

Sistema per serramenti
a battente a taglio
termico

PLANET **50** *plus*

MATIC **50** *plus*

alsistem.com

Sistemi a design minimale



3G
SYSTEME REVOUEUR
3G UP
SYSTEME REVOUEUR

Sistema per serramenti a taglio a tripla dal design minimale, con nodo laterale di 75mm

Minimal design system for thermal break frames with triple rebate sealing system. Architectural show lateral section 75mm



ECO-SLIM
72 - 62 - 50
72 - 62 UP

Sistema per serramenti a taglio a tripla dal design minimale, con nodo laterale di 75mm

Minimal design system for thermal break frames with triple rebate sealing system. Architectural show lateral section 75mm



panoramico

Sistema scorrevole dalla mostra architettonica ridotta al minimo e in cui l'alluminio lascia spazio ad ampie specchiature

Minimal design sliding system where aluminium lets glass take the leading role

Sistemi non isolati

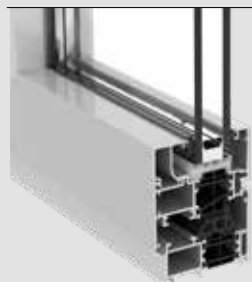


PLANET 45

Sistema per serramenti non isolati ad elevata ermeticità

Weatherproof European chamber non-insulated window and door systems

Sistemi a battente



PLANET
72 - 62 - 50 PLUS
72 - 62 UP

Sistema a taglio termico per serramenti con eccellenti valori termici, acustici e fisico meccanici

Planet top-range thermal break system with excellent thermal- and acoustic-proofness and physical-mechanical properties



MATIC
72 - 62 - 50 PLUS
72 - 62 UP

Sistemi a taglio termico per serramenti con ferramenta perimetrale ed elevate prestazioni termiche ed acustiche

Thermal break systems with perimeter hardware for high-performance thermal and acoustic-proof windows and doors

Sistemi scorrevoli e alzanti



SLIDE 60

Sistema scorrevole non isolato, essenziale e funzionale, con zanzariera integrata nel sistema

Non-insulated system, essential and functional. With built-in screen



SLIDE 65

Sistema scorrevole a taglio termico essenziale e funzionale con zanzariera prevista e integrata al sistema

Thermal break system, essential and functional, with built-in screen



SLIDE 80/106 PLUS

Sistema scorrevole-alzante a taglio termico rivoluzionario grazie agli eccellenti risultati termici ed acustici

Revolutionary thermal break system providing excellent thermal and acoustic performance



TOP SLIDE 160 PLUS
160 UP

Sistema a taglio termico per serramenti alzanti con portate fino a 400kg, ed eccellenti prestazioni acustiche, termiche e ambientali

Thermal break system for lift-and-slide windows of up to 400kg providing excellent acoustic, thermal and environmental performance

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Traccia per capitolato

Infissi in alluminio realizzati con la serie taglio termico Planet 50 Plus con sistema di tenuta a giunto aperto con pinna centrale di forma tubolare e materiale coestruso, espanso/compatto. I profilati sono estrusi in lega di alluminio 6060 (EN 573.3), stato di fornitura T5 e T6 conformi alla norma EN 755.2 con tolleranze dimensionali e spessori conformi alla norma UNI12020-2 : 2001. Lega secondo la formula ALSistem.

L'isolamento termico sarà costituito da barrette esclusivamente tubolari a doppia camera da 16 mm in poliammide 6.6 rinforzato al 25% con fibre di vetro, l'assemblaggio delle barrette avverrà a mezzo di rullatura meccanica computerizzata, e le caratteristiche meccaniche delle barrette dovranno rimanere inalterate sino ad una temperatura massima di trattamento di 245°C.

Il processo di produzione è controllato secondo le norme UAETC, i valori di scorrimento dovranno essere superiori ai 24 daN/mm. Il telaio fisso avrà profondità 50mm mentre le parti apribili avranno una profondità di 58mm. Il sistema di tenuta sarà a giunto aperto con guarnizione centrale, in EPDM, avente un'aletta di tenuta che sormonta di 4,5mm il piano inclinato della parte apribile, la guarnizione centrale dovrà essere raccordata nei giunti con gli opportuni angoli vulcanizzati. I profili avranno linee dritte o arrotondate internamente ed esternamente con la possibilità di accogliere soluzioni di fermavetri con taglio a 45° oppure 90°; nel caso di taglio a 90° con fermavetri arrotondati si potranno utilizzare gli appositi angoli di raccordo in alluminio pressofuso. La sigillatura dei vetri dovrà avvenire secondo le indicazioni riportate nel catalogo e solo ed esclusivamente con guarnizioni fermavetro originali. Appositi fori di drenaggio dovranno essere previsti sul telaio fisso e su quello mobile al fine di permettere il corretto drenaggio del serramento. La scelta dei profili sarà in funzione delle caratteristiche geometriche e dimensionali dell'infisso, della portata degli accessori e dei carichi di esercizio. Gli accessori utilizzati nella fabbricazione delle diverse tipologie dovranno essere solo ed esclusivamente quelli originali studiati appositamente per il sistema, riportati a catalogo e distribuiti dai licenziatari ALSistem, l'utilizzo di prodotti diversi da quelli indicati oppure il montaggio parziale o scorretto degli stessi comporterà la nullità dei certificati di prova e garanzia. La fabbricazione e la posa dovranno avvenire secondo i criteri di lavoro indicati da ALSistem. L'assemblaggio dei profili avverrà con squadrette in alluminio pressofuso multifunzione, i tagli dovranno essere protetti a mezzo sigillanti neutri.

La protezione e finitura dei profilati avverrà a mezzo dei normali trattamenti di superficie, ossidazione anodica conforme al marchio di qualità "Qualanod" oppure a mezzo di verniciatura con polveri poliesteri termoindurenti e polimerizzate in forno a temperature comprese tra 185°C e 195°C, in conformità del marchio di qualità "Qualicoat".

Materiali

L'esecuzione dei serramenti è in lega d'alluminio EN AW 6060 sotto forma di profilati estrusi come indicato dalla disposizione normativa EN 755.3. Lo stato di fornitura è in classe T5 e T6 secondo norma EN 755.2. Le tolleranze dimensionali sono conformi alla UNI 12020-2: 2001. Lega secondo la formula ALSistem.

Caratteristiche tecniche e dimensionali

Aspetto visivo esterno: complanare

Aspetto visivo interno: complanare o sormonto di 8mm

Profilati: estrusi in lega leggera 6060 (UNI35690TA) anodizzabili e verniciabili

Sistema di tenuta: giunto aperto con precamera o doppia battuta, con guarnizioni in EPDM

Sistema di isolamento termico: realizzato con distanziali in poliammide da 16mm a forma tubolare

Sistema di accessori: originali ALSistem

Distanza telaio anta: 11.5mm

Sovrapposizione battuta anta su telaio: 6mm

Altezza battuta vetro: 22mm

Fuga tra i profili: 5mm

Profondità telaio: 50mm

Profondità anta: 57mm/58mm

Tubolarità profili finestra: 15mm

Tubolarità profili porta: 36.4mm

Fissaggio vetri: con fermavetri lisci, raggiati, smussati o modanati

Spazio vetro o pannello nei telai fissi: da 5mm a 43mm

Spazio vetro o pannello nelle ante: da 5mm a 51mm

Protezione superficiale

La protezione dei profilati potrà essere effettuata mediante ossidazione anodica con classe di spessore >15 micron, come da norma UNI4522/00 (66-70), oppure mediante verniciatura a polveri poliesteri termoindurenti e polimerizzate in forno nel rispetto delle procedure di qualità "Qualicoat" e delle disposizioni UNI EN 12206-1.

Resistenza della finitura

La finitura superficiale non deve subire corrosioni o alterazioni di aspetto per un periodo di tempo adeguato alla vita del manufatto. Le caratteristiche sufficienti per assicurarne il comportamento in funzione del tipo di ambiente sono specificate dalle norme UNI4522/00 per l'ossidazione e UNI EN 12206-1 per la verniciatura, ricordando che i principali fattori che influiscono sulla resistenza all'ambiente sono la vicinanza al mare, l'inquinamento atmosferico, la manutenzione e la pulizia anche dalla pioggia.

Sicurezza

Al fine di non causare danni fisici o lesioni agli utenti, i serramenti devono essere concepiti secondo le prescrizioni della normativa in materia di sicurezza D.Lgs. 81/2008 e UNI 7697-07 ed utilizzare secondo quanto indicato nel nostro "manuale uso e manutenzione" dei serramenti e schermi oscuranti.

Caratteristiche della vetratura

La scelta della vetratura deve essere effettuata secondo criteri prestazionali per rispondere ai requisiti di risparmio energetico, isolamento acustico, controllo della radiazione solare, sicurezza. Riferimento norme: UNI EN ISO 140-3:06, UNI6534:74, UNI EN 572-1:04, UNI EN 12758:04, UNI EN 12150-1:01, UNI 7143:72 DM 2 Aprile 1998, legge 90/2013 e dei requisiti minimi.

Guarnizioni

Le guarnizioni dovranno essere esclusivamente quelle originali studiate per il sistema, a garanzia delle prestazioni dello stesso e rispondenti alle norme di riferimento UNI 3952:98, UNI 12365:05.

Sigillanti

I sigillanti devono corrispondere a quanto prescritto dalle norme di riferimento UNI EN ISO 11600:04. Tali materiali non devono corrodere le parti in alluminio e sue leghe con cui vengono a contatto, pertanto dovranno essere neutri.

Accessori

Gli accessori dovranno essere quelli originali prodotti per la serie e rispondenti ai criteri indicati nelle norme UNI e alle disposizioni normative in materia di sicurezza D.Lgs. 81/2008.

Prestazioni

La serie Planet 50 Plus risponde ai requisiti della norma UNI EN 12207:00, UNI EN 12208:00, UNI EN 12210:00.

Resistenza meccanica

Il sistema e gli accessori saranno resistenti alle sollecitazioni d'uso secondo i limiti stabiliti dalle norme UNI 12365:05.

Isolamento acustico

La scelta della classe di isolamento acustico di un serramento va correlata alla destinazione d'uso del locale nel quale l'infisso dovrà essere inserito ed al livello del rumore esterno; il comportamento del serramento in opera è influenzato da fattori che non è possibile definire a priori (h dal suolo, orientamento delle sorgenti sonore, ecc...). Il potere fonoisolante potrà essere quindi stimato con buona approssimazione, in base alla permeabilità all'aria del serramento con un minimo di valore di permeabilità pari a 2, ed al potere fonoisolante del vetro. Secondo la metodologia descritta nella norma di riferimento UNI EN ISO 140-3:06.

Isolamento termico

La scelta delle prestazioni di isolamento termico deve essere operata in base alle esigenze di risparmio energetico secondo la legge 10/91 e DL.192/05 e aggiornamento DL.311/06 ed alle esigenze di benessere ambientale o riferimento alla norma UNI EN ISO 10077-1:07. Si può calcolare la trasmittanza termica del serramento a partire dai valori di trasmittanza dei profili e delle superfici secondo norma UNI EN ISO 10077-1:07 con la formula:

$$U_w = (A_g \cdot U_g + A_f \cdot U_f + I_g \cdot \psi) \div (A_g + A_f)$$

Certificazioni

Sarà possibile richiedere al costruttore dei serramenti o, in mancanza, al produttore dei profilati, fotocopia dei rapporti di prova relative a determinate prestazioni.

Marcatura CE UNI EN 14351-1

La marcatura CE è **OBBLIGATORIA** e costituisce il sistema al quale tutti i Costruttori di serramenti devono uniformarsi per poter vendere i propri prodotti nell'Unione Europea. Spetta al Costruttore, o al suo rappresentante, con sede nella EEA [Area Economica Europea] la responsabilità di apporre la marcatura CE sul prodotto, su un'etichetta applicata al prodotto, sul suo imballaggio o sui documenti commerciali di accompagnamento.

La norma UNI EN 14351-1 si applica alle finestre, porte finestre, alle porte pedonali esterne, alle porte esterne sulle vie di fuga, alle finestre da tetto/lucernari (incluse quelle resistenti al fuoco proveniente dall'esterno), alle finestre a nastro, alle finestre accoppiate e alle finestre doppie. Tali serramenti possono essere a una o più ante, con ante mobili e parti fisse, con apertura verso l'interno o verso l'esterno, a movimentazione manuale oppure automatizzata, interamente oppure parzialmente vetrati, con o senza telaio di contenimento della vetratura, con o senza dispositivi di schermatura incorporati.

La norma UNI EN 14351-1 non è applicabile a:

- finestre, portefinestre e porte pedonali con caratteristiche di resistenza al fuoco e tenuta al fumo
- alle porte interne (EN 14351-2)
- alle chiusure oscuranti esterne (UNI EN 13659)
- alle porte girevoli
- alle finestre poste sulle vie di fuga

La norma contempla determinati requisiti volontari e/o obbligatori:

- Tenuta all'acqua
- Rilascio di sostanze pericolose
- Resistenza all'urto
- Resistenza al vento
- Capacità portante dei dispositivi di sicurezza
- Isolamento acustico
- Isolamento termico
- Proprietà radianti delle vetrazioni (trasmissione Luminosa)
- Permeabilità all'aria

Piano di Controllo di Produzione (FPC)

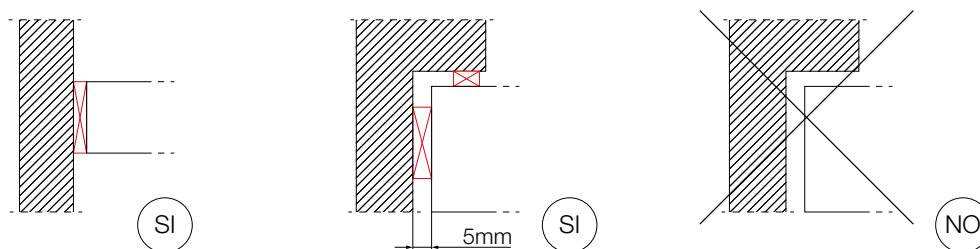
Il controllo di produzione in fabbrica è un sistema esercitato dal costruttore sotto propria responsabilità, al fine di assicurare che le caratteristiche costruttive del prodotto siano mantenute nel tempo entro certi limiti. Il costruttore dovrà stabilire delle procedure documentate, che indichino le modalità che, il personale addetto ai vari controlli, dovrà effettuare per monitorare con frequenza ed esattezza il processo assegnatogli. Il costruttore è tenuto a garantire la rintracciabilità del prodotto attraverso l'uso di codici o altro. Mediante uno schema, il produttore è inoltre tenuto a comunicare al committente indicazioni circa l'utilizzo, la movimentazione, l'installazione, la manutenzione e pulizia del prodotto. Non sono invece analizzate le caratteristiche dell'installazione, ma suggeriamo caldamente di fare riferimento alle indicazioni riportate sui nostri manuali di posa "Thermoposa".

Test di Laboratorio (ITT)

Le caratteristiche del serramento sono valutate sul prodotto finito completo di ferramenta, vetrocamera, pannelli e di tutti gli accessori e trattamenti che lo rendono pronto all'uso. Il costruttore che lo richiama può ottenere i risultati delle prove (ITT) sui serramenti direttamente dall'ALSistem oppure dal licenziatario di zona, la quale cede il diritto d'uso dei risultati degli attestati dei propri ITT ricevuti dal Laboratorio, tramite un contratto fra le parti a "Cascading" (Cascata). Il costruttore ha la responsabilità della conformità del prodotto alle norme europee indicate sul progetto di norma e recepite dalle norme nazionali (norme UNI).

Posa in opera

E' molto importante, per ottenere un buon funzionamento del serramento, curare scrupolosamente la verticalità e il livellamento dell'infisso, dopodiché eseguire la sigillatura usando nastri autoespandenti Thermoposa seguendo i consigli dell'esempio sotto riportato, Controllare inoltre che le aperture siano caricate sufficientemente (spessorando il vetro di 1-2 mm fuori quadro), affinché, con l'assestamento dei materiali, non si verifichino delle intolleranze di funzionamento nel tempo.



Inoltre, fondamentale è posare il serramento in modo corretto; per questo ALSistem consiglia di utilizzare il sistema **Thermoposa** con il quale si garantisce un sistema di posa del serramento ad alta efficienza termo-acustica. Grazie a questo sistema garantiamo l'adeguato isolamento del foro finestra ed un efficiente messa in opera del serramento nelle nuove costruzioni e nelle ristrutturazioni. Sono pertanto consigliati 3 principali interventi: corretta posa in opera del serramento, coibentazione del cassonetto, quando presente, taglio del marmo, se passante. Per maggiori indicazioni invitiamo a collegarsi a Thermoposa.com.

Manutenzione delle superfici in alluminio

A seguito dei forti tassi di inquinamento oramai raggiunti in tutti i paesi, specialmente nei grossi centri urbani e nelle zone costiere battute dal vento marino, è molto importante che le superfici in alluminio, a contatto con l'atmosfera, siano periodicamente pulite. Il nostro intento è quello di sensibilizzare il costruttore dei serramenti affinché possa di riflesso consigliare IL CLIENTE nel migliore dei modi.

E' buona norma tenere in considerazione 3 punti fondamentali:

- 1- quante volte deve essere eseguita l'operazione di pulizia nell'arco dell'anno
- 2- il periodo
- 3- il prodotto da usare

Ecco le risposte:

Il numero di interventi viene stabilito sulla base dello stato di inquinamento della zona in cui è ubicato il caseggiato, varia da 1 a 3 volte l'anno.

Il periodo può essere:

- a fine inverno
- a metà estate
- a metà autunno da scegliere a seconda del numero di interventi

Il prodotto per la pulizia è importante che sia neutro, un prodotto sbagliato potrebbe rovinare i materiali di diversa natura di cui è composto un serramento, (guarnizioni, sigillanti, marmi, ecc.....) e causare danni che potrebbero compromettere la funzionalità e la durata nel tempo dello stesso.

Le caratteristiche di tali prodotti assieme alla frequenza di pulizia da adottare sono definite nei progetti di norma UNIMET12.04.270 ed E12.04.277.0.

In mancanza di un prodotto neutro è preferibile utilizzare acqua tiepida con un panno non abrasivo.

Per una corretta installazione, manutenzione e pulizia dei serramenti, vi invitiamo inoltre a consultare le prescrizioni riportate sulle seguenti note tecniche Uncsaal, UX 42 guida alla posa in opera delle finestre ed UX 10 pulizia delle superfici di serramenti e facciate continue.

Fasi di verniciatura

1. Il ciclo di verniciatura offre la possibilità di ottenere sugli infissi un eccellente rivestimento protettivo superficiale ed una maggiore vivacità del colore;
 2. lo strato deve avere uno spessore min. di 60 micron sulle parti a vista;
 3. il materiale sarà sottoposto al seguente processo:
 - sgrassatura senza attacco
 - lavaggio
 - decapaggio alcalino con attacco
 - lavaggio
 - disossidazione
 - lavaggio
 - cromatazione
 - lavaggio in acqua demineralizzata
 - asciugatura a 75°C
 - verniciatura in polveri termoindurenti
 - polimerizzazione in forno
- Tutte le lavorazioni eseguite su alluminio devono essere conformi a quanto previsto dal marchio di qualità Qualicoat®.

Fasi di anodizzazione

1. Lo strato ossido può variare secondo la zona di ubicazione del serramento da 15 a 20 micron (UNI4522-66);
2. può essere normale o elettrocolore;
3. il materiale sarà sottoposto al seguente processo:
 - sgrassatura senza attacco
 - lavaggio
 - decapaggio alcalino con attacco (tranne le finiture lucide)
 - lavaggio
 - disossidazione
 - lavaggio
 - ossidazione in bagno acido solforico a 18/20°C, densità della corrosione 1,5[A]dmq
 - colorazioni inorganiche od organiche od elettrocolore (tranne argento)
 - lavaggio doppio
 - asciugatura
 - fase di fissaggio a caldo in ebollizione a Sali di nichel, fissaggio 2,5/3 minuti per ogni micron di spessore

Osservazione

Nella fase preventiva il progettista o il serramentista dovrà determinare il tipo di serramento da impiegare sulla base degli elementi forniti dal committente. Nella scelta o controllo si dovrà considerare, sulla base della pressione del vento, il momento d'inerzia necessario e scegliere il profilato occorrente nella gamma Planet. Ovviamente dovranno essere utilizzati adeguati accessori, tra quelli originali ALSistem, predisposti per le serie Planet.

Dimensione e pesi profilati

Le dimensioni e i pesi indicati sui disegni dei profilati a catalogo sono quelli teorici e possono variare in funzione delle tolleranze dimensionali di estrusione (Norme UNI EN 12020-02) e dal tipo di finitura. Anche la verniciatura, contribuisce ad aumentare gli spessori riducendo pertanto le sedi di inserimento delle guarnizioni e degli accessori. Questa variabilità potrebbe condizionare le dimensioni del taglio e di conseguenza quelle del serramento finito. Le differenze di taglio potranno aumentare in modo proporzionale anche in base al numero di ante per serramento. Si consiglia, nei primi lavori o in quelli con quantità importanti, di realizzare un campione reale per verificarne il corretto funzionamento.

Dimensioni taglio

Le dimensioni teoriche di taglio indicate nel presente catalogo si dovranno modificare in funzione della tipologia e sulla base della precisione della macchina di taglio che si sta utilizzando, (ad es. per porte a 2 ante ap.est. con maniglione antipánico, la fuga dovrà essere 8mm anziché 5mm; le finestre a 3 e 4 ante e le finestre di misure ridotte dovranno avere le ante più strette del teorico, di almeno 0,5mm ogni traverso, per evitare interferenze sulla rotazione, ecc...).

Consigli per un corretto assemblaggio

Per ottenere i migliori risultati utilizzando i profili Planet si consiglia di osservare attentamente tutte le voci di seguito riportate, atte a rinforzare tutti i punti deboli di una finestra comune, ottimizzando così le prestazioni offerte dal serramento.

Procedura corretta	Obiettivo
sigillare i profili tra loro nel giunto a 45°	evita infiltrazioni d'acqua evita la corrosione e l'ossidazione
sigillare i profili sul montante quando gli stessi vengono intestati	evita infiltrazioni d'acqua evita la corrosione e l'ossidazione
utilizzare la guarnizione giunto aperto sulla soglia anche nella soluzione doppia battuta	facilita l'evacuazione dell'acqua
utilizzare l'angolo vulcanizzato della guarnizione di battuta centrale	aumenta la permeabilità all'aria aumenta la tenuta all'acqua
utilizzare l'angolo vulcanizzato della guarnizione di battuta interna	aumenta la permeabilità all'aria e migliora la finitura dell'infisso
usare curve limite di utilizzo per la scelta del profilo	evita scelte inadeguate del profilo
sigillare il serramento sul perimetro tra profilo e controtelaio con sigillante BG1 seguendo le indicazioni contenute nel programma Thermoposa®	evita infiltrazioni d'acqua e garantisce il giunto primario per 10 anni
utilizzare sempre il tassello di registro	facilita la posa in opera, inquadra meglio il telaio, isola i materiali e limita la trasmissione delle vibrazioni
proteggere tutte le lavorazioni effettuate sui profilati	evita la corrosione e l'ossidazione facendo aumentare la durata dell'infisso nel tempo
per infissi con aperture antipánico usare profili maggiorati	facilita l'applicazione degli accessori
utilizzare controsagome durante il taglio a 45°	garantisce un taglio corretto al fine di ottenere una giunzione d'angolo perfetta
utilizzare squadrette multifunzione	garantisce giunzioni di alta qualità

Certificazione accessori



I prodotti in alluminio verniciato sono certificati secondo le specifiche tecniche del: QUALICOAT



I prodotti in alluminio anodizzato sono certificati secondo le specifiche tecniche del: EURAS EWAA QUALANOD



Gli accessori per le gamme Planet sono prodotti da aziende certificate ISO9001 e ISO14001

Importante

Tutti i dati esposti in questo catalogo sono puramente indicativi e non impegnano in nessun modo la società la quale si riserva la possibilità di portare migliorie ai suoi prodotti in qualunque momento lo ritenga necessario. La società si riserva il diritto di proprietà del presente catalogo con la proibizione di riprodurlo o trasferirlo a terzi senza l'autorizzazione scritta.

Determinazione della trasmittanza termica dei nodi del sistema per serramenti Planet 50 Plus

Per la determinazione della trasmittanza termica dei profilati, l'intera serie Planet 50 Plus è stata certificata, dal laboratorio notificato IRCCOS, secondo la normativa di prodotto EN 14351-2006, seguendo il metodo di calcolo tramite "Flixo pro 8.0".

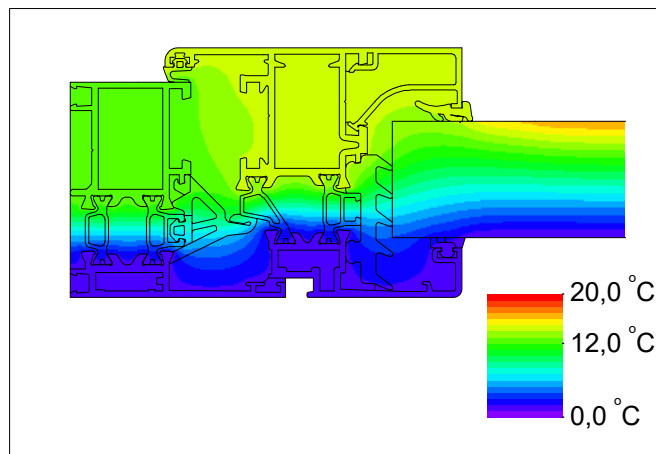
ATTENZIONE al momento della stampa dell'edizione il sistema è in fase di certificazione, chiedere in ufficio tecnico la documentazione.

Metodologia di analisi utilizzata

Il calcolo della trasmittanza termica è stato eseguito in accordo con la norma UNI EN ISO 10077-2:2004. Per i calcoli è stato utilizzato il software "Flixo pro 8.0". Si riporta come esempio, una pagina del documento rappresentante il nodo laterale e centrale.

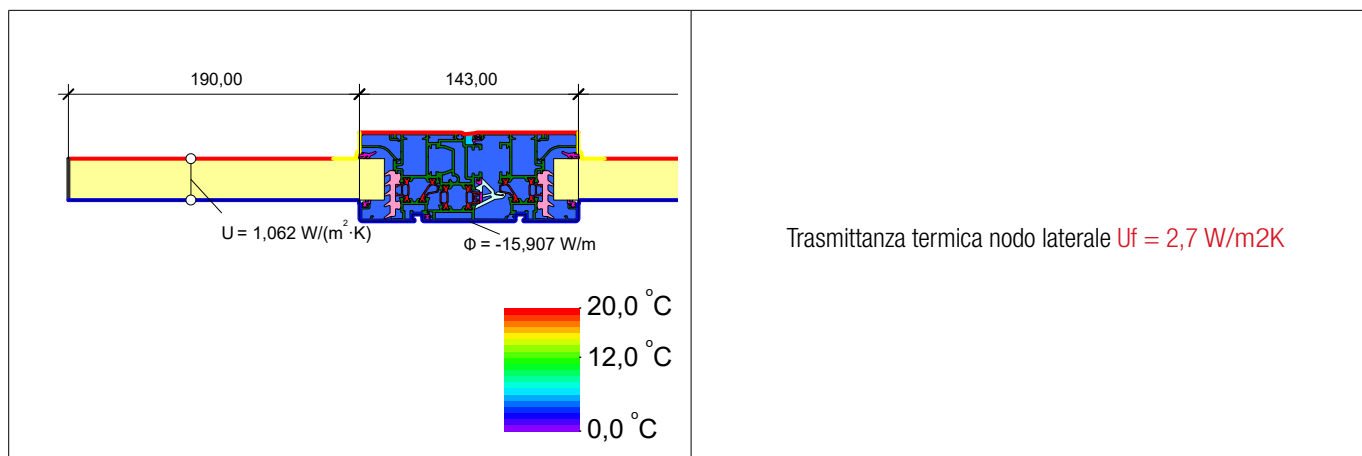
ATTENZIONE al momento della stampa dell'edizione il sistema è in fase di certificazione, chiedere in ufficio tecnico la documentazione.

