

MANUALE TECNICO EKU PERFEKTION HPS

EDIZIONE 05/2021



TECHNICAL MANUAL EKU PERFEKTION HPS

EDITION 05/2021

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INFORMAZIONI TECNICO COMMERCIALI



TECHNICAL INFORMATION BUSINNES

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

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 HPS 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>	- sezione del telaio fisso	mm. 70
	- sezione dell'anta	mm. 80
	- sovrapposizione a muro dei telai fissi	mm. 26
	- altezza sede vetro telai fissi	mm. 21
	- altezza sede vetro telai apribili	mm. 16
	- larghezza massima per vetro o pannello	mm. 63

inserimento del vetro con fermavetro a scatto con guarnizione o vetro ad infilare;

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 dritta; si possono fabbricare finestre e porte-finestre a battente, con apertura ad una o più ante, a wasistas, ad anta ribalta, vetrate fisse.

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 HPS 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 HPS 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:

<i>Basic dimensions:</i>	<i>- fixed frame cross-section</i>	<i>mm. 70</i>
	<i>- wing cross-section</i>	<i>mm. 80</i>
	<i>- fin of rabbet for fixed frames</i>	<i>mm. 26</i>
	<i>- glass seat space fixed frames</i>	<i>mm. 21</i>
	<i>- glass seat space open frames</i>	<i>mm. 16</i>
	<i>- maximum width for glass or panel</i>	<i>mm. 63</i>

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.

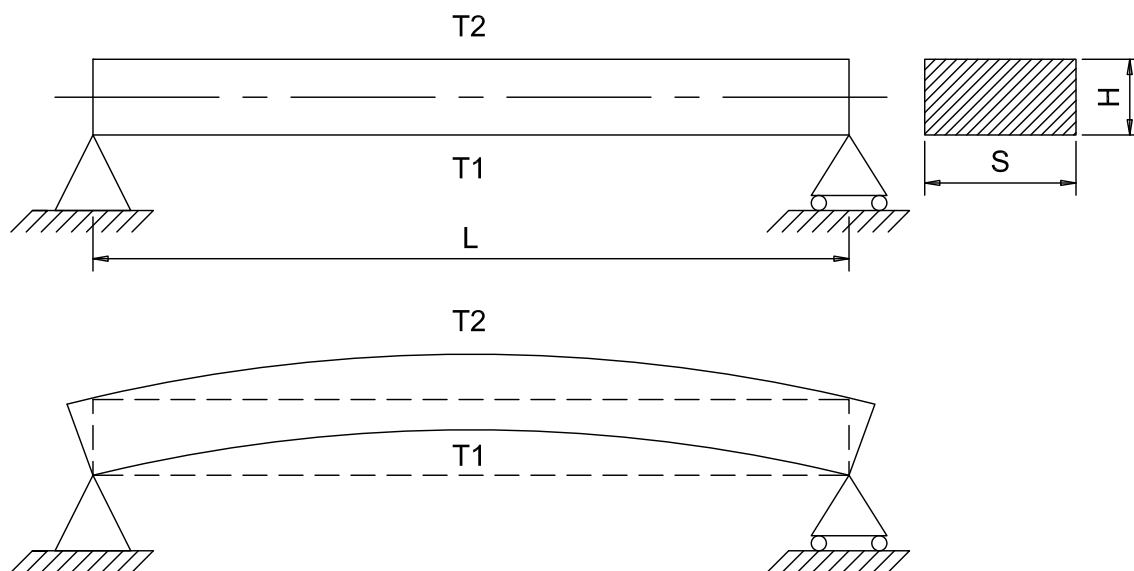
Materiale	$\lambda (^{\circ}\text{C}^{-1})$	Allungamento per aumento di 1°C per 1m di lunghezza (mm)
Acciaio	$11 \cdot 10^{-6}$	0,011
Alluminio	$24 \cdot 10^{-6}$	0,024
Ferro	$12 \cdot 10^{-6}$	0,012
P.V.C.	$70 \cdot 10^{-6}$	0,070
Vetro	$9 \cdot 10^{-6}$	0,009

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) Alla riduzione dell'esposizione diretta ai raggi solari
- 2) Alla riduzione della dimensione S della superficie esposta del profilo
- 3) All'utilizzo di finiture chiare del profilo
- 4) Alla riduzione della lunghezza L del profilo
- 5) All'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.

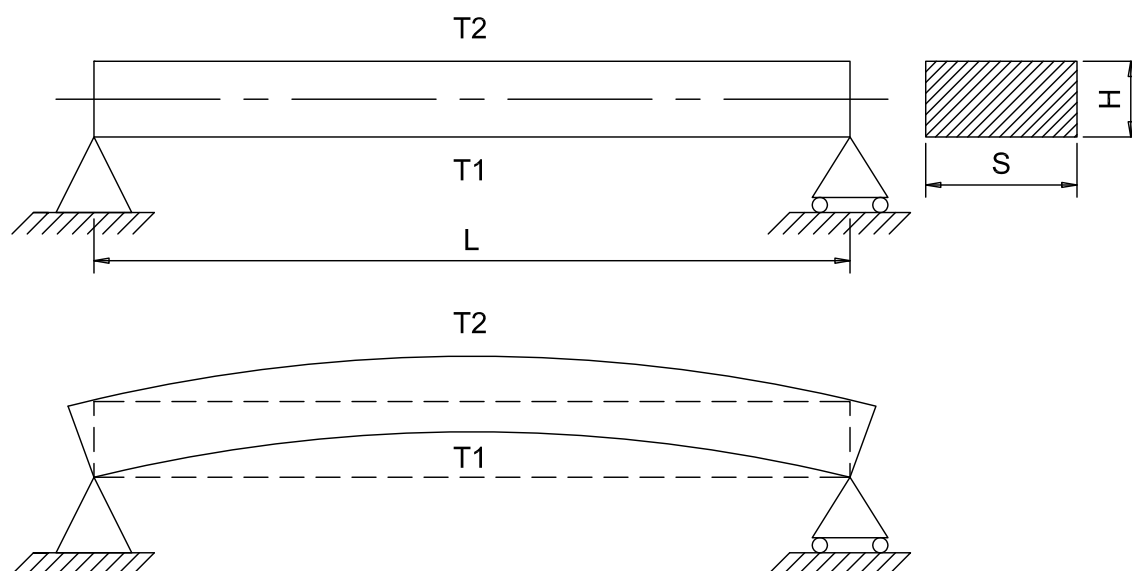
Material	$\lambda (^{\circ}\text{C}^{-1})$	Material length increase, 1 degree per 1m (mm)
Steel	$11 \cdot 10^{-6}$	0,011
Aluminium	$24 \cdot 10^{-6}$	0,024
Iron	$12 \cdot 10^{-6}$	0,012
P.V.C.	$70 \cdot 10^{-6}$	0,070
Glass	$9 \cdot 10^{-6}$	0,009

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) At the reduction of the exposure to direct sunlight
- 2) At the reduction in size S of the exposed surfaces of the profile
- 3) At the use of light colour finishing on the profile
- 4) At the reduction of the length L of the profile
- 5) At 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 70 mm. e l'anta mobile di 78 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 32 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 70 mm and a wing width of 78 mm.

The frames can have an wall overlap of 26 mm.

The wing profiles have to 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 32 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.

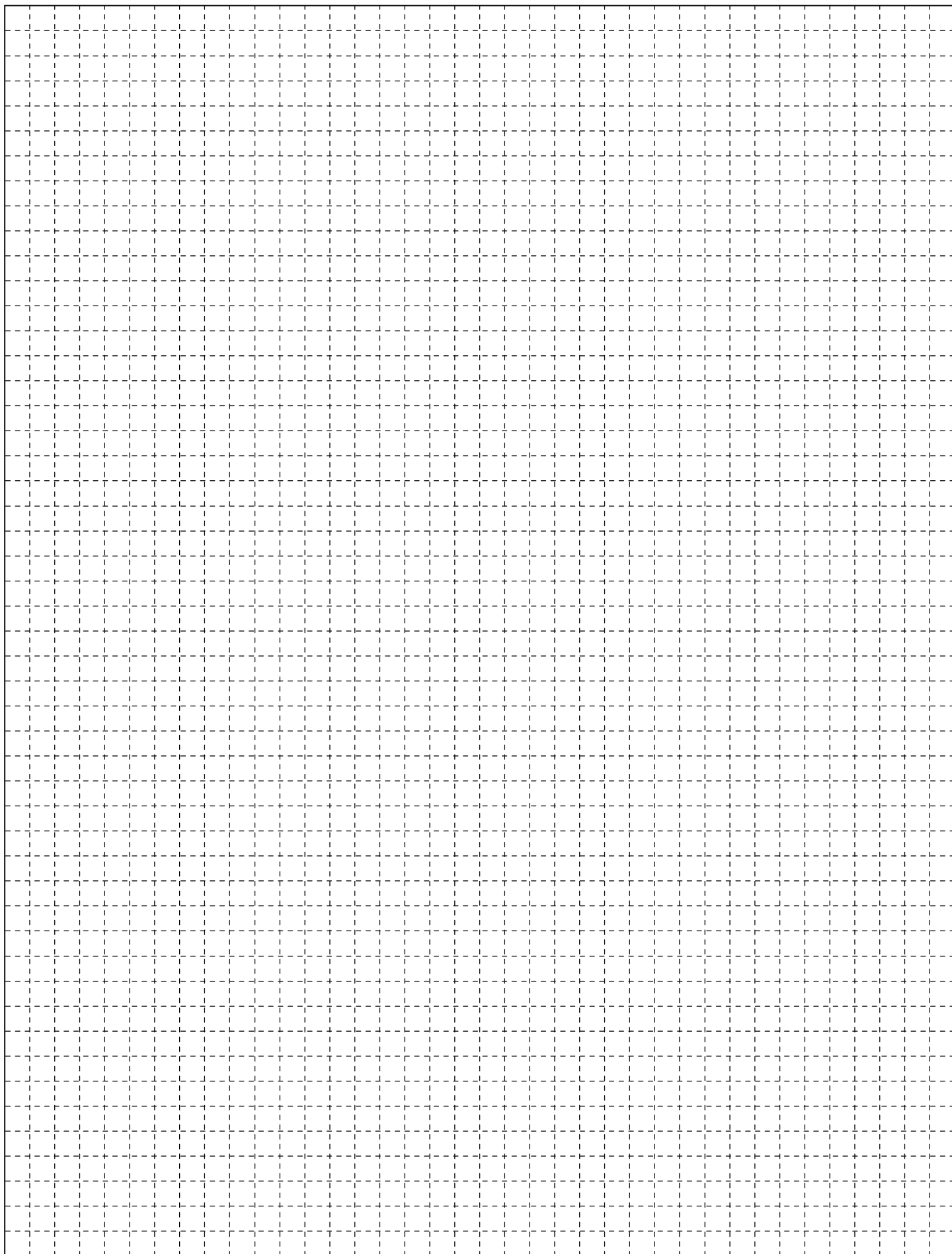
SEALING GASKETS AND BRUSHING

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

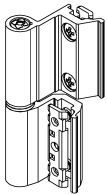
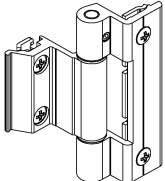
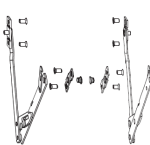
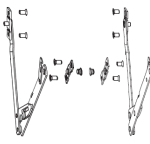
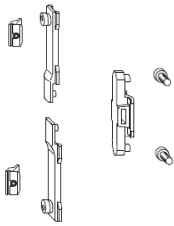


ELENCO ACCESSORI GUARNIZIONI



ACCESSORIES GASKETS LIST

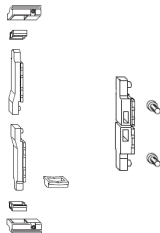
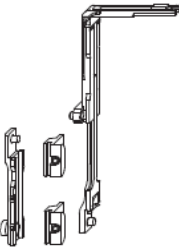
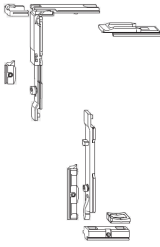
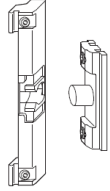
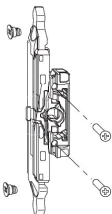
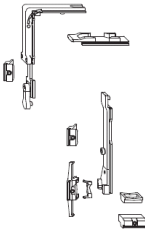
Accessori - Accessory

	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

* 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. 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-0023 braccio cerniera anta abbinata (con EA-0022) arm hinge combined wing (with EA-0022)
	art. EA-0017 kit chiusure anta semplice con puntali in PVC casement window closing kit with PVC terminal		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-0018 martellina "Globe" (quadro 7 mm.) "Globe" handle (square connection 7 mm.)		art. EA-0025 braccio anta ribalta per ante da 601 a 1250 mm tilt and turn arm for wing from 601 to 1250 mm
	art. EA-0019 chiusura supplementare verticale ed orizzontale horizontal and vertical additional closing		art. EA-0026 braccio supplementare anta ribalta per ante da 1251 a 1600 mm. combined wing closing kit
	art. EA-0020 kit base anta ribalta Tilt and turn mechanism		art. EA-0027 dispositivo ferma anta wing stop device
	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-0041 kit base anta ribalta TBT "logica" Tilt and turn mechanism TBT "logic"

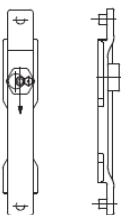
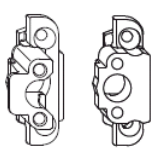
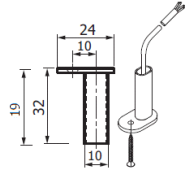
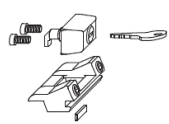
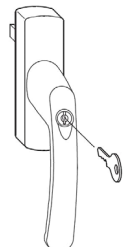
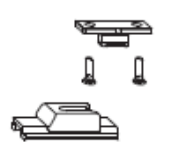
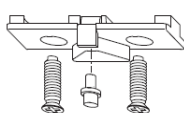
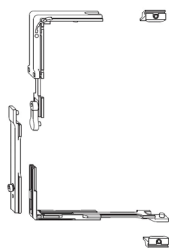
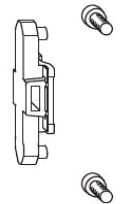
* Colori standard:

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

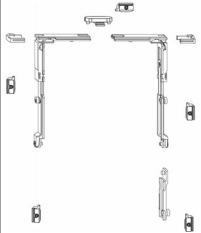
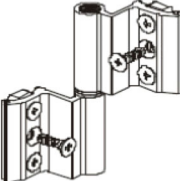
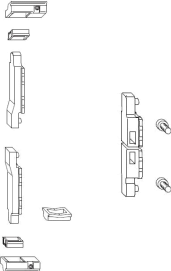
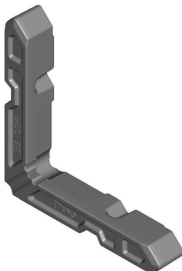
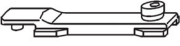
Accessori - Accessory

	art. 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 senore 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
	art. EA-0045..* cremonese "Globe" aperture ad anta semplice ed anta ribalta rotazione 180° con chiave "Globe" lockable cremone for tilt and turn opening and casement window 180° rotation		art. EA-0051 kit chiusura antieffrazione tamper-proof closing kit
	art. EA-0046 dispositivo per micro ventilazione micro-ventilation device		art. EA-0053 kit chiusure multipunto per anta semplice casement window multipoint closing kit
	art. EA-0047 adattatore foro astina da 8 a 6 mm. rod hole adapter from 8 to 6 mm.		art. EA-0054 cursore di collegamento cremonese con rotazione 180° connection device for cremone 180° rotation

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art. EA-.....AR --> silver RAL 9006
art. EA-.....NE --> black RAL 9005

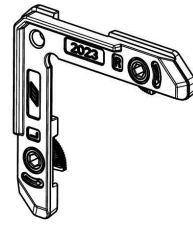
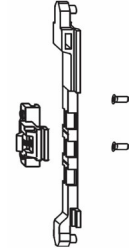
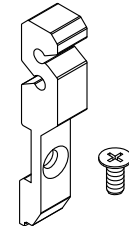
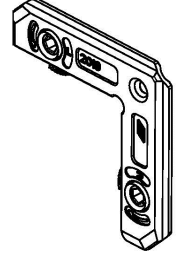
Accessori - Accessory

	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
	art. EA-0057 blocco rotazione cremonese a 90° rotation lock cremone to 90°		art. EA-0113 squadretta esterna anta cianfrinare o spinare external corner joint locked by crimping or pinning for wing
	art. EA-0058 kit chiusure per infisso a due ante semplici two wings casement window closing kit		art. EA-0114 squadretta esterna telaio cianfrinare o spinare external corner joint locked by crimping or pinning for frame
	art. EA-0059 terminale asta con nottolino rod terminal with locking pawl		art. EA-0115 squadretta interna telaio cianfrinare, spinare o avvitare internal corner joint locked by crimping, pinning or screwing for frame

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art. EA-.....NE --> nero RAL 9005

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art. EA-.....AR --> silver RAL 9006
art. EA-.....NE --> black RAL 9005

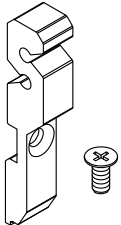
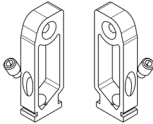
Accessori - Accessory

	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-0160 kit anti falsa manovra per cremonese EA-0004 (sostituisce EA-0005) kit anti false manoeuvres for cremone EA-0004 (replace EA-0005)
	art. EA-0118 spina per squadrette interne pin for internal corner joint		art. EA-0162 cavallotto esterno per ante external T joint for wing
	art. EA-0119 spina per squadrette esterne pin for external corner joint		art. EA-172 Soglia automatica L= 330 mm Automatic drop down seal L= 330 mm
	art. EA-0143 spina per cavallotti esterni EA-0162 / EA-0187 pin for external T joint EA-0162 / EA-0187		EA-0173 Soglia automatica L= 430 mm Automatic drop down seal L= 430 mm
	art. EA-0147 squadretta allineamento esterna telaio external alignment corner joint for frame		EA-0174 Soglia automatica L= 530 mm Automatic drop down seal L= 530 mm

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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

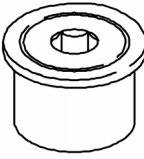
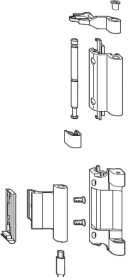
Accessori - Accessory

	EA-0175 Soglia automatica L= 630 mm Automatic drop down seal L= 630 mm		art. EA-0181 Soglia automatica L= 1230 mm Automatic drop down seal L= 1230 mm
	EA-0176 Soglia automatica L= 730 mm Automatic drop down seal L= 730 mm		art. EA-0182 Soglia automatica L= 1330 mm Automatic drop down seal L= 1330 mm
	EA-0177 Soglia automatica L= 830 mm Automatic drop down seal L= 830 mm		art. EA-0183 Soglia automatica L= 1430 mm Automatic drop down seal L= 1430 mm
	EA-0178 Soglia automatica L= 930 mm Automatic drop down seal L= 930 mm		art. EA-0184 Soglia automatica L= 1530 mm Automatic drop down seal L= 1530 mm
	EA-0179 Soglia automatica L= 1030 mm Automatic drop down seal L= 1030 mm		art. EA-0187 cavallotto esterno per telai external T joint for frame
	art. EA-0180 Soglia automatica L= 1130 mm Automatic drop down seal L= 1130 mm		art. EA-0296 coppia cavallotti interni Internal T joint (pair)

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art. EA-.....AR --> argento RAL 9006
art. EA-.....NE --> nero RAL 9005

* Standard colours:
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art. EA-.....AR --> silver RAL 9006
art. EA-.....NE --> black RAL 9005

Accessori - Accessory

	art. EA-0319 espansore di regolazione e fissaggio a muro adjusting expander and wall fastening		art. EA-0384 chiusure supplementari verticali additional vertical closure
	art. EA-0349..* 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-0385 kit aggiuntivo per portate 130 Kg Additional kit for 130 Kg wing
	art. EA-0380 kit cerniere a scomparsa anta-ribalta DX max 100 Kg per ante da 380 a 600 mm hidden hinges for right tilt and turn max 100 Kg wing from 380 to 600 mm		art. EA-0386 braccio limitatore apertura 90° LA >600<1000 limiting arm opening 90° WW>600<1000
	art. EA-0381 kit cerniere a scomparsa anta-ribalta SX max 100 Kg per ante da 380 a 600 mm hidden hinges for left tilt and turn max 100 Kg wing from 380 to 600 mm		art. EA-0387 braccio limitatore apertura 90° LA >1001<1600 limiting arm opening 90° WW>1001<1600
	art. EA-0382 kit cerniere a scomparsa anta-ribalta DX max 100 Kg per ante da 601 a 1600 mm hidden hinges for right tilt and turn max 100 Kg wing from 601 to 1600 mm		art. EA-0388 kit cerniere a scomparsa anta DX portata 100 Kg in abbinamento con EA-0385 hidden hinges for right wing capacity 100 Kg in combination with EA-0385
	art. EA-0383 kit cerniere a scomparsa anta-ribalta SX max 100 Kg per ante da 601 a 1600 mm hidden hinges for left tilt and turn max 100 Kg wing from 601 to 1600 mm		art. EA-0389 kit cerniere a scomparsa anta SX portata 100 Kg in abbinamento con EA-0385 hidden hinges for left wing capacity 100 Kg in combination with EA-0385

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art. EA-.....AR --> argento RAL 9006

art. EA-.....NE --> nero RAL 9005

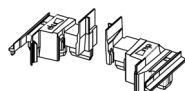
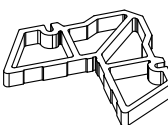
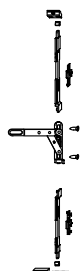
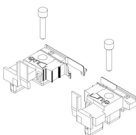
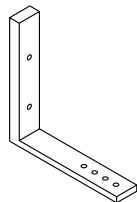
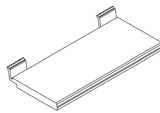
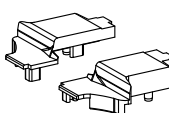
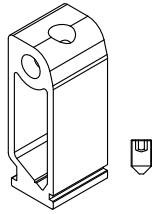
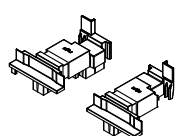
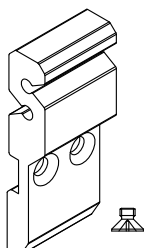
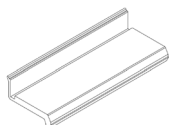
* Standard colours:

art. EA-.....BI --> white RAL 9016

art. EA-.....AR --> silver RAL 9006

art. EA-.....NE --> black RAL 9005

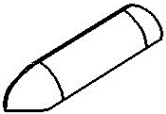
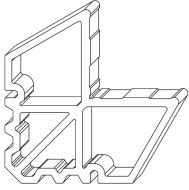
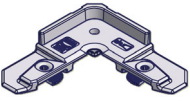
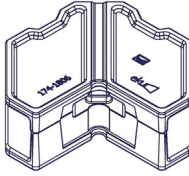
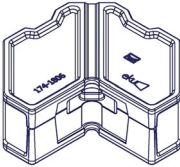
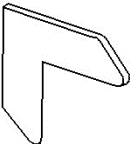
Accessori - Accessory

	art. EA-0390 kit cerniere a scomparsa vasistas portata 50 Kg hidden hinges for top hung capacity 50 Kg		art. EA-0414 tappo di tenuta a giunto aperto per profilo incontro T/Z Seal plug for central T/Z profiles
	art. EA-0398 Squadretta esterna a cianfrinare per profilo TTP830 External corner joint locked by crimping for TTP830		art. EA-0418 kit chiusura anta secondaria + leva di comando combined wing closing kit + lever movement
	art. EA-0406 tappo di tenuta a giunto aperto per profilo di riporto TTP820 Seal plug for central rabbet TTP820		art. EA-0432 Squadretta per soglia ribassata Corner joint for lowered threshold
	art. EA-0407 Supporto vetro per ante wing glass support		art. EA-0434 Tappo di riporto centrale per ante con vetro strutturale Seal plugs on central profiles for structural glass wings
	art. EA-0412 Cavallotto interno per TTP829/TTP831/TTP833 Internal "T" joint for TTP829/TTP831/TTP833		art. EA-0436 Tappo di riporto centrale per doppia battuta porte Seal plugs on central rabbet profiles for doors
	art. EA-0413 Cavallotto esterno per TTP829/TTP831/TTP833 External "T" joint for TTP829/TTP831/TTP833		art. EA-0512 Supporto vetro per telai fissi Glass support for fixed wings

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Accessori - Accessory

	art. 142-2145 cappetta copri asola di drenaggio acqua cover cup for drainage water buttonhole		art. 153-0062 Squadretta esterna a cianfrinare per ante maggiorate External corner joint locked by crimping for oversize fixed frames
	art. 174-1591 Squadretta allineamento esterna External alignment corner joint		art. 174-1806 Squadretta interna a cianfrinare per ante maggiorate Internal corner joint locked by crimping for oversize wings
	art. 174-1806 Squadretta interna a cianfrinare ante maggiorate Internal corner joint locked by crimping for oversize wings		
	art. 653-040.4 squadretta allineamento interna anta internal alignment corner joint for wing		
	art. 123-50729T sigillante protettivo trasparente per la sigillatura angoli transparent sealant and protecting glue for corner		
	art. 170-892100115 collante monocomponente per incollaggio squadrette single component glue for corner joint		

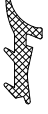
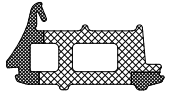
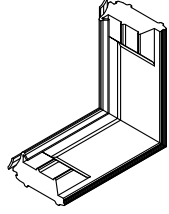
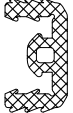
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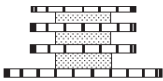
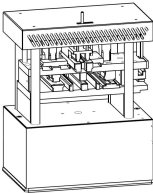
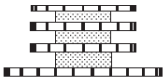
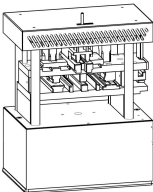
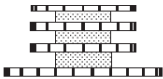
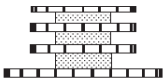
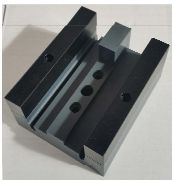
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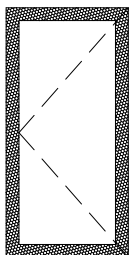
Guarnizioni - Gaskets

	art. 126-2194 guarnizione di vetratura interna spessore 3/4 mm mm 3/4 thick internal glass beading		art. EG-0081 guarnizione di tenuta centrale a giunto aperto termica per accessori a scomparsa thermal open joint central seal for concealed accessories
	art. 126-2195 guarnizione di vetratura interna spessore 5/6 mm mm 5/6 thick internal glass beading		art. EG-0082 angolo vulcanizzato per pinna centrale EG-0081 vulcanized angle for gasket EG-0081
	art. 126-2197 guarnizione di vetratura interna spessore 7/8 mm mm 7/8 thick internal glass beading		art. 526-7026 guarnizione in gomma silconica per apertura strutturale silicone rubber gasket for structural opening
	art. 126-2355 guarnizione di battuta interna internal rabbet gasket		art. EG-0100 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-0069 guarnizione di vetratura esterna spessore 4 mm mm 4 thick external glass beading

Attrezzature - Equipments

	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-0018 gruppo frese per telai fissi milling cutter for fixed frame		art. EP-0006 punzonatrice punching machine
	art. EU-0019 gruppo frese per ante milling cutter for wings profiles		
	art. EU-0020 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

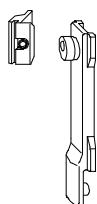


Schema accessori anta portata Kg 80 per telai TTP801 e TTP802

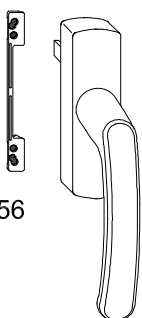
One wing scheme accessories capacity Kg 80 for TTP801 and TTP802 frames

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

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



EA-0004



EA-0056

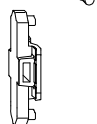


EA-0001

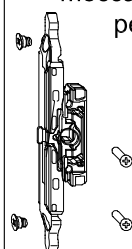
EA-0007



EA-0054



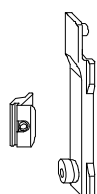
Alternativa
meccanismo incassato
per martellina
EA-0021



EA-0007
HA>1250



EA-0001



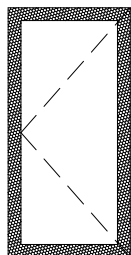
EA-0013



EA-0057



Layout accessori a vista - On view accessories layout



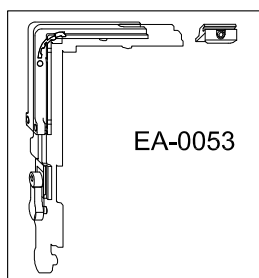
Schema accessori anta portata Kg 100/130 per telaio TTP802

One wing scheme accessories capacity Kg 100/130 for TTP802 frame

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

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

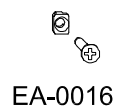
EA-0023



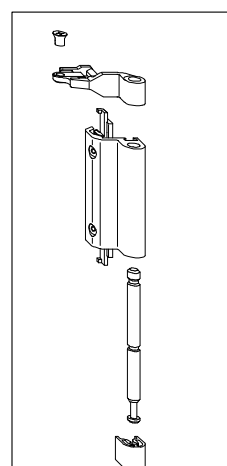
EA-0053



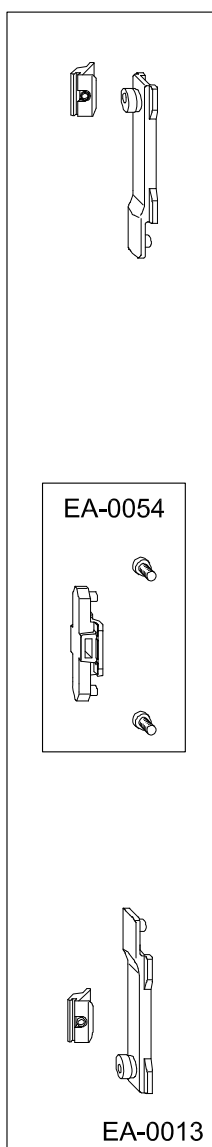
EA-0059



EA-0016

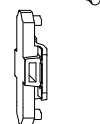


EA-0349

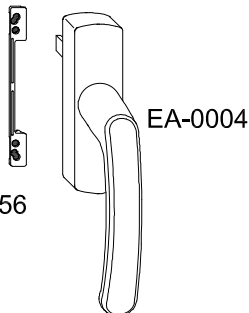


EA-0013

EA-0054



EA-0007



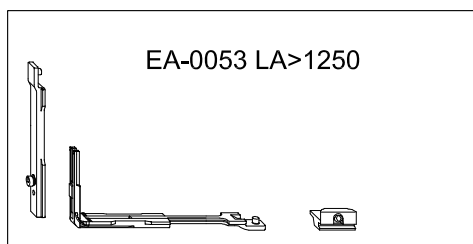
EA-0004

EA-0056



Alternativa
meccanismo incassato
per martellina
EA-0021

EA-0007
HA>1250



EA-0053 LA>1250

EA-0323



EA-0324

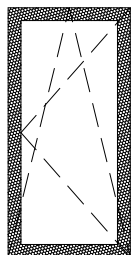


EA-0057



EA-0059

Layout accessori a vista - On view accessories layout



Schema accessori anta ribalta portata Kg 100/130 per telaio TTP802

One wing Tilt-Turn scheme accessories capacity Kg 100/130 for TT802 frame

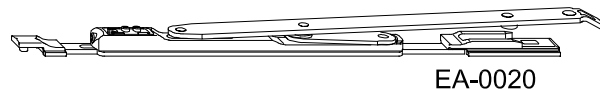
EA-0026 LA>1250<1600



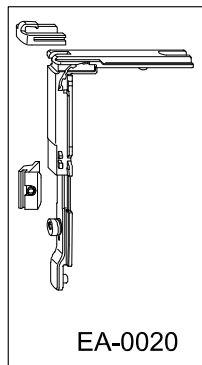
EA-0024 LA>500<600

EA-0025 LA>601<1250

EA-0026 LA>1251<1600



EA-0020

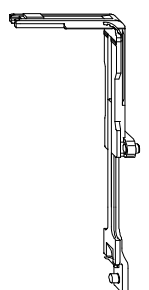


EA-0020

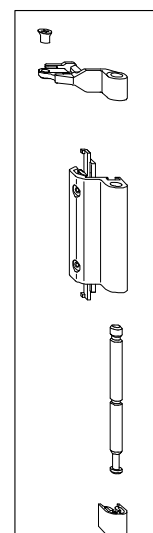
EA-0019

EA-0026

EA-0004

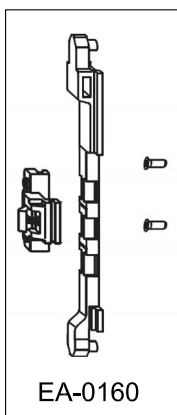


EA-0019
HA>1250



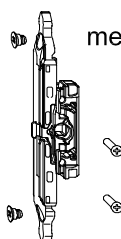
EA-0016

EA-0019

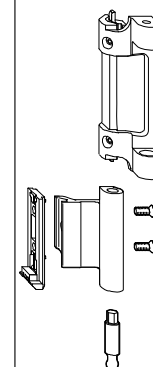


EA-0160

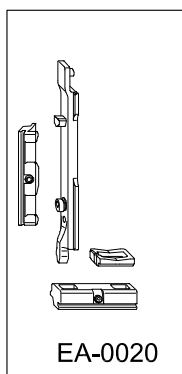
Alternativa
meccanismo incassato
per martellina
EA-0021



EA-0349

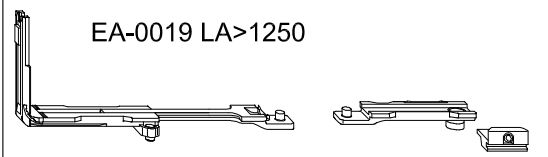


Campo di impiego finestra:
LA >500<1600 HA >500<2000
Campo di impiego portafinestra:
LA >500<1300 HA >500<2400

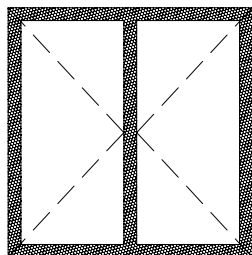


EA-0020

EA-0019 LA>1250

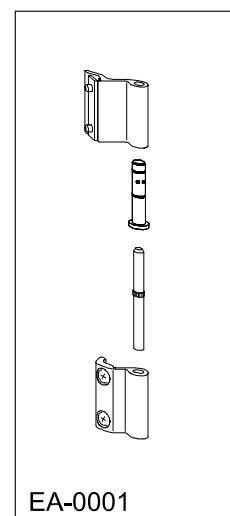
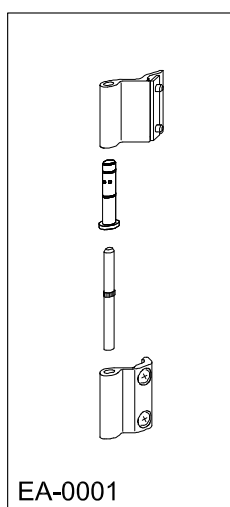
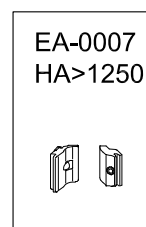
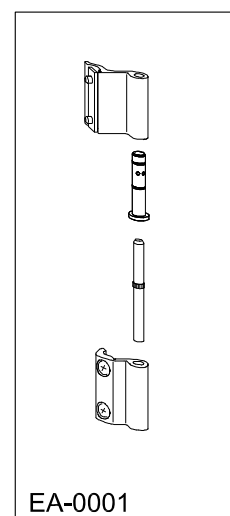
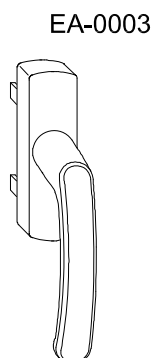
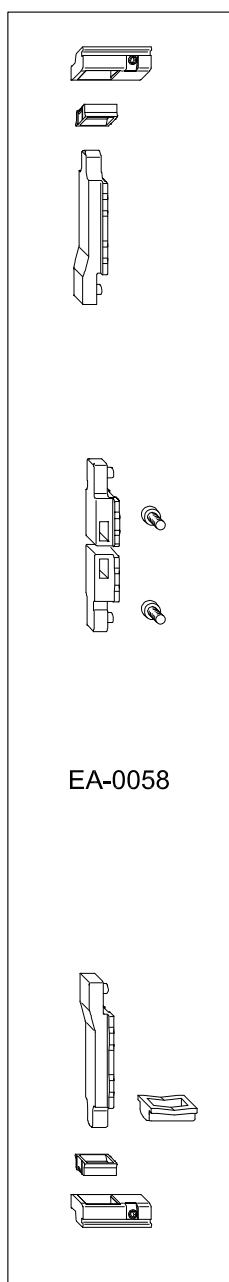
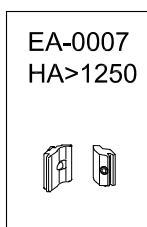
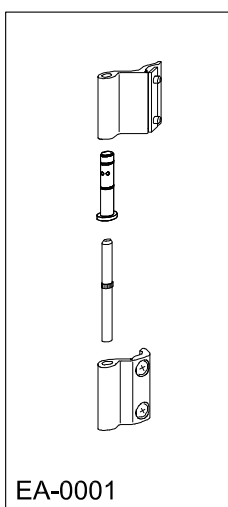


Layout accessori a vista - On view accessories layout

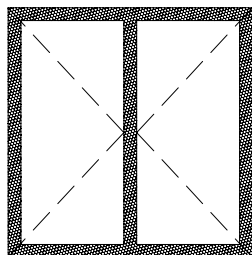


Schema accessori finestra due ante portata Kg 80 per telai TTP801 e TTP802
Two wing window scheme accessories capacity Kg 80 for TTP801 and TTP602 frames

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



Layout accessori a vista - On view accessories layout



Schema accessori finestra due ante portata Kg 100/130 per telaio TTP802
Two wing window scheme accessories capacity Kg 100/130 for TTP802 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



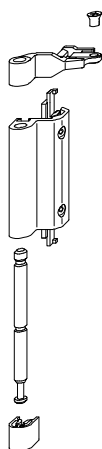
EA-0016



EA-0016



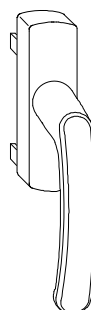
EA-0349



EA-0007
HA>1250



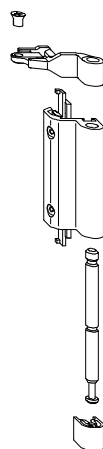
EA-0003



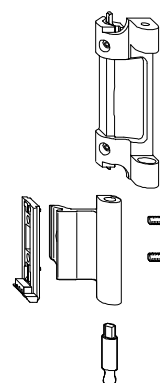
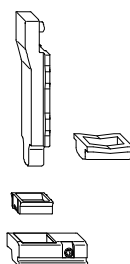
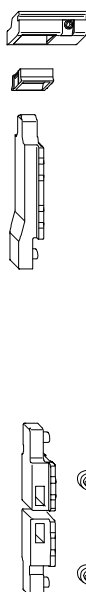
EA-0007
HA>1250



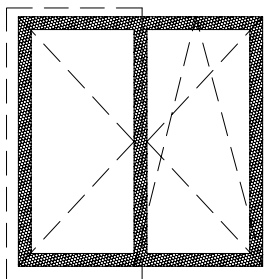
EA-0349



EA-0058



Layout accessori a vista - On view accessories layout



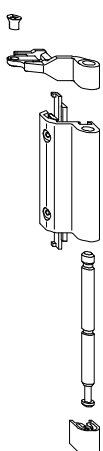
Schema seconda anta tipologia A/R 2 ante Kg 100/130 per telaio TTP802

Second wing scheme accessories 2 wings Tilt-Turn Kg 100/130 for TTP802 frame

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

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

EA-0023

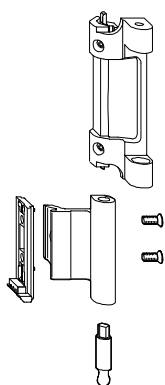


EA-0349



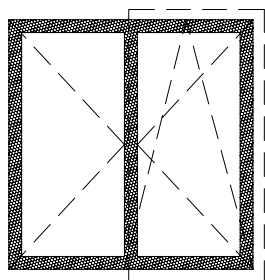
EA-0016

EA-0007



Alternativa con leva
EA-0418

Layout accessori a vista - On view accessories layout



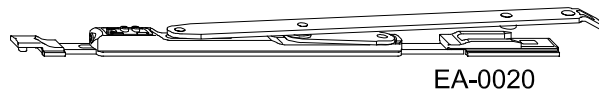
Schema prima anta tipologia A/R 2 ante Kg 100/130 per telaio TTP802

Main wing scheme accessories 2 wings Tilt-Turn Kg 100/130 for TTP802 frame

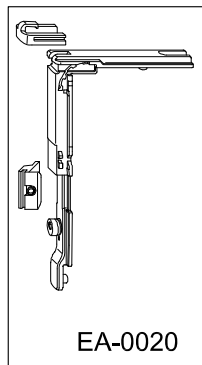
EA-0026 LA>1250<1600



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



EA-0020

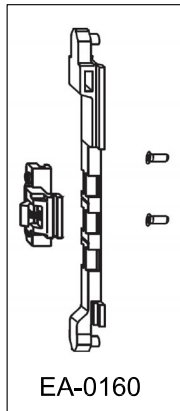


EA-0020

EA-0004

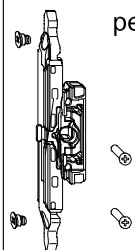


EA-0019

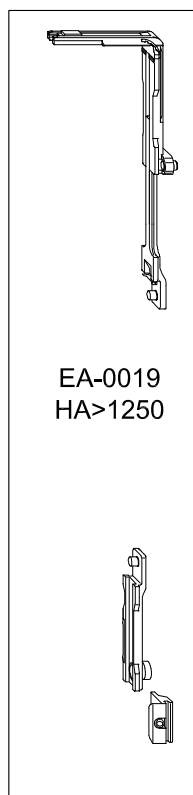


EA-0160

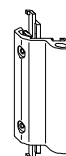
Alternativa
meccanismo incassato
per martellina
EA-0021



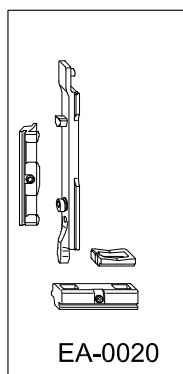
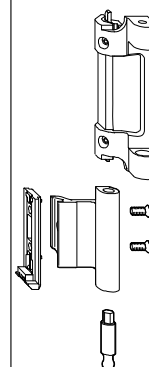
EA-0019
HA>1250



EA-0016



EA-0349

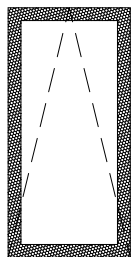


EA-0020

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 TTP801 e TTP802

Hopper window scheme accessories capacity Kg 40/100 vertical handle for TTP801 and TTP802 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

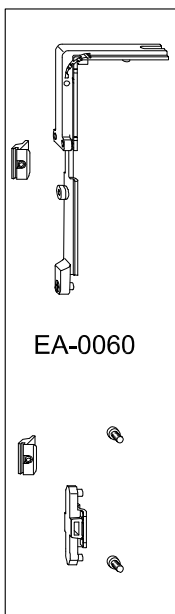
Aggiungere chiusura supplementare
centrale presente in accessorio
EA-0060 nel caso LA>920<1600 mm



EA-0010



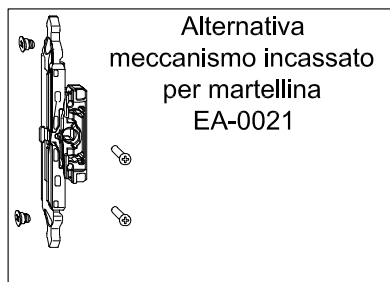
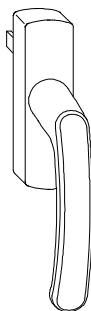
EA-0061



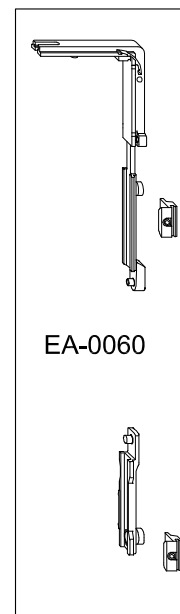
EA-0060

EA-0056

EA-0004

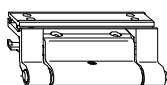


Alternativa
meccanismo incassato
per martellina
EA-0021

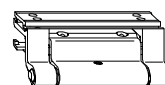


EA-0060

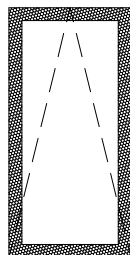
EA-0002



EA-0002



Layout accessori a vista - On view accessories layout



Schema accessori vasistas portata Kg 30/50 maniglia orizzontale per telai TTP801 e TTP802

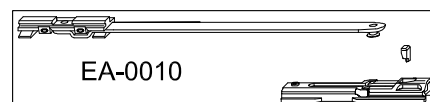
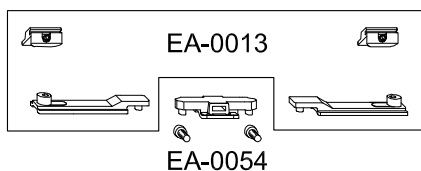
Hopper window scheme accessories capacity Kg 30/50 horizontal handle for TTP801 and TTP802 frames

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

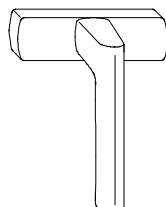
N° 1 EA-0010 LA>400<1000 mm max. 30 Kg

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

 EA-0007



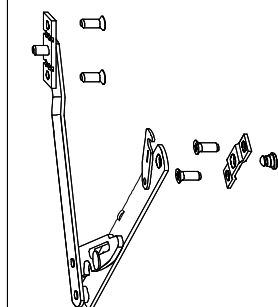
EA-0056



EA-0004

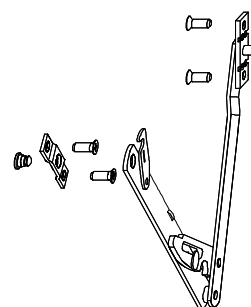
 EA-0006

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

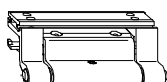


EA-0006 

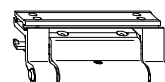
HA>350<600 mm EA-0011
HA>600<2400 mm EA-0012



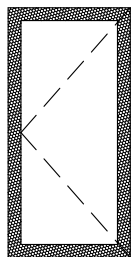
EA-0002



EA-0002



Layout accessori a scomparsa - Concealed accessories layout

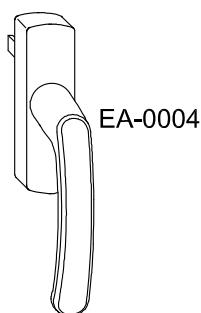
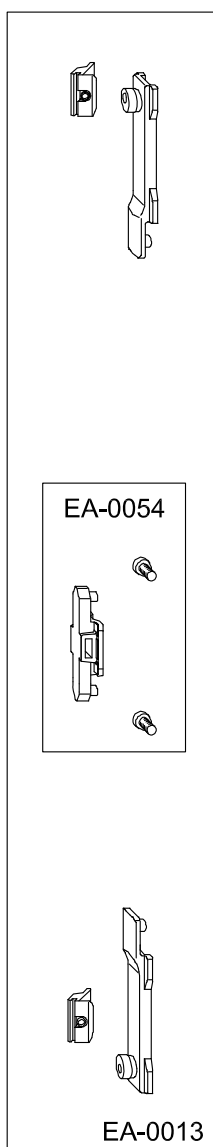
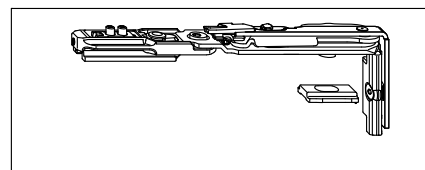
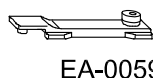
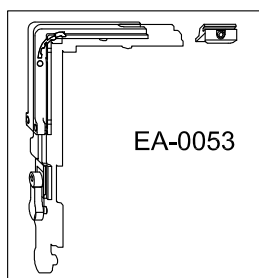


Schema accessori anta portata Kg 100/130 per telai TTP801 e TTP802

One wing scheme accessories capacity Kg 100/130 for TTP801 and TTP802 frames

Campo di impiego:
LA >300<1600 HA >500<2400

EA-0388 (DX)
EA-0389 (SX)

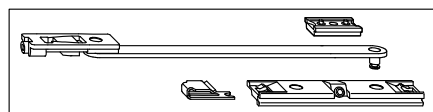


EA-0007
HA>1250



Alternativa
meccanismo incassato
per martellina
EA-0021

EA-0386 LA>600<1000
EA-0387 LA>1001<1600



EA-0385 Kg 100/130



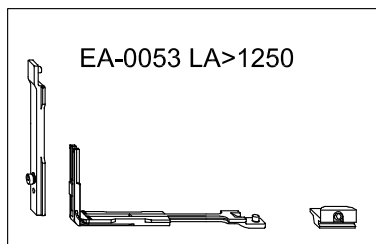
EA-0323



EA-0324



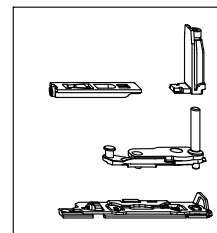
EA-0057



EA-0053 LA>1250

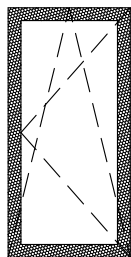


EA-0059



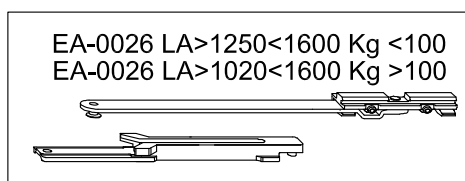
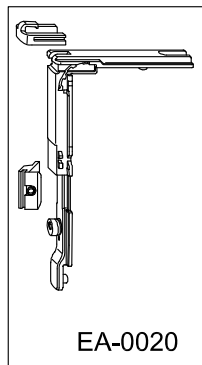
EA-0388 (DX)
EA-0389 (SX)

Layout accessori a scomparsa - Concealed accessories layout



Schema accessori anta ribalta portata Kg 100/130 per telai TT801 e TTP802

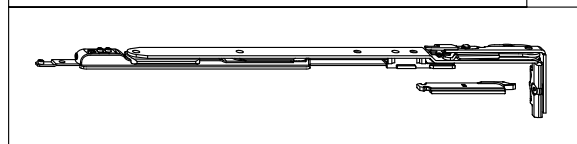
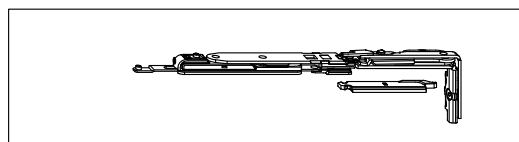
One wing Tilt-Turn scheme accessories capacity Kg 100/130 for TTP801 and TTP802 frames



EA-0004

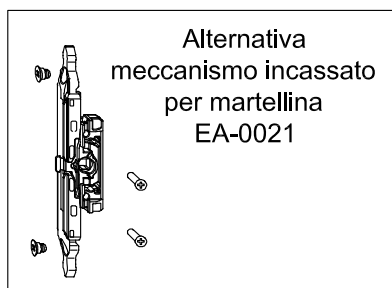
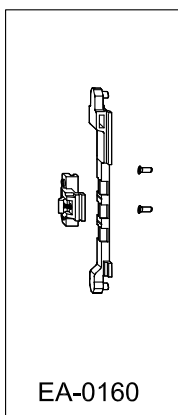


EA-0026

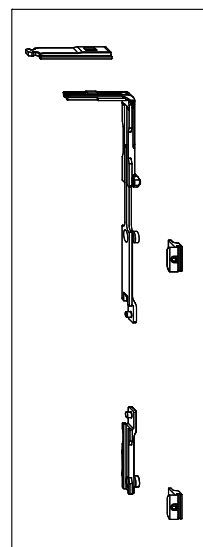


EA-0380 (DX) EA-0381 (SX) LA>380<600
EA-0382 (DX) EA-0383 (SX) LA>601<1600

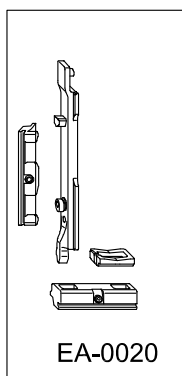
EA-0019



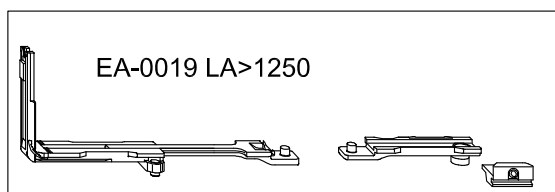
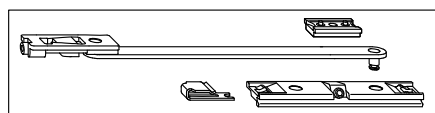
EA-0384 HA>1250



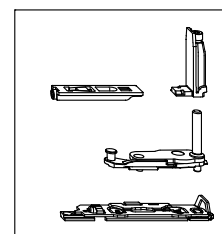
Campo di impiego:
LA >380<1600 HA >550<2400



EA-0386 LA>600<1000
EA-0387 LA>1001<1600

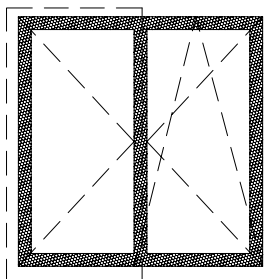


EA-0385 Kg 100/130



EA-0380 (DX) / EA-0381 (SX)
EA-0382 (DX) / EA-0383 (SX)

Layout accessori a scomparsa - Concealed accessories layout

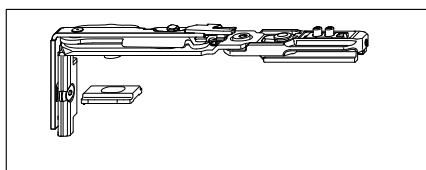


Schema seconda anta tipologia A/R 2 ante Kg 100/130 per
telai TTP801 e TTP802

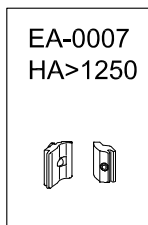
*Second wing scheme accessories 2 wings Tilt-Turn Kg 100/130
for TTP801 and TTP802 frames*

Campo di impiego:
LA >300<1600 HA >500<2400

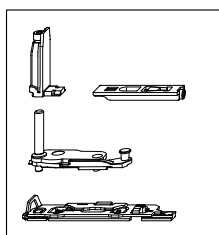
EA-0388 (DX)
EA-0389 (SX)



EA-0007
HA>1250



EA-0385 Kg 100/130

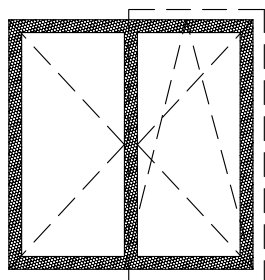


EA-0388 (DX)
EA-0389 (SX)

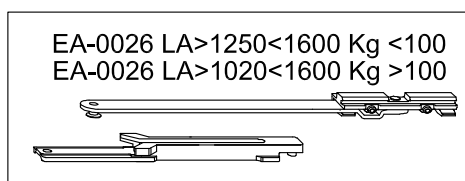
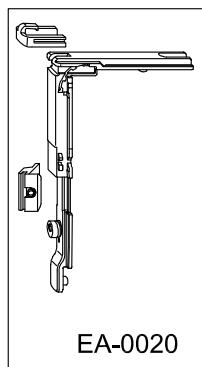


Alternativa con leva
EA-0418

Layout accessori a scomparsa - Concealed accessories layout



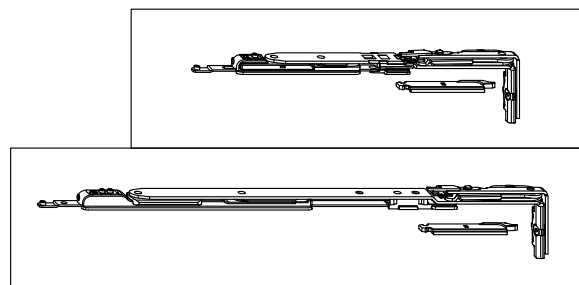
Schema prima anta tipologia A/R 2 ante Kg 100/130 per telai TTP801 e TTP802
Main wing scheme accessories 2 wings Tilt-Turn Kg 100/130
for TTP801 and TTP802 frames



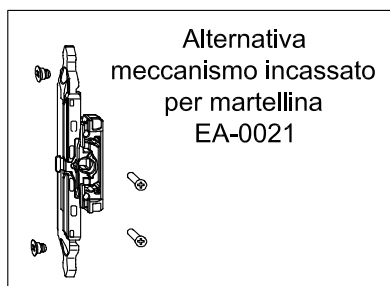
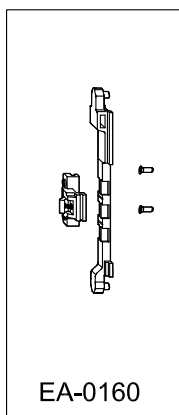
EA-0004



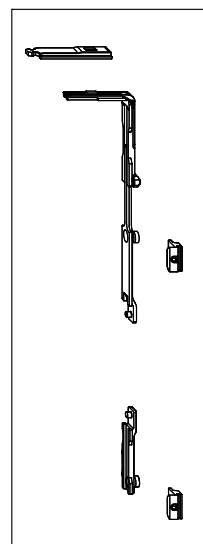
EA-0026



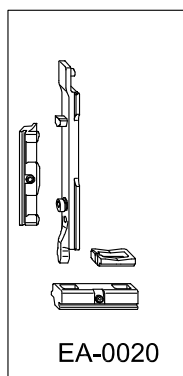
EA-0019



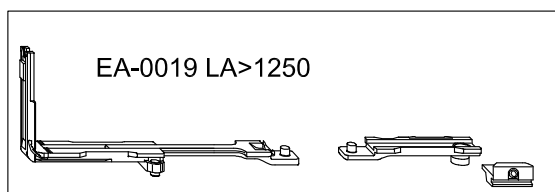
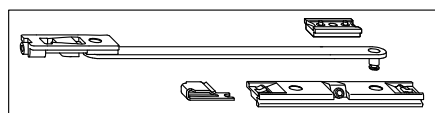
EA-0384 HA>1250



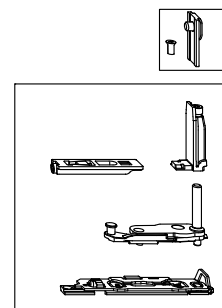
Campo di impiego:
LA >380<1600 HA >550<2400



EA-0386 LA>600<1000
EA-0387 LA>1001<1600

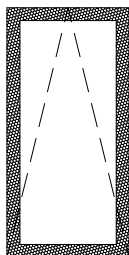


EA-0385 Kg 100/130



EA-0380 (DX) / EA-0381 (SX)
EA-0382 (DX) / EA-0383 (SX)

Layout accessori a scomparsa - Concealed accessories layout

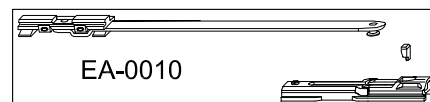
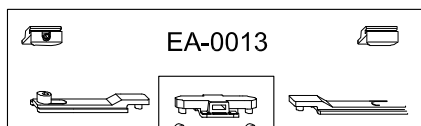


Schema accessori vasistas portata Kg 50 maniglia orizzontale per i telai TTP801 e TTP802

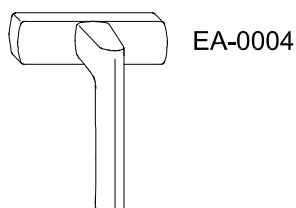
Hopper window scheme accessories capacity Kg 50 horizontal handle for TTP801 and TTP802 frames

Campo di impiego finestra:
LA >400<2400 HA >700<1200

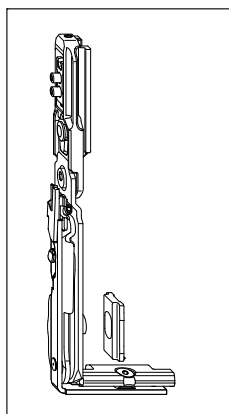
 EA-0007



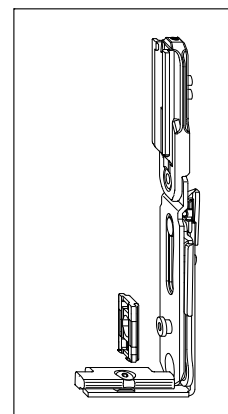
EA-0056



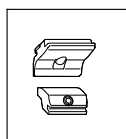
EA-0390



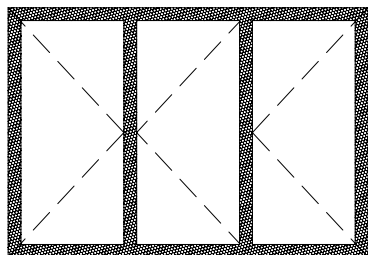
EA-0390



EA-0007
LA>1250 1pz >1600 2pz

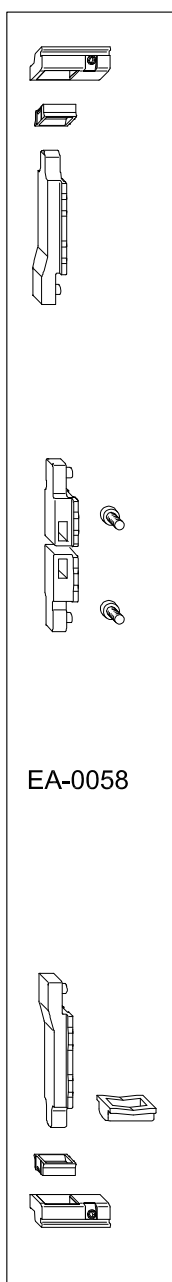
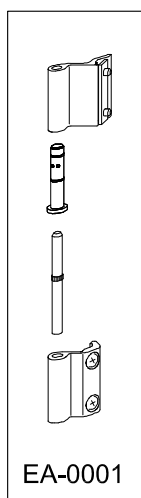
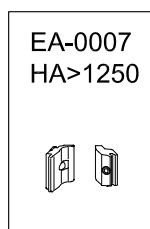
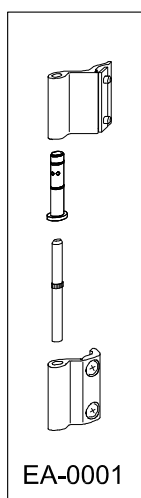


Layout Accessori - Accessories Layout

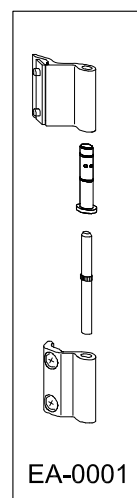
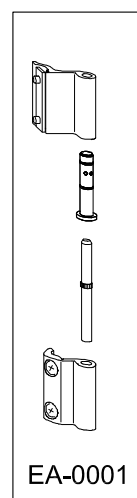
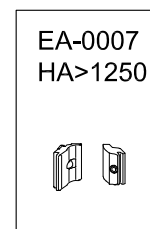
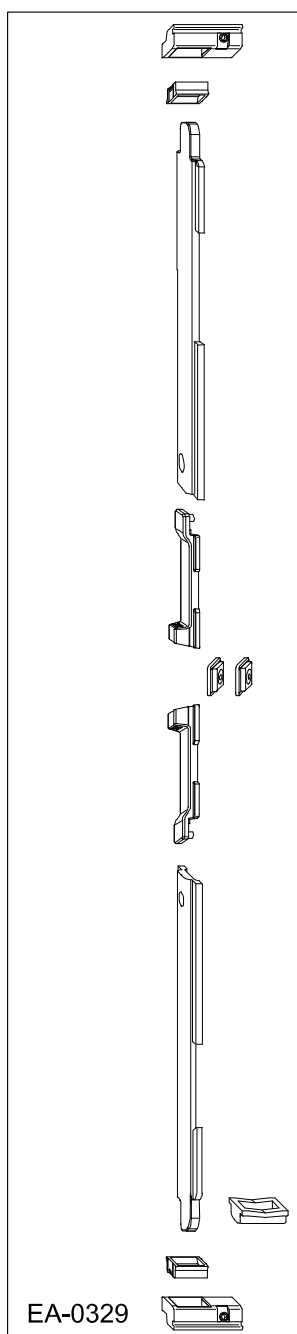
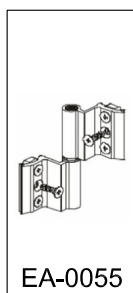
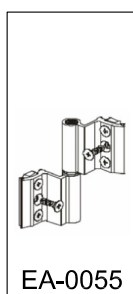
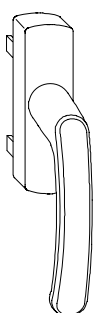


