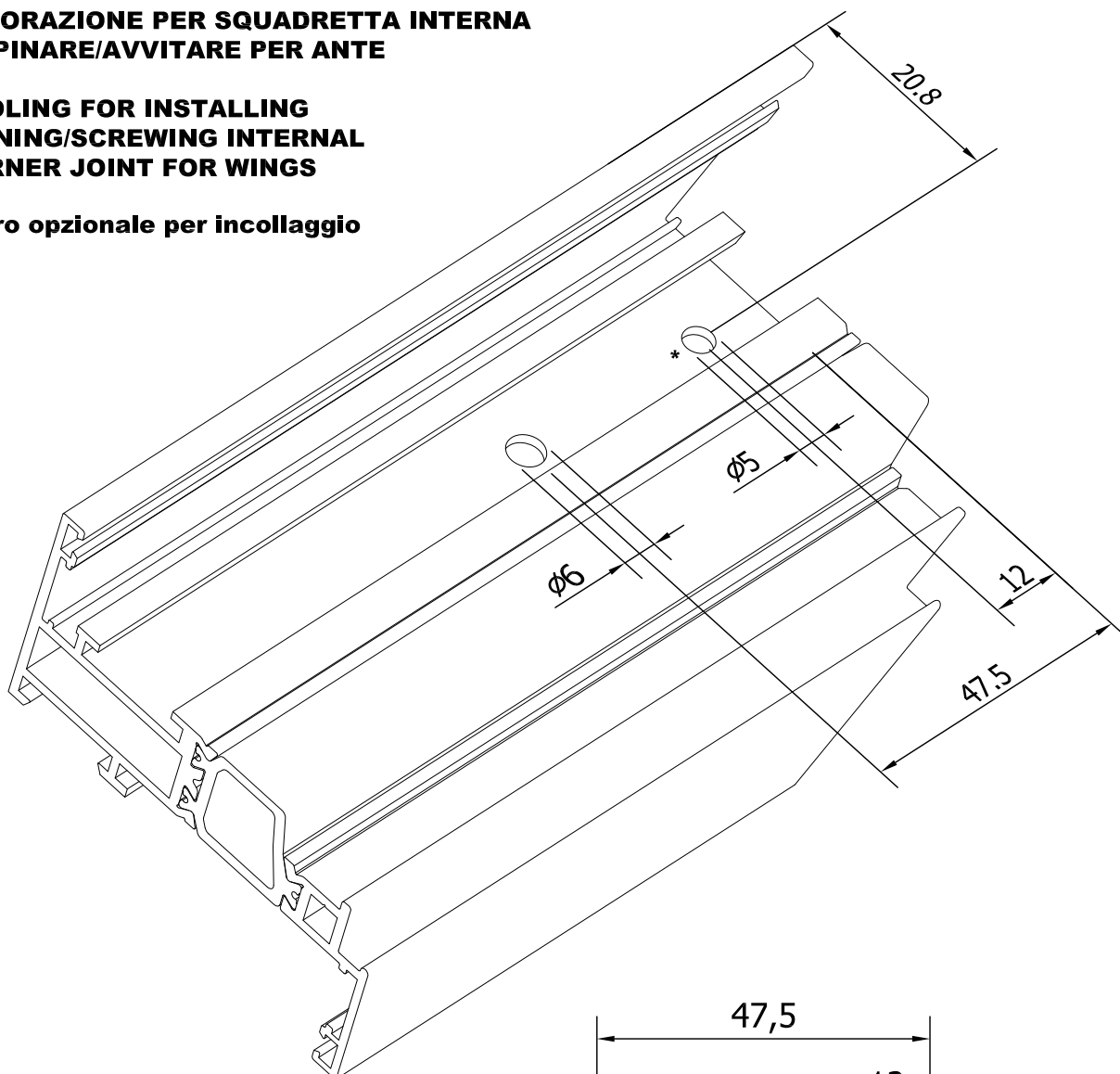


Lavorazioni - Tooling

LAVORAZIONE PER SQUADRETTA INTERNA A SPINARE/AVVITARE PER ANTE

TOOLING FOR INSTALLING PINNING/SCREWING INTERNAL CORNER JOINT FOR WINGS

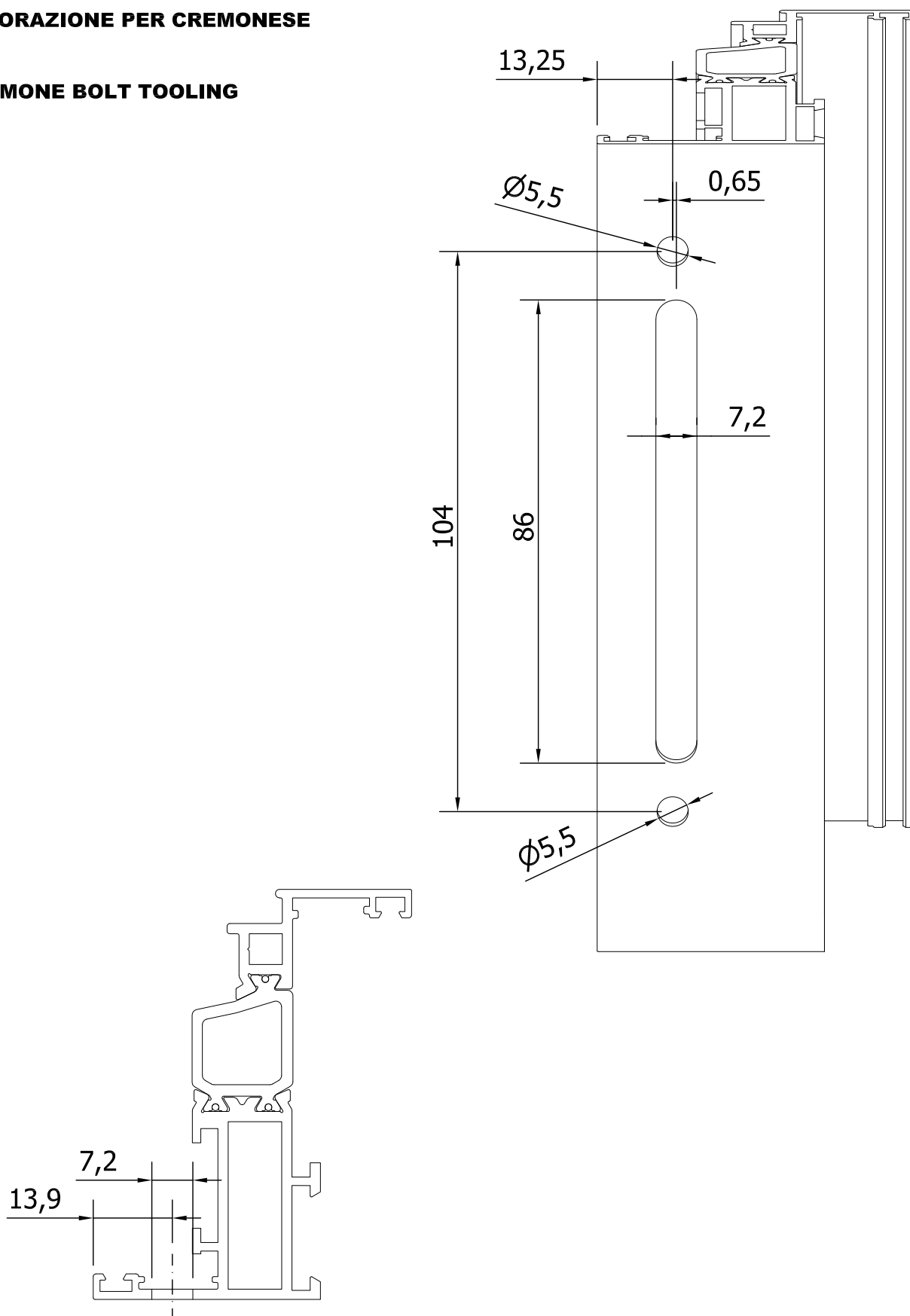
* Foro opzionale per incollaggio



Lavorazioni - Tooling

LAVORAZIONE PER CREMONESE

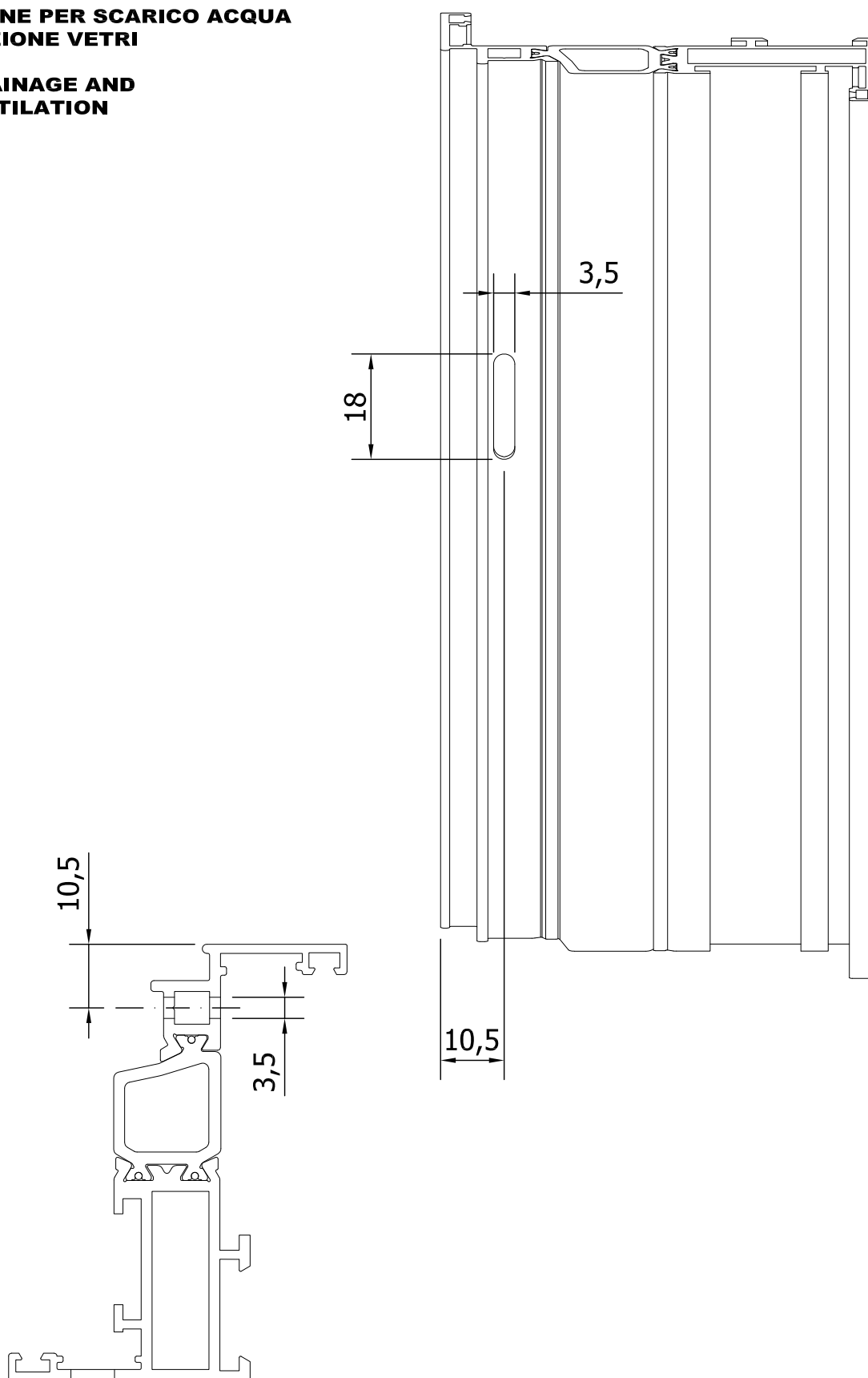
CREMONE BOLT TOOLING



Lavorazioni - Tooling

LAVORAZIONE PER SCARICO ACQUA E VENTILAZIONE VETRI

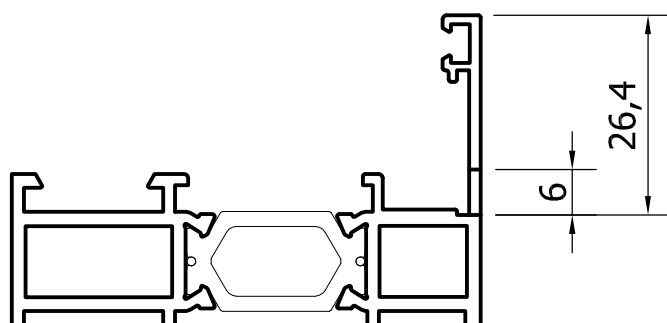
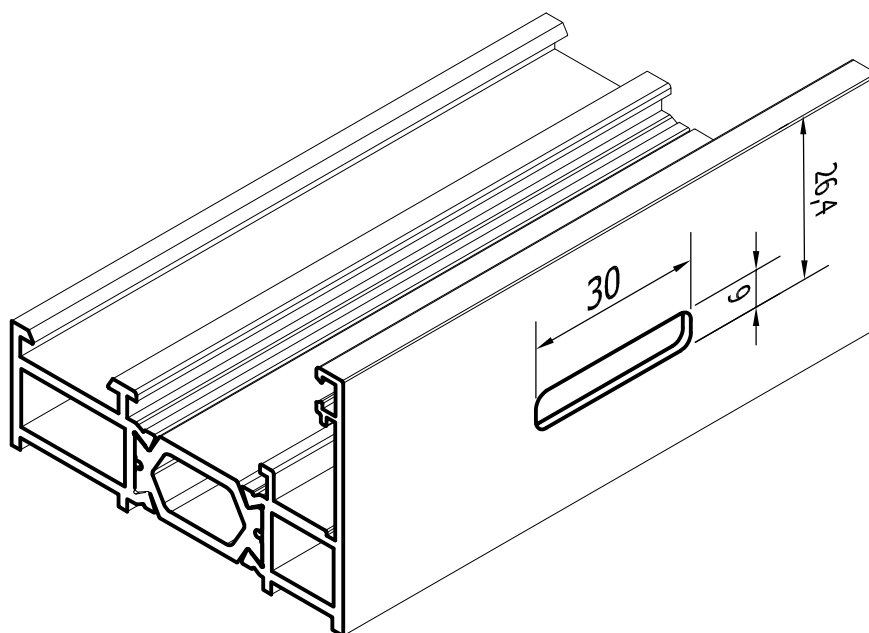
WATER DRAINAGE AND GLASS VENTILATION TOOLING