Andamento delle temperature e dei flussi di calore nel nodo laterale TT 51803 + TT 51877



Trasmittanza termica nodo laterale $U_f = 2,7 \text{ W/m}^2\text{K}$

Andamento delle temperature e dei flussi di calore nel nodo centrale TT 518177+ TT 51313 + TT51877



Certificazioni serie Planet 50 Plus

Per il principio di estendibilità i certificati sotto riportati sono validi per la serie Planet 50 Plus per le diverse tipologie di serramenti indicati in tabella.

PROVE	TIPOLOGIE SERRAMENTI			
	Finestra 2 ante ribalta	Finestra 2 ante ribalta	Bilico orizzontale e verticale	Scorrevole parallelo
Misure del serramento	H=1.650mm L=1.350mm	H=2.400mm L=1.500mm	H=2.000mm L=2.000mm	H=2.400mm L=1.500mm
Numero certificato	0970-CPD-RP0265	1994-CPD-RP0164	1994-CPD-RP0167	1994-CPD-RP0166
Valore prova permeabilità all'aria	classe 4	classe 4	classe 4	classe 4
Valore prova tenuta all'acqua	classe 9A	classe E750	classe E900	classe E1500
Valore prova resistenza al vento	classe C5	classe B4	classe C4	classe B4

PROVE	TIPOLOGIA SERRAMENTO	MISURE SERRAMENTO	N° CERTIFICATO	VETROCAMERA	RISULTATO
Valore prova acustica	Finestra 2 ante ribalta	H=1-650mm L=1.350mm	4402-RP-07	10/15/44.1 da 44dB	dB=42dB
Valore prova acustica	Finestra 2 ante ribalta	H=1-650mm L=1.350mm	4403-RP-07	66.2/16/44.2 da 50dB	dB=43dB

General specifications

Aluminum frames created with thermal break Planet 50 Plus doors and windows with central. The profiles are extruded in aluminium alloy EN AW 6060 (EN 573.3), supply condition T5 and T6 in accordance with standard EN 755.2 with dimensional tolerances and thicknesses compliant with standard UNI EN 755-9 and UNI12020-2 : 2001. Alloy according to ALSistem formula. The thermal insulation will consist of 16mm polyamide 6.6 hi-tech solution strips reinforced 25% with fibreglass with a moisture absorption value lower than 2% at a temperature of 23°C and a level of humidity at 50%; the strips are assembled by means of computerised mechanical rolling, and the mechanical characteristics of the strips must remain unaltered up to a maximum treatment temperature of 245°C. The production process is controlled in accordance with UAETC standards, the sliding values must be greater than 24 daN/mm. The fixed frame shall be 50mm deep, whilst the openable parts shall be 58mm deep. The sealing system shall be of the open joint type with a central EPDM gasket with a seal fin on the sloping surface of the profile on the moving part of the window; the central gasket must be connected at the corners with the appropriate vulcanised corners. The profiles have been designed with straight of rounded lines internally and externally with the possibility of accommodating glazing bead solutions cut at 45° or 90°; where cut at 90° with rounded glazing beads, the appropriate connecting corners in die-cast aluminium can be used. The glazing must be sealed in accordance with the instructions shown in the catalogue and exclusively with original glazing bead gaskets. Appropriate drainage holes must be made on the fixed frame and on the moving frame in order to allow the correct drainage for the window/door. The limits of use of the profiles depend on their geometric characteristics, on the scope of the accessories and on the operating loads. The accessories used in the manufacture of the various types must be exclusively the originals designed especially for the system, as shown in the catalogue and distributed by the ALSistem licensees; the use of products other than those indicated or their partial or incorrect assembly shall render the test certificates and guarantee null and void. The manufacture and installation must be in accordance with the operating criteria indicated by ALSistem. The profiles shall be assembled with brackets in extruded or die-cast aluminium to be buttoned, pinned, crimped or screwed, the edges must be protected with acrylic, silicone or MS polymer sealants. The profiles must be protected and finished by means of normal surface treatments, anodic oxidation compliant with the "Qualanod" quality label or by painting with thermosetting polyester in powder form and oven-polymerised at temperatures between 185°C and 195°C, in accordance with the "Qualicoat" quality label.

Materials

The doors and windows are made from aluminium alloy EN AW 6060 extruded profiles as indicated in standard EN 755.3. The supply condition is within class T5 and T6 in accordance with standard EN 755.2. Dimensional tolerances comply with UNI 12020-2 : 2001. Alloy according to ALSistem formula.

Technical and dimensional characteristics

External visual appearance: flush

Internal visual appearance: flush or overlapping 8mm

Profiles: light alloy 6060 (UNI35690TA) extrusions; they can be anodised and painted. Alloy according to ALSistem formula.

Sealing system: open joint with pre-chamber or double rebate, with EPDM gaskets

Thermal insulation system: made using 16mm polyamide tubular spacers

Accessory system: top quality European chamber

Distance between frame and leaf: 11.5mm

Superimposition of leaf rebate on frame: 6mm

Height of glass rebate: 22mm

Space between the profiles: 5mm

Frame depth: 50mm

Leaf depth: 57mm/58mm

Tubularity of window profiles: 15mm

Tubularity of door profiles: 36.4mm

Glass fastening: with smooth or radial glazing beads

Space for glass or panel in fixed frames: from 5mm to 43mm

Space for glass or panel in leaves: from 5mm to 51mm

Surface protection

The profiles can be protected by means of anodic oxidation with thickness category >15 micron as per standard UNI 4522/00 (66-70), or by painting with thermosetting polyester in powder form and oven polymerised in accordance with the "Qualicoat" quality procedures and with standard UNI EN 12206-1

Resistance of the finish

The surface finish must not suffer any corrosion or alterations in appearance for a period of time appropriate to the life of the product. The characteristics required to ensure the behaviour in accordance with the type of environment are specified in standards UNI4522/00 for oxidation and UNI EN 12206-1 for painting, bearing in mind that the key factors influencing weather resistance are proximity to the sea, atmospheric pollution, maintenance and cleaning also from rain.

Safety

In order to prevent physical harm or injury to users, the doors and windows must be designed in accordance with the relevant safety legislation, Italian Leg. Decree 81/2008 and UNI 7697-07. See "Uso e Manutenzione" by Thermoposa ALSistem.

Characteristics of the glazing

The glazing must be selected in accordance with performance criteria to meet the requirements of energy saving, sound insulation, solar radiation control, safety. Relevant standards: UNI EN ISO 140-3:06, UNI6534:74, UNI EN 572-1:04, UNI EN 12758:04, UNI EN 12150-1:01, UNI 7143:72 DM 2 April 1998.

Gaskets

The gaskets must only be the originals designed for the system, guaranteeing its performance and complying with reference standards UNI 3952:98, UNI 12365:05.

Sealants

The sealants must comply with the provisions of reference standards UNI EN ISO 11600:04. These materials must not corrode the parts made of aluminium and its alloys with which they come into contact and must therefore be non-acetic or MSPolymer based.

Accessories

The accessories must be the original ones produced for the range and in accordance with the criteria indicated in UNI standards and with the safety legislation, Italian Leg. Decree 81/2008. Available ITT test report.

Performance

The Planet 50 Plus range meets the requirements of standards UNI EN 12207:00, UNI EN 12208:00, UNI EN 12210:00.

Mechanical resistance

The system and its accessories shall be resistant to the stress of use in accordance with the limits established in standard UNI 12365:05.

Sound insulation

The choice of the type of sound insulation for a door or window depends on the intended purpose of the location in which the frame is to be fitted and on the level of external noise; the behaviour of the door or window on site is influenced by factors that cannot be determined beforehand (height from the floor, orientation of noise sources, etc.). The sound insulation capacity can therefore be estimated to a large degree, based on window/door air permeability, with a minimum permeability value of 2, and on the sound insulation capacity of the glass. In accordance with the methodology described in reference standard UNI EN ISO 140-3:06.

Thermal insulation

The choice of the heat insulation properties must be made on the basis of the energy saving requirements in accordance with law 10/91 and L.D.192/05 and update L.D.311/06 and of the environmental wellbeing requirements or with reference to standard UNI EN ISO 10077-1:07. The window/door thermal transmittance can be calculated from the transmittance values of the profiles and of the surfaces in accordance with standard UNI EN ISO 10077-1:07 using the formula:

$$U_w = (A_g \cdot U_g + A_f \cdot U_f + I_g \cdot \psi) \div (A_g + A_f)$$

Certifications

It is possible to ask the manufacturer of the windows/doors, or alternatively the local licensee, for a photocopy of the test reports relating to specific properties.

CE Marking UNI EN 14351-1

CE marking is OBLIGATORY and is the system to which all manufacturers of doors and windows must comply in order to be able to sell their products in the European Union. The Manufacturer, or its representative, with its headquarters in the EEA [European Economic Area] is responsible for affixing the CE marking to its product, on a label applied to the product, on its packaging or on its accompanying commercial documents.

Standard UNI EN 14351-1 applies to windows, glass doors, external pedestrian doors, external doors on escape routes, roof windows/skylights (including those resistant to external fire), ribbon windows, coupled windows and double windows. These doors/windows can have one or more leaves, with moving leaves and fixed parts, opening inwards or outwards, operated manually or automatically, completely or partially glazed, with or without a frame to contain the glass, with or without built-in shielding devices.

Standard UNI EN 14351-1 does not apply to:

- windows, glass doors and pedestrian doors with fire-resistant and smoke-proof characteristics
- internal doors (EN 14351-2)
- external obscuring shutters (UNI EN 13659)
- revolving doors
- windows situated on escape routes

The standard relates to certain voluntary and/or obligatory requirements:

- Watertightness
- Release of hazardous substances
- Impact resistance
- Wind resistance
- Load-bearing capacity of safety devices
- Sound insulation
- Thermal insulation
- Glass radiance (light transmission)
- Air permeability

Factory Production Control (FPC)

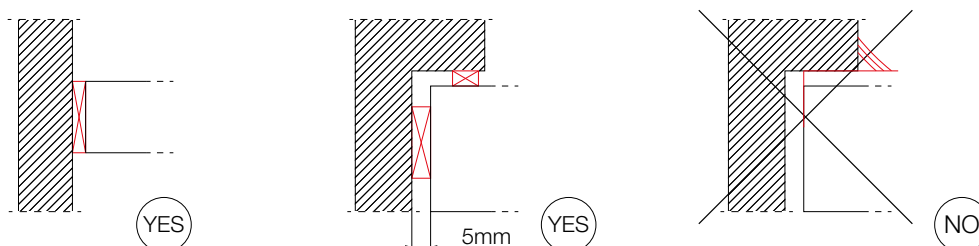
Factory production control is a system implemented by the manufacturer under its own responsibility, in order to ensure that the structural characteristics of the product are maintained over time within certain limits. The manufacturer must establish certain documented procedures, which indicate the methods that the personnel responsible for various controls must implement in order to monitor the process assigned to them frequently and accurately. The manufacturer is obliged to guarantee the traceability of the product by using codes or other methods. By means of a diagram, the manufacturer is also obliged to inform the purchaser of instructions relating to the use, handling, installation, maintenance and cleaning of the product. The installation characteristics, however, are not analysed. Refer to our Thermoposa manuals.

Laboratory Test (ITT)

The characteristics of the door/window are assessed on the finished product complete with its metal fittings, double glazing, panels and all the accessories and treatments that render it ready for use. Any manufacturer who requests it can obtain the results of the tests (ITT) on the doors/windows directly from Al sistem or from the local licensee, which grants the right to use the results of the certificates of the ITTs received from the Laboratory, by means of a cascading agreement between the parties. The manufacturer is responsible for the product's compliance with the European standards indicated in the draft standard and found in the national standards (UNI standards).

Installation

In order for the window to operate properly, it is very important to pay extremely close attention to the vertical positioning and levelling of the frame, and then to seal it using Thermoposa self-expanding tapes, following the advice in the example shown below, also checking that the openings are sufficiently filled (shimming the glass 1-2 mm out of square), so that, with the adjustment of the materials, there is no deterioration of operation over time.



Our company, that in the field of exterior doors has always been ahead in research and development in the high-efficiency thermo-acoustic solutions, adopts Thermoposa system to guarantee a correct redevelopment of the window hole.

The **Thermoposa** System includes 3 main interventions:

- Proper installation of the window
- Insulation of the box
- Cutting Marble, whether through

Maintenance of the aluminium surfaces

In view of the high amounts of pollution now reached in all countries, particularly in large cities and in coastal areas beaten by the sea wind, it is very important for aluminium surfaces that are in contact with the atmosphere to be cleaned regularly. Our intention is to raise the awareness of the manufacturers of doors and windows so that they can in turn advise THE CLIENT as well as possible.

It is good practice to take 3 fundamental points into consideration:

- 1- how often the cleaning operation must be carried out over the course of the year
- 2- the period
- 3- the product to be used

Here are the answers:

The number of cleaning operations depends on the level of pollution in the area in which the building is located, ranging from 1 to 3 times a year.

The period may be:

- at the end of winter
- in the middle of summer
- in the middle of autumn, depending on the number of cleaning operations

It is important that the product to be used for cleaning is neutral; using the wrong product could ruin the various different materials of which a door or window consists (gaskets, sealants, marble, etc) and cause damage that could compromise the efficiency and life of the product.

The characteristics of these products as well as the frequency of the cleaning to be adopted are defined in draft standards UNIMET12.04.270 and E12.04.277.0.

If no neutral product is available, it is preferable to use warm water with a nonabrasive cloth.

In order to install, maintain and clean the doors and windows correctly, we also suggest that you consult the instructions contained in the following Uncsaal technical notes: UX 42 guide to installing windows UX 10 cleaning of surfaces of doors/windows and continuous facades.

Refer to our Thermoposa manuals.

Painting phases

1. The painting cycle offer the possibility of obtaining an excellent protective coating on the surface of the frames and a greater brightness of colour;
2. The layer must have a min. thickness of 60 micron on the visible parts;
3. the material shall be subjected to the following process:
 - removal of grease/dirt without etching
 - washing
 - alkaline (or acid) pickling with etching
 - washing
 - deoxidising
 - washing
 - chromate treatment
 - washing in demineralised water
 - drying at 75°C
 - painting in thermosetting powder coating
 - oven polymerisation

All operations carried out on aluminium must comply with the provisions of the "Qualicoat" quality label.

Anodisation phases

1. The oxide layer may vary from 15 to 20 micron (UNI4522-66), according to the area in which the door/window is located;
2. it can be normal or electro-colour;
3. the material shall be subjected to the following process:
 - removal of grease/dirt without etching
 - washing
 - alkaline pickling with etching (except for shiny finishes)
 - washing
 - deoxidising
 - washing
 - oxidation in sulphuric acid bath at 18/20°C, density of corrosion 1.5[A]dmq
 - inorganic or organic colouring or electro-colour (except for silver)
 - double washing
 - drying
 - hot fixing boiling with nickel salts, fixing 2.5/3 minutes for every micron of thickness

Observation

During the preliminary phase the project manager or door/window fitter must determine the type of door/window to be used depending on the elements provided by the client. During the selection or inspection, the necessary moment of inertia must be considered depending on the wind pressure and the required profile chosen from the Planet range. Obviously, the appropriate accessories must be used from the original AL sistem accessories, provided for the Planet range.

Profile dimensions and weights

The dimensions and weights indicated on the drawings of the profiles in the catalogue are theoretical and can vary according to the extrusion dimensional tolerances (Standard UNI EN 12020-02) and to the type of finish. Painting also adds to the thickness, thus reducing the housings for inserting the gaskets and accessories. This variability could influence the dimensions of the cut and consequently those of the finished door/window. The differences in cut can increase also in proportion to the number of leaves per door/window. It is advisable, in initial works or in those with large quantities, to create a true sample to check that it works properly.

Cut dimensions

The theoretical dimensions of cut indicated in this catalogue must be altered according to the type and depending on the precision of the cutting machine being used, (e.g. for double-leaf doors opening outwards with panic exit bar, the space must be 8 mm rather than 5 mm etc.). During fabrication of 3/4 leaf windows the leaftrans cutting size must be 0.5cm shorter.

Advice for correct assembly

To obtain the best results when using Planet profiles, it is advisable to pay careful attention to all of the following points, designed to reinforce all of the weak points of a normal window, thus optimising the performance offered by the window.

Correct procedure	Objective
seal the profiles together in the join at 45°	prevents water seepage, prevents corrosion
seal the profiles on the jamb when they are faced	prevents water seepage, prevents corrosion
use the open joint gasket on the sill also in the double rebate solution	facilitates water drainage
use the vulcanised corner of the central rebate gasket	increases air permeability increases watertightness
use the vulcanised corner of the internal rebate gasket	increases air permeability and improve the finish of the casing
use limit curves to select the profile	avoids choosing the wrong profile
seal the window or door on the perimeter between profile and counter-frame with Thermoposa self-expanding tapes	prevents water seepage
always use the wall spacer and the screw for fixing	facilitates installation, ensures better frame positioning, insulates materials and minimises the transmission of vibrations
protect all the work carried out on the profiles	prevents corrosion increasing the life of the frame over time
for installations with emergency openings use oversized profiles	facilitates the application of accessories
use counterprofile during the 45° cut	guarantees a correct cut in order to obtain a perfect angle joint
use multi-purpose corner brackets	guarantees high-quality joints and solid in time

Accessory certification



The painted aluminium products are certified according to the technical specifications of:
QUALICOAT



The anodised aluminium products are certified according to the technical specifications of:
EURAS EWAA QUALANOD



The accessories for the Planet ranges are produced by ISO9001 and ISO14001 certified companies

Important

All the information provided in this catalogue is for guidance purposes only and in no way commits the company, which reserves the right to make improvements to its products whenever it deems this to be necessary. The company reserves the right of ownership of this catalogue and it is prohibited to reproduce or transfer it to third parties without written authorisation.

Planet 50 Plus certification

WARNING at the moment of the printing of the edition the system is pending A.W.W. certifications. Ask to technical service.

Determination of thermal transmittance of the sections of Planet 50 Plus system for windows

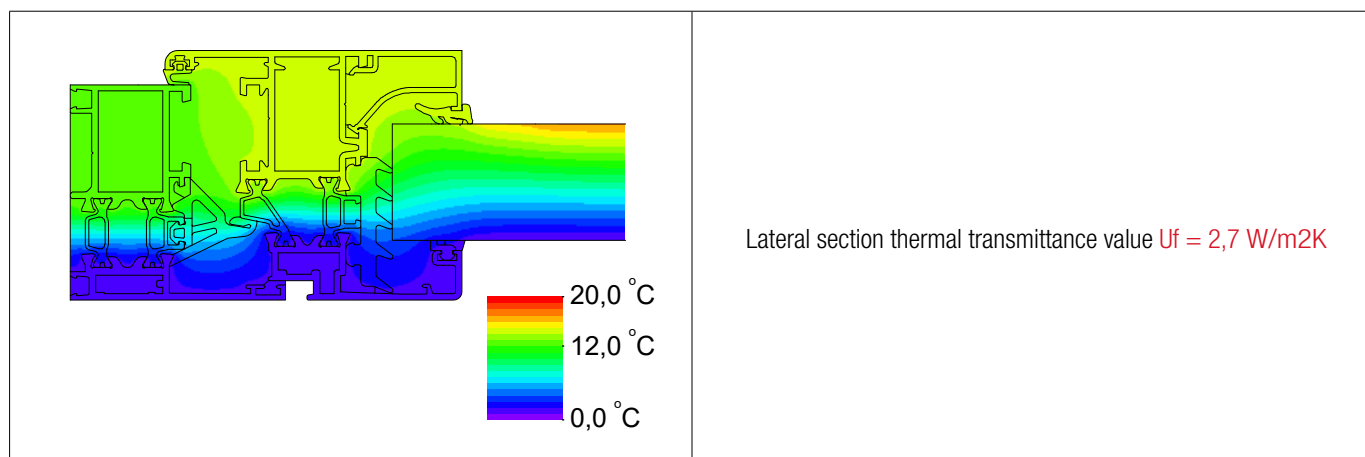
In to determine the thermal transmittance of the profile, the entire Planet 50 Plus range has been certified, by the notified laboratory IRcCOS, in according with product standard EN 14351-2006, following "Flixo pro 8.0" method.

WARNING at the moment of the printing of the edition the system is pending certification. Ask to technical service.

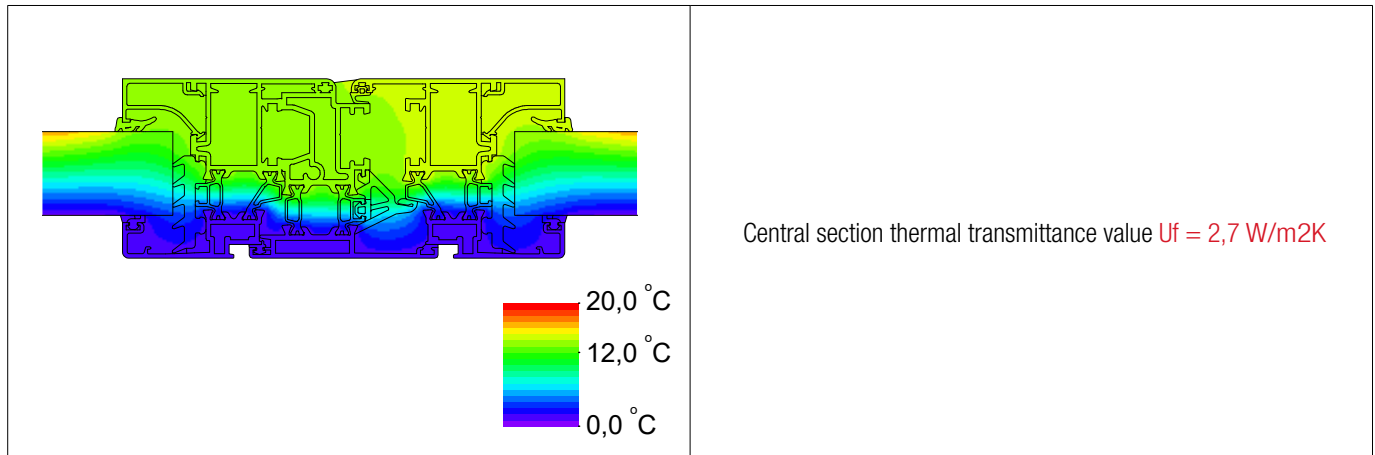
Methodology analysis used

The thermal transmittance has been calculated in according to UNI EN ISO 10077-2:2004. "Flixo pro 8.0" software was used for the calculations. **Ask to the technical service certified number.**

Trend of temperatures and heat flows in the lateral section TT 51803 + TT 51877



Trend of temperatures and heat flows in the central section TT 518177+ TT 51313 + TT51877

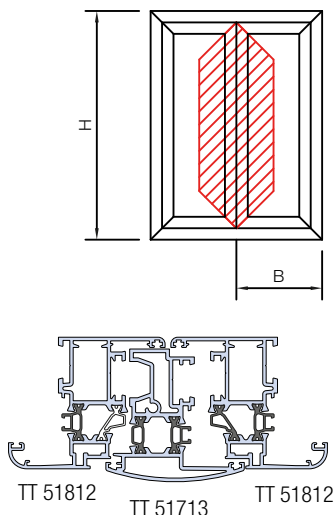


Planet 50 Plus range certifications

The Planet 50 Plus system has been subjected to the tests shown in the table for the different types of door and window.