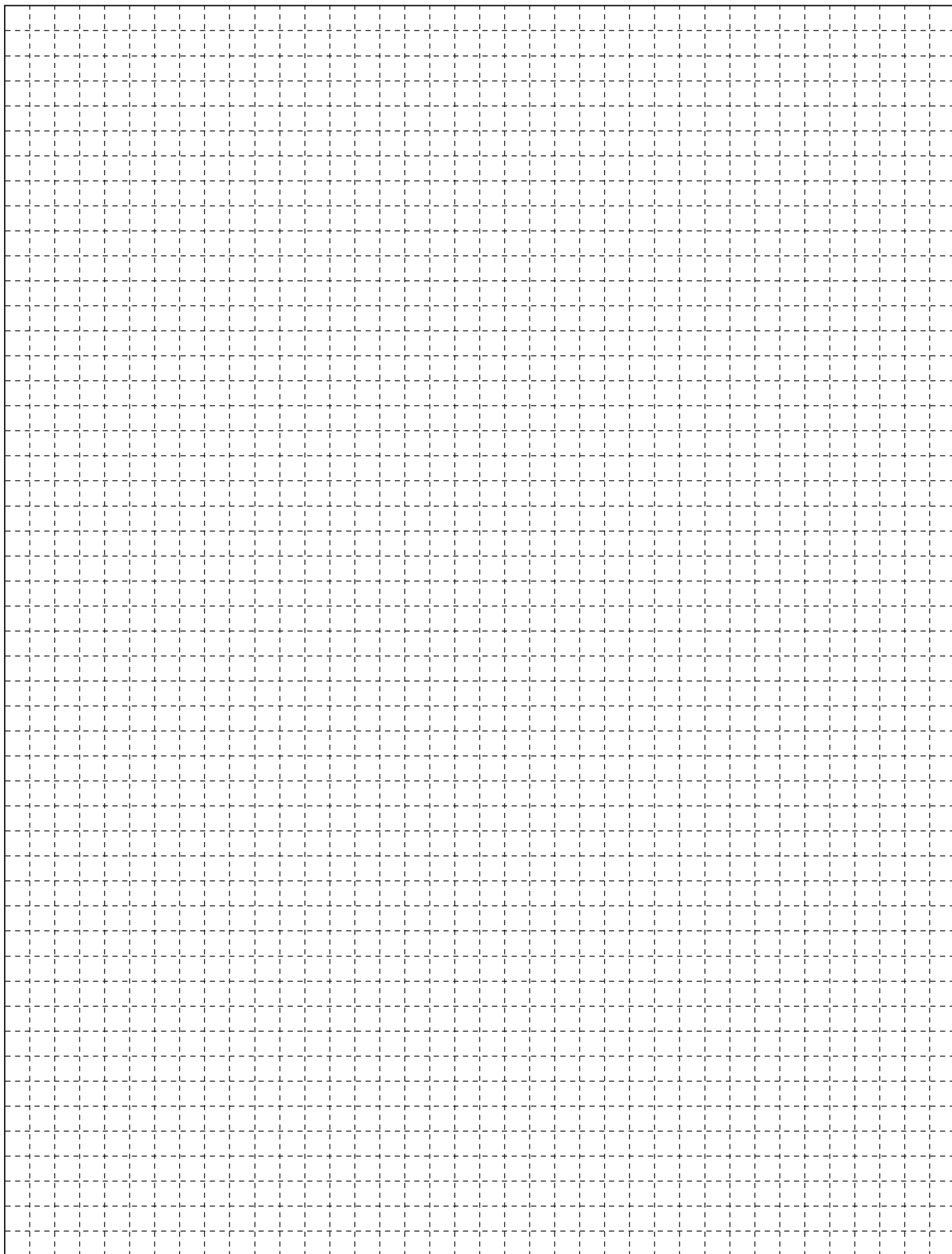
Schema accessori finestra tre ante portata Kg 80

Three wing window scheme accessories capacity Kg 80



EA-0003





ELENCO PROFILI



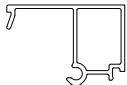
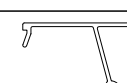
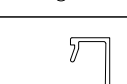
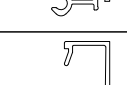
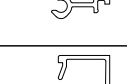
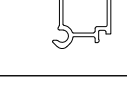
PROFILE LIST

Elenco Profili - Profiles List

SIGLA CODE	PROFILO PROFILE	PESO _{Kg/m} WEIGHT _{Kg/m}	IMPIEGO USE	PAGINA PAGE
4293		0.183	Fermavetro da 4 mm <i>Glass beading 4 mm</i>	4-19
5767		0.190	Gocciolatoio <i>Water drainage</i>	4-20
6405		0.159	Astina di comando chiusure <i>Closing rod</i>	4-20
16185		0.237	Fermavetro da 10 mm <i>Glass beading 10 mm</i>	4-19
16186		0.243	Fermavetro da 13 mm <i>Glass beading 13 mm</i>	4-19
16189		0.252	Fermavetro da 17 mm <i>Glass beading 17 mm</i>	4-19
16191		0.290	Fermavetro da 23 mm <i>Glass beading 23 mm</i>	4-20
16193		0.303	Fermavetro da 27 mm <i>Glass beading 27 mm</i>	4-20
16195		0.310	Fermavetro da 29 mm <i>Glass beading 29 mm</i>	4-20
16197		0.316	Fermavetro da 31 mm <i>Glass beading 31 mm</i>	4-20
19712		0.242	Fermavetro da 15 mm <i>Glass beading 15 mm</i>	4-19
22618		0.271	Fermavetro da 20 mm <i>Glass beading 20 mm</i>	4-19
24528		0.366	Fermavetro anta da 31 mm <i>Wing glass beading 31 mm</i>	4-18
24556		0.372	Fermavetro anta da 33 mm <i>Wing glass beading 33 mm</i>	4-18
24557		0.385	Fermavetro anta da 37 mm <i>Wing glass beading 37 mm</i>	4-18

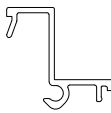
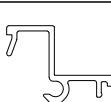
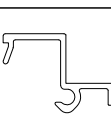
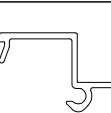
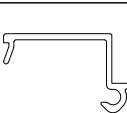
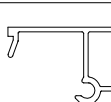
Note: = profilo non a stock
profile no stock

Elenco Profili - Profiles List

SIGLA CODE	PROFILO PROFILE	PESO Kg/m WEIGHT Kg/m	IMPIEGO USE	PAGINA PAGE
24558		0.392	Fermavetro anta da 39 mm <i>Wing glass beading 39 mm</i>	4-16
24559		0.399	Fermavetro anta strutturale da 41 mm <i>Glass beading 41 mm</i>	4-16
24560		0.407	Fermavetro anta strutturale da 43 mm <i>Glass beading 43 mm</i>	4-16
24561		0.414	Fermavetro anta strutturale da 45 mm <i>Glass beading 45 mm</i>	4-15
24565		0.233	Fermavetro da 4 mm <i>Glass beading 4 mm</i>	4-17
24566		0.255	Fermavetro da 10 mm <i>Glass beading 10 mm</i>	4-17
24567		0.265	Fermavetro da 13 mm <i>Glass beading 13 mm</i>	4-17
24568		0.272	Fermavetro da 15 mm <i>Glass beading 15 mm</i>	4-17
24569		0.279	Fermavetro da 17 mm <i>Glass beading 17 mm</i>	4-17
24570		0.332	Fermavetro da 20 mm <i>Glass beading 20 mm</i>	4-17
24571		0.340	Fermavetro telaio da 23 mm <i>Wing glass beading 23 mm</i>	4-18
24572		0.354	Fermavetro telaio da 27 mm <i>Wing glass beading 27 mm</i>	4-18
24573		0.359	Fermavetro telaio da 29 mm <i>Wing glass beading 29 mm</i>	4-18
24611		0.327	Fermavetro anta da 31 mm <i>Wing glass beading 31 mm</i>	4-15
24612		0.300	Fermavetro anta da 23 mm <i>Wing glass beading 23 mm</i>	4-15

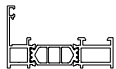
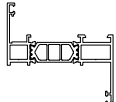
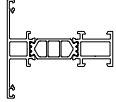
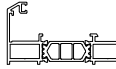
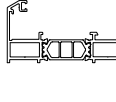
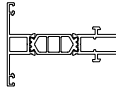
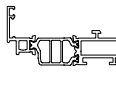
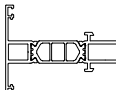
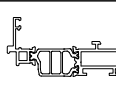
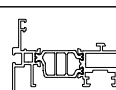
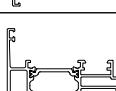
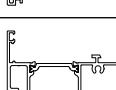
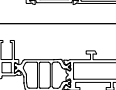
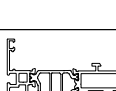
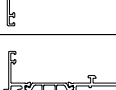
Note:  = profilo non a stock
profile no stock

Elenco Profili - Profiles List

SIGLA CODE	PROFILO PROFILE	PESO Kg/m WEIGHT Kg/m	IMPIEGO USE	PAGINA PAGE
24676		0.248	Fermavetro telaio da 21 mm <i>Frame glass beading 21 mm</i>	4-14
26561		0.262	Fermavetro telaio da 25 mm <i>Frame glass beading 25 mm</i>	4-14
26562		0.275	Fermavetro telaio da 29 mm <i>Frame glass beading 29 mm</i>	4-14
26563		0.232	Fermavetro anta da 23 mm <i>Wing glass beading 23 mm</i>	4-14
26564		0.246	Fermavetro anta da 27 mm <i>Wing glass beading 27 mm</i>	4-14
26565		0.262	Fermavetro anta da 31 mm <i>Wing glass beading 31 mm</i>	4-14
26566		0.275	Fermavetro anta da 35 mm <i>Wing glass beading 35 mm</i>	4-14
26567		0.292	Fermavetro anta da 39 mm <i>Wing glass beading 39 mm</i>	4-14
26572		0.196	Fermavetro anta da 19 mm <i>Wing glass beading 19 mm</i>	4-14
26633		0.308	Fermavetro anta da 43 mm <i>Wing glass beading 43 mm</i>	4-15
32200		0.256	Fermavetro anta da 15 mm <i>Wing glass beading 15 mm</i>	4-15
32201		0.346	Fermavetro anta da 37 mm <i>Wing glass beading 37 mm</i>	4-15

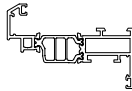
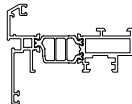
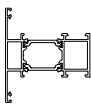
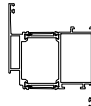
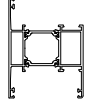
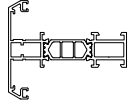
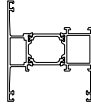
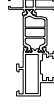
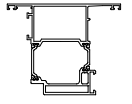
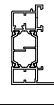
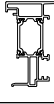
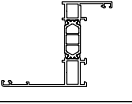
Note:  = profilo non a stock
profile no stock

Elenco Profili - Profiles List

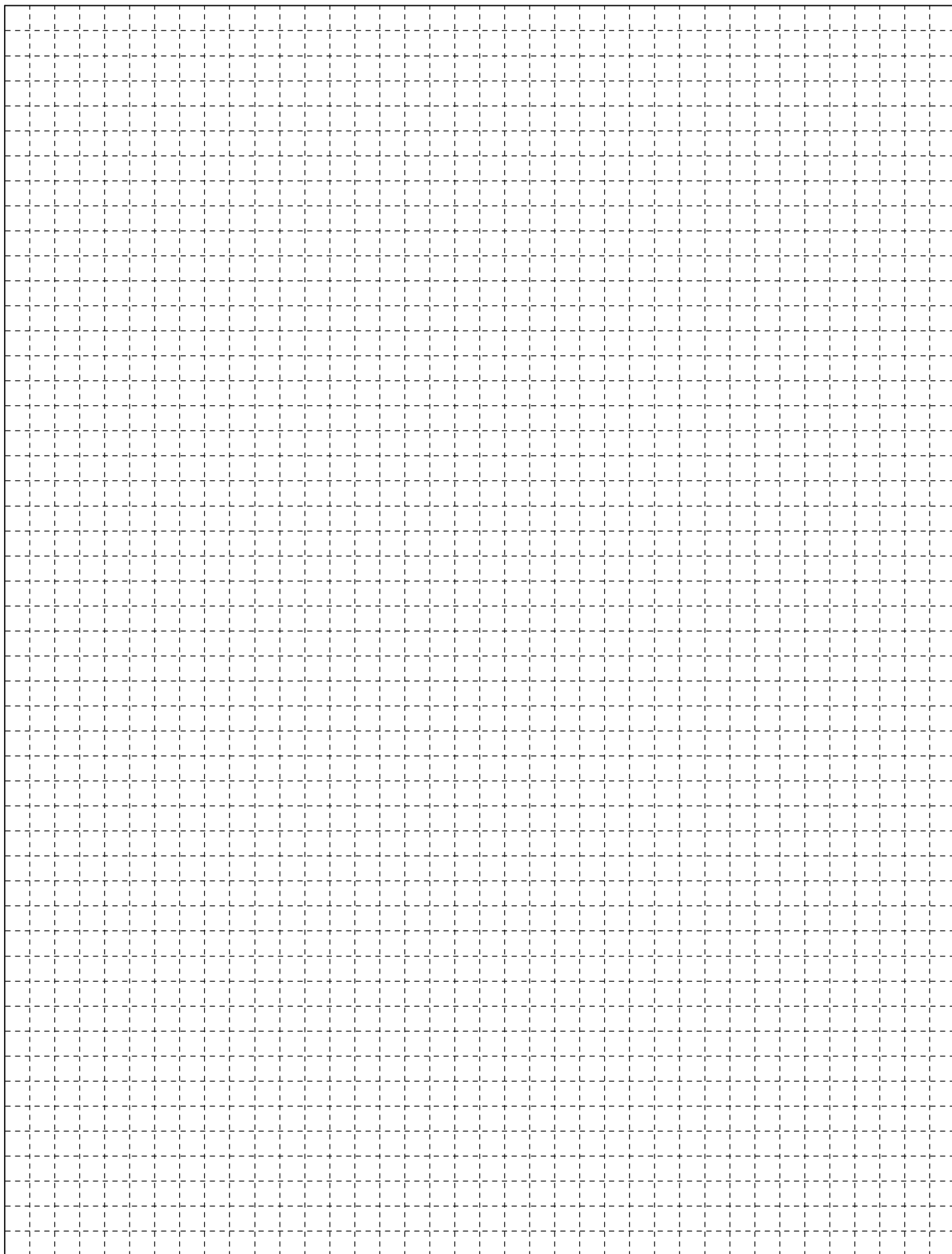
SIGLA CODE	PROFILO PROFILE	PESO Kg/m WEIGHT Kg/m	IMPIEGO USE	PAGINA PAGE
TTP801		1.121	Telaio fisso L <i>L-fixed frame</i>	4-01a
TTP802		1.258	Telaio fisso Z <i>Z-fixed frame</i>	4-01a
TTP803		1.293	Profilo "T" telaio e traverso <i>T Fixed/Transom frame</i>	4-02
TTP804		1.264	Telaio fisso L <i>L-fixed frame</i>	4-06
TTP805		1.401	Telaio fisso Z <i>Z-fixed frame</i>	4-06
TTP812		1.321	"T" 55 mm per ante <i>T profile 55 mm. for wings</i>	4-03
TTP815		1.339	Anta <i>Wing</i>	4-02
TTP816		1.212	"T" 55 mm per telai fissi <i>T profile 55 mm. for fixed frames</i>	4-10
TTP818		1.358	Anta linea Ferro <i>Steel line wing</i>	4-05
TTP819		1.598	Anta "T" per nodo centrale linea Ferro <i>T-Steel line wing for central node</i>	4-04
TTP820		1.461	Battuta riportata <i>Central rabet</i>	4-04
TTP821		1.650	Zoccolo riportato <i>Lower additional transom</i>	4-05
TTP823		1.280	Anta Strutturale <i>Structural Wing</i>	4-12
TTP824		1.576	Anta "T" per nodo centrale <i>T Wing for central node</i>	4-03
TTP826		1.600	T da 55 mm. per ante linea Ferro <i>Steel line T profile 55 mm. for wings</i>	4-08

Note: = profilo non a stock
profile no stock

Elenco Profili - Profiles List

SIGLA CODE	PROFILO PROFILE	PESO Kg/m WEIGHT Kg/m	IMPIEGO USE	PAGINA PAGE
TTP827		1.351	Anta sagomata <i>Shaped wing</i>	4-07
TTP828		1.665	T anta sagomata <i>T-shaped wing</i>	4-07
TTP829		1.554	Telaio fisso T Medio <i>T-Medium fixed frame</i>	4-08
TTP830		2.189	Anta "Z" porte <i>Z-Wing for doors</i>	4-09
TTP831		1.838	Zoccolo da 83 mm per porte <i>Lower transom 83 mm for doors</i>	4-09
TTP832		1.504	Profilo "T" telaio e traverso sagomato <i>T Fixed/Transom frame Shaped</i>	4-12
TTP833		1.780	Zoccolo da 83 mm per telai fissi <i>Lower transom 83 mm for fixed frames</i>	4-10
TTP834		1.382	T anta con vetro strutturale <i>T-structural glass wing</i>	4-13
TTP840		2.220	Anta "T" maggiorata apertura esterna <i>Oversized "T" wing for outward opening</i>	4-11
TTP841		1.244	Inversione di battuta per porte <i>Inversion of rabet for doors</i>	4-11
TTP842		0.817	Soglia ribassata <i>Lowered threshold</i>	4-12
TTP843		1.483	Battuta riportata porte <i>Door's central rabet</i>	4-13
TTP845		1.483	Telaio fisso L con aletta maggiorata <i>L-fixed frame with oversized flap</i>	4-01b

Note:  = profilo non a stock
profile no stock

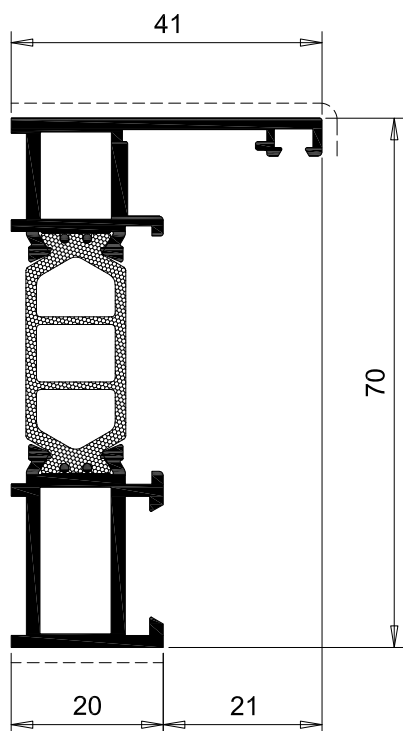


PROFILI IN SCALA 1:1



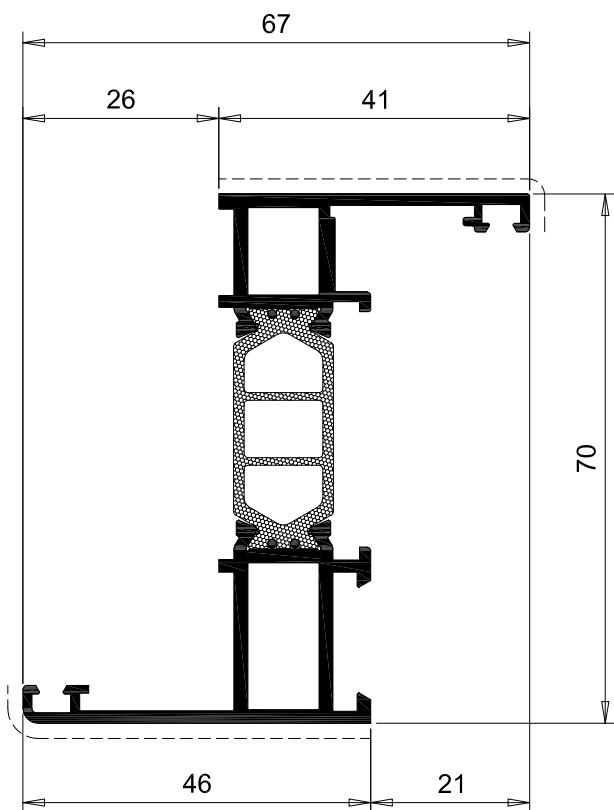
PROFILE 1:1

Profili 1:1 - Profiles 1:1



TTP801	TELAIO FISSO L L-FIXED FRAME		Y X — X Y	
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	1.121	301	67	23.36 3.09

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	-	-

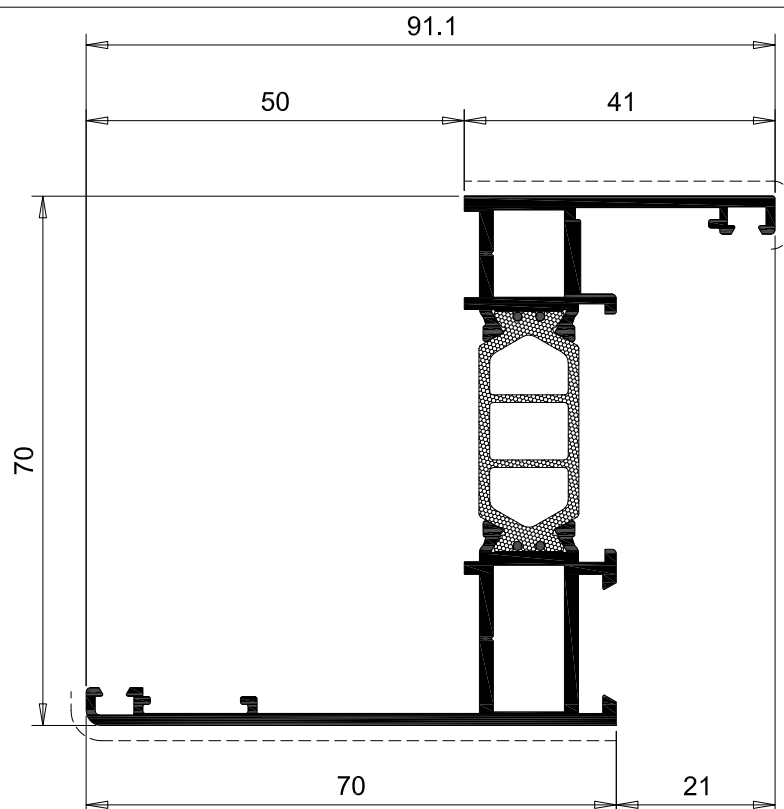


TTP802	TELAIO FISSO Z Z-FIXED FRAME		Y X — X Y	
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	1.258	371	93	29.41 6.54

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



TTP845		TELAIO FISSO Z CON ALETTA MAGGIORATA Z-FIXED FRAME WITH OVERSIZED FLAP		
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y
Kg/m	mm	mm	cm ⁴	cm ⁴
1.371	422	117	33.46	16.41

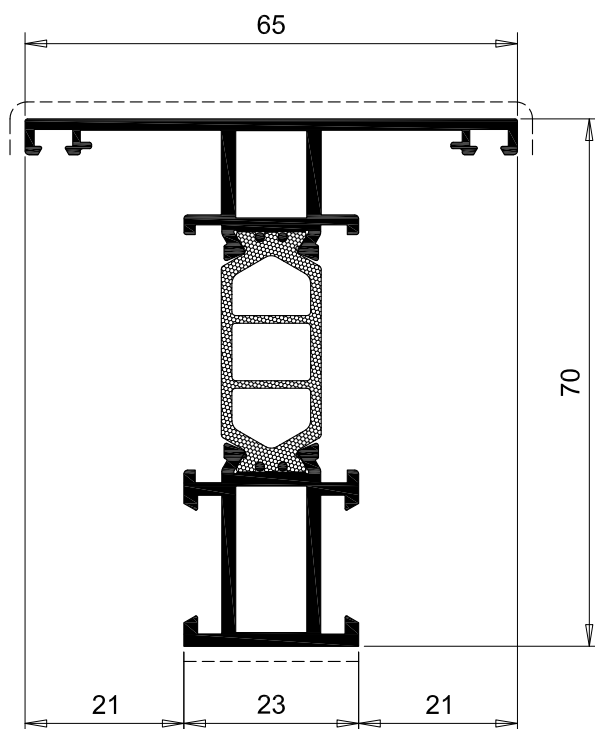
ACCESSORI / ACCESSORIES

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.
653-040.4	EA-0147	-	-

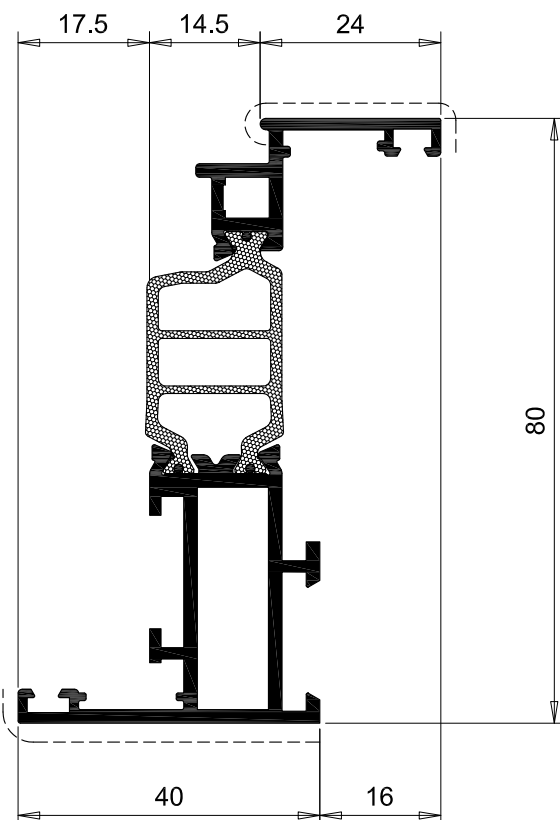
Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1



TTP803	PROFILO "T" TELAIO E TRAVERSO "T" FIXED FRAME/TRANSOM		Y X — X Y		
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y
	Kg/m	mm	mm	cm ⁴	cm ⁴
	1.293	394	96	28.36	6.21
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.		
-	174-1591	-	-		

ACCESSORI / ACCESSORIES		
CAVALLOTTI / T-JOINT		
INT.	EXT.	
	ANTA / WING	TELAIO / FIXED FRAME
EA-0296	-	EA-0187

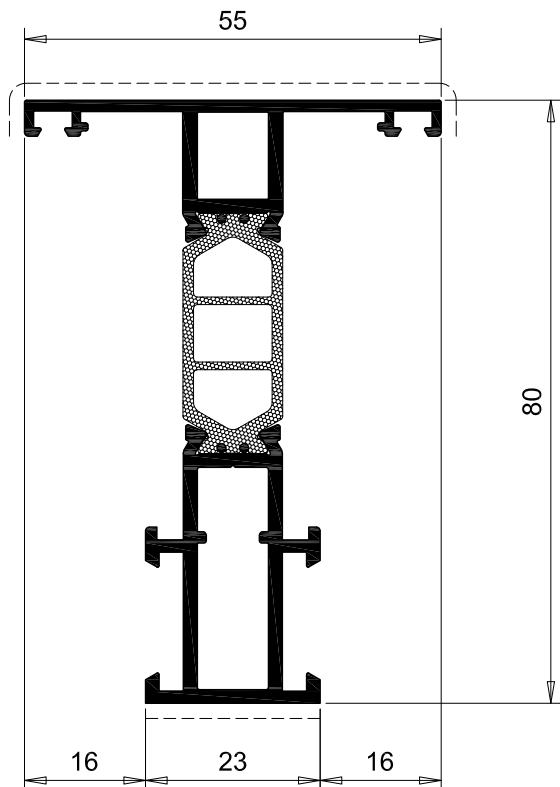


TTP815			ANTA WING		Y X — X Y	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y		
Kg/m	mm	mm	cm ⁴	cm ⁴		
1.339	376	93	33.36	4.55		

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.
653-040.4	EA-0148	-	-

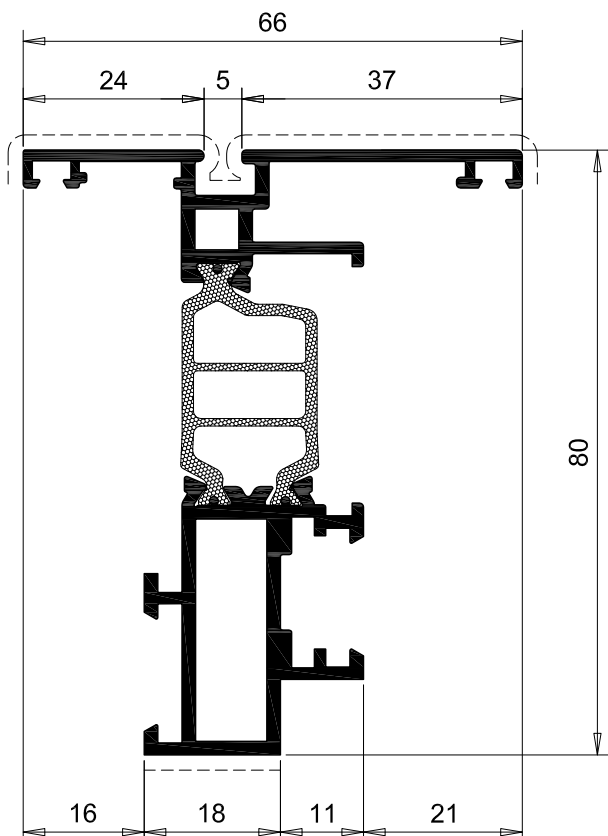
Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1



TTP812	T DA 55 mm. PER ANTE <i>T PROFILE 55 mm. FOR WINGS</i>				
	PESO <i>WEIGHT</i>	PERIMETRO <i>PERIMETER</i>	SUP. VISTA <i>SHOWN SURF.</i>	J _x	J _y
	Kg/m	mm	mm	cm ⁴	cm ³
	1.321	463	88	37.26	4.35

ACCESSORI / ACCESSORIES		
CAVALLOTTI / T-JOINT		
INT.	EXT.	
	ANTA / WING	TELAIO / FIXED FRAME
EA-0296	-	EA-0162

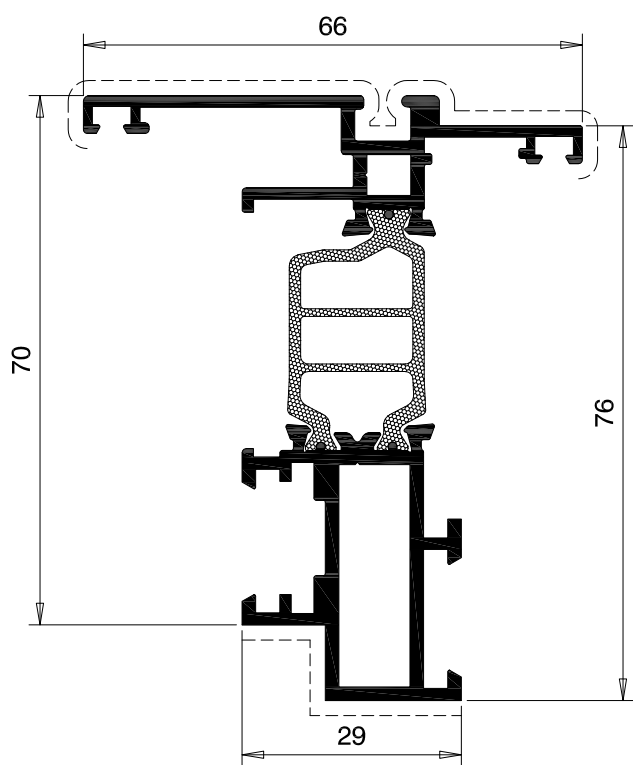


TTP824	ANTA "T" PER NODO CENTRALE <i>T-WING FOR CENTRAL NODE</i>				
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y
	Kg/m	mm	mm	cm ⁴	cm ⁴
	1.576	477	110	41.63	7.61

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	-	-

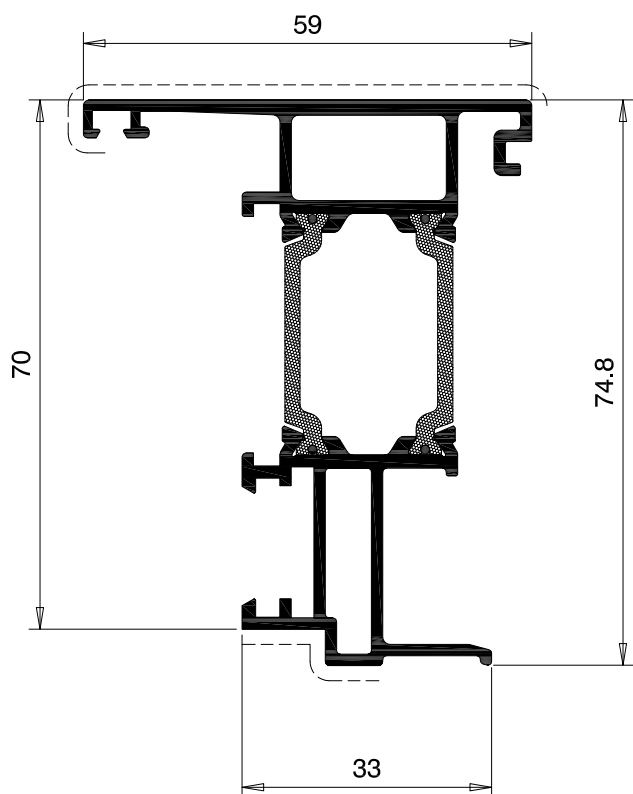
Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1



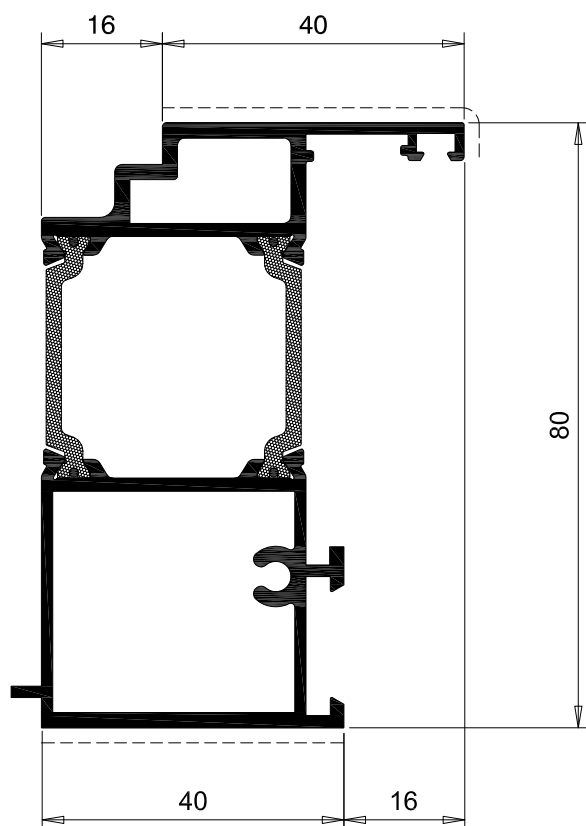
TTP819	"T" ANTA LINEA FERRO STEEL LINE "T" WING FOR CENTRAL NODE			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y
Kg/m	mm	mm	cm ⁴	cm ⁴
1.598	505	155	41.39	7.75

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CANFRINARE/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	-	-

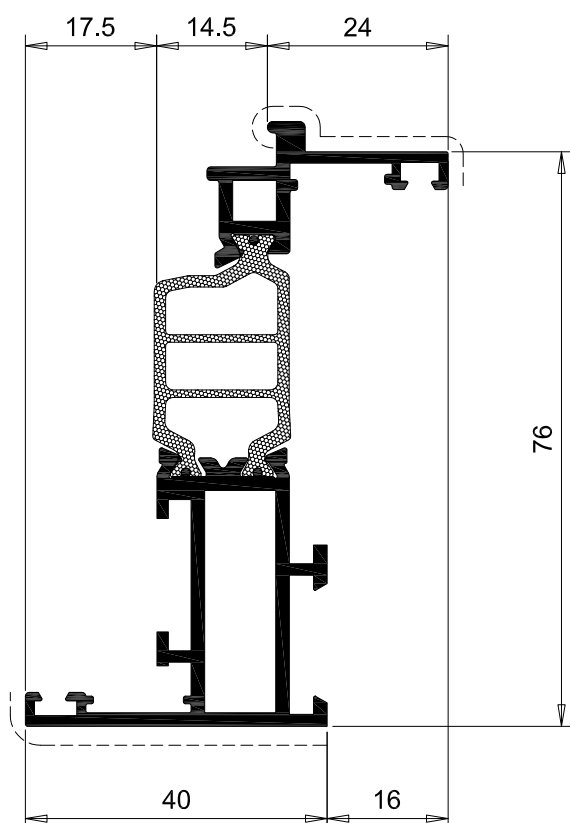


TTP820	BATTUTA RIPORTATA CENTRAL RABET			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y
Kg/m	mm	mm	cm ⁴	cm ⁴
1.461	407	91	34.40	7.49

Profili 1:1 - Profiles 1:1



TTP821	ZOCOLO RIPORTATO LOWER ADDITIONAL TRANSOM			
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	1.650	328	87	44.94 11.38

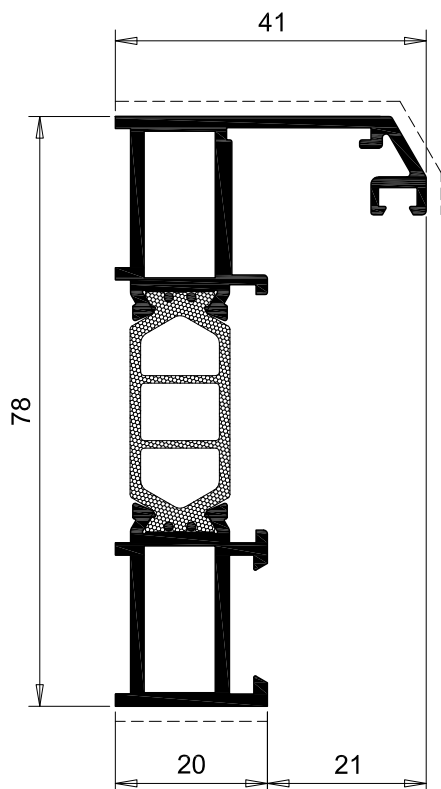


TTP818	ANTA LINEA FERRO STEEL LINE WING			
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	1.358	374	89	33.44 4.59

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.
653-040.4	EA-0148	-	-

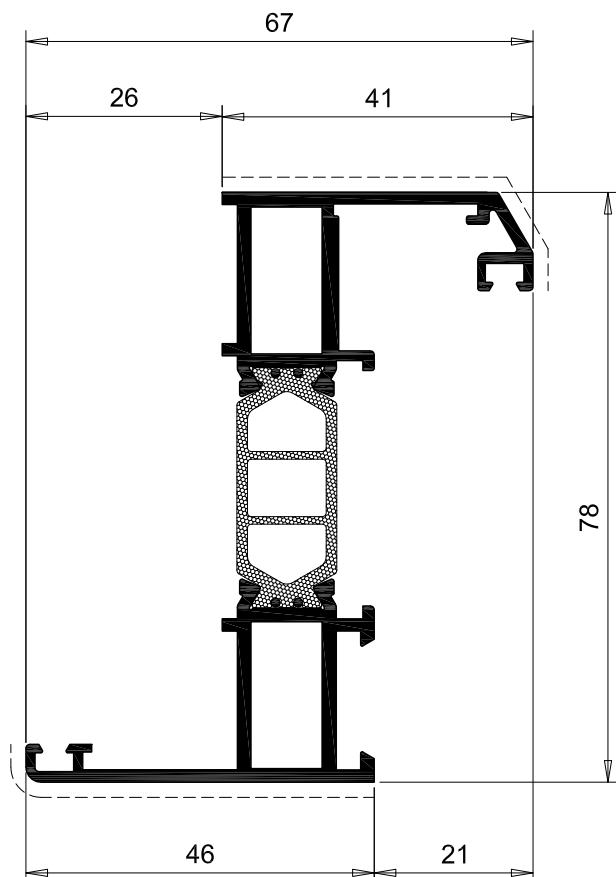
Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1



TTP804	TELAIO FISSO L L-FIXED FRAME			
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	
	Kg/m	mm	mm	J _x J _y cm ⁴ cm ⁴
	1.264	339	71	31.60 4.42

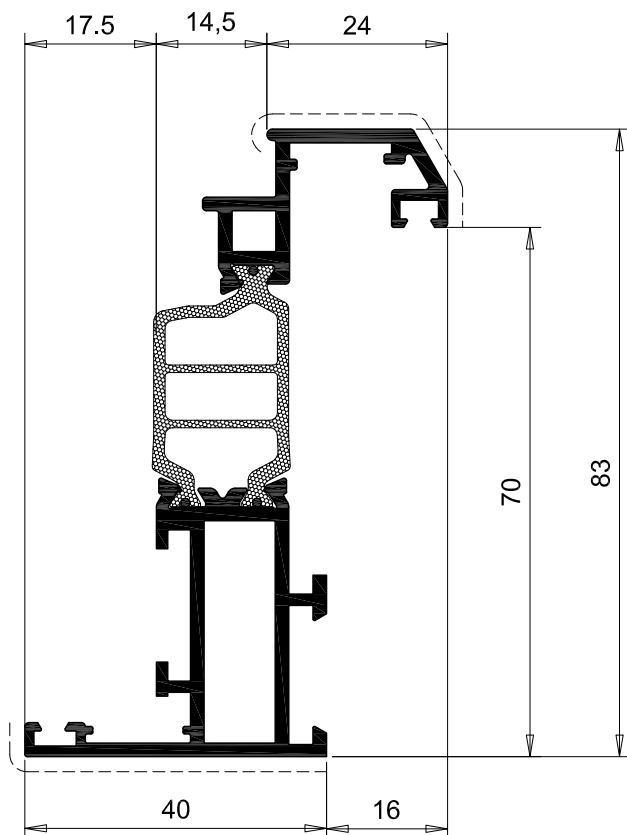
ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.		EXT.	
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0115	EA-0115 + EA-0117	EA-0115 + EA-0118	EA-0115 + EA-0118
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0147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



TTP805	TELAIO FISSO Z Z-FIXED FRAME			
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	
	Kg/m	mm	mm	J _x J _y cm ⁴ cm ⁴
	1.401	410	102	39.67 8.03

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 + EA-0118
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0147	-	-

Profili 1:1 - Profiles 1:1

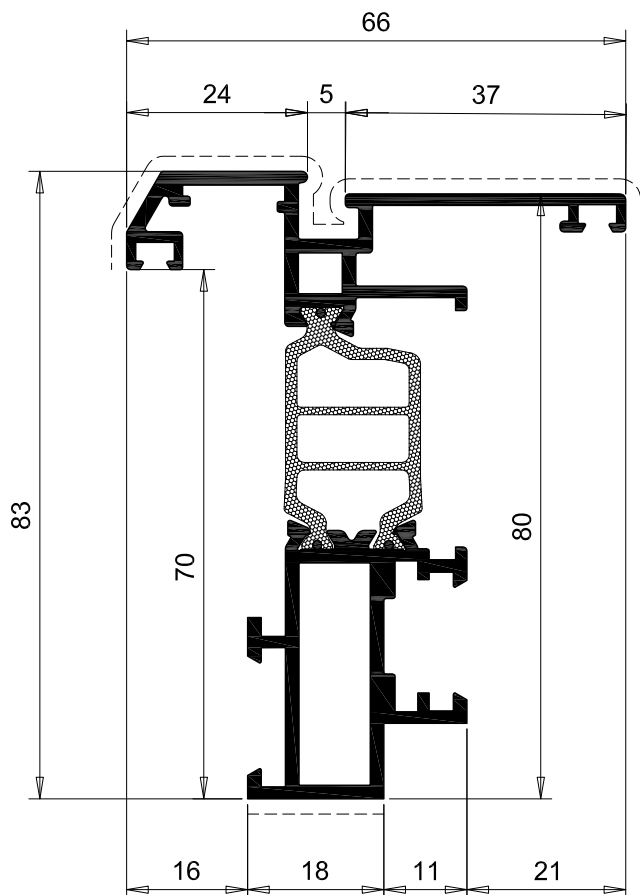


TTP827	ANTA SAGOMATA SHAPED WING		Y X — X Y	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y
Kg/m	mm	mm	cm ⁴	cm ⁴
1.425	407	97	39.96	5.86

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.	
653-040.4	EA-0148	-	-	



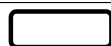
TTP828	T ANTA SAGOMATA T- SHAPED WING		Y X — X Y	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y
Kg/m	mm	mm	cm ⁴	cm ⁴
1.665	513	118	45.64	9.30

ACCESSORI / ACCESSORIES

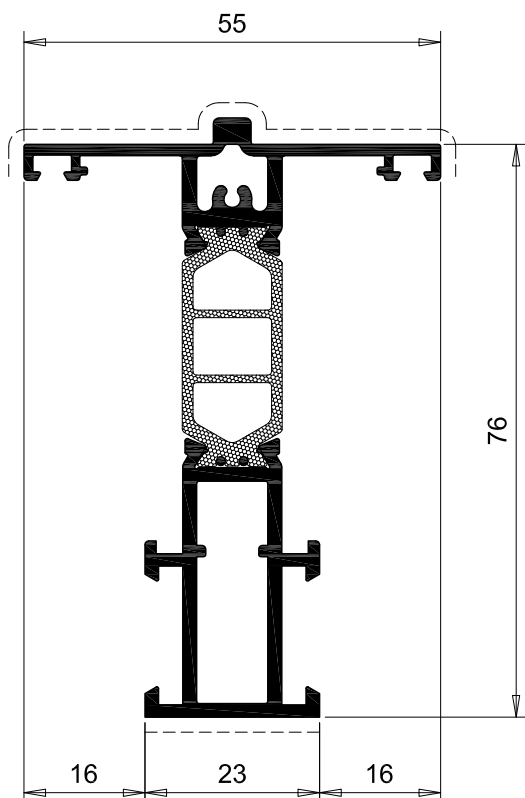
SQUADRETTE / CORNER JOINT

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

 = profilo non a stock
profile no stock

Profili 1:1 - Profiles 1:1

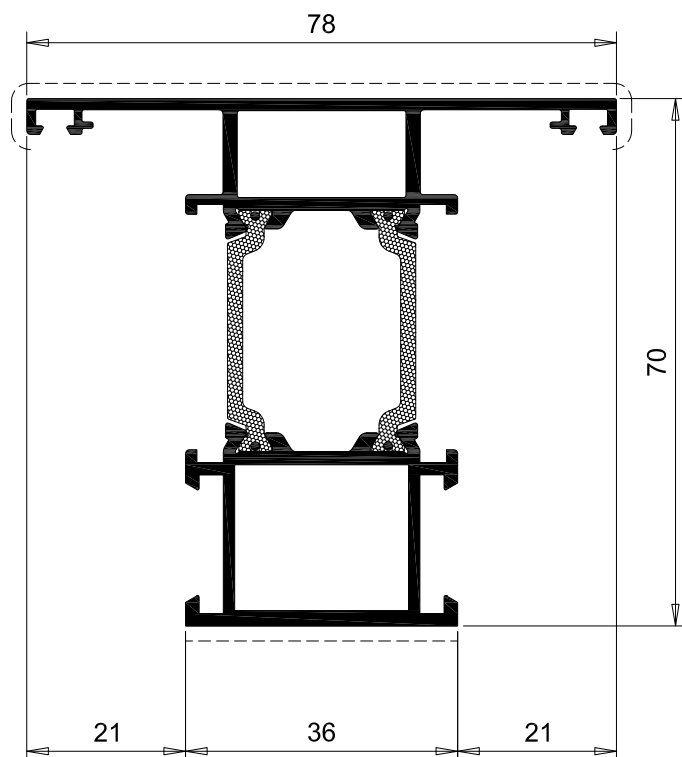


TTP826	T DA 55 mm. PER ANTE LINEA FERRO STEEL LINE WINGS T PROFILE 55 mm.		Y X—X Y	
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	1.351	365	96	35.24 4.30

ACCESSORI / ACCESSORIES

CAVALLOTTI / T-JOINT

INT.	EXT.	
	ANTA / WING	TELAIO / FIXED FRAME
EA-0296	-	-



TTP829	TELAIO FISSO / TRAVERSO MEDIO MEDIUM FIXED FRAME / TRANSOM		Y X—X Y	
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	1.554	473	137	34.88 12.92

ACCESSORI / ACCESSORIES

SQUADRETTE / CORNER JOINT

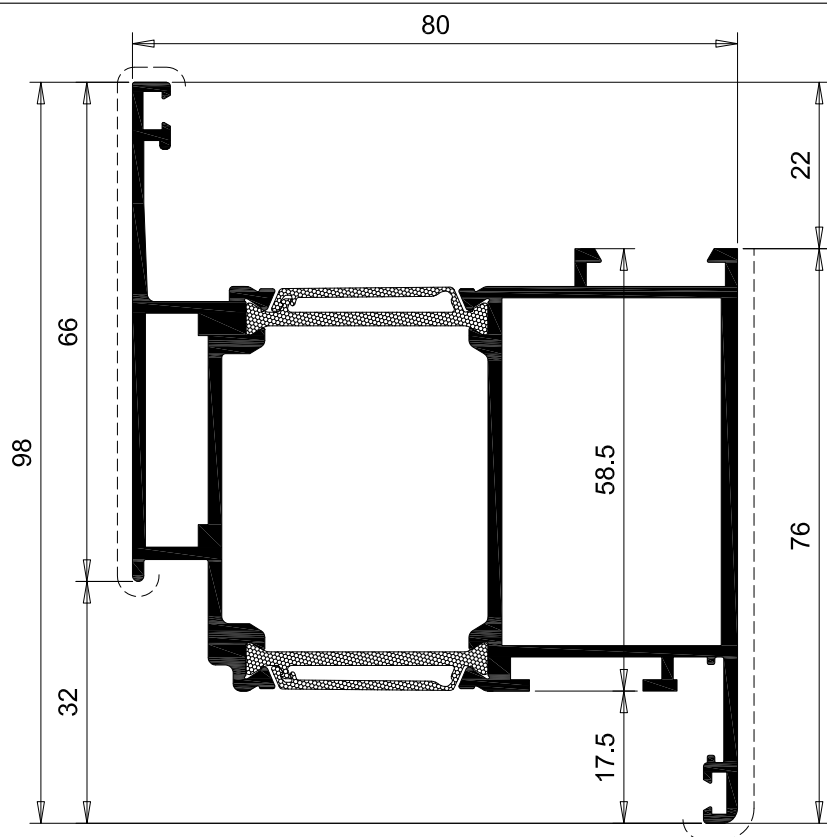
INT.		EXT.	
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
174-1803	-	174-1803	*153-0059
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	174-1591	-	-

CAVALLOTTI / T-JOINT

INT.	EXT.	
	ANTA / WING	TELAIO / FIXED FRAME
EA-0412	-	EA-0413

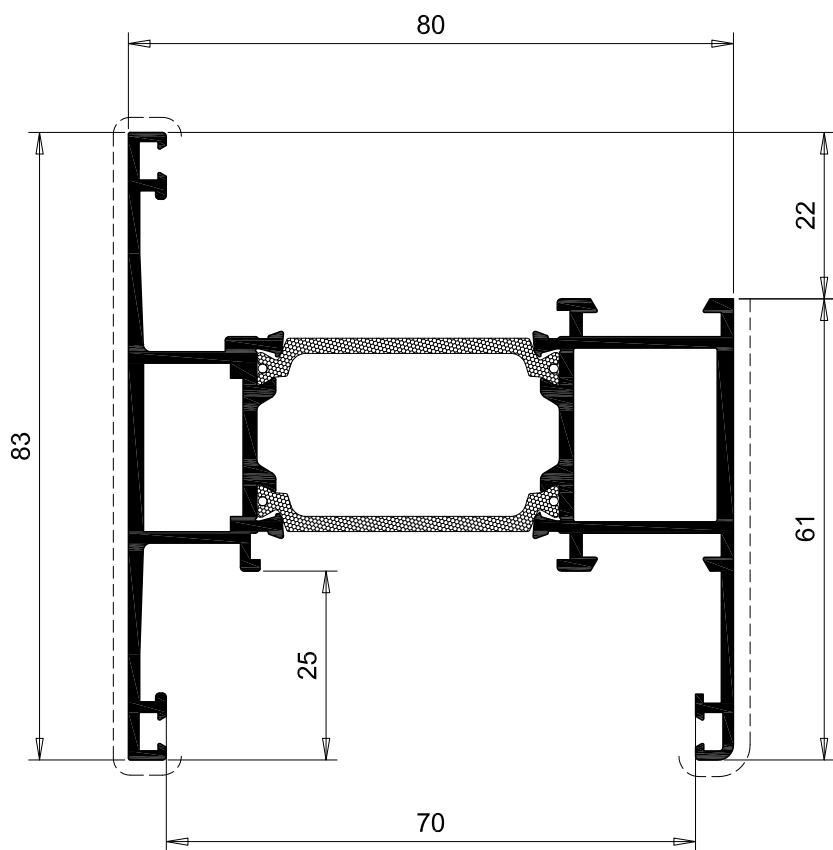
Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1



TTP830	ANTA "Z" PORTE OVERSIZE Z-WING FOR DOOR			
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	
	Kg/m	mm	mm	J _x J _y
	2.189	461	173	36.95 65.92

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
174-1806	-	174-1806	EA-0398
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
653-040.4	174-1591	-	-

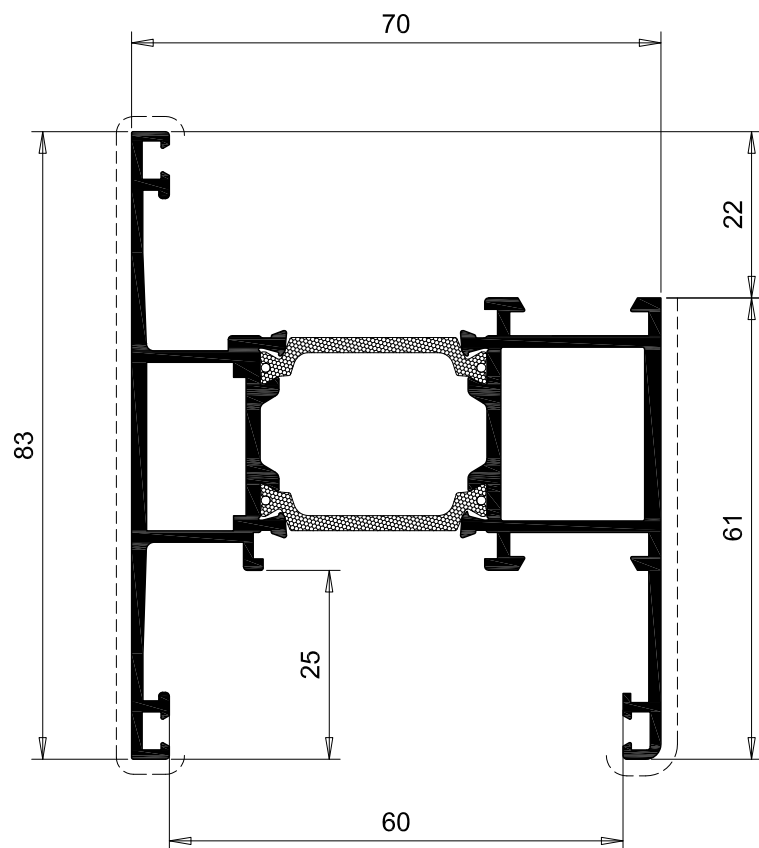


TTP831	ZOCOLO DA 83 MM PER PORTE LOWER TRANSOM 83 MM FOR DOORS			
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	
	Kg/m	mm	mm	J _x J _y
	1.838	508	158	19.91 61.19

ACCESSORI / ACCESSORIES	
CAVALLOTTI / T-JOINT	
INT.	EXT. ANTA / WING
EA-0412	EA-0413 + 174-1591

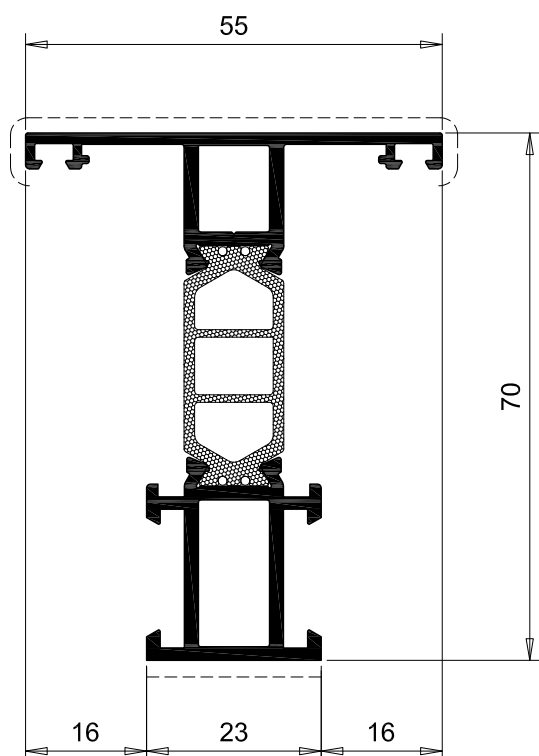
Note: * = possibilità di fissaggio con spina art. EA-0119
joint fixing available with pin art. EA-0119

Profili 1:1 - Profiles 1:1



TTP833	ZOCOLO DA 83 MM PER TELAI FISSI LOWER TRANSOM 83 MM FOR FIXED FRAMES		Y X — X Y	
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	1.780	488	158	19.87 44.35

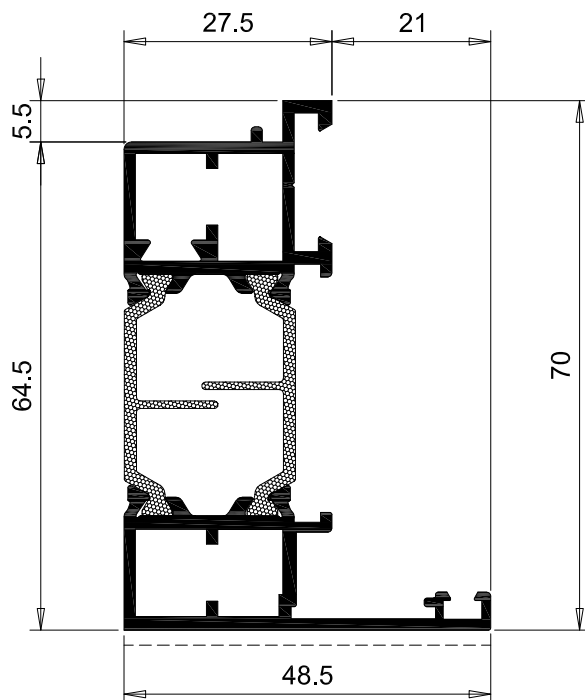
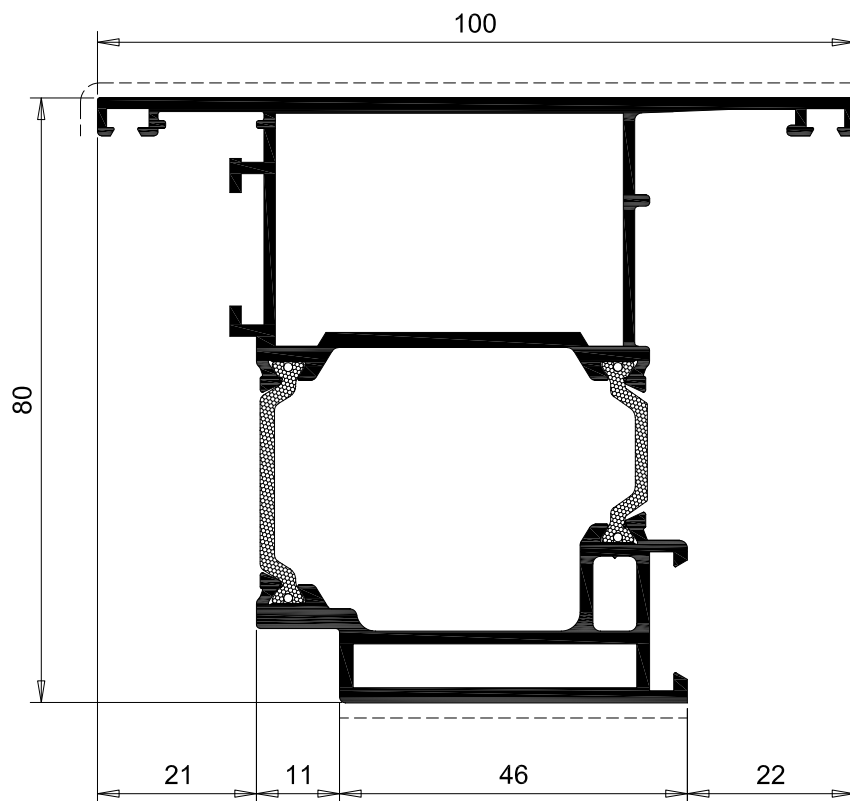
ACCESSORI / ACCESSORIES	
CAVALLOTTI / T-JOINT	
INT.	EXT. TELAIO / FRAME
EA-0412	EA-0413



TTP816	PROFILO "T" DA 55 MM PER TELAI FISSI TRANSOM 55 MM FOR FIXED FRAMES		Y X — X Y	
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	1.212	348	88	26.70 4.22

ACCESSORI / ACCESSORIES	
CAVALLOTTI / T-JOINT	
INT.	EXT. TELAIO / FRAME
EA-0296	EA-0187

Profili 1:1 - Profiles 1:1



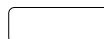
TTP840		ANTA "T" MAGGIORATA APERTURA ESTERNA OVERSIZED "T" WING FOR OUTWARD OPENINGS			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y	
Kg/m	mm	mm	cm ⁴	cm ⁴	
2.220	462	157	69.93	40.33	

ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
153-0062	-	153-0062 + EA-0143	174-1806
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	653-040.4 174-1591	-	-

TTP841		INVERSIONE DI BATTUTA PER PORTE INVERSION OF RABET FOR DOORS			
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x	J _y	
Kg/m	mm	mm	cm ⁴	cm ⁴	
1.244	305	48.5	24.75	5.58	

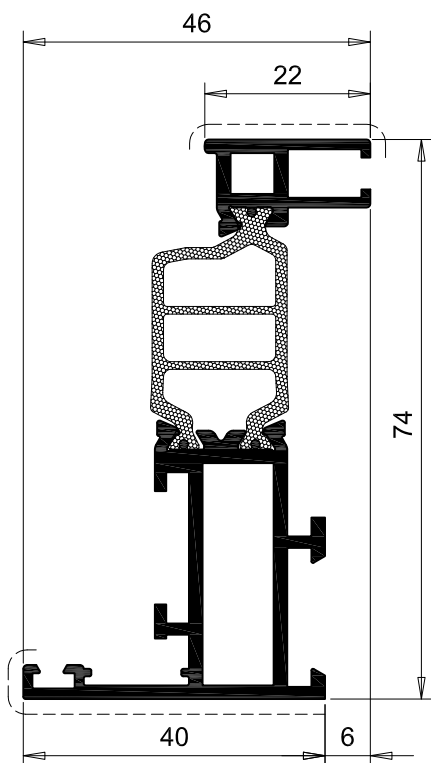
ACCESSORI / ACCESSORIES			
SQUADRETTE / CORNER JOINT			
INT.			EXT.
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
EA-0114	-	EA-0114 + EA-0119	
ALLINEAMENTO / ALIGNMENT		ANG. VAR. / ADJUST. CORNER	
INT.	EXT.	INT.	EXT.
-	EA-0147	-	-

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



= profilo non a stock
profile no stock

Profili 1:1 - Profiles 1:1

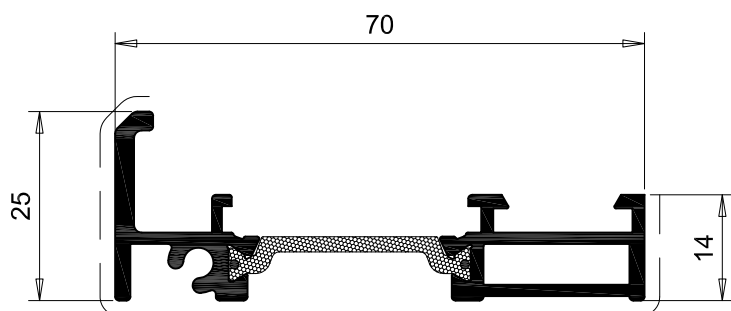


TTP823	ANTA STRUTTURALE STRUCTURAL WING		Y X—X Y	
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	1.280	369	72	25.68 3.36