Lavorazioni - Tooling

LAVORAZIONE PER SCARICO ACQUA

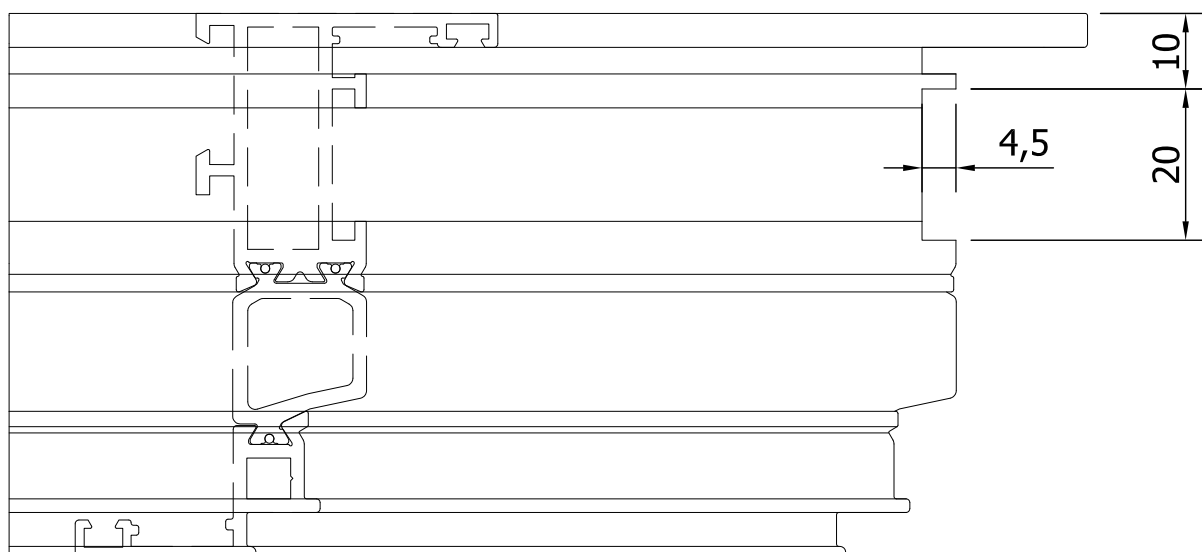
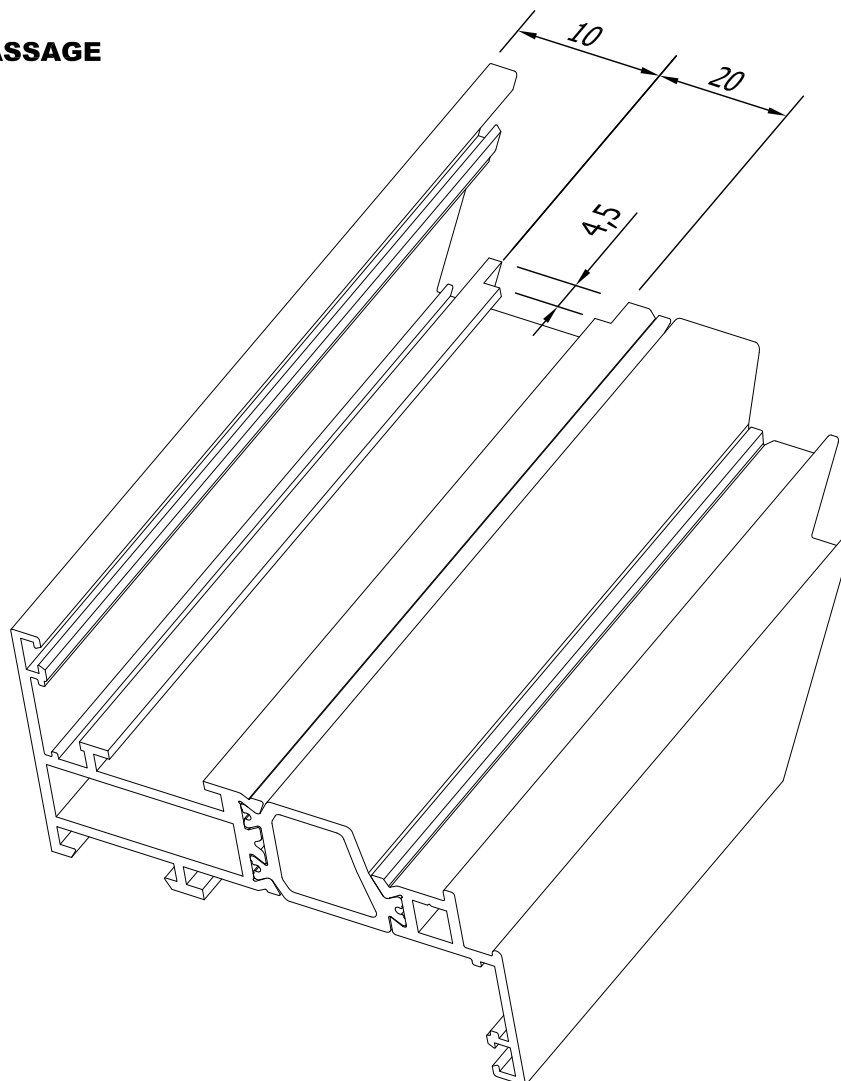
WATER DRAINAGE TOOLING



Lavorazioni - Tooling

LAVORAZIONE PER PASSAGGIO ASTA

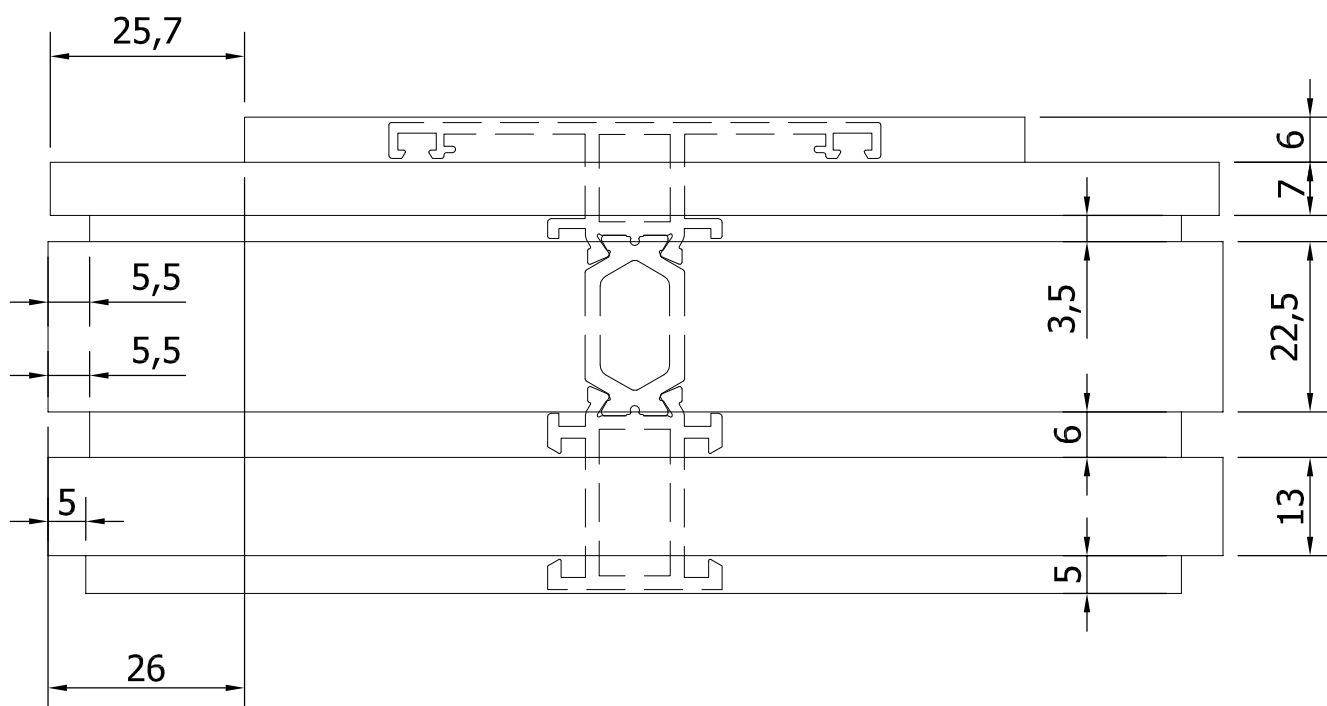
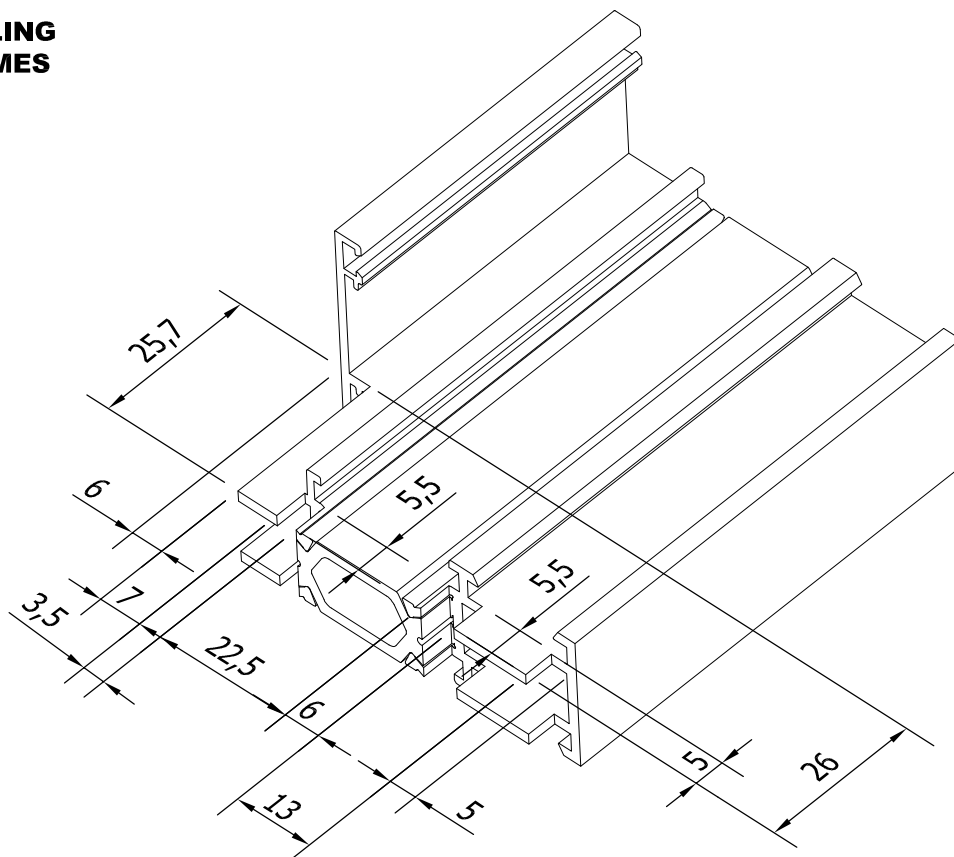
REMOVAL FOR ROD PASSAGE TOOLING