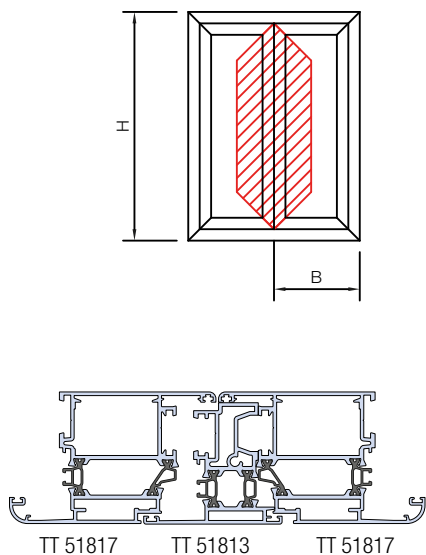
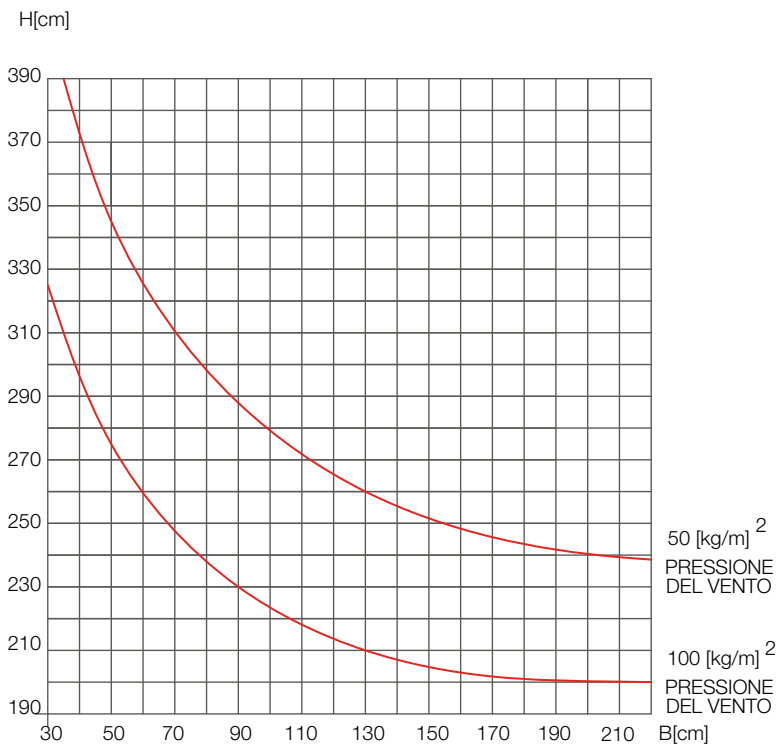
TEST	WINDOWS TYPE			
	2-leaf tilt & turn window	2-leaf tilt & turn french window	Pivot window	Parallel slide
Windows size	H=1.650mm L=1.350mm	H=2.400mm L=1.500mm	H=2.000mm L=2.000mm	H=2.400mm L=1.500mm
Certificated number	0970-CPD-RP0265	1994-CPD-RP0164	1994-CPD-RP0167	1994-CPD-RP0166
Air permability	classe 4	classe 4	classe 4	classe 4
Watertightness	classe 9A	classe E750	classe E900	classe E1500
Resistance to wind load	classe C5	classe B4	classe C4	classe B4

TEST	WINDOWS TYPE	SIZE	CERTIFICATE	GLAZING	RESULT
Sound test value	Finestra 2 ante ribalta	H=1-650mm L=1.350mm	4402-RP-07	10/15/44.1 da 44dB	dB=42dB
Sound test value	Finestra 2 ante ribalta	H=1-650mm L=1.350mm	4403-RP-07	66.2/16/44.2 da 50dB	dB=43dB



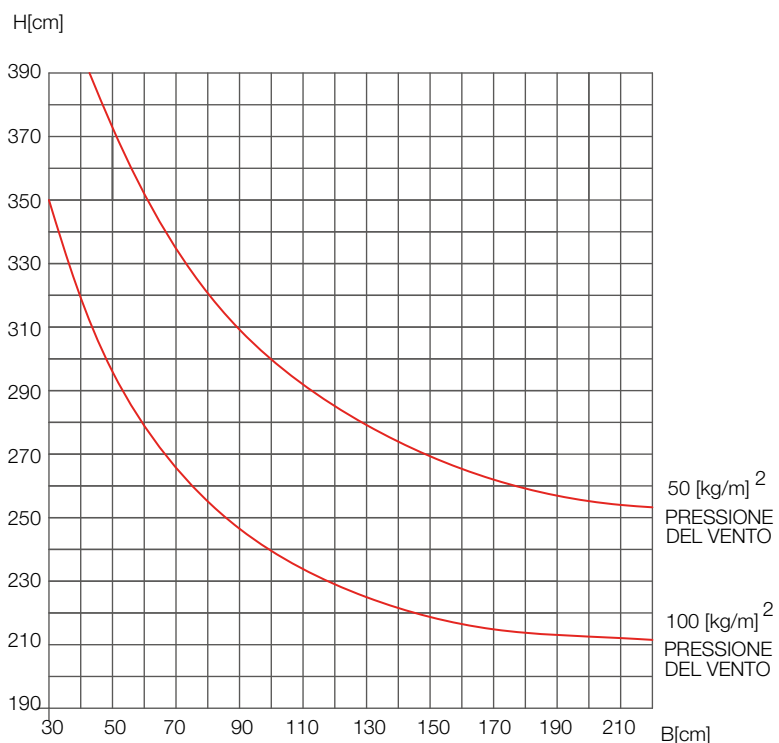
$J_t = 58,51 \text{ cm}^4$
freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO SIA COMPATIBILE COL VETRO IMPIEGATO

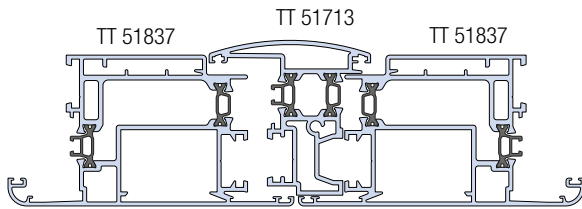
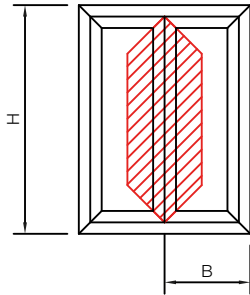


$J_t = 73,06 \text{ cm}^4$
freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO SIA COMPATIBILE COL VETRO IMPIEGATO



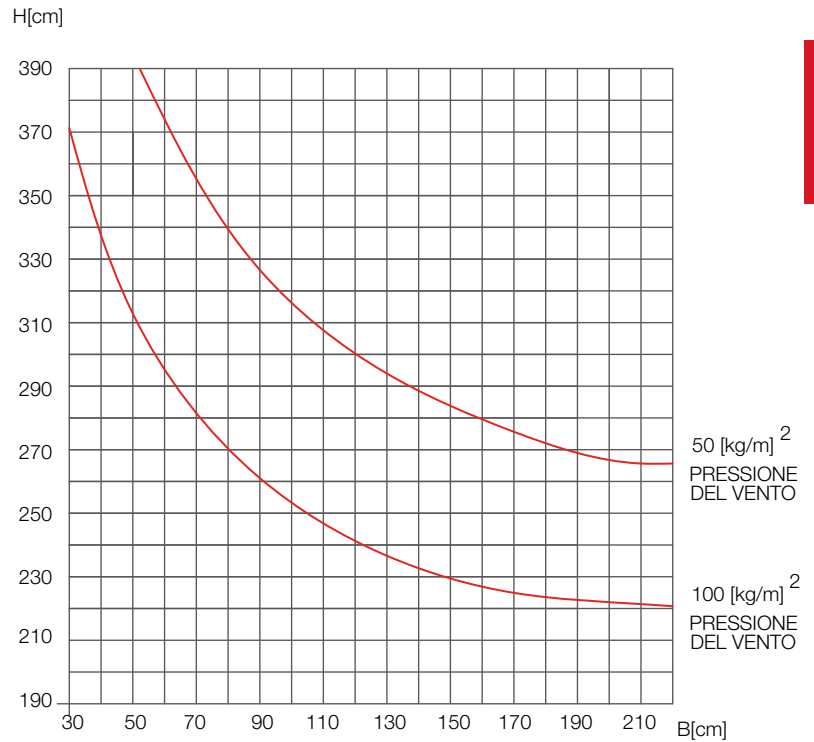
I DIAGRAMMI DI PORTATA SONO CALCOLATI SU BASE TEORICA IN FUNZIONE DELLE CARATTERISTICHE INERZIALI DEI PROFILI



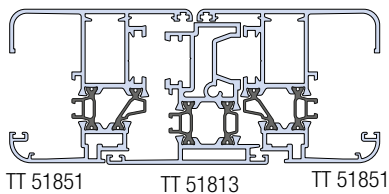
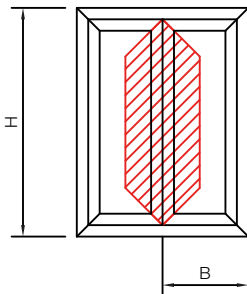
$J_t = 86,95 \text{ cm}^4$

freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO SIA
COMPATIBILE COL VETRO IMPIEGATO



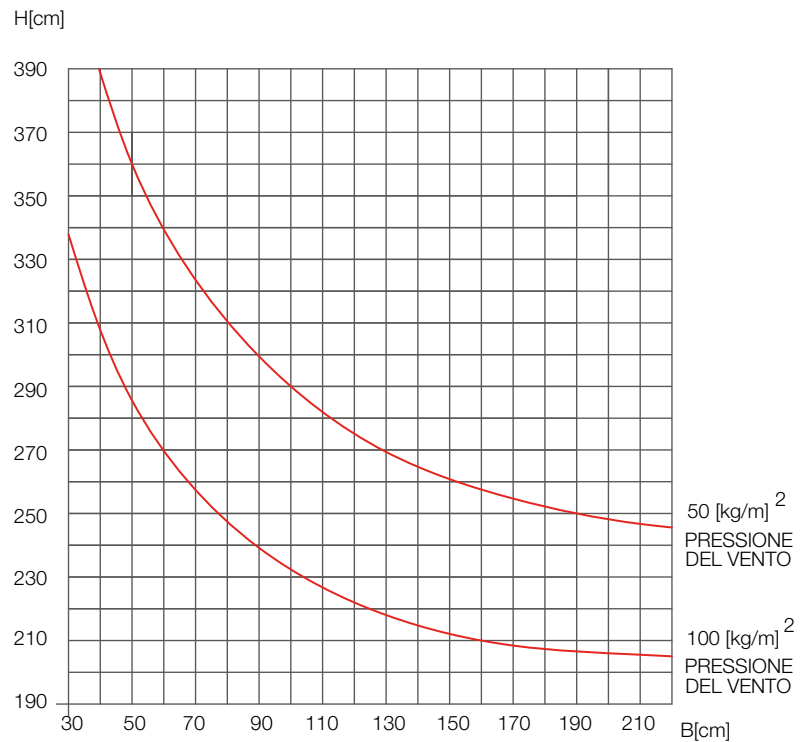
CURVE LIMITE DI
UTILIZZO
Limit curves



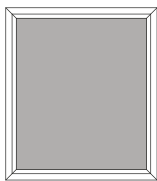
$J_t = 65,86 \text{ cm}^4$

freccia max 1/300

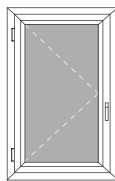
VERIFICARE CHE LA FRECCIA DEL PROFILO SIA
COMPATIBILE COL VETRO IMPIEGATO



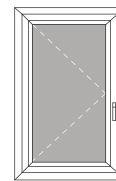
I DIAGRAMMI DI PORTATA SONO CALCOLATI SU BASE TEORICA IN
FUNZIONE DELLE CARATTERISTICHE INERZIALI DEI PROFILI



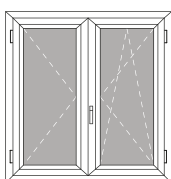
fisso
fixed



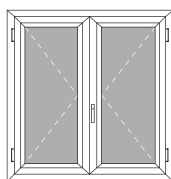
finestra 1 anta
apertura interna
1-leaf windows
inner opening



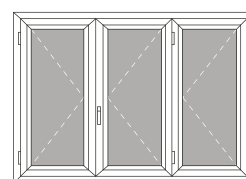
finestra 1 anta
apertura esterna
1-leaf windows
outer opening



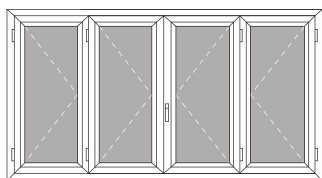
finestra 2 ante
ribalta
2-leaf, tilt and turn
windows



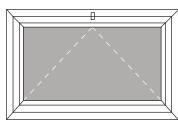
finestra 2 ante
2-leaf windows



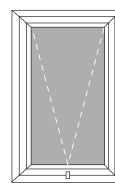
finestra 3 ante
3-leaf windows



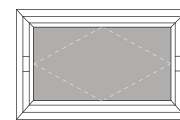
finestra 4 ante
4-leaf windows



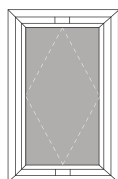
vasistas
awning / hopper window



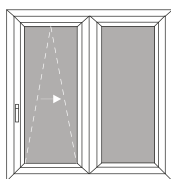
sporgere
stick out windows



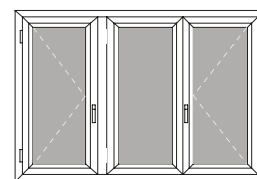
bilico orizzontale
horizontal pivot window



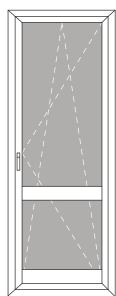
bilico verticale
vertical pivot window



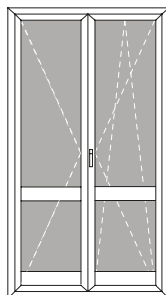
scorrevole
parallelo + fisso
tilt & slide + fix



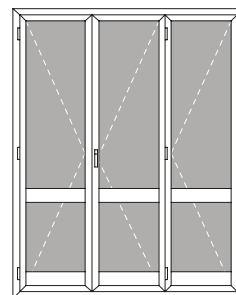
finestratura
a nastro
ribbon window



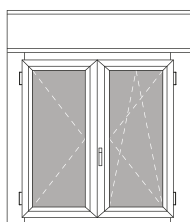
porta finestra
1 anta ribalta
balcony door
1-leaf tilt and turn



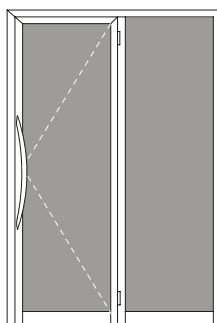
porta finestra
2 ante ribalta
balcony door
2-leaf tilt and turn



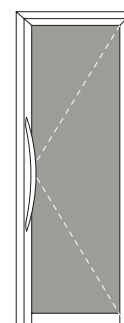
porta finestra
3 ante
balcony door
3-leaf french door



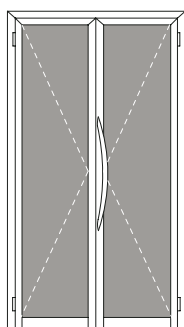
finestra monoblocco
monoblock windows



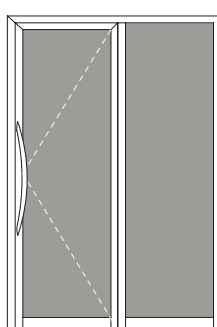
portoncino 1 anta
apertura interna + vetrina
1-leaf door inner
opening and glaze



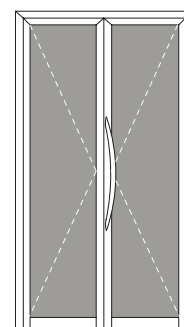
portoncino 1 anta
apertura interna
1-leaf door inner
opening



portoncino 2 ante
apertura interna
2-leaf door inner
opening



portoncino 1 anta
apertura esterna + vetrina
1-leaf door outer
opening and glaze



portoncino 2 ante
apertura esterna
2-leaf door outer
opening

LEGENDA BATTUTA-SPALLA

BEAT-ABUTMENT

Allo scopo di unificare la terminologia utilizzata nel catalogo:

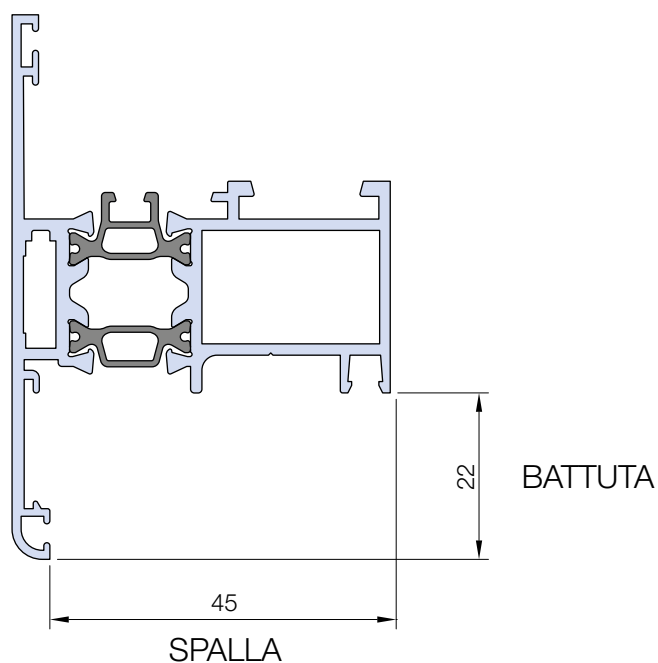
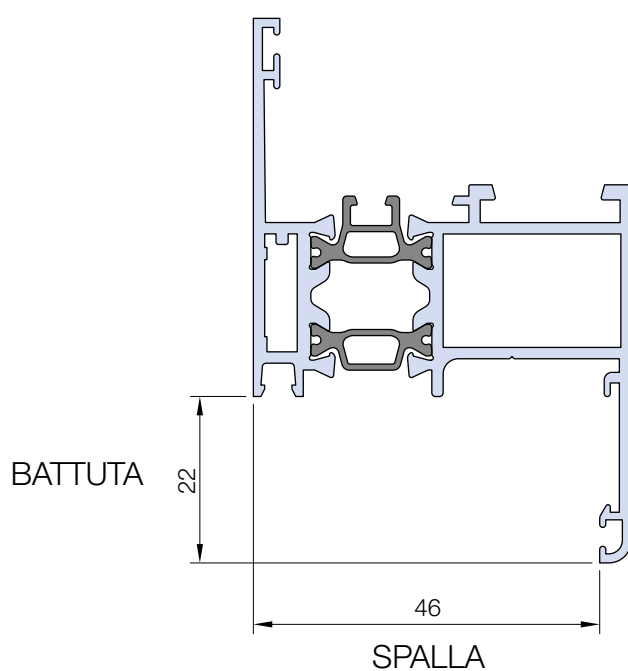
In order to unify the technical terminology conventionally measured to following terms:


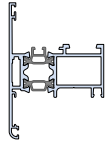

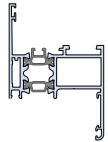

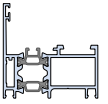
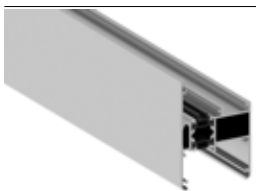
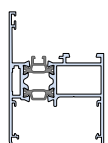
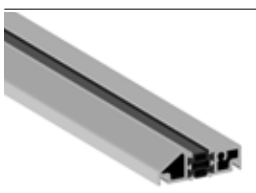

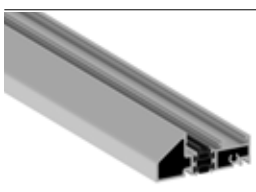
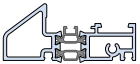
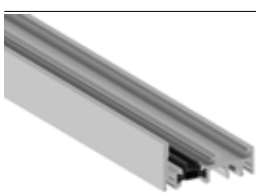

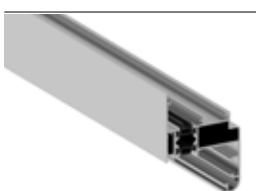
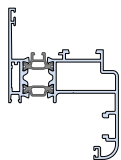

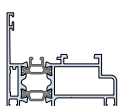
BATTUTA: la quota della lunghezza dell'aletta dei telai che copre il giunto con la muratura


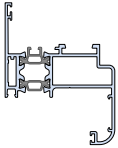

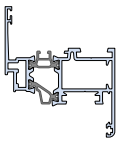

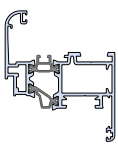

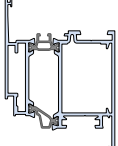
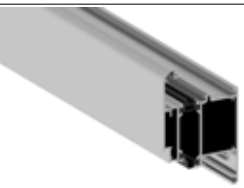
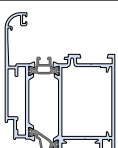

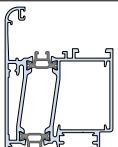

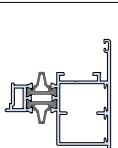
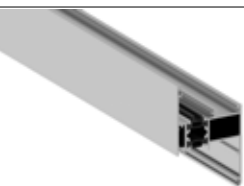
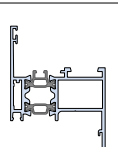
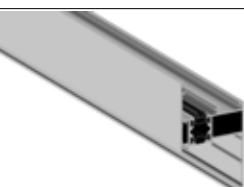
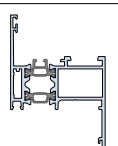
BEAT: the part of the fin length of frames that covers the joint with the masonry

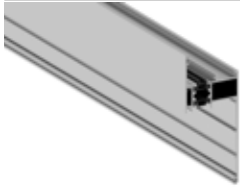
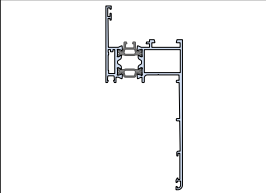

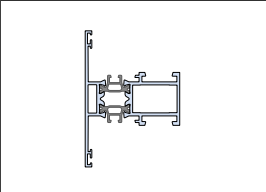
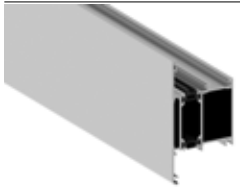
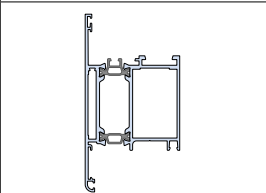
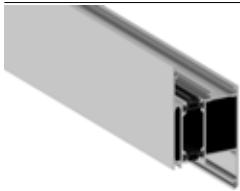
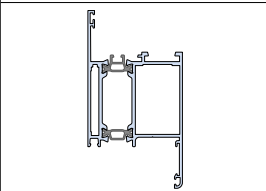
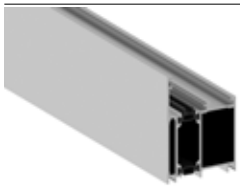
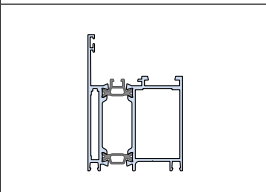
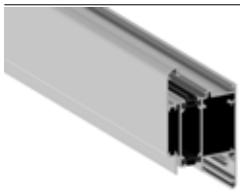
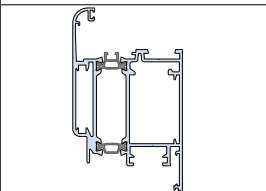
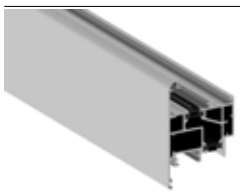
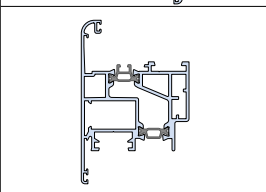
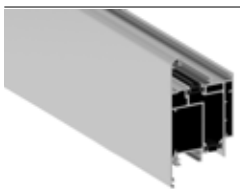
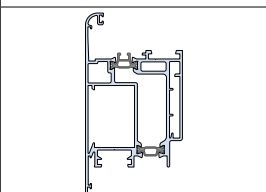
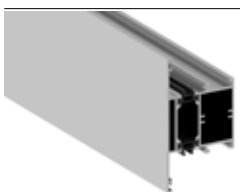
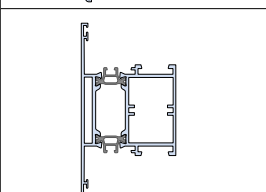
SPALLA: la quota della profondità tra la battuta e il filo esterno del profilato

ABUTMENT: the proportion of the depth between the stop and the external thread profile

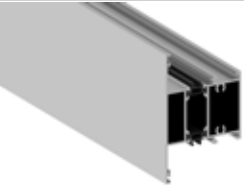
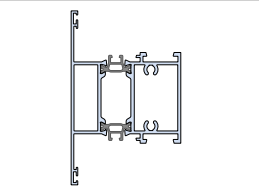
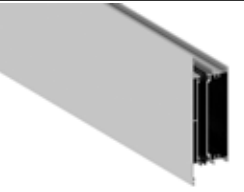
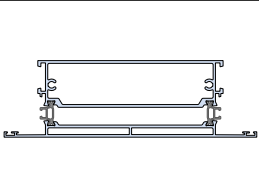
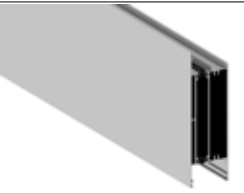
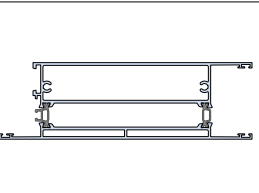
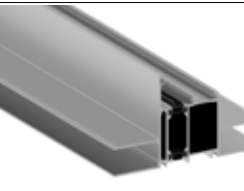
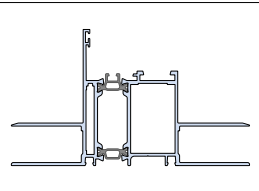

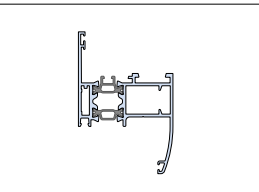
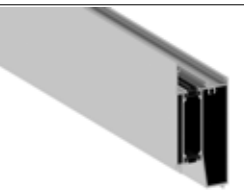
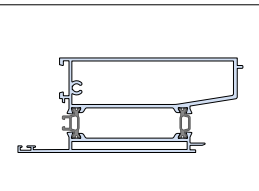
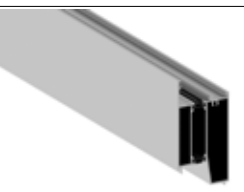
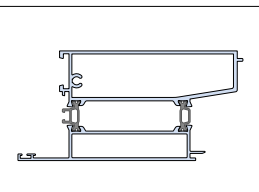

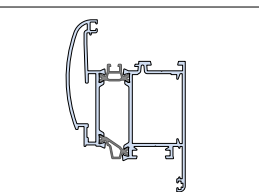
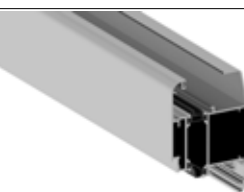
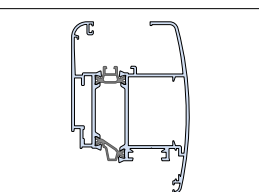


	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 51801	Telaio fisso a T battuta 22mm, spalla 45mm <i>Fixed T frame beat 22mm, abutment 45mm</i>	1201	12,67 8,31
		TT 51802	Telaio fisso a Z battuta 22mm, spalla 46mm <i>Fixed Z frame beat 22mm, abutment 46mm</i>	1192	14,43 8,12
		TT 51803	Telaio fisso a L, abbinare con TT 51802 <i>Fixed L frame, to be combined with TT 51802</i>	1085	11,26 5,05
		TT 51804	Telaio fisso trasverso inferiore finestra <i>Fixed frame window lower transom</i>	1305	16,23 10,93
		TT 51805	Soglia ribassata 18mm per portoni con anta a girare <i>Low threshold 18mm for hinged door</i>	851	6,97 0,80
		TT 51806	Soglia ribassata da 30mm <i>30mm low threshold</i>	1238	19,65 2,70
		TT 51807	Soglia ribassata da 25mm <i>25mm low threshold</i>	717	7,80 0,77
		TT 51808	Telaio fisso a Z complanare battuta 30mm, spalla 45mm <i>Coplanar fixed Z frame beat 30mm, abutment 45mm</i>	1404	23,06 14,78
		TT 51809	Telaio fisso a L complanare, abbinare con TT 51808 <i>Coplanar fixed L frame, to be combined with TT 51808</i>	1149	15,04 5,19


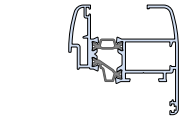
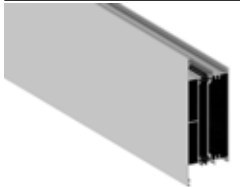
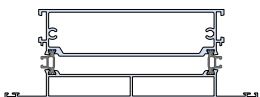
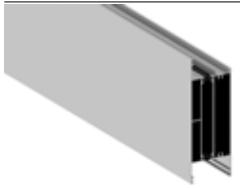
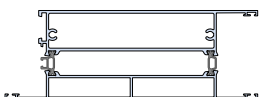
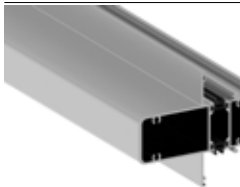
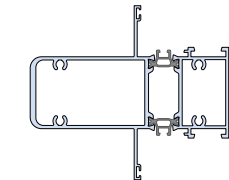

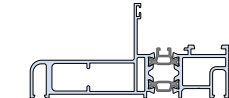

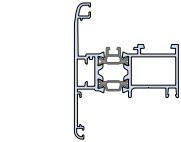

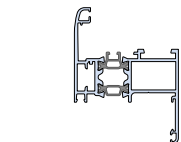

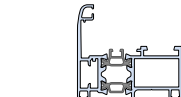

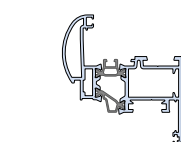
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 51810	Telaio fisso a Z complanare battuta 25mm, spalla 45mm <i>Coplanar fixed Z frame beat 25mm, abutment 45mm</i>	1312	20,85 11,42
		TT 51811	Anta liscia <i>Smooth leaf</i>	1323	19,58 8,50
		TT 51812	Anta raggiata <i>Rounded leaf</i>	1374	19,95 10,12
		TT 51816	Anta liscia maggiorata <i>Oversized smooth leaf</i>	1770	26,78 27,90
		TT 51817	Anta raggiata maggiorata <i>Oversized rounded leaf</i>	1814	27,14 30,76
		TT 51819	Anta raggiata bilico <i>Pivot rounded leaf</i>	1934	25,95 36,33
		TT 5120	Inversione di battuta bilico <i>Pivot rebate reversal</i>	1185	15,02 8,34
		TT 51821	Telaio fisso a Z battuta 30mm, spalla 46mm <i>Fixed Z frame beat 30mm, abutment 46mm</i>	1232	15,44 10,52
		TT 51822	Telaio fisso a Z battuta 40mm, spalla 46mm <i>Fixed Z frame beat 40mm, abutment 46mm</i>	1284	16,65 14,71