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.
653-040.4	-	-	-

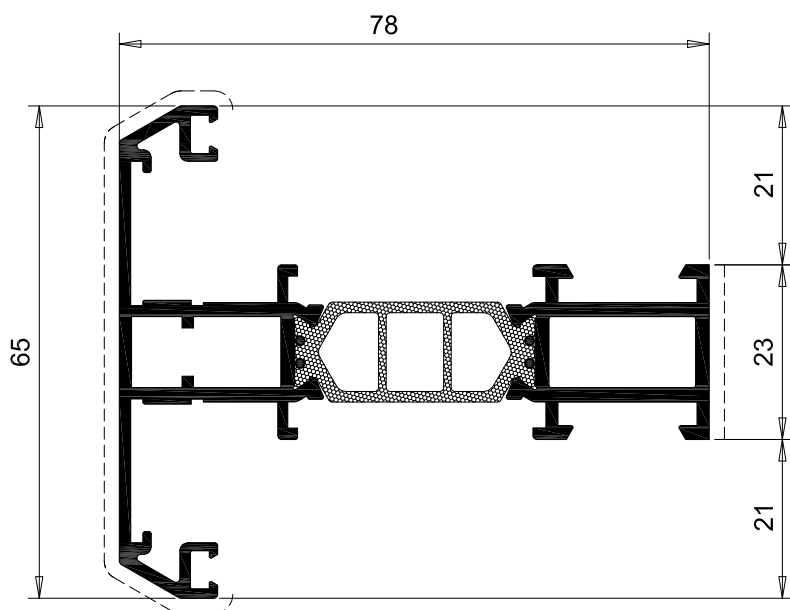


TTP842	SOGLIA RIDOTTA SMALL THRESHOLD		Y X—X Y	
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	0.817	268	48	0.88 17.93

ACCESSORI / ACCESSORIES

SQUADRETTE / CORNER JOINT

INT.		EXT.	
CIANFRINARE CALKING	AVVITARE SCREWING	SPINARE PINNING	CIANFRINARE/SPINARE CALKING/PINNING
-	EA-0432	-	-



TTP832	PROFILO "T" TELAIO E TRAVERSO SAGOMATO "T" FIXED FRAME/TRANSOM SHAPE		Y X—X Y	
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J _x J _y
	Kg/m	mm	mm	cm ⁴ cm ⁴
	1.507	464	131	9.76 39.02

ACCESSORI / ACCESSORIES

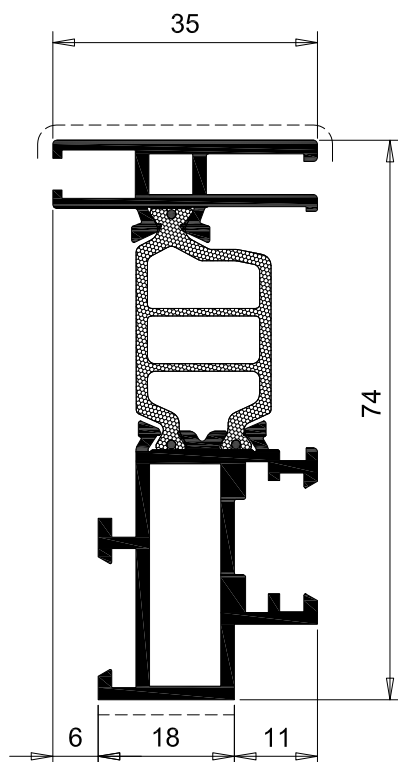
CAVALLOTTI / T-JOINT

INT.	EXT.	
	ANTA / WING	TELAIO / FIXED FRAME
EA-0296	-	EA-0187

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

 = profilo non a stock
profile no stock

Profili 1:1 - Profiles 1:1

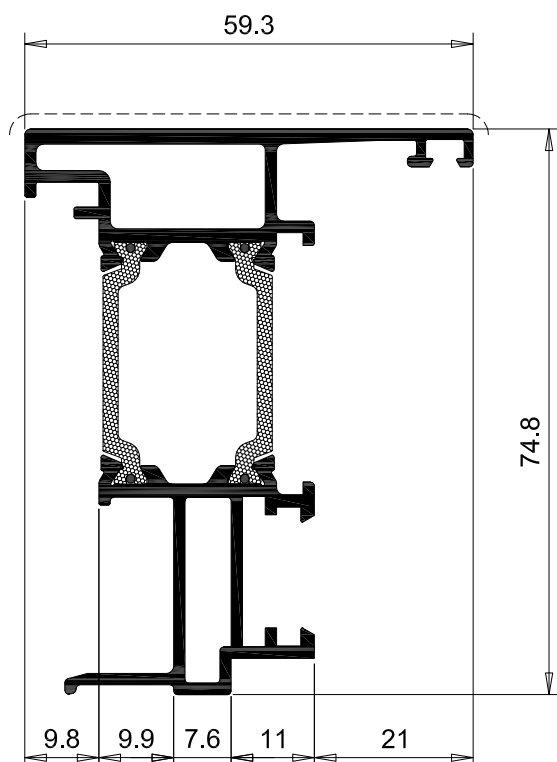


TTP834	"T" ANTA STRUTTURALE "T" STRUCTURAL WING			
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J_x J_y
	Kg/m	mm	mm	cm^4 cm^4
	1.382	380	57	28.38 2.99

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	-	-

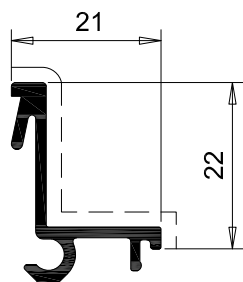


TTP843	BATTUTA RIPORTATA PORTE DOOR CENTRAL RABET			
	PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.	J_x J_y
	Kg/m	mm	mm	cm^4 cm^4
	1.483	392	60	34.77 7.77

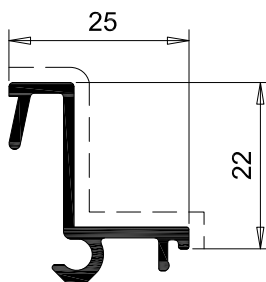
**TAPPO DI TENUTA CENTRALE /
CENTRALE SEAL PLUG**

EA-0436

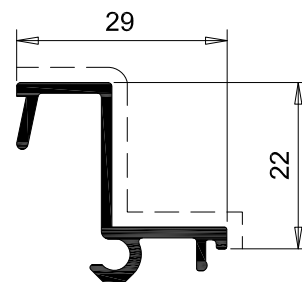
Profili 1:1 - Profiles 1:1



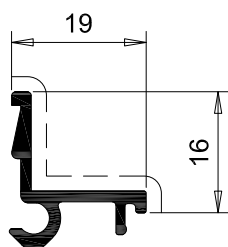
24676	FERMAVETRO DA 21 mm GLASS BEADING 21 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.251	118	42



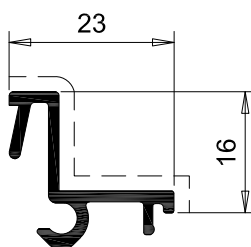
26561	FERMAVETRO DA 25 mm GLASS BEADING 25 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.262	130	46



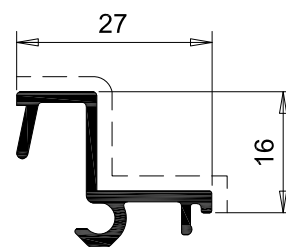
26562	FERMAVETRO DA 29 mm GLASS BEADING 29 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.275	138	51



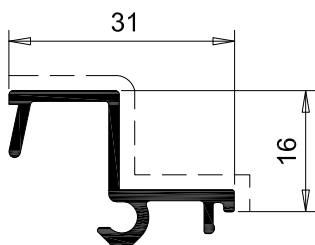
26572	FERMAVETRO DA 19 mm GLASS BEADING 19 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.196	94	34



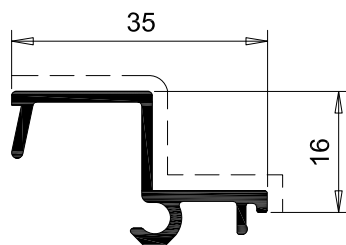
26563	FERMAVETRO DA 23 mm GLASS BEADING 23 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.232	114	38



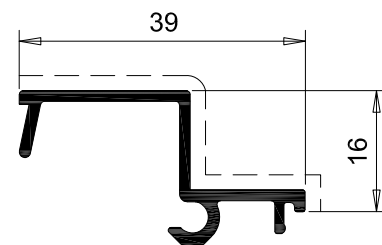
26564	FERMAVETRO DA 27 mm GLASS BEADING 27 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.246	122	42



26565	FERMAVETRO DA 31 mm GLASS BEADING 31 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.262	130	46



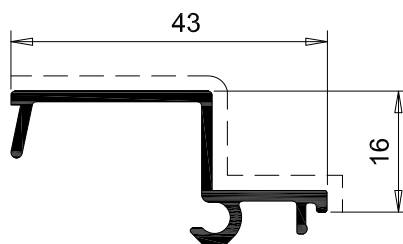
26566	FERMAVETRO DA 35 mm GLASS BEADING 35 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.275	138	50



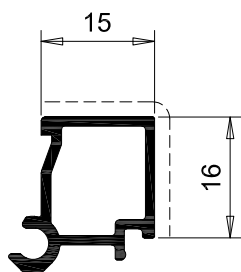
26567	FERMAVETRO DA 39 mm GLASS BEADING 39 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.292	146	54

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)

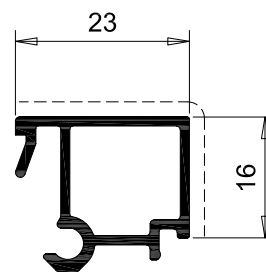
Profili 1:1 - Profiles 1:1



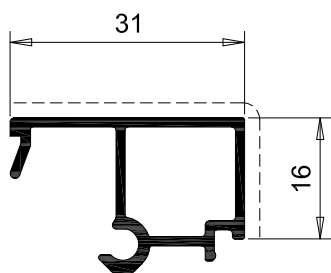
26633	FERMAVETRO DA 39 mm GLASS BEADING 39 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.308	156	57



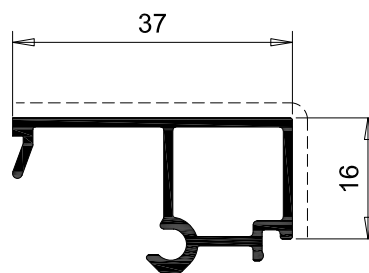
32200	FERMAVETRO DA 15 mm GLASS BEADING 15 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.256	89	31



24612	FERMAVETRO DA 23mm GLASS BEADING 23 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.300	113	39

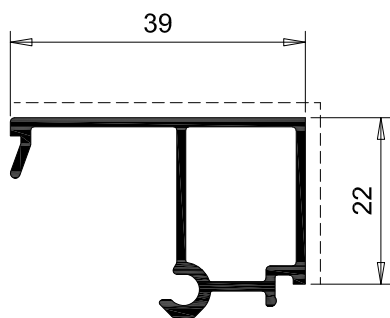


24611	FERMAVETRO DA 31 mm GLASS BEADING 31 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.327	129	47

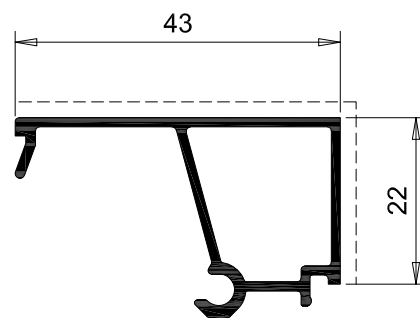


32201	FERMAVETRO DA 37 mm GLASS BEADING 37 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.346	141	53

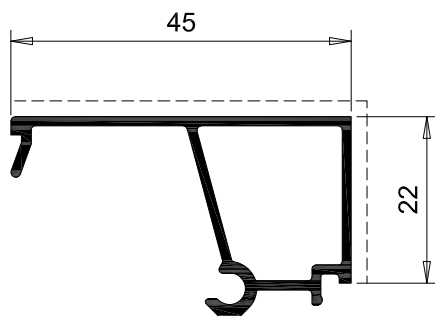
Profili 1:1 - Profiles 1:1



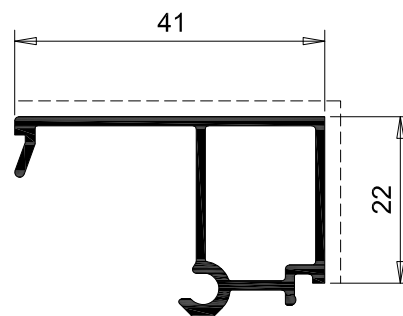
24558	FERMAVETRO DA 39 mm GLASS BEADING 39 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.392	157	61



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

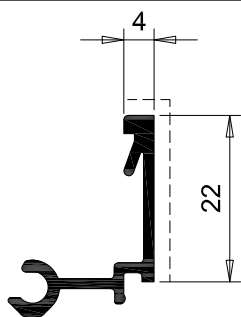


24561	FERMAVETRO DA 45 mm GLASS BEADING 45 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.414	163	67

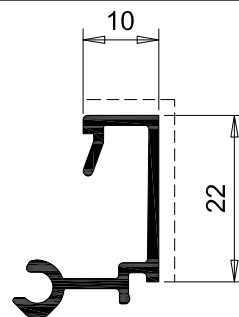


24559	FERMAVETRO DA 41 mm GLASS BEADING 41 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.399	159	63

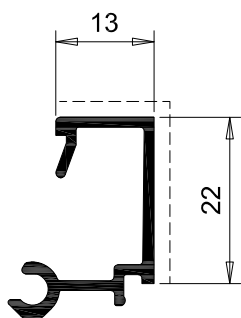
Profili 1:1 - Profiles 1:1



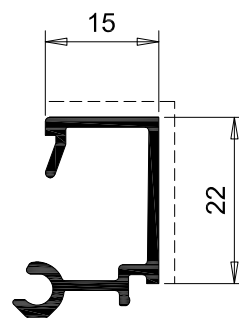
24565	FERMAVETRO DA 4 mm GLASS BEADING 4 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.233	115	26



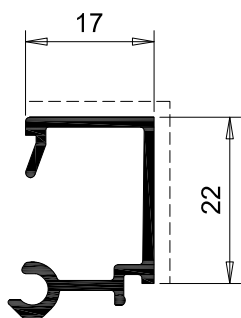
24566	FERMAVETRO DA 10 mm GLASS BEADING 10 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.255	133	32



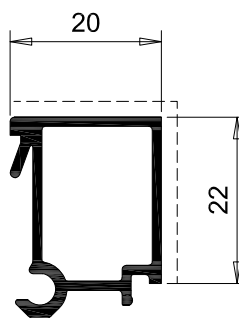
24567	FERMAVETRO DA 13 mm GLASS BEADING 13 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.265	139	35



24568	FERMAVETRO DA 15 mm GLASS BEADING 15 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.272	143	37



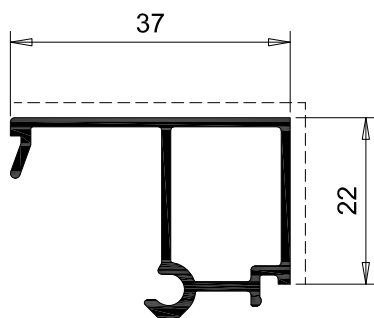
24569	FERMAVETRO DA 17 mm GLASS BEADING 17 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.279	147	39



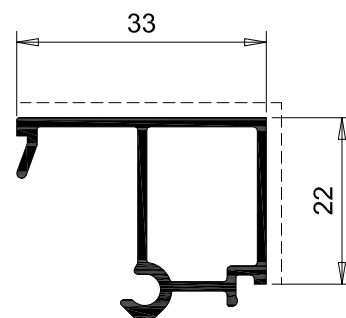
24570	FERMAVETRO DA 20 mm GLASS BEADING 20 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.332	114	42

 = profilo non a stock
profile no stock

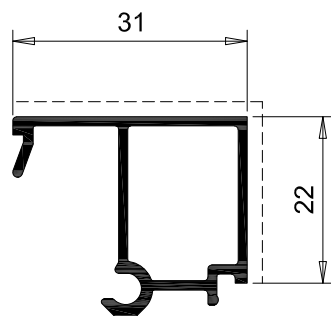
Profili 1:1 - Profiles 1:1



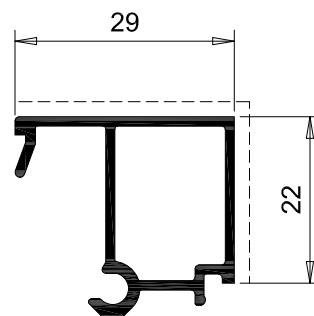
24557	FERMAVETRO DA 37 mm GLASS BEADING 37 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.385	153	59



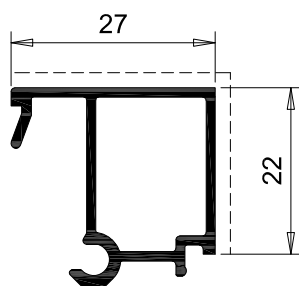
24556	FERMAVETRO DA 33 mm GLASS BEADING 33 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.372	145	55



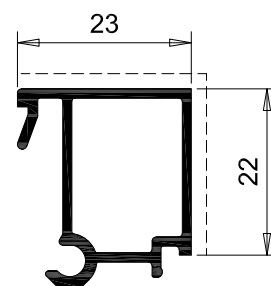
24528	FERMAVETRO DA 31 mm GLASS BEADING 31 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.366	141	53



24573	FERMAVETRO DA 29 mm GLASS BEADING 29 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.359	137	51



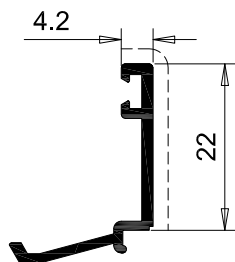
24572	FERMAVETRO DA 27 mm GLASS BEADING 27 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.354	133	49



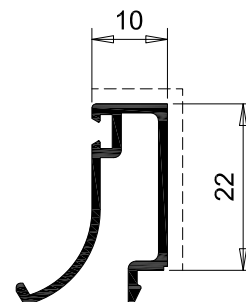
24571	FERMAVETRO DA 23 mm GLASS BEADING 23 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.340	125	45

 = profilo non a stock
profile no stock

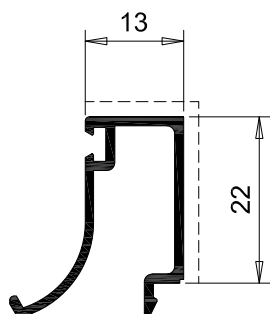
Profili 1:1 - Profiles 1:1



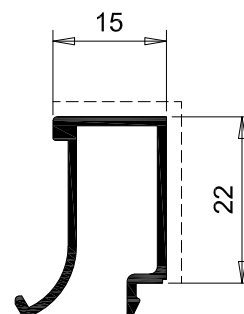
4293	FERMAVETRO DA 4 mm GLASS BEADING 4 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.183	102	25



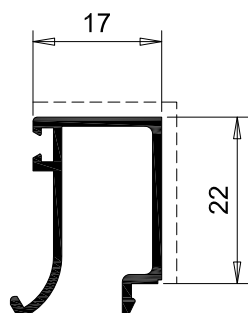
16185	FERMAVETRO DA 10 mm GLASS BEADING 10 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.237	150	31



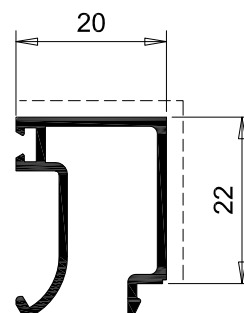
16186	FERMAVETRO DA 13 mm GLASS BEADING 13 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.243	152	35



19712	FERMAVETRO DA 15 mm GLASS BEADING 15 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.242	149	36



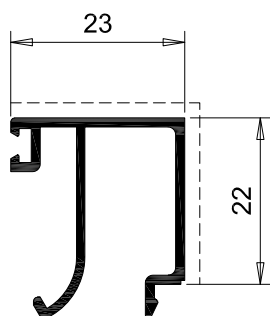
16189	FERMAVETRO DA 17 mm GLASS BEADING 17 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.252	159	39



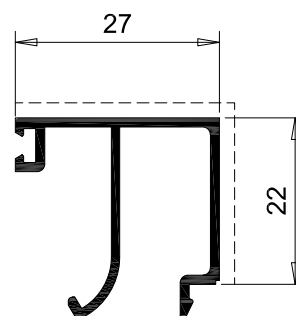
22618	FERMAVETRO DA 20 mm GLASS BEADING 20 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.271	170	42

 = profilo non a stock
profile no stock

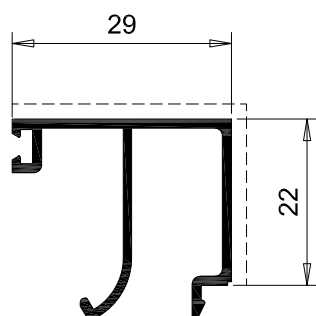
Profili 1:1 - Profiles 1:1



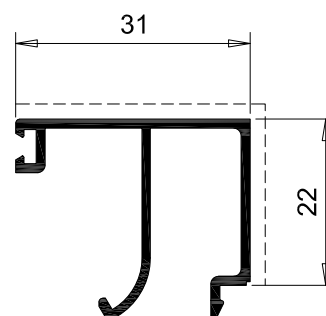
16191	FERMAVETRO DA 23 mm GLASS BEADING 23 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.290	183	44



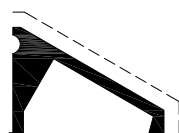
16193	FERMAVETRO DA 27 mm GLASS BEADING 27 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.303	190	48



16195	FERMAVETRO DA 29 mm GLASS BEADING 29 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.310	195	50



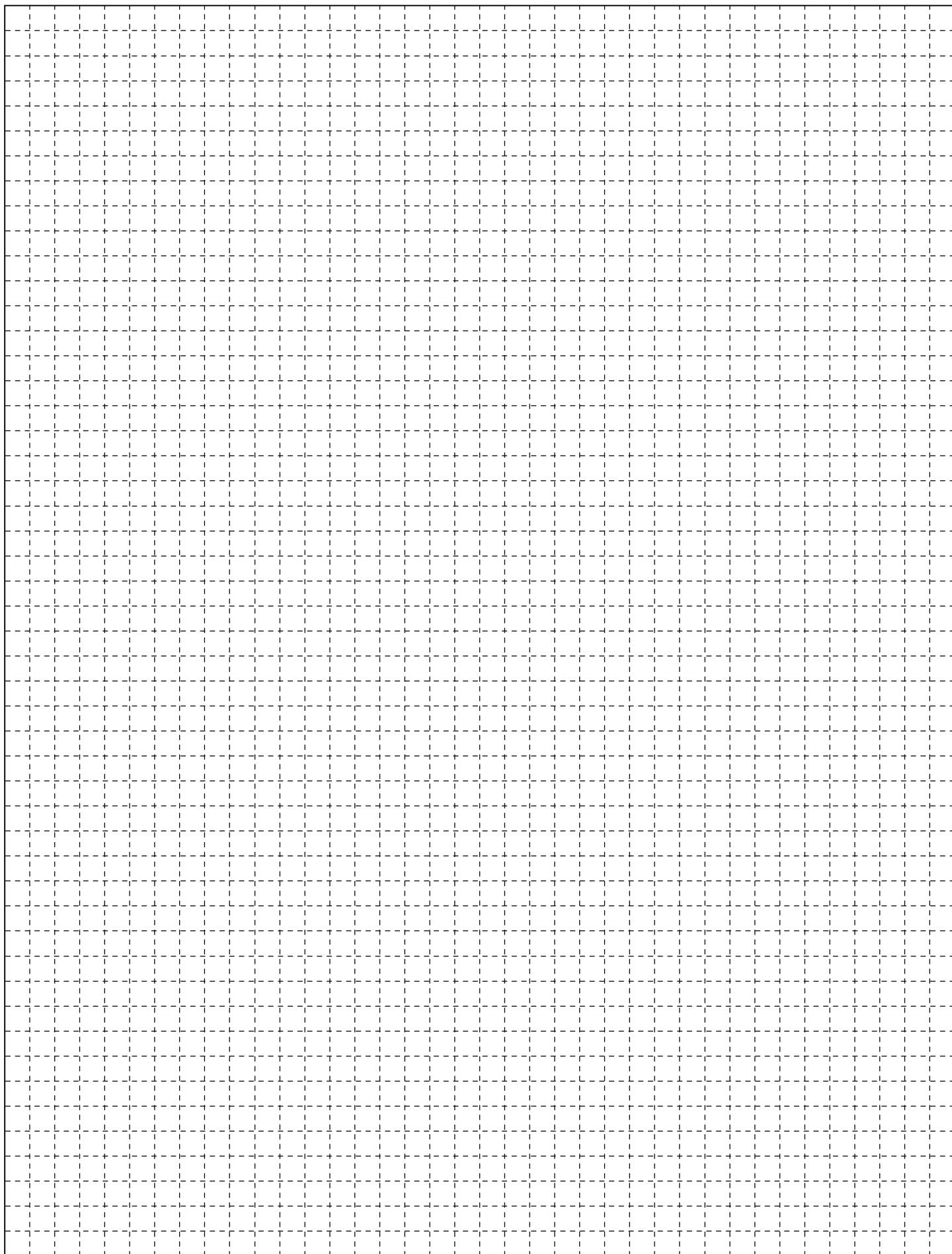
16197	FERMAVETRO DA 31 mm GLASS BEADING 31 mm	
PESO WEIGHT	PERIMETRO PERIMETER	SUP. VISTA SHOWN SURF.
Kg/m	mm	mm
0.316	199	52



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



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

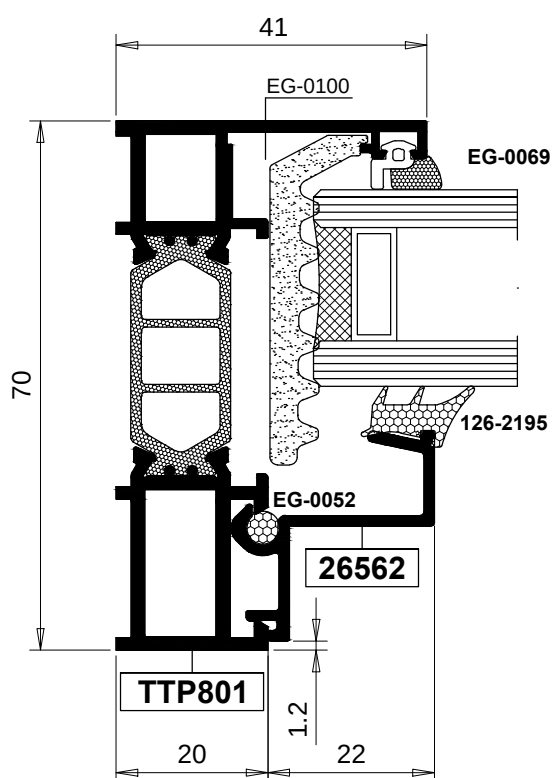
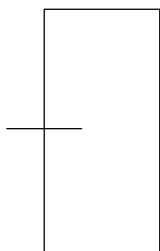


SEZIONI IN SCALA 1:1

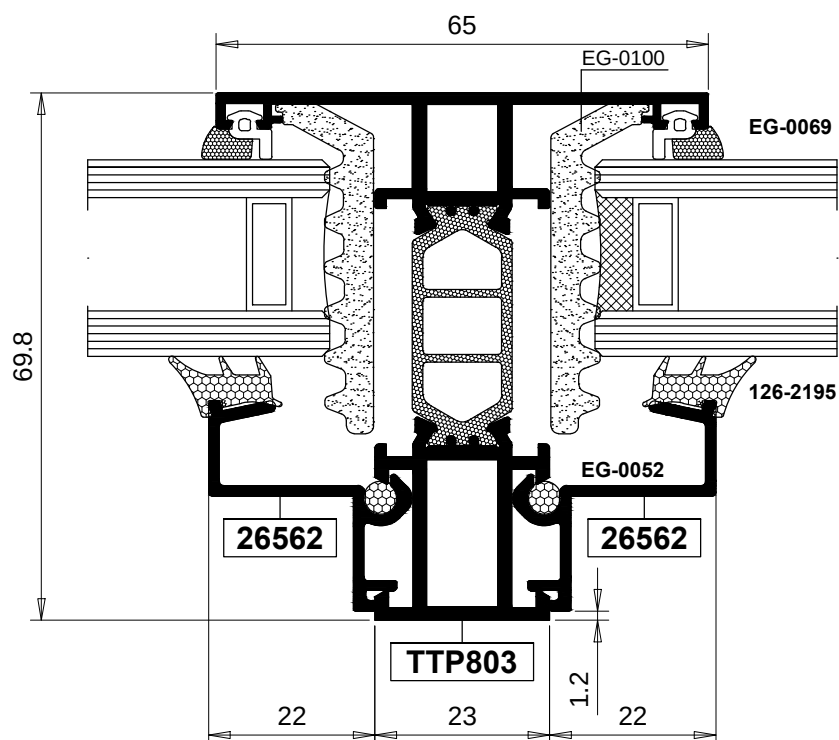
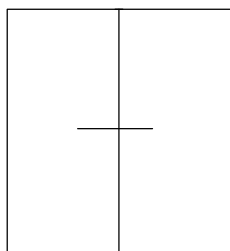


CROSS SECTIONS 1:1

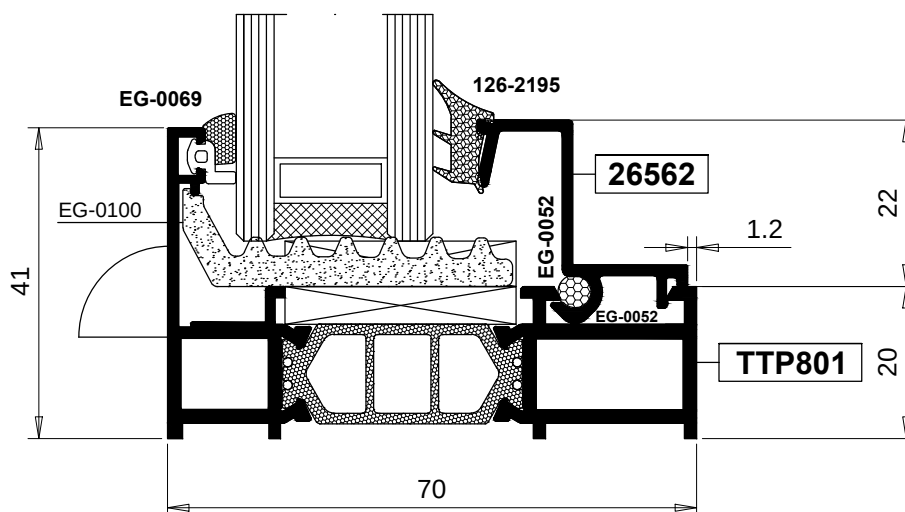
Sezioni 1:1 - Cross sections 1:1



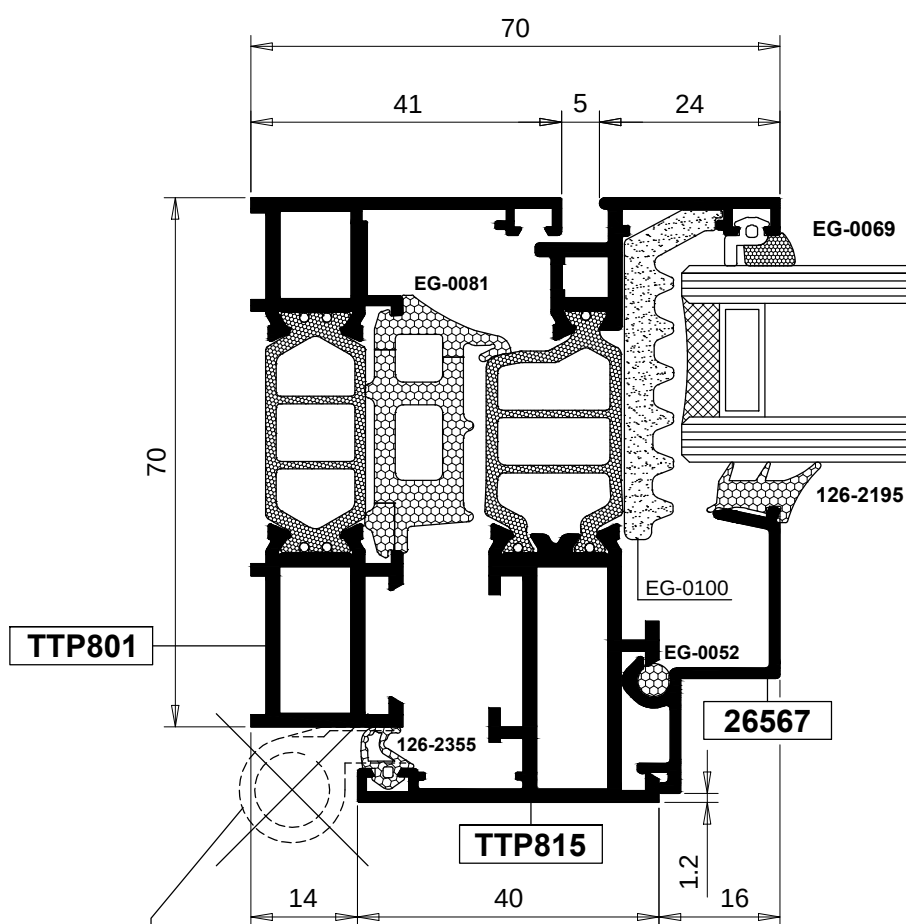
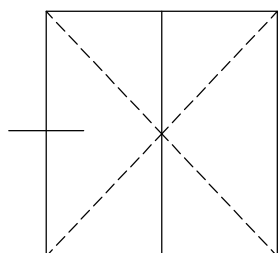
Sezioni 1:1 - Cross sections 1:1



Sezioni 1:1 - Cross sections 1:1

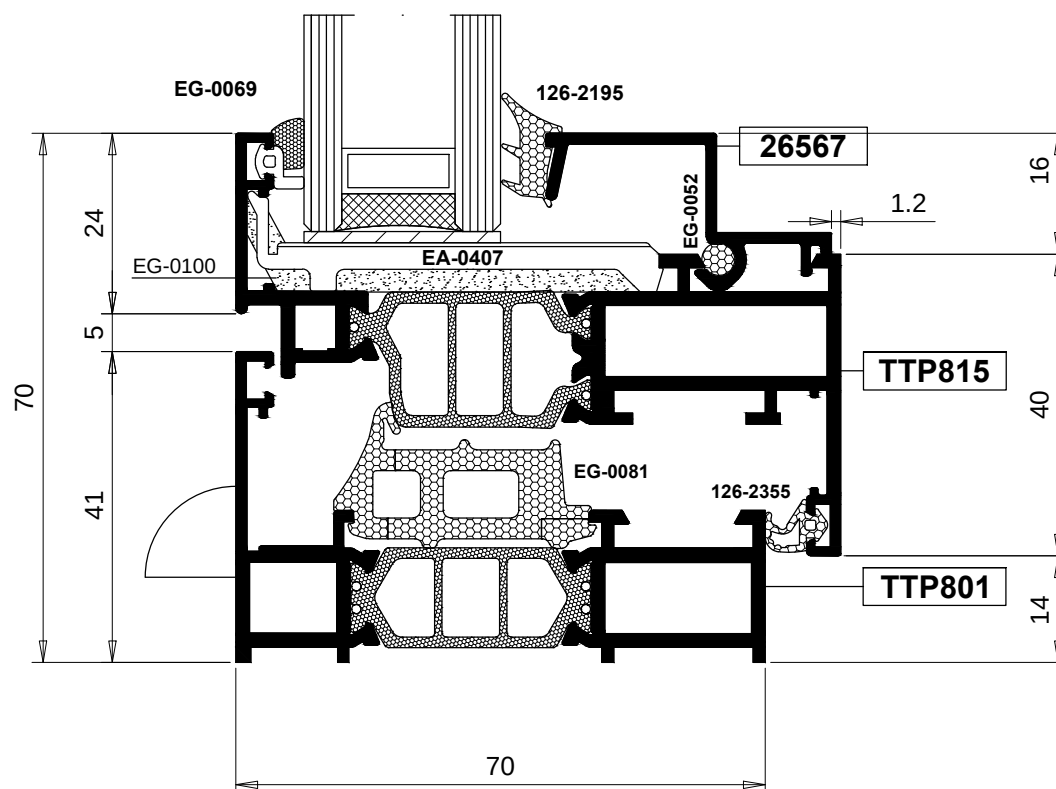
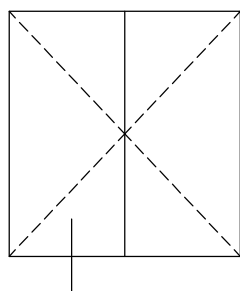


Sezioni 1:1 - Cross sections 1:1

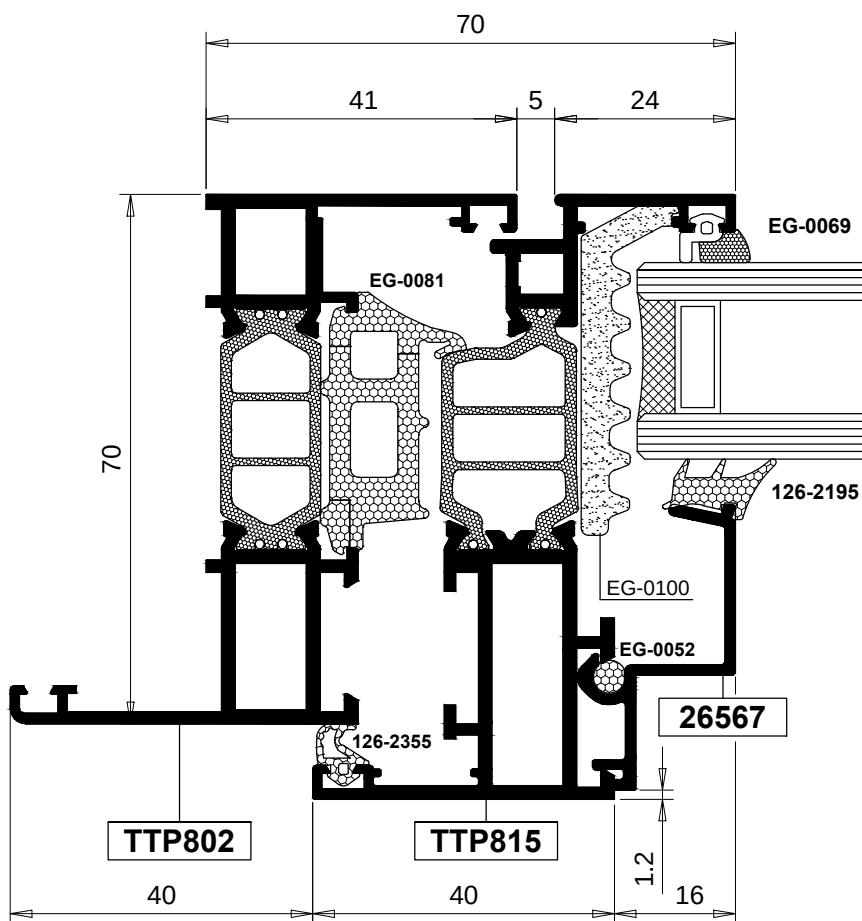
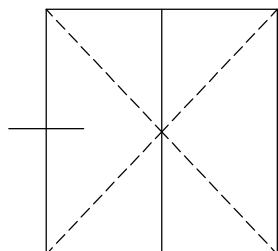


ATTENZIONE: con i profili telaio ad "L" è possibile utilizzare SOLO cerniere a scomparsa
CAUTION: with the "L" fixed frame profiles it is possible to use ONLY hidden hinges

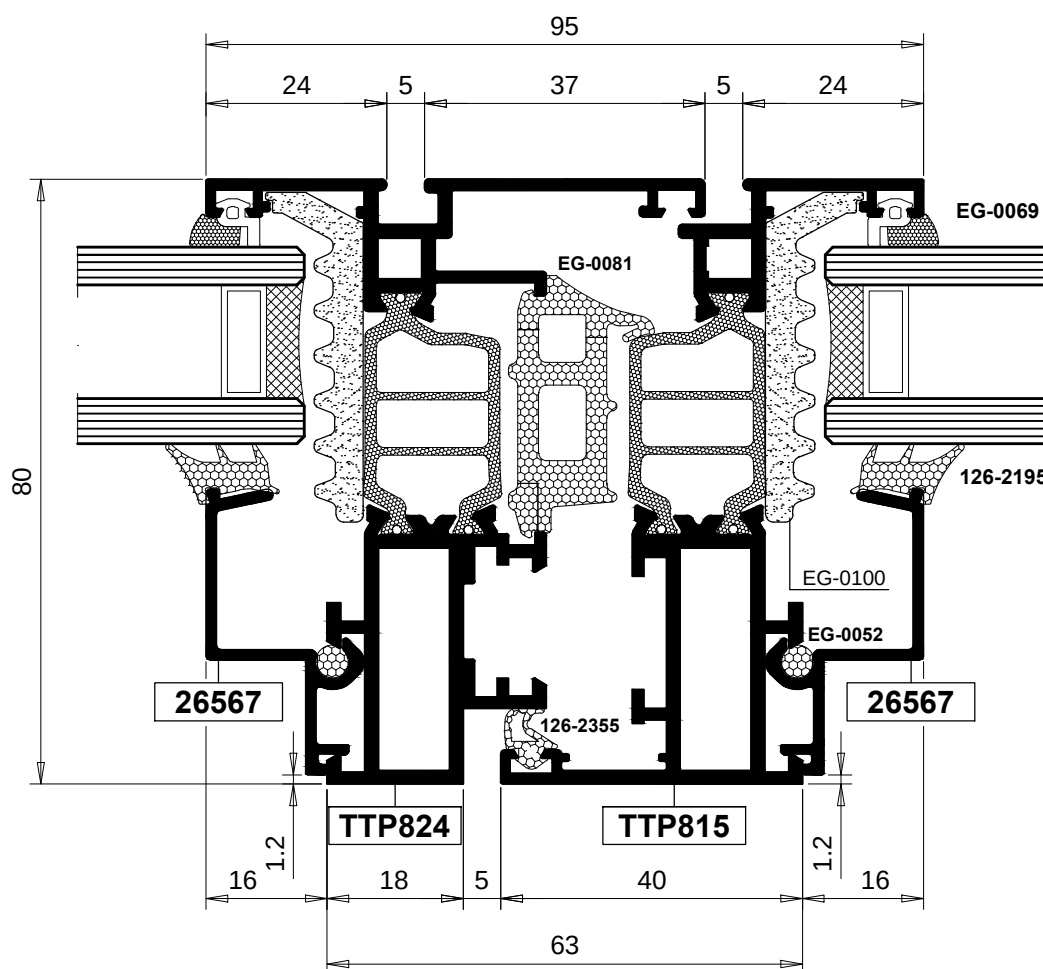
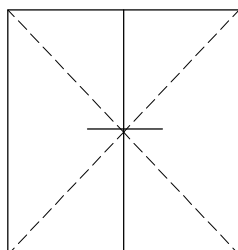
Sezioni 1:1 - Cross sections 1:1



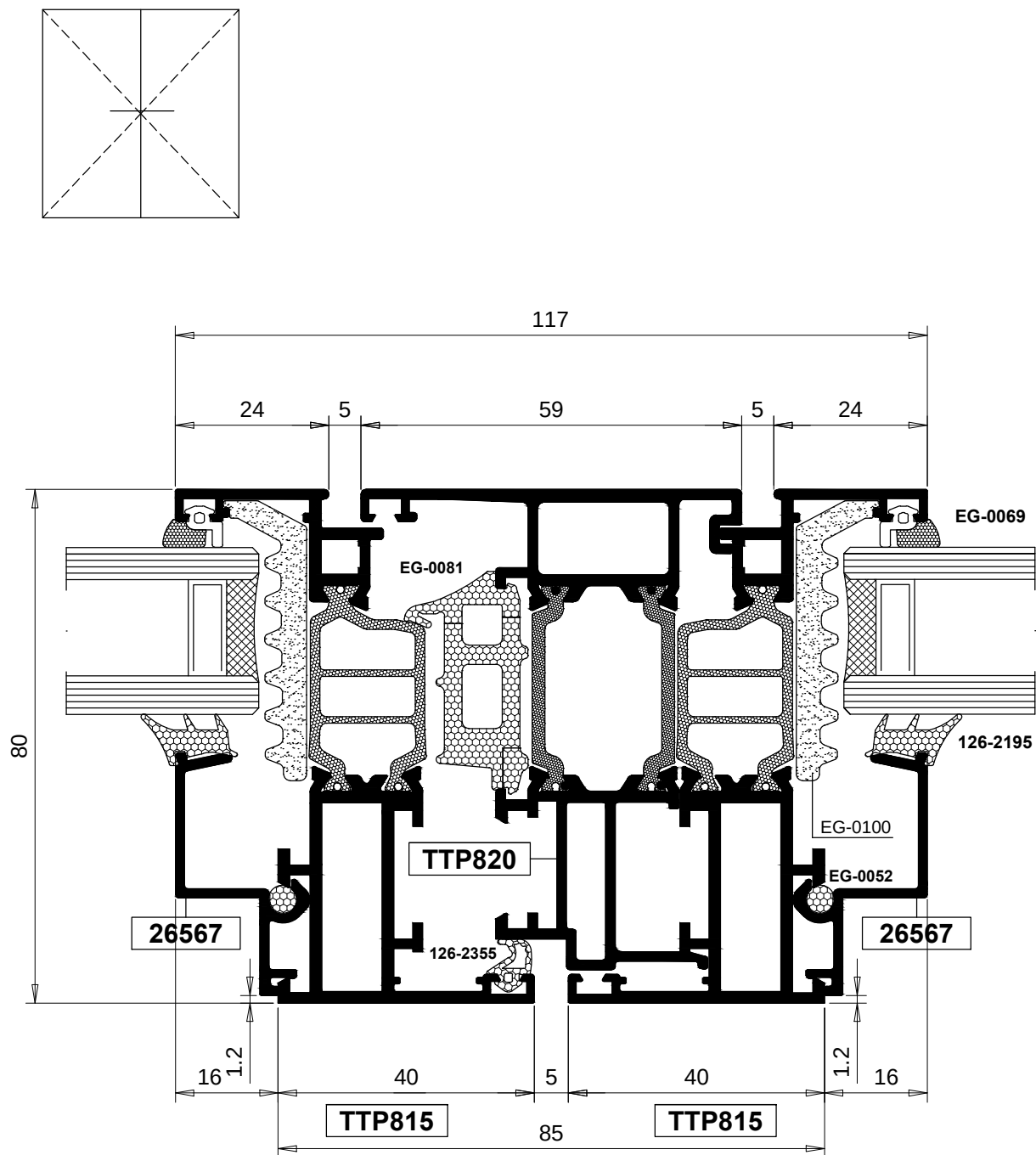
Sezioni 1:1 - Cross sections 1:1



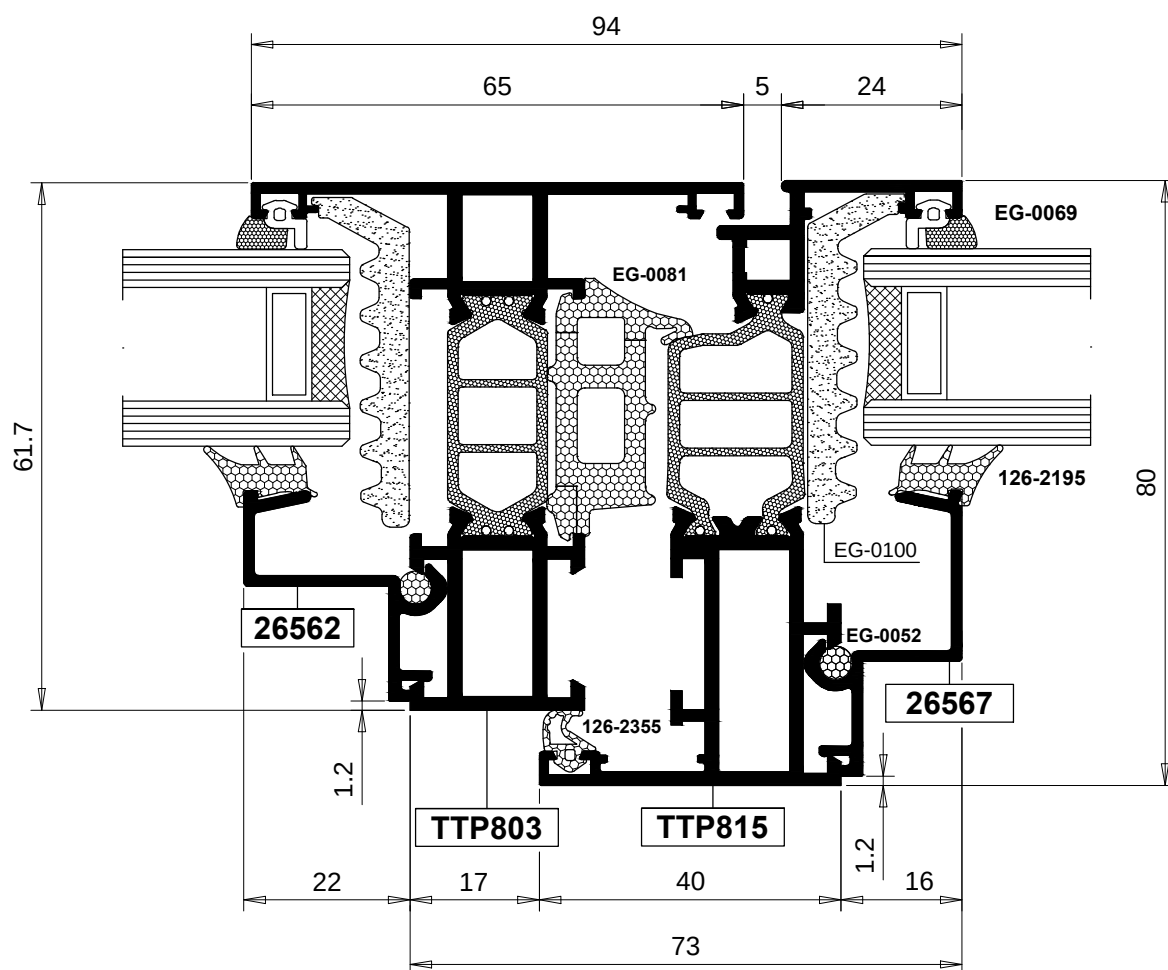
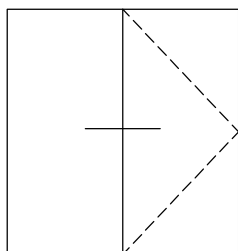
Sezioni 1:1 - Cross sections 1:1



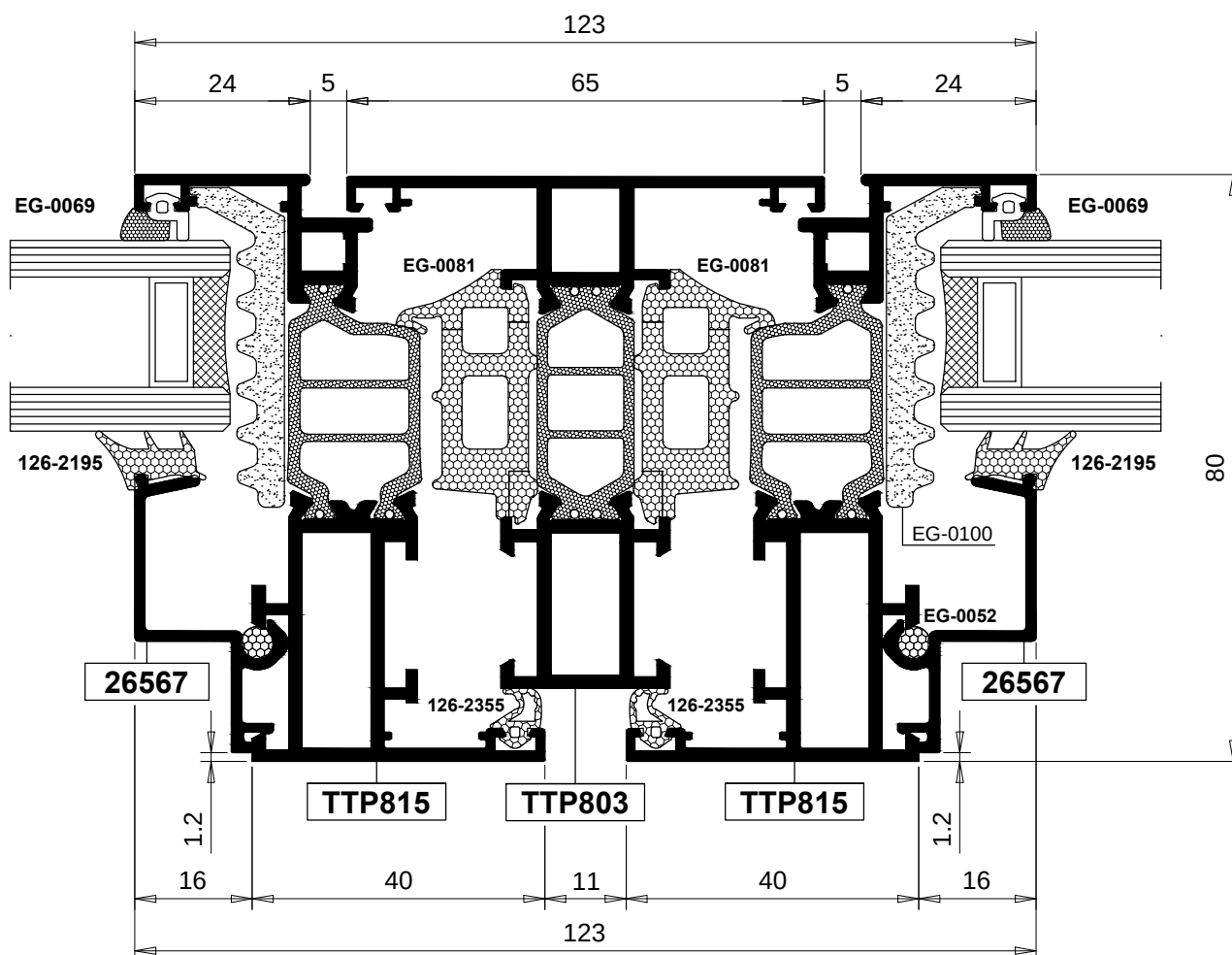
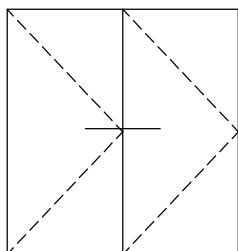
Sezioni 1:1 - Cross sections 1:1



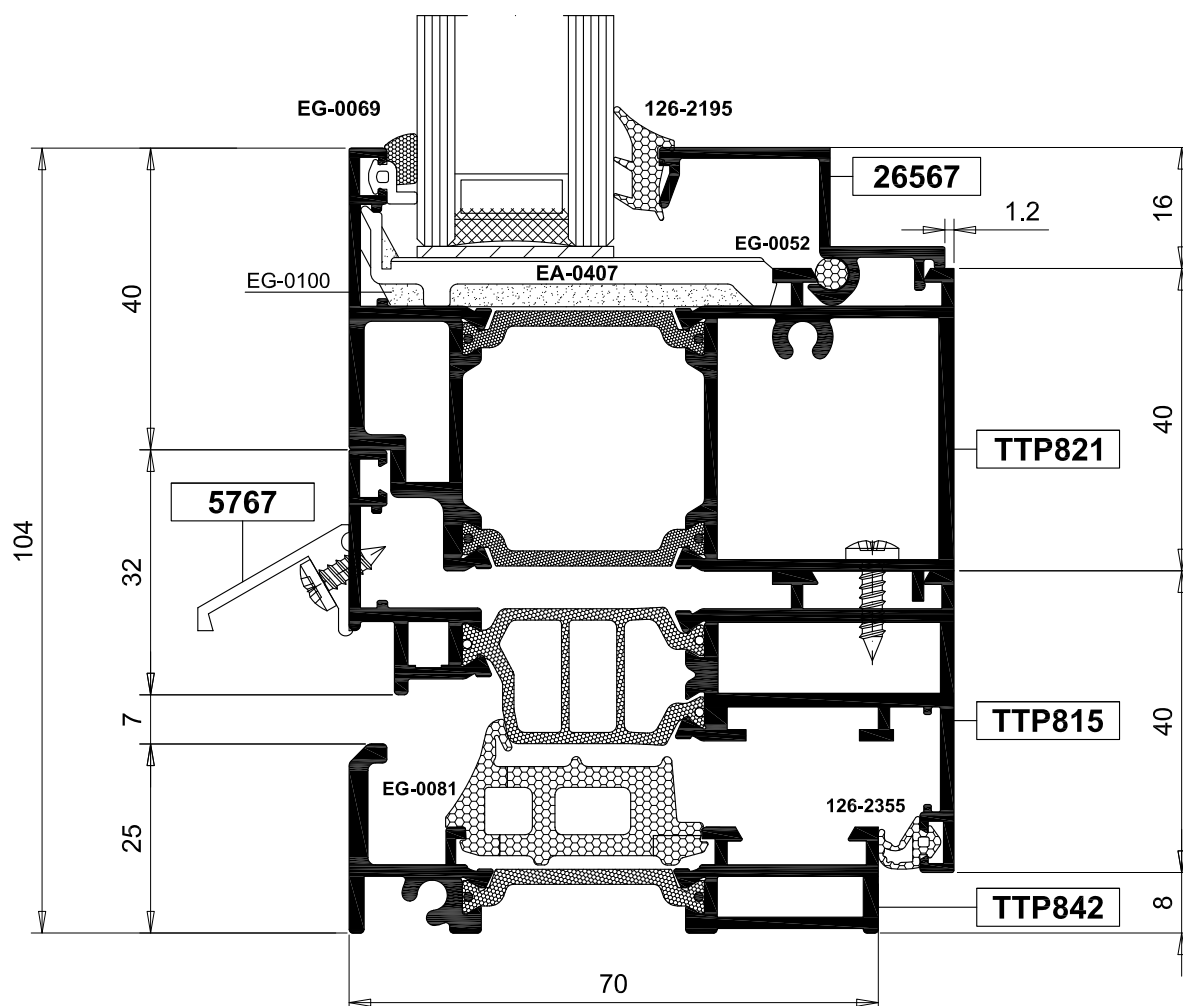
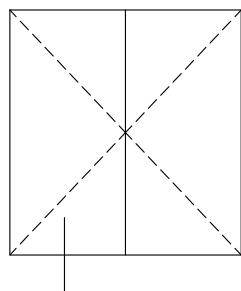
Sezioni 1:1 - Cross sections 1:1



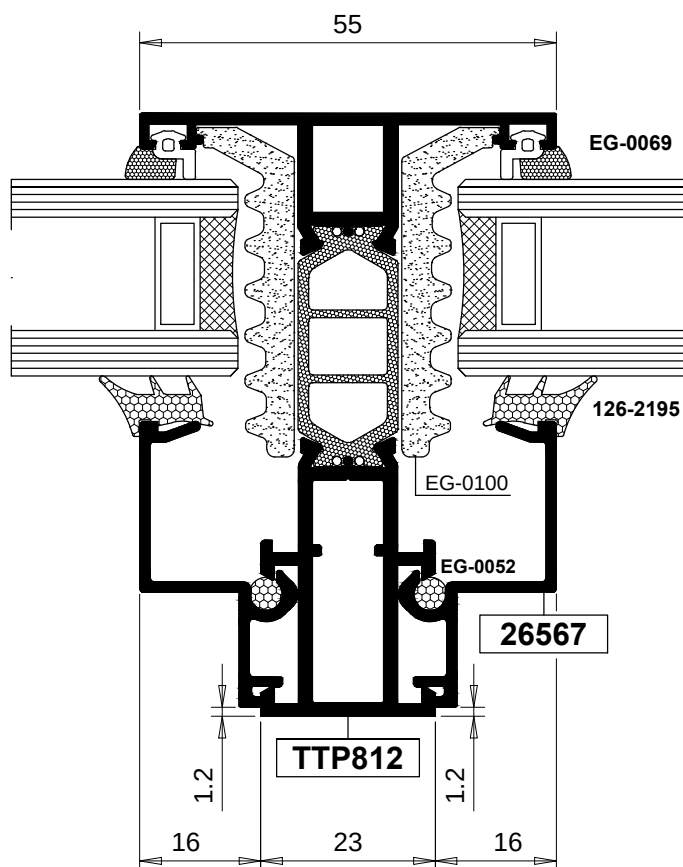
Sezioni 1:1 - Cross sections 1:1



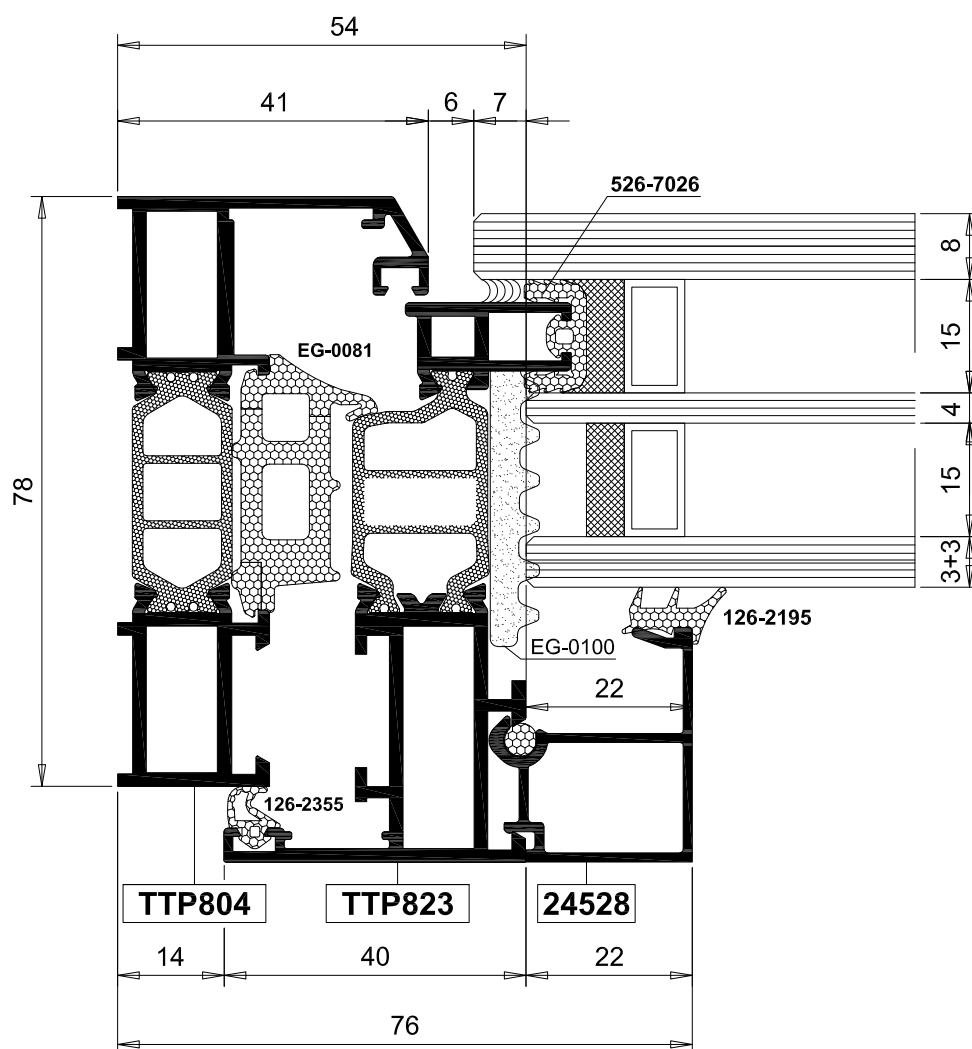
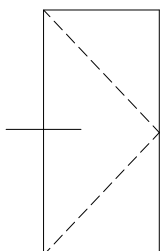
Sezioni 1:1 - Cross sections 1:1



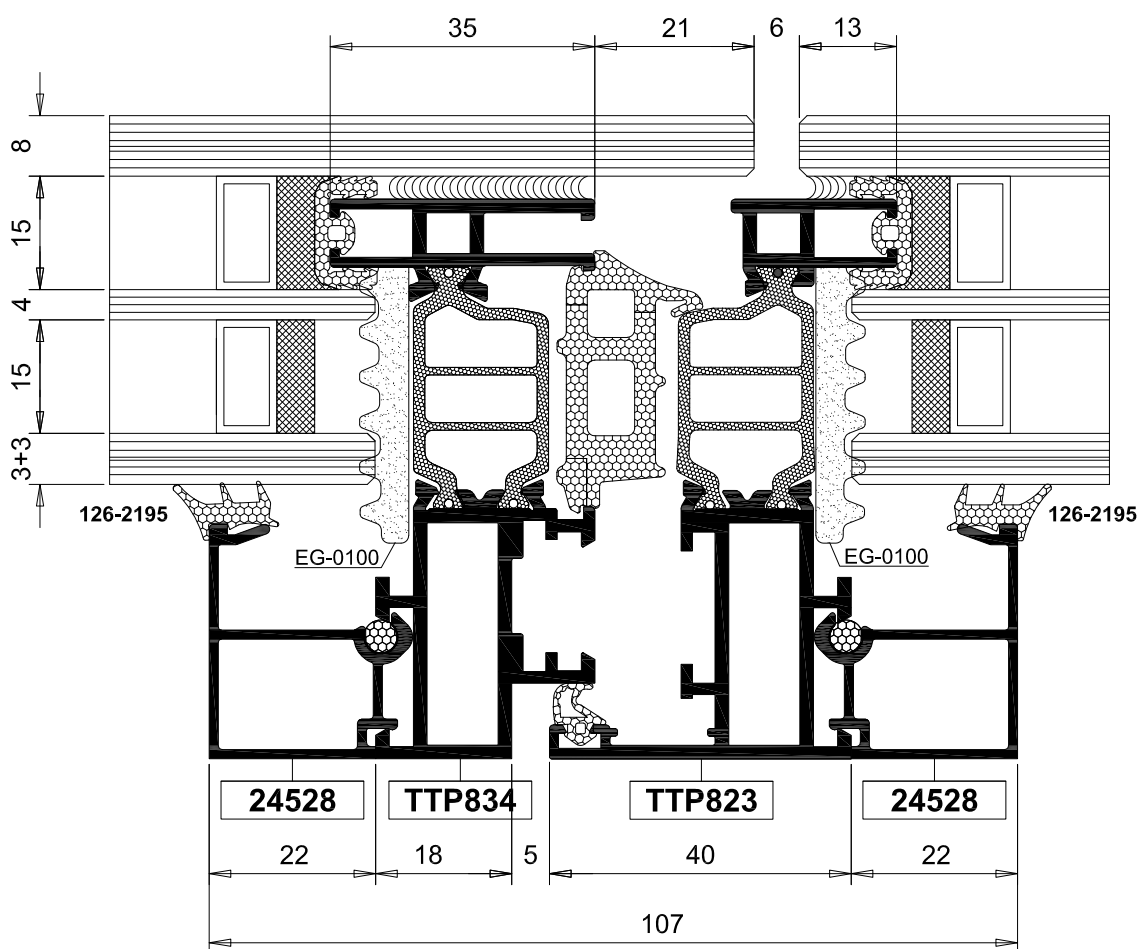
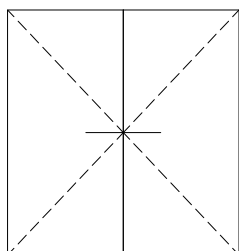
A 4x4 grid with dashed diagonal lines. A vertical line segment is drawn in the second column from the left, spanning from the second row from the top to the third row from the top.