Lavorazioni - Tooling

**LAVORAZIONE TRAVERSI
PER TELAI FISSI**

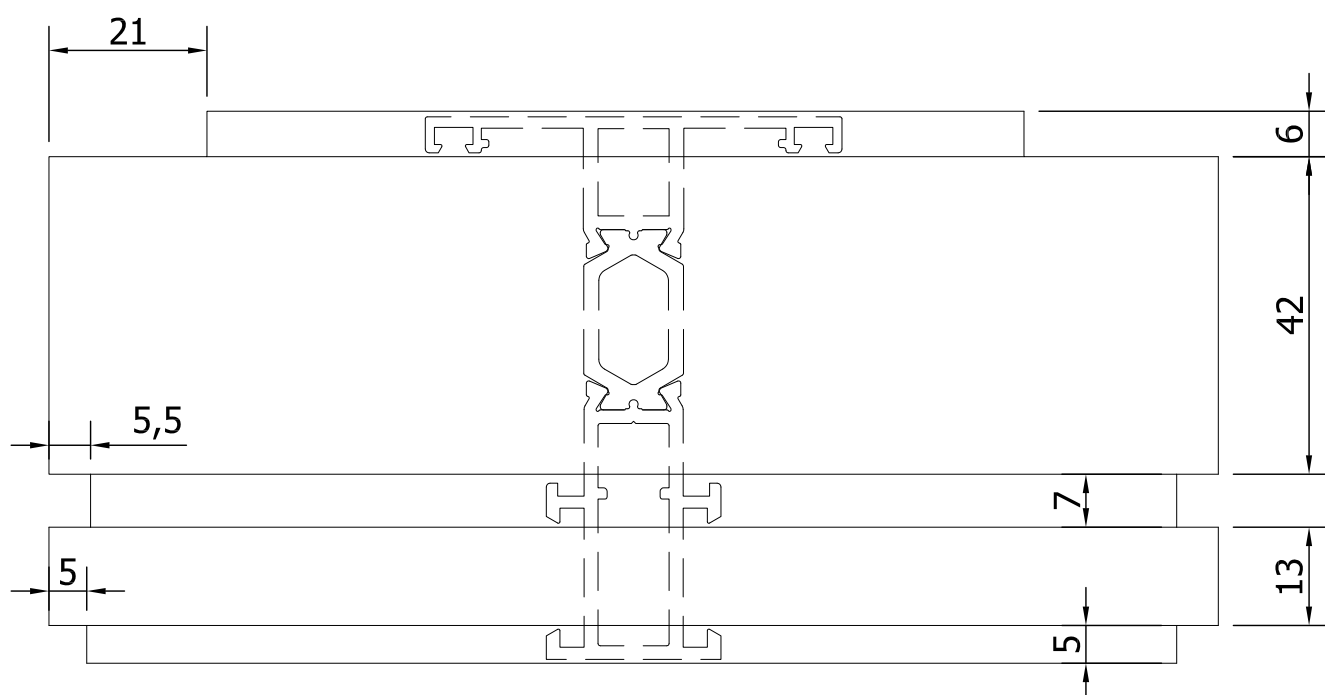
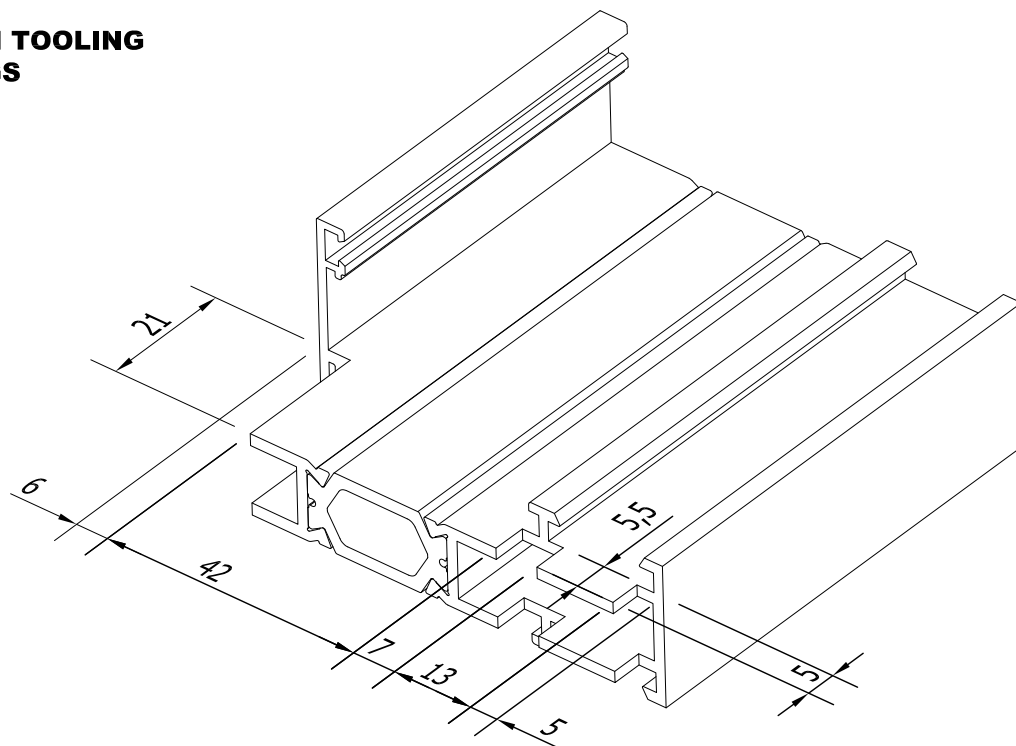
**TRANSOM TOOLING
FOR FIXED FRAMES**



Lavorazioni - Tooling

LAVORAZIONE TRAVERSI PER ANTE

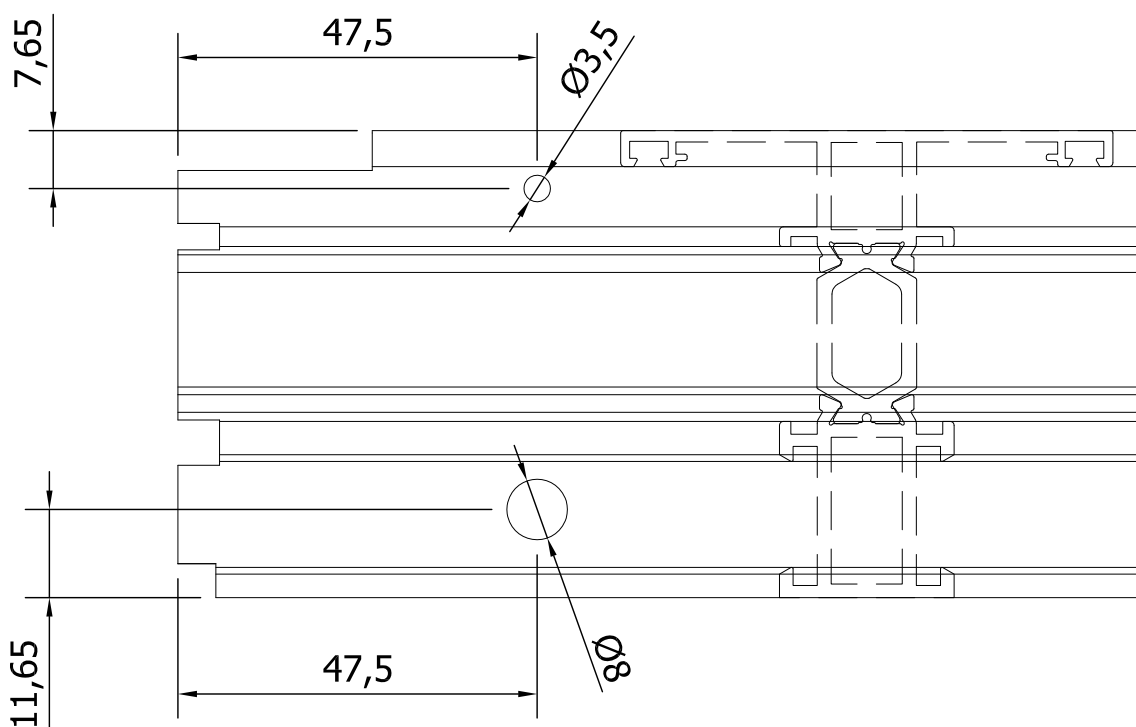
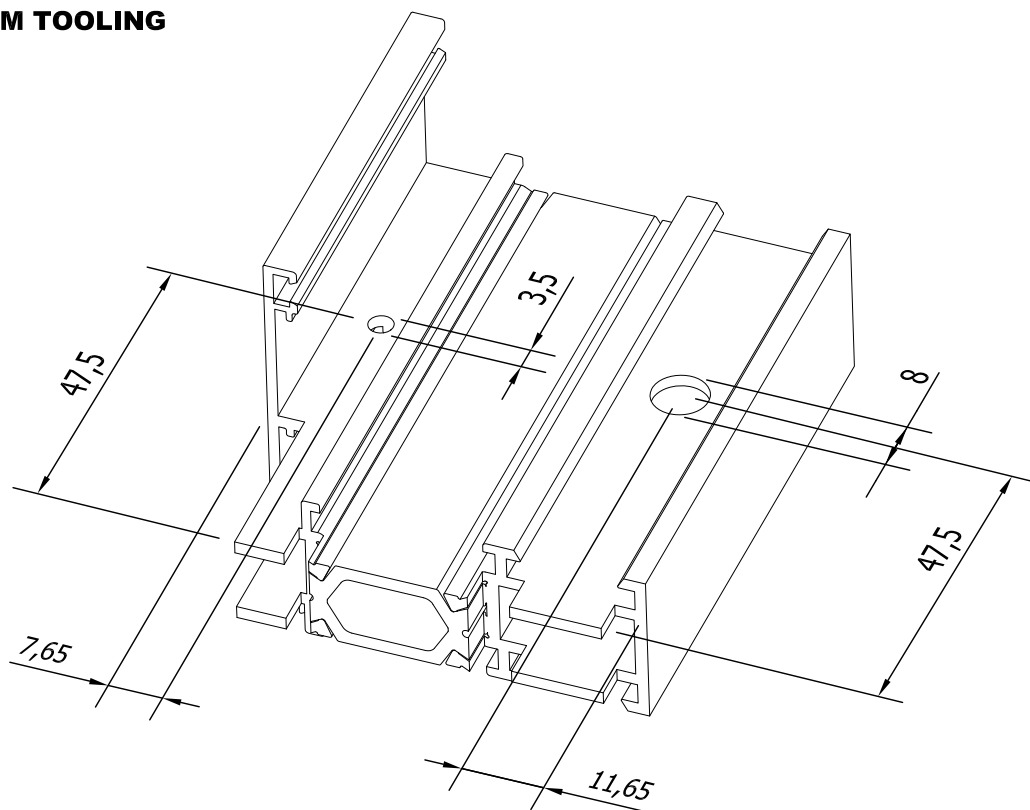
TRANSOM TOOLING FOR WINGS



Lavorazioni - Tooling

LAVORAZIONE TRAVERSI TELAIO PER CAVALLOTTI

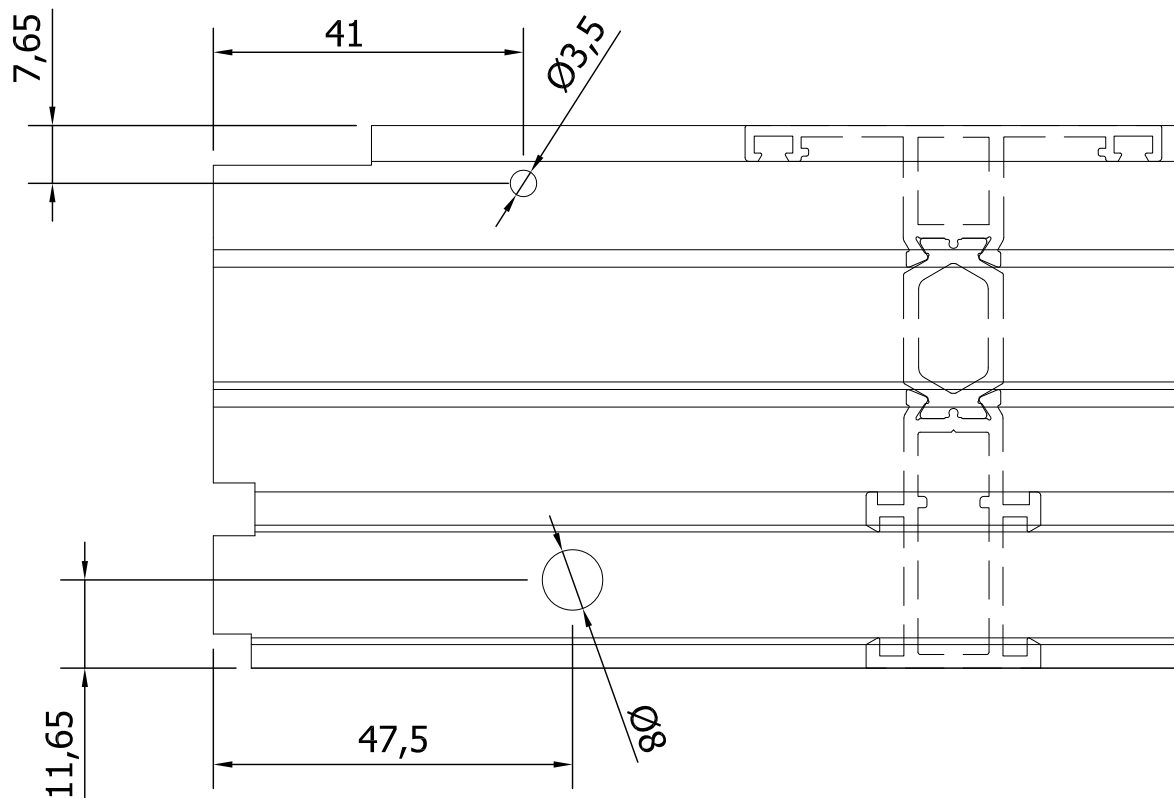
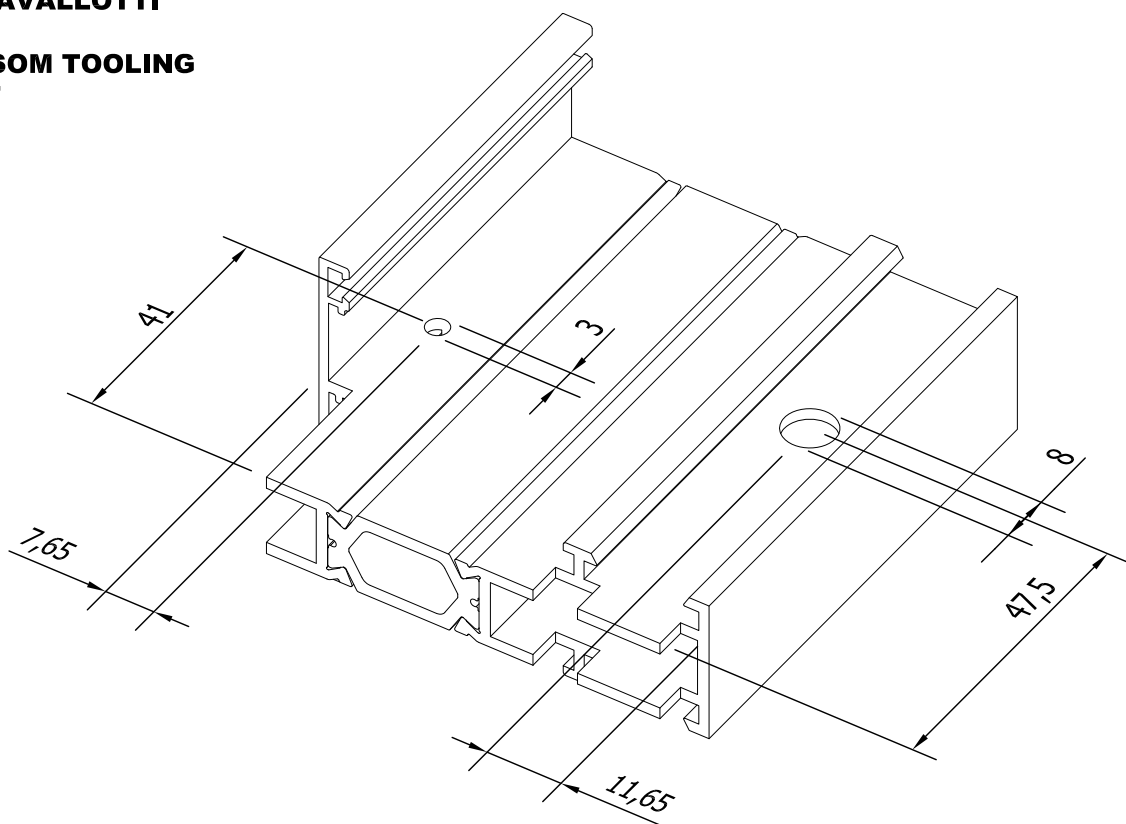
FRAME TRANSOM TOOLING FOR T-JOINT