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 51824	Telaio fisso a Z battuta 70mm, spalla 46mm <i>Fixed Z frame beat 70mm, abutment 46mm</i>	1447	20,13 37,90
		TT 51828	Traverso da 72mm per fissi e ante raggiate - fissaggio cavalotto <i>72mm transom for fixed doors/windows and rounded leaves - fix clamp</i>	1204	12,89 8,22
		TT 51831	Telaio fisso a T maggiorato battuta 22mm, spalla 45mm <i>Oversized fixed T frame beat 22mm, abutment 45mm</i>	1595	17,51 25,86
		TT 51832	Telaio fisso a Z maggiorato battuta 22mm, spalla 46mm <i>Oversized fixed Z frame beat 22mm, abutment 46mm</i>	1586	19,30 25,41
		TT 51833	Telaio fisso a L maggiorato, abbinare con TT 51832 <i>Oversized fixed L frame, to be combined with TT 51832</i>	1478	16,08 19,35
		TT 51835	Anta raggiata maggiorata doppia battuta <i>Oversized leaf double rebate version</i>	2116	32,10 44,82
		TT 51836	Anta per sporgere <i>Leaf for top-hinged open out</i>	1956	26,89 23,42
		TT 51837	Anta raggiata maggiorata apertura esterna doppia battuta <i>Oversized outward opening leaf double rebate version</i>	2342	34,17 57,13
		TT 51838	Traverso da 92mm per fissi ed ante raggiate - fissaggio cavalotto <i>92mm transom for fixed doors/windows and rounded leaves - fix clamp</i>	1616	18,09 23,71


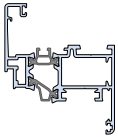
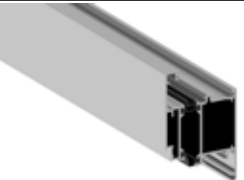
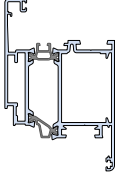

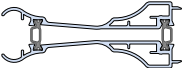
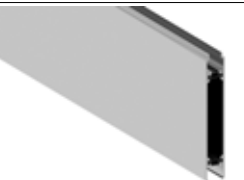


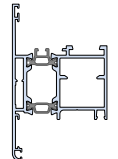
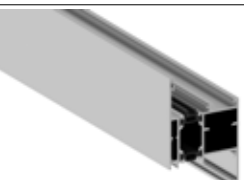
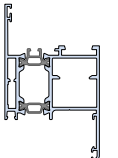
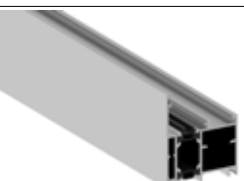
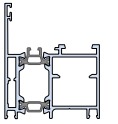
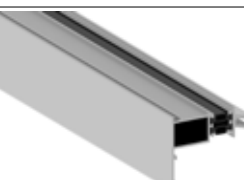
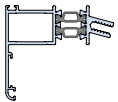

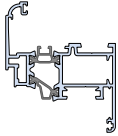
*si consiglia di utilizzare controsagoma durante il taglio a 45° / *it is advisable to use a counterprofile when cutting at 45°*

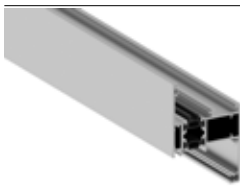
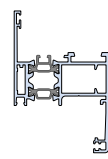

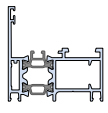
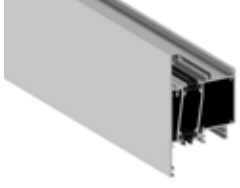
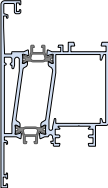

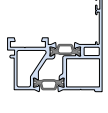
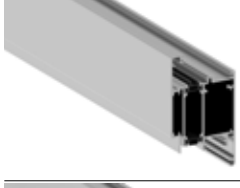
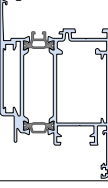

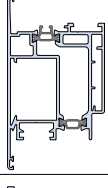

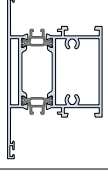



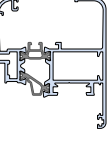
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 51839	Traverso da 92mm per ante lisce da 58mm fissaggio a vite <i>92mm transom for 58mm smooth leaves screw fixing</i>	1755	24,41 24,67
		TT 51840	Fascia da 165mm per fissi ed ante raggiate fissaggio a vite <i>165mm central crossbeam for fixed doors/windows and rounded leaves screw fixing</i>	3175	37,14 222,76
		TT 51841	Zoccolo da 165mm per fissi ed ante raggiate fissaggio a vite <i>165mm central crossbeam for fixed doors/windows and rounded leaves screw fixing</i>	3175	40,18 231,29
		TT 51845	Telaio L maggiorato con cava per imbotte <i>Oversized L frame with slots for frame extensions</i>	2179	66,14 27,38
		TT 51846	Telaio yard a Z battuta 25mm, spalla 42mm <i>Z yard frame, beat 25mm abtument 42mm</i>	1204	14,33 8,94
		TT 51847	Zoccolo riportato per fissi ed ante raggiate fissaggio a vite <i>Fitted base for fixed doors/windows and rounded leaves screw fixing</i>	2200	25,60 78,90
		TT 51848	Zoccolo riportato per ante lisce da 58mm fissaggio a vite <i>Fitted base for 58mm smooth leaves screw fixing</i>	2263	32,15 79,87
		TT 51850 *	Anta bombata maggiorata <i>Oversized convex leaf</i>	2067	30,50 34,43
		TT 51856 *	Anta bombata maggiorata vetro ad infilare <i>Oversized convex leaf glass insert</i>	1937	33,65 38,21

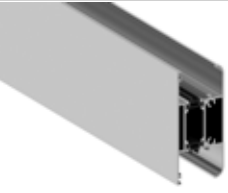
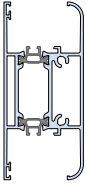

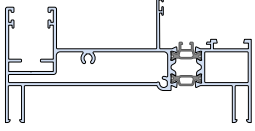

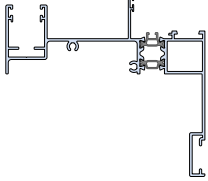
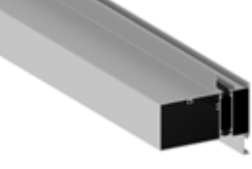
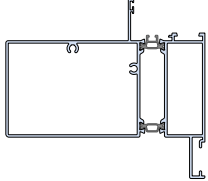


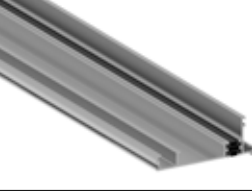


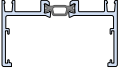

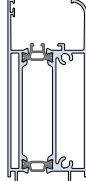
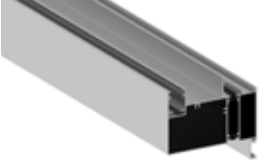
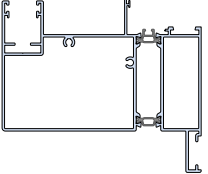
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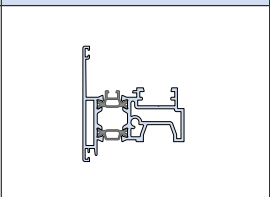

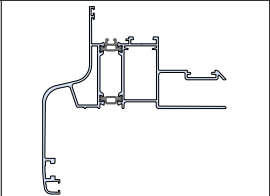

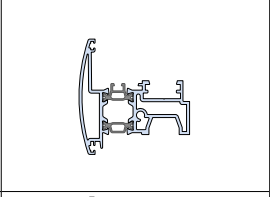

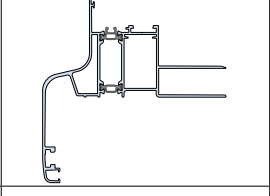
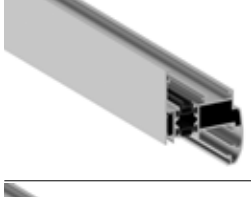
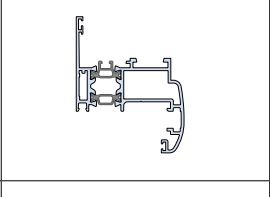

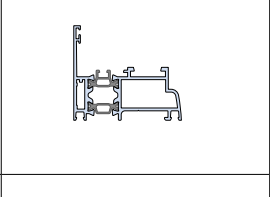

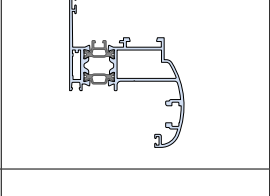
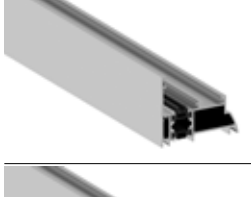
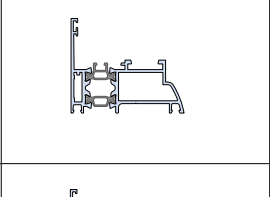

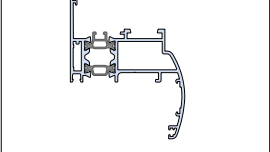
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 51857 *	Anta Yard vetro ad infilare, spazio vetro 30mm <i>Yard leaf glass insert, 30mm glass space</i>	1313	19,15 8,23
		TT 51858	Fascia da 165mm per ante lisce da 58mm <i>165mm central crossbeam for 58mm smooth leaves</i>	2263	46,72 223,28
		TT 51859	Zoccolo da 165mm per ante lisce da 58mm <i>165mm central crossbeam for 58mm smooth leaves</i>	3268	50,30 231,81
		TT 51868	Pilastro per finestre <i>Column for glazing</i>	2424	96,53 31,65
		TT 51869	Mezzo pilastro per finestre <i>Half column for glazing</i>	1829	66,00 6,91
		TT 51871	Telaio a T da 55m battuta 22mm, spalla 50mm <i>T frame (section 55mm) beat 22mm, abutment 50mm</i>	1320	15,98 9,50
		TT 51872	Telaio a Z da 55m battuta 22mm, spalla 51mm <i>Z frame (section 55mm) beat 22mm, abutment 51mm</i>	1312	17,96 9,36
		TT 51873	Telaio a L da 55mm, abbinare con TT 51872 <i>L frame (section 55mm), to be combined with TT 51872</i>	1204	14,23 6,13
		TT 51875 *	Anta bombata <i>Convex leaf</i>	1462	37,01 13,48

*si consiglia di utilizzare controsagoma durante il taglio a 45° / it is advisable to use a counterprofile when cutting at 45°

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 51877	Anta retta <i>Flat leaf</i>	1378	20,32 10,71
		TT 51878	Anta retta maggiorata <i>Oversized flat leaf</i>	1823	27,49 31,78
		TT 51879	Profilo cornice abbinamento doga TT 51880 <i>Frame to be combined with TT 51880</i>	1653	4,70 49,71
		TT 51880	Doga 120mm, spessore 20mm <i>120mm stave, 20mm thick</i>	1464	6,14 14,36
		TT 51881	Telaio fisso a T medio battuta 22mm, spalla 45mm <i>Medium fixed T frame beat 22mm, abutment 45mm</i>	1421	15,52 15,31
		TT 51882	Telaio fisso a Z medio battuta 22mm, spalla 46mm <i>Medium fixed Z frame beat 22mm, abutment 46mm</i>	1419	17,27 15,12
		TT 51883	Telaio fisso a L medio, abbinare con TT 51882 <i>Medium fixed L frame to be combined with TT 51882</i>	1312	14,15 10,64
		TT 51886	Controtelaio telescopico per finestre <i>Glazing counter-frame</i>	954	12,08 4,49
		TT 51891	Anta modanata <i>Molded leaf</i>	1341	27,64 10,85



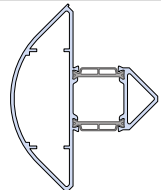
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 51892	Telaio Yard retto a Z battuta 25mm. spalla 42mm <i>Flat Z Yard frame beat 25mm, abutment 42mm</i>	1260	15,81 10,80
		TT 51893	Telaio Yard retto a L abbinare a TT 51892 <i>Flat L Yard frame to be combined with TT 51892</i>	1096	11,59 5,11
		TT 51896	Anta retta bilico <i>Pivot leaf</i>	1961	26,47 37,41
		TT 51823	Inversione di battuta <i>Rebate reversal</i>	1166	10,90 5,90
		TT 51735	Anta retta maggiorata apertura interna doppia battuta <i>Oversized inner opening flat leaf double rebate version</i>	2145	32,88 46,18
		TT 51737	Anta retta maggiorata apertura esterna doppia battuta <i>Oversized outward opening flat leaf double rebate version</i>	2371	35,17 58,57
		TT 51738	Traverso da 92mm per fissi ante raggiate - fissaggio viti <i>92mm transom for fixed doors/windows rounded leaves - fix screws</i>	1681	18,52 24,44
		TT 51141	Profilo porta spazzolino sottozoccolo <i>Brush holder profile</i>	583	-
		TT 51851	Anta vetro infilare spazio vetro 30mm <i>Leaf base for beadless glass gap 30mm</i>	1461	23,54 14,22

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 51853	Traverso vetro infilare spazio vetro 30mm fissaggio a vite <i>Transom base for beadless glass gap 30mm screw fixing</i>	1852	16,52 36,57
		TT 51861	Spalla monoblocco per giunto di dilatazione <i>Single-unit shoulder for expansion joint</i>	2555	185,73 17,83
		TT 51863	Spalla aperta monoblocco <i>Single-unit open shoulder</i>	2377	177,61 59,15
		TT 51764	Spalla chiusa monoblocco senza guida tapparella <i>Single-unit closed shoulder without roller shutter guide</i>	2853	181,44 88,67
		TT 51865	Telaio fisso a L traverso monoblocco <i>Fixed L frame crosspiece single-unit</i>	1179	12,22 5,32
		TT 51766	Celino monoblocco / tappo chiudi spalla / supporto per staffa / supporto per cassonetto <i>Single-unit celino / abutment plug / bracket support / box support</i>	1185	48,29 3,08
		TT 51181	Profilo di compenso telescopico <i>Telescopic reward profile</i>	837	-
		TT 51748	Zoccolo riportato vetro infilare spazio vetro 30mm fissaggio a vite <i>Fitted base for beadless glass gap 30mm screw fixing</i>	2073	17,41 59,19
		TT 51864	Spalla chiusa monoblocco <i>Single-unit closed shoulder</i>	3236	235,29 106,12


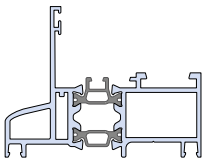

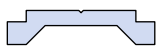
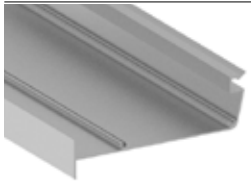
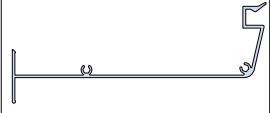


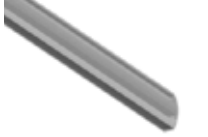
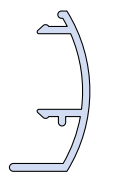
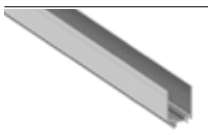
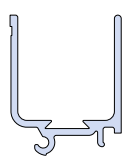

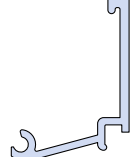
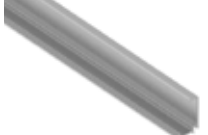
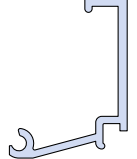

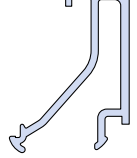
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 51813	Riporto centrale liscio <i>Pivot rebate reversal</i>	1385	18,00 7,80
		TT 51825 *	Telaio capannoni con coprivite <i>Industrial shed frame with screw cover</i>	2786	141,72 86,19
		TT 51713	Riporto centrale raggiato <i>Astragal seal</i>	1518	18,61 9,39
		TT 51725 *	Telaio capannoni senza coprivite <i>Industrial shed frame without screw cover</i>	2710	128,59 85,46
		TT 52802	Telaio fisso a Z complanare battuta 22mm, spalla 45mm <i>Coplanar fixed Z frame beat 22mm, abutment 45mm</i>	1323	19,81 10,41
		TT 52803	Telaio fisso a L complanare abbinare a TT 52802 <i>Coplanar fixed L frame to be combined with TT 52802</i>	1141	14,25 5,25
		TT 52822	Telaio fisso a Z complanare battuta 30mm, spalla 45mm <i>Coplanar fixed Z frame beat 30mm, abutment 45mm</i>	1394	23,46 14,65
		TT 52823	Telaio fisso a L complanare abbinare a TT 52822 <i>Coplanar fixed L frame to be combined with TT 52822</i>	1140	14,76 5,25
		TT 52824	Telaio fisso a Z complanare battuta 30mm, spalla 52mm <i>Coplanar fixed Z frame beat 30mm, abutment 52mm</i>	1321	21,92 11,42

*si consiglia di utilizzare controsagoma durante il taglio a 45°/ *it is advisable to use a counterprofile when cutting at 45°*

ELENCO PROFILI
List of profiles


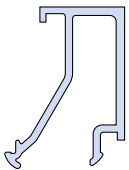

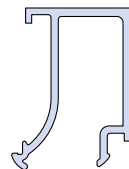

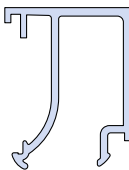

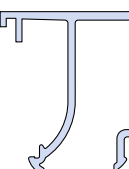

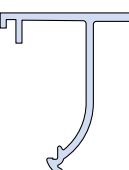
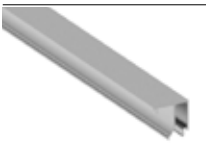
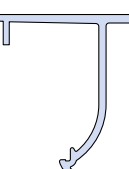
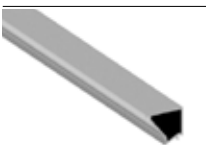
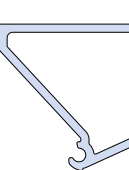
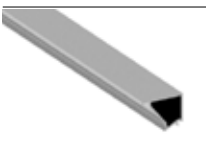
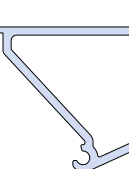
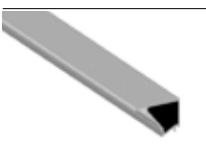
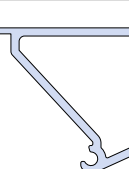
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 52722	Telaio fisso a Z complanare per ristrutturazione battuta 30mm, spalla 41mm <i>Coplanar fixed Z frame beat 30mm, abutment 41mm</i>	1427	23,57 14,71
		TT 52851	Anta vetro infilare bombata spazio vetro 30mm <i>Convex leaf base for beadless glass gap 30mm</i>	1479	25,89 14,42
		TT 52852	Fascia vetro infilare 165mm spazio vetro 30mm fissaggio a vite <i>165mm glass insert central crossbeam glass space 30mm</i>	3353	32,48 263,62
		TT 52890	Telaio fisso a Z per ristrutturazione battuta 22mm, spalla 42mm <i>Fixed Z frame beat 22mm, abutment 42mm</i>	1227	14,38 8,15
		TT 52891	Telaio fisso a L per ristrutturazione abbinare a TT 52890 <i>Fixed L frame to be combined with TT 52890</i>	1119	11,17 5,06
		TT 52893	Telaio fisso a L complanare per ristrutturazione abbinare a TT 52722 <i>Coplanar fixed L frame to be combined with TT 52722</i>	1175	14,71 5,26
		TT 52809	Telaio fisso a L complanare per ristrutturazione abbinare a TT 52810 <i>Coplanar fixed L frame to be combined with TT 52810</i>	1184	14,99 5,20
		TT 52810	Telaio fisso a Z complanare per ristrutturazione battuta 25mm, spalla 41mm <i>Coplanar fixed Z frame beat 25mm, abutment 41mm</i>	1350	20,85 11,40
		TT 61899	Pilastro d'angolo a 90° <i>90° angle column</i>	2076	39,59 48,47

*si consiglia di utilizzare controsagoma durante il taglio a 45° / it is advisable to use a counterprofile when cutting at 45°

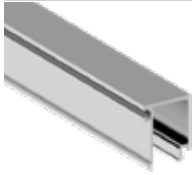
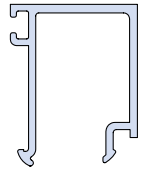
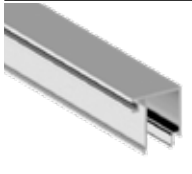
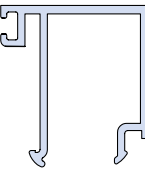
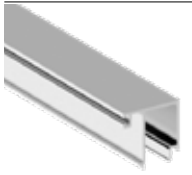
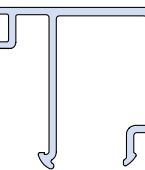

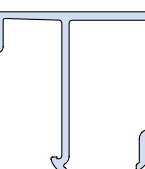
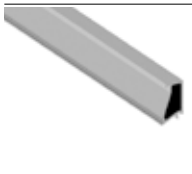
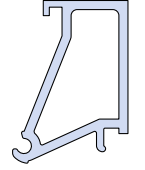
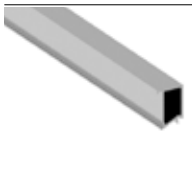
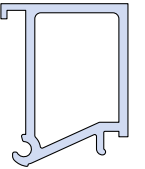
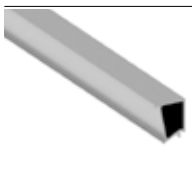
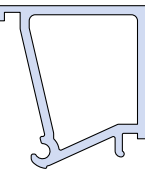
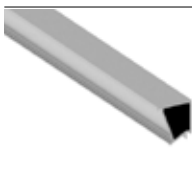
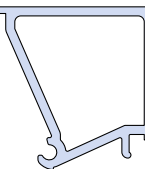

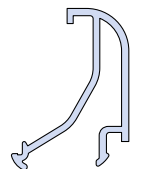
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 66829	Telaio per abbinamento Slide 65 <i>Frame for combining with Slide 65</i>	1265	16,61 5,49
		AS 1000	Astina <i>Small rod</i>	119	-
		AS 4864	Cassonetto inf. e sup. <i>Lower and upper box</i>	1218	-
		AS 4865	Cassonetto frontale <i>Front box</i>	1110	-
		AS 48167 *	Profilo copricava bombato per monoblocco <i>Convex cable cover profile for single unit</i>	160	-
		PL 1325 *	Fermavetro Easysun da 24,5mm <i>24,5mm Easysun glazing bead</i>	348	-
		PL 1404 *	Fermavetro retto da 3,5mm <i>3,5mm smooth glazing bead</i>	190	-
		PL 1407	Fermavetro retto da 7mm <i>7mm smooth glazing bead</i>	206	-
		PL 1411	Fermavetro retto da 10,5mm <i>10,5mm smooth glazing bead</i>	252	-

*utilizzare ACP 5027 / use ACP 5027

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List of profiles


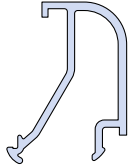

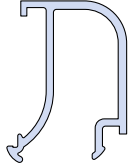

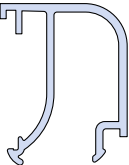

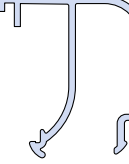
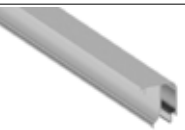
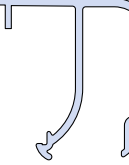

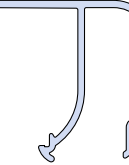
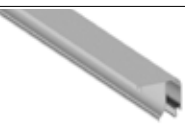
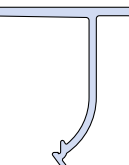

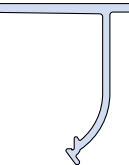

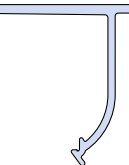
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		PL 1414	Fermavetro retto da 14mm <i>14mm smooth glazing bead</i>	257	-
		PL 1418	Fermavetro retto da 17mm <i>17mm smooth glazing bead</i>	268	-
		PL 1421	Fermavetro retto da 21mm <i>21mm smooth glazing bead</i>	290	-
		PL 1425	Fermavetro retto da 24,5mm <i>24,5mm smooth glazing bead</i>	304	-
		PL 1428	Fermavetro retto da 27,5mm <i>27,5mm smooth glazing bead</i>	312	-
		PL 1432	Fermavetro retto da 31,5mm <i>31,5mm smooth glazing bead</i>	331	-
		PL 1435	Fermavetro retto di sicurezza da 35mm <i>35mm tubular smooth glazing bead</i>	434	-
		PL 1439	Fermavetro retto di sicurezza da 38,5mm <i>38,5mm tubular smooth glazing bead</i>	445	-
		PL 1442	Fermavetro retto di sicurezza da 41,5mm <i>41,5mm tubular smooth glazing bead</i>	454	-

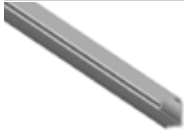
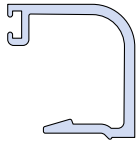

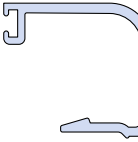

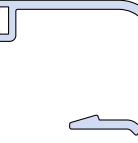
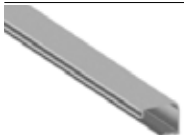
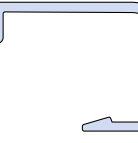

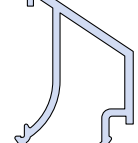

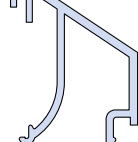

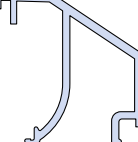

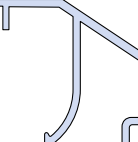

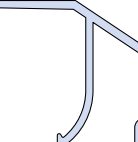
*utilizzare ACP 5027 / use ACP 5027


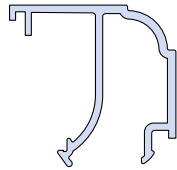

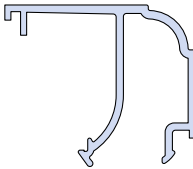

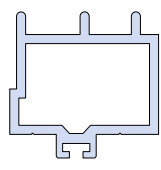
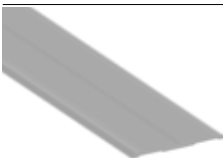
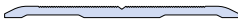

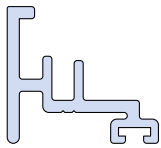

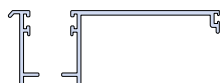

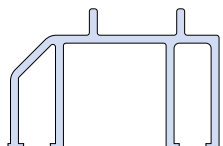



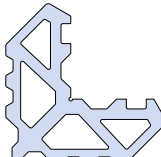
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		PL 14121	Fermavetro retto con portaguarnizione da 21mm <i>Flat glazing bead for 21mm fixed</i>	280	-
		PL 14125	Fermavetro retto con portaguarnizione da 25mm <i>Flat glazing bead for 25mm fixed</i>	313	-
		PL 14128	Fermavetro retto con portaguarnizione da 27,5mm <i>Flat glazing bead for 27,5mm fixed</i>	323	-
		PL 14132	Fermavetro retto con portaguarnizione da 32mm <i>Flat glazing bead for 32mm fixed</i>	338	-
		PL 14214	Fermavetro retto di sicurezza da 14mm <i>14mm tubular smooth glazing bead</i>	329	-
		*			
		PL 14221	Fermavetro retto di sicurezza da 21mm <i>21mm tubular smooth glazing bead</i>	353	-
		*			
		PL 14225	Fermavetro retto di sicurezza da 24,5mm <i>24,5mm tubular smooth glazing bead</i>	370	-
		*			
		PL 14228	Fermavetro retto di sicurezza da 27,5mm <i>27,5mm tubular smooth glazing bead</i>	389	-
		*			
		PL 1511	Fermavetro arrotondato da 10mm <i>10mm rounded glazing bead</i>	238	-