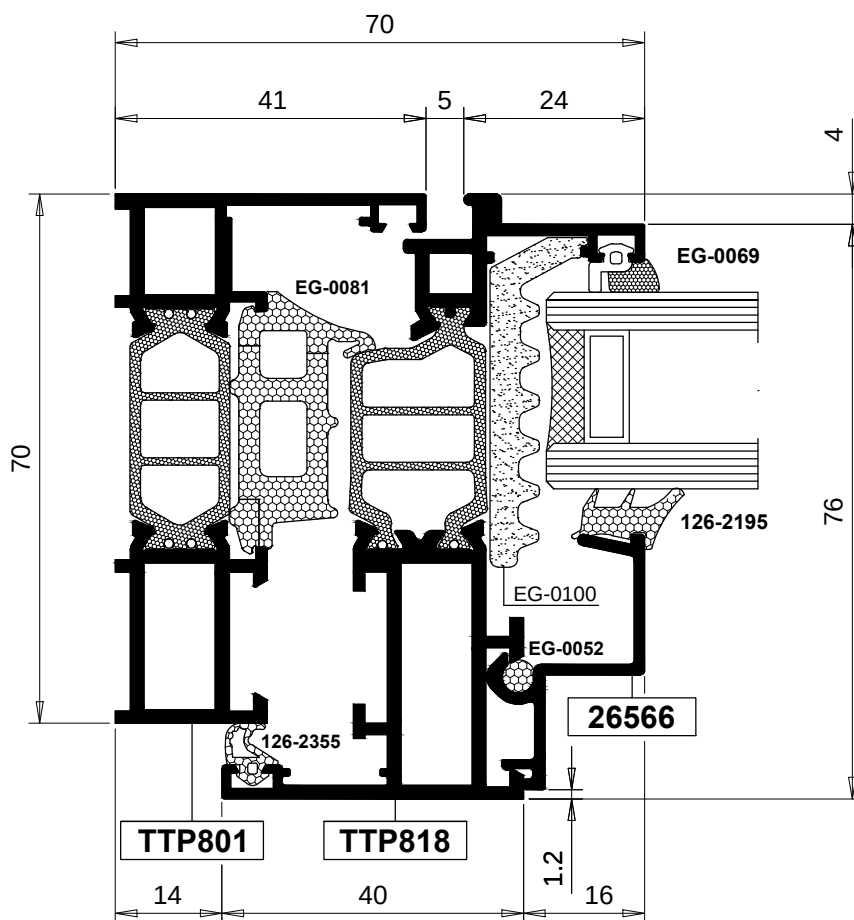
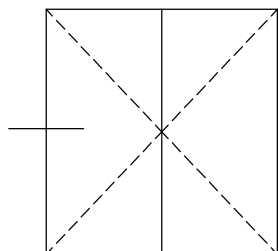
Sezioni 1:1 - Cross sections 1:1



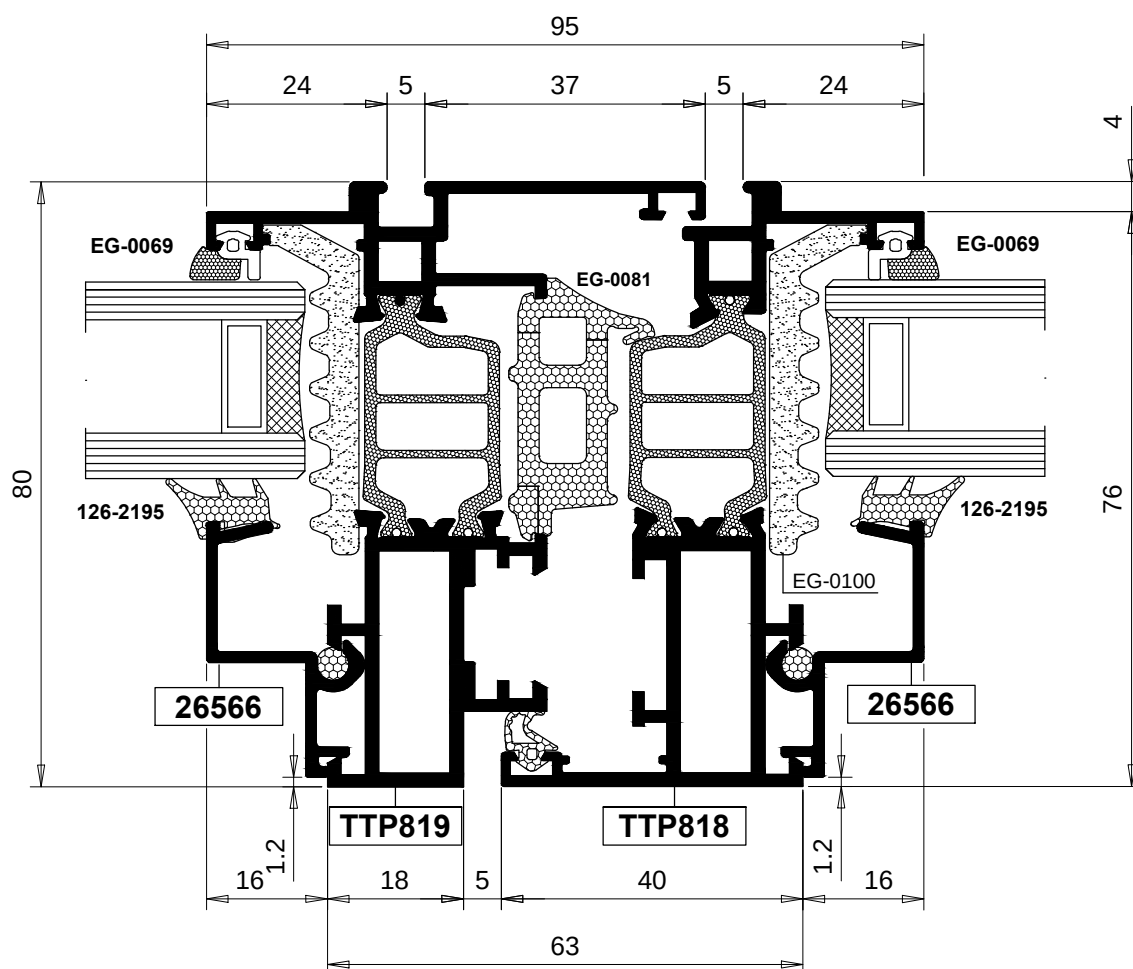
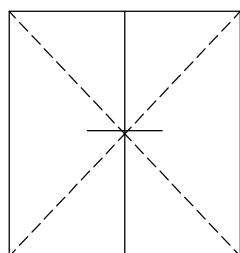
Sezioni 1:1 - Cross sections 1:1



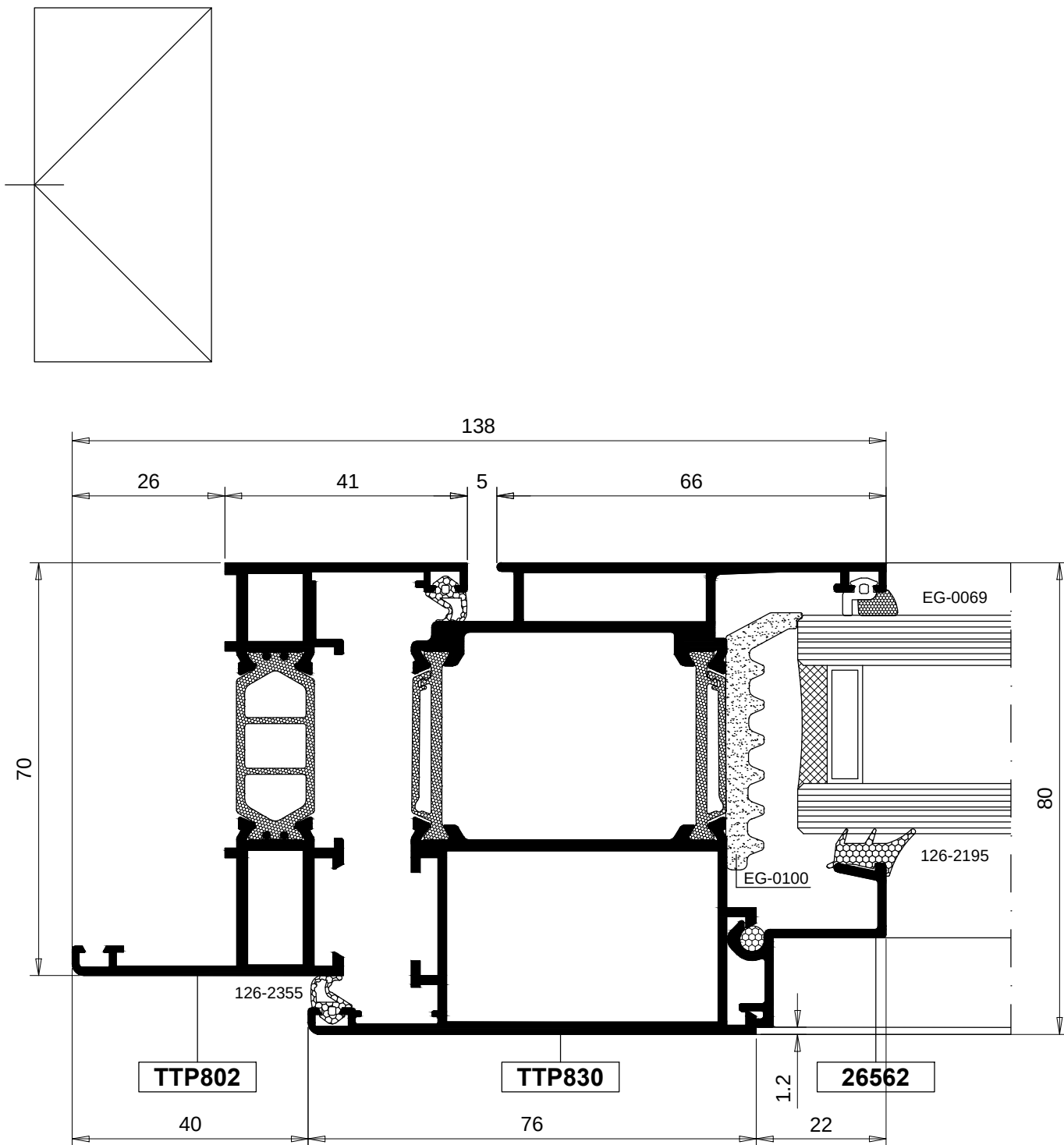
Sezioni 1:1 - Cross sections 1:1



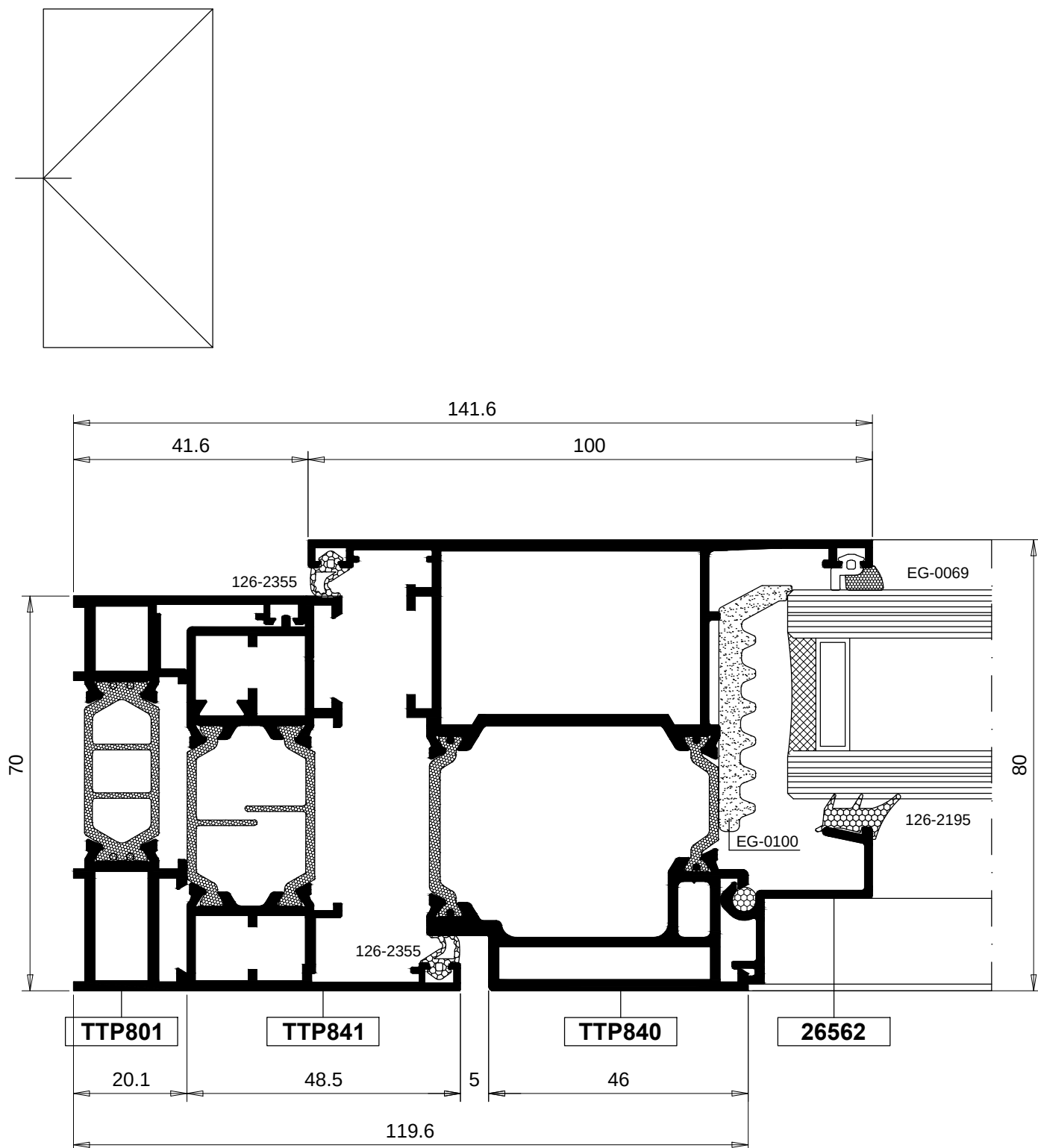
Sezioni 1:1 - Cross sections 1:1



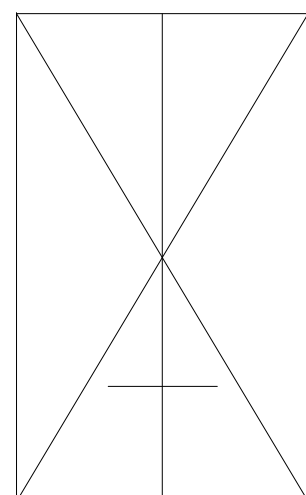
Sezioni 1:1 - Cross sections 1:1



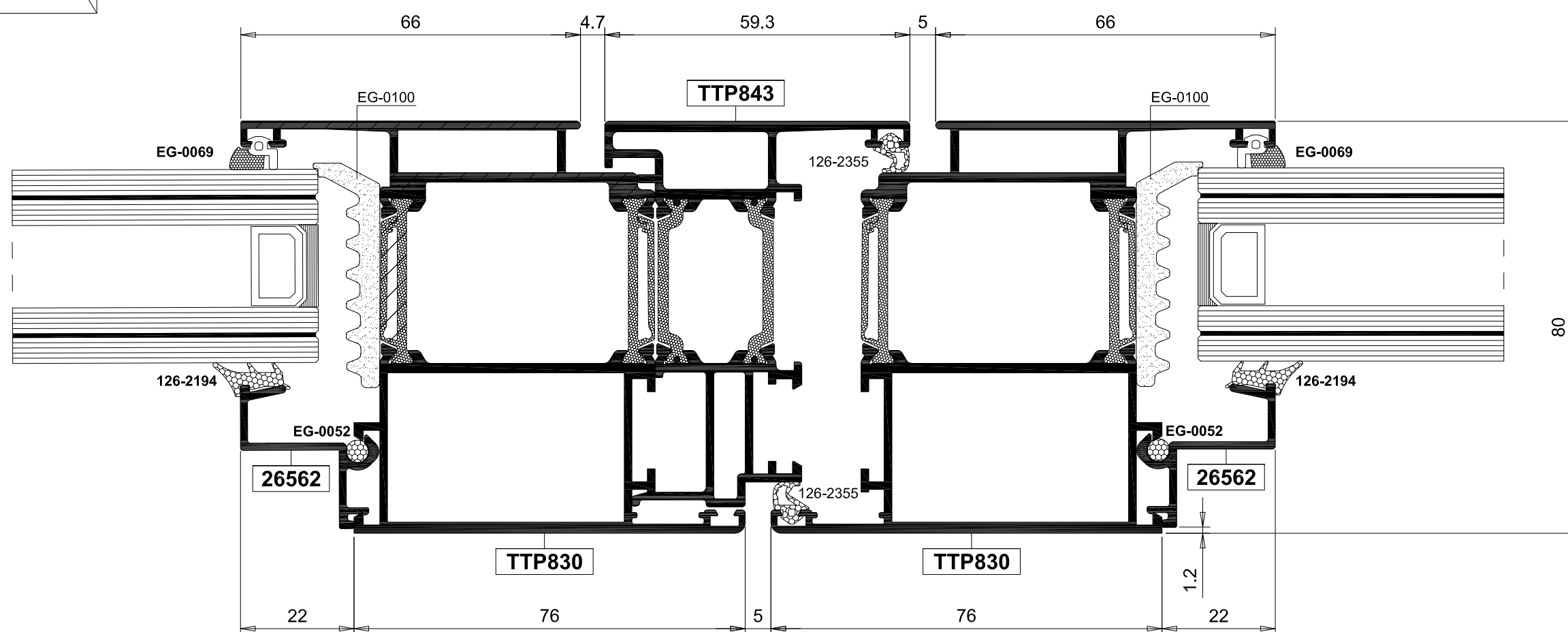
Sezioni 1:1 - Cross sections 1:1



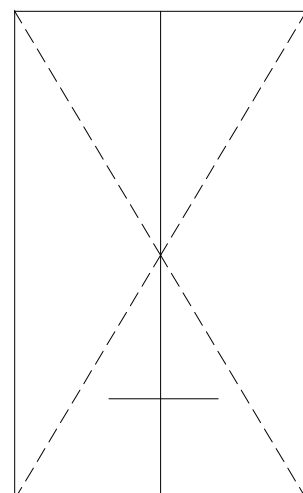
Sezioni 1:1 - Cross sections 1:1



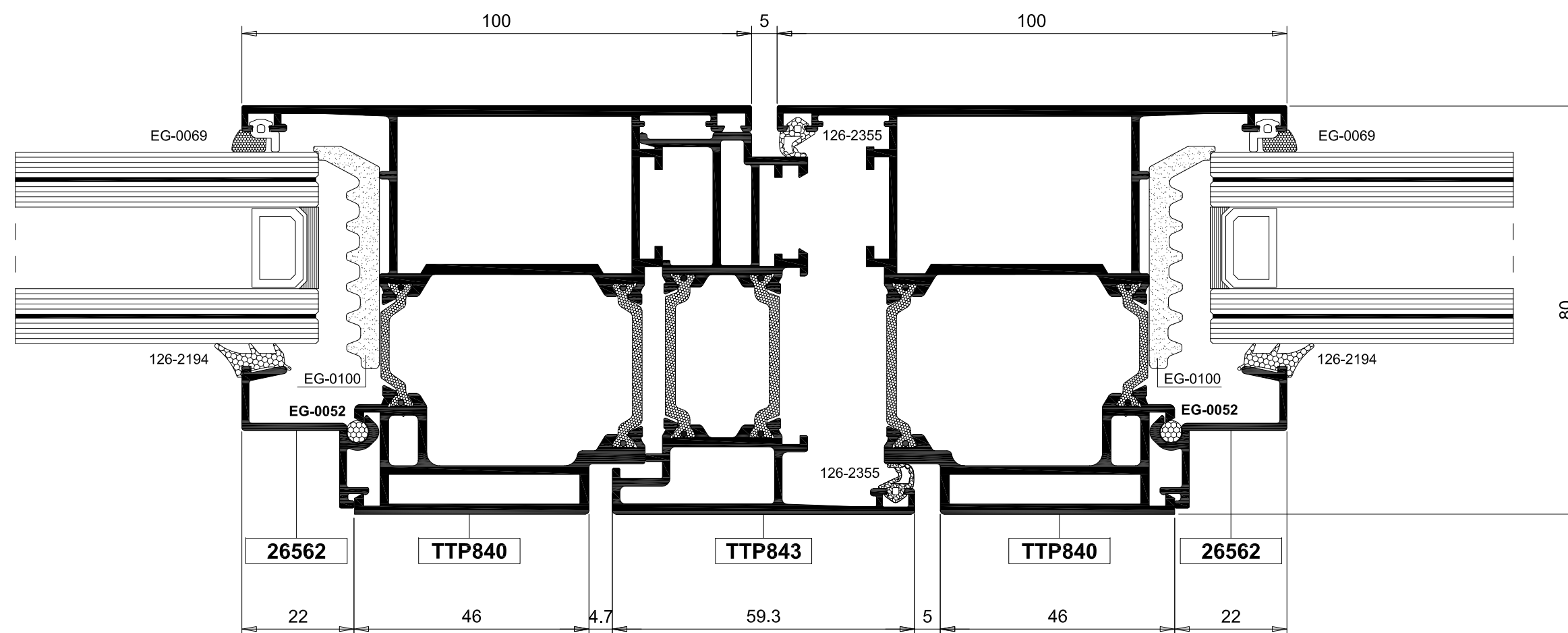
**APERTURA INTERNA
INWARD OPENING**



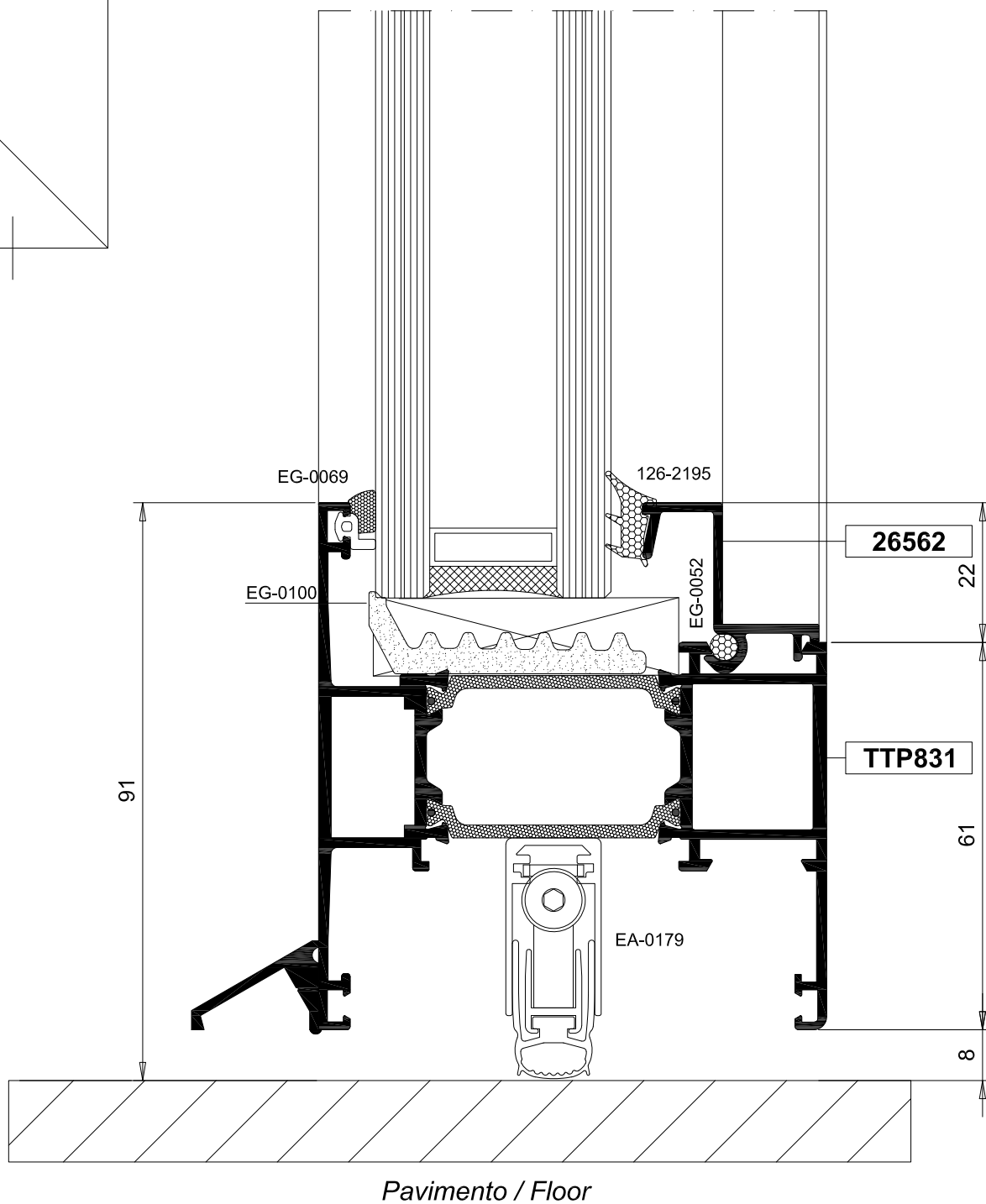
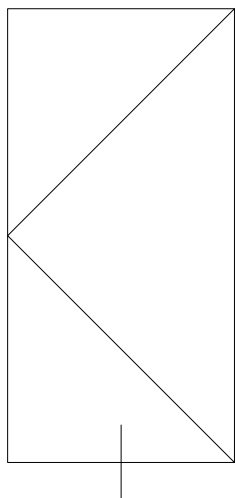
Sezioni 1:1 - Cross sections 1:1



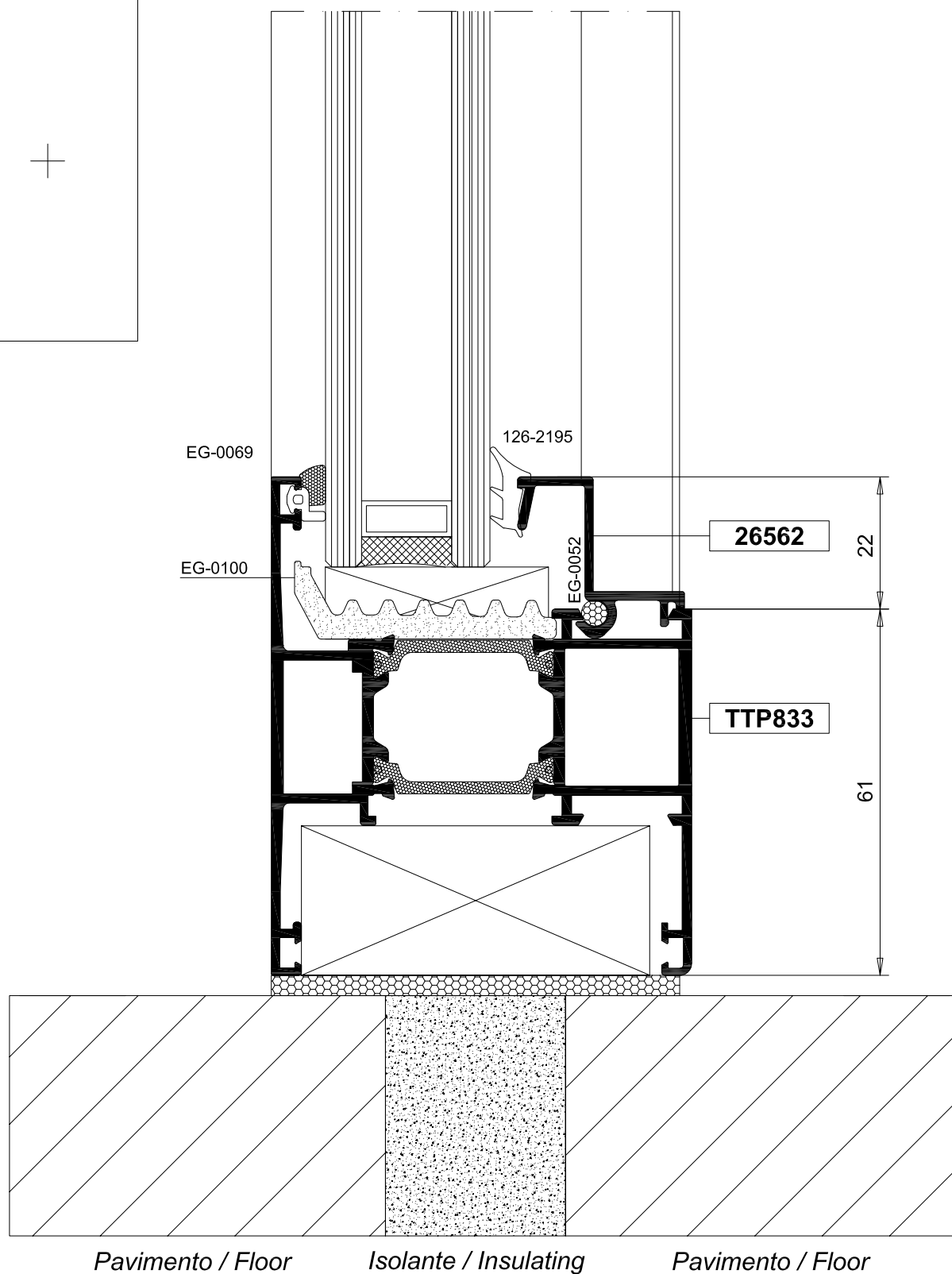
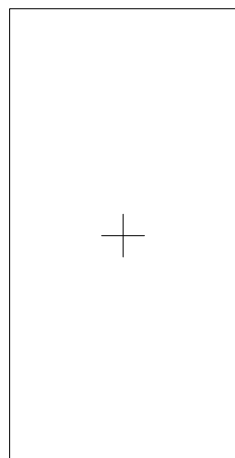
**APERTURA ESTERNA
OUTWARD OPENING**

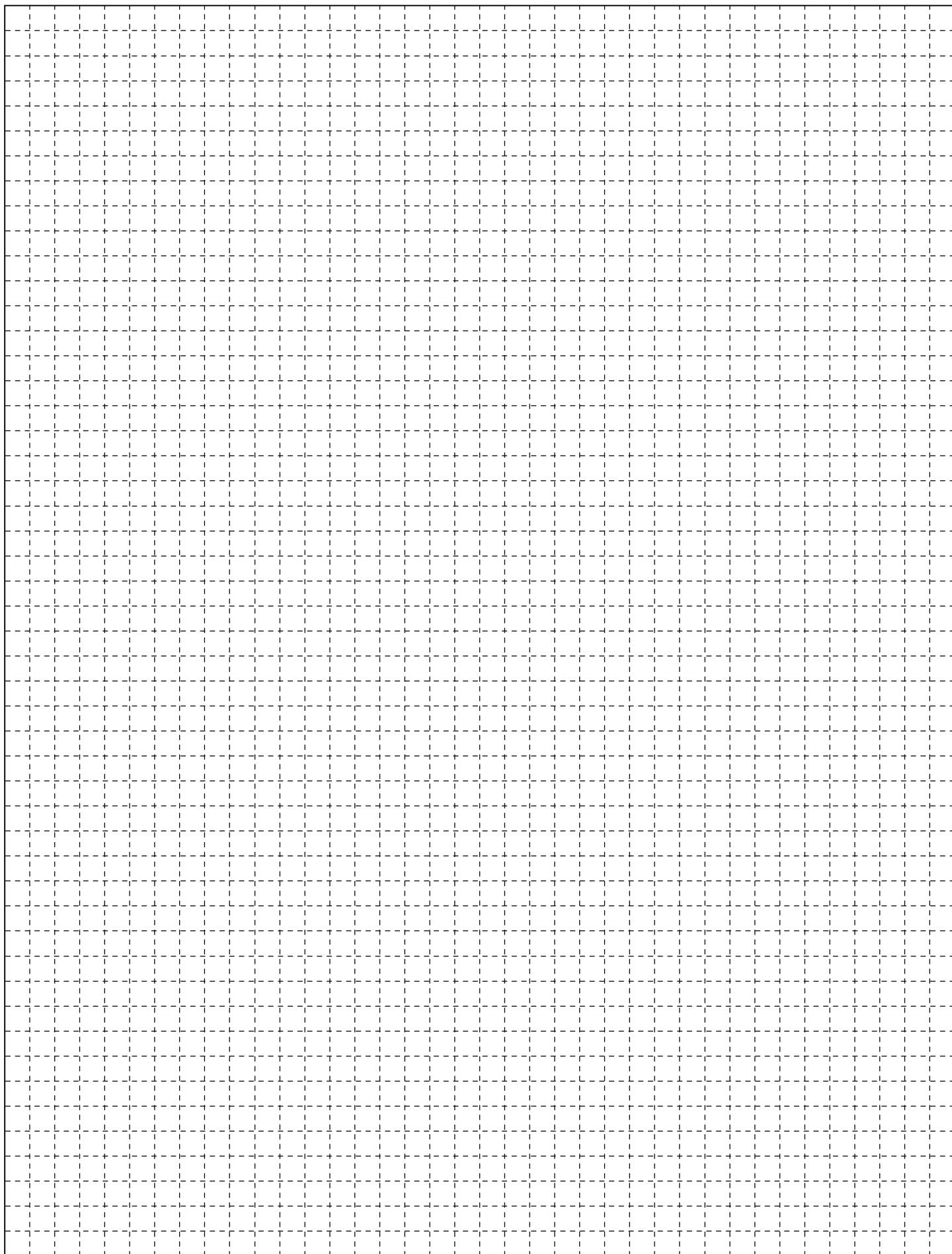


Sezioni 1:1 - Cross sections 1:1



Sezioni 1:1 - Cross sections 1:1



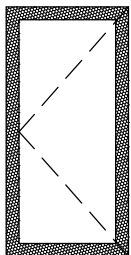


DISTINTE DI TAGLIO



PREPARATIONS

Finestra ad un anta - One wing casement window



Note:

Notes:

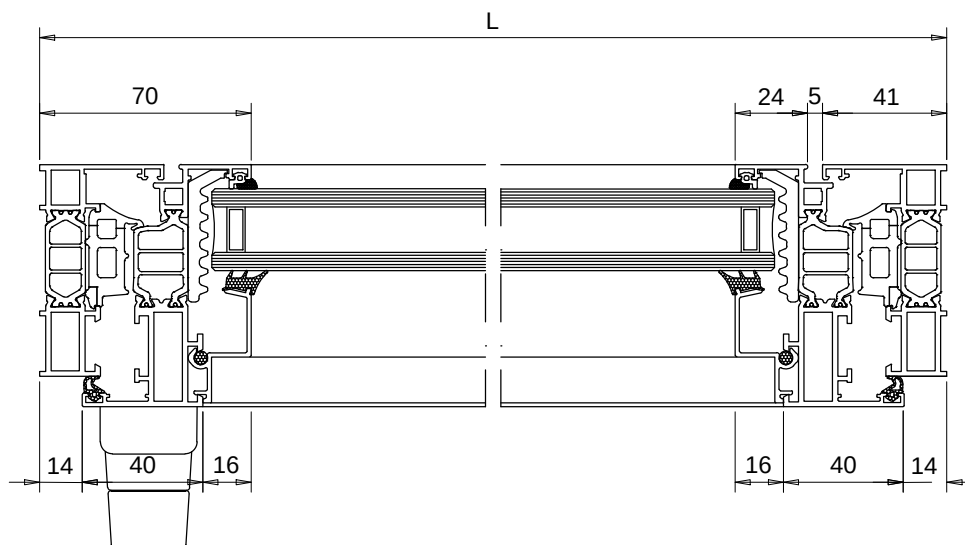
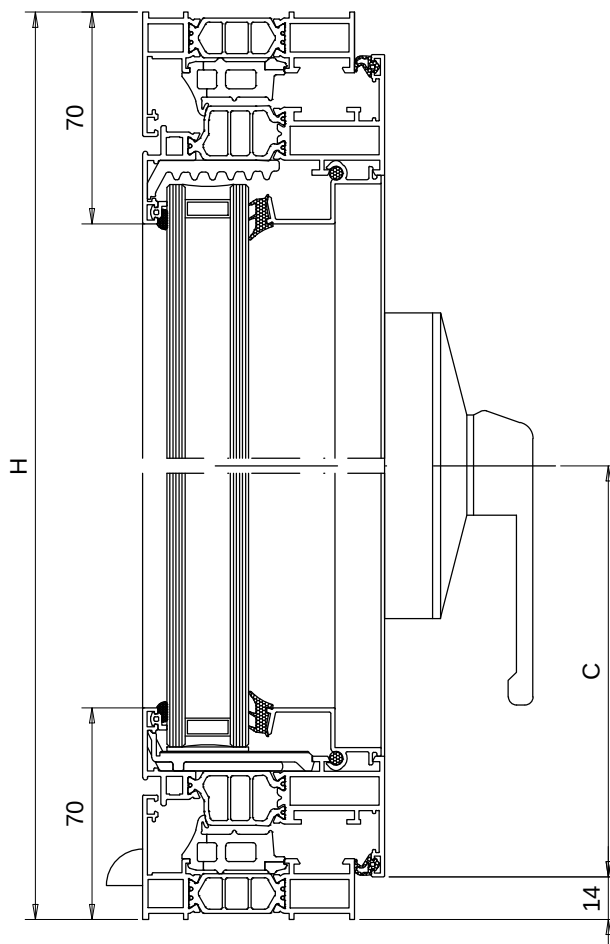
Spessore vetro considerato mm 27

For glass with 27 mm thickness

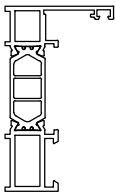
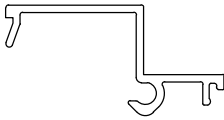
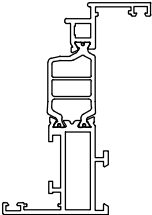
Vetro N° 1 pezzo

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
 TTP801	2	L	 26567	2	L - 108
	2	H		2	H - 114
 TTP815	2	L - 28	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione	
	2	H - 28		For tooling see instructions in the handling accessories kit	

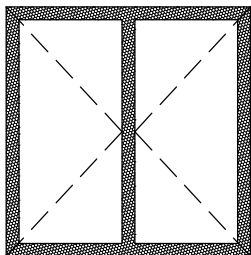
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-10 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-11 per peso anta 100/130 Kg
Layout ferramenta a scomparsa pag. 2-19

Per lavorazione fermavetri vedi pag. 8-14
For glass beading tooling see pag. 8-14

Handling accessories:
On view accessories layout pag. 2-10 capacity 80 Kg
On view accessories layout pag. 2-11 capacity 100/130 Kg
Concealed accessories layout pag. 2-19

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
EA-0319	Espansore Adjustable block	7				126-2355	Guarnizione tenuta esterna External seal gasket	2L 2H
EA-0114	Squadretta esterna telaio External frame corner joint	4				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 2H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4						
EA-0407	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:

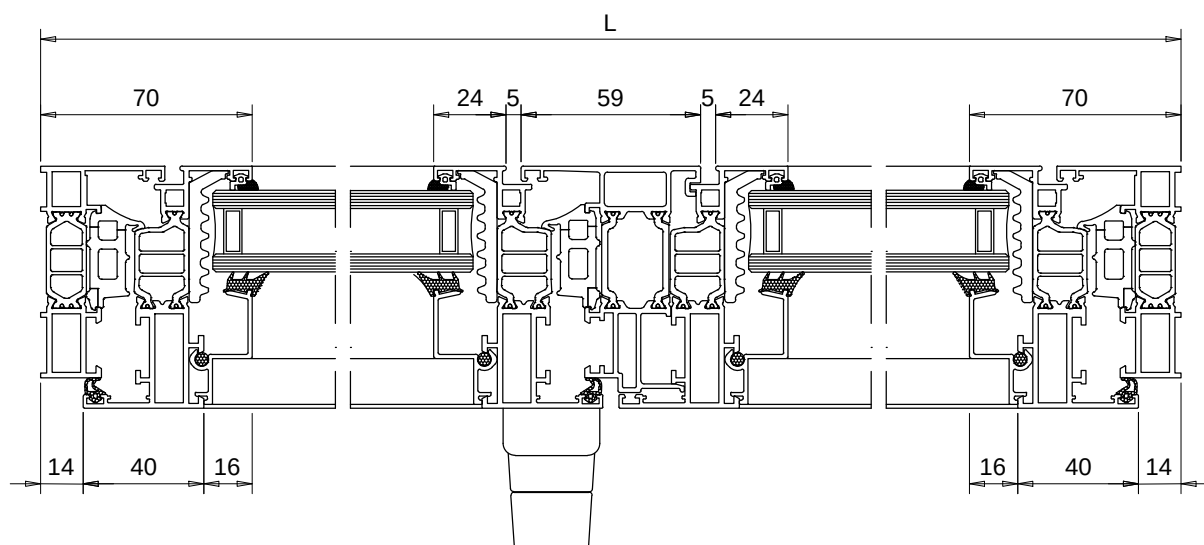
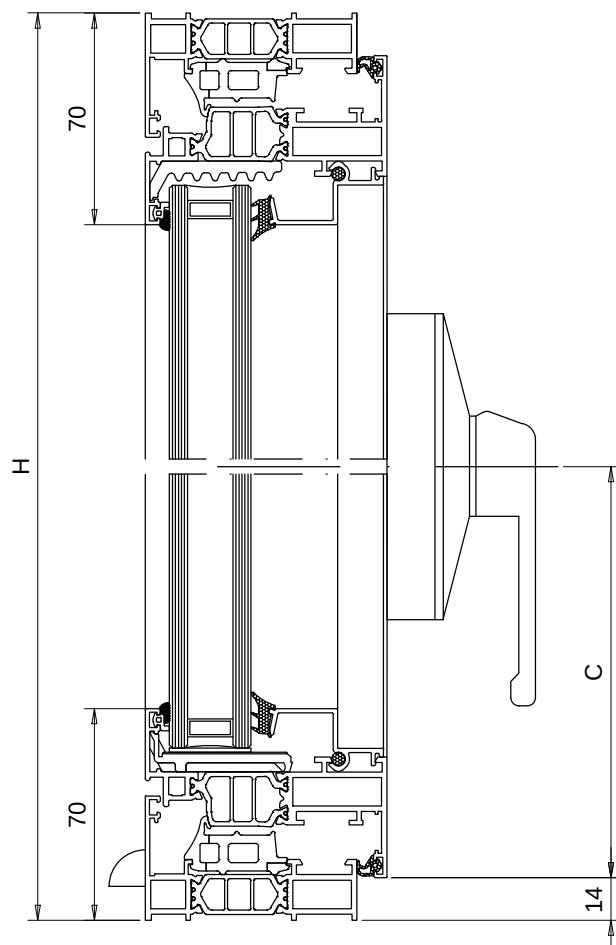
Spessore vetro considerato mm 27

For glass with 27 mm thickness

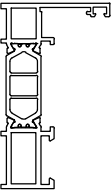
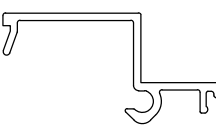
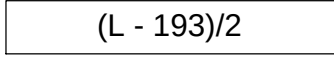
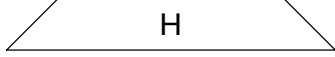
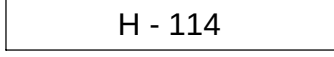
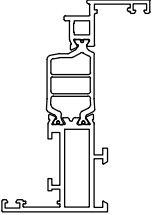
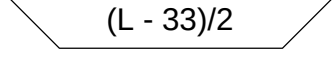
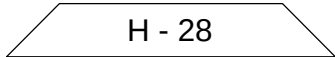
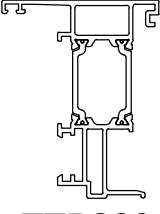
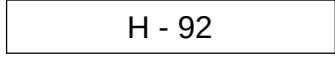
Vetro N° 2 pezzi

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
 TTP801	2	 L	 26567	4	 (L - 193)/2
	2	 H		4	 H - 114
 TTP815	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
 TTP820	1	 H - 92			

Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-13 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-14 per peso anta 100/130 Kg

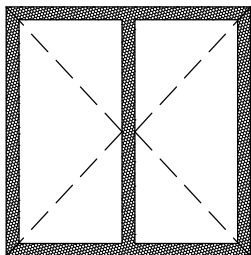
Per lavorazione fermavetri vedi pag. 8-14
For glass beading tooling see pag. 8-14

Handling accessories:

On view accessories layout pag. 2-13 capacity 80 Kg
On view accessories layout pag. 2-14 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
EA-0319	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				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 4H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0406	Tappi riporto centrale Seal plugs on central profile	1						
EA-0407	Tassello vetro per anta Wing glass support	4						

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



Note:

Notes:

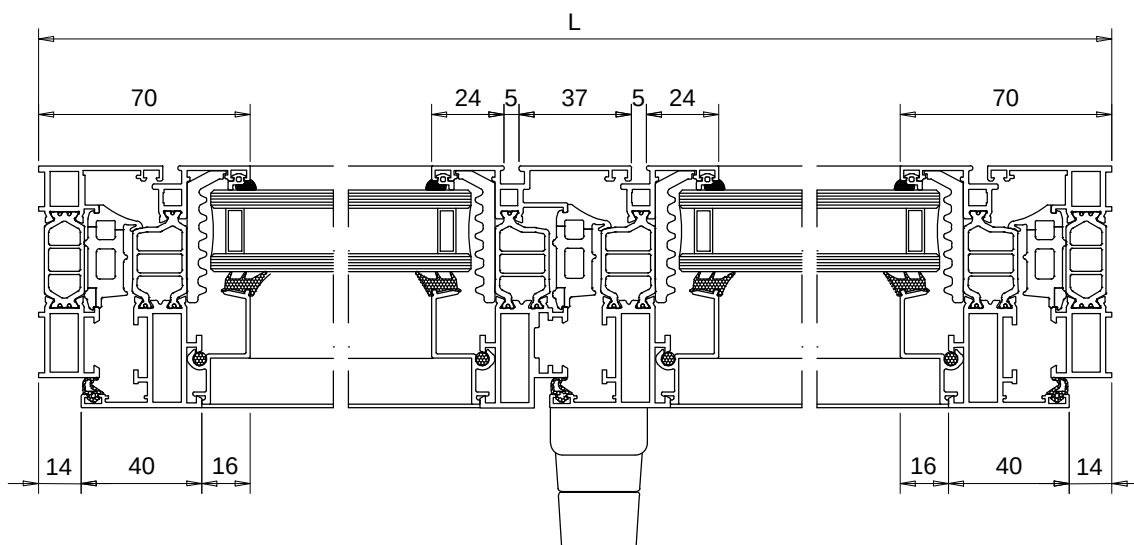
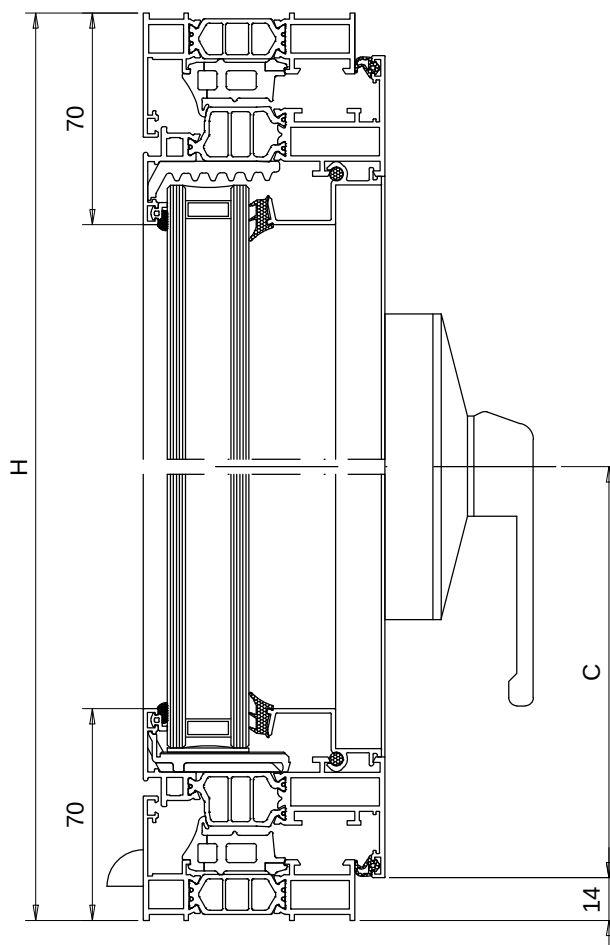
Spessore vetro considerato mm 27

For glass with 27 mm thickness

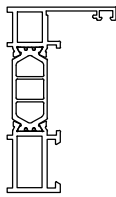
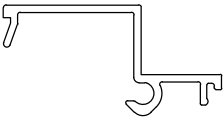
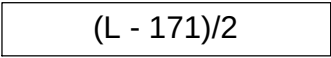
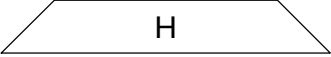
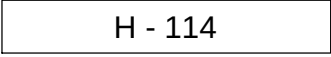
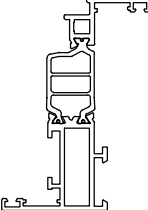
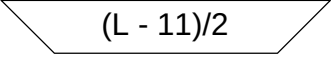
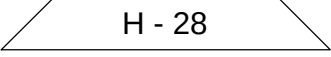
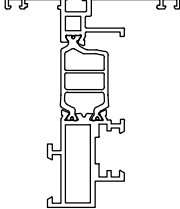
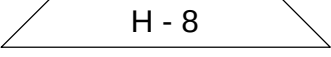
Vetro N° 2 pezzi

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
 TTP801	2		 26567	4	
	2			4	
 TTP815	4			Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
	3		6405		
 TTP824	1				

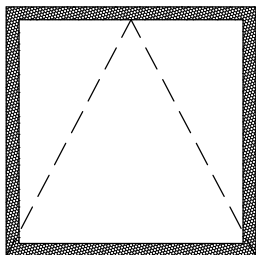
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-13 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-14 per peso anta 100/130 Kg

Per lavorazione fermavetri vedi pag. 8-14
For glass beading tooling see pag. 8-14

Handling accessories:
On view accessories layout pag. 2-13 capacity 80 Kg
On view accessories layout pag. 2-14 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
EA-0319	Espansore Adjustable block	7	EA-0414	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				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 4H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0407	Tassello vetro per anta Wing glass support	4						
142-2145	Drenaggio acqua Water drainage	3						

Finestra a wasistas - Hopper window



Note:

Notes:

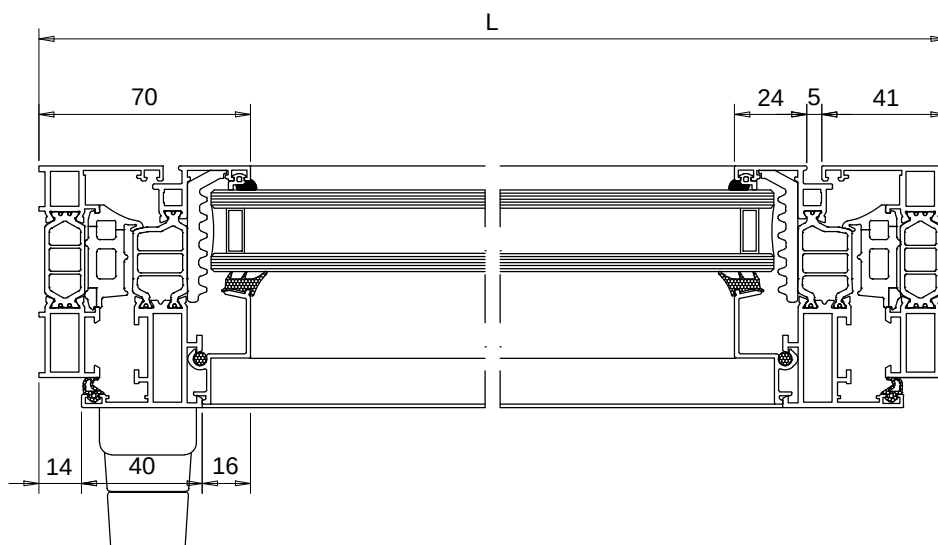
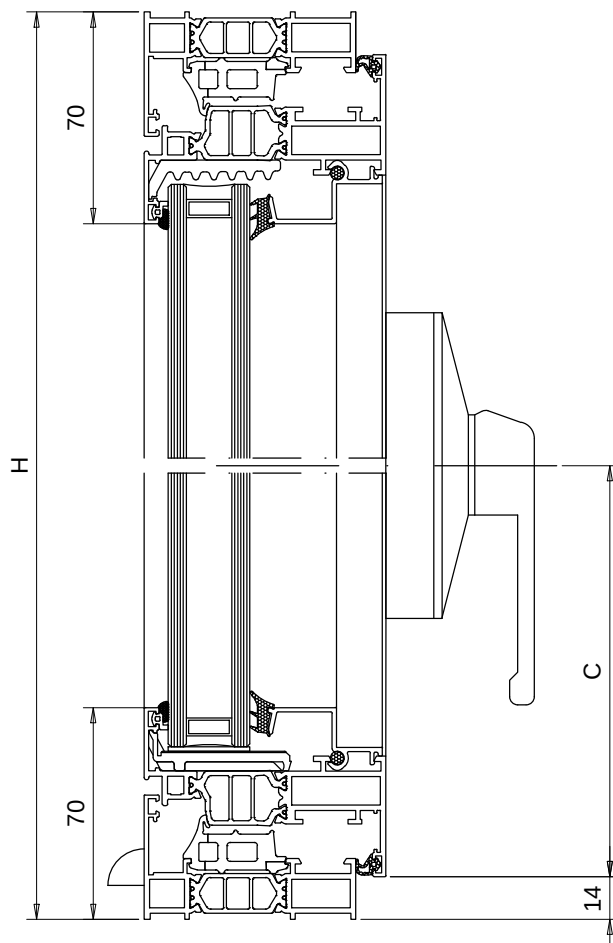
Spessore vetro considerato mm 27

For glass with 27 mm thickness

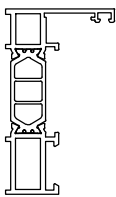
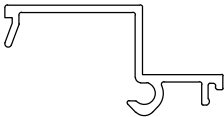
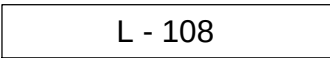
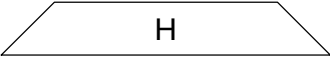
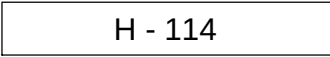
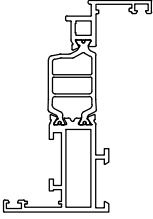
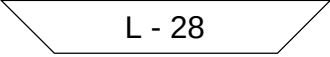
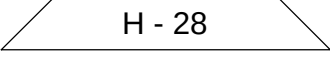
Vetro N° 1 pezzo

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
 TTP801	2		 26567	2	
	2			2	
 TTP815	2		 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione	
	2			For tooling see instructions in the handling accessories kit	

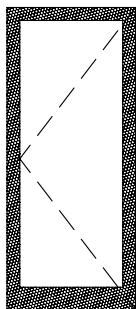
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-17 maniglia verticale Kg 40/100
Layout ferramenta a vista pag. 2-18 maniglia orizzontale Kg 30/50
Layout ferramenta a scomparsa pag. 2-23 maniglia orizzontale Kg 50

Per lavorazione fermavetri vedi pag. 8-14
For glass beading tooling see pag. 8-14

Handling accessories:
On view accessories layout pag. 2-17 vertical handle capacity 40/100 Kg
On view accessories layout pag. 2-18 horizontal handle capacity 30/50 Kg
Concealed accessories layout pag. 2-23 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
EA-0319	Espansore Adjustable block	7				126-2355	Guarnizione tenuta esterna External seal gasket	2L 2H
EA-0114	Squadretta esterna telaio External frame corner joint	4				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 2H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4						
EA-0407	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:

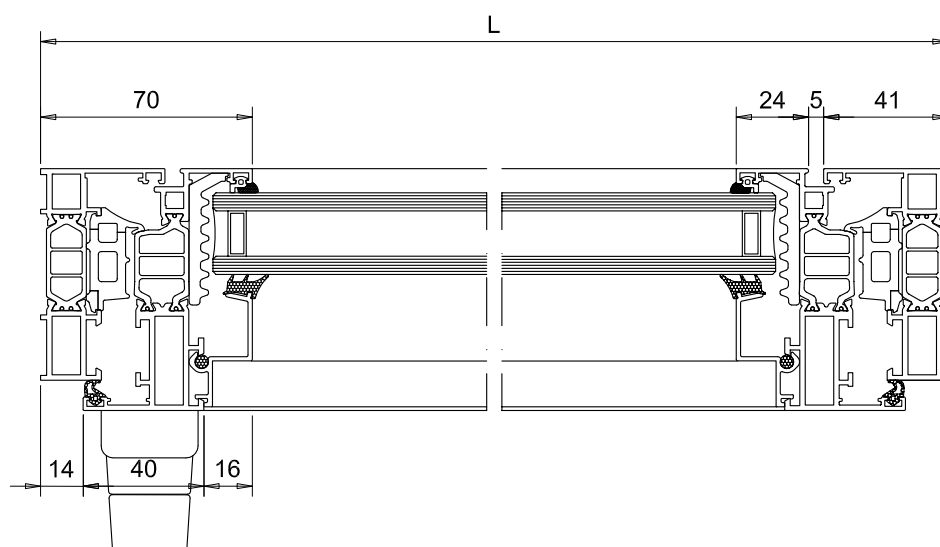
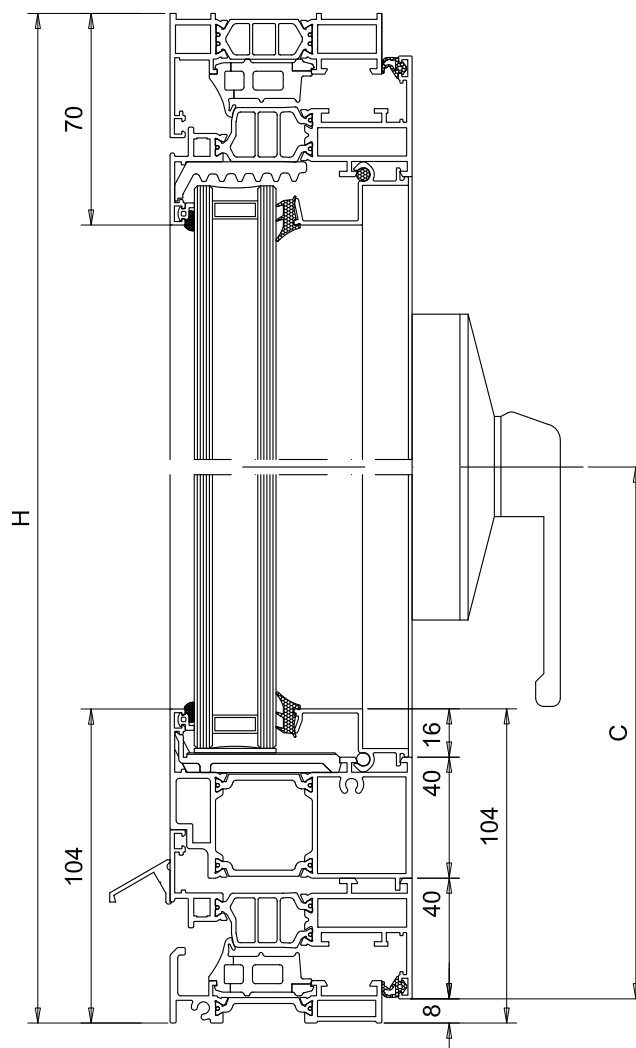
Spessore vetro considerato mm 27

For glass with 27 mm thickness

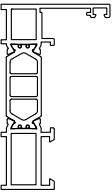
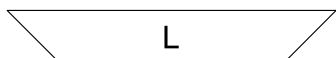
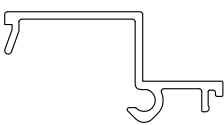
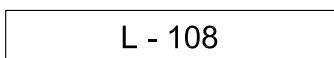
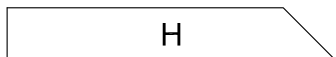
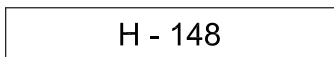
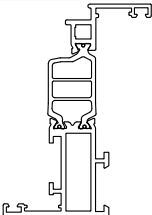
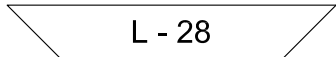
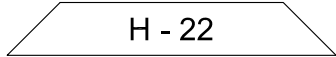
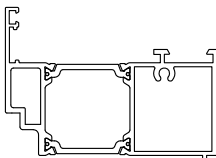
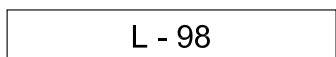
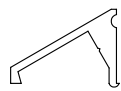
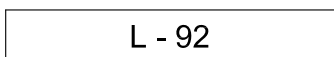
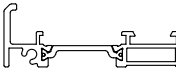
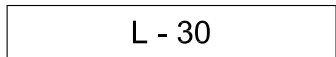
Vetro N° 1 pezzo

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
 TTP801	1		 26567	2	
	2			2	
 TTP815	2		 6405		Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit
	2				
 TTP821	1		 5767	1	
 TTP842	1		Per accessori di movimentazione vedere: Layout ferramenta a vista pag. 2-10 per peso anta 80 Kg Layout ferramenta a vista pag. 2-11 per peso anta 100/130 Kg Layout ferramenta a scomparsa pag. 2-19 Handling accessories: On view accessories layout pag. 2-10 capacity 80 Kg On view accessories layout pag. 2-11 capacity 100/130 Kg Concealed accessories layout pag. 2-19 Per lavorazione fermavetri vedi pag. 8-14 For glass beading tooling see pag. 8-14		

**Accessori
Accessories**

Art. Item	Descrizione Description	N°pezzi Pcs
EA-0319	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
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4
EA-0407	Tassello vetro per anta Wing glass support	2
EA-0432	Squadretta per soglia ribassata Corner joint for lowered threshold	2

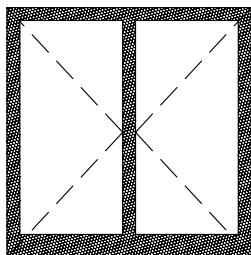
**Accessori
Accessories**

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
EG-0081	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
EG-0082	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 12 pz
EG-0100	Guarnizione sottovetro Insulating gasket	2L 2H

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



Note:

Notes:

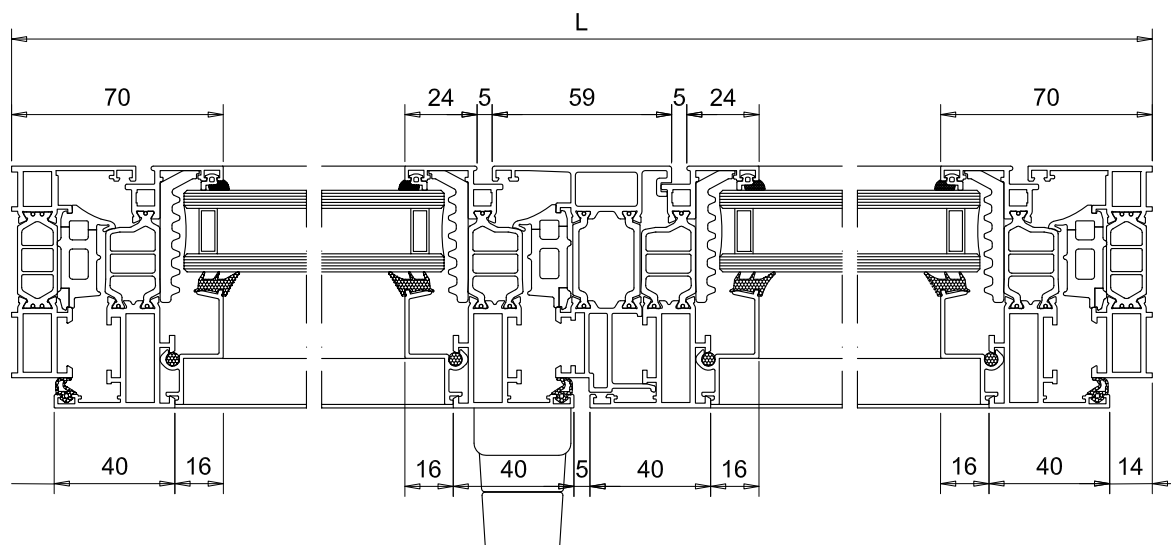
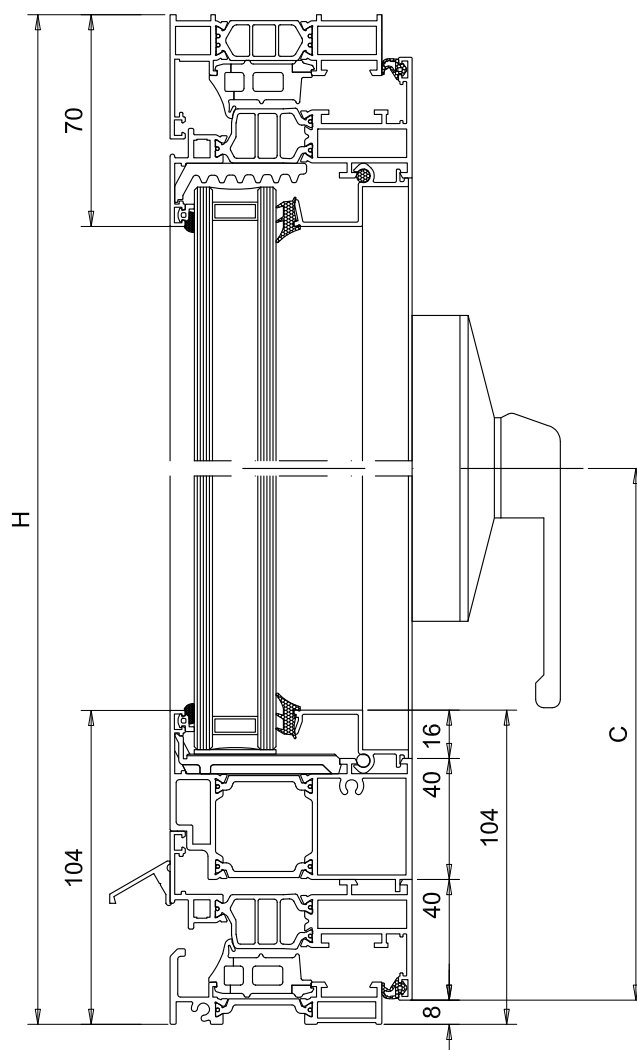
Spessore vetro considerato mm 27

For glass with 27 mm thickness

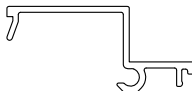
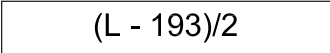
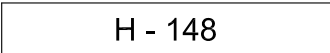
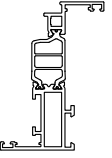
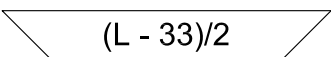
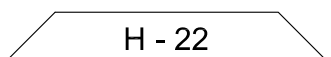
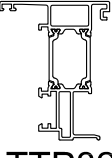
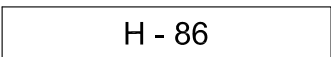
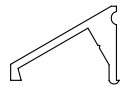
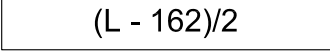
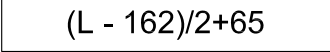
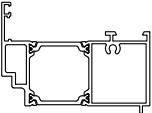
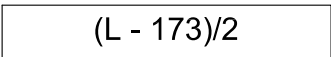
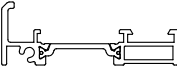
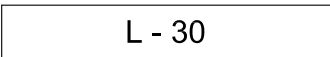
Vetro N° 2 pezzi

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
 TTP801	1 2	 	 26567	4 4	 
 TTP815	4 4	 	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
 TTP820	1		 5767	1 1	 
 TTP821	2		 TTP842	1	

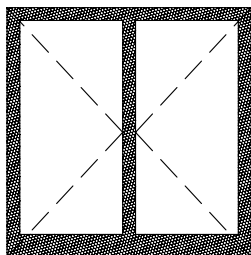
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-13 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-14 per peso anta 100/130 Kg

Per lavorazione fermavetri vedi pag. 8-14
For glass beading tooling see pag. 8-14

Handling accessories:
On view accessories layout pag. 2-13 capacity 80 Kg
On view accessories layout pag. 2-14 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
EA-0319	Espansore Adjustable block	14	EA-0432	Squadretta per soglia ribassata Corner joint for lowered threshold	2	126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	2				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 4H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0406	Tappi riporto centrale Seal plugs on central profile	1						
EA-0407	Tassello vetro per anta Wing glass support	4						

Portabalcone a due ante incontro T/Z - Two wing balcony door central T/Z



Note:

Notes:

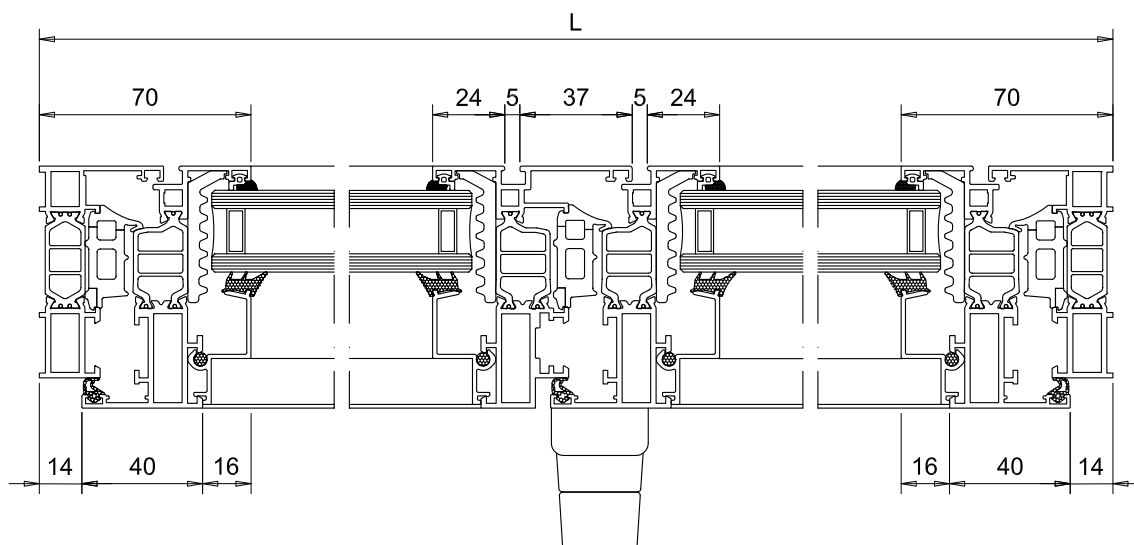
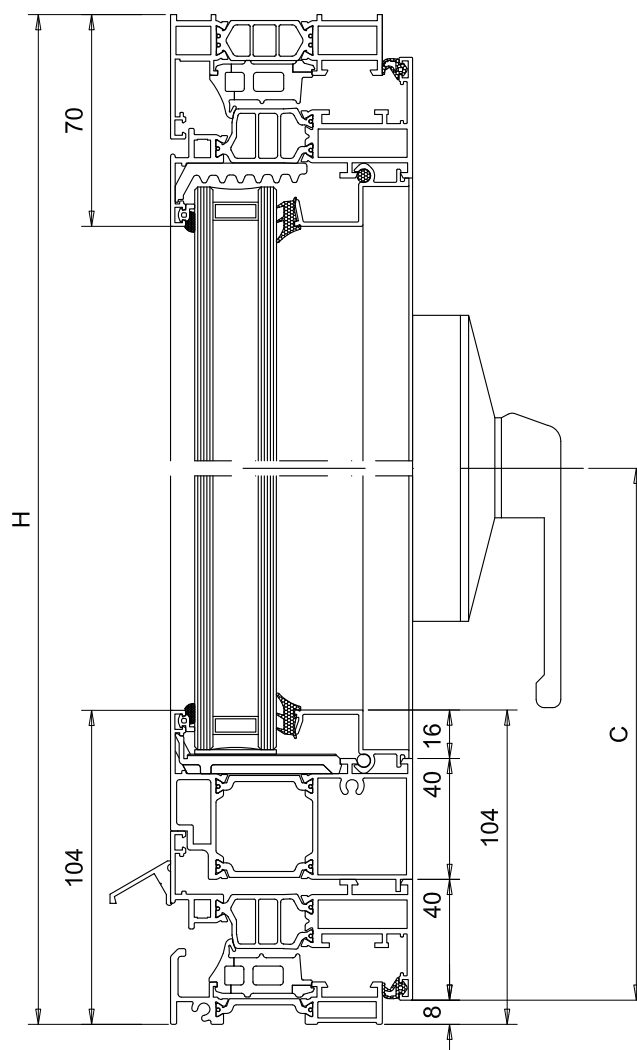
Spessore vetro considerato mm 27

For glass with 27 mm thickness

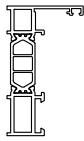
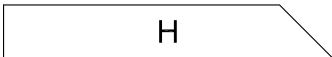
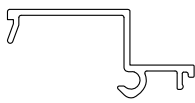
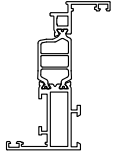
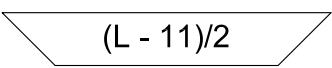
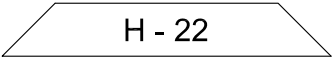
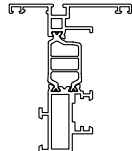
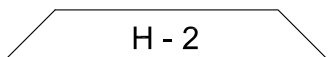
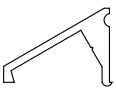
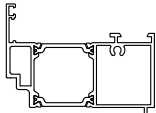
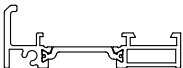
Vetro N° 2 pezzi

Glass N°2 pieces

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



Portabalcone a due ante incontro T/Z - Two wing balcony door central T/Z

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP801	1 2	 	 26567	4 4	(L - 171)/2 H - 148
 TTP815	4 4	 	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
 TTP824	1		 5767	1 1	(L - 129)/2 (L-129)/2+42
 TTP821	2	(L - 151)/2	 TTP842	1	L - 30

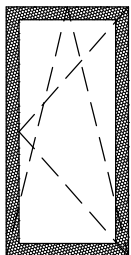
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-13 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-14 per peso anta 100/130 Kg

Per lavorazione fermavetri vedi pag. 8-14
For glass beading tooling see pag. 8-14

Handling accessories:
On view accessories layout pag. 2-13 capacity 80 Kg
On view accessories layout pag. 2-14 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
EA-0319	Espansore Adjustable block	14	EA-0432	Squadretta per soglia ribassata Corner joint for lowered threshold	2	126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	2				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 4H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0407	Tassello vetro per anta Wing glass support	4						
EA-0414	Tappi riporto centrale Seal plugs on central profile	1						

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



Note:

Notes:

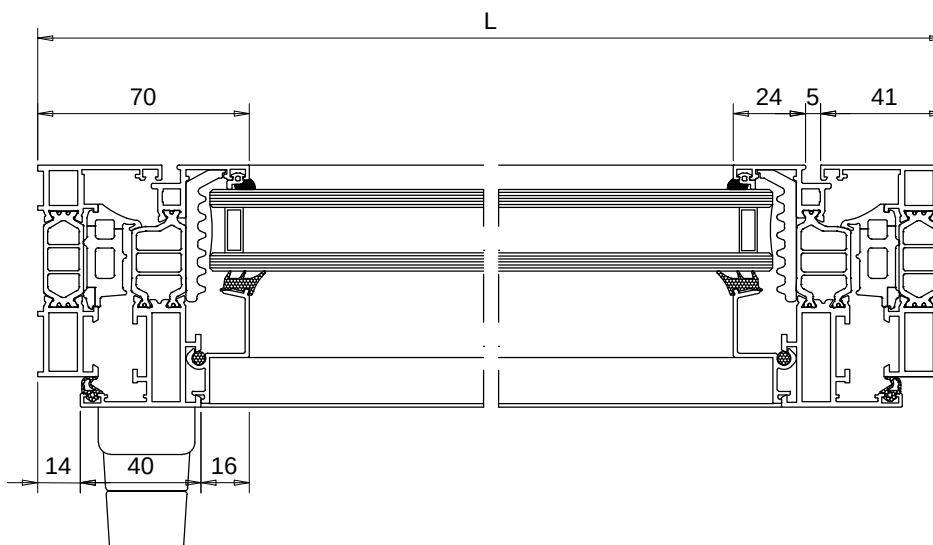
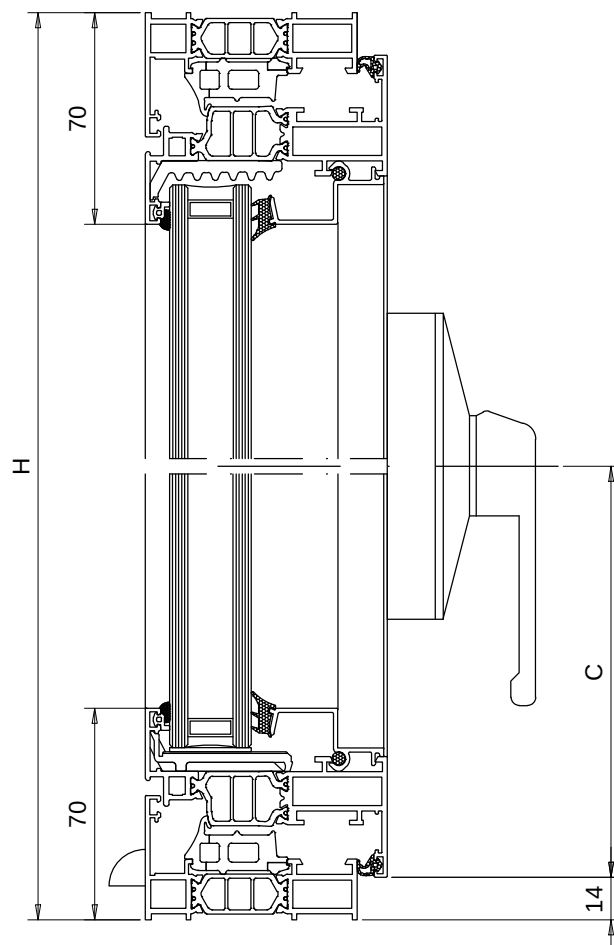
Spessore vetro considerato mm 27

For glass with 27 mm thickness

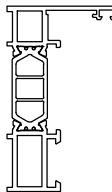
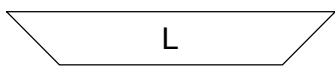
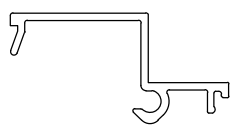
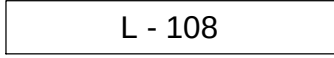
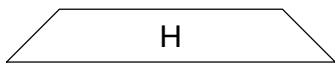
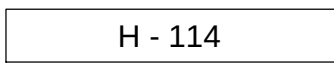
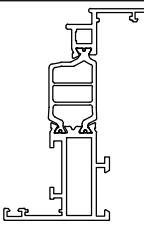
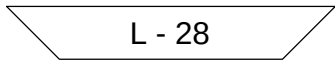
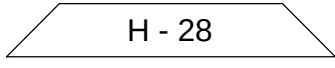
Vetro N° 1 pezzo

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	
TTP801	2		26567	2	
	2			Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
TTP815	2		6405		

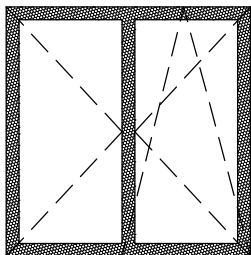
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-12 per peso anta 100/130 Kg
Layout ferramenta a scomparsa pag. 2-20

Per lavorazione fermavetri vedi pag. 8-14
For glass beading tooling see pag. 8-14

Handling accessories:
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
EA-0319	Espansore Adjustable block	7				126-2355	Guarnizione tenuta esterna External seal gasket	2L 2H
EA-0114	Squadretta esterna telaio External frame corner joint	4				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 2H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4						
EA-0407	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:

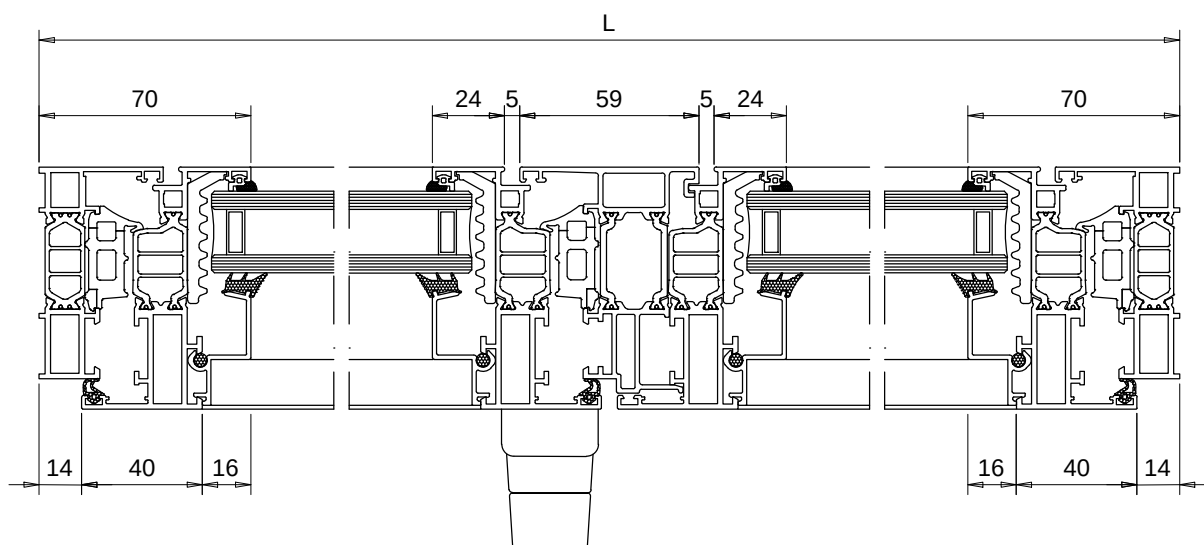
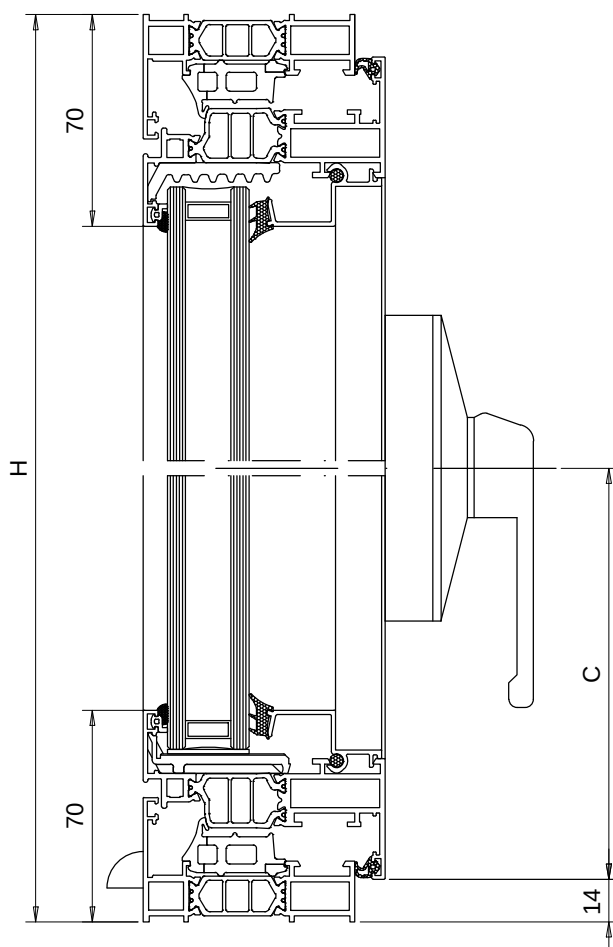
Spessore vetro considerato mm 27

For glass with 27 mm thickness

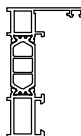
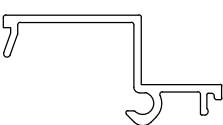
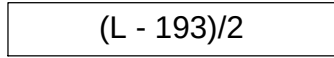
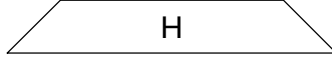
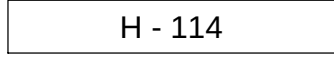
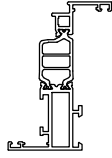
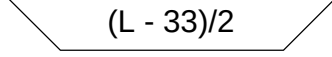
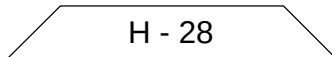
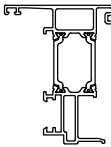
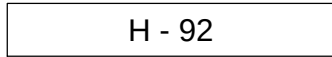
Vetro N° 2 pezzi

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
 TTP801	2	 L	 26567	4	 (L - 193)/2
	2	 H		4	 H - 114
 TTP815	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	
 TTP820	1	 H - 92			

Per accessori di movimentazione vedere:

Layout ferramenta a vista pag. 2-16 prima anta peso 100/130 Kg
Layout ferramenta a vista pag. 2-15 seconda anta peso 100/130 Kg
Layout ferramenta a scomparsa pag. 2-22 prima anta
Layout ferramenta a scomparsa pag. 2-21 seconda anta

Handling accessories:

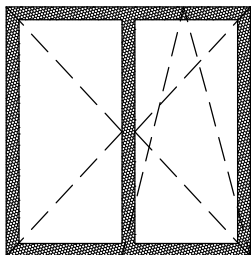
On view accessories layout pag. 2-16 first wing capacity 100/130 Kg
On view accessories layout pag. 2-15 second wing capacity 100/130 Kg
Concealed accessories layout pag. 2-22 first wing
Concealed accessories layout pag. 2-21 second wing

Per lavorazione fermavetri vedi pag. 8-14

For glass beading tooling see pag. 8-14

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
EA-0319	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				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 4H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0406	Tappi riporto centrale Seal plugs on central profile	1						
EA-0407	Tassello vetro per anta Wing glass support	4						

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



Note:

Notes:

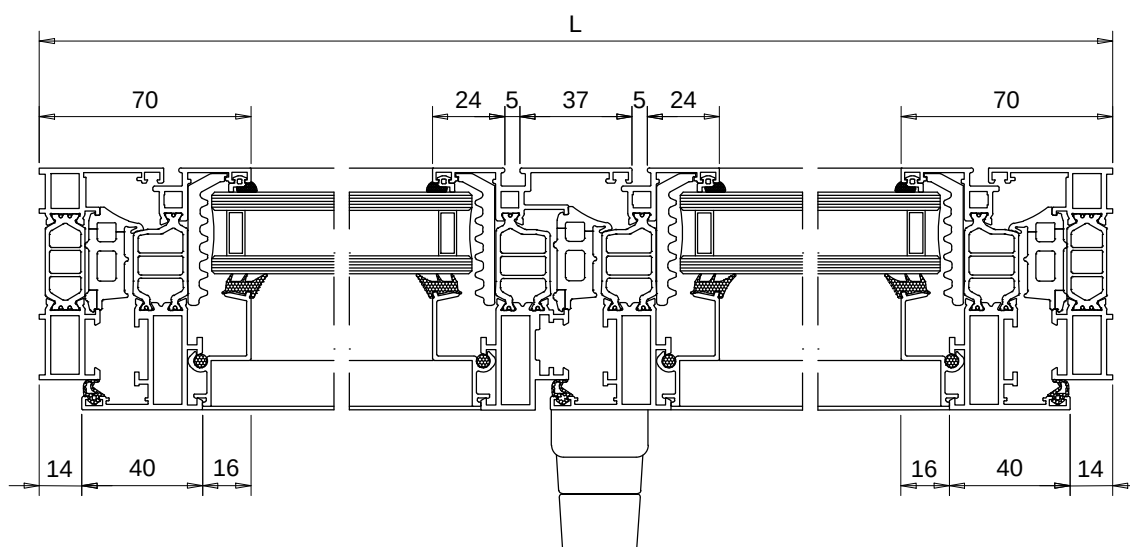
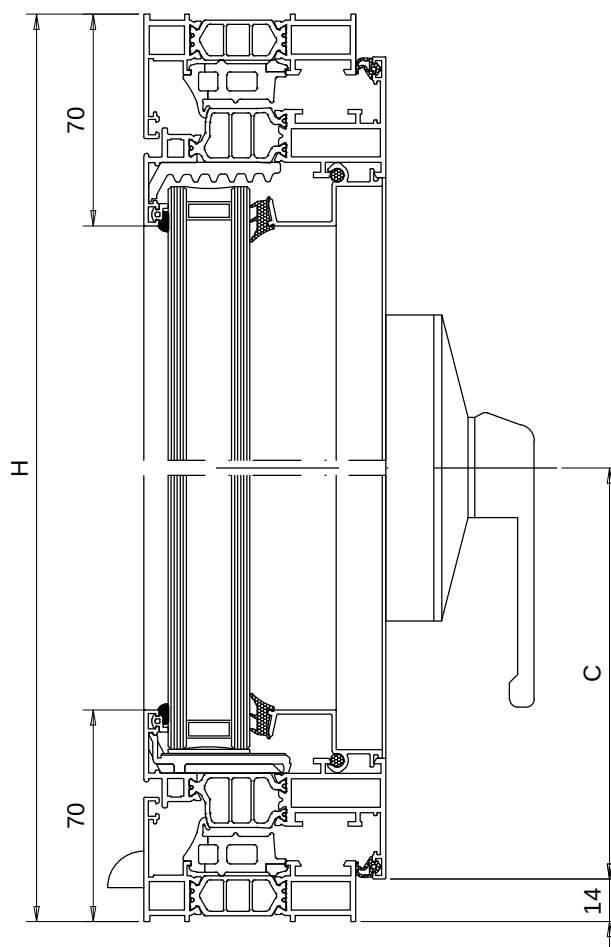
Spessore vetro considerato mm 27

For glass with 27 mm thickness

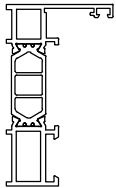
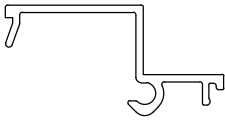
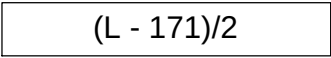
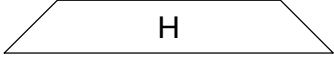
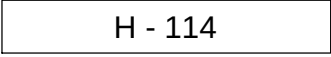
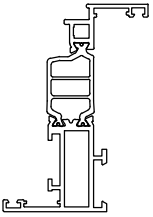
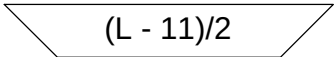
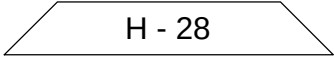
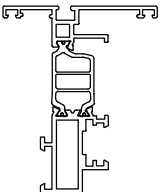
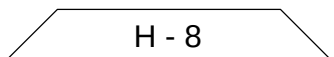
Vetro N° 2 pezzi

Glass N°2 pieces

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



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

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
	2			4	
TTP801	2		26567	4	
	4			Per lavorazioni vedi istruzioni nel kit di movimentazione	
TTP815	3		6405	For tooling see instructions in the handling accessories kit	
	1				
TTP824					

Per accessori di movimentazione vedere:

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

Layout ferramenta a vista pag. 2-15 seconda anta peso 100/130 Kg

Layout ferramenta a scomparsa pag. 2-22 prima anta

Layout ferramenta a scomparsa pag. 2-21 seconda anta

Handling accessories:

On view accessories layout pag. 2-16 first wing capacity 100/130 Kg

On view accessories layout pag. 2-15 second wing capacity 100/130 Kg

Concealed accessories layout pag. 2-22 first wing

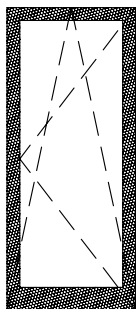
Concealed accessories layout pag. 2-21 second wing

Per lavorazione fermavetri vedi pag. 8-14

For glass beading tooling see pag. 8-14

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-0414	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				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 4H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0407	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:

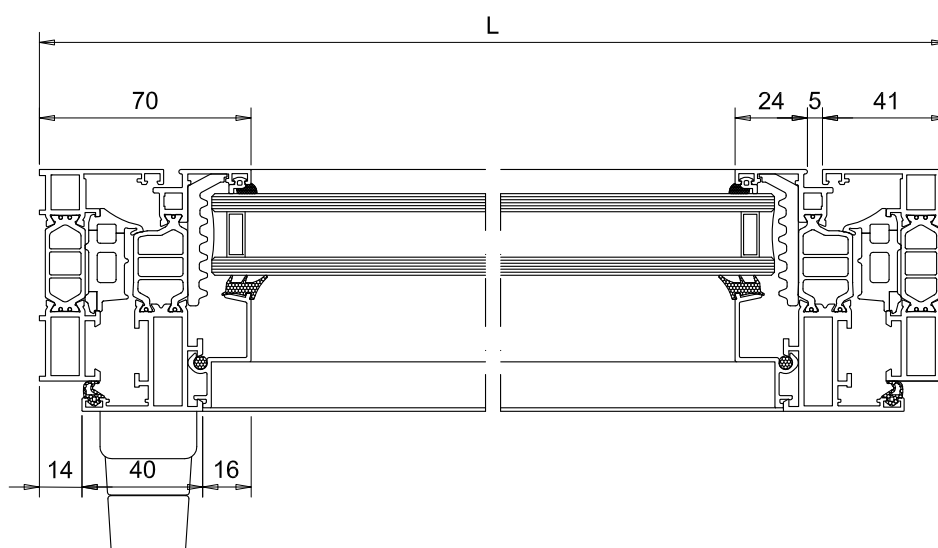
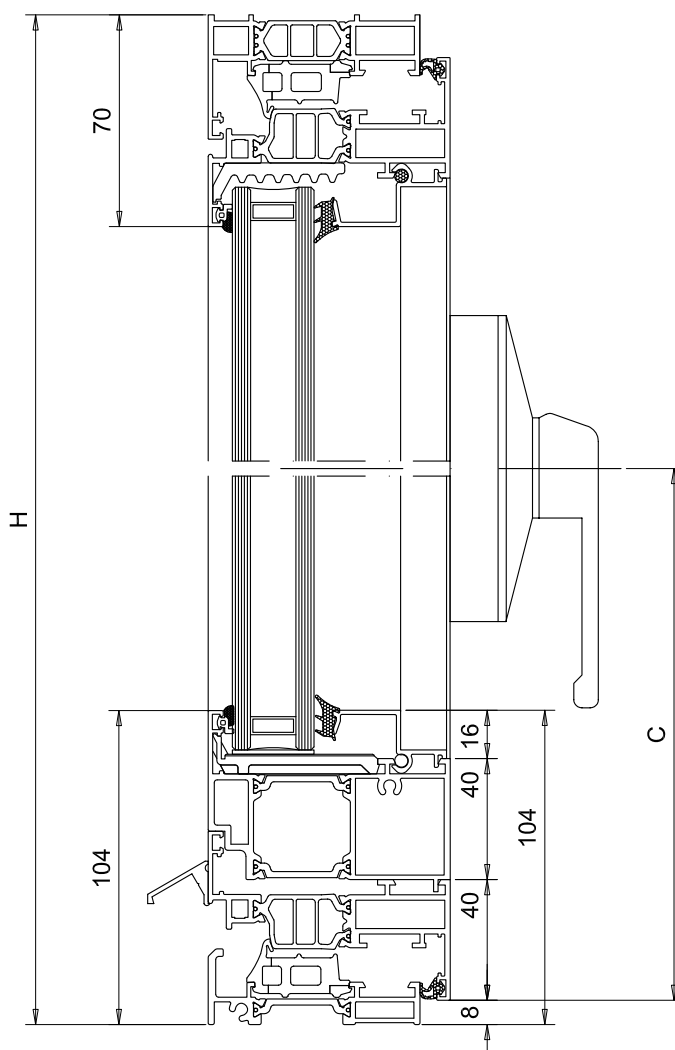
Spessore vetro considerato mm 27

For glass with 27 mm thickness

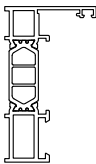
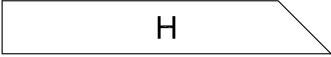
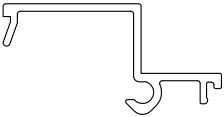
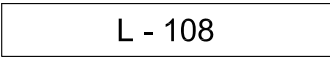
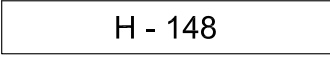
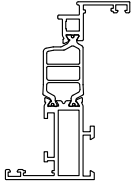
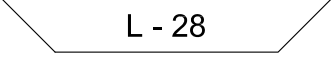
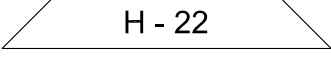
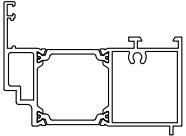
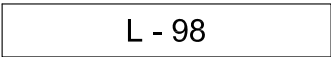
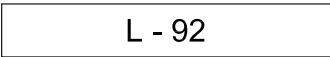
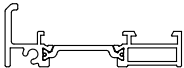
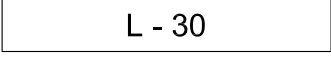
Vetro N° 1 pezzo

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
 TTP801	1 2	 	 26567	2 2	 
 TTP815	2 2	 	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
 TTP821	1		 5767	1	
 TTP842	1		Per accessori di movimentazione vedere: 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. 2-12 capacity 100/130 Kg Concealed accessories layout pag. 2-20 Per lavorazione fermavetri vedi pag. 8-14 For glass beading tooling see pag. 8-14		

**Accessori
Accessories**

Art. Item	Descrizione Description	N°pezzi Pcs
EA-0319	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
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4
EA-0407	Tassello vetro per anta Wing glass support	2

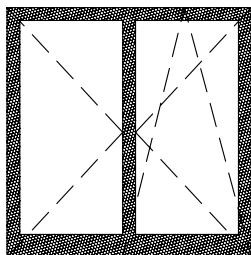
**Accessori
Accessories**

Art. Item	Descrizione Description	N°pezzi Pcs
EA-0432	Squadretta per soglia ribassata Corner joint for lowered threshold	2

**Guarnizioni
Gaskets**

Art. Item	Descrizione Description	N°pezzi Pcs
126-2355	Guarnizione tenuta esterna External seal gasket	2L 2H
EG-0081	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
EG-0082	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 12 pz
EG-0100	Guarnizione sottovetro Insulating gasket	2L 2H

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



Note:

Notes:

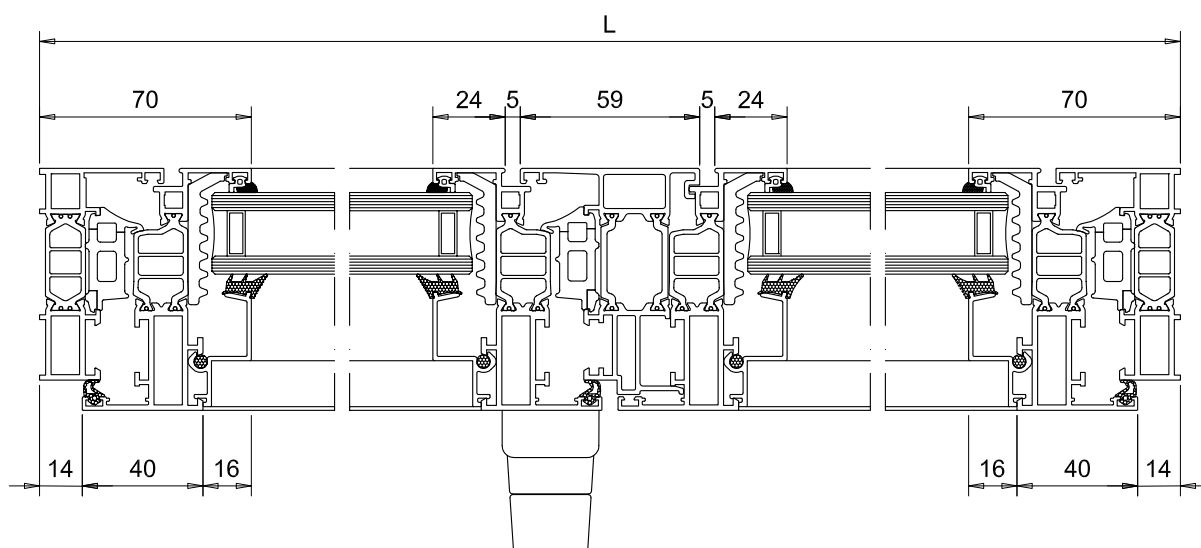
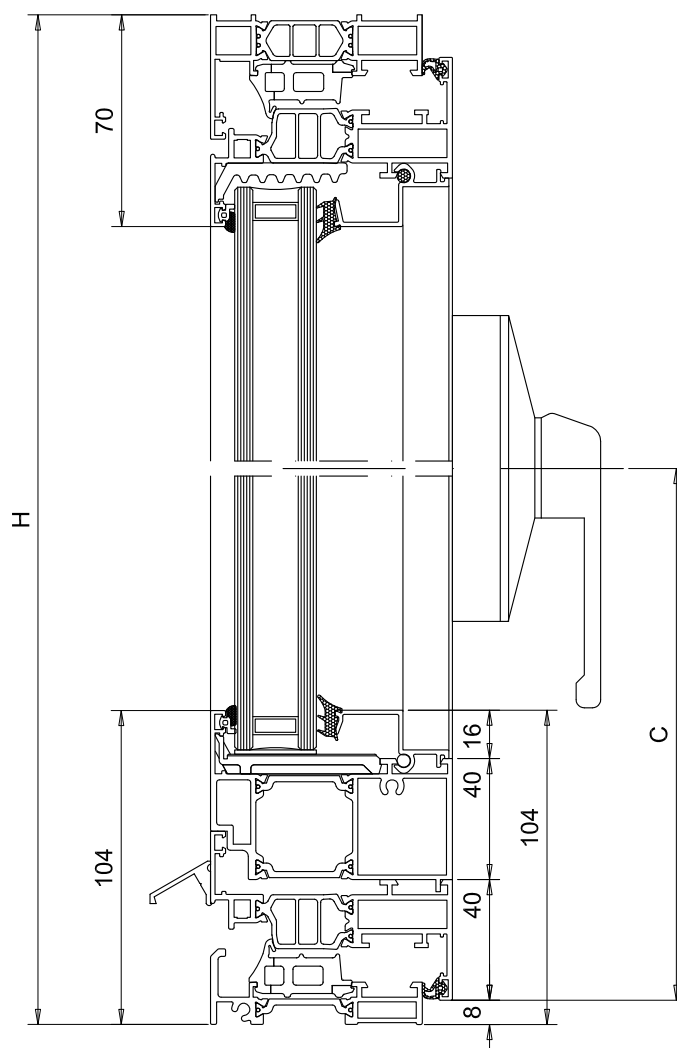
Spessore vetro considerato mm 27

For glass with 27 mm thickness

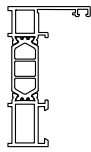
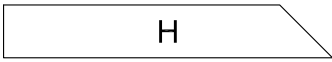
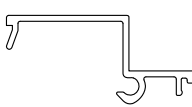
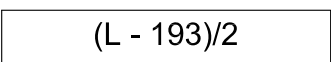
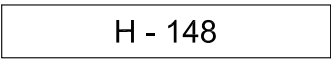
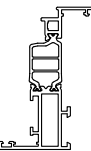
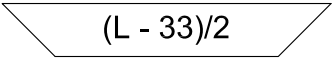
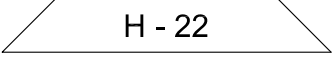
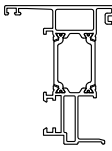
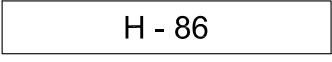
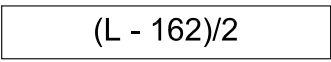
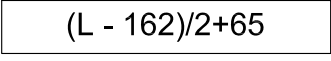
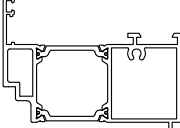
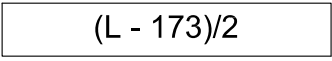
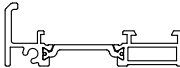
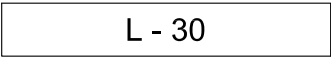
Vetro N° 2 pezzi

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
 TTP801	1 2	 	 26567	4 4	 
 TTP815	4 4	 	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
 TTP820	1		 5767	1 1	 
 TTP821	2		 TTP842	1	

Per accessori di movimentazione vedere:

Layout ferramenta a vista pag. 2-16 prima anta peso 100/130 Kg
Layout ferramenta a vista pag. 2-15 seconda anta peso 100/130 Kg
Layout ferramenta a scomparsa pag. 2-22 prima anta
Layout ferramenta a scomparsa pag. 2-21 seconda anta

Handling accessories:

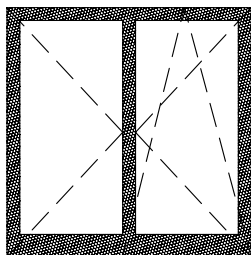
On view accessories layout pag. 2-16 first wing capacity 100/130 Kg
On view accessories layout pag. 2-15 second wing capacity 100/130 Kg
Concealed accessories layout pag. 2-22 first wing
Concealed accessories layout pag. 2-21 second wing

Per lavorazione fermavetri vedi pag. 8-14

For glass beading tooling see pag. 8-14

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
EA-0319	Espansore Adjustable block	14	EA-0432	Squadretta per soglia ribassata Corner joint for lowered threshold	2	126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	2				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 4H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0407	Tassello vetro per anta Wing glass support	4						
EA-0406	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:

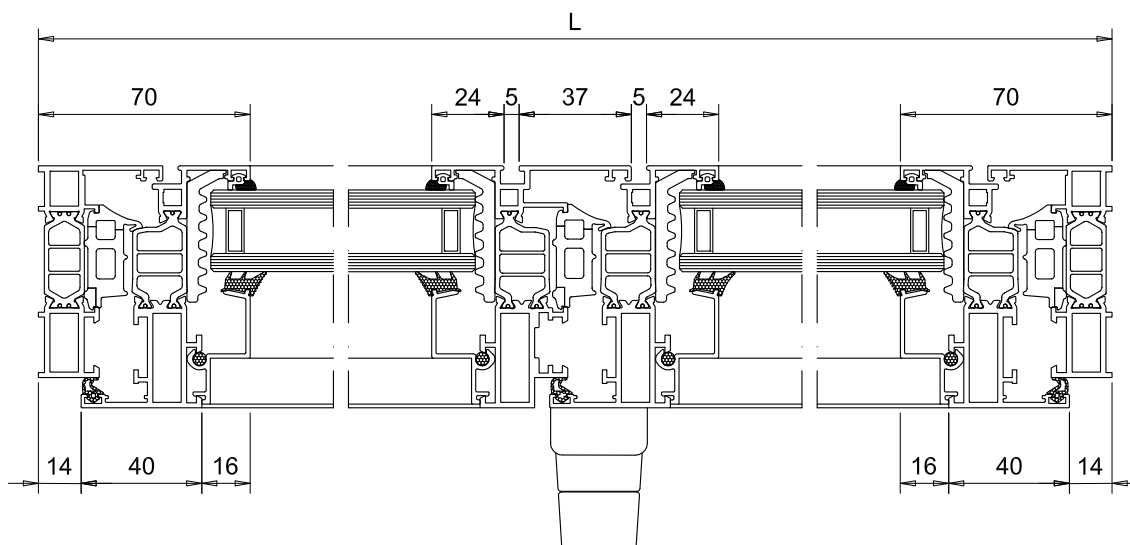
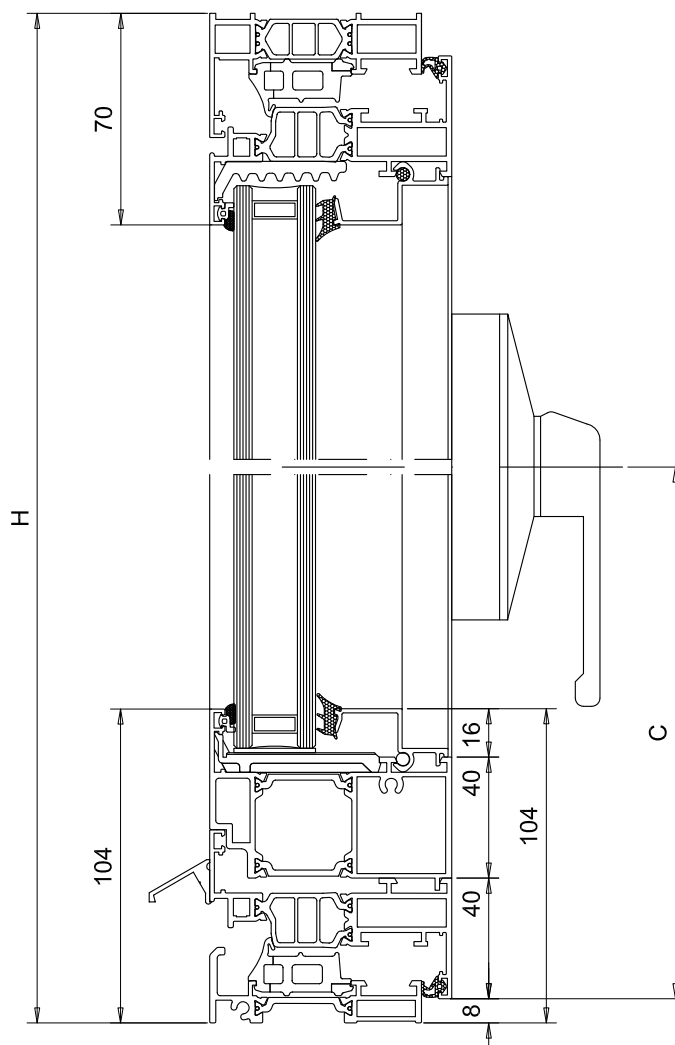
Spessore vetro considerato mm 27

For glass with 27 mm thickness

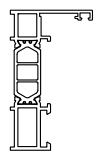
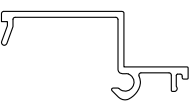
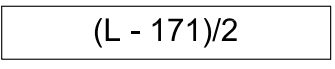
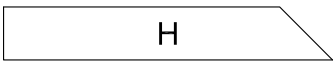
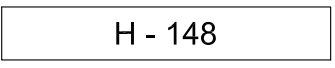
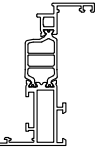
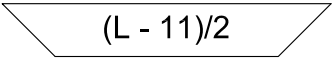
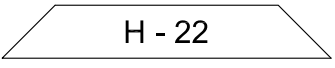
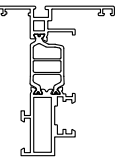
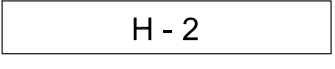
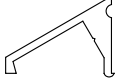
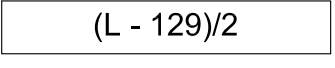
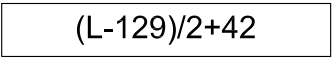
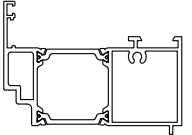
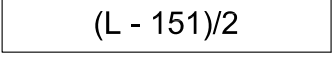
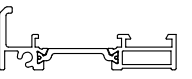
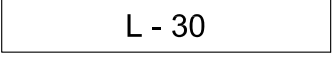
Vetro N° 2 pezzi

Glass N°2 pieces

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



Portabalcone a due ante incontro T/Z - Two wing balcony door central T/Z

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP801	1		 26567	4	
	2			4	
 TTP815	4		 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
	4				
 TTP824	1		 5767	1	
				1	
 TTP821	2		 TTP842	1	

Per accessori di movimentazione vedere:

Layout ferramenta a vista pag. 2-16 prima anta peso 100/130 Kg
Layout ferramenta a vista pag. 2-15 seconda anta peso 100/130 Kg
Layout ferramenta a scomparsa pag. 2-22 prima anta
Layout ferramenta a scomparsa pag. 2-24 seconda anta

Handling accessories:

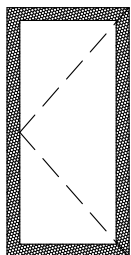
On view accessories layout pag. 2-16 first wing capacity 100/130 Kg
On view accessories layout pag. 2-15 second wing capacity 100/130 Kg
Concealed accessories layout pag. 2-22 first wing
Concealed accessories layout pag. 2-21 second wing

Per lavorazione fermavetri vedi pag. 8-14

For glass beading tooling see pag. 8-14

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
EA-0319	Espansore Adjustable block	14	EA-0432	Squadretta per soglia ribassata Corner joint for lowered threshold	2	126-2355	Guarnizione tenuta esterna External seal gasket	2L 3H
EA-0114	Squadretta esterna telaio External frame corner joint	2				EG-0081	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				EG-0082	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				EG-0100	Guarnizione sottovetro Insulating gasket	2L 4H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8						
EA-0407	Tassello vetro per anta Wing glass support	4						
EA-0414	Tappi riporto centrale Seal plugs on central profile	1						

Finestra ad un anta - One wing casement window



Note:

Notes:

Spessore vetro considerato mm 48

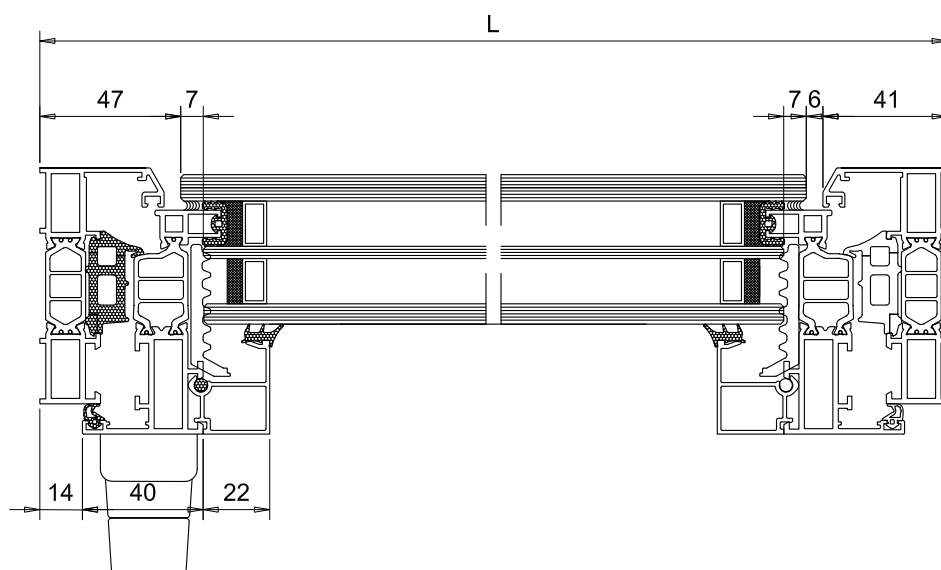
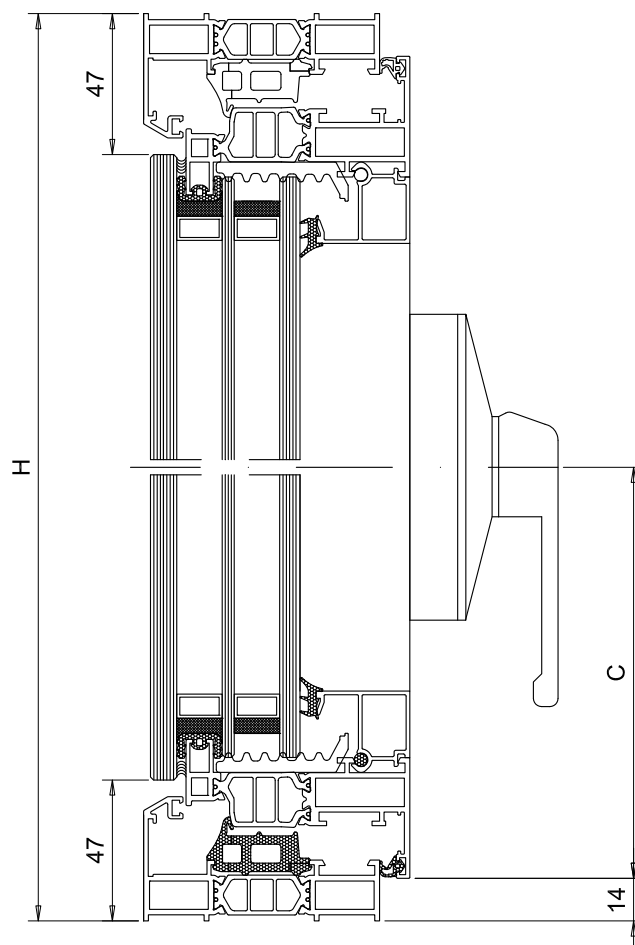
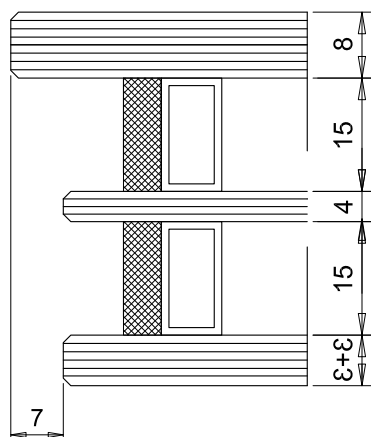
For glass with 48 mm thickness

Vetro N° 1 pezzo

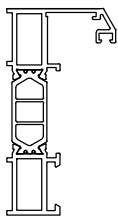
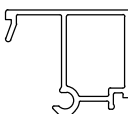
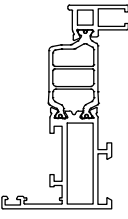
Glass N°1 piece

(L-94) (H-94)

Particolare con quote
spessore dei vetri



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
 TTP804	2	L	 24560	2	L - 108
	2	H		2	H - 152
 TTP823	2	L - 28	 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione	
	2	H - 28		For tooling see instructions in the handling accessories kit	

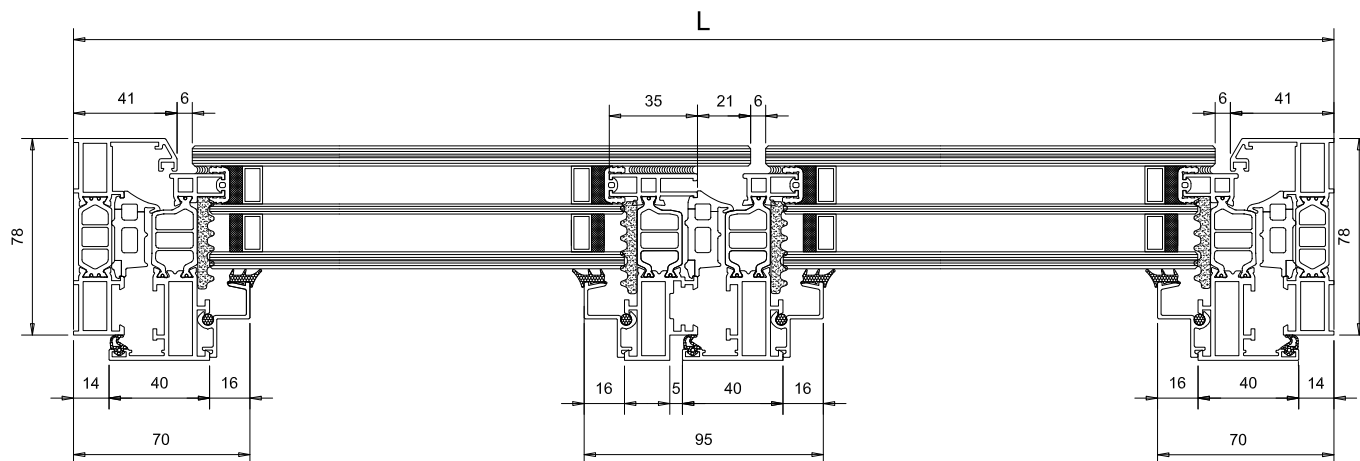
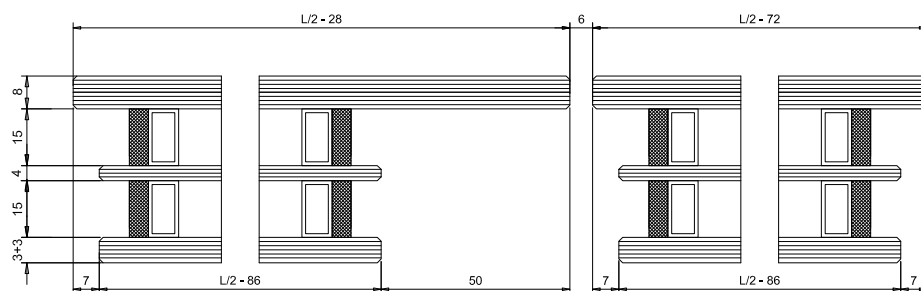
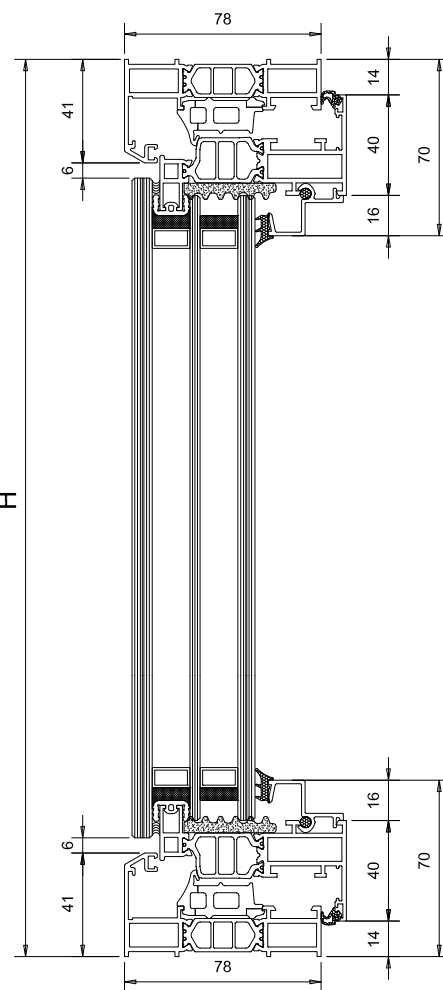
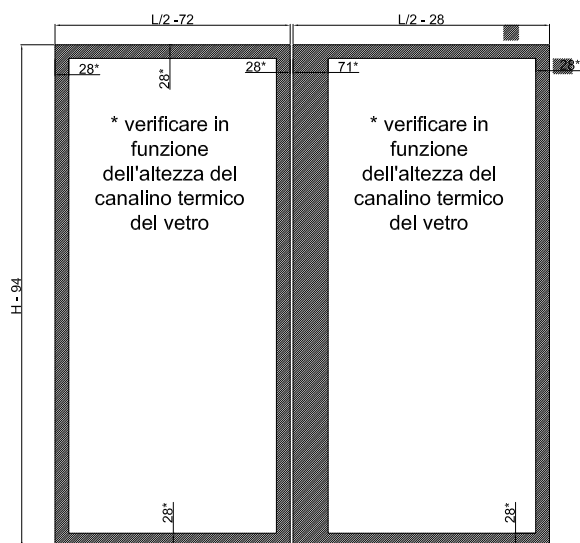
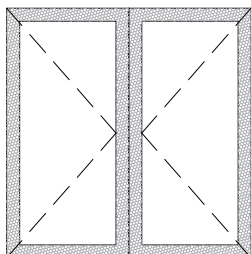
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-10 per peso anta 80 Kg
Layout ferramenta a vista pag. 2-11 per peso anta 100/130 Kg
Layout ferramenta a scomparsa pag. 2-19

Per lavorazione fermavetri vedi pag. 8-14
For glass beading tooling see pag. 8-14

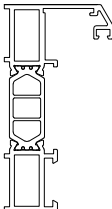
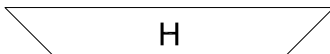
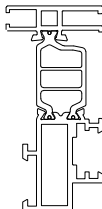
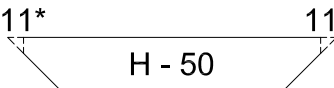
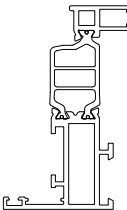
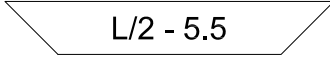
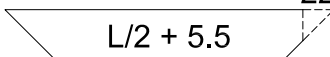
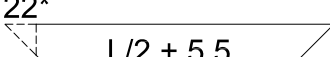
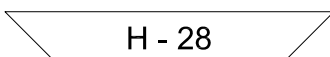
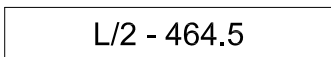
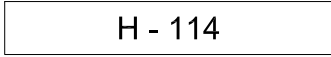
Handling accessories:
On view accessories layout pag. 2-10 capacity 80 Kg
On view accessories layout pag. 2-11 capacity 100/130 Kg
Concealed accessories layout pag. 2-19

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
EA-0319	Espansore Adjustable block	7				126-2355	Guarnizione tenuta esterna External seal gasket	2L 2H
EA-0115	Squadretta telaio Frame corner joint	8				EG-0081	Guarnizione di tenuta centrale Central seal gasket	2L 2H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	4				526-7026	Guarnizione di vetro esterna External glass beading gasket	2L 2H
EA-0113	Squadretta esterna anta External wing corner joint	4				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 2H
EA-0116	Squadretta interna anta Internal wing corner joint	4				EG-0082	Angolo vulcanizzato Vulcanized angle	N° 4 pz
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	4				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 12 pz
142-2145	Drenaggio acqua Water drainage	2				EG-0100	Guarnizione sottovetro Insulating gasket	2L 2H