Lavorazioni - Tooling

LAVORAZIONE TRAVERSI ANTA PER CAVALLOTTI

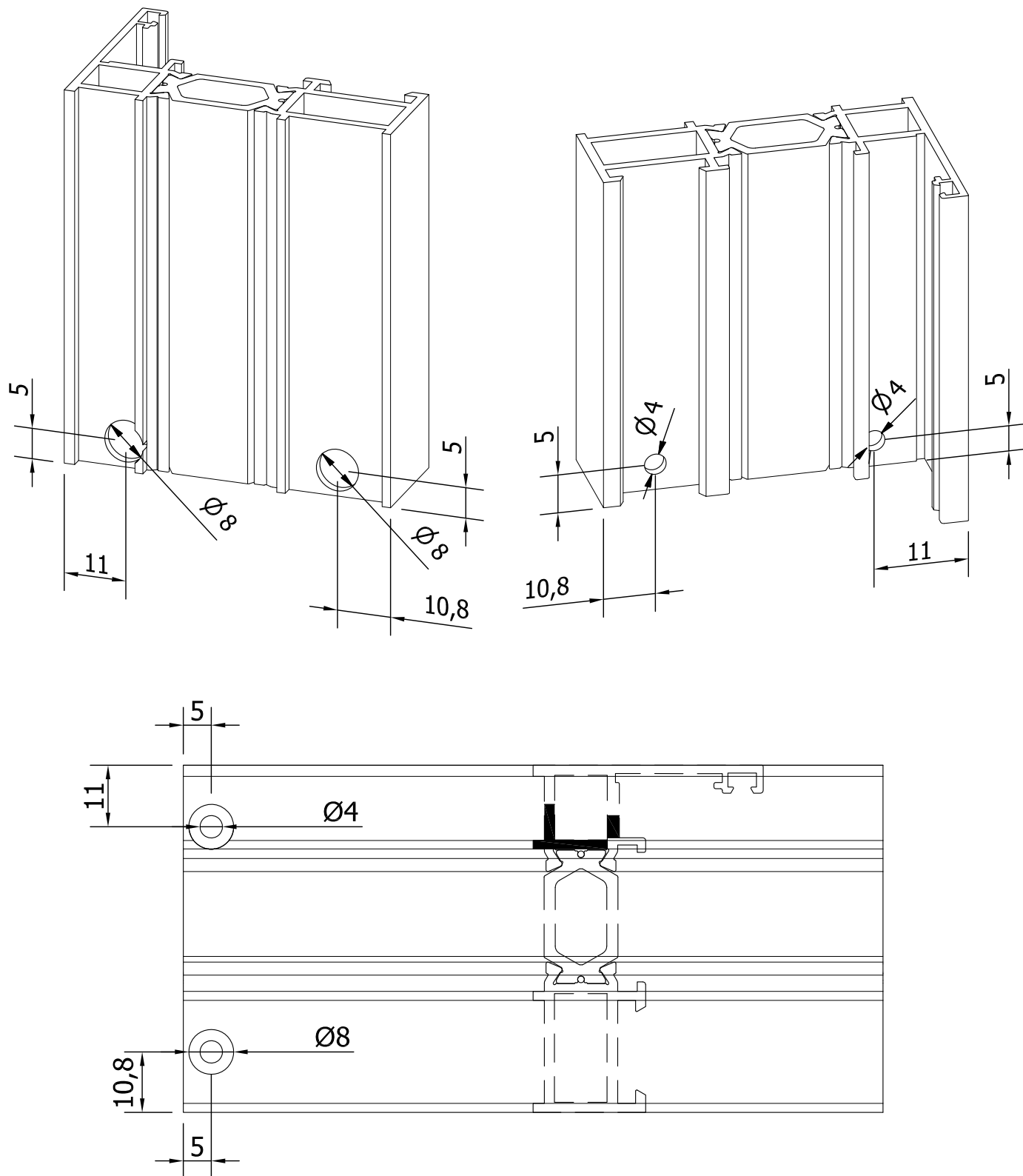
WING TRANSOM TOOLING FOR T-JOINT



Lavorazioni - Tooling

LAVORAZIONE PER FISSAGGIO SOGLIA RIDOTTA

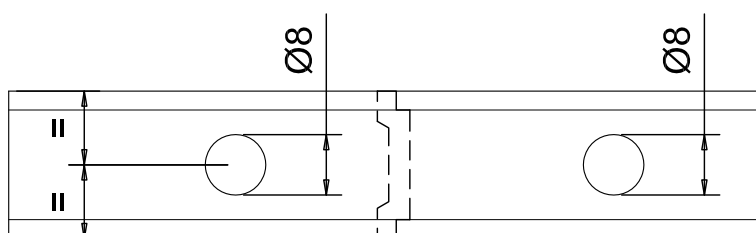
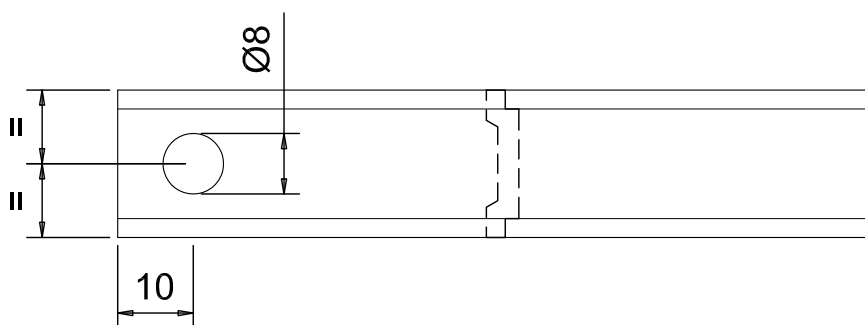
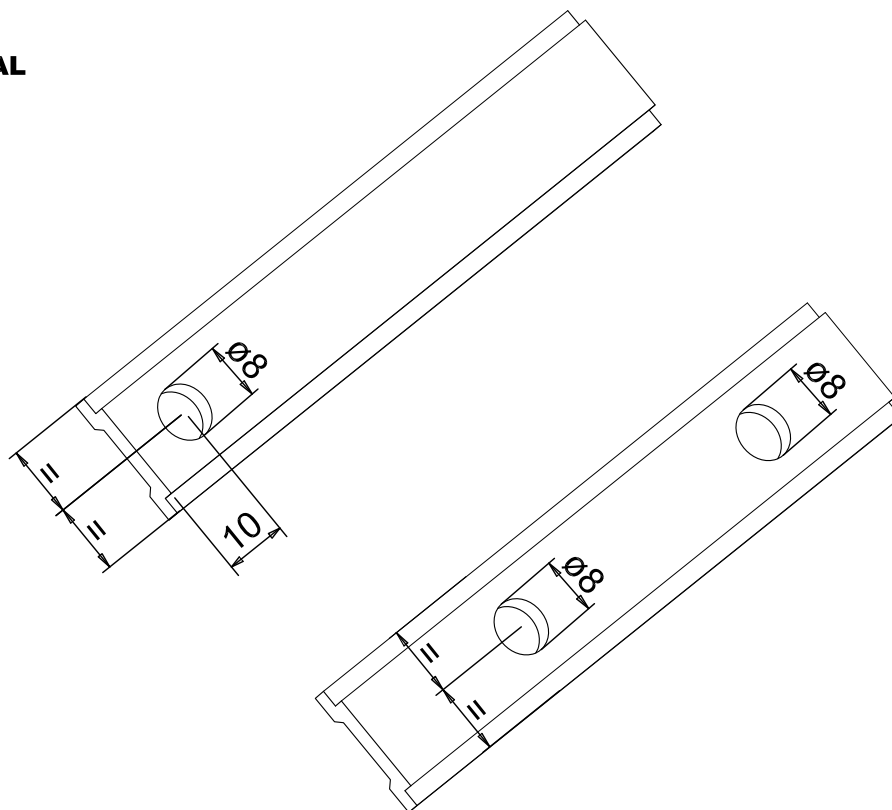
TOOLING FOR SMALL THRESHOLD FIXING



Lavorazioni - Tooling

LAVORAZIONE FORO DI TESTA E CENTRALE ASTINA

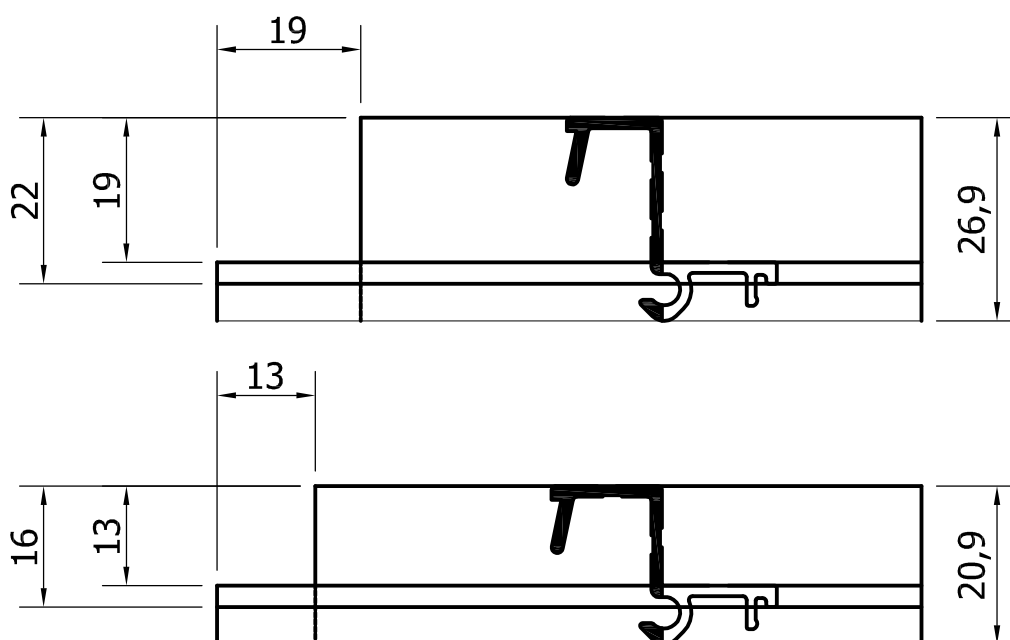
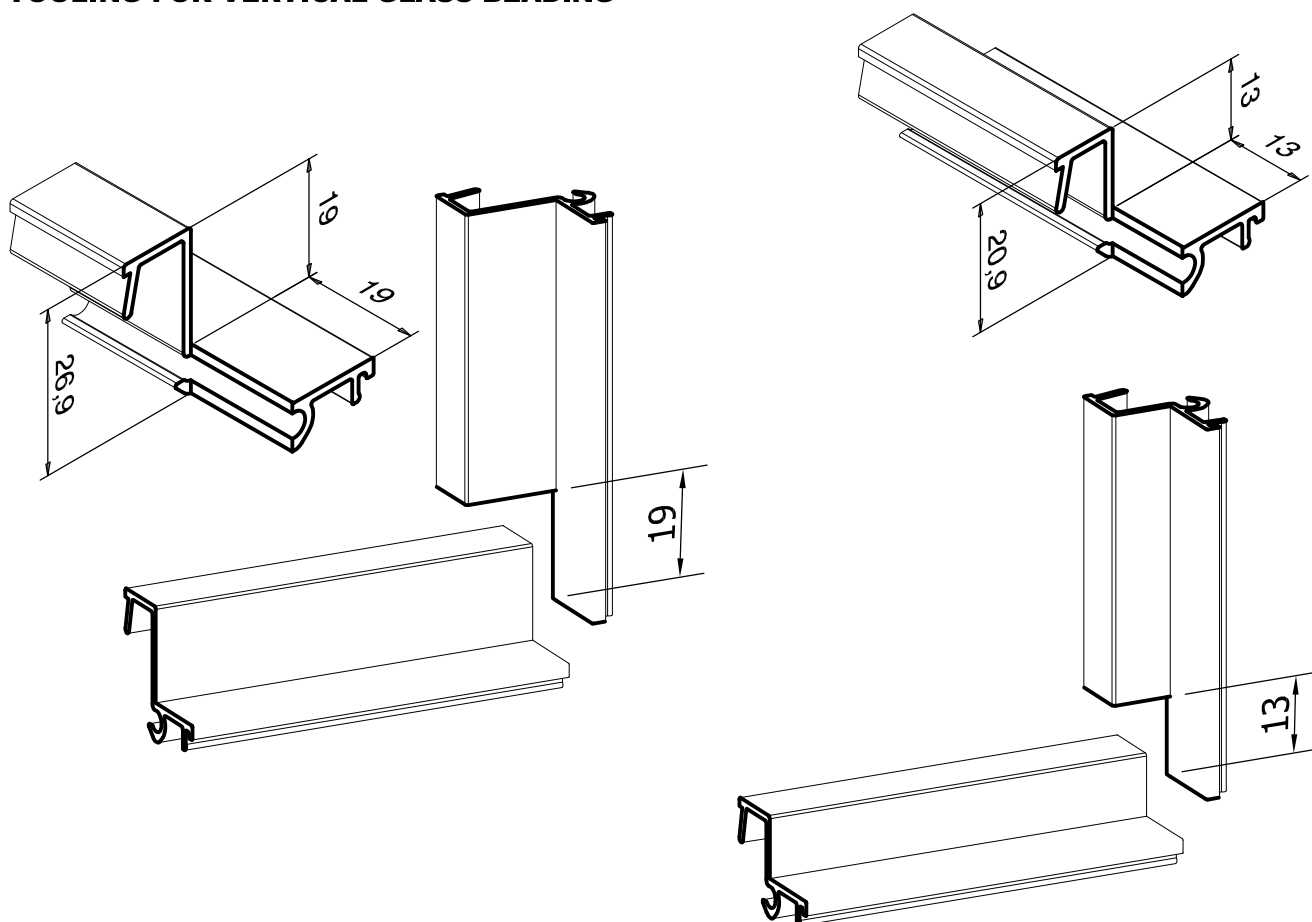
TOOLING FOR TOP AND CENTRAL HOLE OF ROD