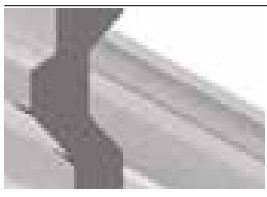
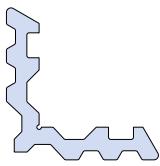
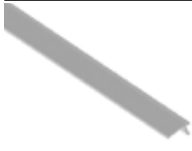
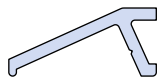
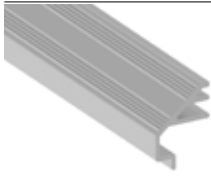
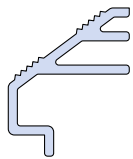
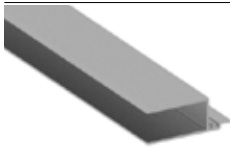
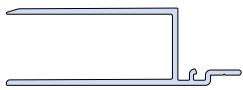
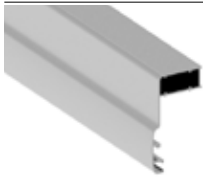
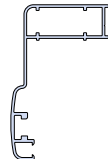
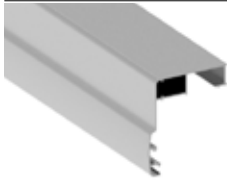
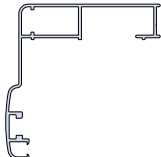
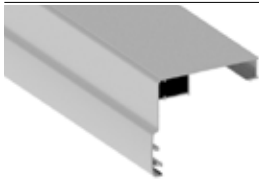
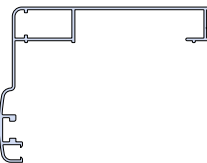
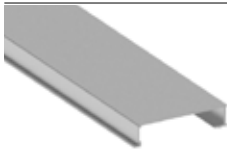

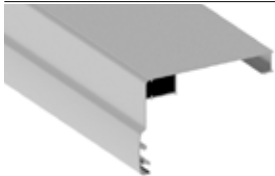
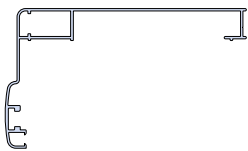
*utilizzare ACP 5027 / use ACP 5027

ELENCO PROFILI
List of profiles



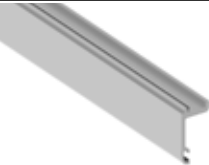
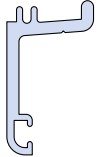
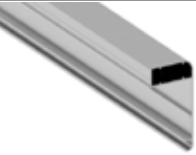
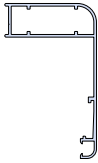
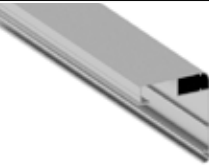
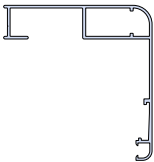
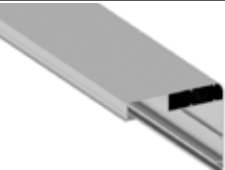
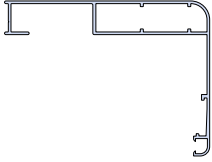
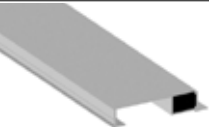

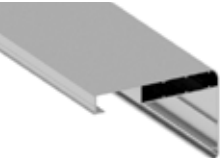
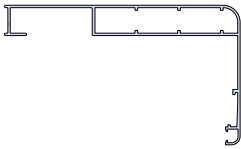
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		PL 1514	Fermavetro arrotondato da 14mm <i>14mm rounded glazing bead</i>	247	-
		PL 1518	Fermavetro arrotondato da 17,5mm <i>17,5mm rounded glazing bead</i>	257	-
		PL 1521	Fermavetro arrotondato da 21mm <i>21mm rounded glazing bead</i>	279	-
		PL 1525	Fermavetro arrotondato da 24,5mm <i>24,5mm rounded glazing bead</i>	290	-
		PL 1528	Fermavetro arrotondato da 27,5mm <i>27,5mm rounded glazing bead</i>	301	-
		PL 1532	Fermavetro arrotondato da 31,7mm <i>31,7mm rounded glazing bead</i>	317	-
		PL 1535	Fermavetro arrotondato da 35mm <i>35mm rounded glazing bead</i>	337	-
		PL 1539	Fermavetro arrotondato da 38,5mm <i>38,5mm rounded glazing bead</i>	352	-
		PL 1542	Fermavetro arrotondato da 41,5mm <i>41,5mm rounded glazing bead</i>	365	-

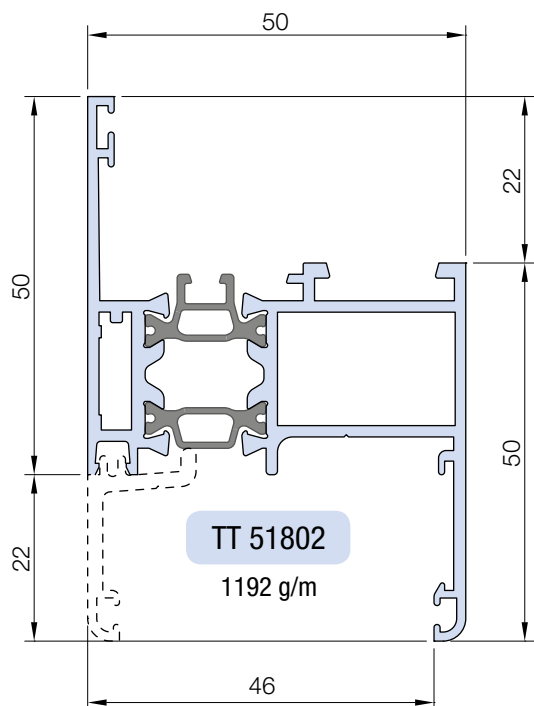
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		PL 15221	Fermavetro raggiato per clip da 21mm <i>21mm radial glazing bead</i>	259	-
		PL 15225	Fermavetro raggiato per clip da 24,5mm <i>24,5mm radial glazing bead</i>	275	-
		PL 15228	Fermavetro raggiato per clip da 27,5mm <i>27,5mm radial glazing bead</i>	272	-
		PL 15232	Fermavetro raggiato per clip da 31,7mm <i>31,7mm radial glazing bead</i>	305	-
		PL 1818	Fermavetro smussato da 17,5mm <i>17,5mm bevelled glazing bead</i>	236	-
		PL 1821	Fermavetro smussato da 21mm <i>21mm bevelled glazing bead</i>	258	-
		PL 1825	Fermavetro smussato da 24,5mm <i>24,5mm bevelled glazing bead</i>	270	-
		PL 1828	Fermavetro smussato da 27,5mm <i>27,5mm bevelled glazing bead</i>	279	-
		PL 1832	Fermavetro smussato da 31,7mm <i>31,7mm bevelled glazing bead</i>	296	-

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		PL 1928	Fermavetro modanato da 27,5mm <i>27,5mm moulded glazing bead</i>	298	-
		PL 1932	Fermavetro modanato da 31,7mm <i>31,7mm moulded glazing bead</i>	317	-
		PL 2055	Portaspazzolino per TT 51840, TT 51841, TT 51858, TT 51859 <i>Brush holder for TT 51840, TT 51841, TT 51858, TT 51859</i>	672	-
		PL 2058	Soglia calpestabile 3mm <i>3mm threshold plate</i>	404	-
		PL 2059	Portaspazzolino sottoporta per ante giunto aperto a girare <i>Floor brush holder</i>	397	-
		PL 2060	Guida tapparella <i>Roller shutter guide</i>	947	-
		PL 2075	Profilo giunzione finestre <i>Glazing joint profile</i>	528	-
		PL 2077	Coprifilo per TT 5186 <i>Glazing counter-frame for TT 5186</i>	385	-
		PL 2084	Profilo per squadrette maggiorate, cianfrinare <i>Profile for oversized brackets, crimping</i>	6461	-

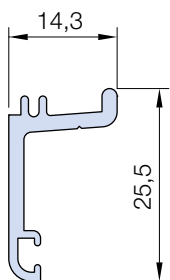
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		PL 2090	Profilo per squadrette, cianfrinare <i>Profile for brackets, crimping</i>	2720	-
		PL 20100	Gocciolatoio <i>Drip</i>	129	-
		PL 20126	Rinforzo soglia ribassata <i>Low sill reinforcement</i>	260	-
		PL 20192	Imbotte per telai a L maggiorati <i>Wall profile for oversized L frame</i>	636	-
		PL 20193	Imbotte da 45mm <i>45mm wall profile</i>	946	-
		PL 20194	Imbotte da 75mm <i>75mm wall profile</i>	1149	-
		PL 20195	Imbotte da 105mm <i>105mm wall profile</i>	1306	-
		PL 20196	Prolunga imbotti da 90mm <i>90mm wall profile extension</i>	686	-
		PL 20198	Imbotte da 135mm <i>135mm wall profile</i>	1504	-

ELENCO PROFILI
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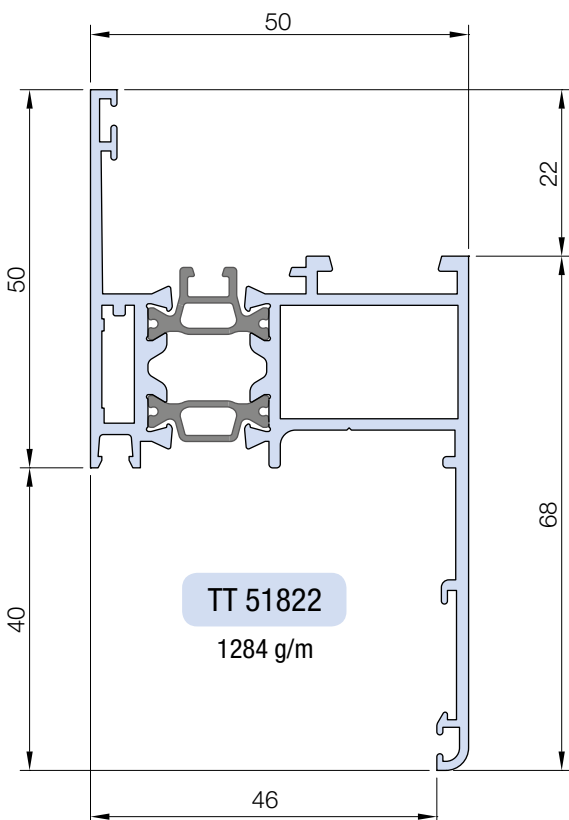
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		PL 20226	Profilo copricava per TT 51825, PL 2077 <i>Cable cover profile for TT 51825, PL 2077</i>	95	-
		PL 20228	Battuta riportata a 22mm per telai fissi <i>22mm fitted rebate for fixed Z frame</i>	217	-
		PL 20293	Imbotte da 48,5mm <i>48,5mm wall profile</i>	832	-
		PL 20294	Imbotte da 78,5mm <i>78,5mm wall profile</i>	1022	-
		PL 20295	Imbotte da 108,5mm <i>108,5mm wall profile</i>	1236	-
		PL 20296	Prolunga imbotti da 103mm <i>103mm wall profile extension</i>	816	-
		PL 20298	Imbotte da 138,5mm <i>138,5mm wall profile</i>	1472	-



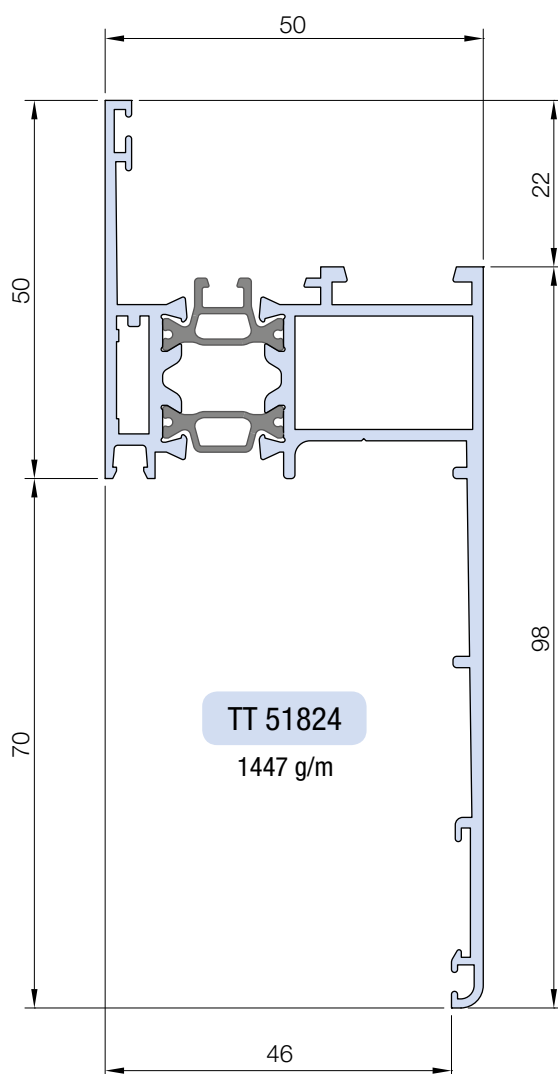
TT 51802
1192 g/m



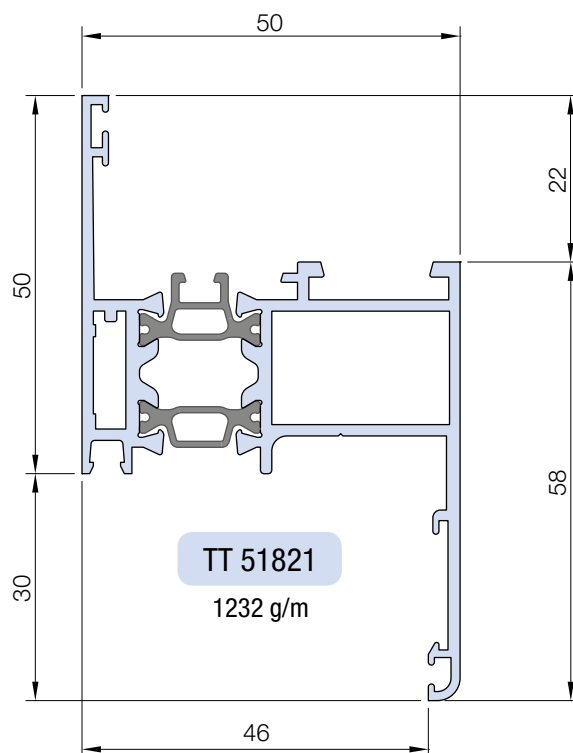
PL 20228
217 g/m



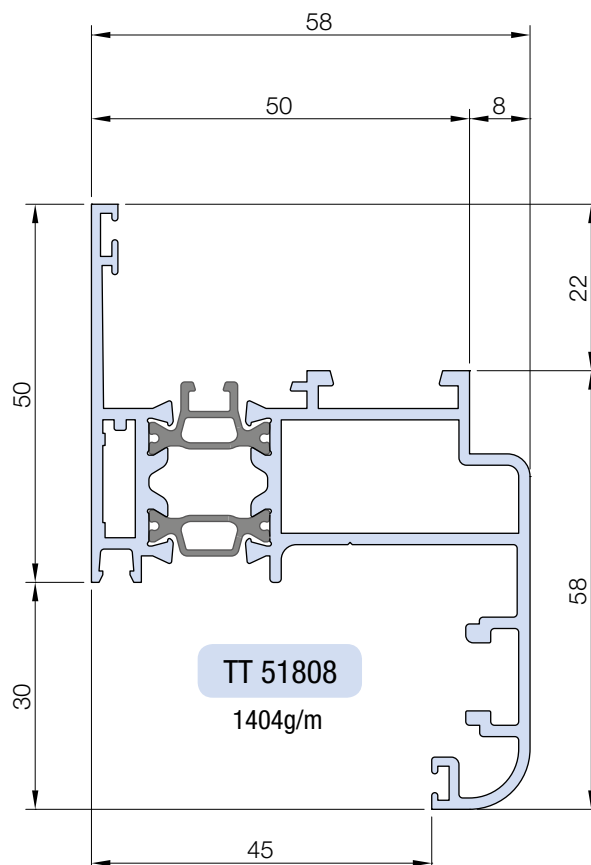
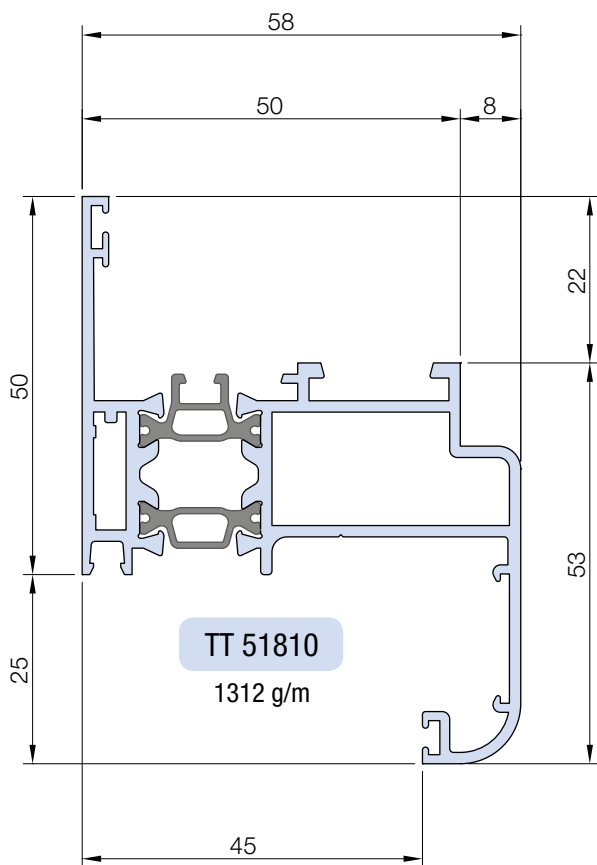
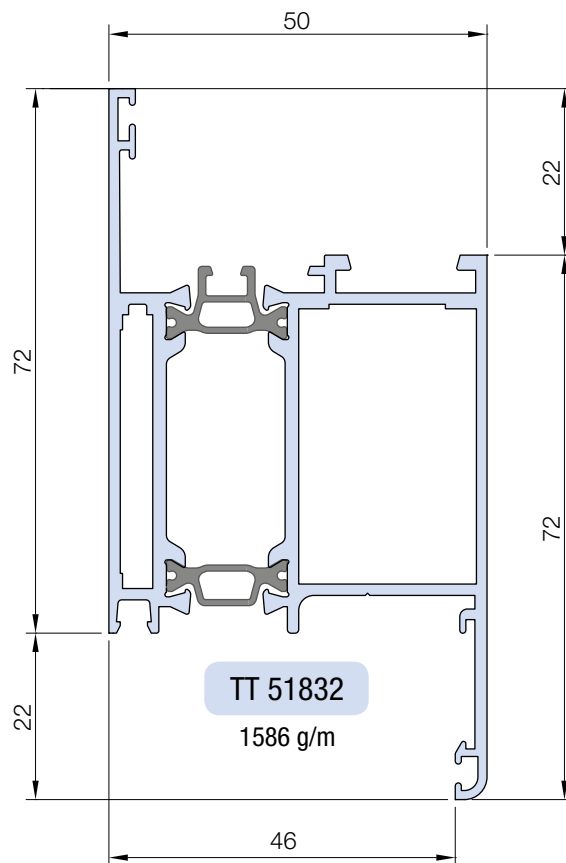
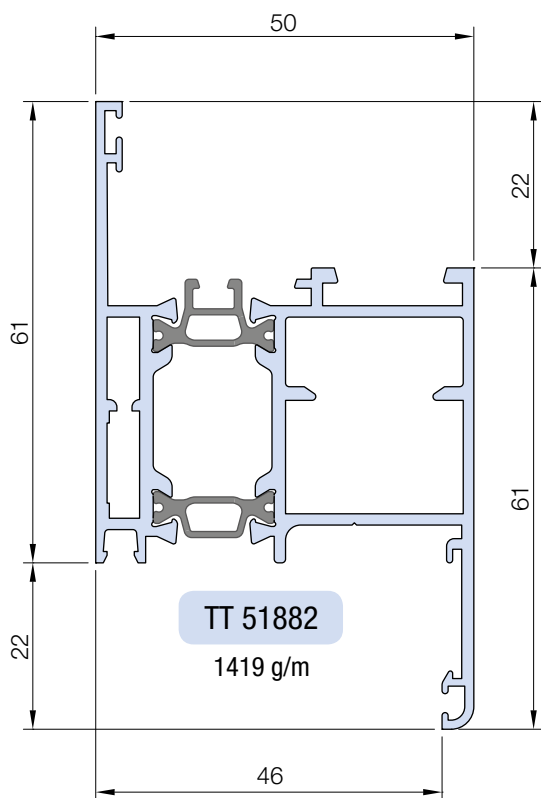
TT 51822
1284 g/m

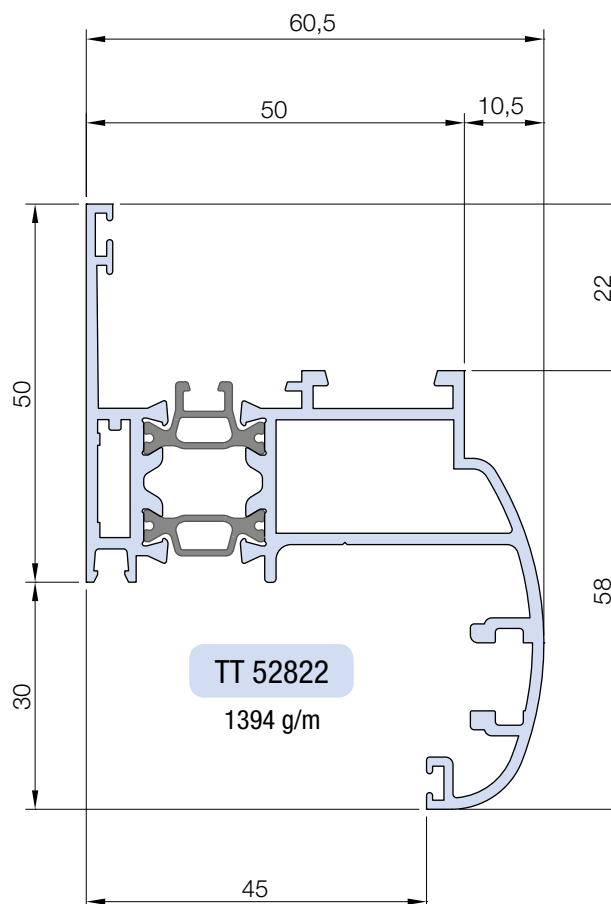
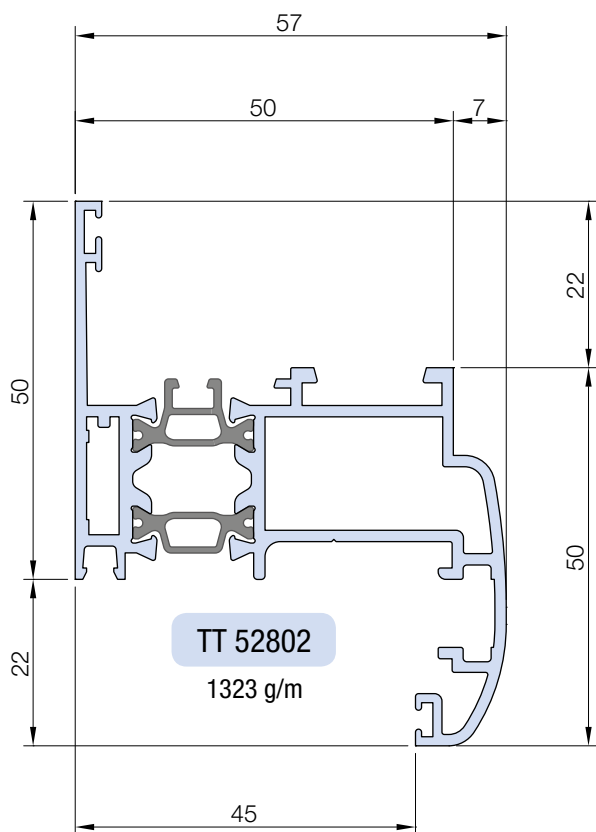
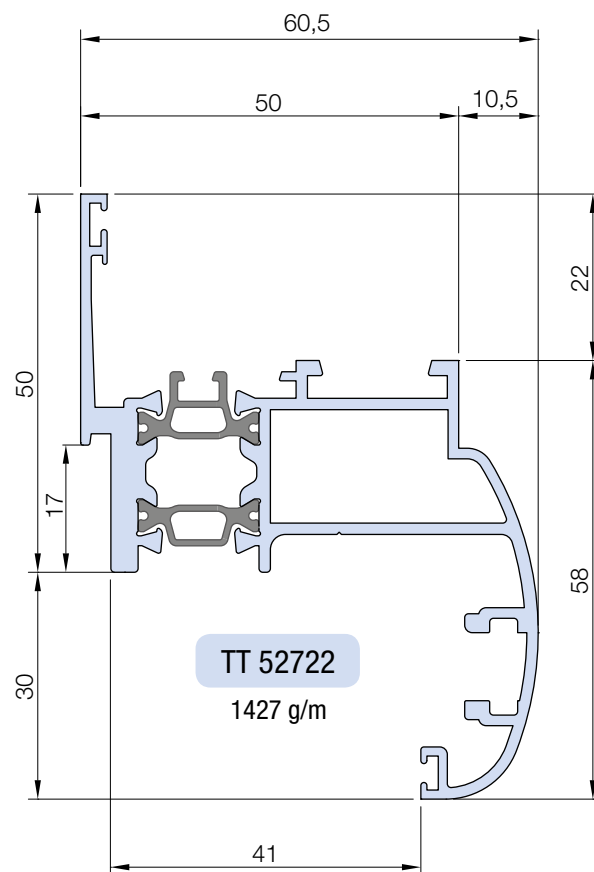
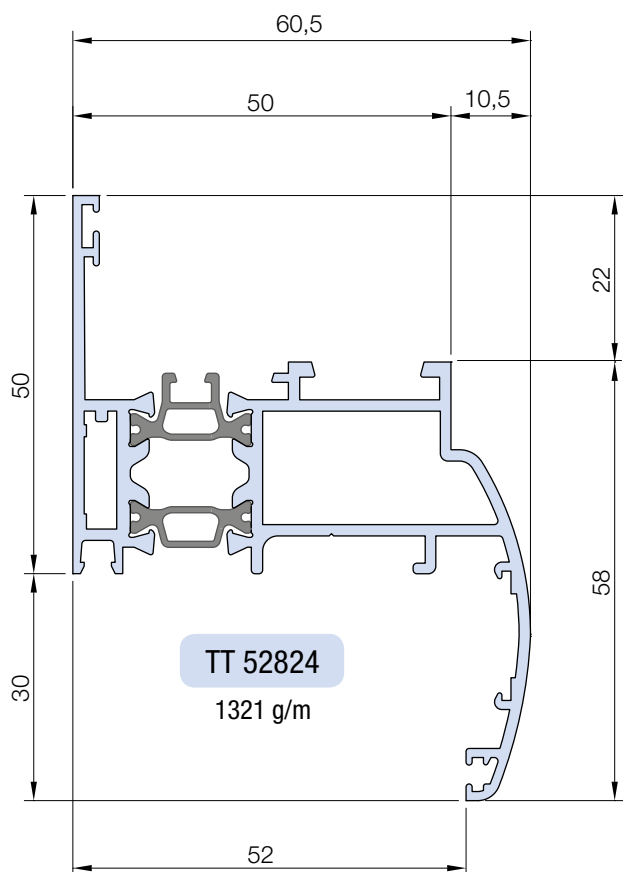