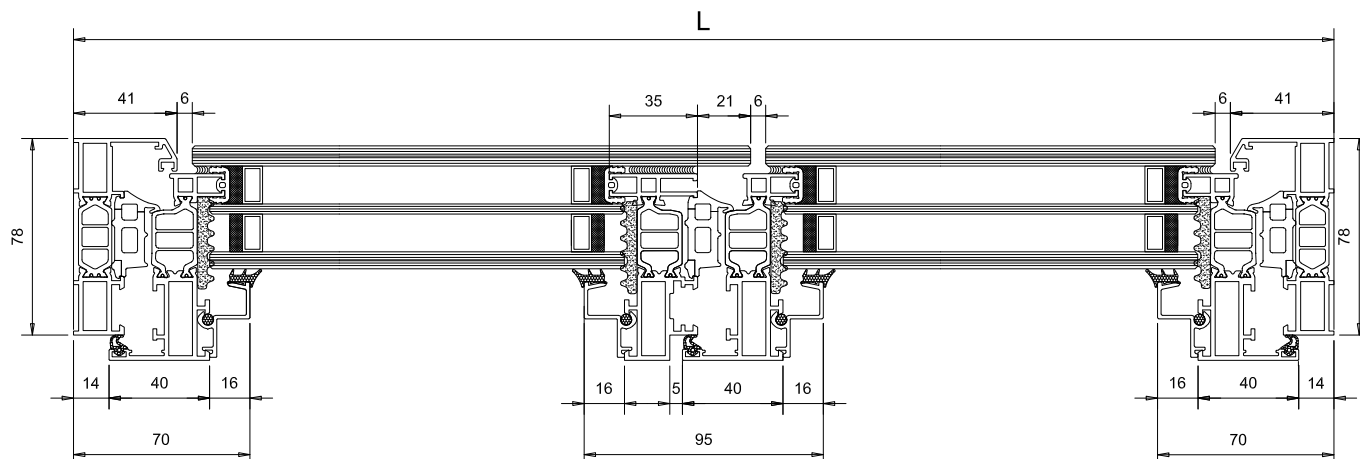
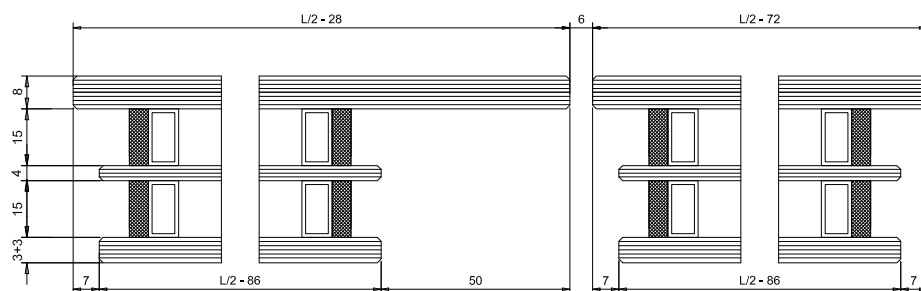
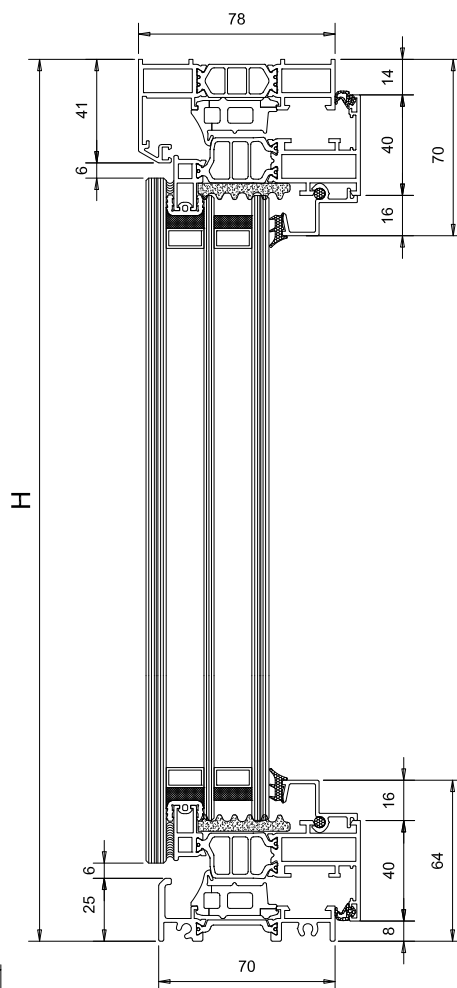
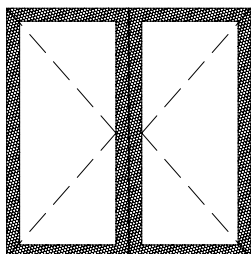
Finestra con vetro strutturale a due ante
Two wings structural glass window



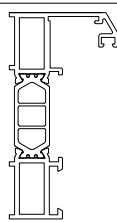
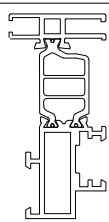
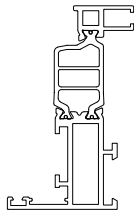
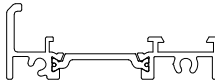
**Finestra con vetro strutturale a due ante
Two wings structural glass window**

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP804	2 2	 	 TTP834	1	 * Materiale da asportare vedi lav.
 TTP823	2 1 1 3	   	 26565	4 4	 
* Materiale da asportare vedi lavorazione			 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
Per accessori di movimentazione vedere: Layout ferramenta a vista pag. 2-10 per peso anta 80 Kg Layout ferramenta a vista pag. 2-11 per peso anta 100/130 Kg Layout ferramenta a scomparsa pag. 2-19 Handling accessories: On view accessories layout pag. 2-10 capacity 80 Kg On view accessories layout pag. 2-11 capacity 100/130 Kg Concealed accessories layout pag. 2-19 Per lavorazione fermavetri vedi pag. 8-14 For glass beading tooling see pag. 8-14					
Accessori Accessories			Accessori Accessories		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
EA-0319	Espansore Adjustable block	8			
EA-0115	Squadretta telaio Frame corner joint	8			
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	8			
EA-0113	Squadretta esterna anta External wing corner joint	8			
EA-0116	Squadretta interna anta Internal wing corner joint	8			
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8			
142-2145	Drenaggio acqua Water drainage	3			
EA-0434	Tappi di riporto centrale Seal plugs on central profiles	N° 1 pz			
Guarnizioni Gaskets			Guarnizioni Gaskets		
Art. Item	Descrizione Description	N°pezzi Pcs	Art. Item	Descrizione Description	N°pezzi Pcs
126-2355	Guarnizione battuta interna External seal gasket	2L 2H			
EG-0081	Guarnizione di tenuta centrale Central seal gasket	2L 3H			
526-7026	Guarnizione di vetro esterna External glass beading gasket	2L 4H			
126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 4H			
EG-0082	Angolo vulcanizzato Vulcanized angle	N° 4 pz			
EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 24 pz			
EG-0100	Guarnizione sottovetro Insulating gasket	2L 4H			

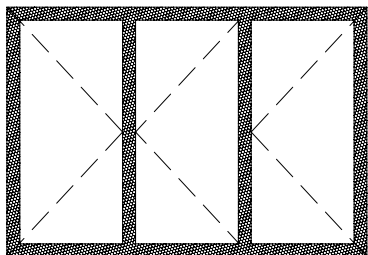
Finestra con vetro strutturale a due ante con soglia ribassata
Two wings structural glass window with lowered threshold



Finestra con vetro strutturale a due ante con soglia ribassata
Two wings structural glass window with lowered threshold

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation			
 TTP804	1 1 1	L H H	 TTP834	1	11* H - 44 11* * Materiale da asportare vedi lav.			
 TTP823	2 1 1 3	L/2 - 5.5 L/2 + 5.5 L/2 + 5.5 H - 22	 26565	4 4	L/2 - 464.5 H - 108			
* Materiale da asportare vedi lavorazione			 6405	Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit				
Per accessori di movimentazione vedere: Layout ferramenta a vista pag. 2-10 per peso anta 80 Kg Layout ferramenta a vista pag. 2-11 per peso anta 100/130 Kg Layout ferramenta a scomparsa pag. 2-19 Handling accessories: On view accessories layout pag. 2-10 capacity 80 Kg On view accessories layout pag. 2-11 capacity 100/130 Kg Concealed accessories layout pag. 2-19 Per lavorazione fermavetri vedi pag. 8-14 For glass beading tooling see pag. 8-14			 TTP836	1	L - 30			
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
EA-0319	Espansore Adjustable block	8				126-2355	Guarnizione battuta interna External seal gasket	2L 2H
EA-0115	Squadretta telaio Frame corner joint	4				EG-0081	Guarnizione di tenuta centrale Central seal gasket	2L 3H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	4				526-7026	Guarnizione di vetro esterna External glass beading gasket	2L 4H
EA-0113	Squadretta esterna anta External wing corner joint	8				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 4H
EA-0116	Squadretta interna anta Internal wing corner joint	8				EG-0082	Angolo vulcanizzato Vulcanized angle	N° 4 pz
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	8				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 24 pz
142-2145	Drenaggio acqua Water drainage	3				EG-0100	Guarnizione sottovetro Insulating gasket	2L 4H
EA-0434	Tappi per riporto centrale Seal plugs on central profiles	N° 1 pz				EG-0434	Coppia tappi "TZ" pair of "TZ" caps	N° 1 pz

Finestra a tre ante riporto centrale - Three wings casement window central rabbet



Note:

Notes:

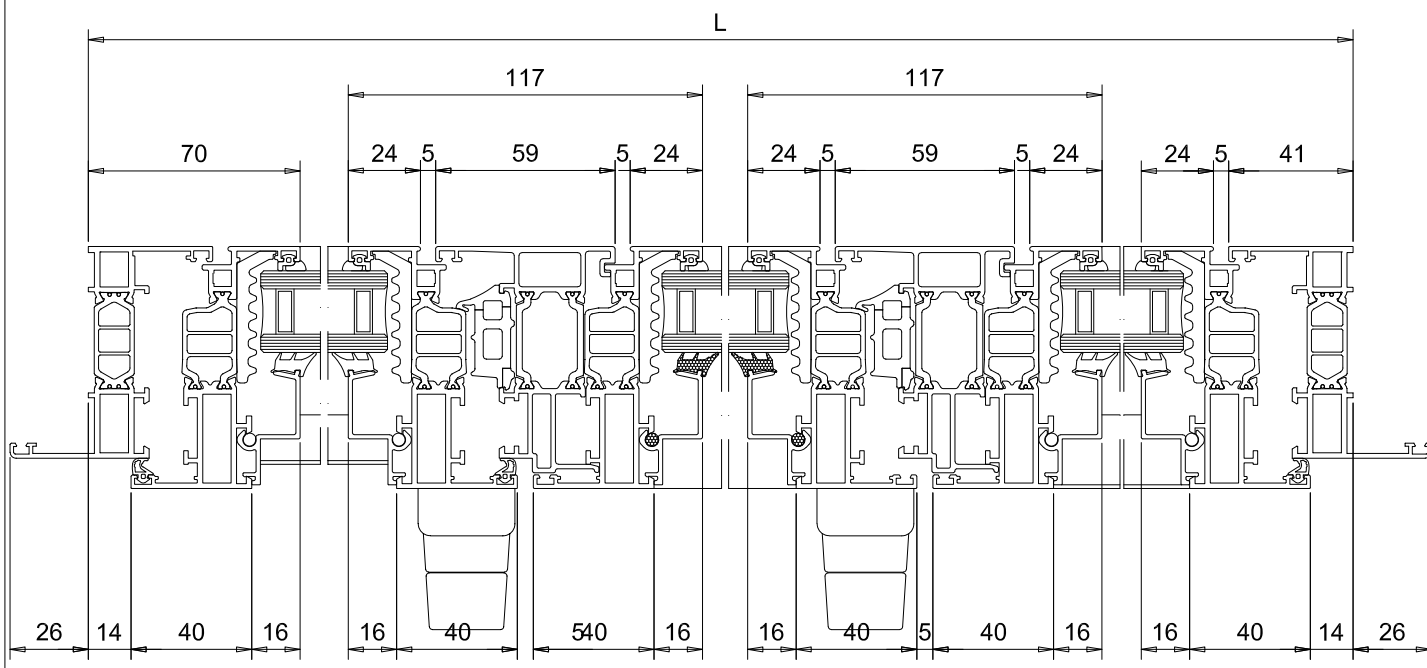
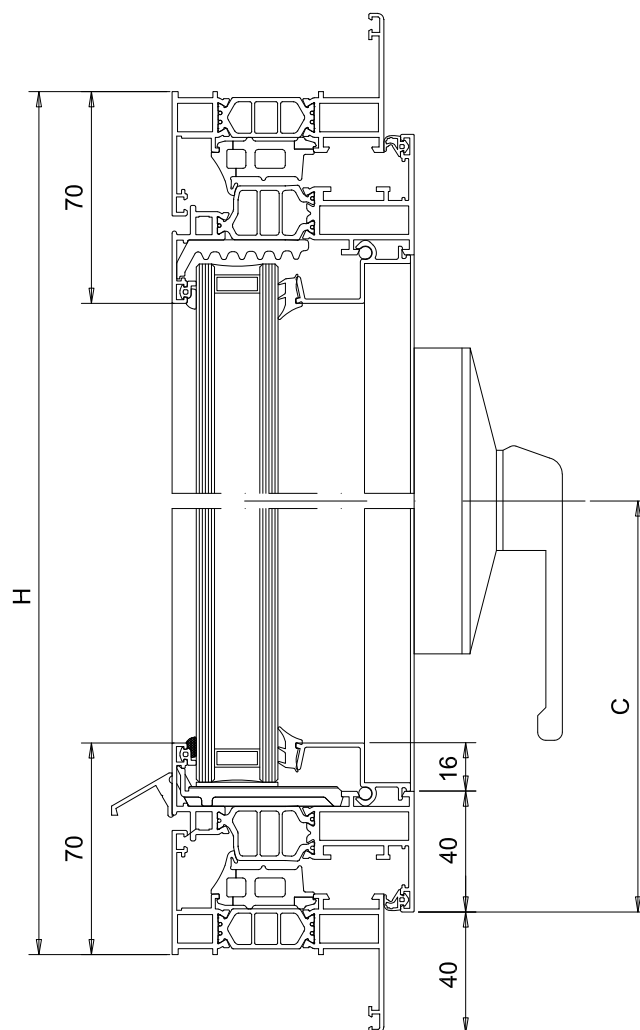
Spessore vetro considerato mm 27

For glass with 27 mm thickness

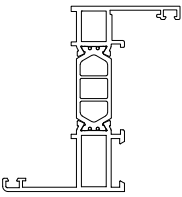
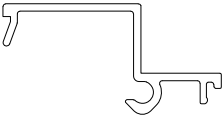
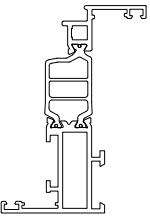
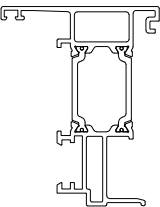
Vetro N° 3 pezzi

Glass N°3 pieces

(L-296)/3 (H-114)



Finestra a tre ante riporto centrale - Three wings casement window central rabbet

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
	2	L+52		6	(L - 278)/3
TTP802	2	H+52	26567	6	H - 114
	6	(L - 38)/3		Per lavorazioni vedi istruzioni nel kit di movimentazione For tooling see instructions in the handling accessories kit	
TTP815	6	H - 28	6405		
	2	H - 92			
TTP820					

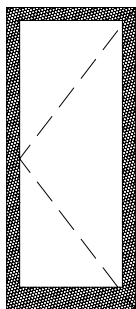
Per accessori di movimentazione vedere:
Layout ferramenta a vista pag. 2-24 per peso anta 80 Kg

Per lavorazione fermavetri vedi pag. 8-14
For glass beading tooling see pag. 8-14

Handling accessories:
On view accessories layout pag. 2-24 capacity 80 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
EA-0319	Espansore Adjustable block	9	142-2145	Drenaggio acqua Water drainage	4	126-2355	Guarnizione tenuta esterna External seal gasket	2L 4H
EA-0114	Squadretta esterna telaio External frame corner joint	4				EG-0081	Guarnizione di tenuta centrale Central seal gasket	2L 4H
EA-0115	Squadretta interna telaio Internal frame corner joint	4				EG-0069	Guarnizione di vetro esterna External glass beading gasket	2L 6H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	4				126-2195	Guarnizione di vetro interna Internal glass beading gasket	2L 6H
EA-0113	Squadretta esterna anta External wing corner joint	12				EG-0082	Angolo vulcanizzato Vulcanized angle	N° 4 pz
EA-0116	Squadretta interna anta Internal wing corner joint	12				EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 32 pz
EA-0148	Squadretta all. esterna anta External wing align. corner joint	12				EG-0100	Guarnizione sottovetro Insulating gasket	2L 6H
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	12						
EA-0406	Tappi riporto centrale Seal plugs on central profile	2						
EA-0407	Tassello vetro per anta Wing glass support	6						

Porta ad un'anta apertura interna - One wing door internal opening



Note:

Notes:

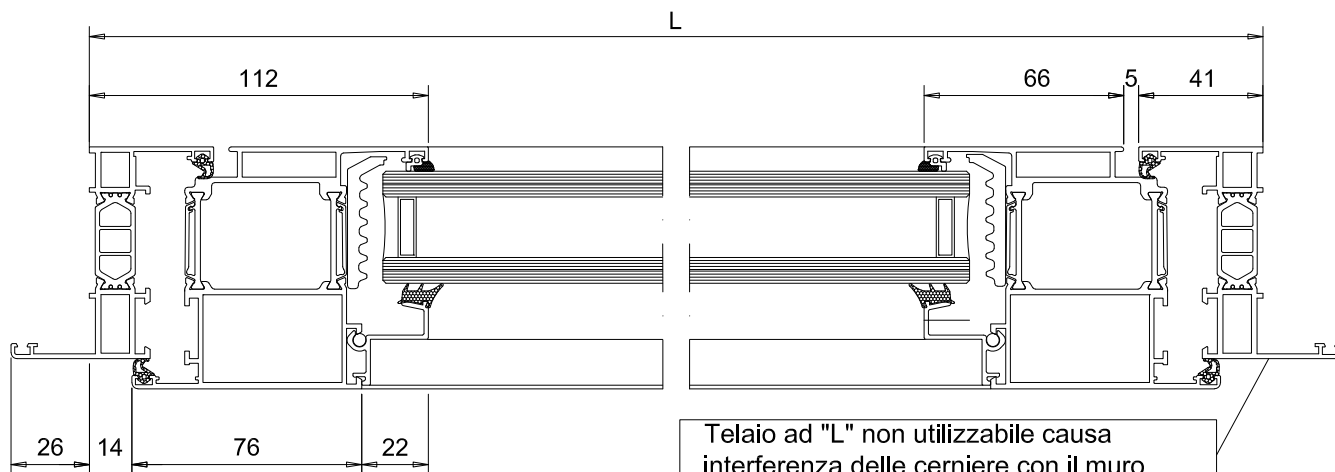
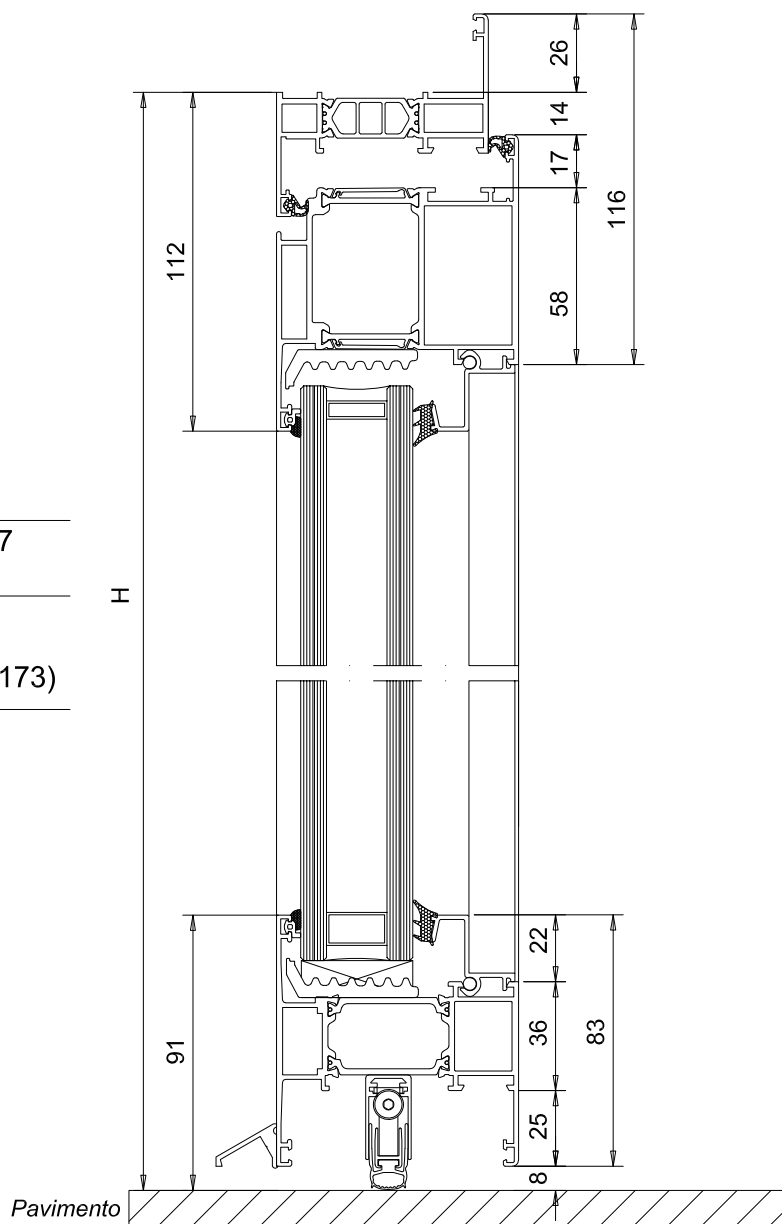
Spessore vetro considerato mm 37

For glass with 27 mm thickness

Vetro N° 1 pezzo

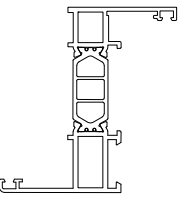
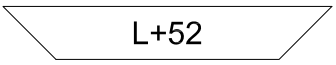
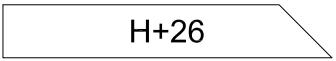
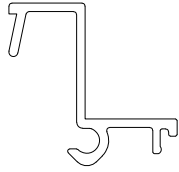
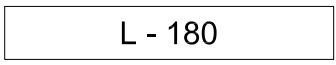
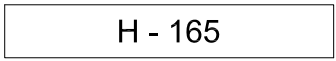
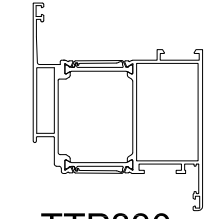
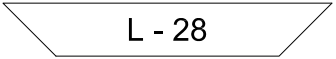
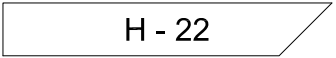
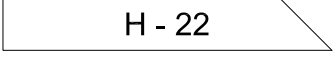
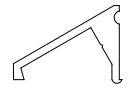
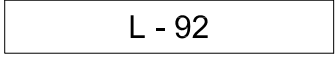
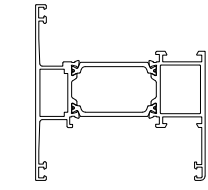
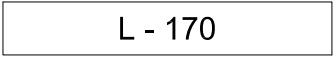
Glass N°1 piece

(L-194) (H-173)

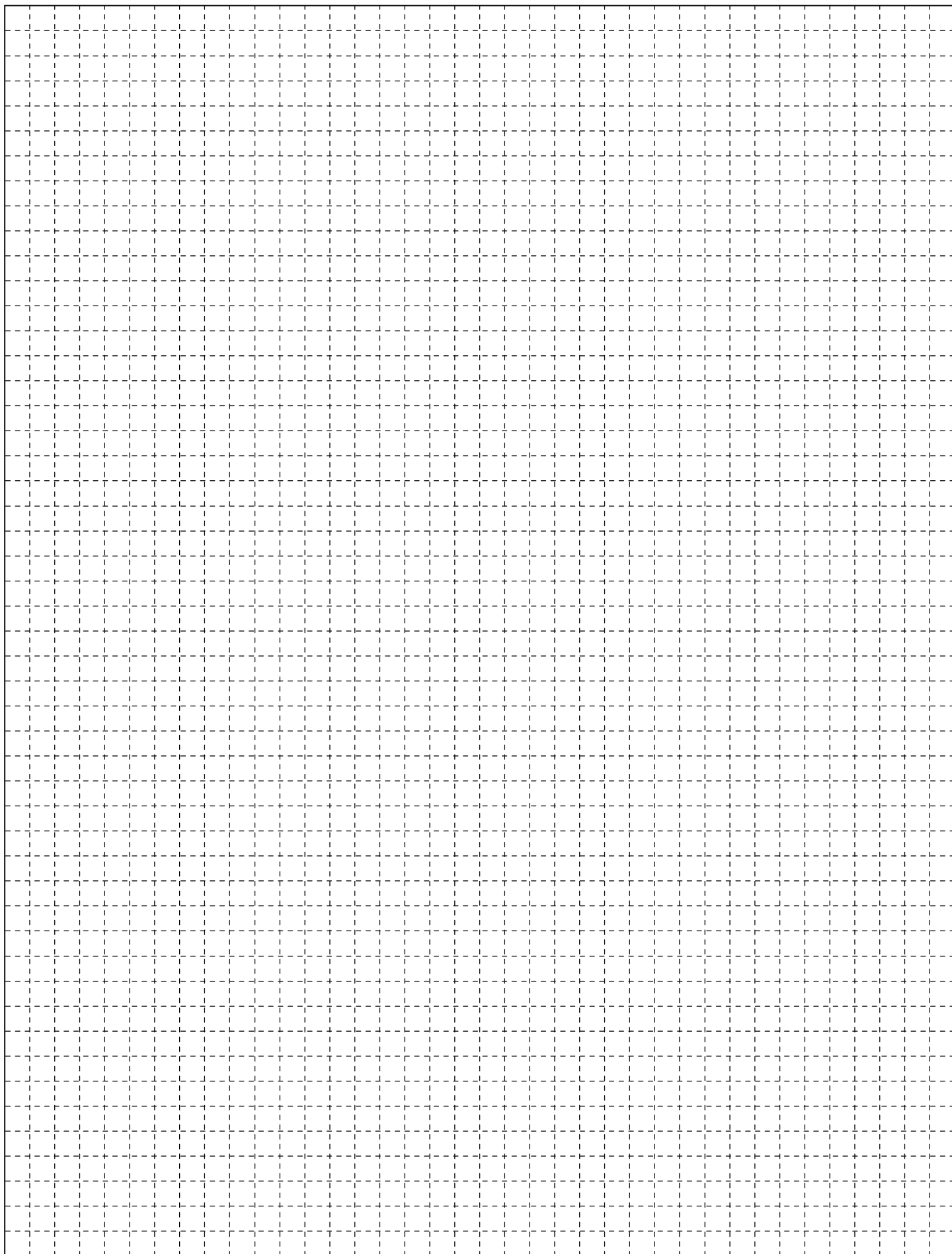


Telaio ad "L" non utilizzabile causa
interferenza delle cerniere con il muro
L-shaped frame not usable cause
interference of the hinges with the wall

Porta ad un'anta apertura interna - *One wing door internal opening*

Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation	Profilo Profile	N° Pezzi Pcs	Schema di taglio Preparation
 TTP802	1 2	 	 26562	2 2	 
 TTP830	1 1 1	  	 5767	1	
 TTP831	1				
			Per lavorazione fermavetri vedi pag. 8-18 For glass beading tooling see pag. 8-18		

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
EA-0319	Espansore Adjustable block	14	EA-0413	Cavallotto Esterno anta External wing T-Joint	2	126-2355	Guarnizione tenuta esterna External seal gasket	2L 4H
EA-0114	Squadretta esterna telaio External frame corner joint	2	EA-0143	Spina per Cavallotto EA-0413 Pin for T-joint EA-0413	2	EG-0069	Guarnizione vetro esterna External glass beading gasket	2L 2H
EA-0115	Squadretta interna telaio Internal frame corner joint	2	174-1591	Squadretta allineamento esterna External wing align. corner joint	2	126-2195	Guarnizione vetro interna Internal glass beading gasket	2L 2H
EA-0147	Squadretta all. esterna telaio External frame align. corner joint	2	*EA-0179	Soglia automatica Automatic door bottom seal	1	EG-0052	Guarnizione fissaggio fermavetri Gasket for fixing glass beading	N° 12 pz
EA-0398	Squadretta esterna anta External wing corner joint	2	EA-0002	Cerniera a pettine Two-handed comb hinge	3	EG-0100	Guarnizione sottovetro Insulating gasket	2L 2H
174-1806	Squadretta interna anta Internal wing corner joint	2						
174-1591	Squadretta all. esterna anta External wing align. corner joint	2						
653-040.4	Squadretta allin. interno anta Internal wing align. corner joint	2						
EA-0412	Cavallotto Interno anta Internal wing T-Joint	2						
EA-0117	Vite per Cavallotto EA-0412 Screw for T-Joint EA-0412	2						



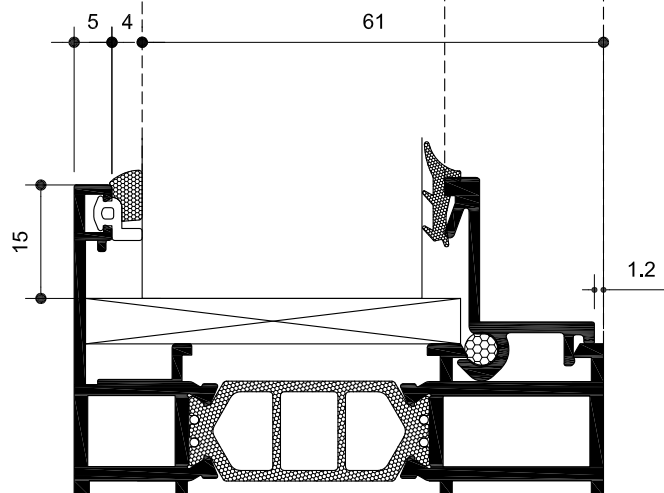
VETRAZIONI



GLAZING

Schema vetratura telaio - Frame glazing diagram

Spessore vetro	Guarnizione Interna	Larghezza fermavetro	Fermavetro
26	B	29	26562
27	B		
28	A		
29	A		
30	B	25	26561
31	B		
32	A		
33	A		
34	B	21	24676
35	B		
36	A		
37	A		



EG-0069

Guarnizione esterna
da 4 mm

126-2194



A

Guarnizione interna
da 3+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.



126-2195

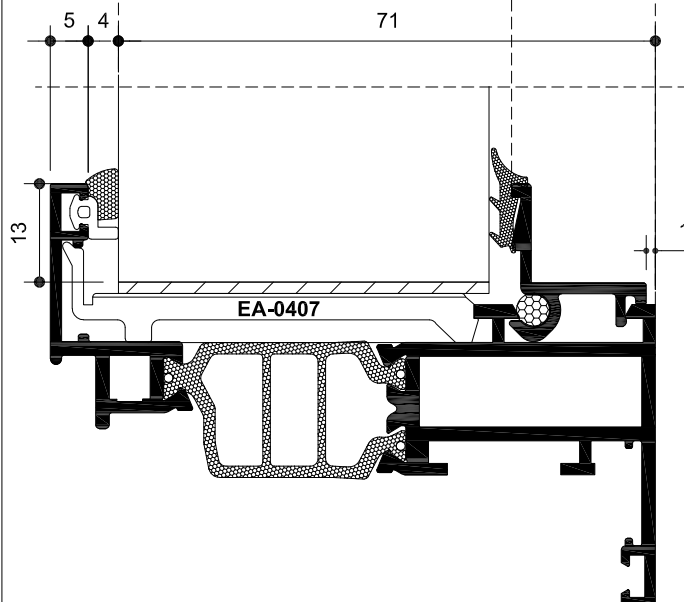
B

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 puo' correggere l'eventuale discordanza tra quote nominali e reali.

Schema vetratura anta - Wing glazing diagram

Spessore vetro	Guarnizione interna	Larghezza fermavetro	Fermavetro
22	B	43	26633
23	B		
24	A		
25	A		
26	B	39	26567
27	B		
28	A		
29	A		
30	B	35	26566
31	B		
32	A		
33	A		
34	B	31	26565
35	B		
36	A		
37	A		
38	B	27	26564
39	B		
40	A		
41	A		
42	B	23	26563
43	B		
44	A		
45	A		
46	B	19	26572
47	B		
48	A		
49	A		



EG-0069

Guarnizione esterna
da 4 mm

126-2194



A

Guarnizione interna
da 3+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.

126-2195

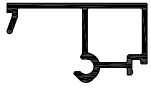
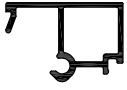


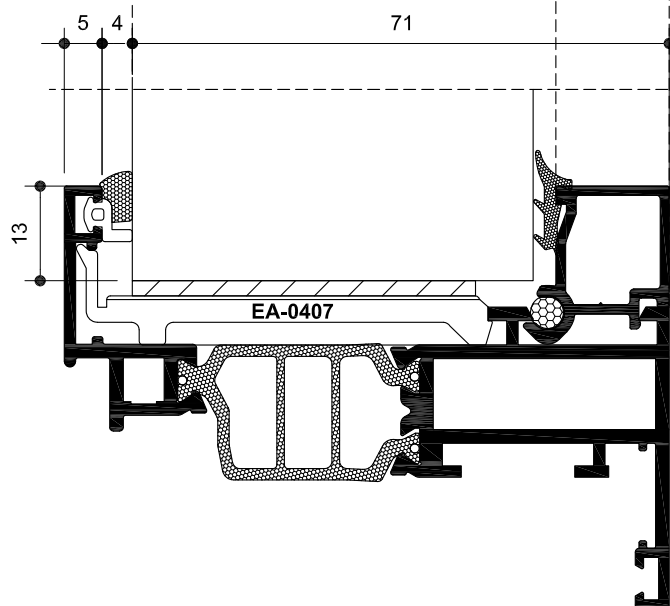
B

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 anta - Wing glazing diagram

Spessore vetro	Guarnizione interna	Larghezza fermavetro	Fermavetro
26	C	37	32201 
27	C		
28	B		
29	B		
30	A		
31	A		
32	C	31	24611 
33	C		
34	B		
35	B		
36	A		
37	A		
40	C	23	24612 
41	C		
42	B		
43	B		
44	A		
45	A		
48	C	15	32200 
49	C		
50	B		
51	B		
52	A		
53	A		

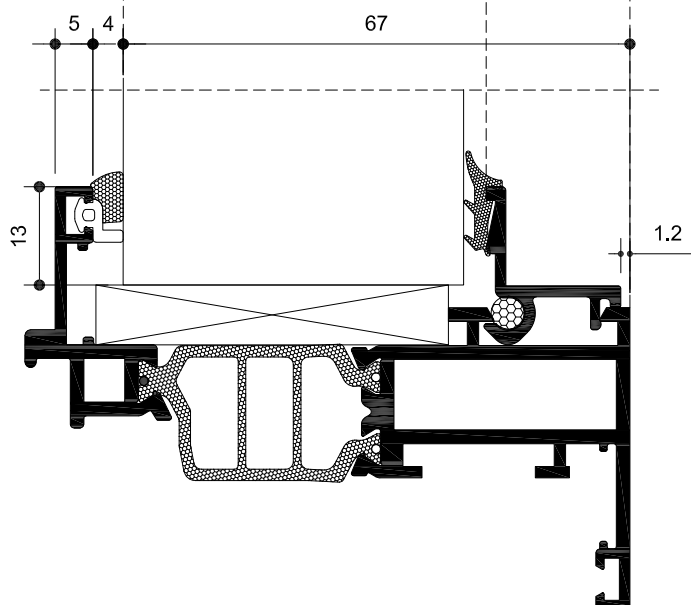


- 126-2194**
 **A** Guarnizione interna da 3+4 mm
- 126-2195**
 **B** Guarnizione interna da 5+6 mm
- 126-2197**
 **C** Guarnizione interna da 7+8 mm
- EG-0069**
 **EG-0069** Guarnizione esterna da 4 mm
- EG-0052**
 **EG-0052** Guarnizione per fissaggio fermavetri e cavallotti (a pezzi L = 50 mm.)
Campi 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.

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 anta "linea ferro" - Shaped wing glazing diagram

Spessore vetro	Guarnizione interna	Larghezza fermavetro	Fermavetro
18	B	43	26633
19	B		
20	A		
21	A		
22	B	39	26567
23	B		
24	A		
25	A		
26	B	35	26566
27	B		
28	A		
29	A		
30	B	31	26565
31	B		
32	A		
33	A		
34	B	27	26564
35	B		
36	A		
37	A		
38	B	23	26563
39	B		
40	A		
41	A		
42	B	19	26572
43	B		
44	A		
45	A		



EG-0069

Guarnizione esterna
da 4 mm

126-2194



A

Guarnizione interna
da 3+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.

126-2195



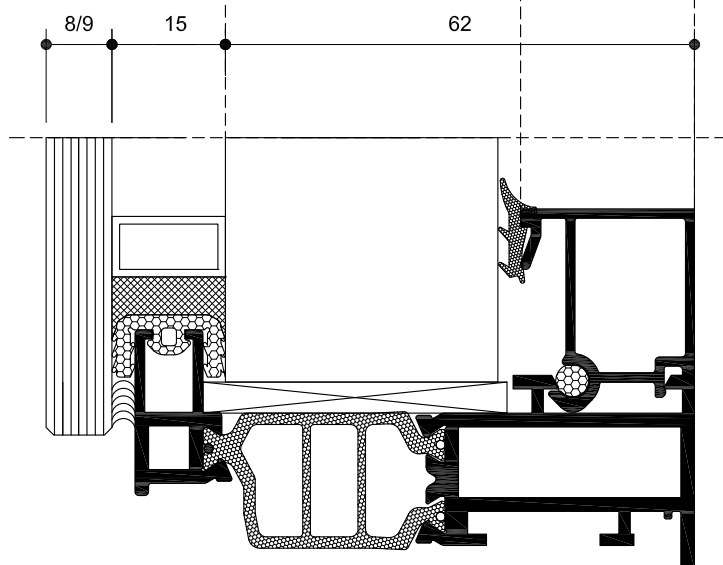
B

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 puo' correggere l'eventuale discordanza tra quote nominali e reali.

Schema vetratura anta - Wing glazing diagram

Spazio vetro	Guarnizione Interna	Larghezza fermavetro	Fermavetro
11	B	45	24561
12	B		
13	A		
14	A		
13	B	43	24560
14	B		
15	A		
16	A		
15	B	41	24559
16	B		
17	A		
18	A		
17	B	39	24558
18	B		
19	A		
20	A		
19	B	37	24557
20	B		
21	A		
22	A		
23	B	33	24556
24	B		
25	A		
26	A		
25	B	31	24528
26	B		
27	A		
28	A		
27	B	29	24573
28	B		
29	A		
30	A		
29	B	27	24572
30	B		
31	A		
32	A		
33	B	23	24571
34	B		
35	A		
36	A		



126-2194

A
Guarnizione interna
da 3+4 mm

126-2195

B
Guarnizione interna
da 5+6 mm

EG-0052



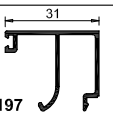
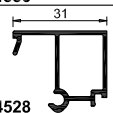
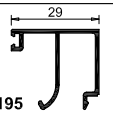
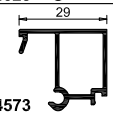
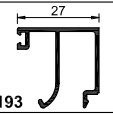
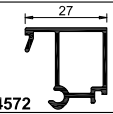
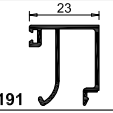
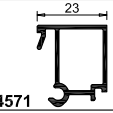
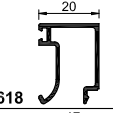
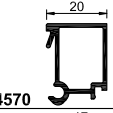
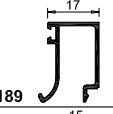
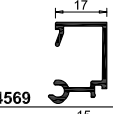
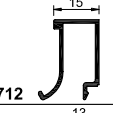
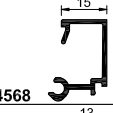
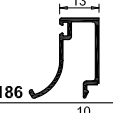
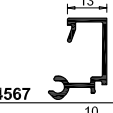
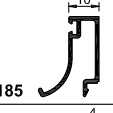
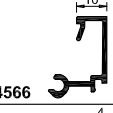
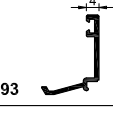
Guarnizione per
fissaggio fermavetri
e cavallotti
(a pezzi L = 50 mm.)

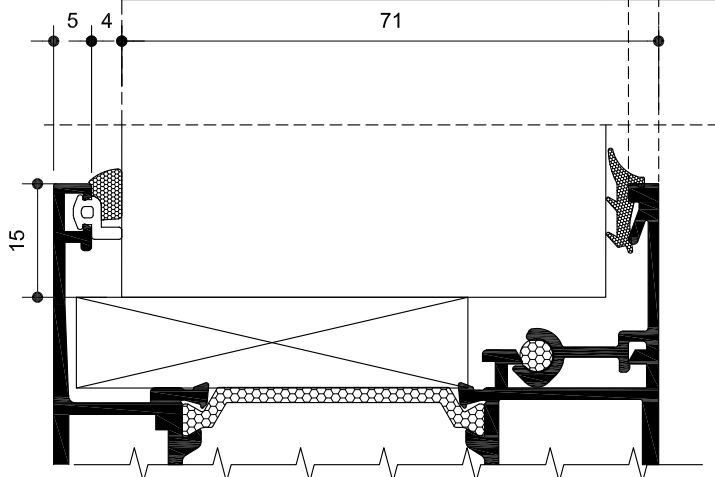
Campi di utilizzo:

- 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.

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 vetrazione per profilo TTP830/TTP831 - TTP830/TTP831 wing's door glazing diagram

Spessore vetro	Guarnizione Interna	Larghezza fermavetro	Fermavetro	
32	B	33		
33	B			
34	A			
35	A			
34	B	31		
35	B			
36	A			
37	A			
36	B	29		
37	B			
38	A			
39	A			
38	B	27		
39	B			
40	A			
41	A			
42	B	23		
43	B			
44	A			
45	A			
45	B	20		
46	B			
47	A			
48	A			
48	B	17		
49	B			
50	A			
51	A			
50	B	15		
51	B			
52	A			
53	A			
52	B	13		
53	B			
54	A			
55	A			
55	B	10		
56	B			
57	A			
58	A			
61	B	4		
62	B			
63	A			
64	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



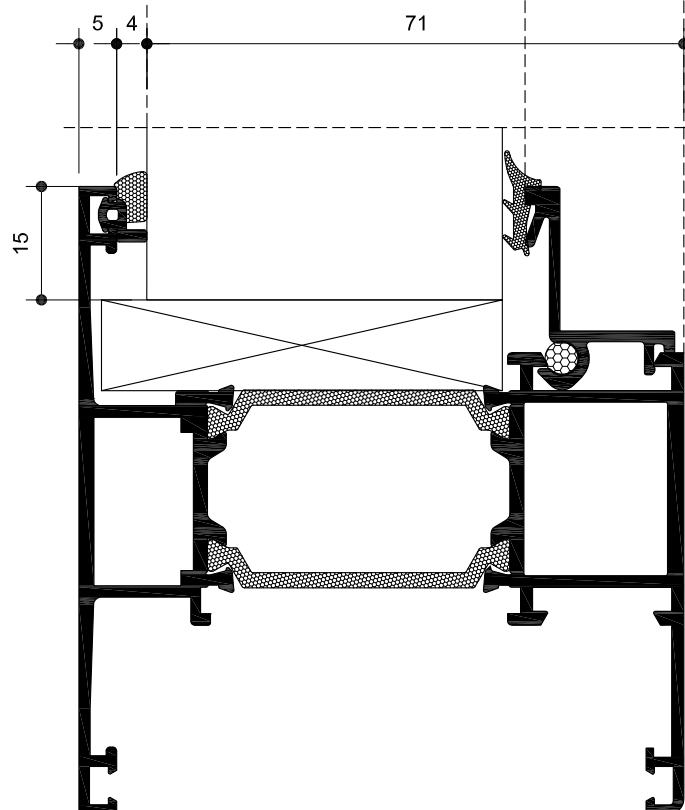
126-2195

Guarnizione interna
da 5+6 mm

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

Schema vetratura per profilo TTP830/TTP831 - TTP830/TTP831 wing's door glazing diagram

Spessore vetro	Guarnizione interna	Larghezza fermavetro	Fermavetro
36	B	29	26562
37	B		
38	A		
39	A		
40	B	25	26561
41	B		
42	A		
43	A		
44	B	21	24676
45	B		
46	A		
47	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

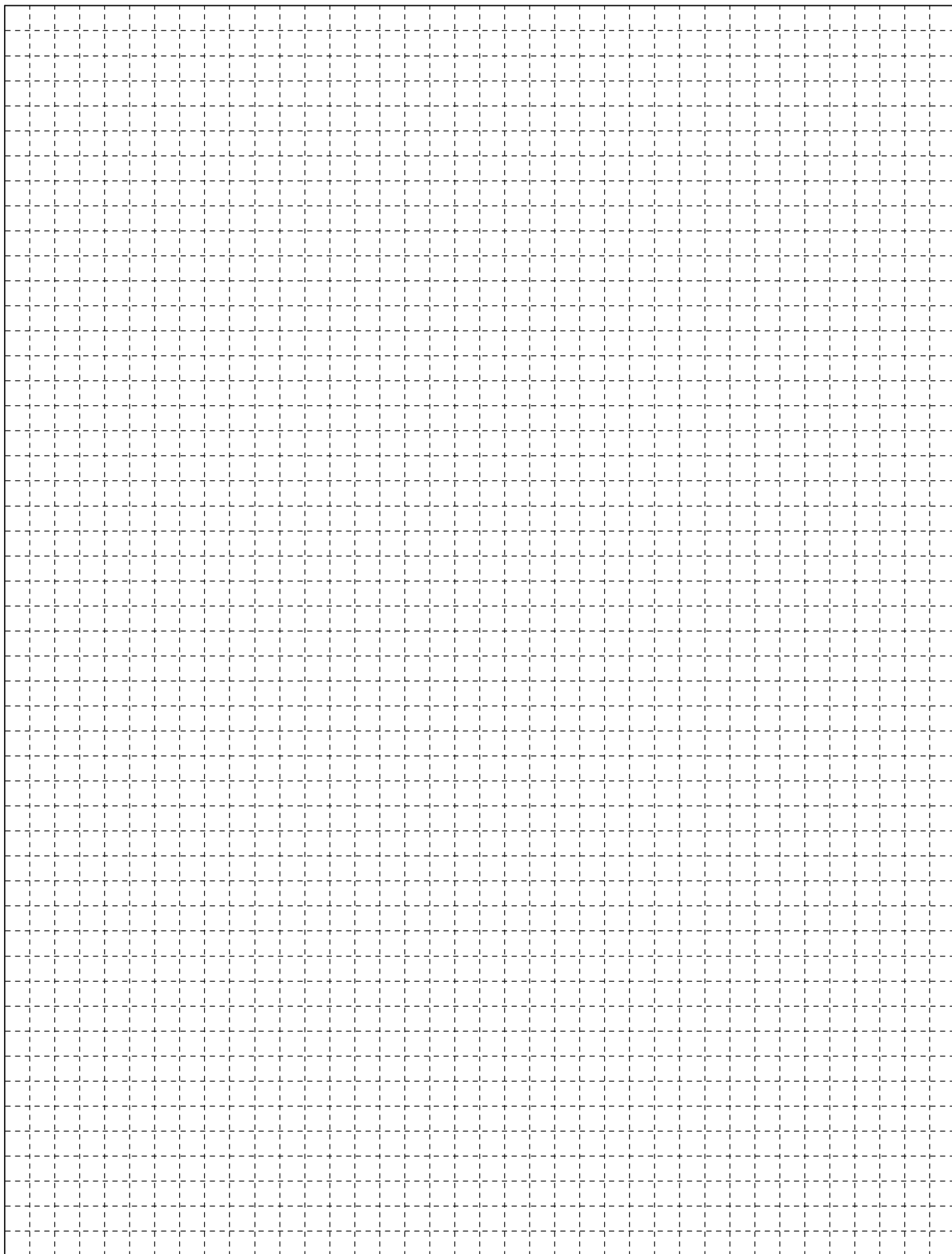


126-2195

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 puo' correggere l'eventuale discordanza tra quote nominali e reali.



LAVORAZIONI



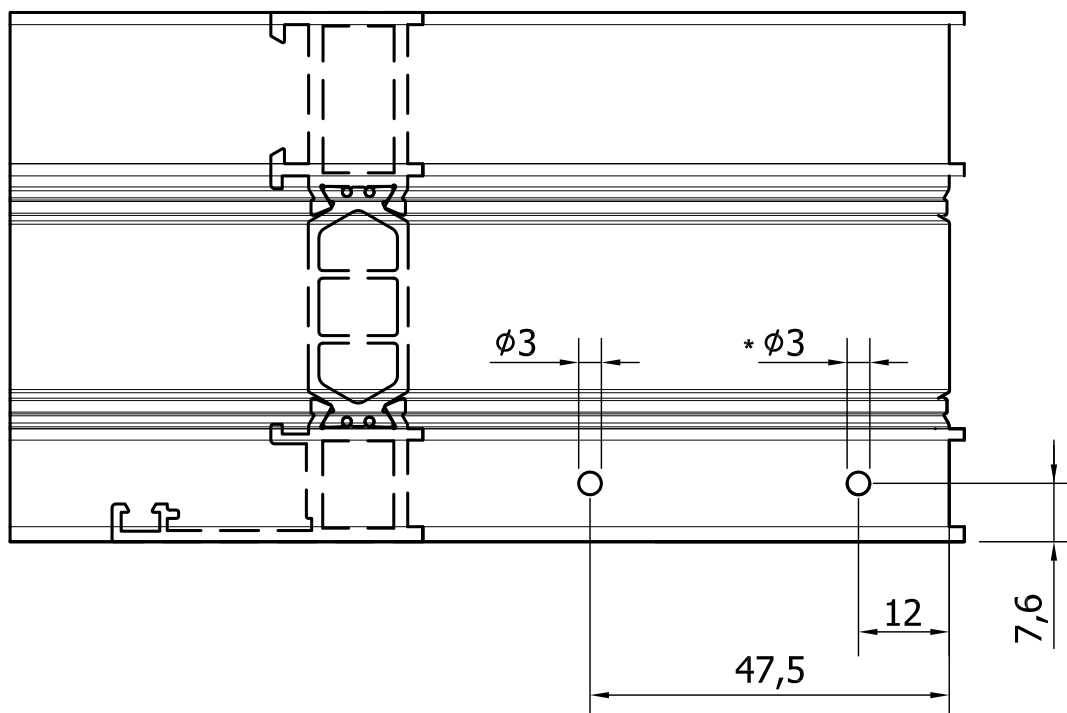
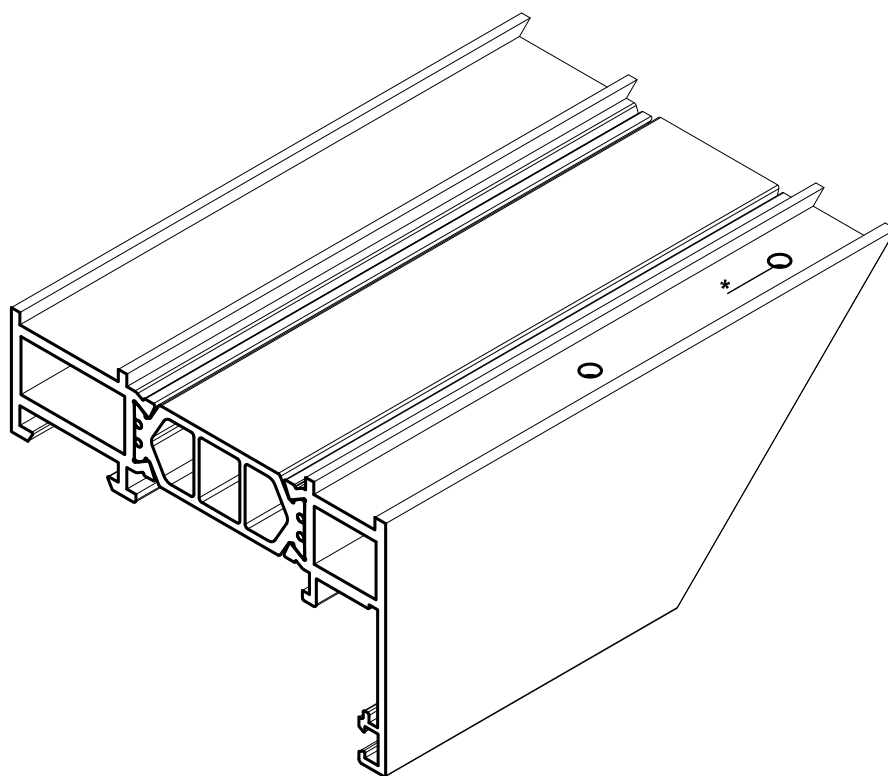
TOOLING

Lavorazioni - Tooling

LAVORAZIONE PER SQUADRETTA ESTERNA A SPINARE PER TELAI FISSI TTP801-802

TOOLING FOR INSTALLING PINNING EXTERNAL CORNER JOINT FOR FIXED FRAMES TTP801-802

*** Foro opzionale per incollaggio
Optional tooling for glue**

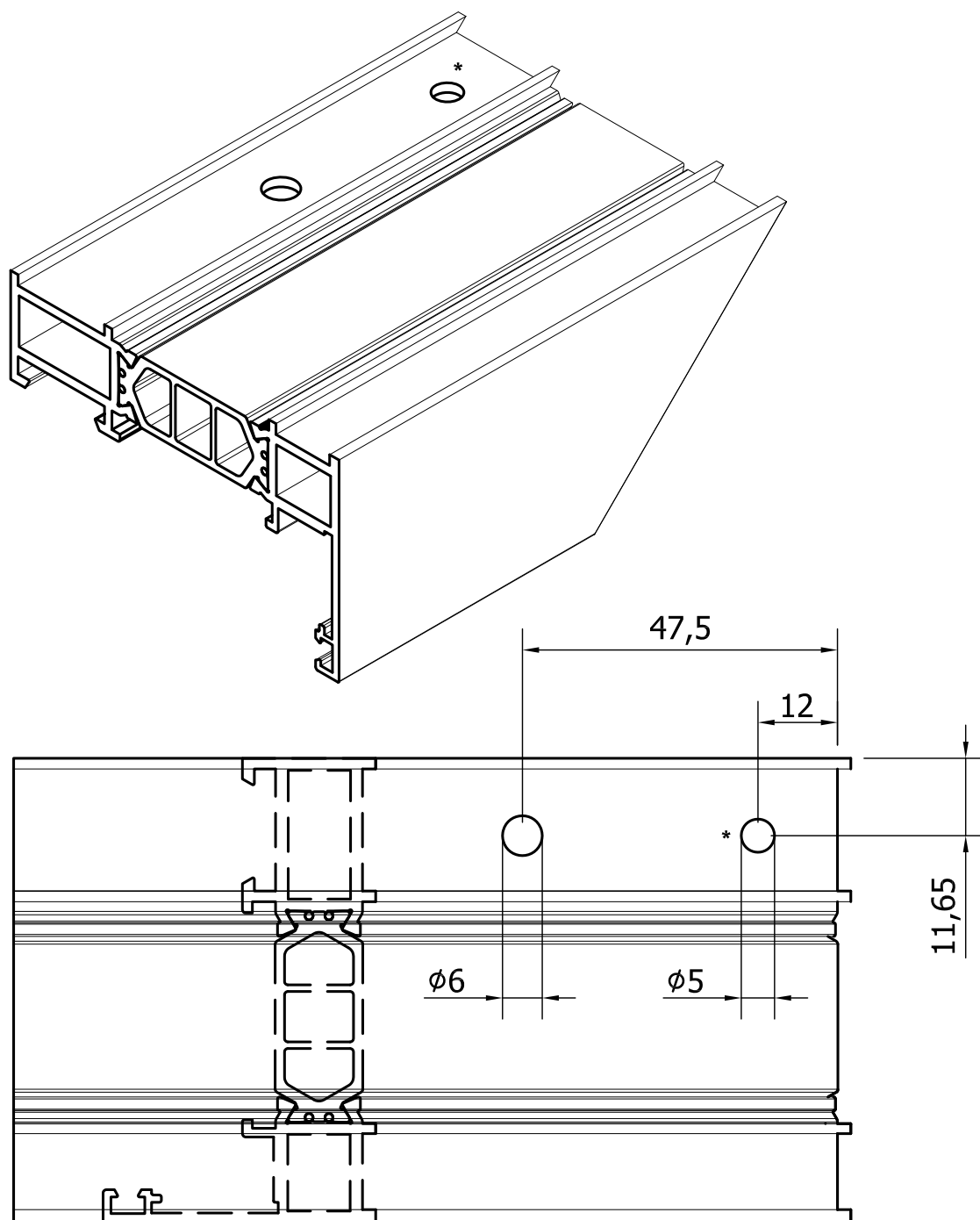


Lavorazioni - Tooling

**LAVORAZIONE PER SQUADRETTA INTERNA
A SPINARE/AVVITARE PER TELAI FISSI
TTP801-802-804-805**

*** Foro opzionale per incollaggio
Optional tooling for glue**

**TOOLING FOR INSTALLING
PINNING/SCREWING INTERNAL
CORNER JOINT FOR FIXED FRAMES
TTP801-802-804-805**

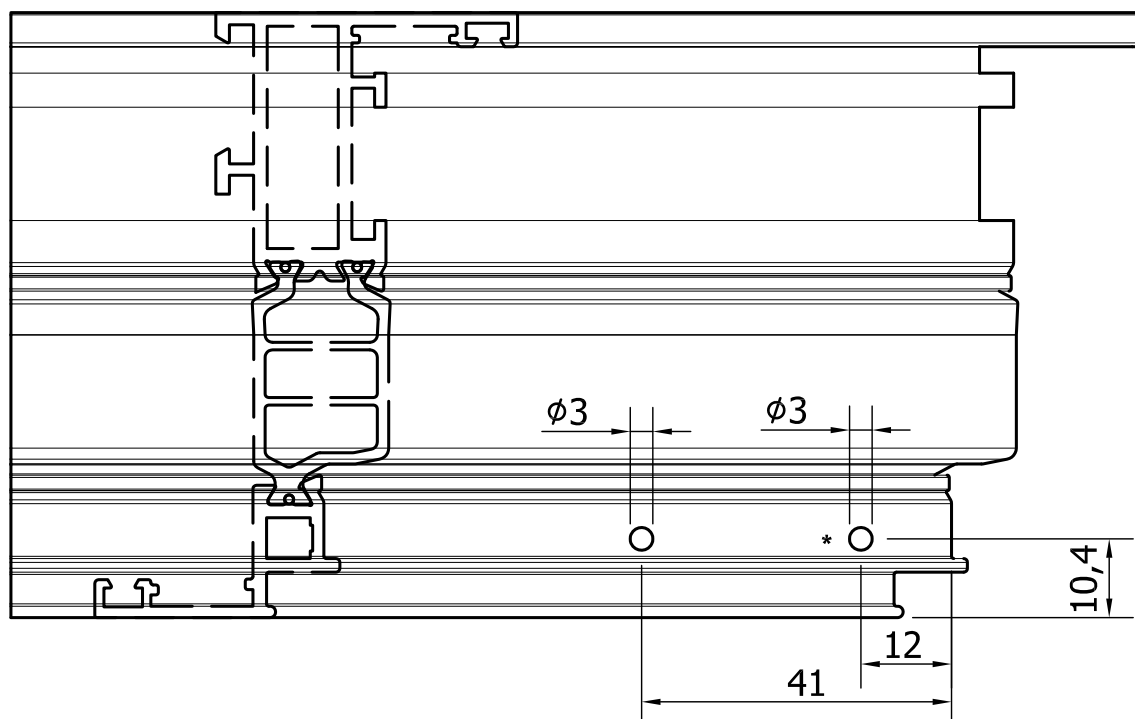
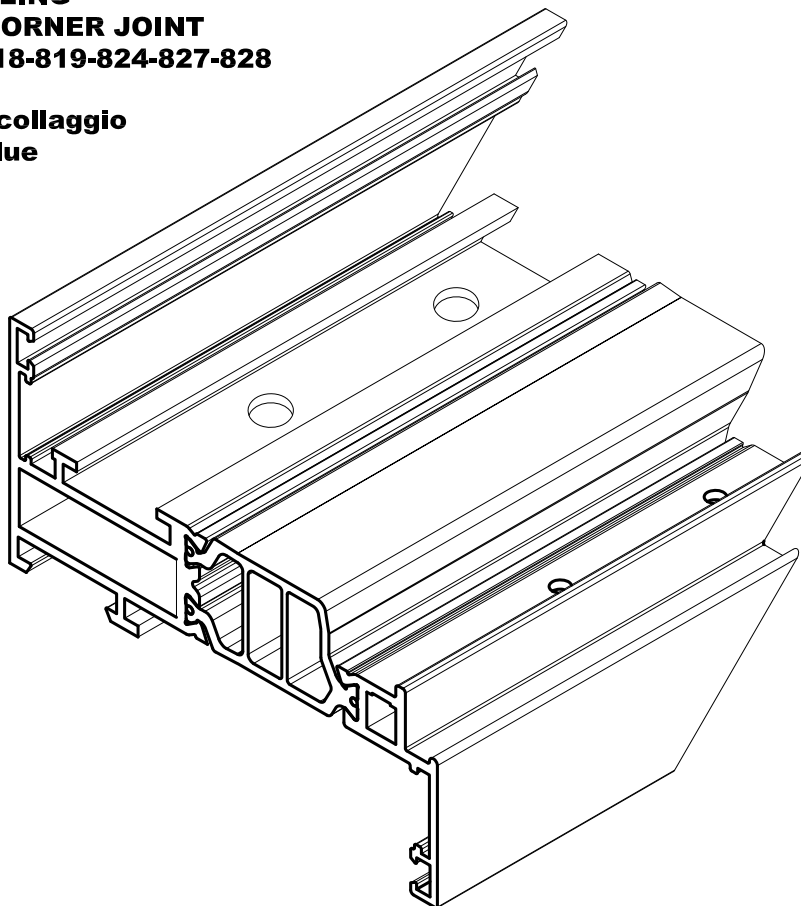


Lavorazioni - Tooling

LAVORAZIONE PER SQUADRETTA ESTERNA A SPINARE PER ANTE TTP815-818-819-824-827-828

TOOLING FOR INSTALLING PINNING EXTERNAL CORNER JOINT FOR WINGS TTP815-818-819-824-827-828

* Foro opzionale per incollaggio
Optional tooling for glue

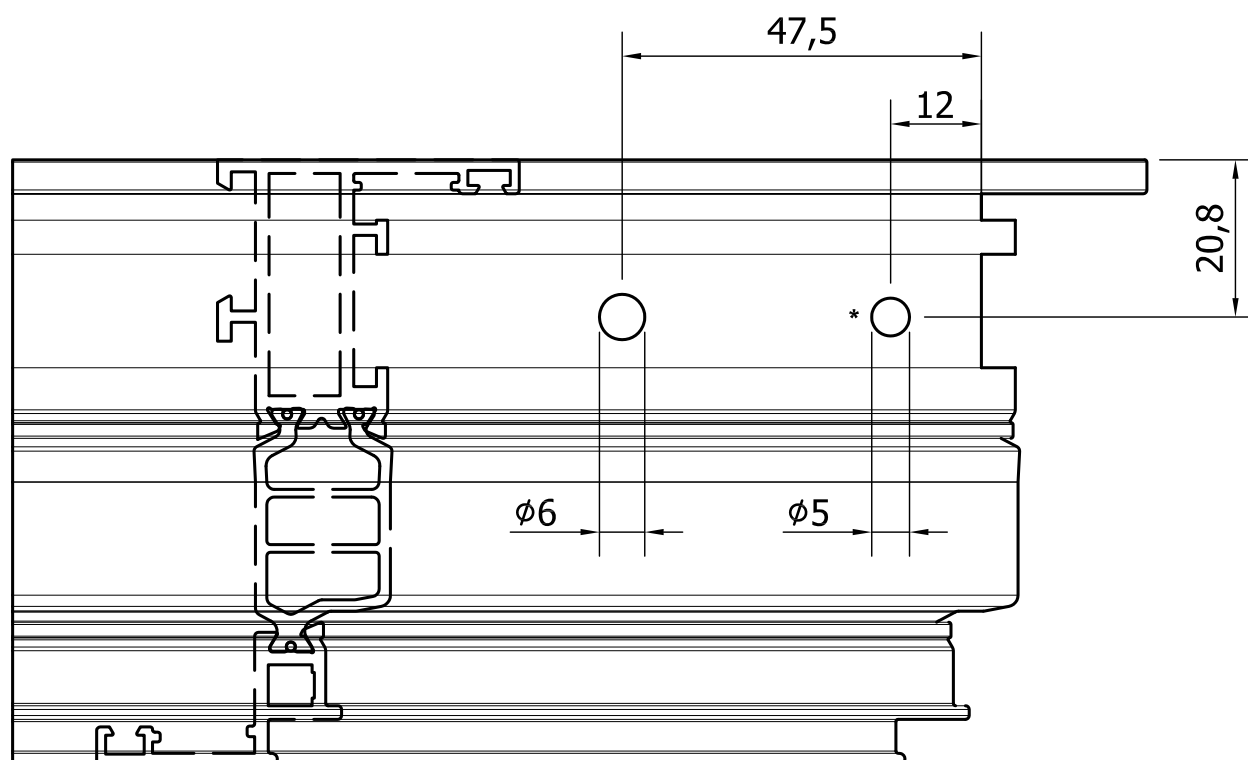
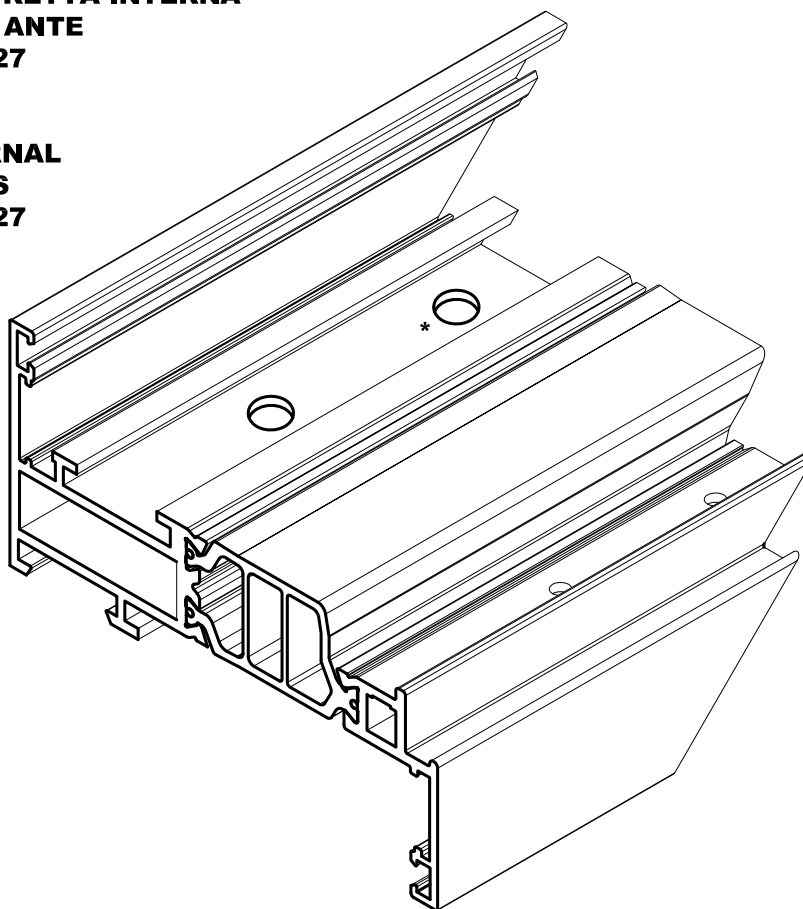