Lavorazioni - Tooling

LAVORAZIONE FERMAVETRI VERTICALI

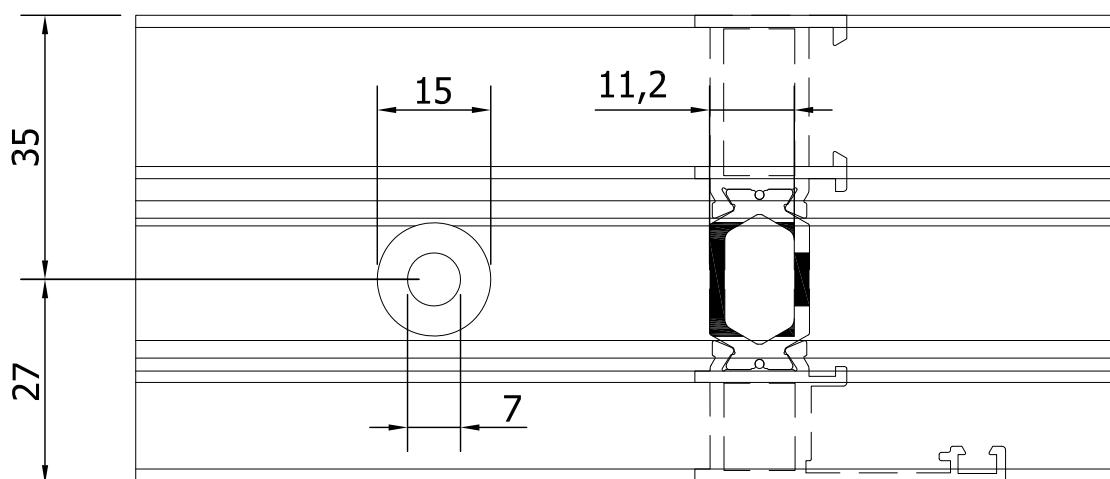
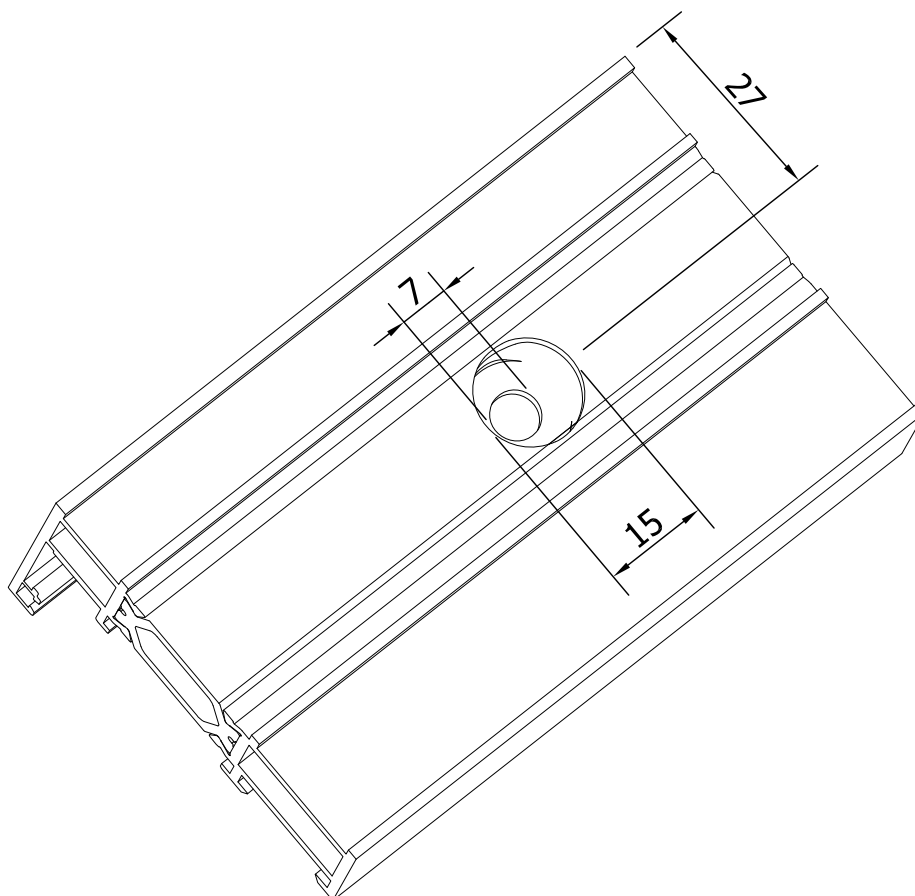
TOOLING FOR VERTICAL GLASS BEADING



Lavorazioni - Tooling

LAVORAZIONE PER COMPENSATORE DI FISSAGGIO

TOOLING FOR FIXING TAB



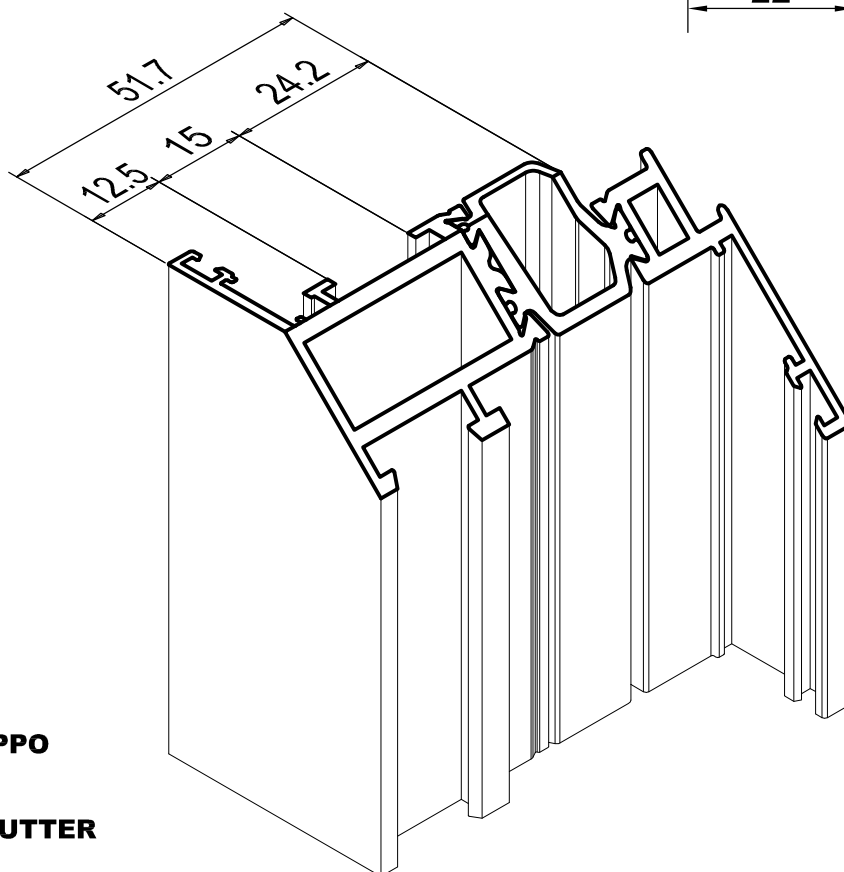
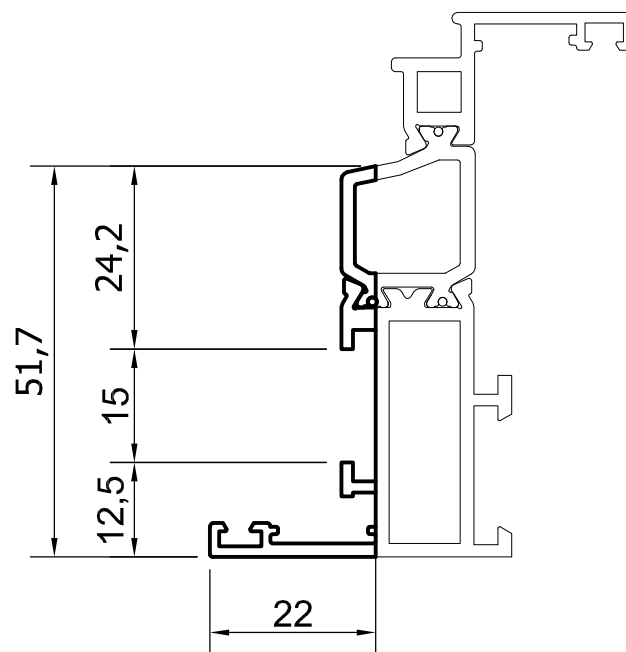
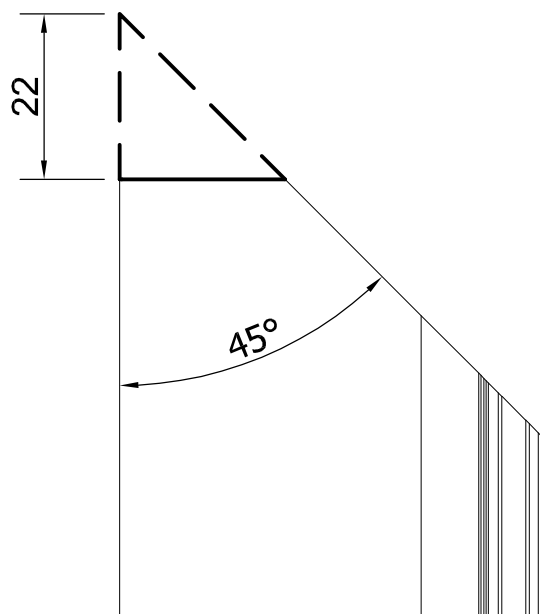
**UTILIZZARE PUNTA A DUE DIAMETRI
PER COMPENSATORE DI FISSAGGIO
ART. 172-A001**

**USE TWO DIAMETERS BIR
FOR FIXING TAB
ITEM 172-A001**

Lavorazioni - Tooling

LAVORAZIONE ANTA "Z" PER ACCOPPIAMENTO ANTA "T"