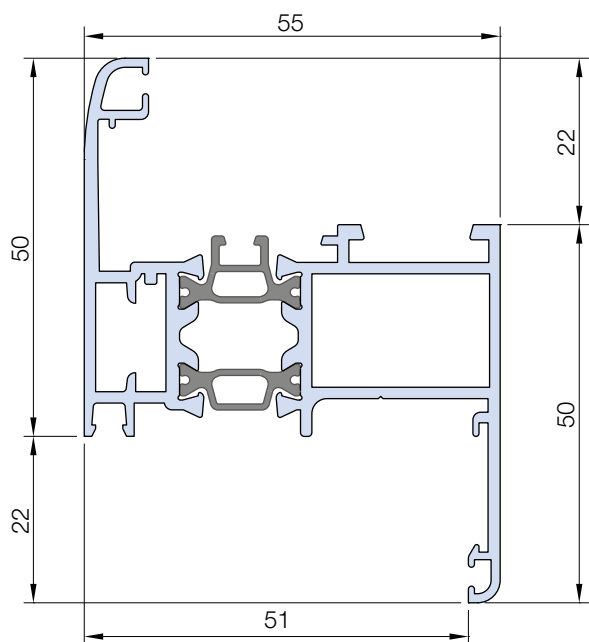
TT 51824
1447 g/m



TT 51821
1232 g/m

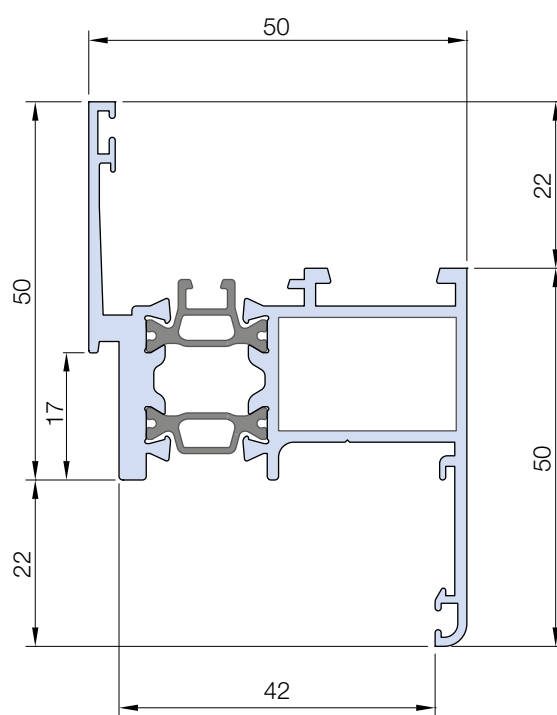






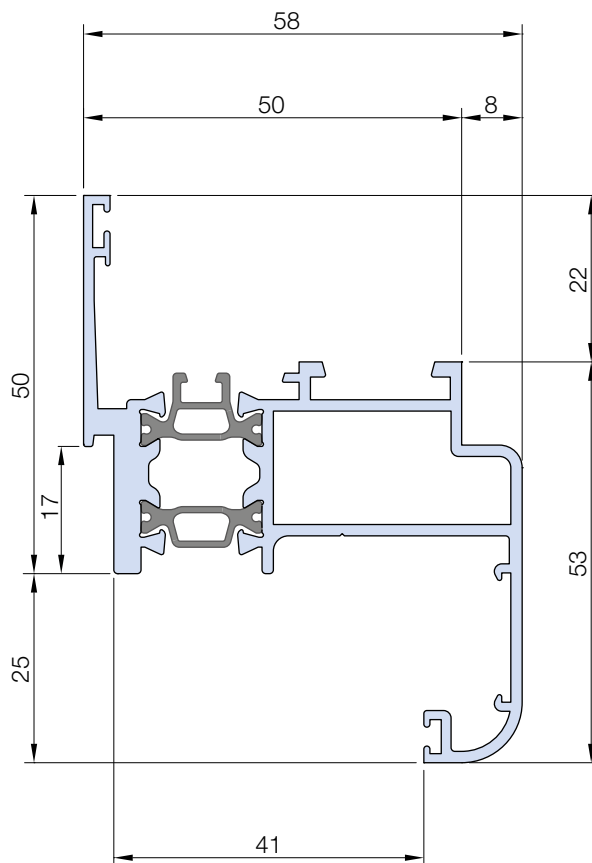
TT 51872

1312 g/m



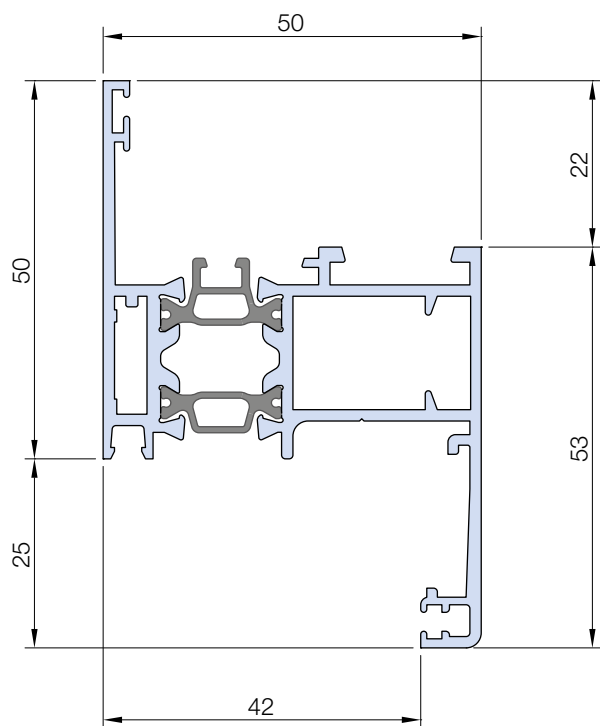
TT 52890

1227 g/m



TT 52810

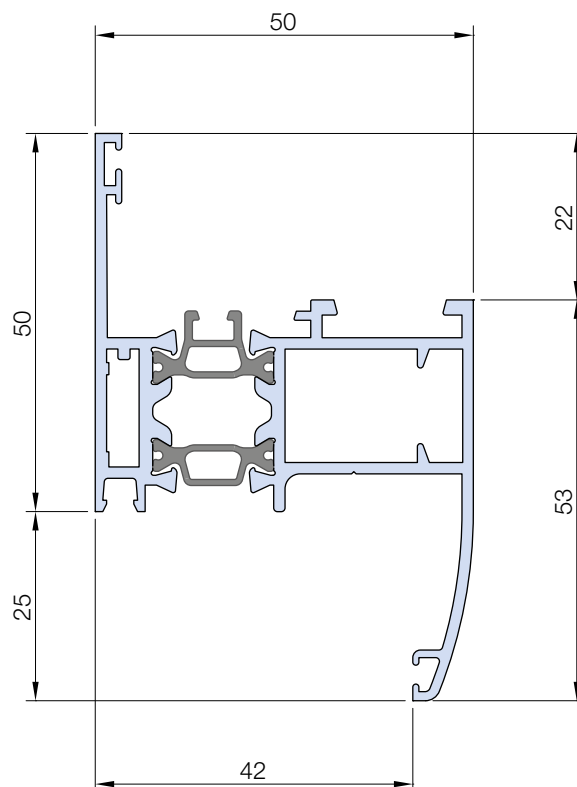
1350 g/m



TT 51892

1260 g/m

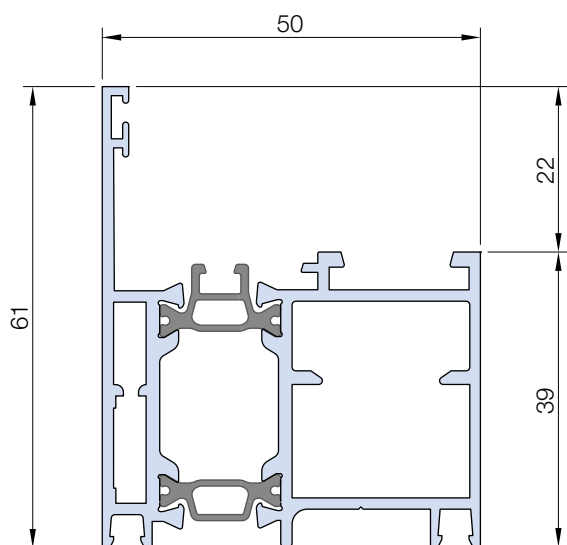
ATTENZIONE! PER QUESTO TELAIO
UTILIZZARE LE SQUADRETTE ACP 5502/ACP 7001
Warning! For this frame use corner brackets ACP 5502/ACP 7001



TT 51846

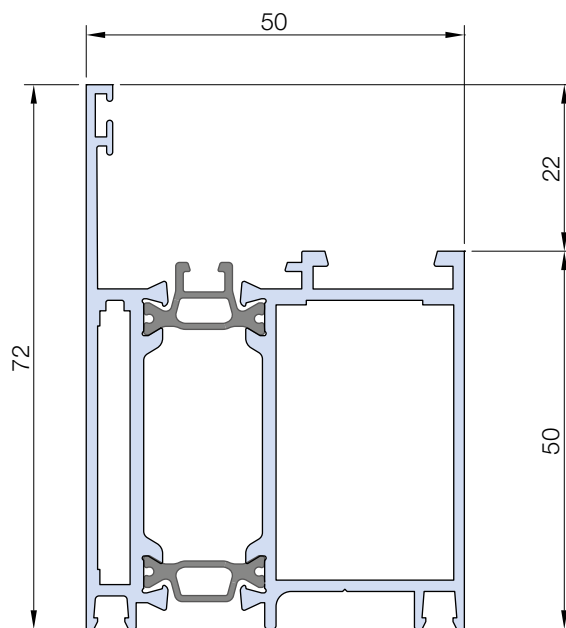
1204 g/m

ATTENZIONE! PER QUESTO TELAIO
UTILIZZARE LE SQUADRETTE ACP 5502/ACP 7001
Warning! For this frame use corner brackets ACP 5502/ACP 7001