Lavorazioni - Tooling

**LAVORAZIONE PER SQUADRETTA INTERNA
A SPINARE/AVVITARE PER ANTE
TTP815-818-819-823-824-827**

**TOOLING FOR INSTALLING
PINNING/SCREWING INTERNAL
CORNER JOINT FOR WINGS
TTP815-818-819-823-824-827**

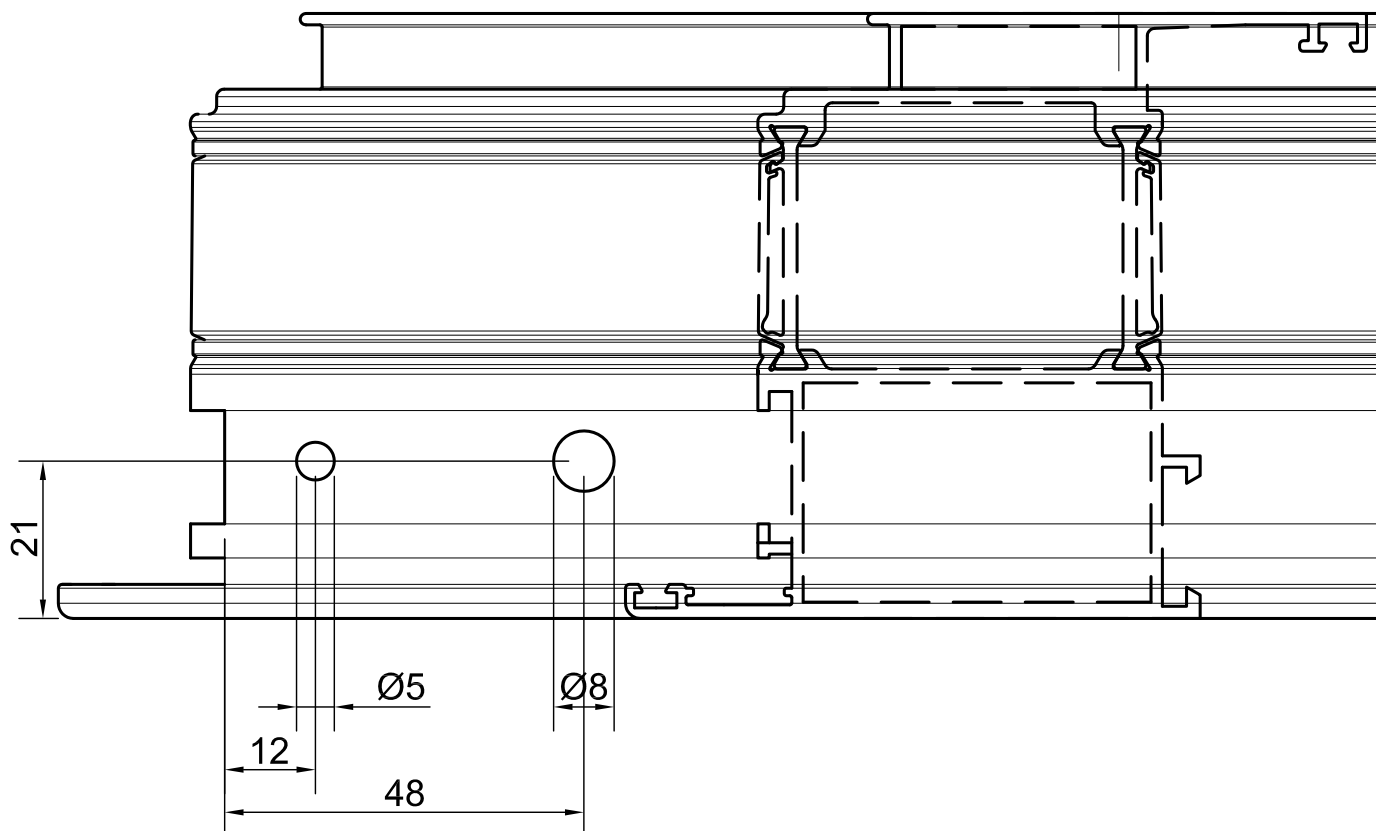
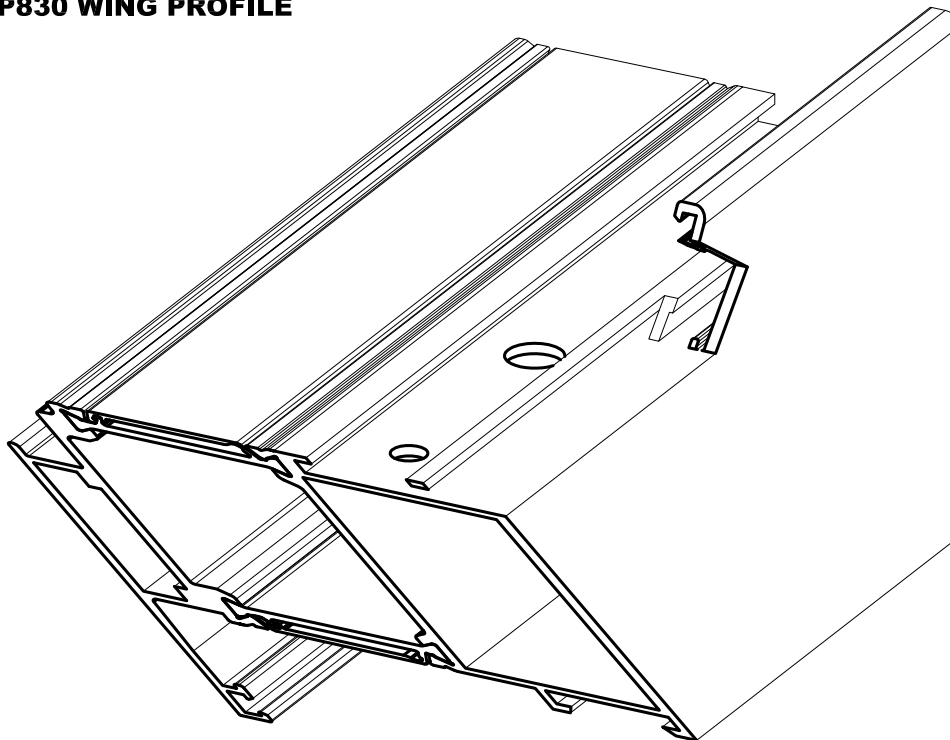
*** Foro opzionale per
incollaggio
Optional tooling for glue**



Lavorazioni - Tooling

LAVORAZIONE PER SQUADRETTA INTERNA A SPINARE SU PROFILO PORTA TTP830

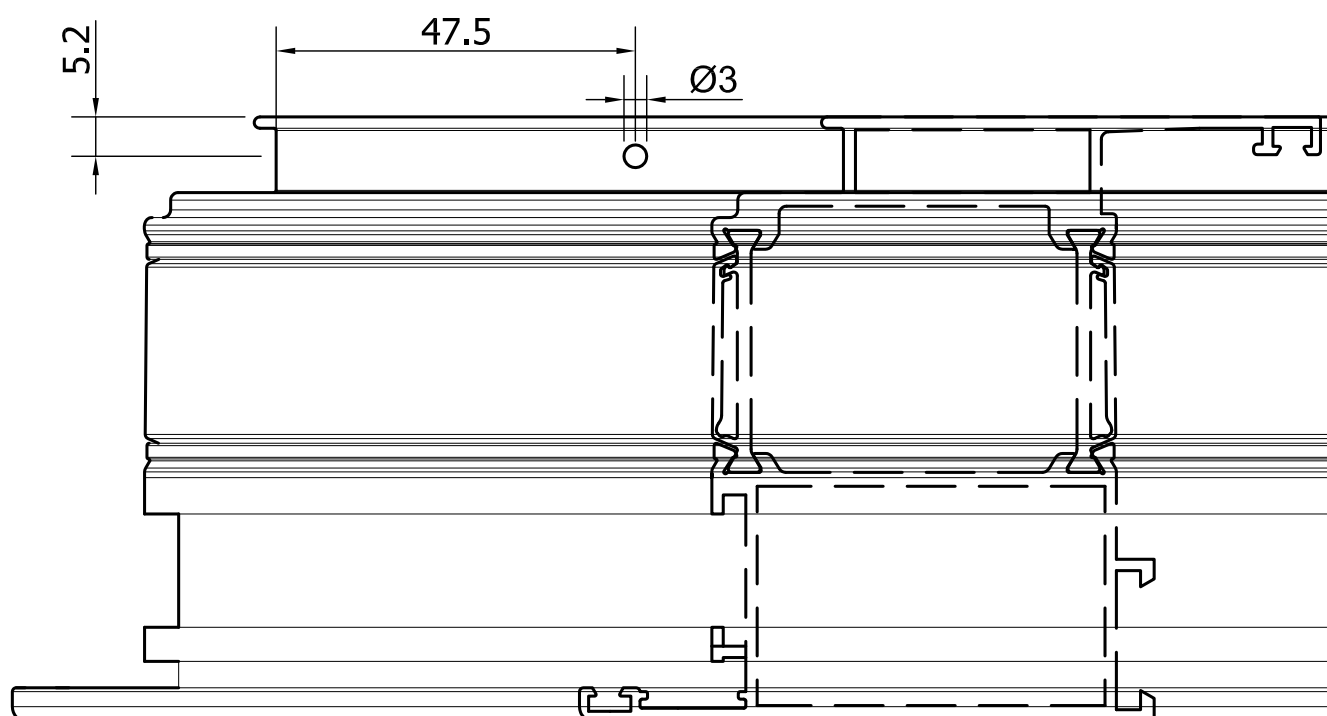
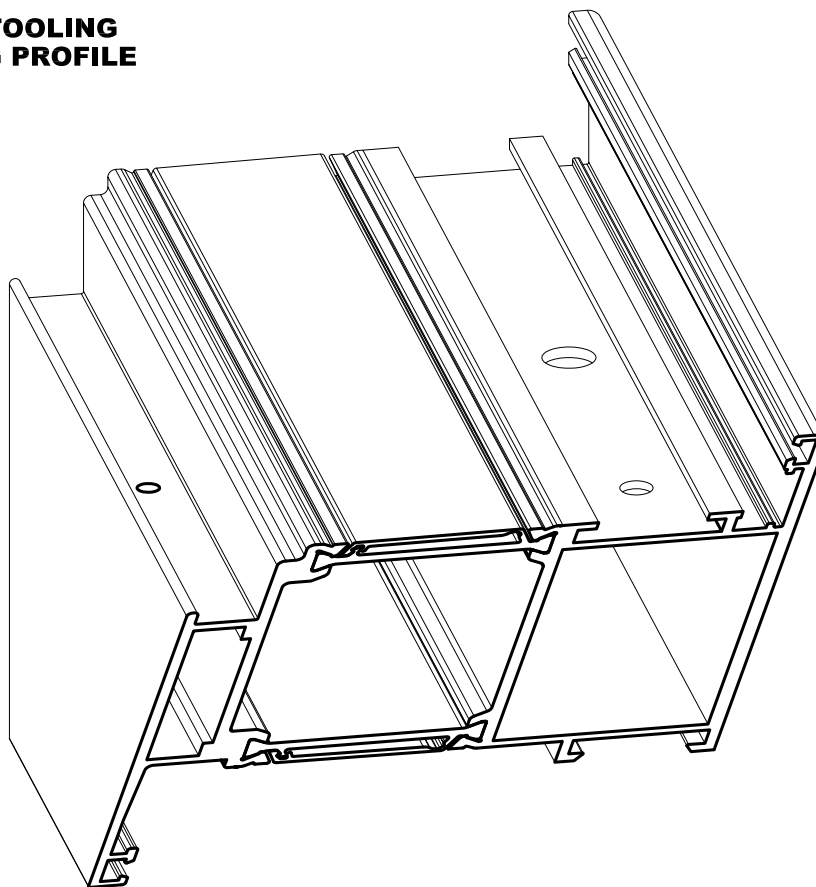
PINNING CORNER JOINT TOOLING FOR TTP830 WING PROFILE



Lavorazioni - Tooling

LAVORAZIONE PER SQUADRETTA ESTERNA A SPINARE SU PROFILO ANTA PORTA TTP830

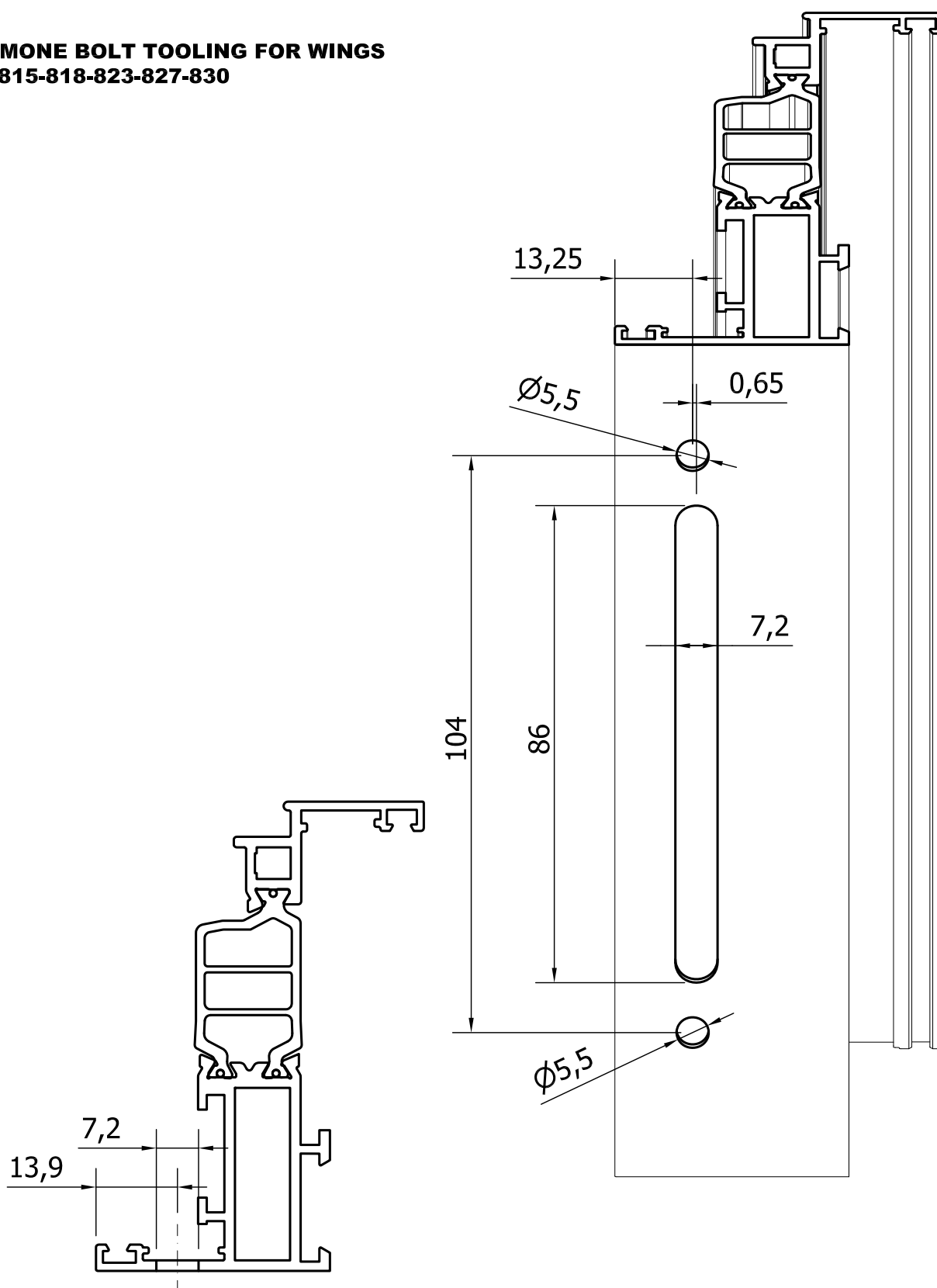
PINNING CORNER JOINT TOOLING FOR TTP830 DOOR'S WING PROFILE



Lavorazioni - Tooling

LAVORAZIONE CREMONESE PER ANTE TTP815-818-823-827-830

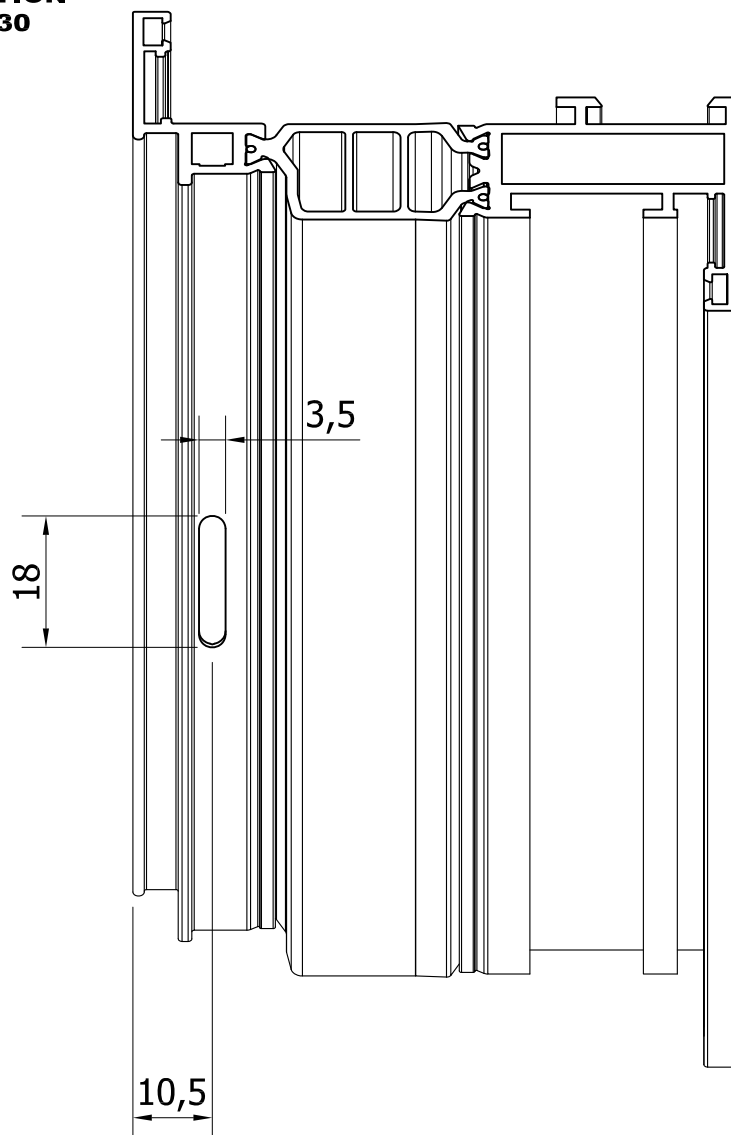
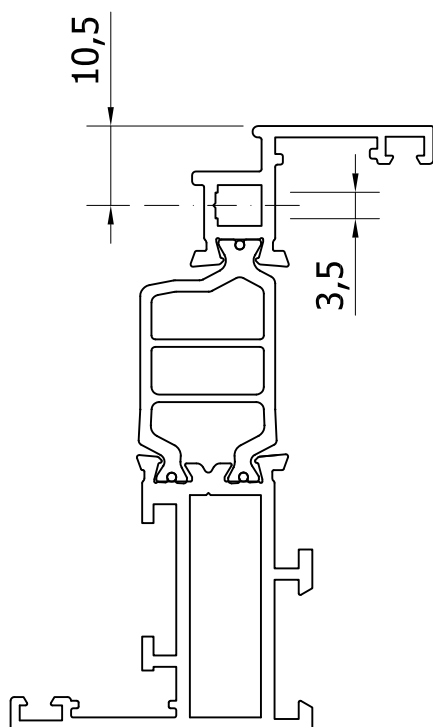
CREMONE BOLT TOOLING FOR WINGS TTP815-818-823-827-830



Lavorazioni - Tooling

**LAVORAZIONE PER SCARICO ACQUA
E VENTILAZIONE VETRI PER ANTE
TTP815-818-827-830**

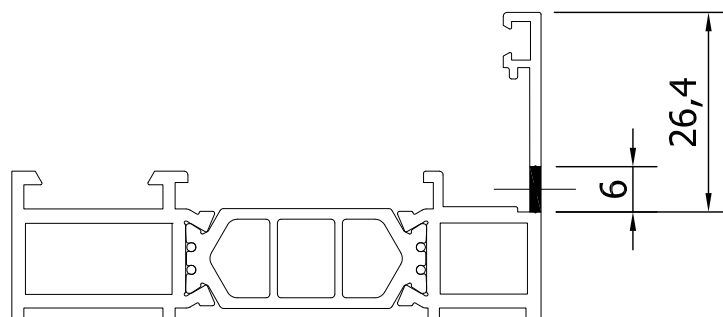
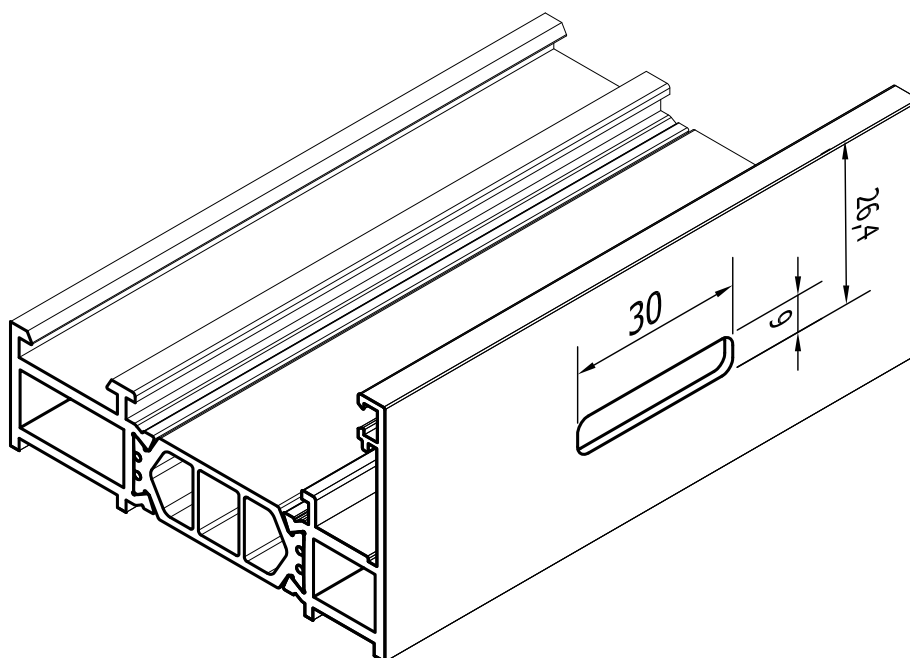
**WATER DRAINAGE AND GLASS VENTILATION
TOOLING FOR WINGS TTP815-818-827-830**



Lavorazioni - Tooling

LAVORAZIONE SCARICO ACQUA PER TELAI FISSI TTP801-802-803-804-805-829-832

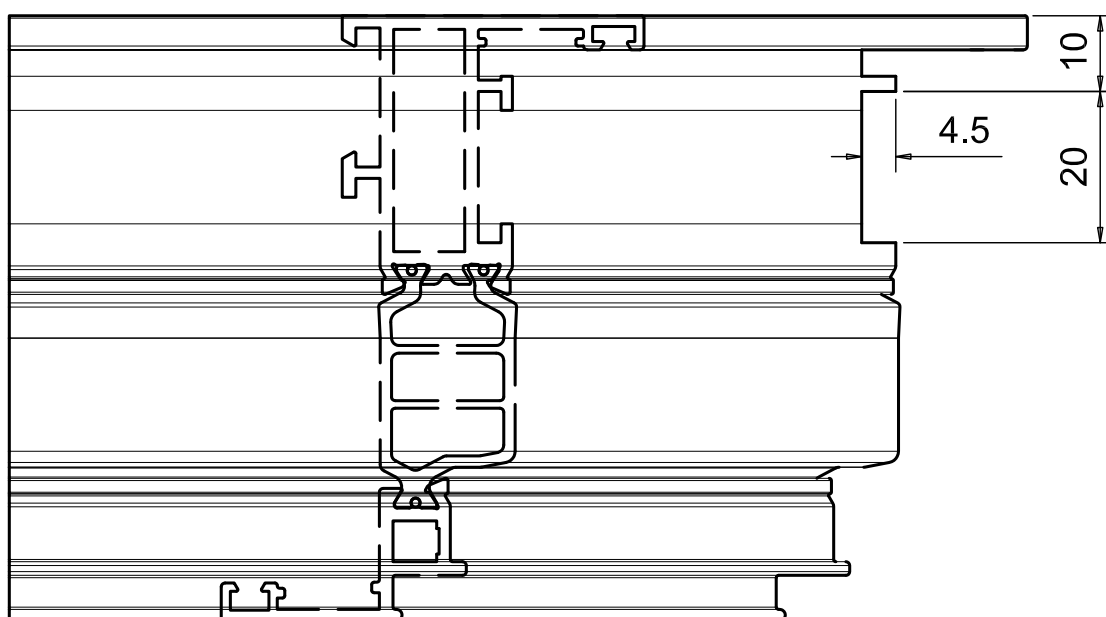
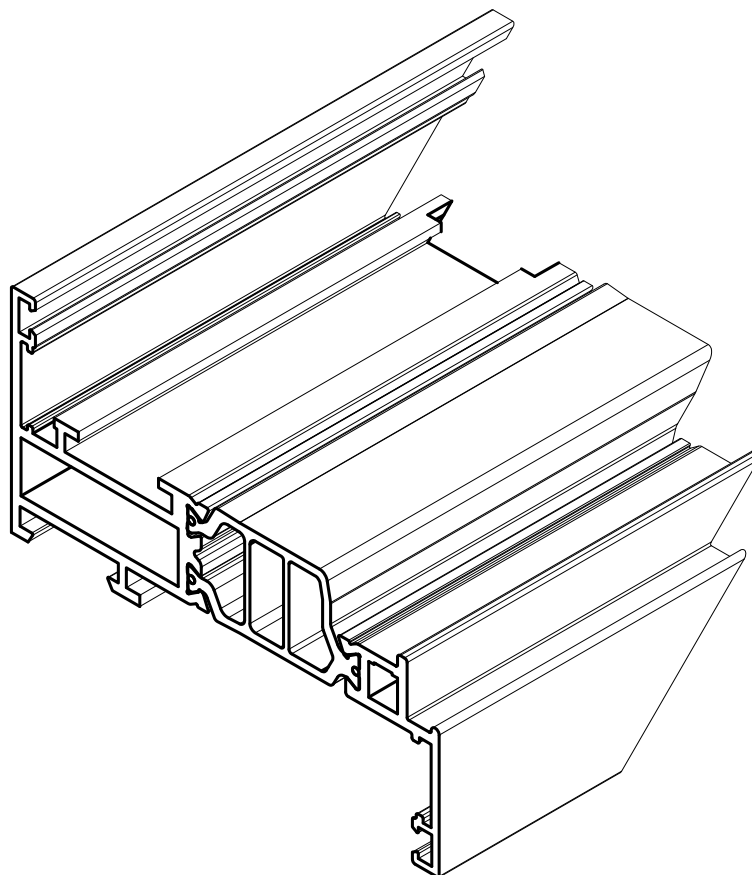
WATER DRAINAGE TOOLING FOR FIXED FRAMES TTP801-802-803-804-805-829-832



Lavorazioni - Tooling

LAVORAZIONE PASSAGGIO ASTA PER ANTE TTP815-818-823-827-830

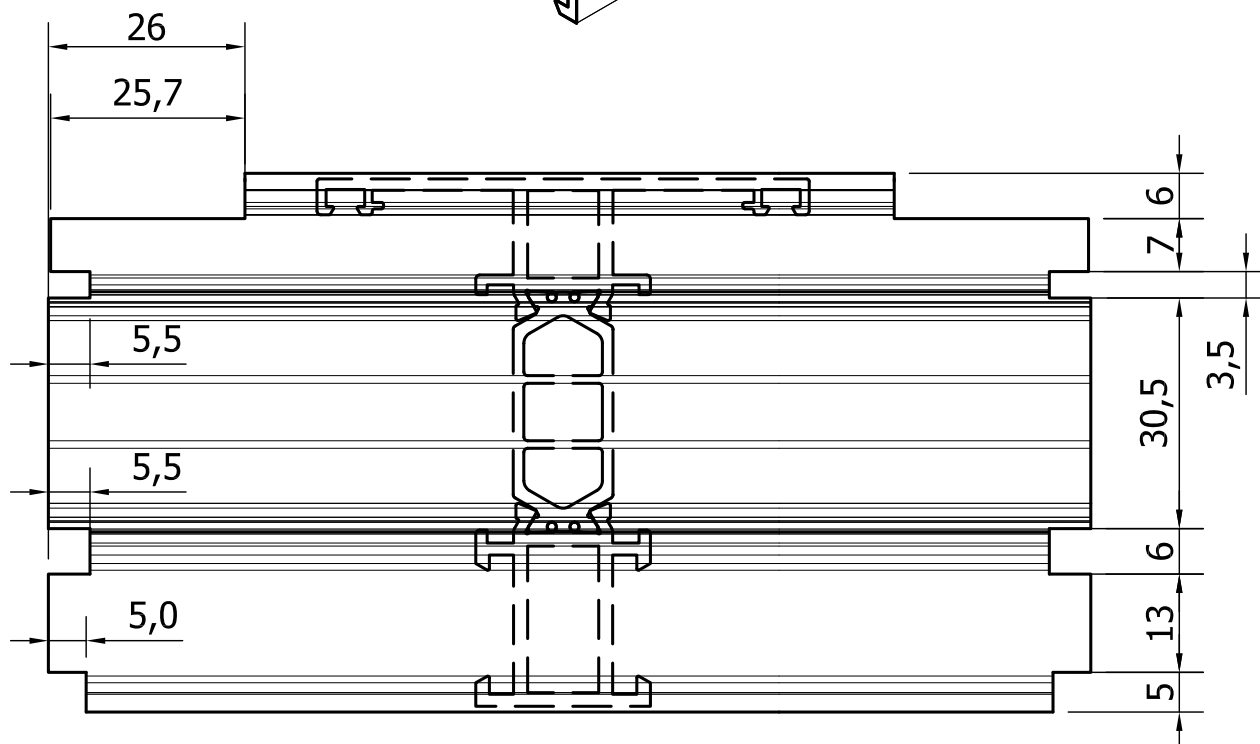
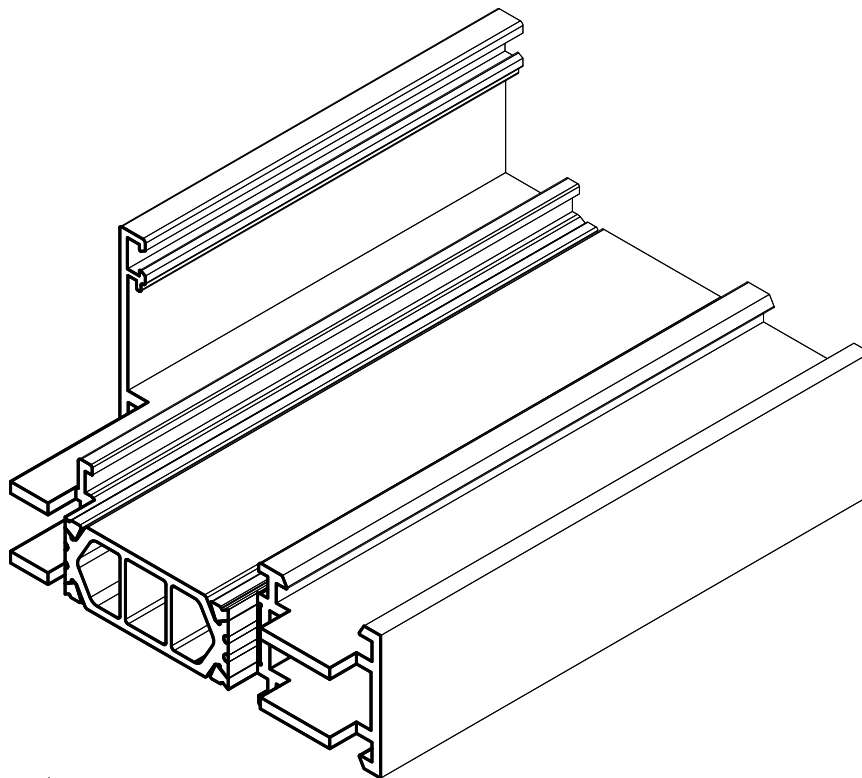
ROD PASSAGE TOOLING FOR WINGS TTP815-818-823-827-830



Lavorazioni - Tooling

**INTESTATURA TRAVERSI PER TELAI FISSI
TTP803-829-832-833**

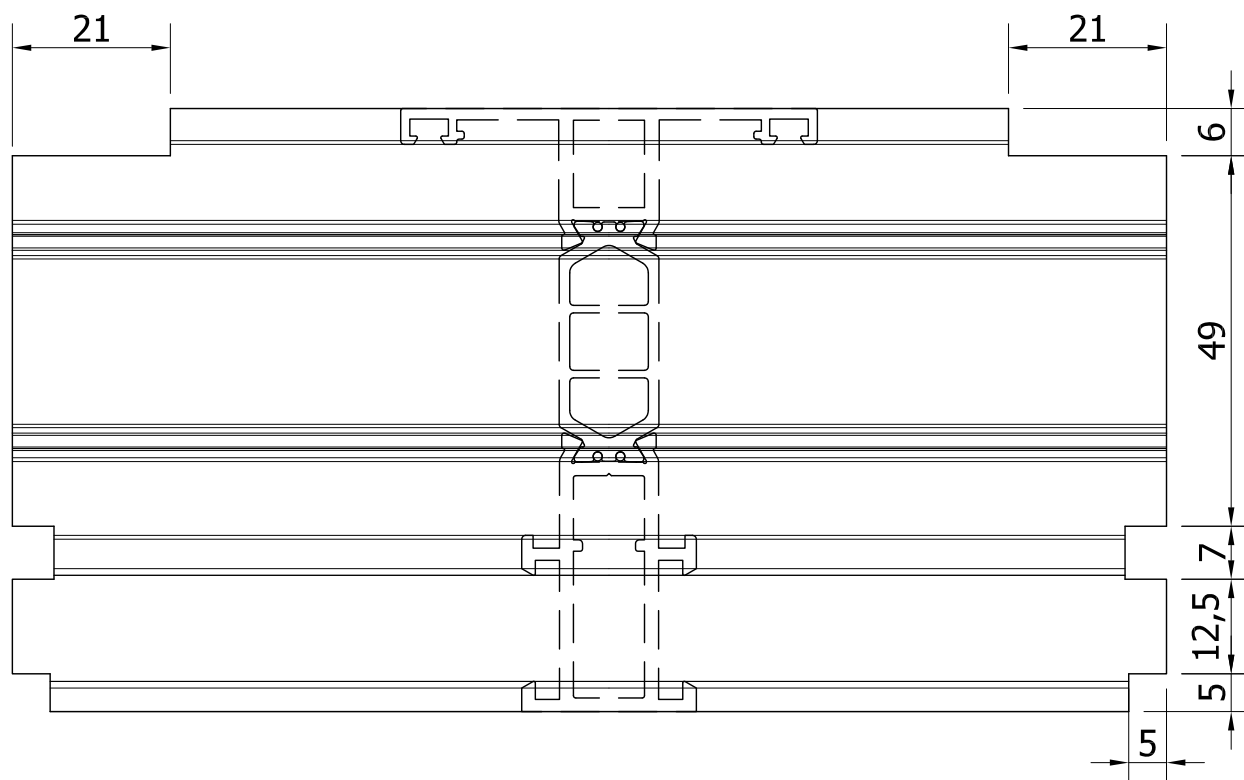
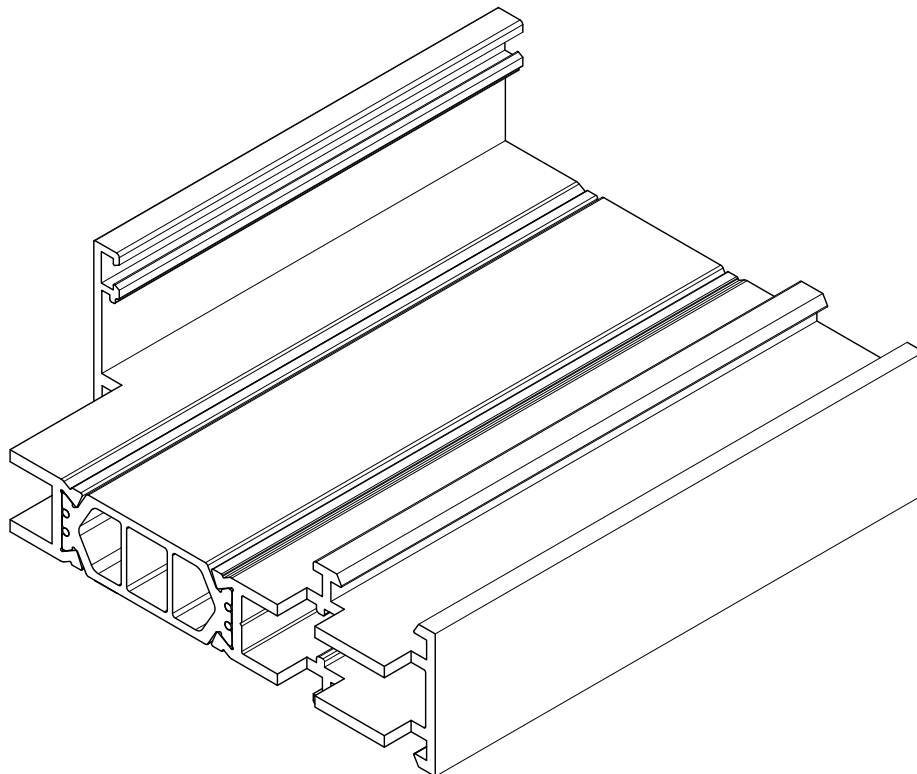
**TRANSOM'S HEADING TOOLING FOR FIXED FRAMES
TTP803-829-832-833**



Lavorazioni - Tooling

INTESTAZIONE TRAVERSI TTP812 PER ANTE

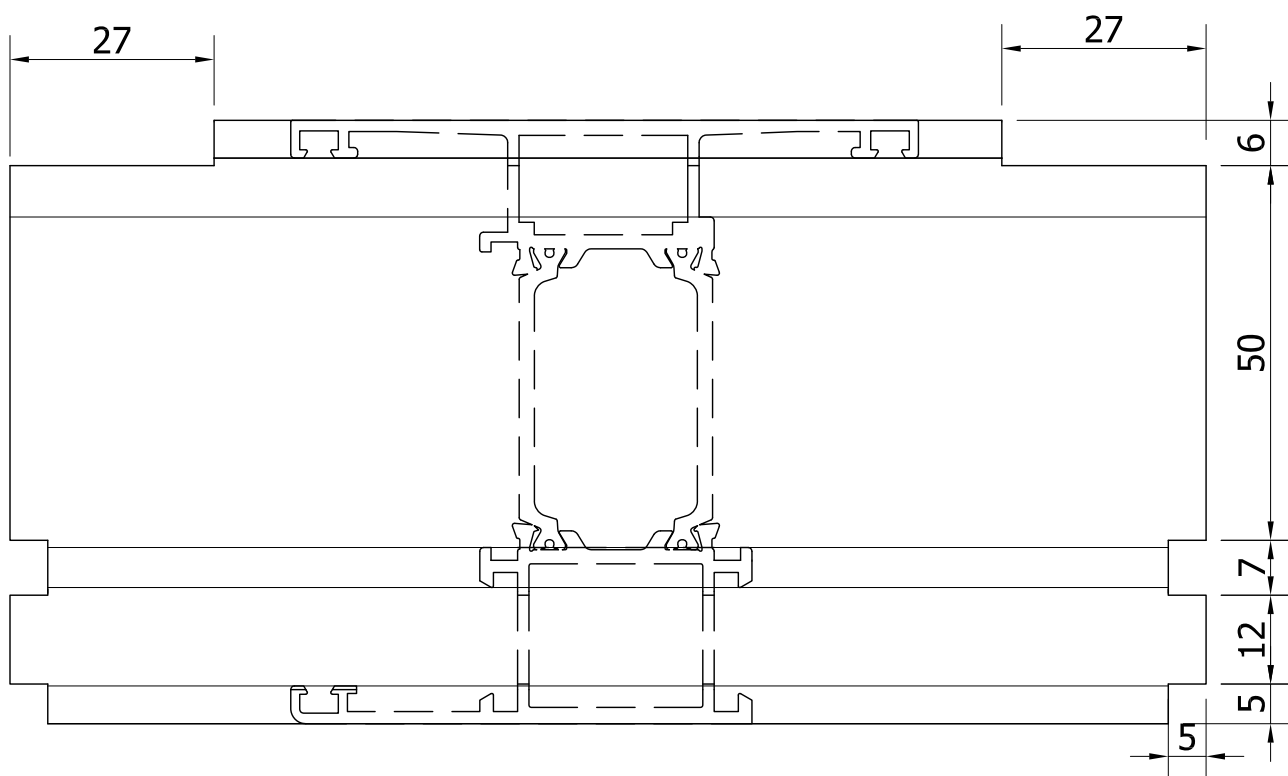
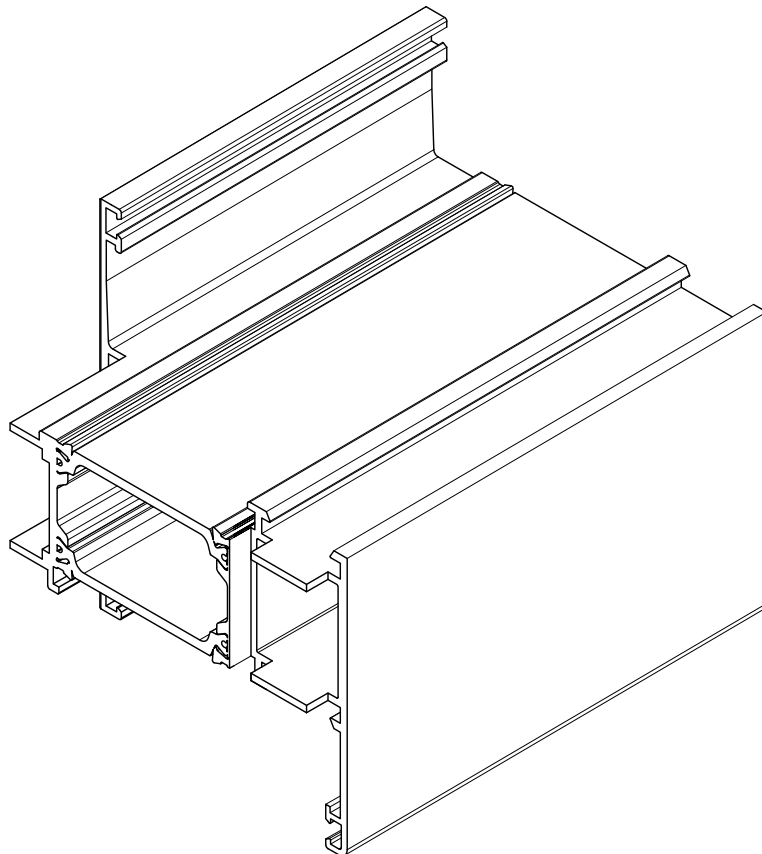
TTP812 TRANSOM'S HEADING TOOLING FOR WINGS



Lavorazioni - Tooling

INTESTAZIONE DEL TRAVERSO TTP831 PER L'ABBINAMENTO CON IL PROFILO ANTA TTP830

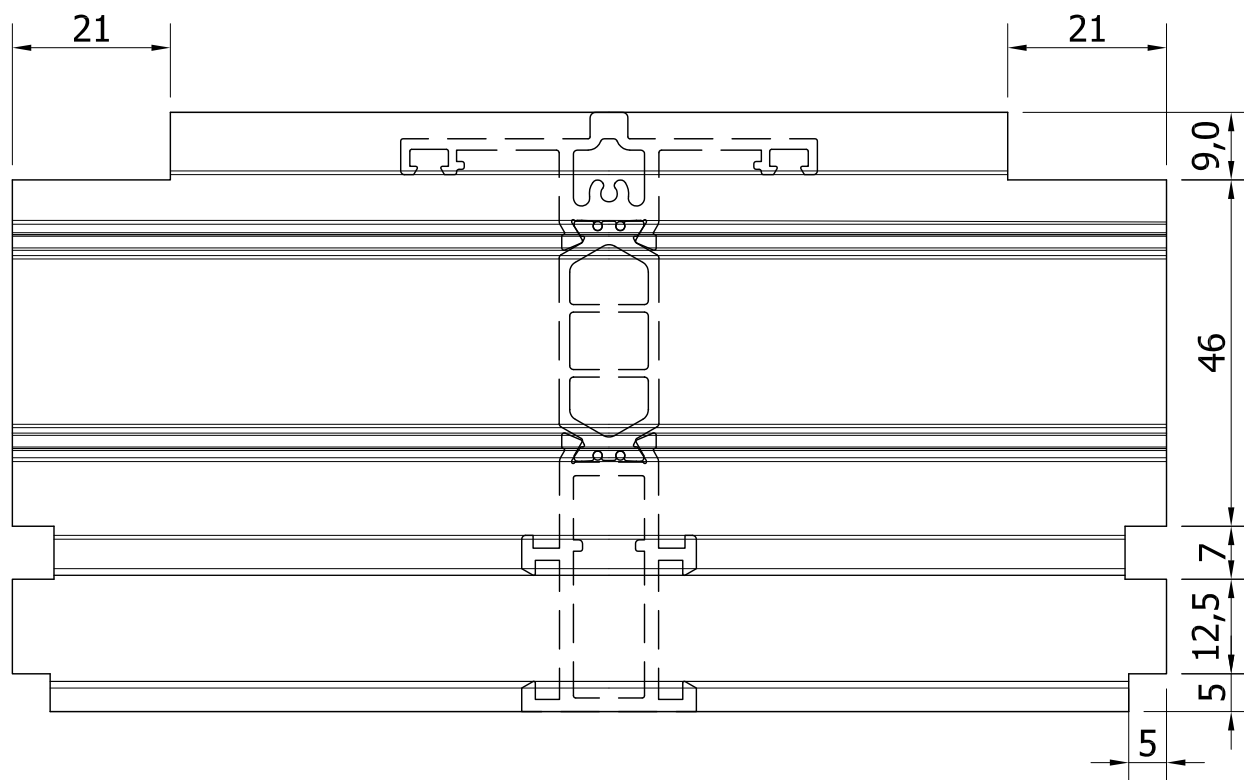
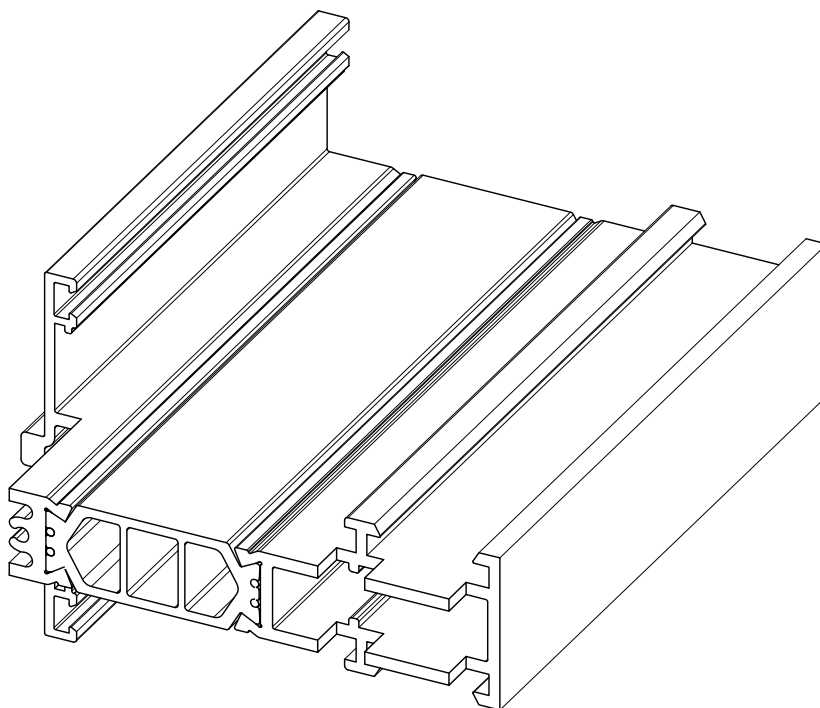
HEADING TOOLING OF THE TTP831 PROFILE FOR THE ASSEMBLY OF IT WITH THE TTP830 PROFILE



Lavorazioni - Tooling

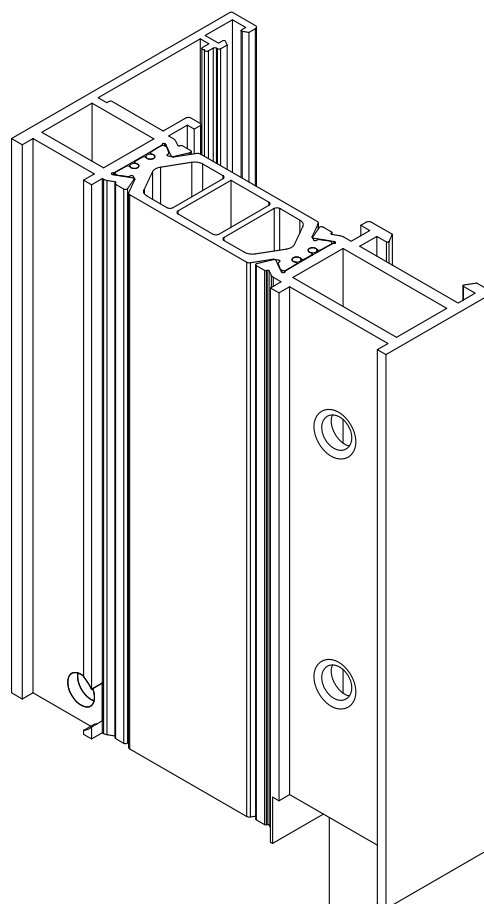
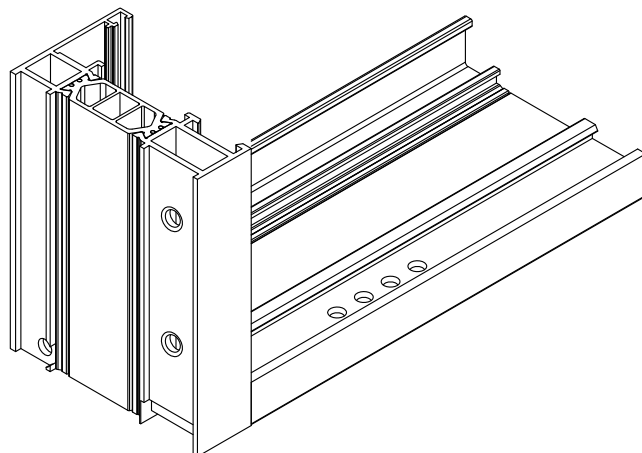
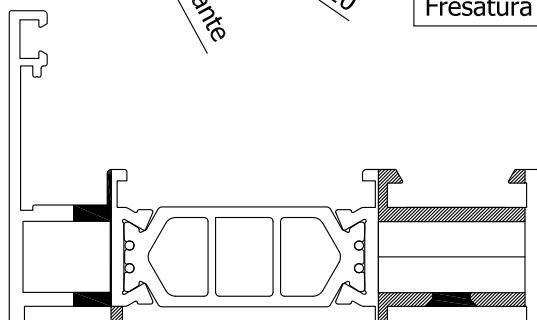
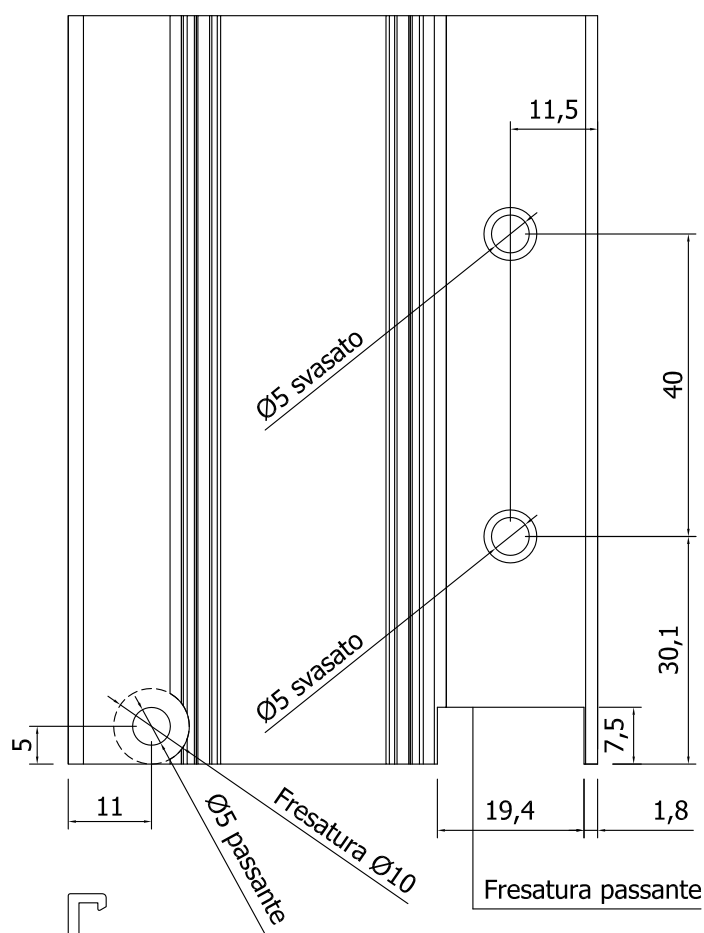
INTESTAZIONE TRAVERSI TTP826 PER ANTE

TTP826 TRANSOM'S HEADING TOOLING FOR WINGS



Lavorazioni - Tooling

Lavorazione su profilo telaio per fissaggio squadretta EA-0432 su profilo soglia TTP842
Machining on frame profiles for fixing corner joint EA-0432 on the lowered threshold TTP842

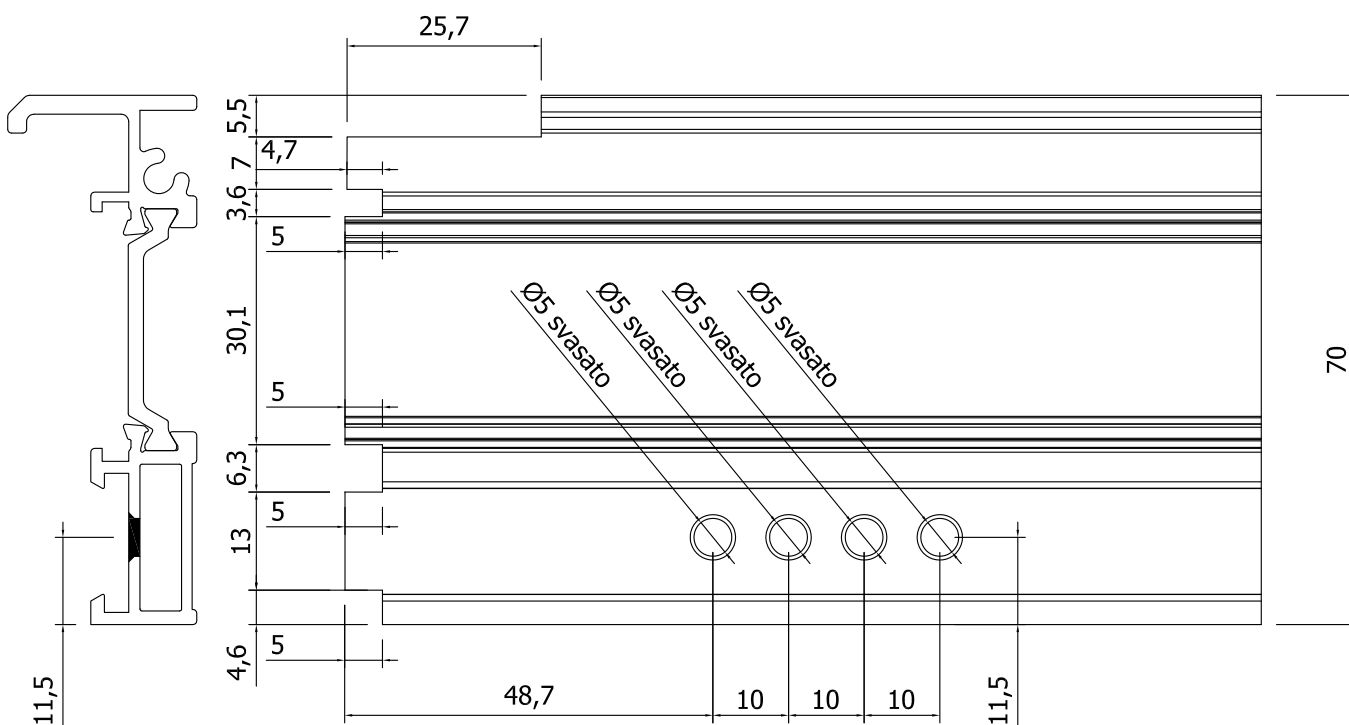
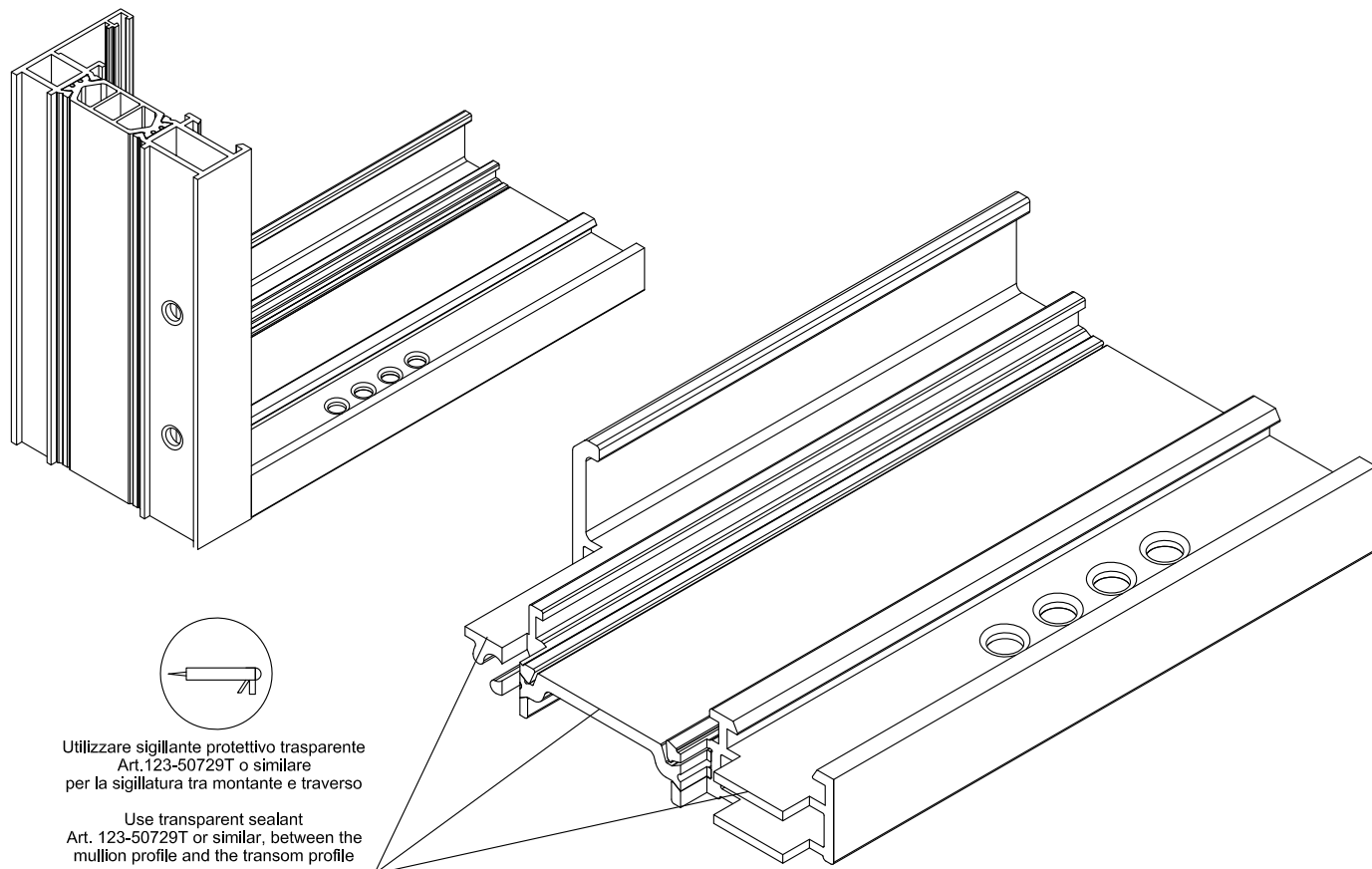


Fresatura passante

Lavorazioni - Tooling

Lavorazione su profilo TTP842 per fissaggio squadretta EA-0432

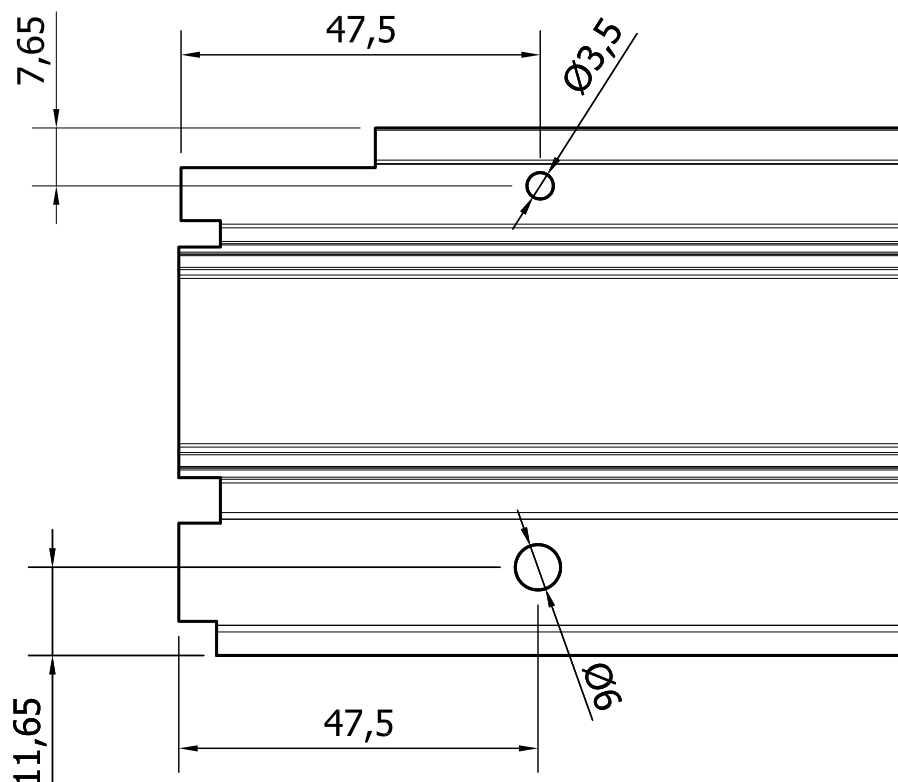
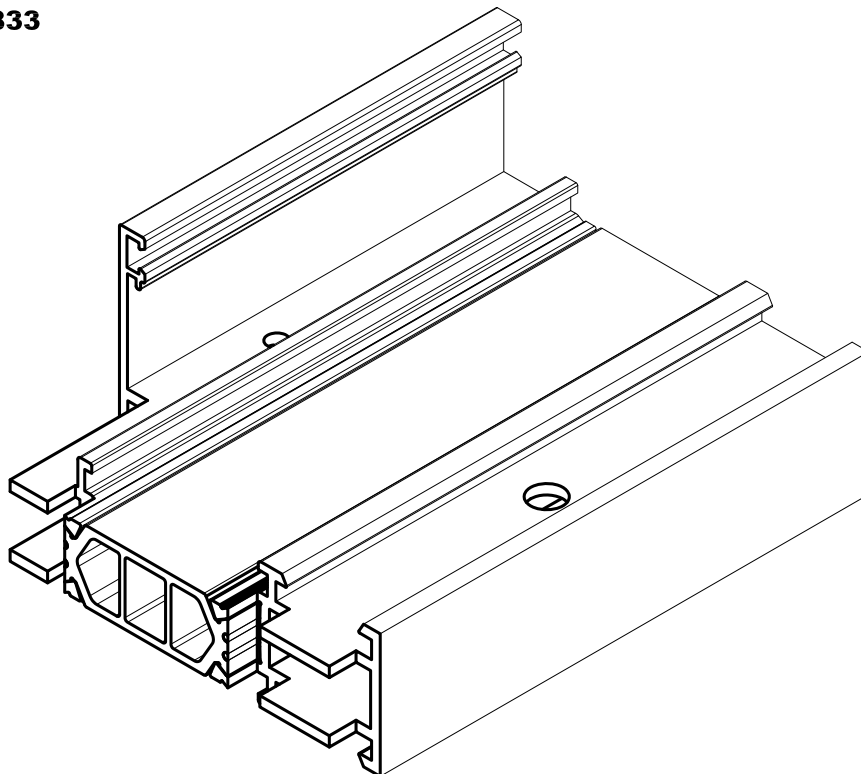
Machining on lowered threshold TTP842 for fixing the corner joint EA-0432