TOOLING "Z" WING FOR COUPLING "T" WING



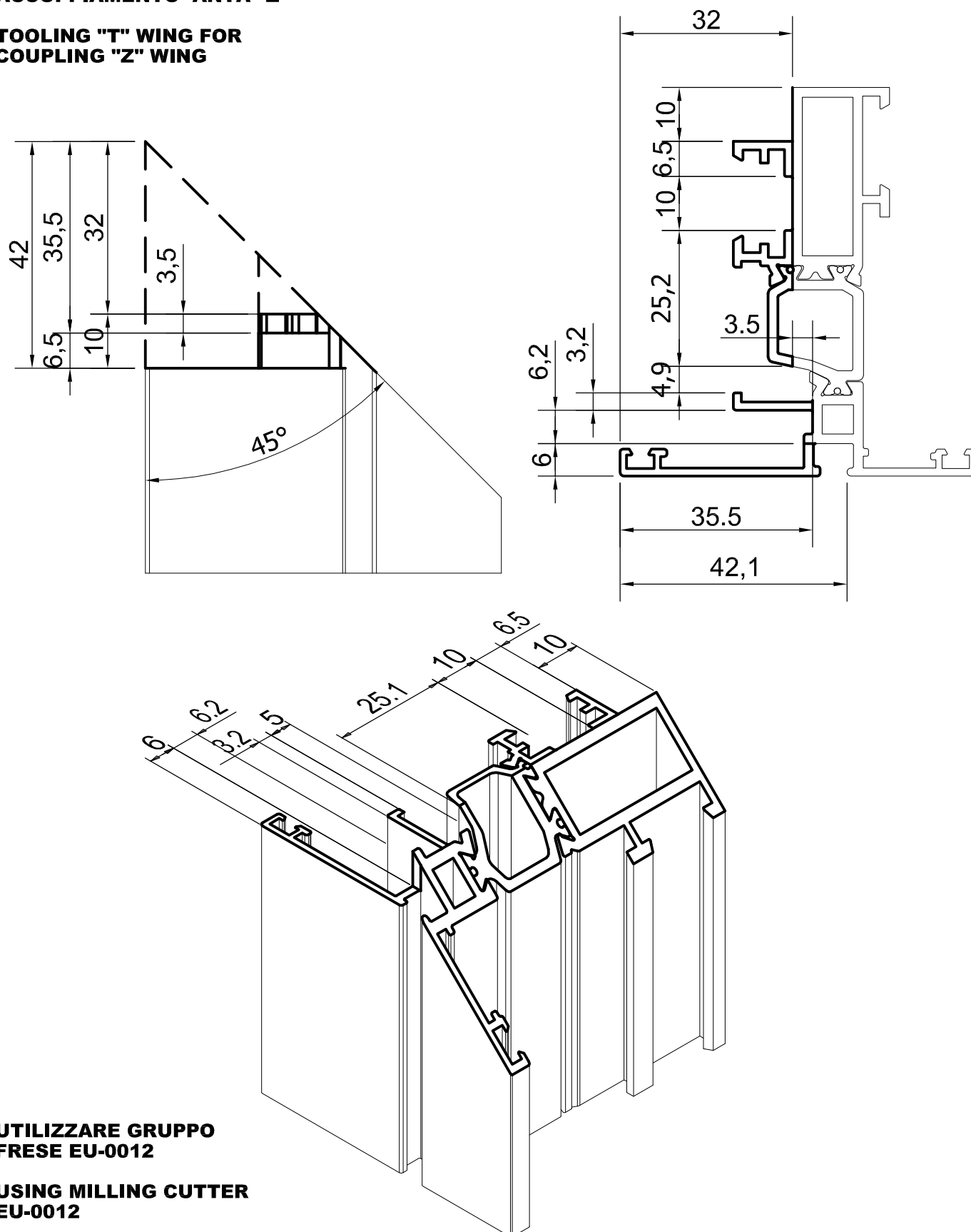
**UTILIZZARE GRUPPO
FRESE EU-0012**

**USING MILLING CUTTER
EU-0012**

Lavorazioni - Tooling

**LAVORAZIONE ANTA "T" PER
ACCOPPIAMENTO ANTA "Z"**

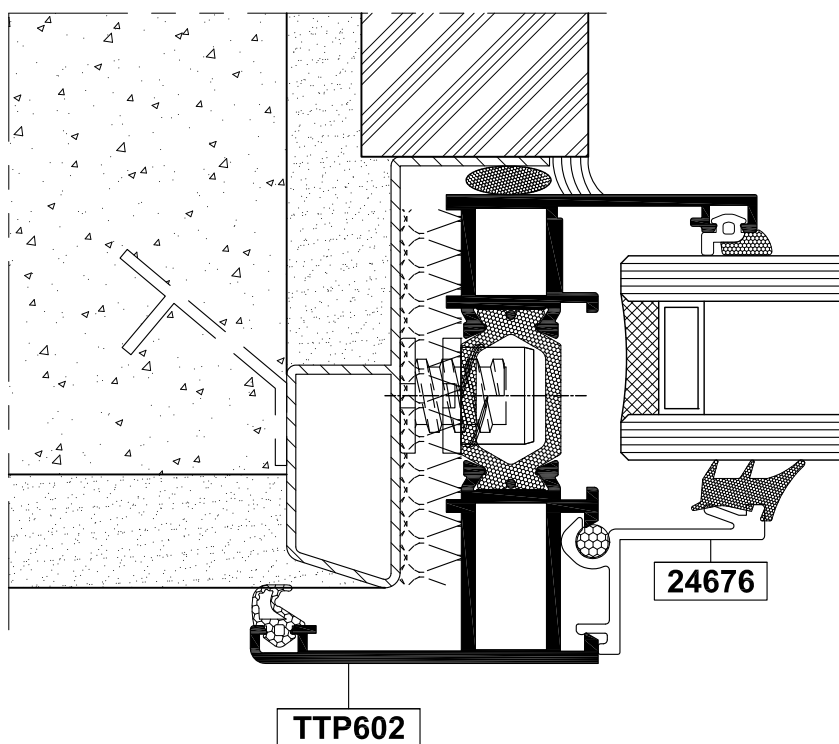
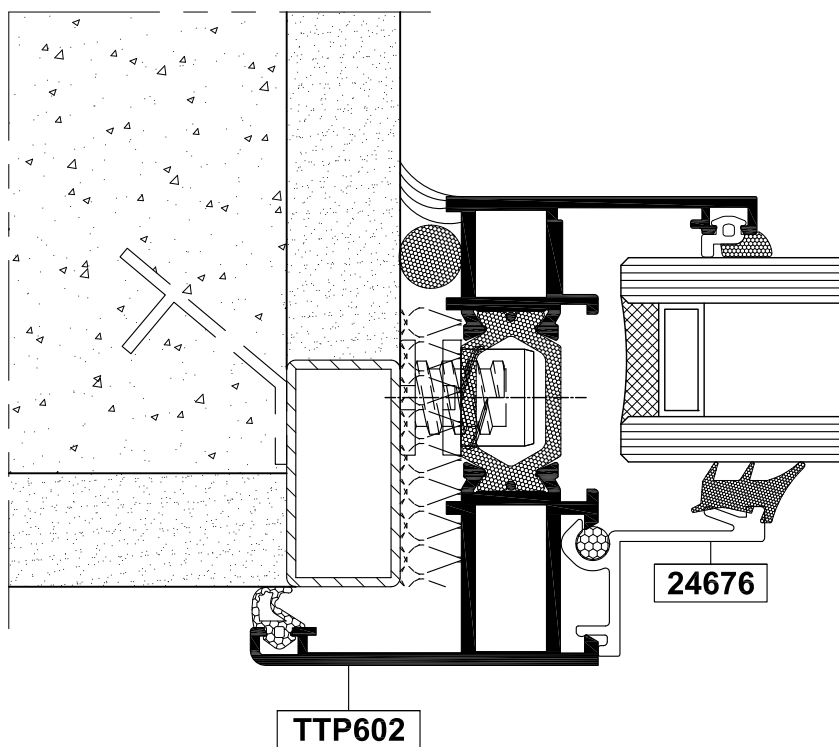
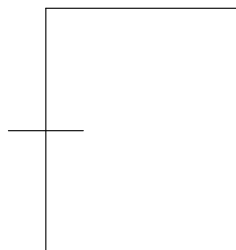
**TOOLING "T" WING FOR
COUPLING "Z" WING**



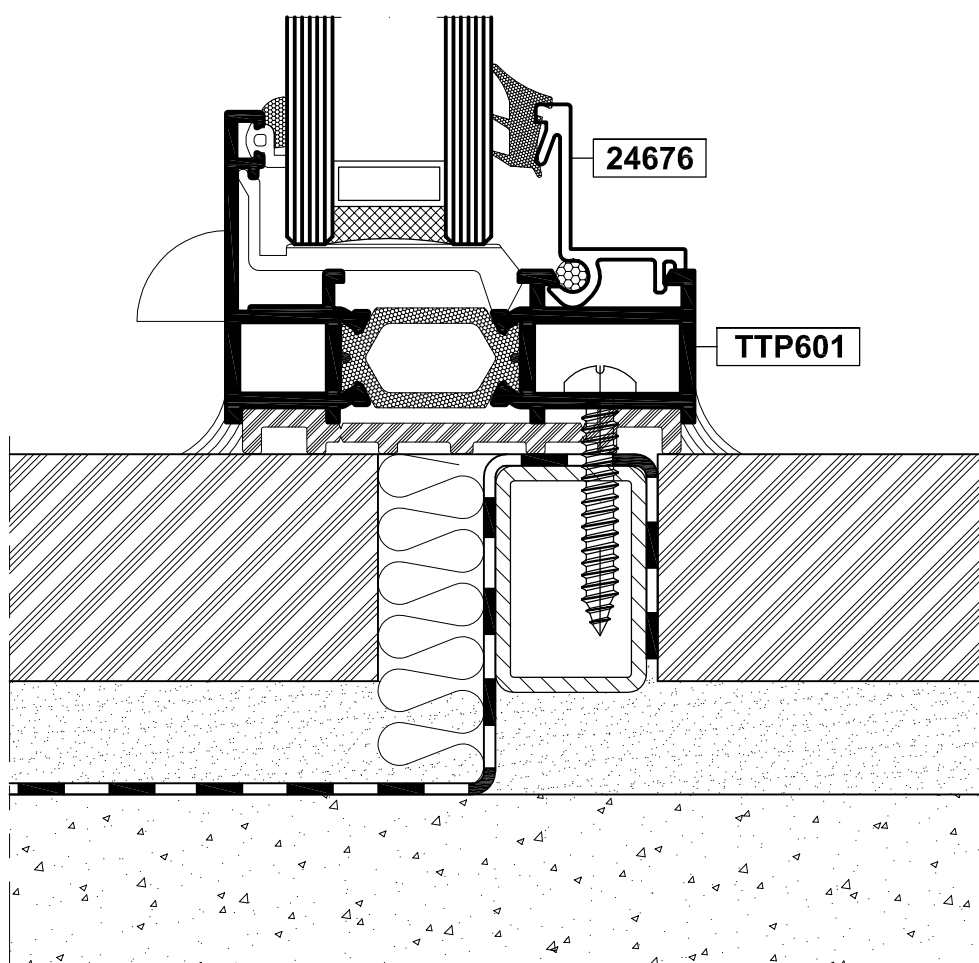
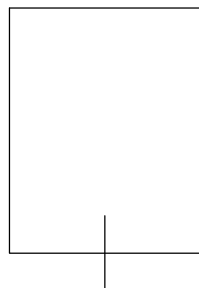
**UTILIZZARE GRUPPO
FRESE EU-0012**

**USING MILLING CUTTER
EU-0012**

Collegamenti alla muratura - *Links to the wall*



Collegamenti alla muratura - *Links to the wall*



MANUALE TECNICO EKU PERFEKTION CLASSIC

EDIZIONE 03/2015



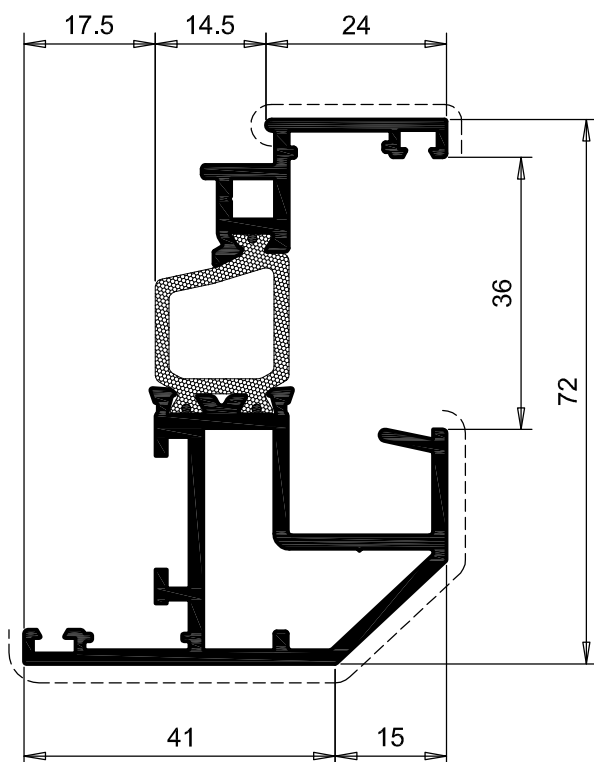
TECHNICAL MANUAL EKU PERFEKTION CLASSIC

EDITION 03/2015

[illegible]

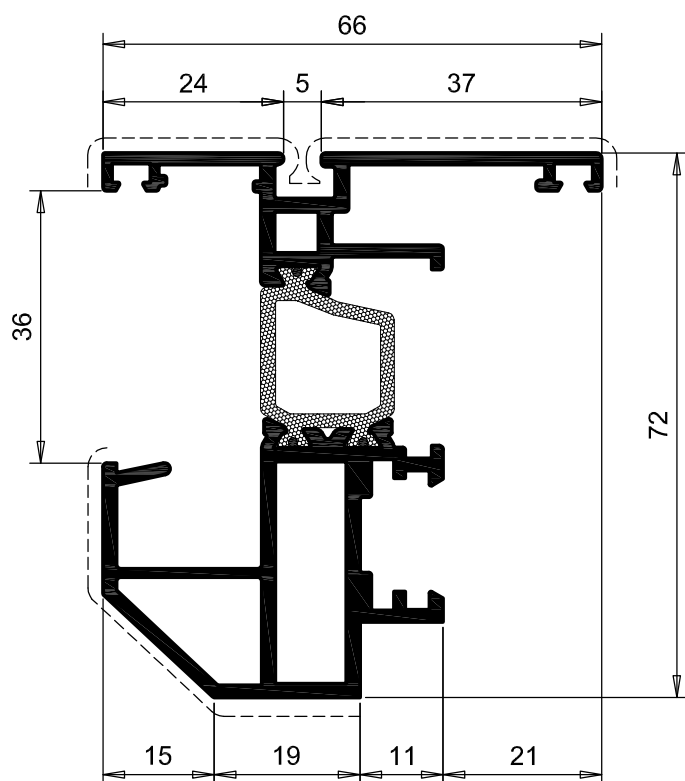
[illegible]

Profili 1:1 - Profiles 1:1



TTP611	ANTA VETRO INFILARE GLASS INSERT WING						
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
	Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.488	403	115	27.99	6.50	8.25	3.48	

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.		EXT.	
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0116	EA-0116 + EA-0117	EA-0116 + EA-0118	EA-0113*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0148	-	-

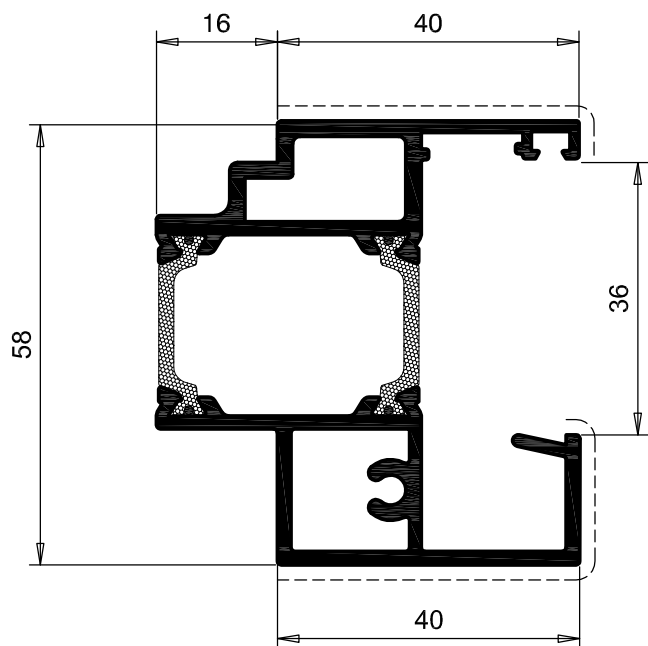


TTP614	T ANTA VETRO INFILARE GLASS INSERT T-WING						
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
	Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
	1.725	489	150	37.40	9.78	12.60	3.24

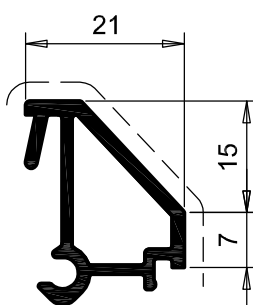
ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.		EXT.	
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0116	EA-0116 + EA-0117	EA-0116 + EA-0118	EA-0113*
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0148	-	-

Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1

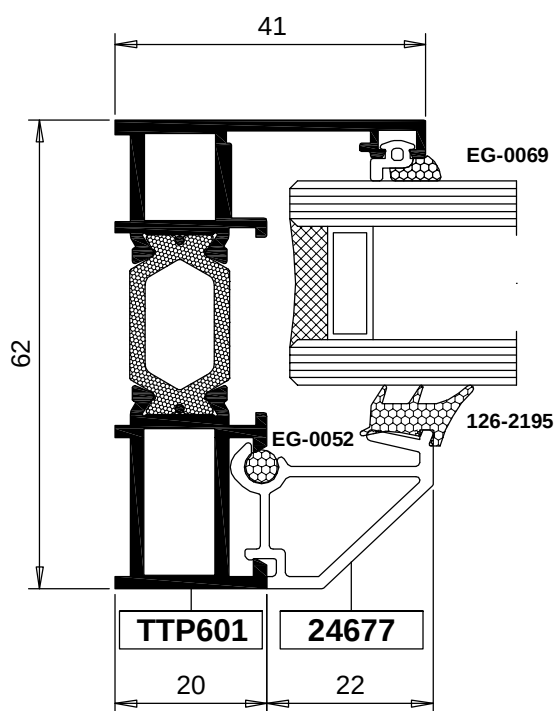
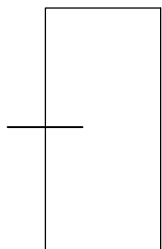