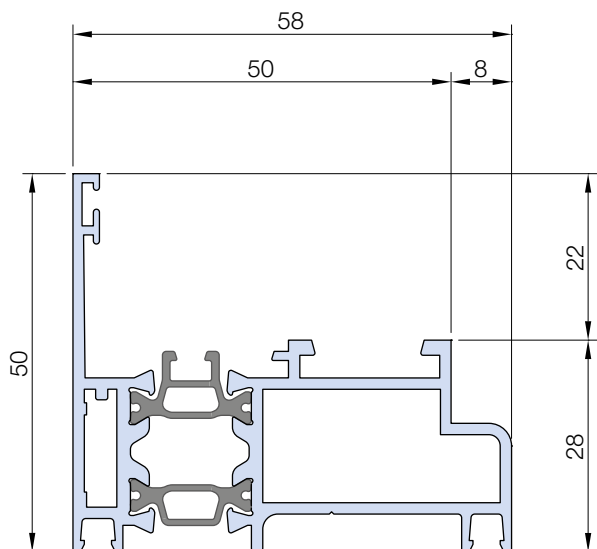
TT 51883

1312 g/m



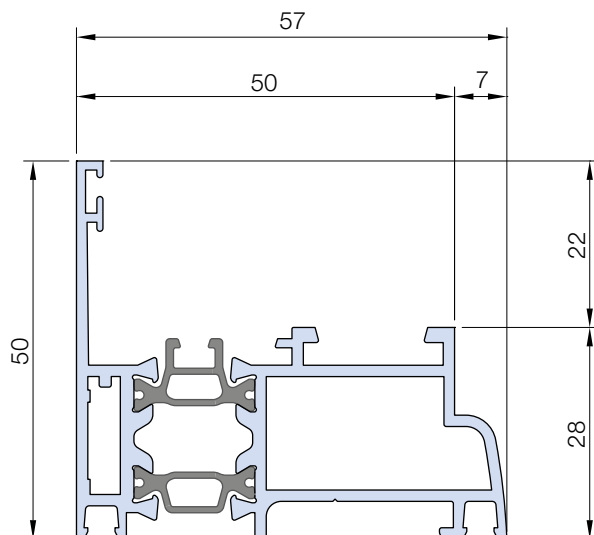
TT 51833

1478 g/m



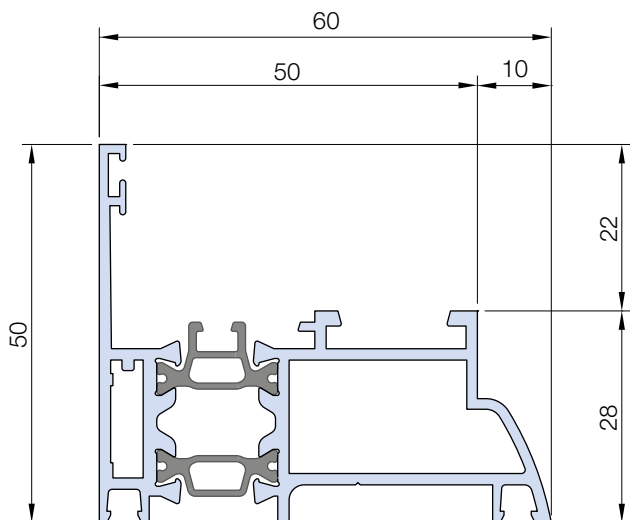
TT 51809

1149 g/m



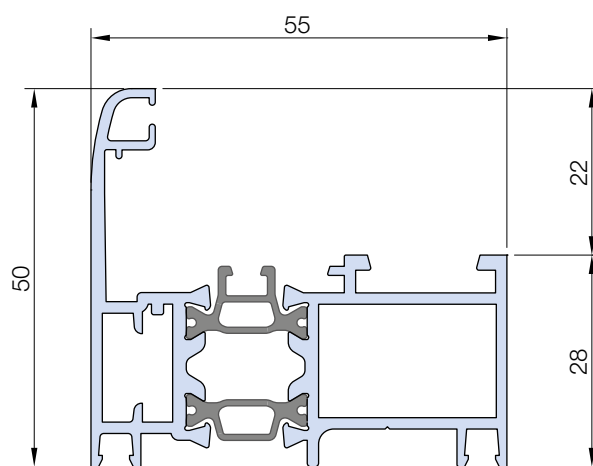
TT 52803

1141 g/m



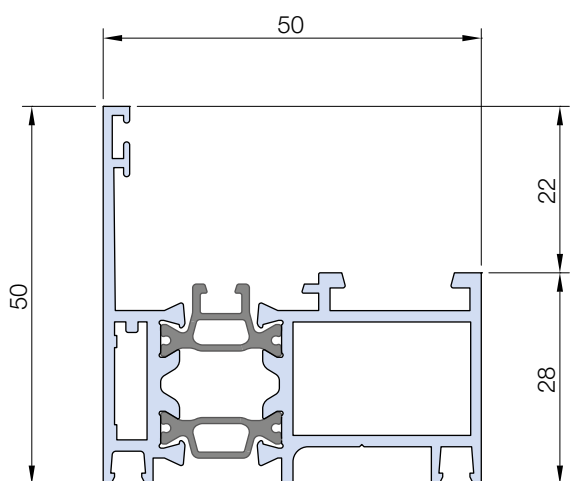
TT 52823

1140 g/m



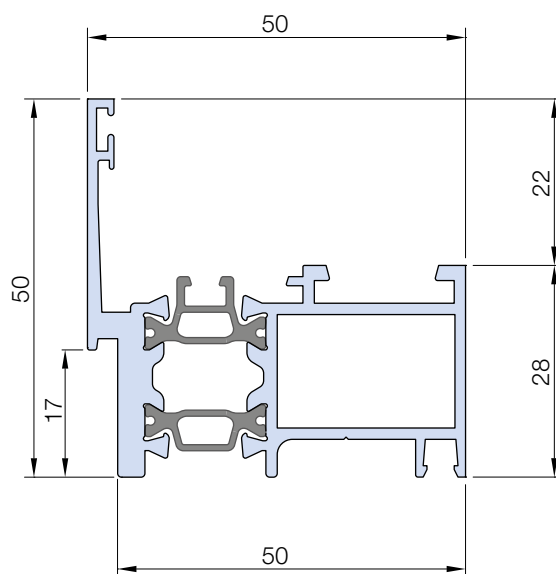
TT 51873

1204 g/m



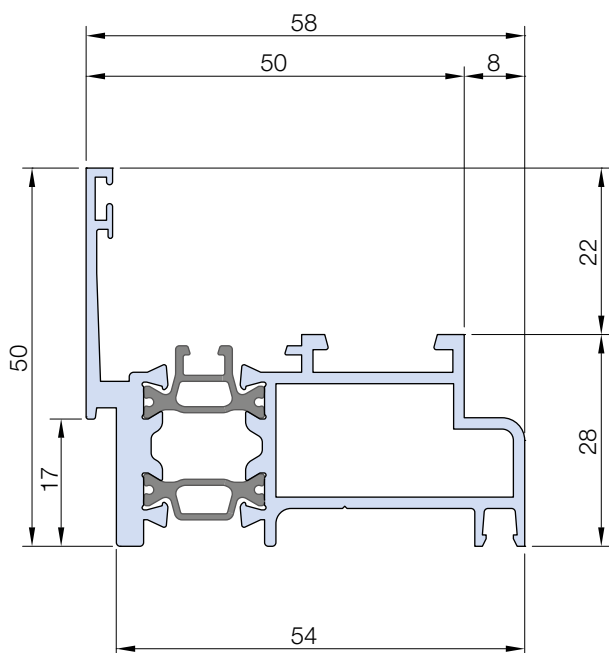
TT 51803

1085 g/m



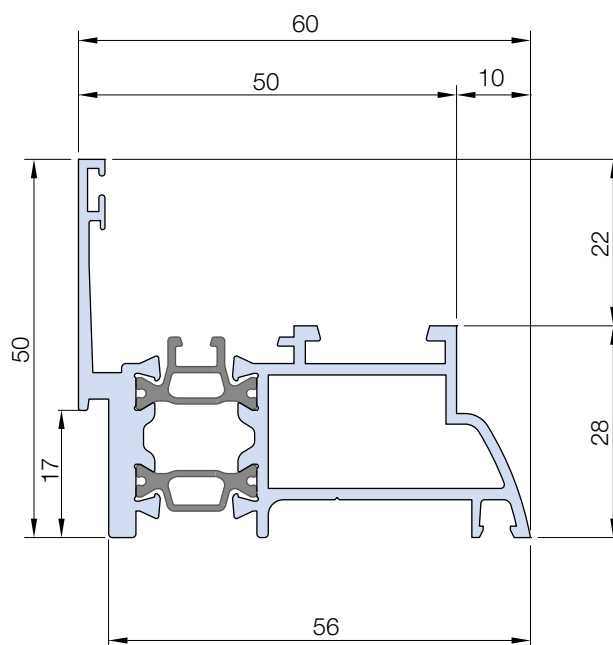
TT 52891

1119 g/m



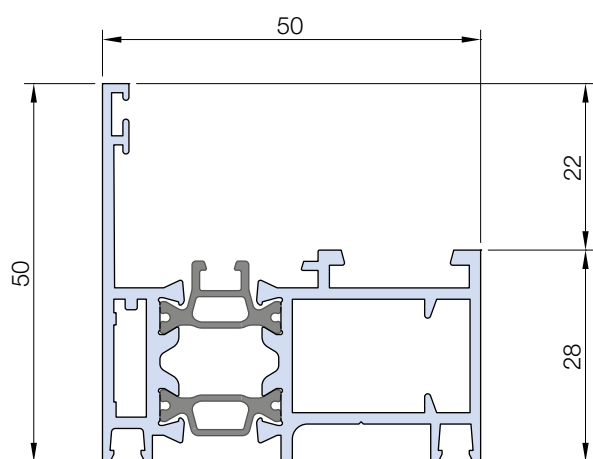
TT 52809

1184 g/m



TT 52893

1175 g/m

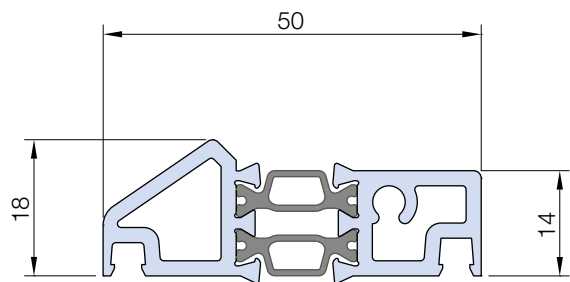


TT 51893

1096 g/m

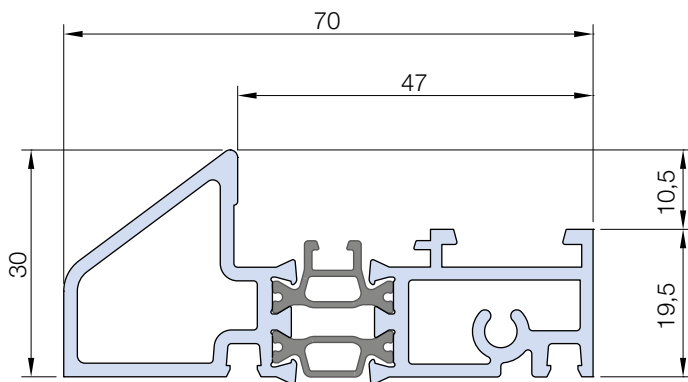
ATTENZIONE! PER QUESTO TELAIO
UTILIZZARE LE SQUADRETTE ACP 5502/ACP 7001

Warning! For this frame use corner brackets ACP 5502/ACP 7001



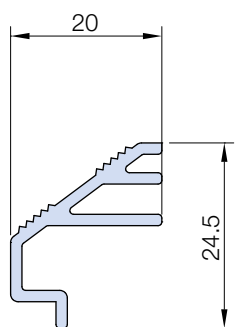
TT 51805

851 g/m



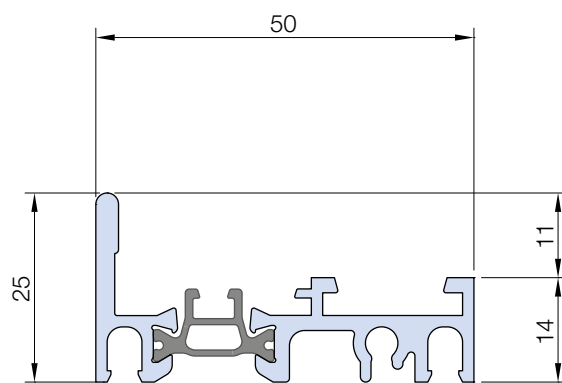
TT 51806

1238 g/m



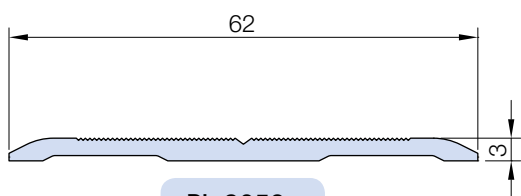
PL 20126

260 g/m



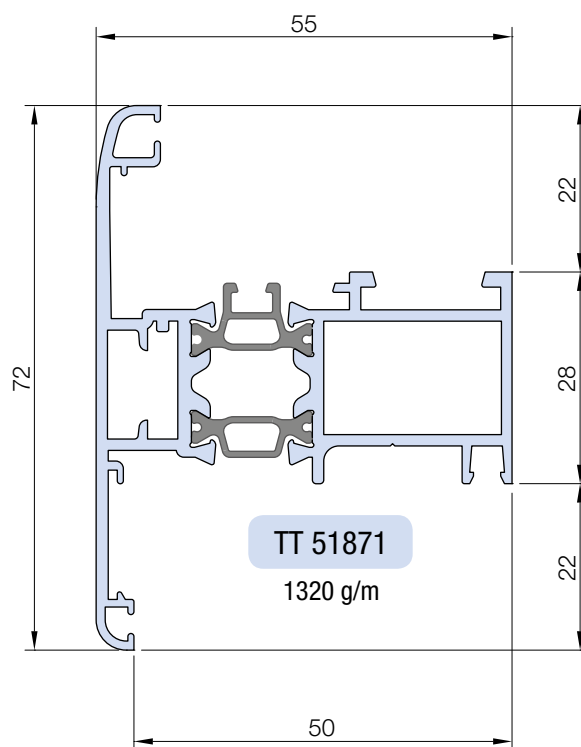
TT 51807

717 g/m



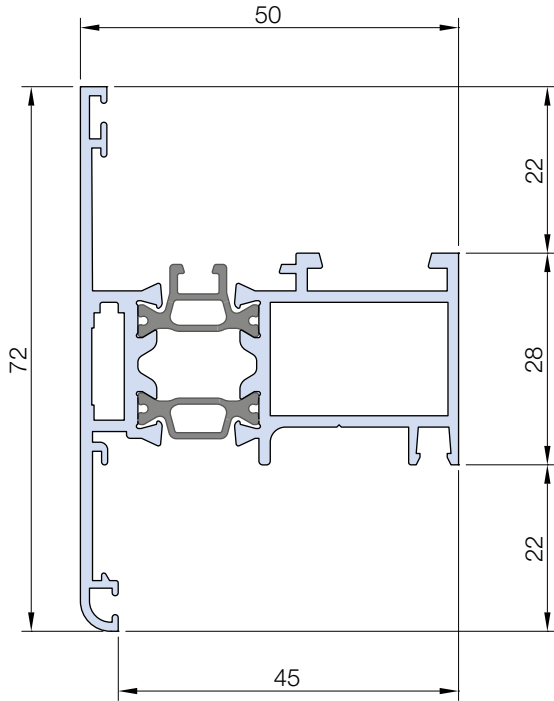
PL 2058

404 g/m

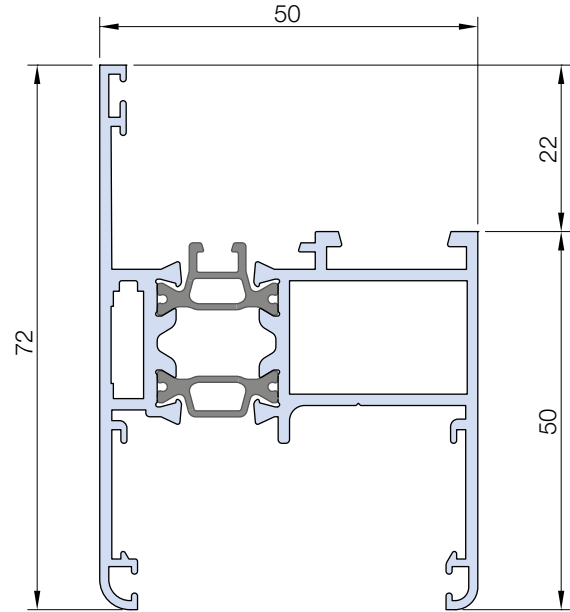


TT 51871

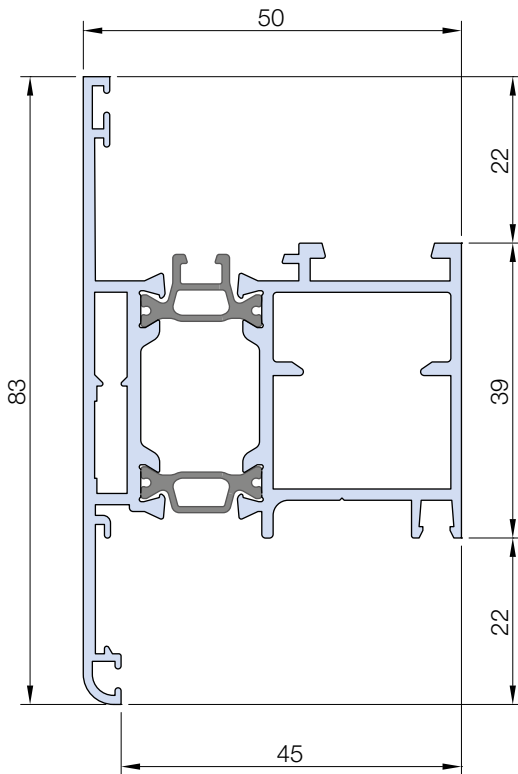
1320 g/m



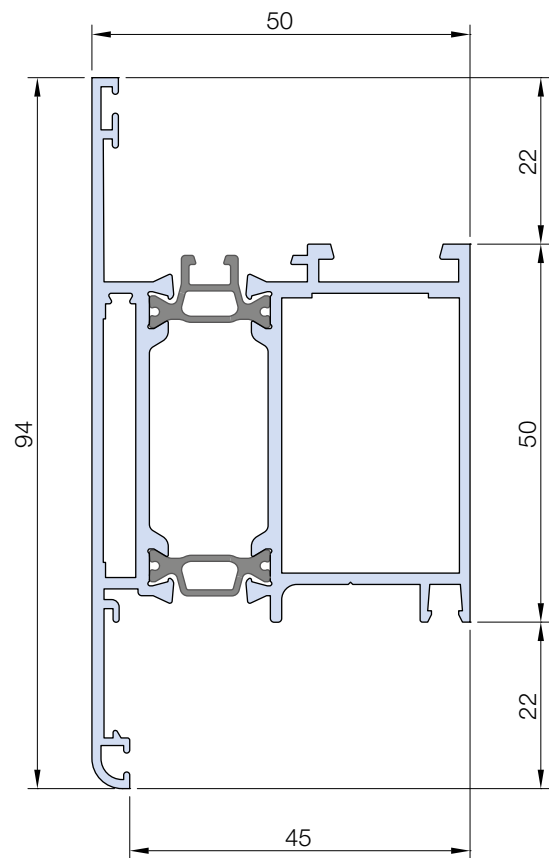
TT 51801
1201 g/m



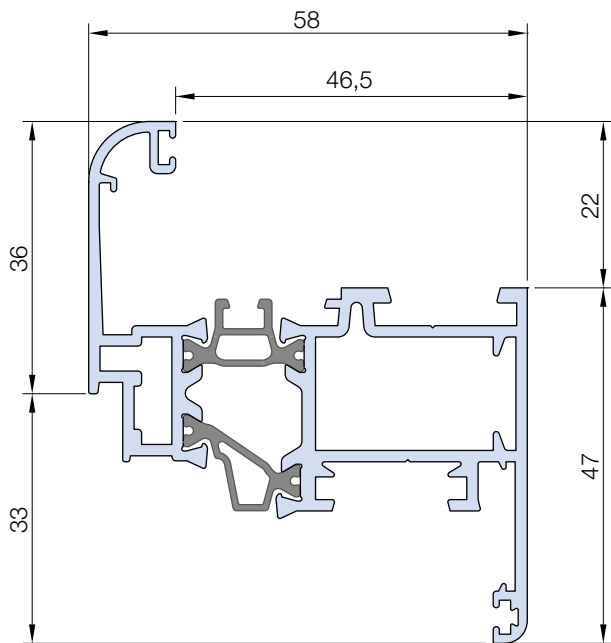
TT 51804
1305 g/m



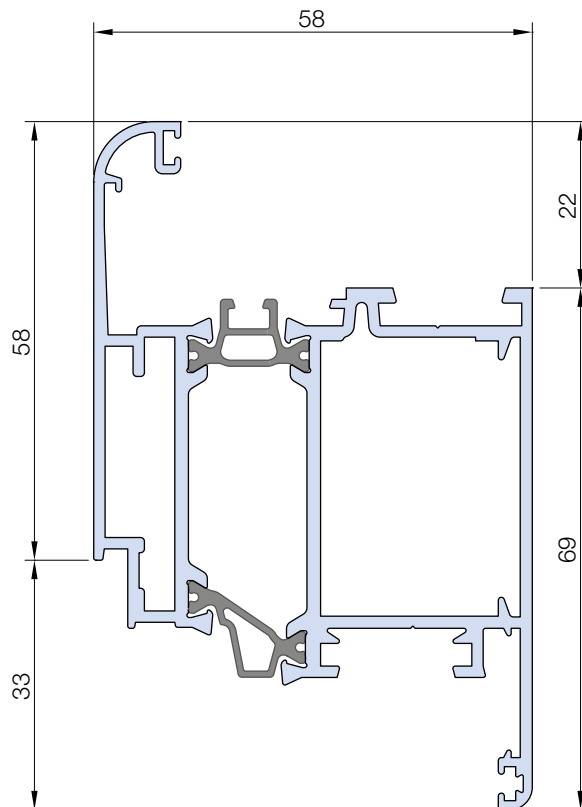
TT 51881
1421 g/m



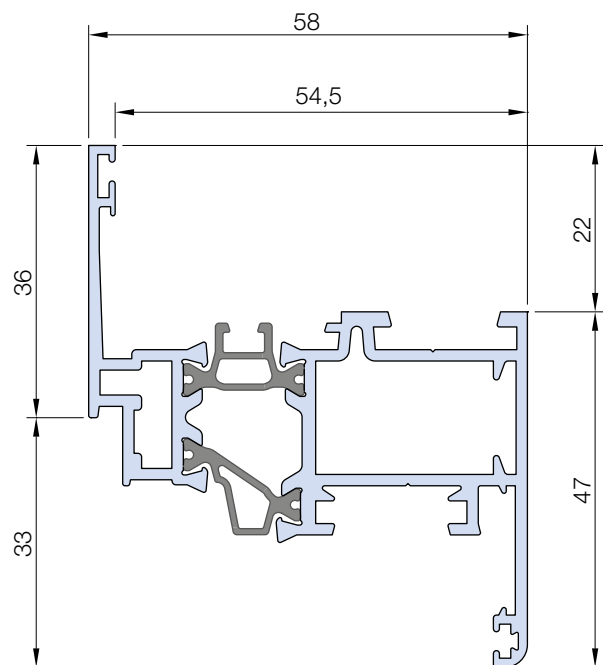
TT 51831
1595 g/m



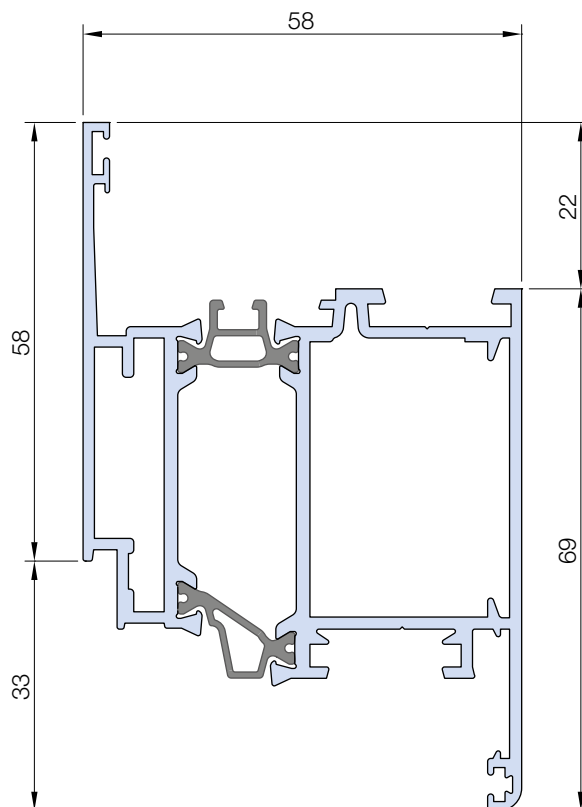
TT 51812
1374 g/m



TT 51817
1814 g/m

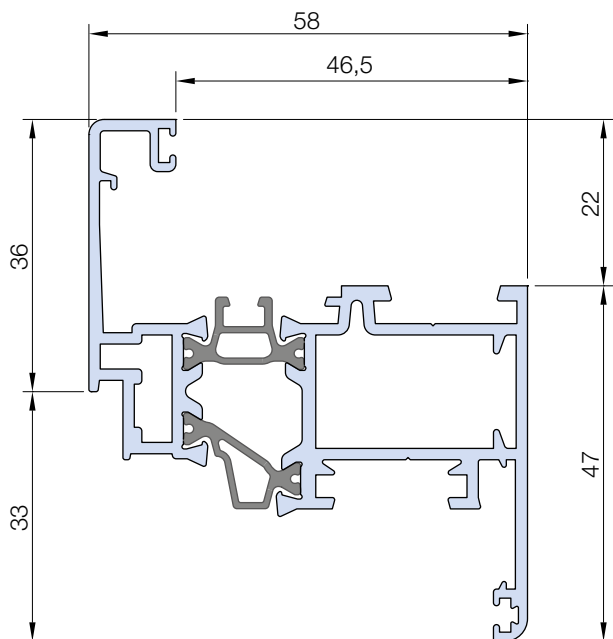


TT 51811*
1323 g/m

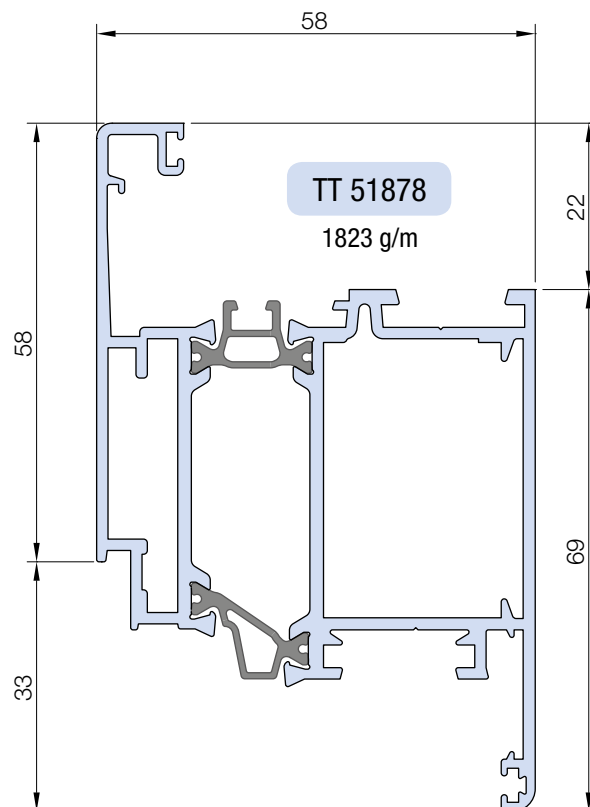


TT 51816*
1770 g/m

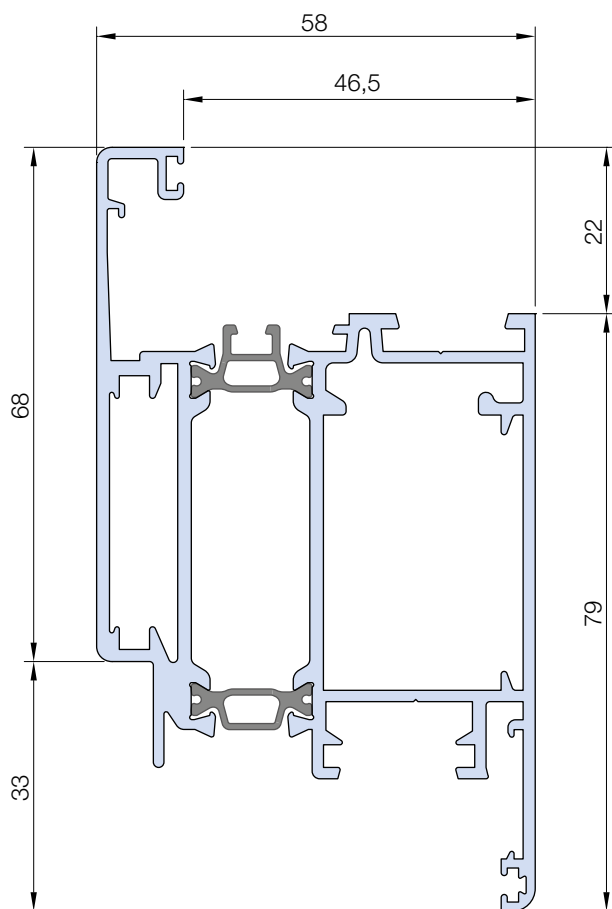
* UTILIZZARE SEMPRE GUARNIZIONE VETRO ESTERNA AGP 4014
* Always use external gasket AGP 4014



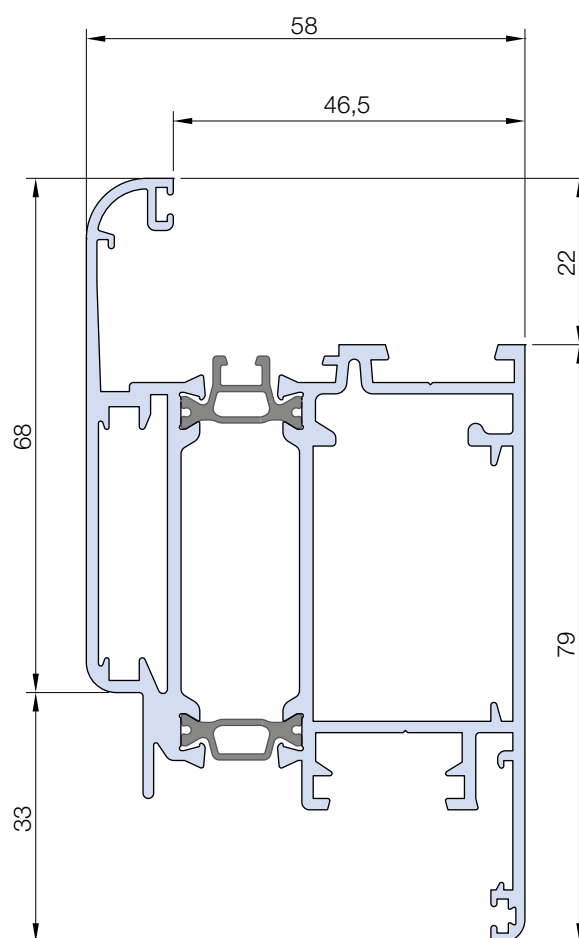
TT 51877
1378 g/m



TT 51878
1823 g/m

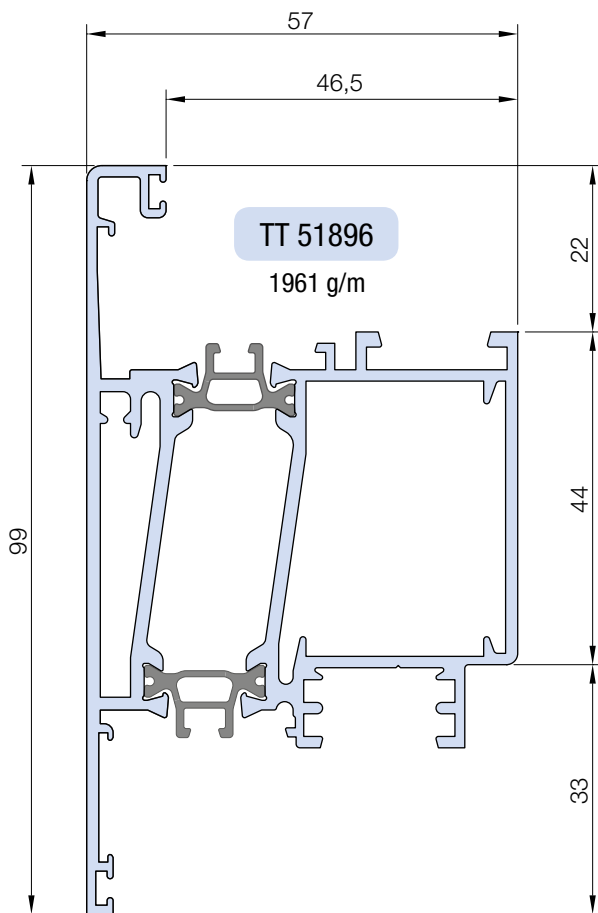
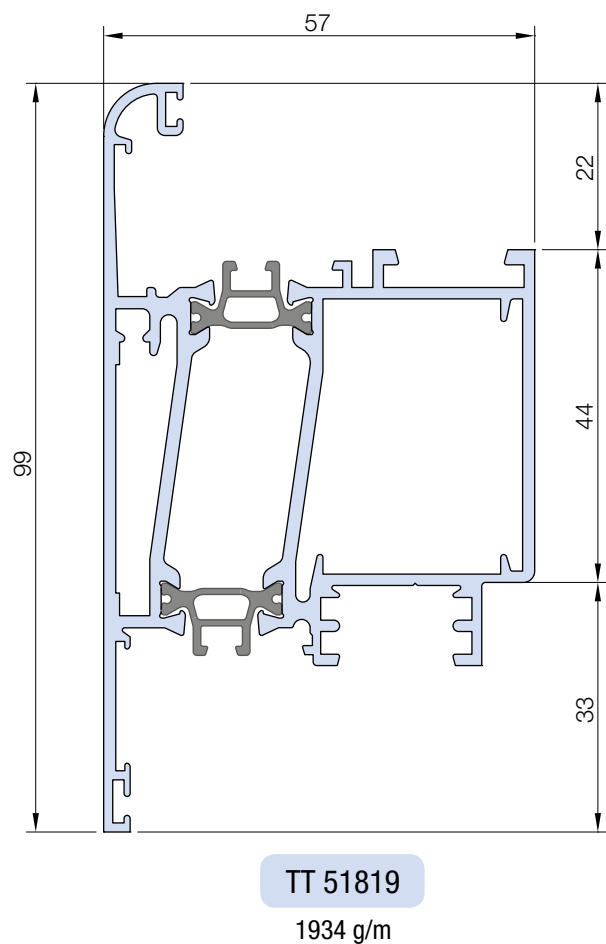
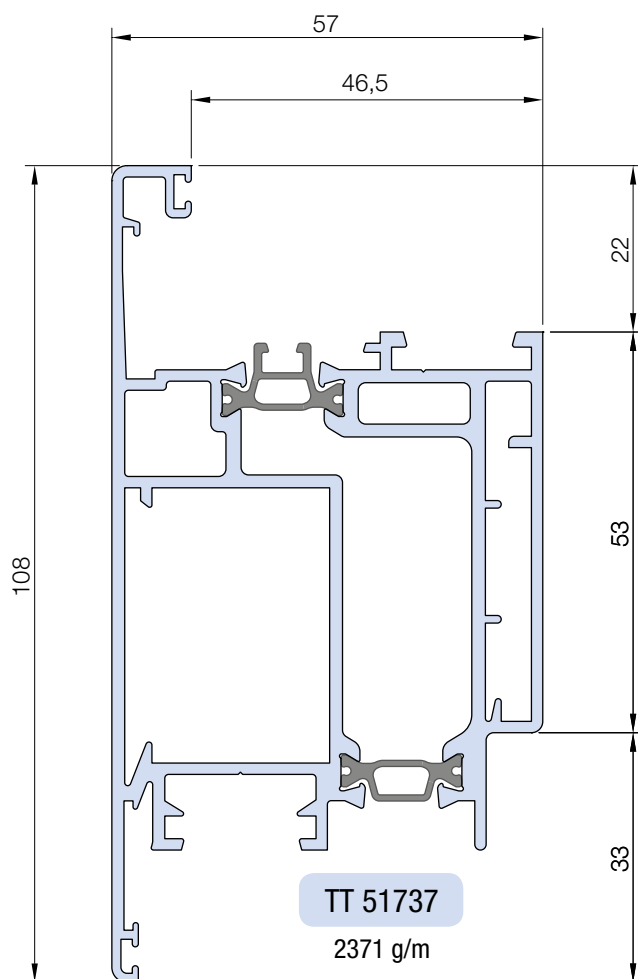
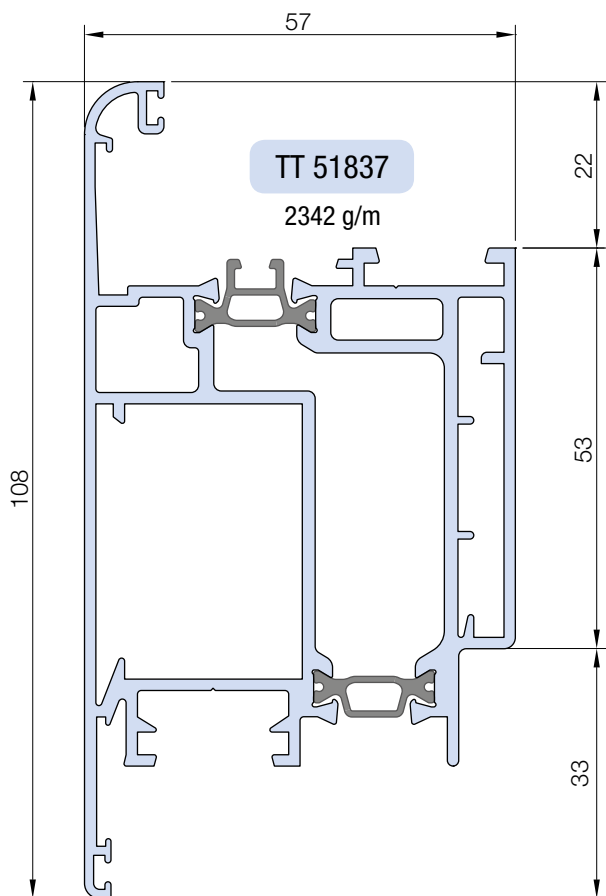