Lavorazioni - Tooling

LAVORAZIONE CAVALLOTTI PER TRAVERSI TELAIO TTP803-829-832-833

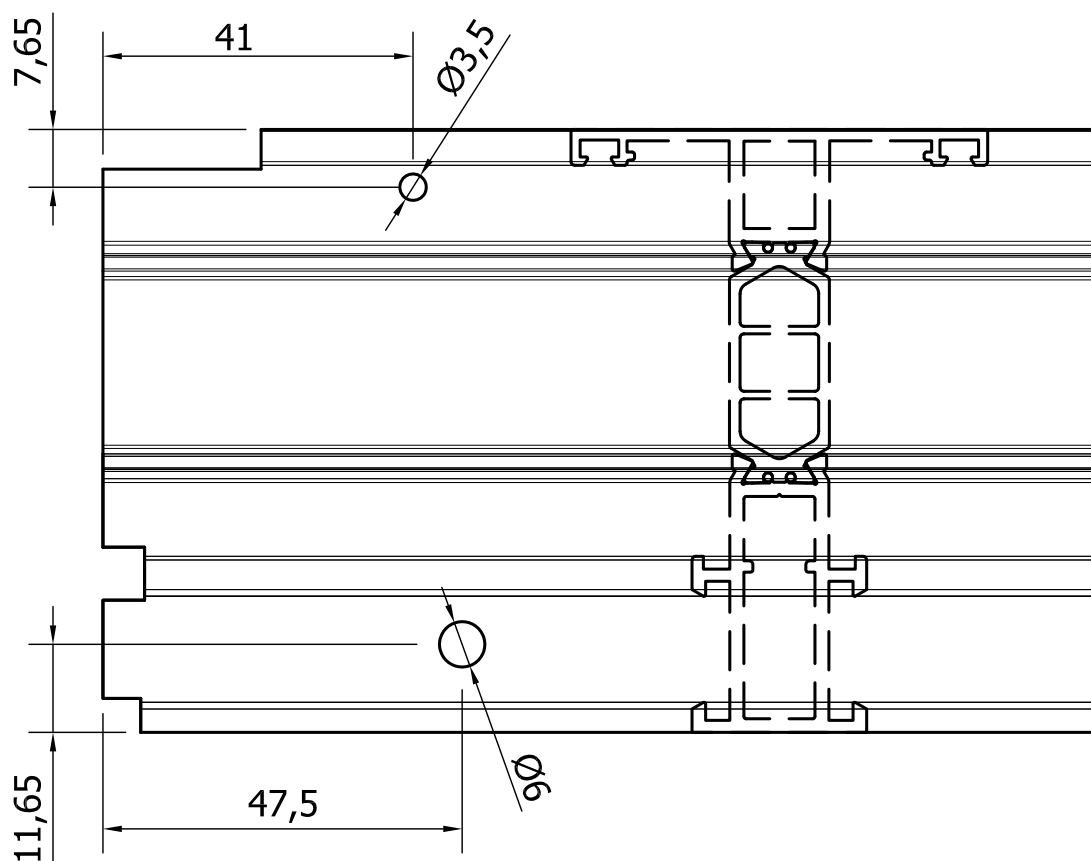
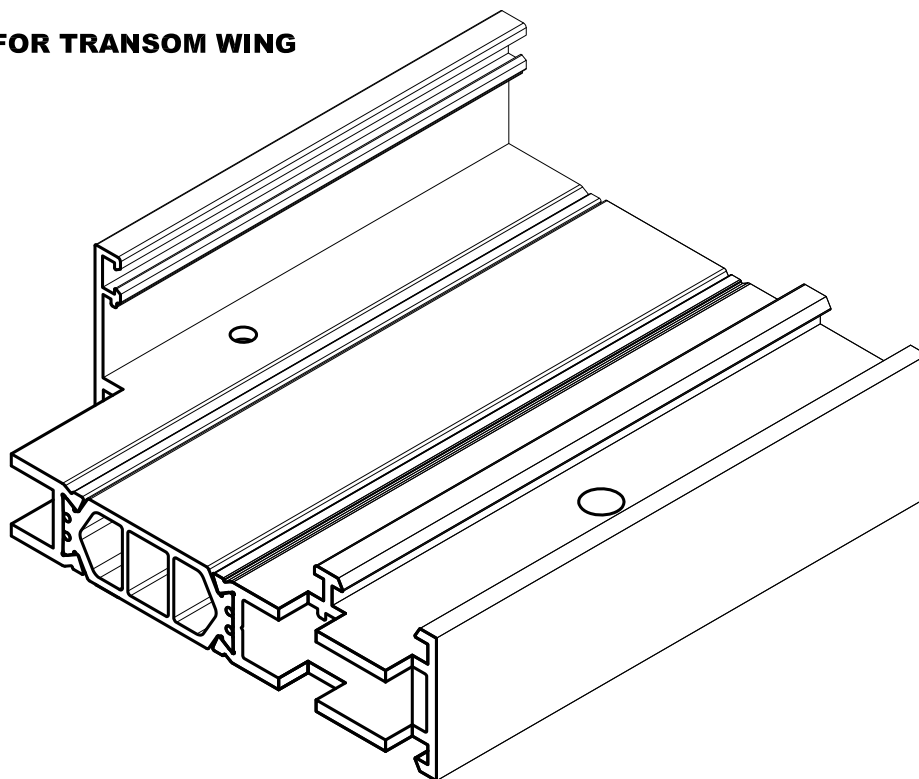
FRAME TRANSOM TOOLING FOR T-JOINT TTP803-829-832-833



Lavorazioni - Tooling

LAVORAZIONE PER CAVALLOTTI SU TRAVERSI ANTA TTP812-826-831

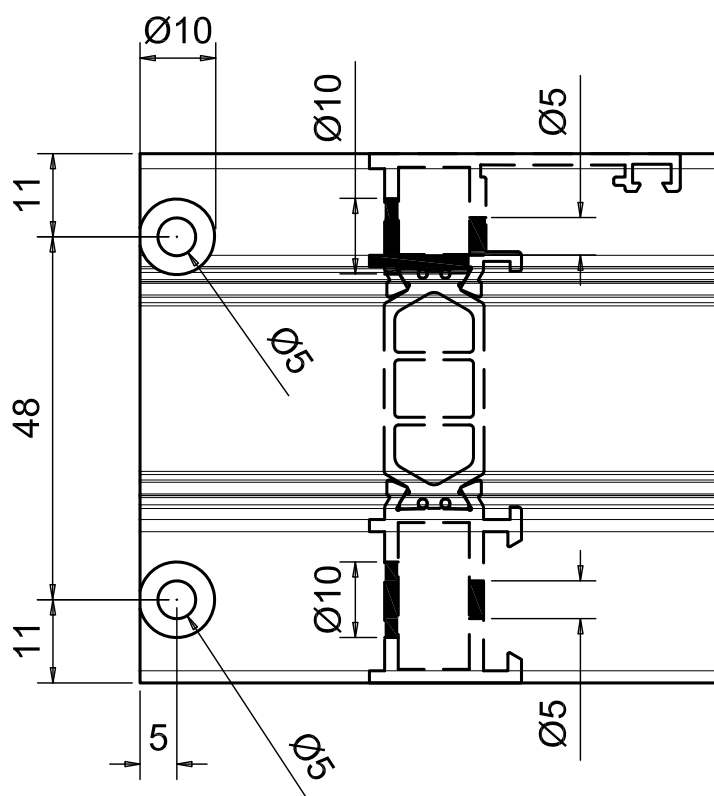
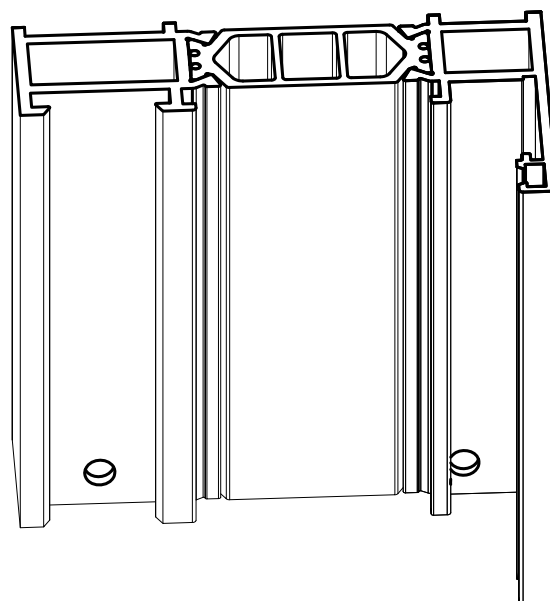
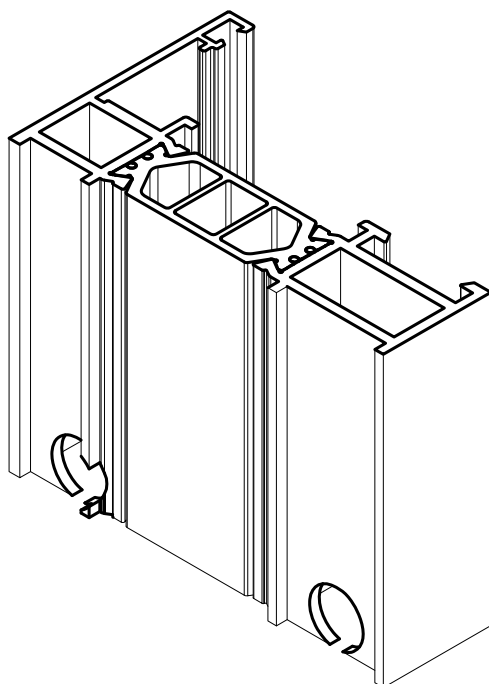
T-JOINT TOOLING FOR TRANSOM WING TTP812-826-831



Lavorazioni - Tooling

LAVORAZIONE PER FISSAGGIO SOGLIA RIDOTTA TTP836 SU TELAIO TTP801-802-803-804-805-829-832

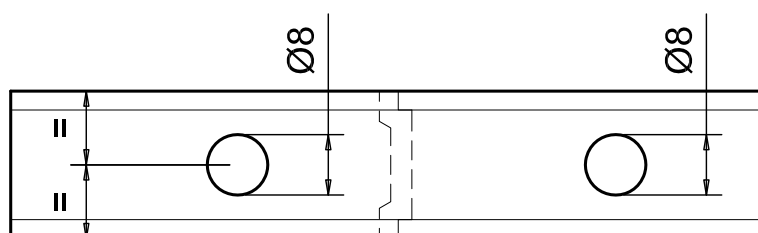
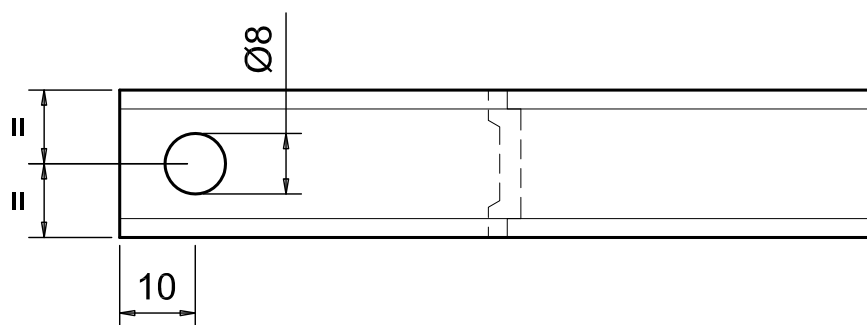
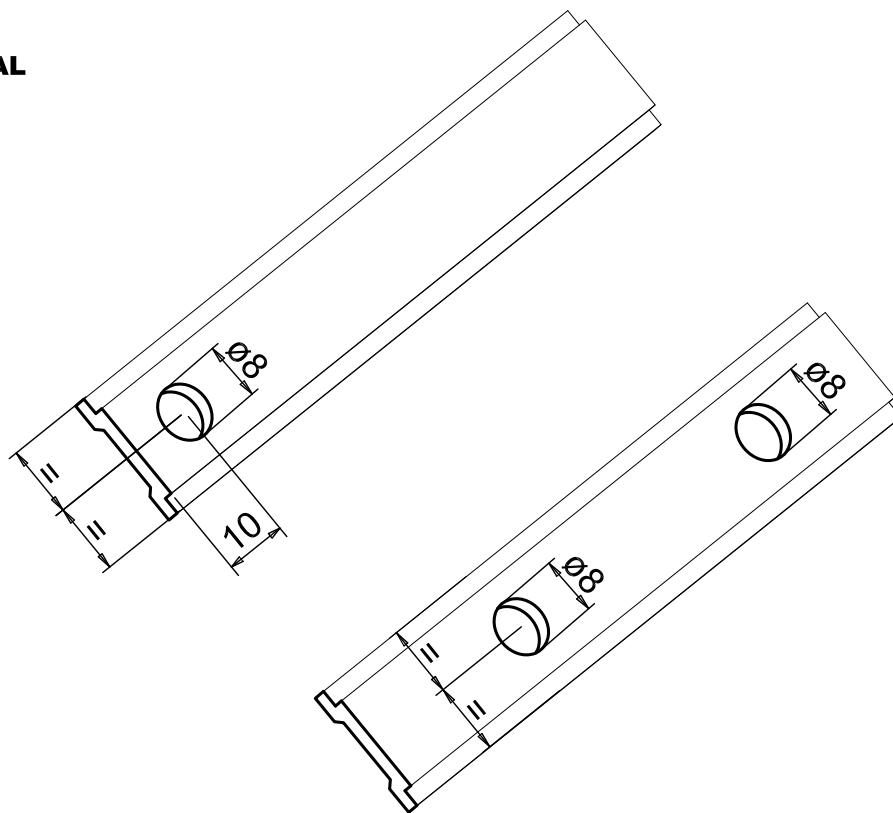
TTP836 LOWERED THRESHOLD TOOLING FOR FIXED FRAMES TTP801-802-803-804-805-829-832



Lavorazioni - Tooling

LAVORAZIONE FORO DI TESTA E CENTRALE ASTINA

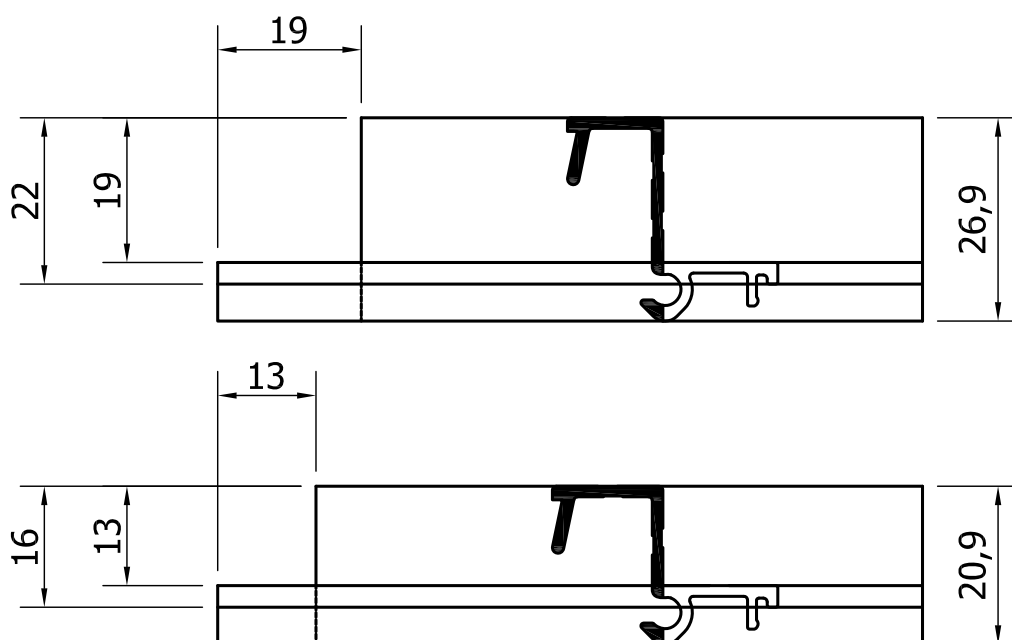
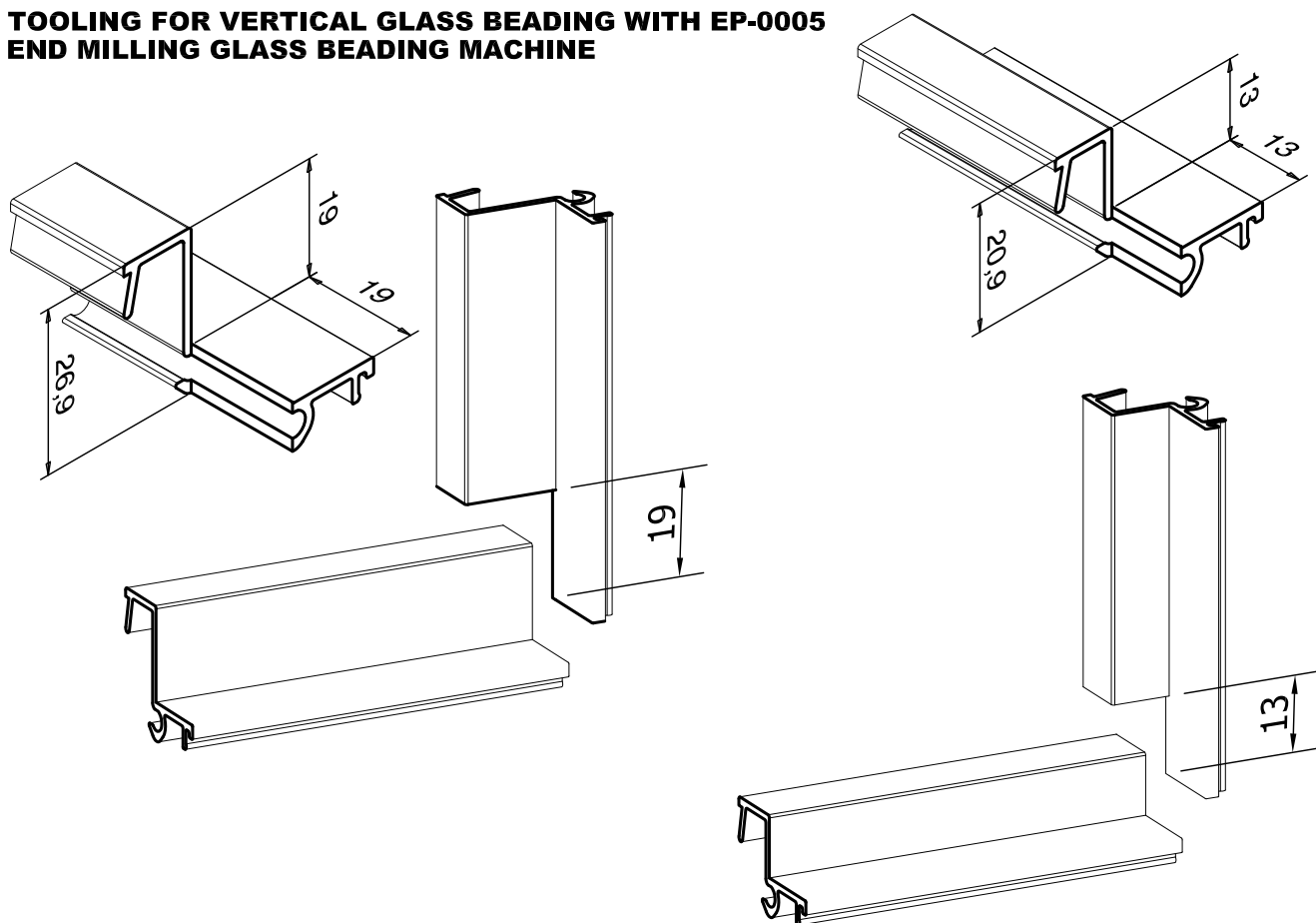
TOOLING FOR TOP AND CENTRAL HOLE OF ROD



Lavorazioni - Tooling

LAVORAZIONE FERMAVETRI VERTICALI DA EFFETTUARE INTSTATTRICE PER FERMAVETRI EP-0005

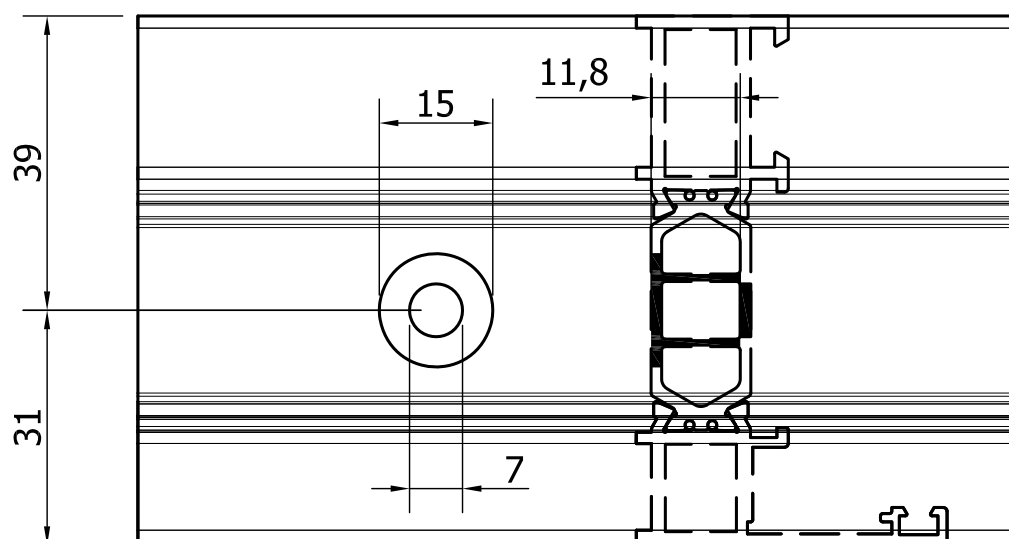
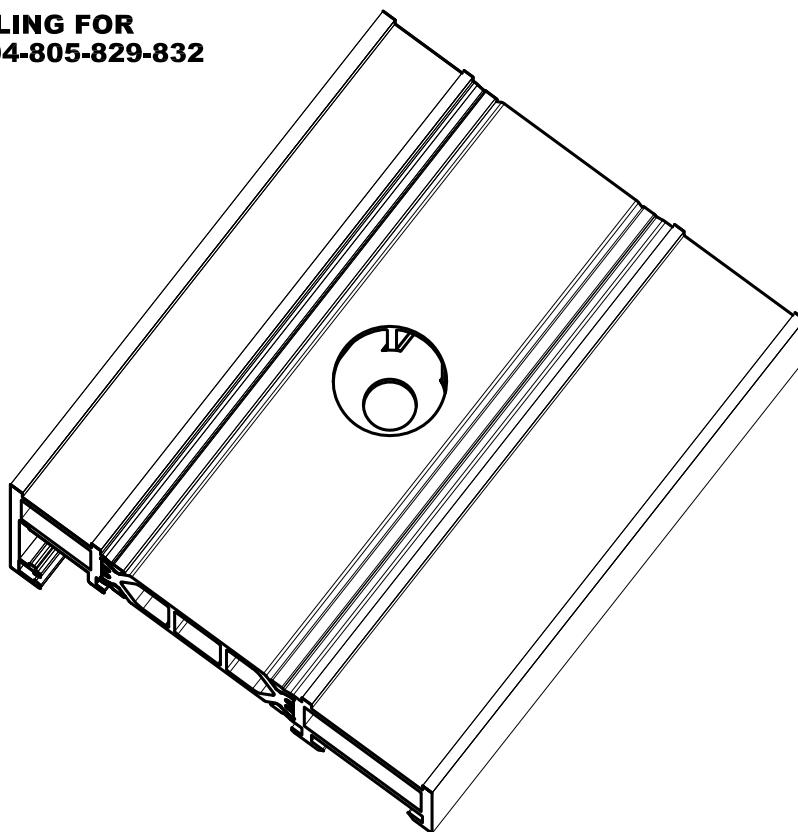
TOOLING FOR VERTICAL GLASS BEADING WITH EP-0005 END MILLING GLASS BEADING MACHINE



Lavorazioni - Tooling

**LAVORAZIONE PER COMPENSATORE
DI FISSAGGIO PER TELAI**
TTP801-802-803-804-805-829-832

FIXING TAB'S TOOLING FOR
TTP801-802-803-804-805-829-832



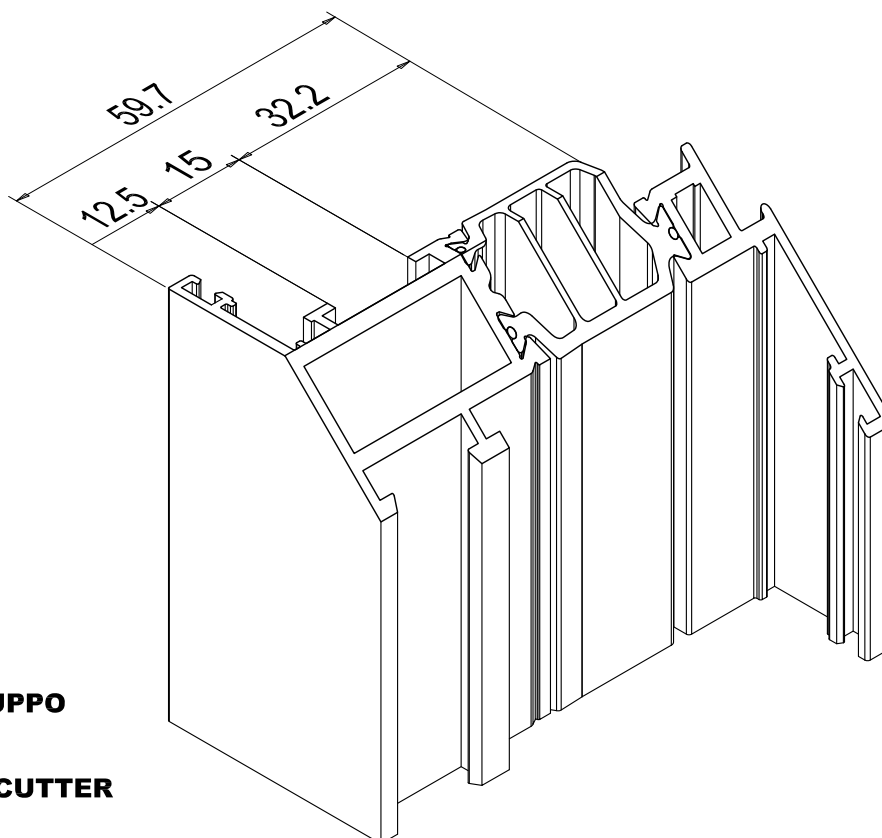
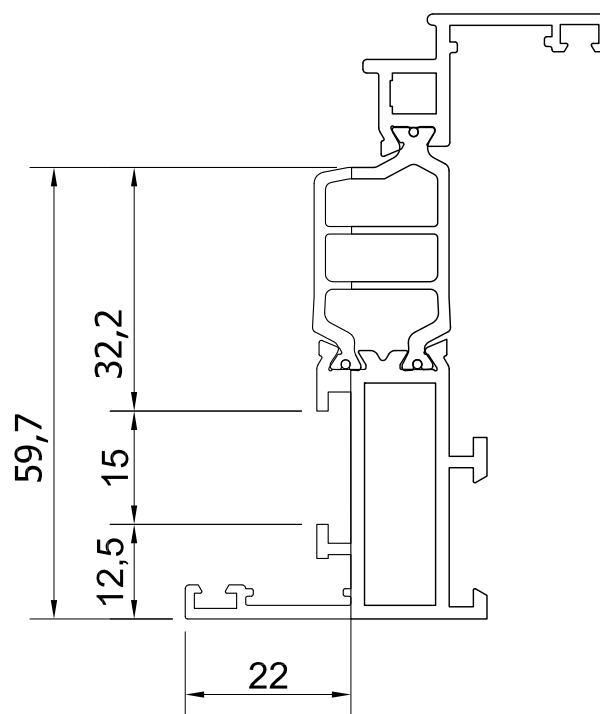
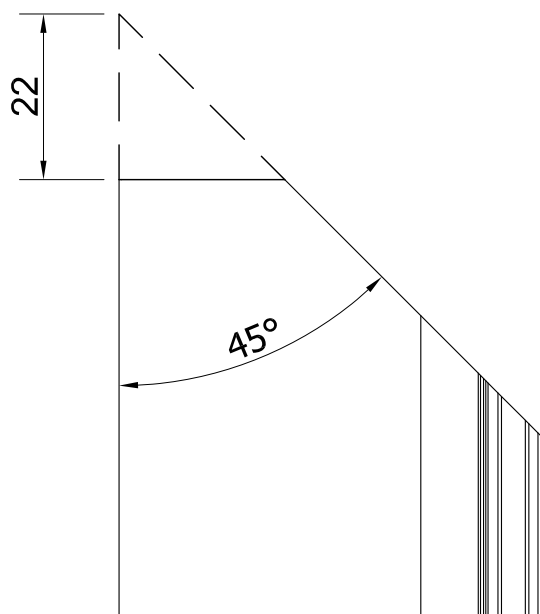
**UTILIZZARE PUNTA A DUE DIAMETRI
PER COMPENSATORE DI FISSAGGIO
ART. EA-0319**

**USE TWO DIAMETERS BIR
FOR FIXING TAB
ITEM EA-0319**

Lavorazioni - Tooling

LAVORAZIONE ANTA "Z" TTP815-818-827 PER ACCOPPIAMENTO ANTA "T"

TTP815-818-827 "Z" WING TOOLING FOR COUPLING "T" WING



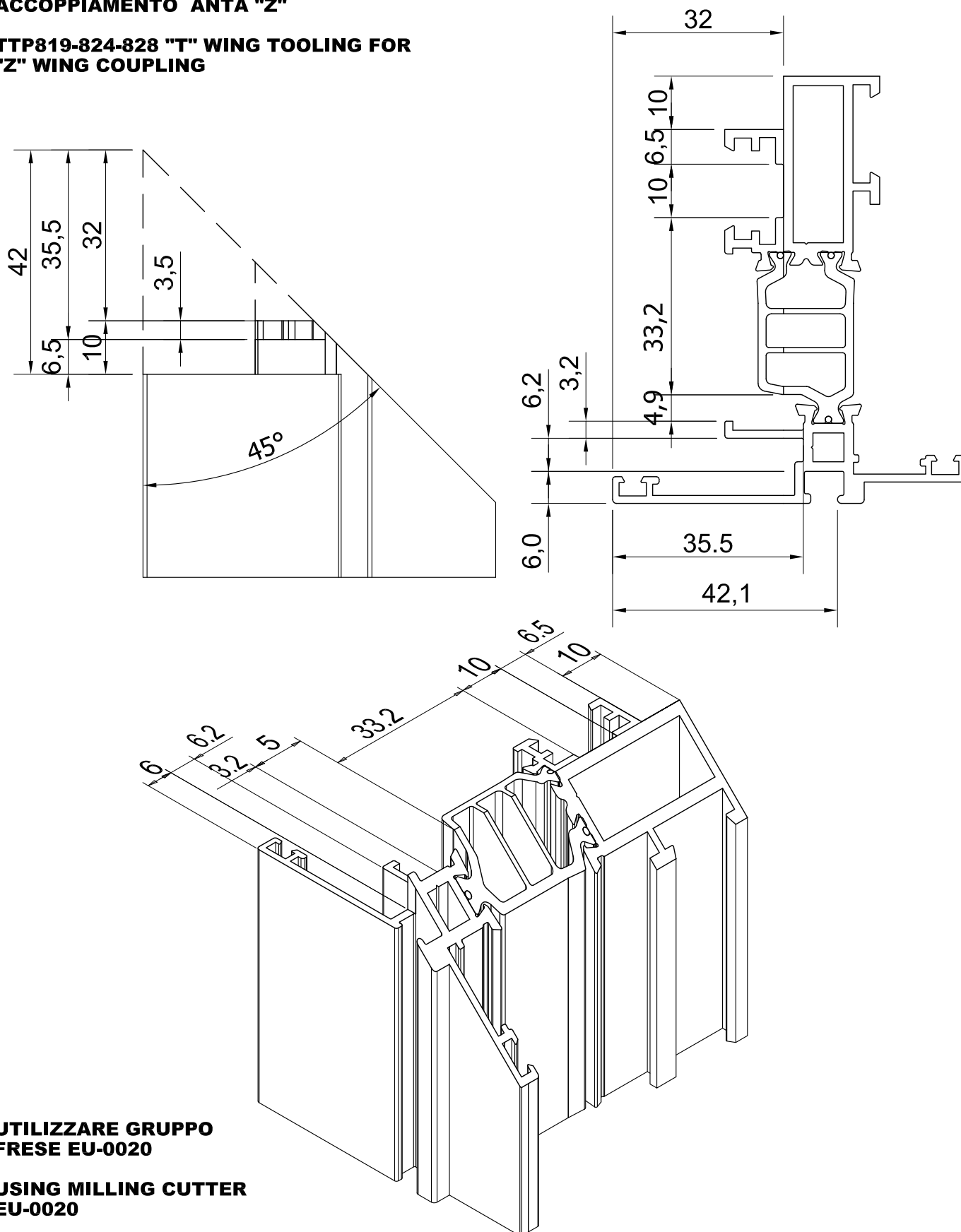
**UTILIZZARE GRUPPO
FRESE EU-0020**

**USING MILLING CUTTER
EU-0020**

Lavorazioni - Tooling

LAVORAZIONE ANTA "T" TTP819-824-828 PER ACCOPPIAMENTO ANTA "Z"

TTP819-824-828 "T" WING TOOLING FOR "Z" WING COUPLING

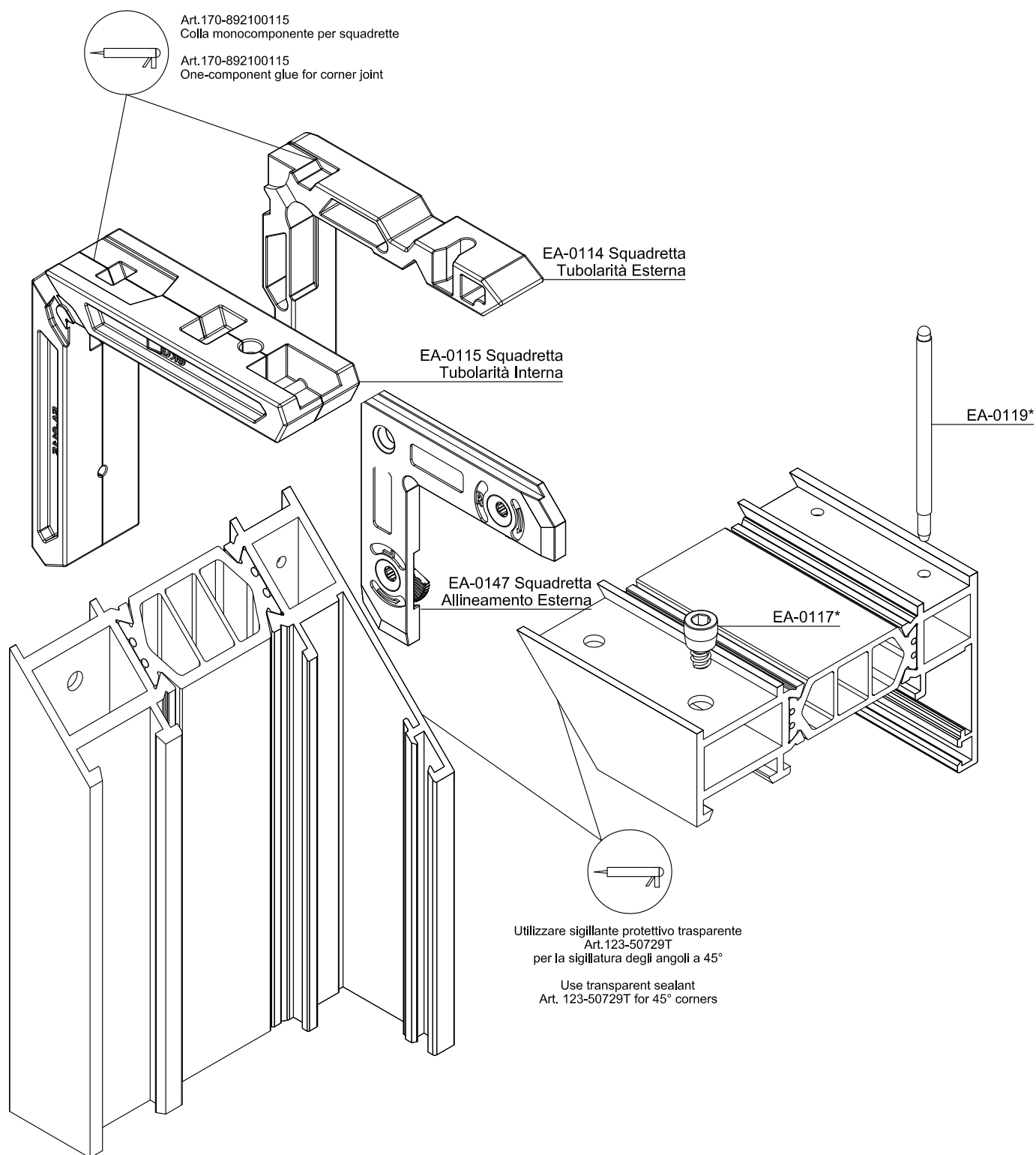


**UTILIZZARE GRUPPO
FRESE EU-0020**

**USING MILLING CUTTER
EU-0020**

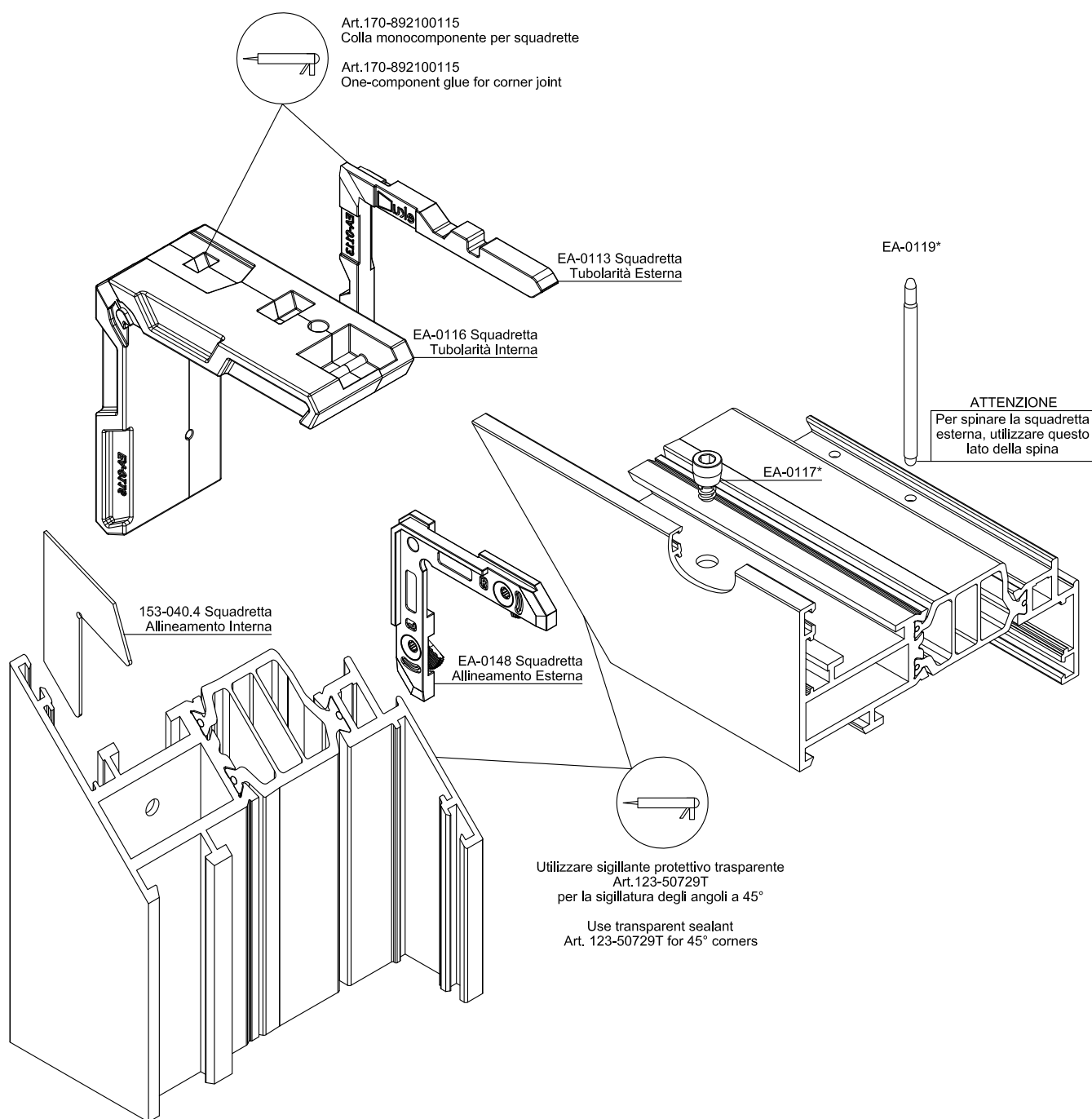
Lavorazioni - Tooling

* da utilizzare se non si cianfrina



Lavorazioni - Tooling

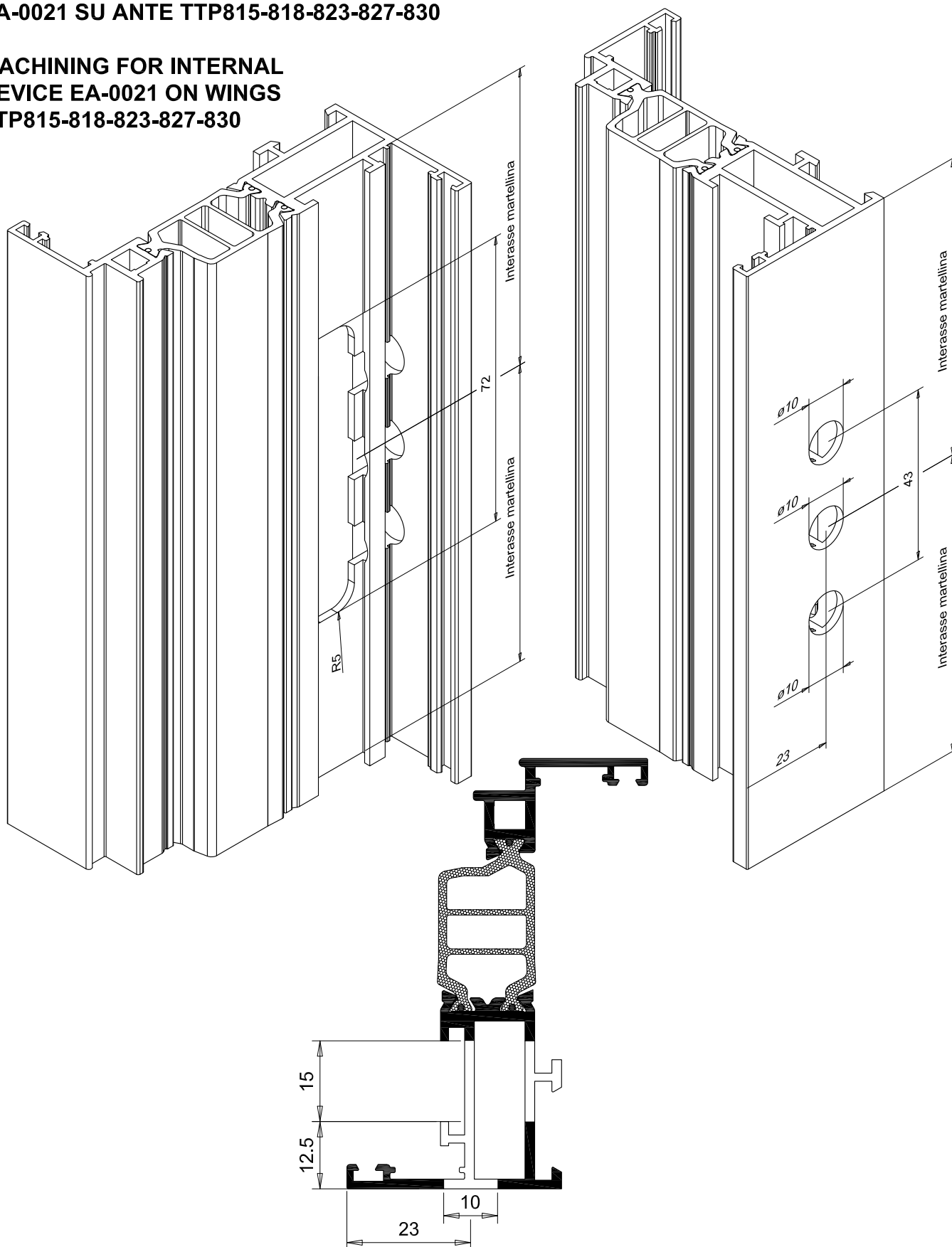
* da utilizzare se non si cianfrina



Lavorazioni - Tooling

LAVORAZIONE PER MOVIMENTAZIONE INTERNA EA-0021 SU ANTE TTP815-818-823-827-830

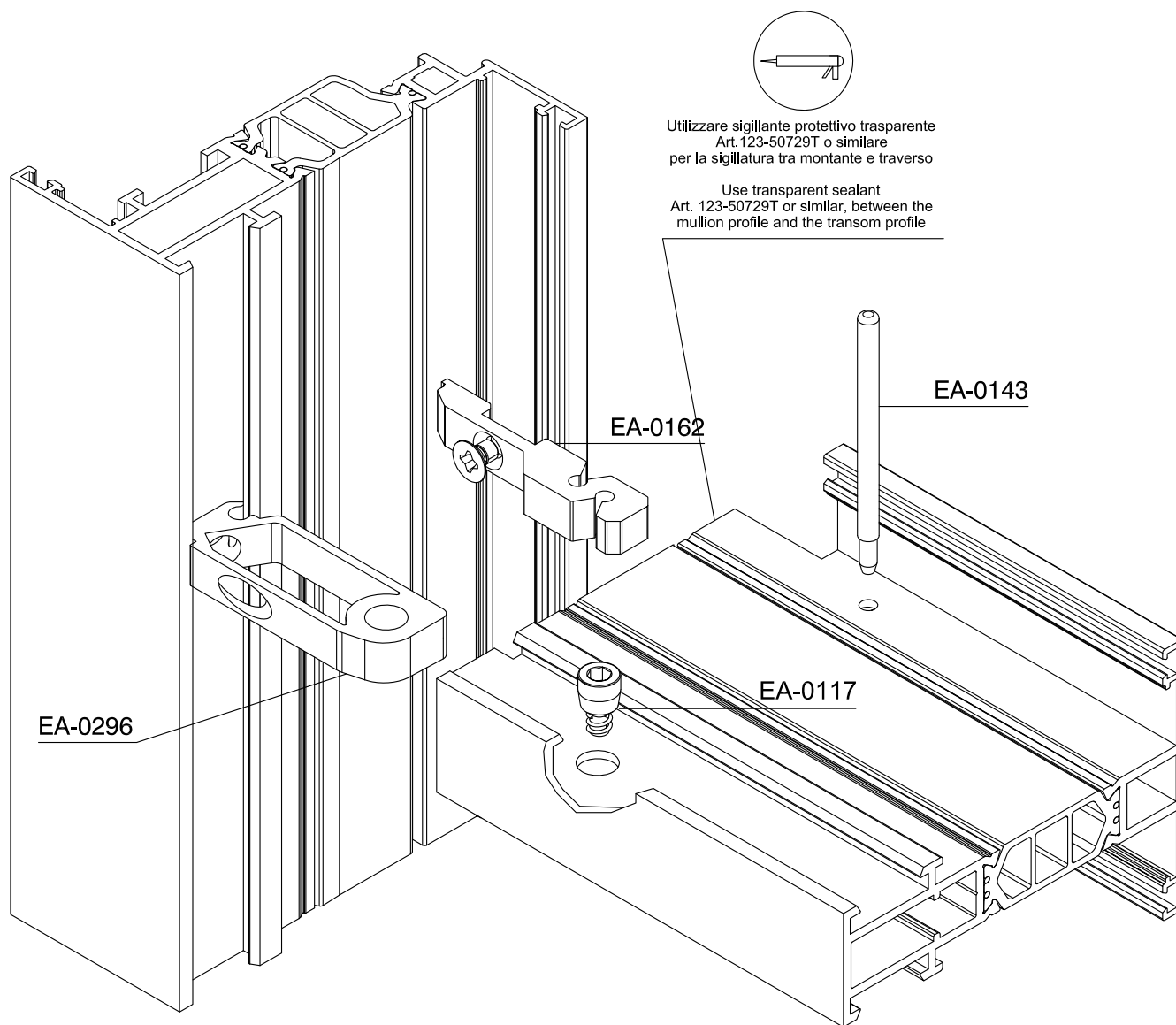
MACHINING FOR INTERNAL DEVICE EA-0021 ON WINGS TTP815-818-823-827-830



Lavorazioni - Tooling

CAVALLOTTI PER ANTA

T-JOINT FOR WING

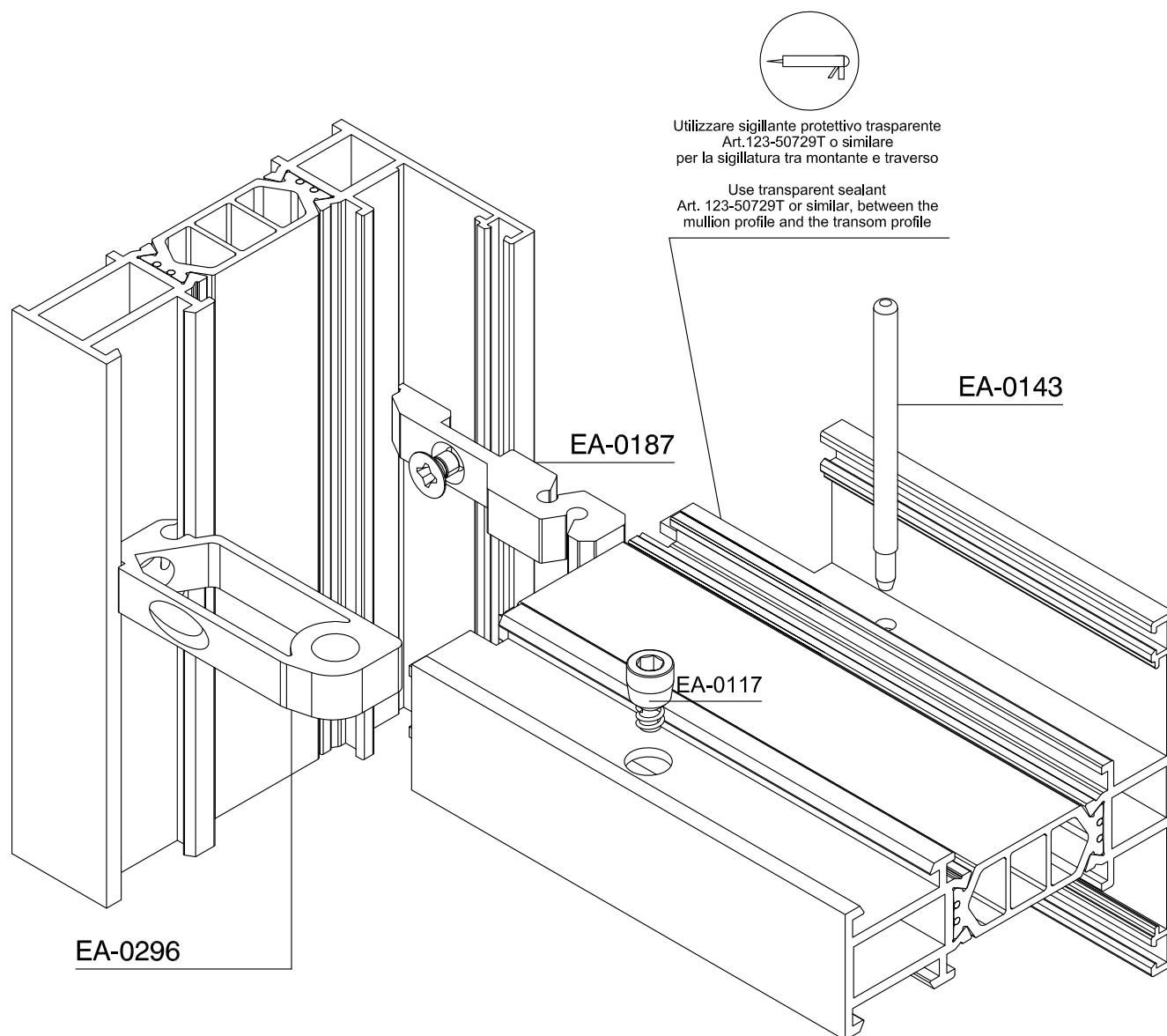


Codice Profilo Traverso Transom Profile Code	Cavallotti / T-Joint	
	Interno + Vite Internal + Screw	Esterno + Vite External + screw
TTP-812	N° 1/2 EA-0296* + N° 1 EA-0117	N° 1 EA-0162 + N° 1 EA-0143
TTP-826	N° 1/2 EA-0296* + N° 1 EA-0117	N° 2 VITI TCB 2,9x19 INOX A2
TTP-831	EA-0412	EA-0413 + 174-1591

* Articolo fornito in coppia
* Item supplied in pairs

Lavorazioni - Tooling

CAVALLOTTI PER TELAIO T-JOINT FOR FRAME



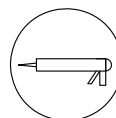
Codice Profilo Traverso Transom Profile Code	Cavallotti / T-Joint		Guarnizione Cavallotti Interni ed Esterni T-Joint gasket Internal and external
	Interno + Vite Internal + Screw	Esterno + Vite External + screw	
TTP-801	N° 1/2 EA-0296* + N° 1 EA-0117	N° 1 EA-0187 + N° 1 EA-0143	-
TTP-802	N° 1/2 EA-0296* + N° 1 EA-0117	N° 1 EA-0187 + N° 1 EA-0143	-
TTP-803	N° 1/2 EA-0296* + N° 1 EA-0117	N° 1 EA-0187 + N° 1 EA-0143	-
TTP-829	N° 1 EA-0412 + N° 1 EA-0117	N° 1 EA-0413 + N° 1 EA-0143	EG-0052
TTP-833	N° 1 EA-0412 + N° 1 EA-0117	N° 1 EA-0413 + N° 1 EA-0143 + 174-1591	EG-0052

* Articolo fornito in coppia

* Item supplied in pairs

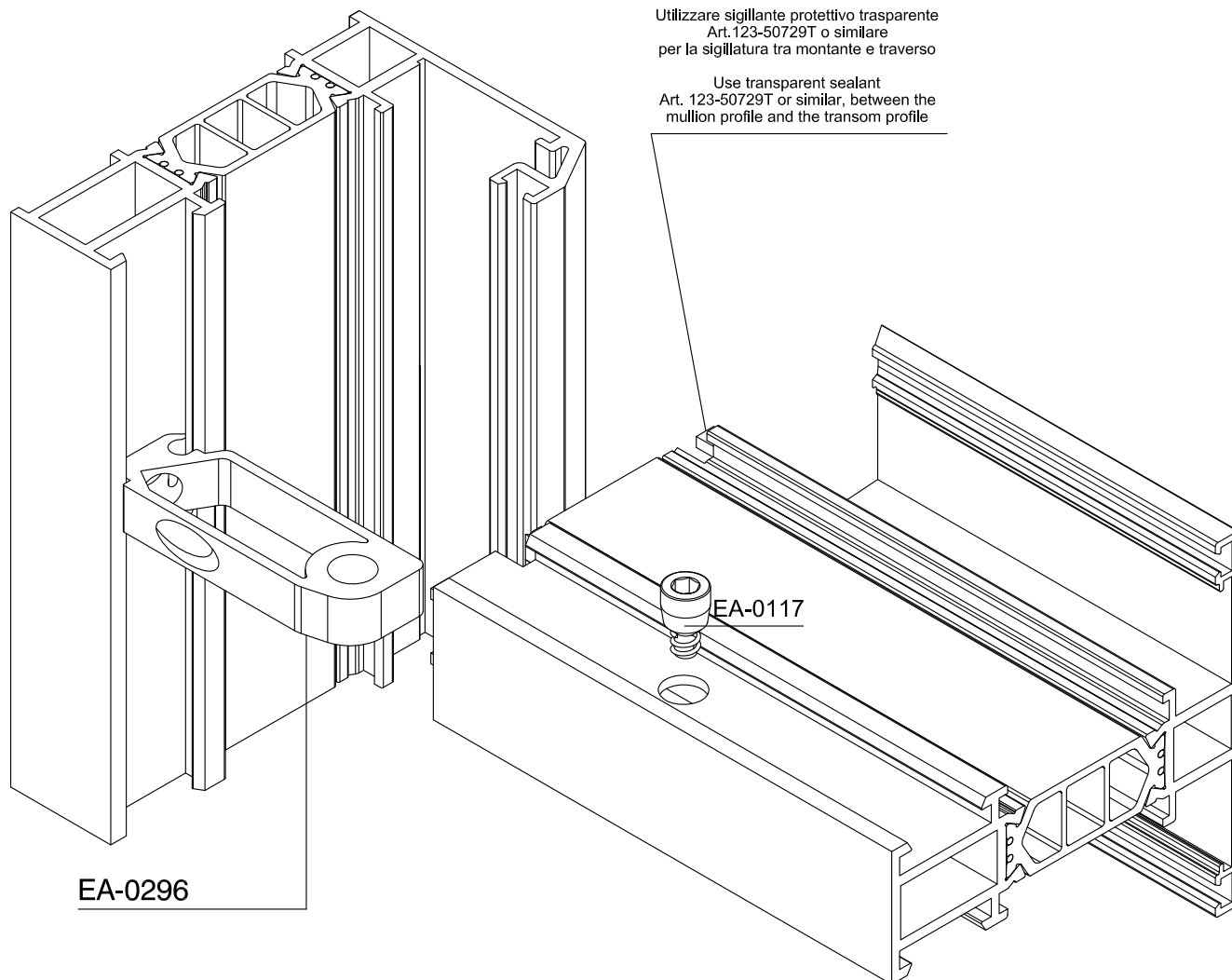
Lavorazioni - Tooling

CAVALLOTTI PER TELAIO SAGOMATO T-JOINT FOR SHAPED FRAME



Utilizzare sigillante protettivo trasparente
Art.123-50729T o similare
per la sigillatura tra montante e traverso

Use transparent sealant
Art. 123-50729T or similar, between the
mullion profile and the transom profile



EA-0296

EA-0117

Codice Profilo Traverso Transom Profile Code	Cavallotti / T-Joint	
	Interno + Vite Internal + Screw	Esterno + Spina External + Pin
TTP-803	N° 1/2 EA-0296* + N° 1 EA-0117	-

* Articolo fornito in coppia

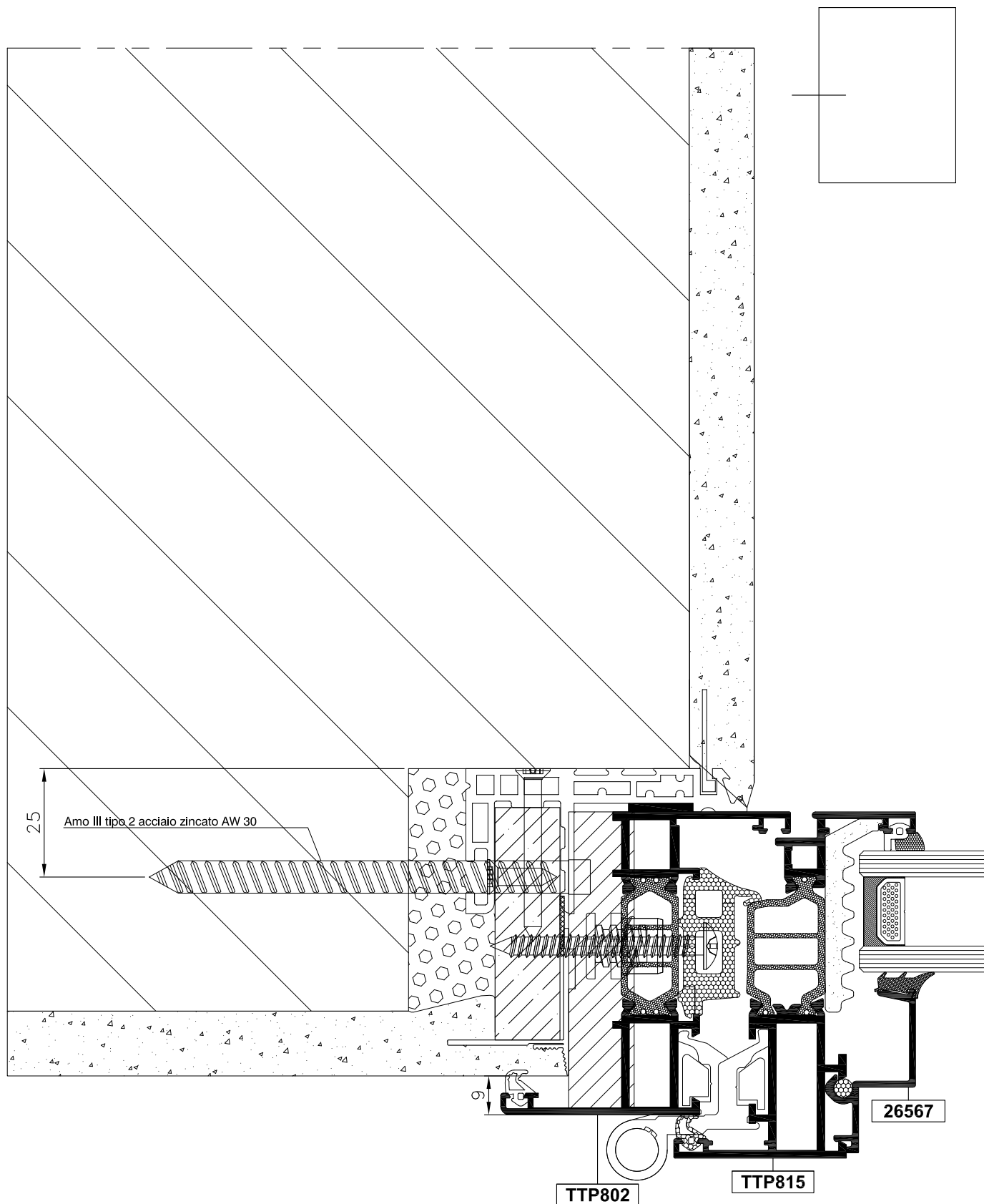
* Item supplied in pairs

COLLEGAMENTI ALLA MURATURA



LINKS TO THE WALL

Collegamenti alla muratura - *Links to the wall*



Collegamenti alla muratura - *Links to the wall*