TTP622 ZOCCOLO RIPORTATO VETRO INFILARE GLASS INSERT LOWER ADDITIONAL TRANSOM			Y X — X Y			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	W _x	J _y	W _y
Kg/m	mm	mm	cm ⁴	cm ³	cm ⁴	cm ³
1.556	335	105	22.38	7.55	11.73	4.14

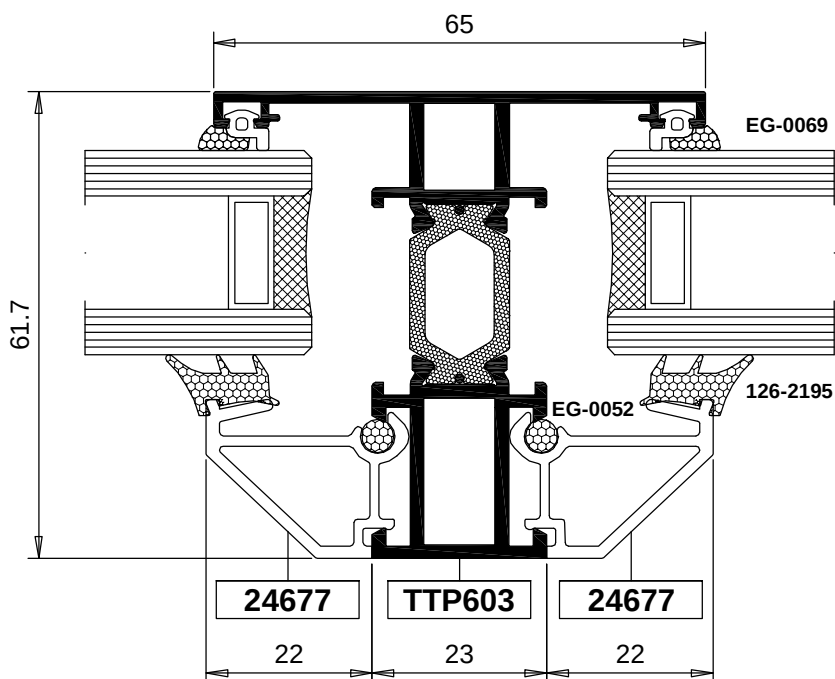
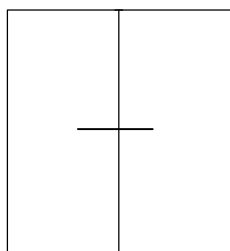


24677 FERMAVETRO DA 21 mm GLASS BEADING 21 mm		
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.344	115	35

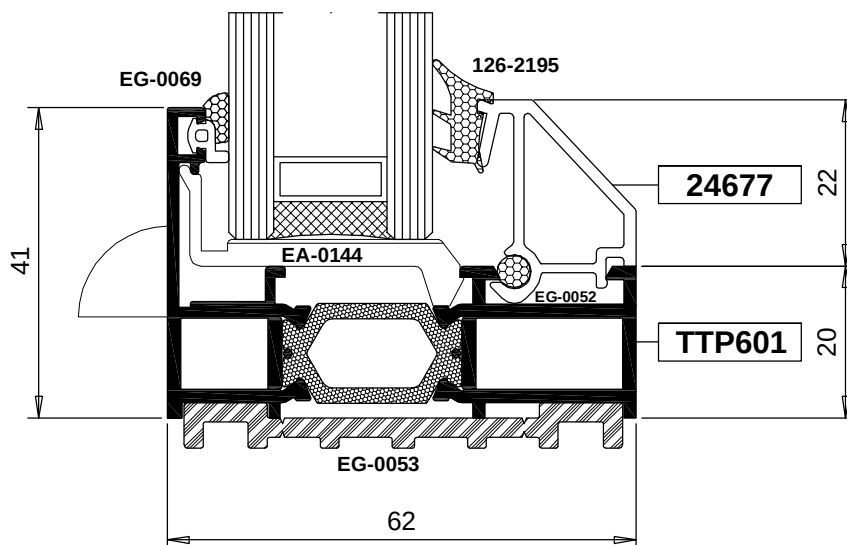
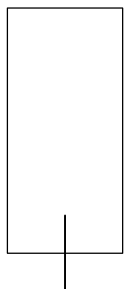
Sezioni 1:1 - Cross sections 1:1



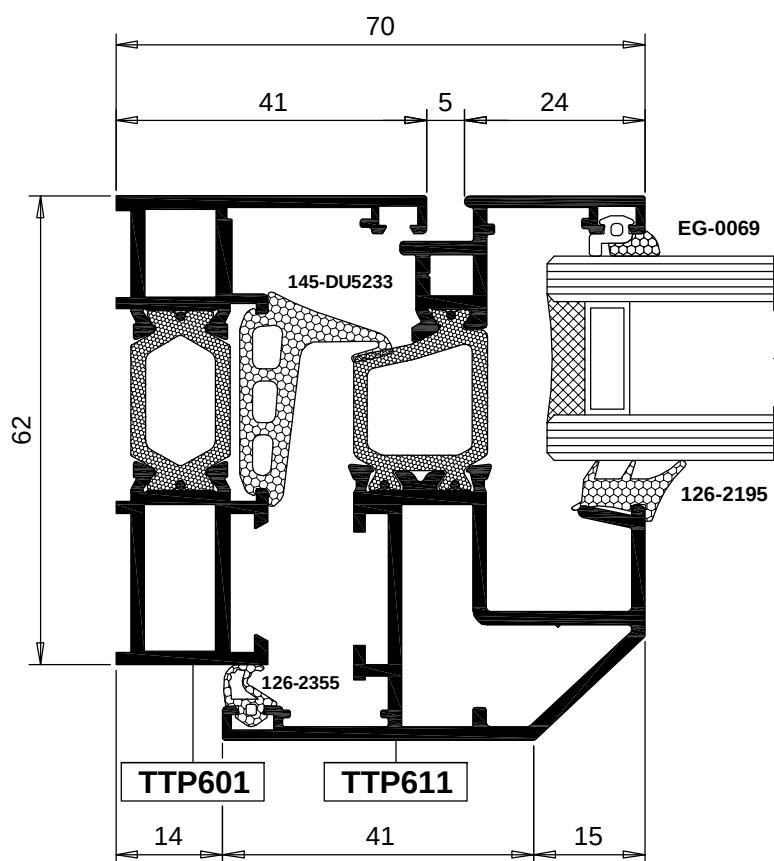
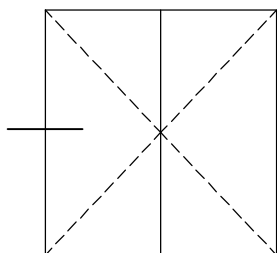
Sezioni 1:1 - Cross sections 1:1



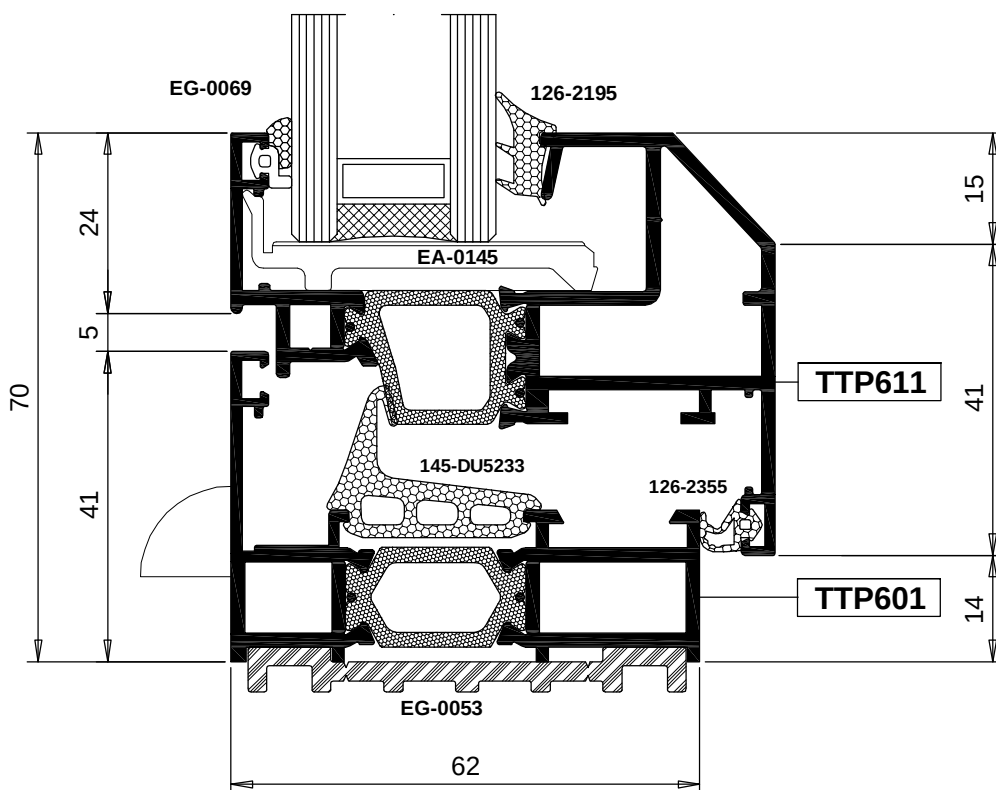
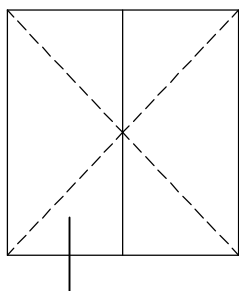
Sezioni 1:1 - Cross sections 1:1



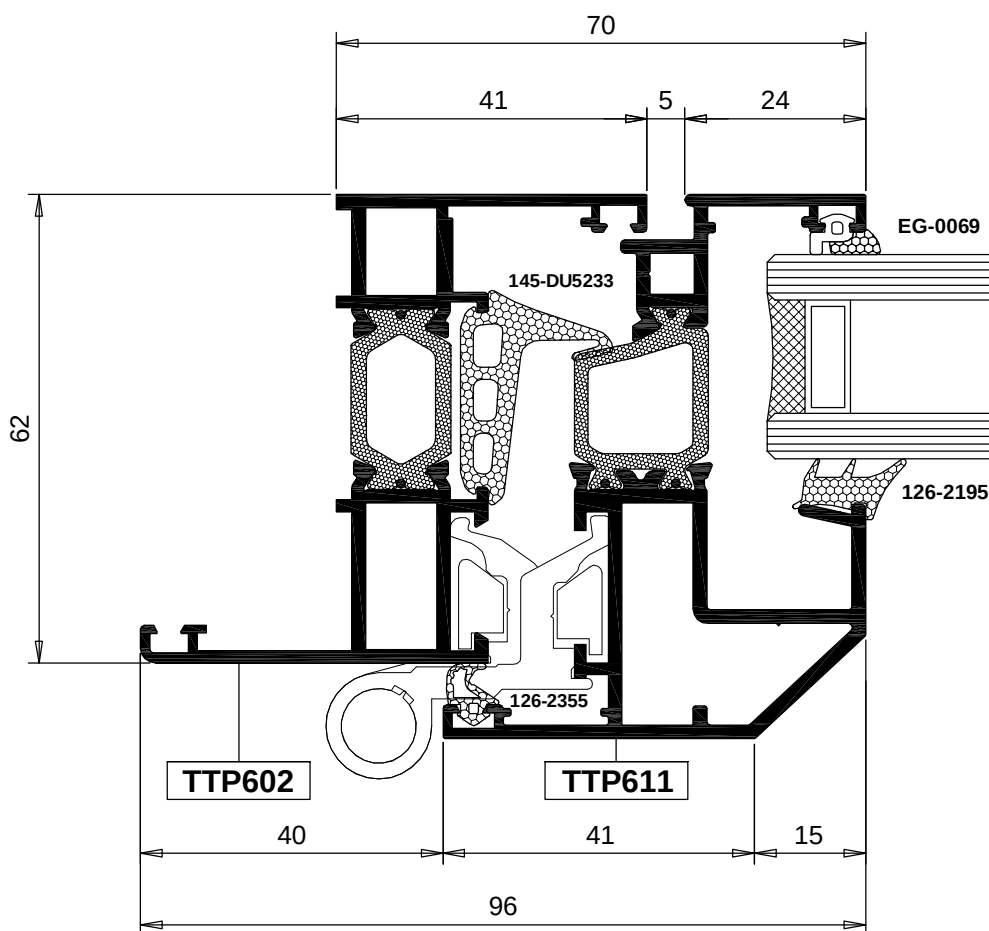
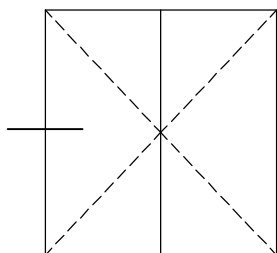
Sezioni 1:1 - Cross sections 1:1



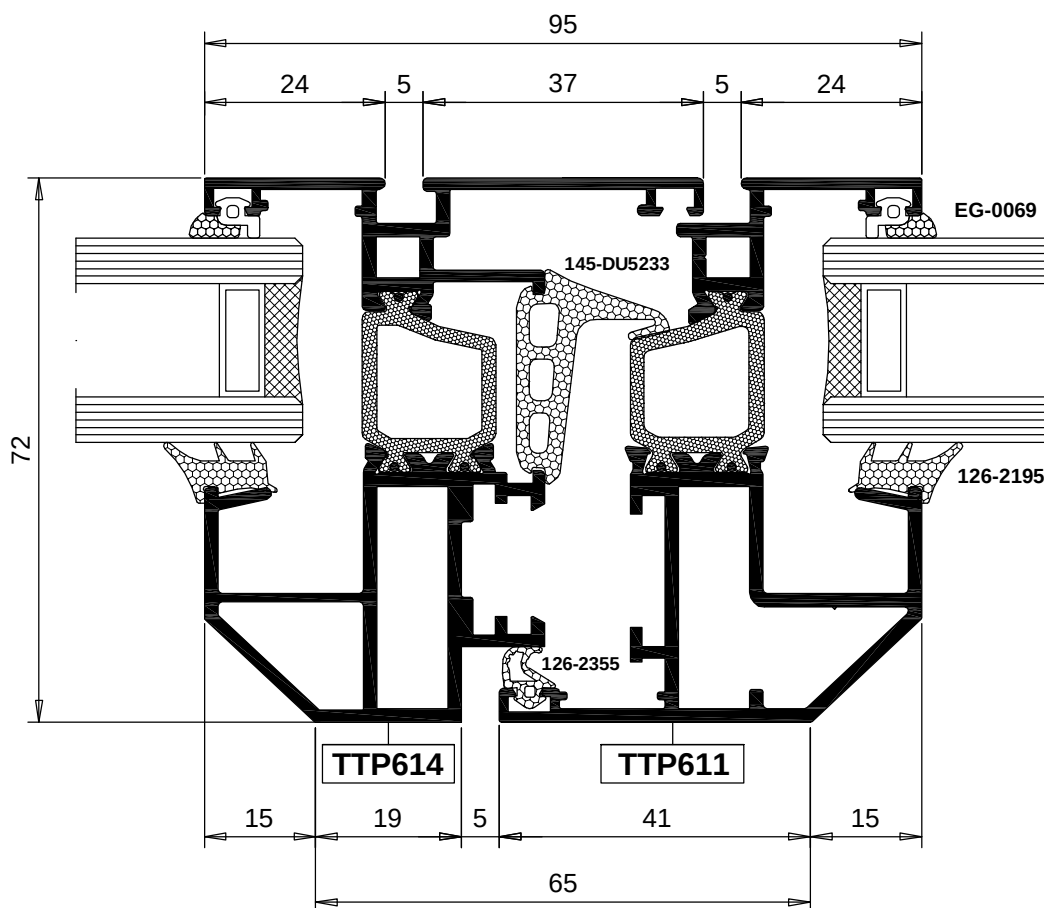
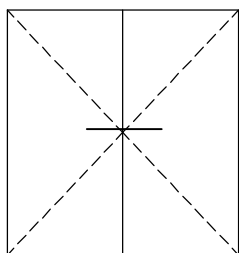
Sezioni 1:1 - Cross sections 1:1



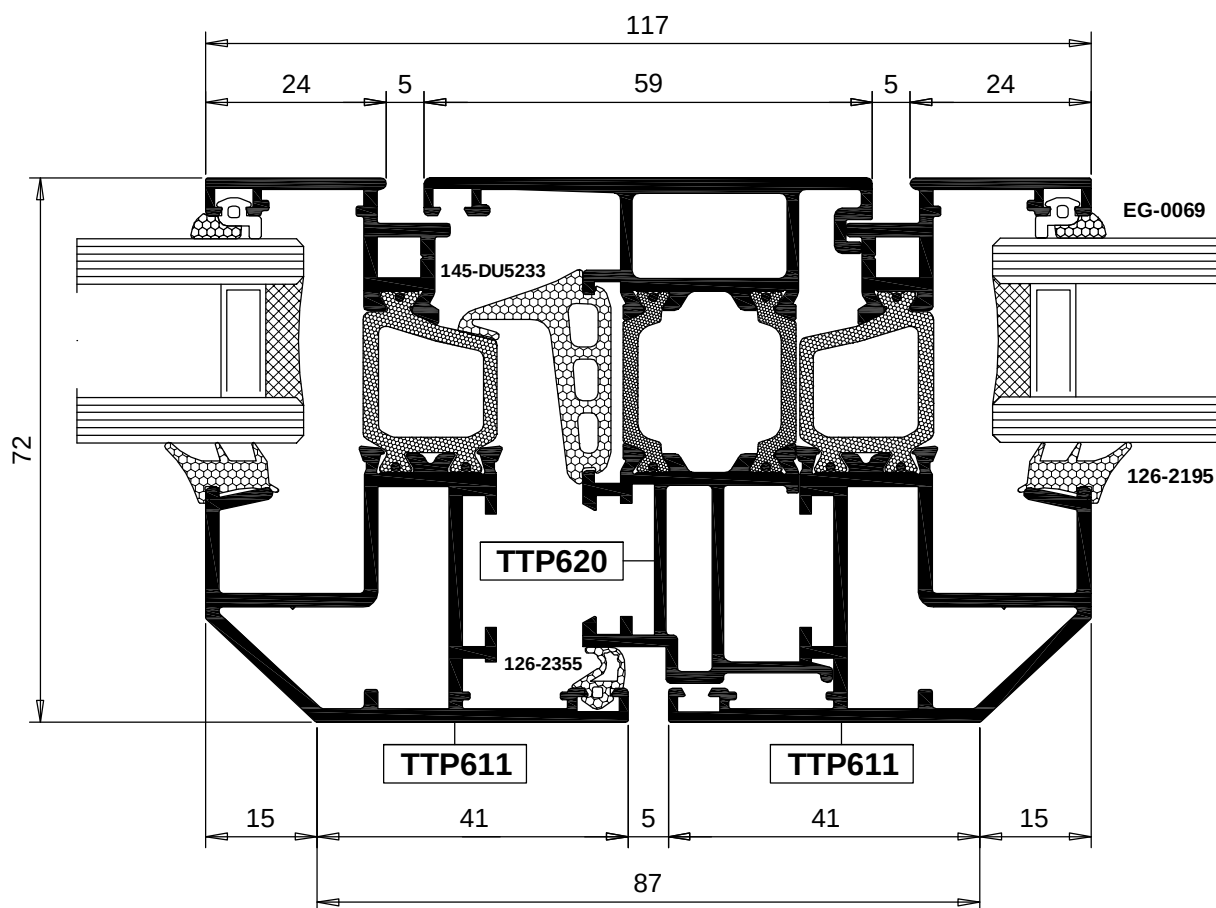
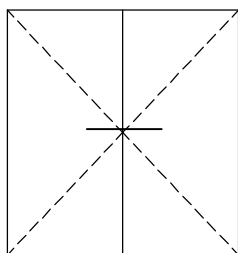
Sezioni 1:1 - Cross sections 1:1



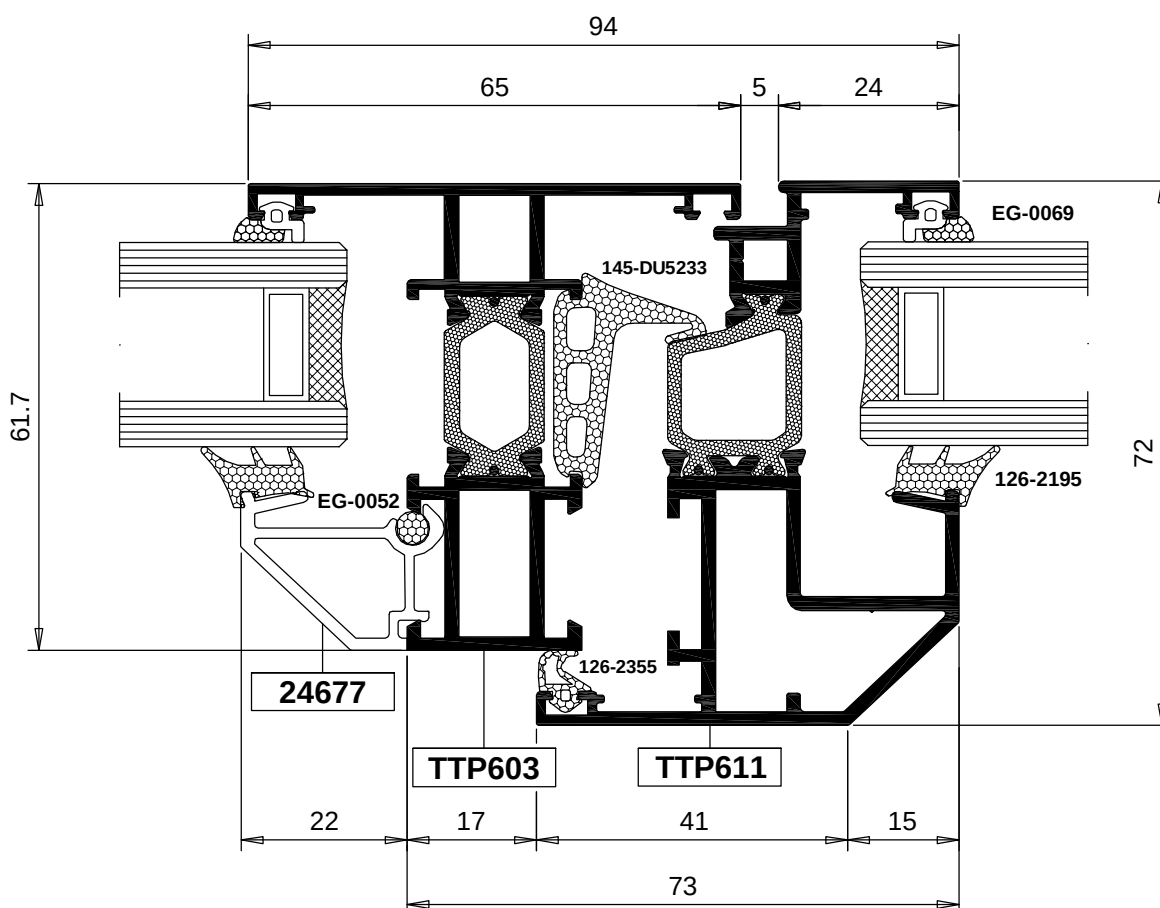
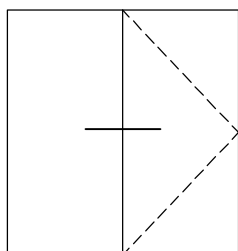
Sezioni 1:1 - Cross sections 1:1



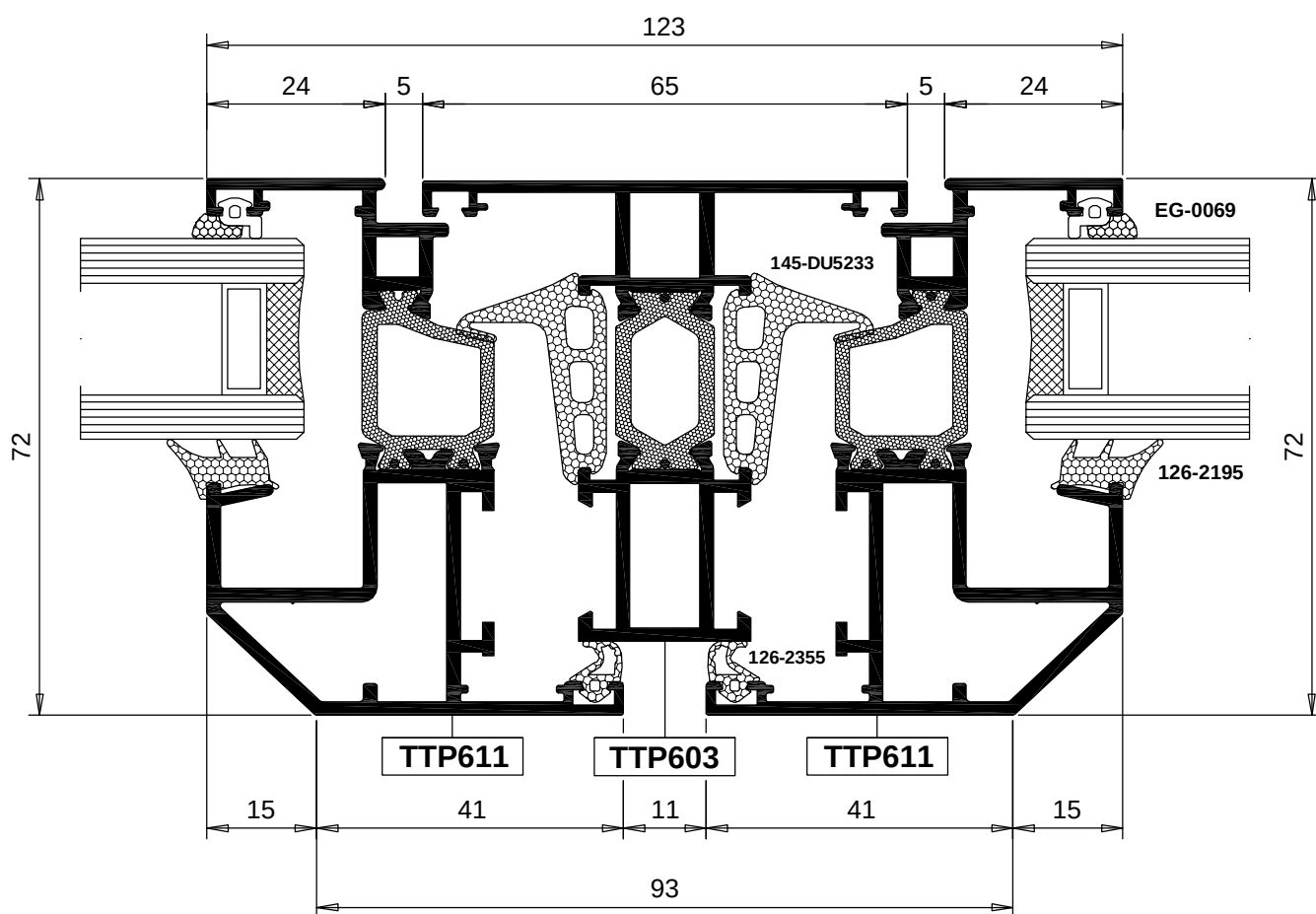
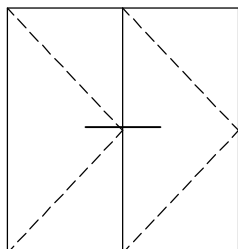
Sezioni 1:1 - Cross sections 1:1



Sezioni 1:1 - Cross sections 1:1



Sezioni 1:1 - Cross sections 1:1



Sezioni 1:1 - Cross sections 1:1