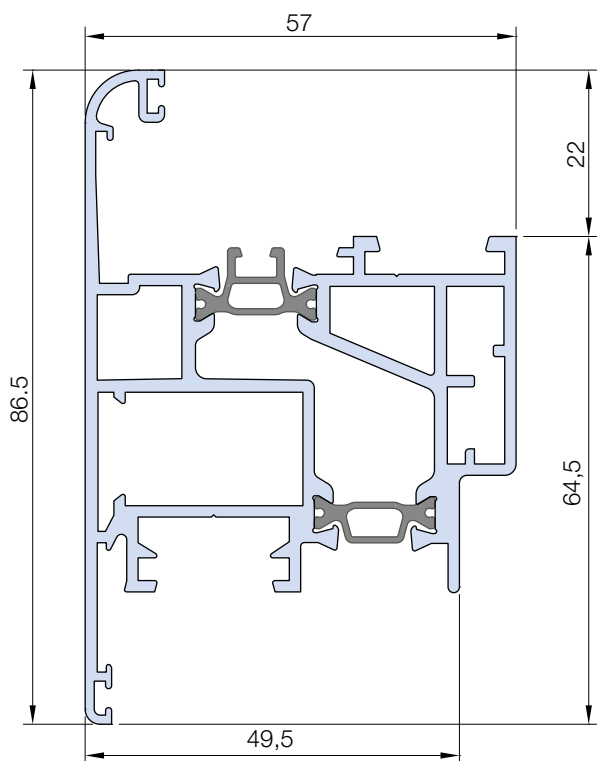
TT 51735
2145 g/m



TT 51835
2116 g/m

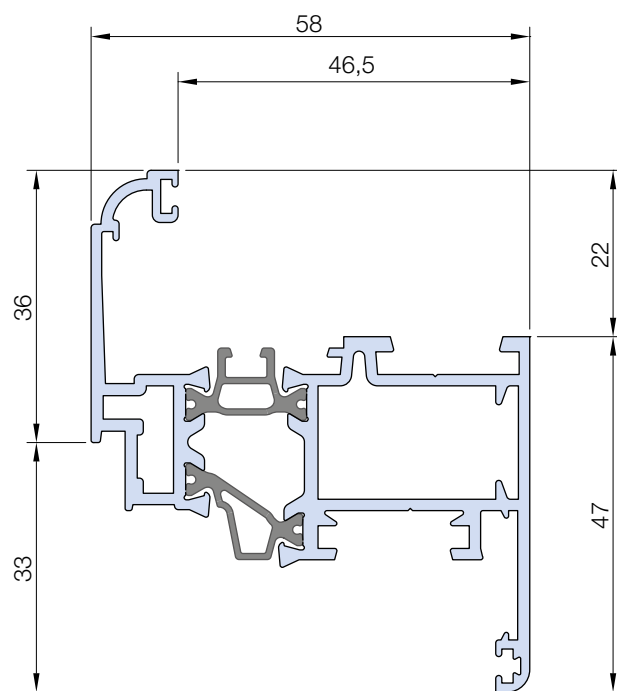
SAGOMARIO
Profile representation





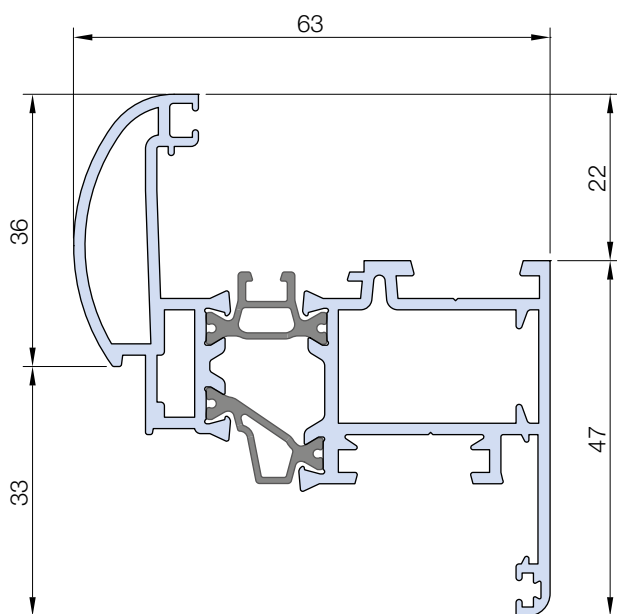
TT 51836

1956 g/m



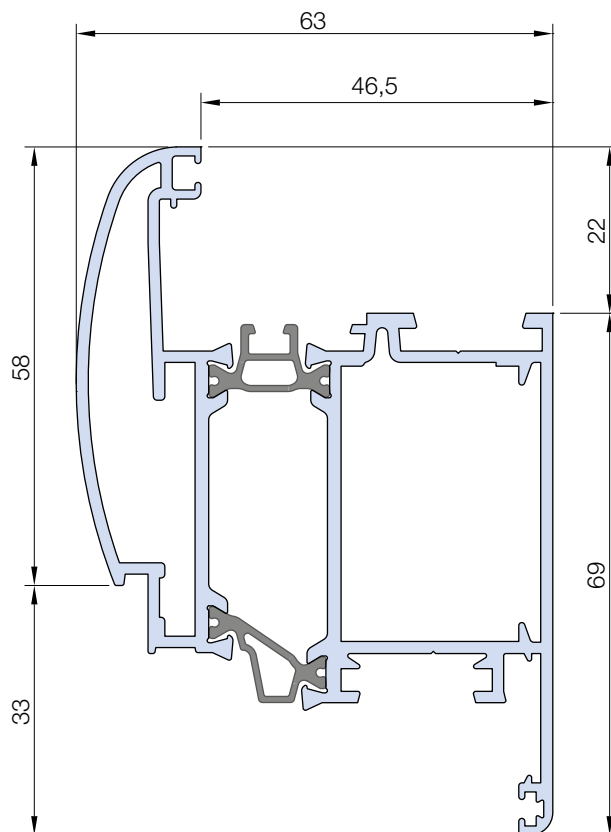
TT 51891

1341 g/m



TT 51875

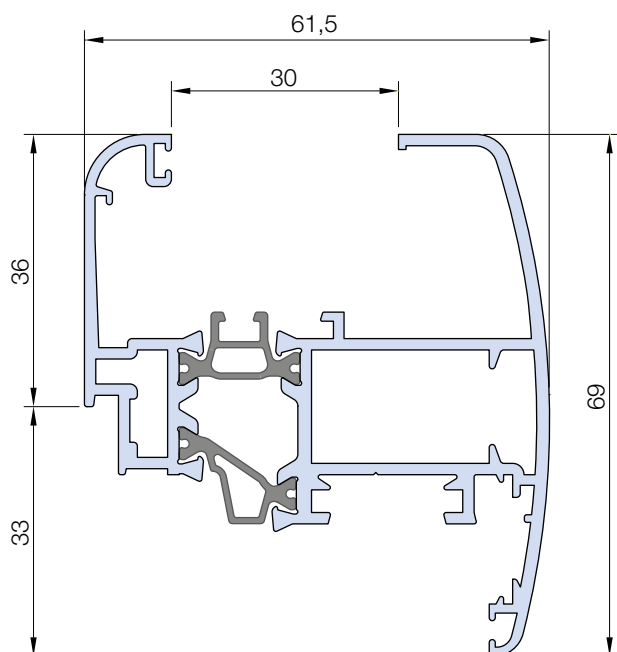
1462 g/m



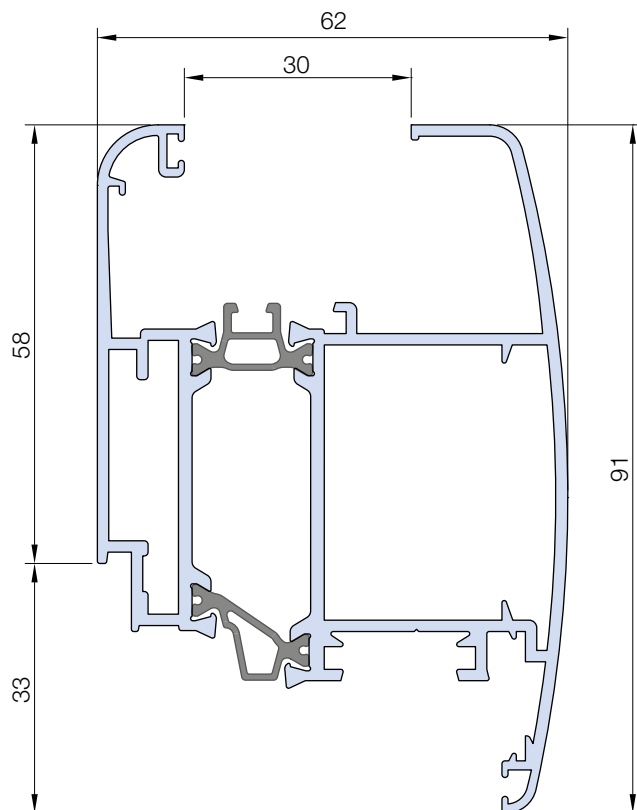
TT 51850

2067 g/m

SAGOMARIO
Profile representation

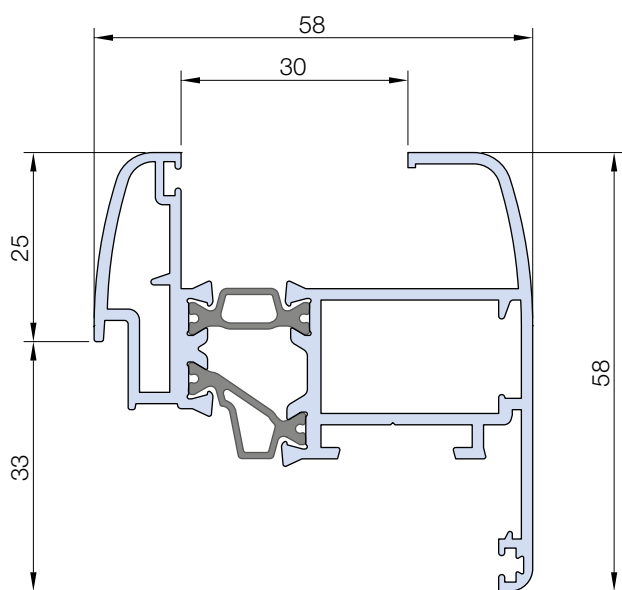


TT 52851
1479 g/m

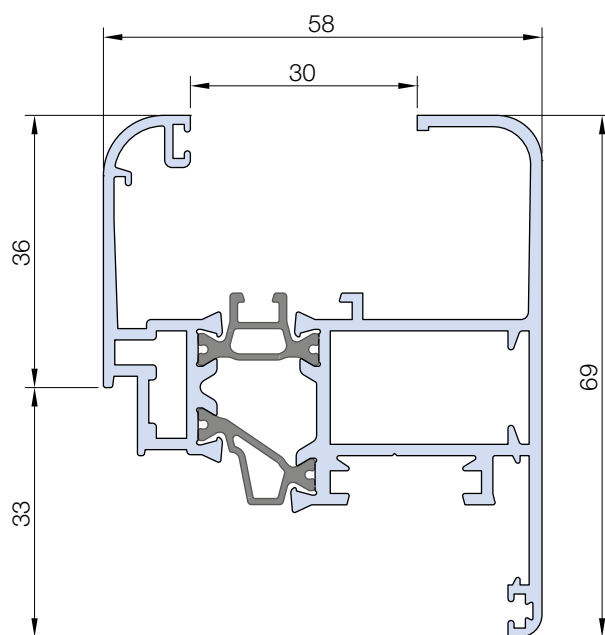


TT 51856
1937 g/m

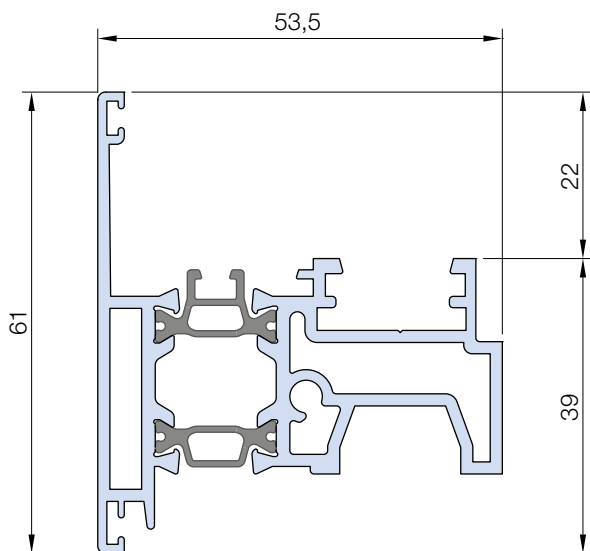
DISPONIBILE SOLO SU ORDINAZIONE
Available only on demand



TT 51857
1313 g/m

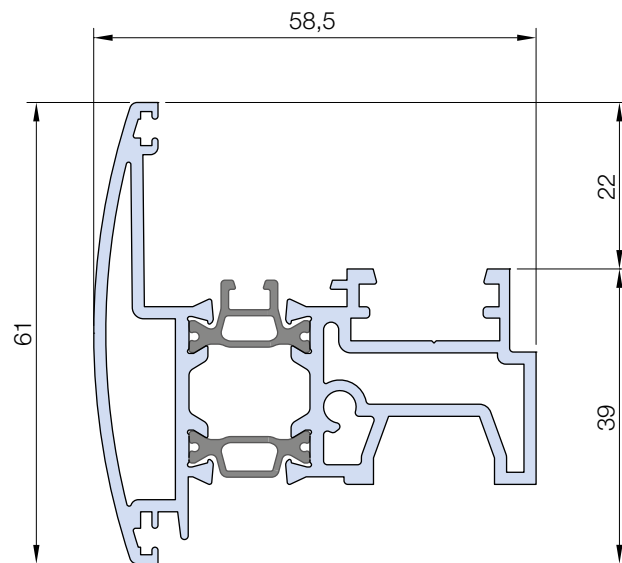


TT 51851
1461 g/m



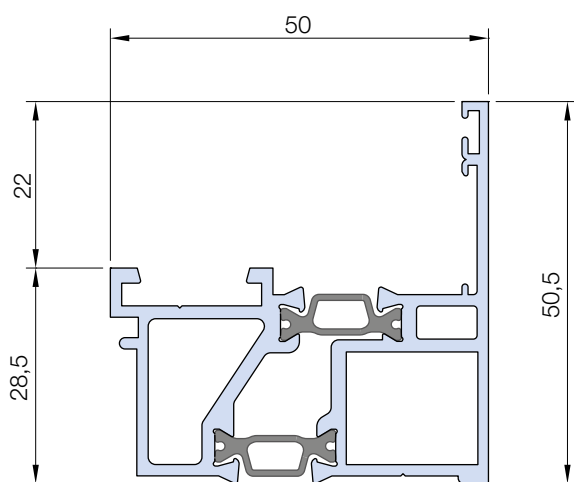
TT 51813

1385 g/m



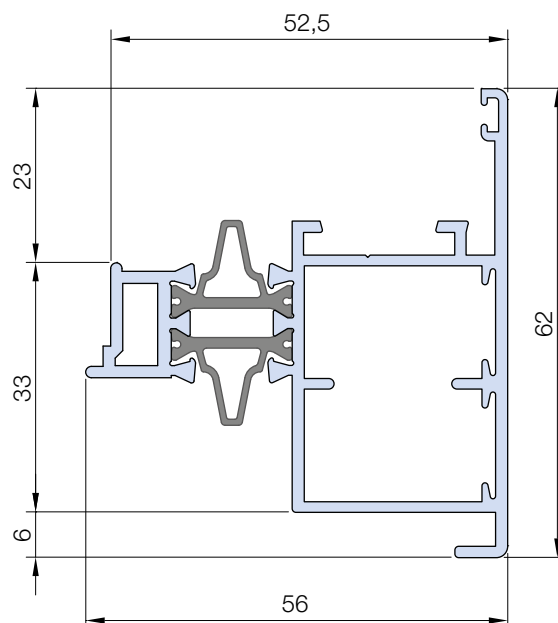
TT 51713

1518 g/m



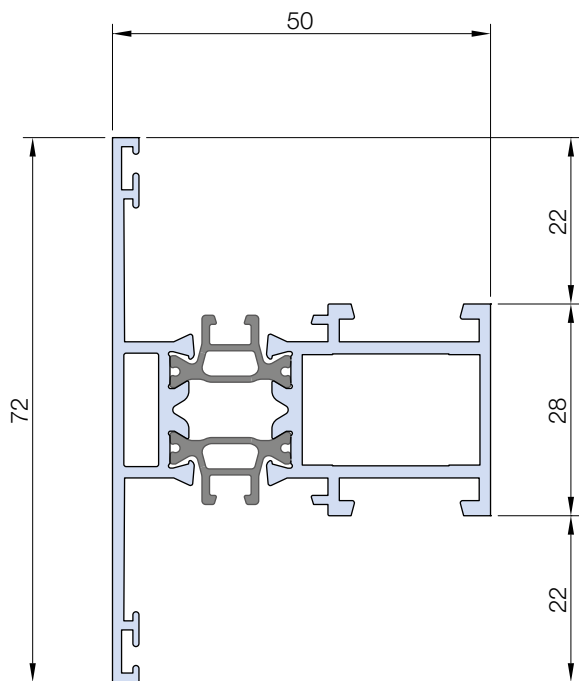
TT 51823

1166 g/m

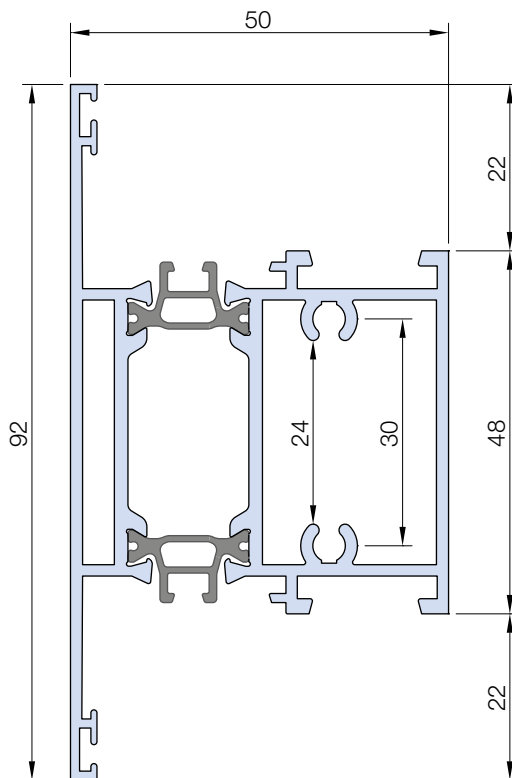


TT 5120

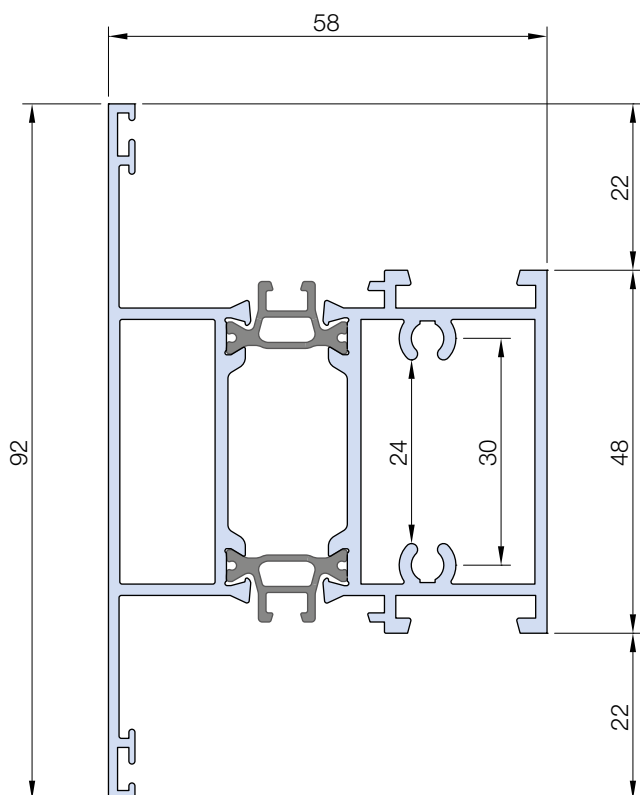
1185 g/m



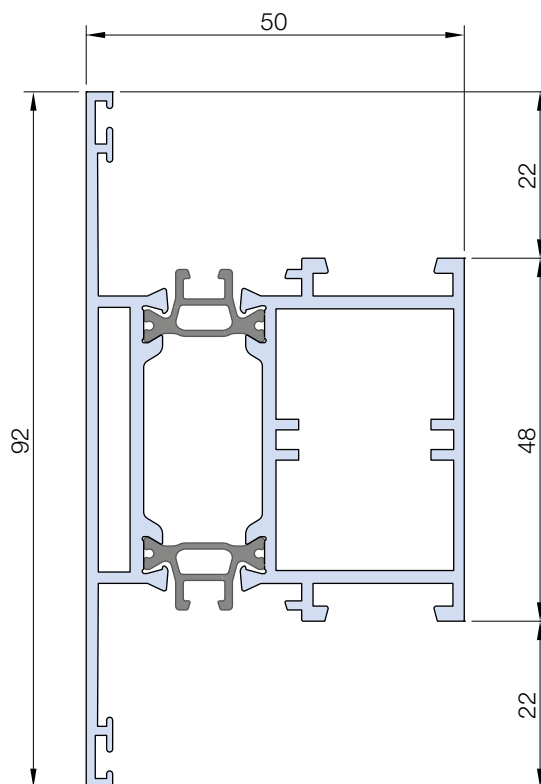
TT 51828
1204 g/m



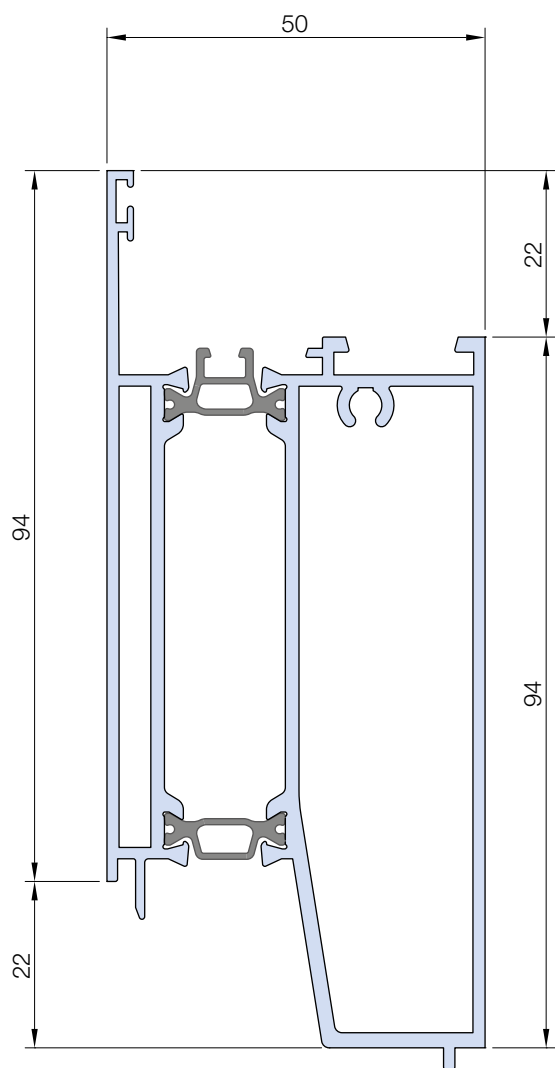
TT 51738
1681 g/m



TT 51839
1755 g/m

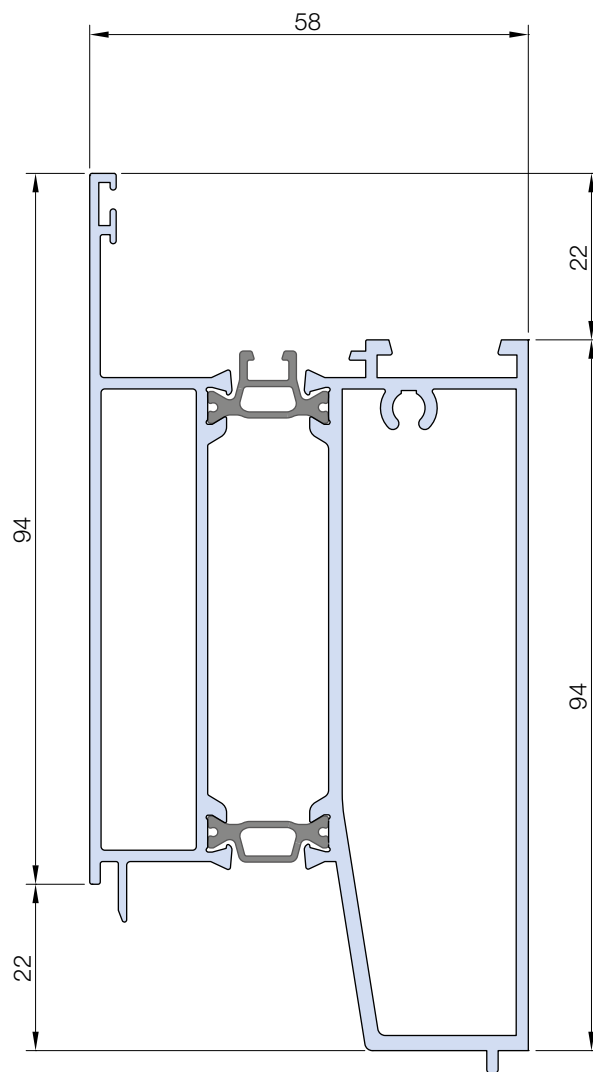


TT 51838
1616 g/m



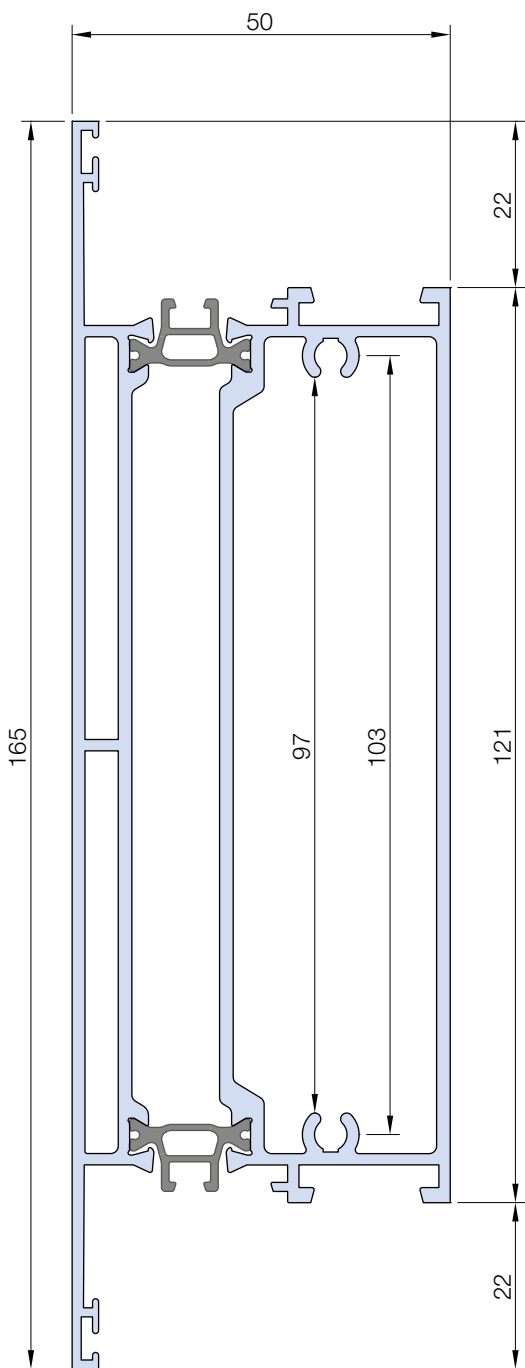
TT 51847

2200 g/m



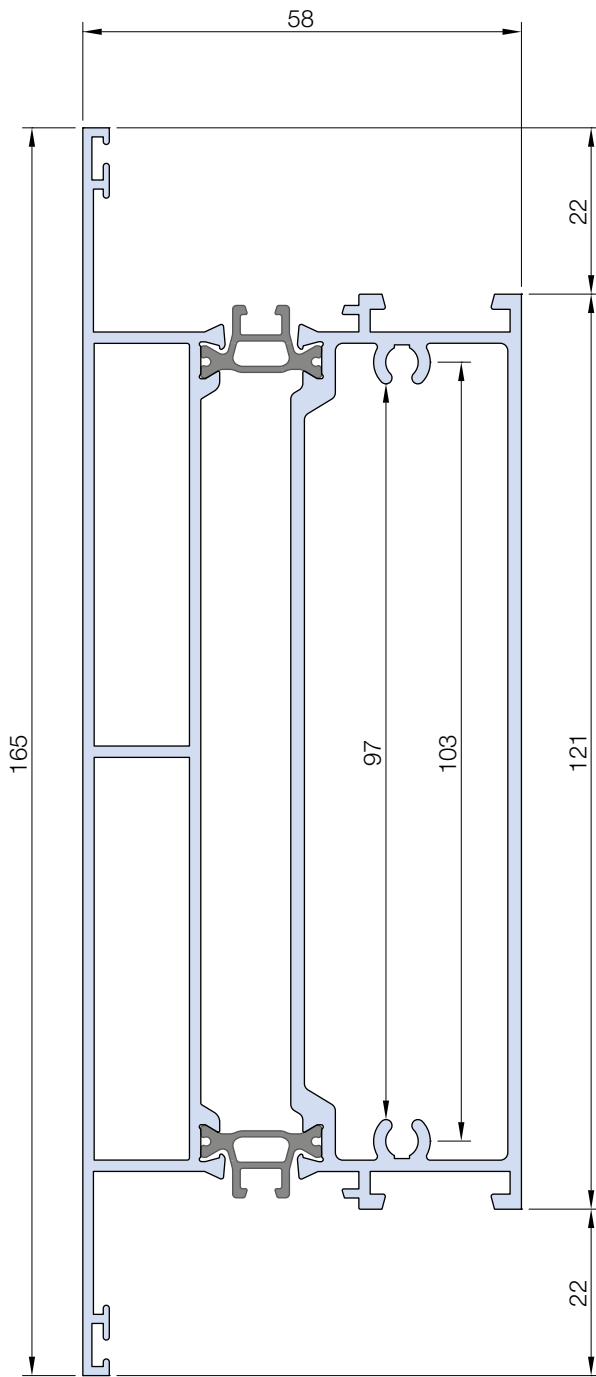
TT 51848

2263 g/m



TT 51840

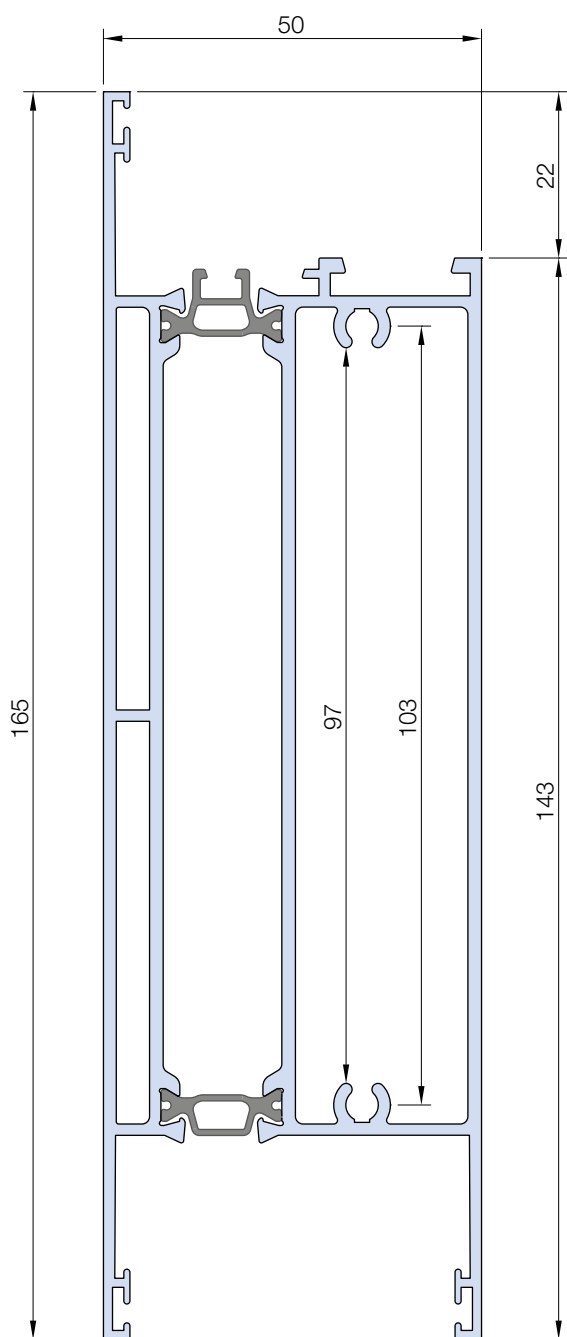
3175 g/m



TT 51858

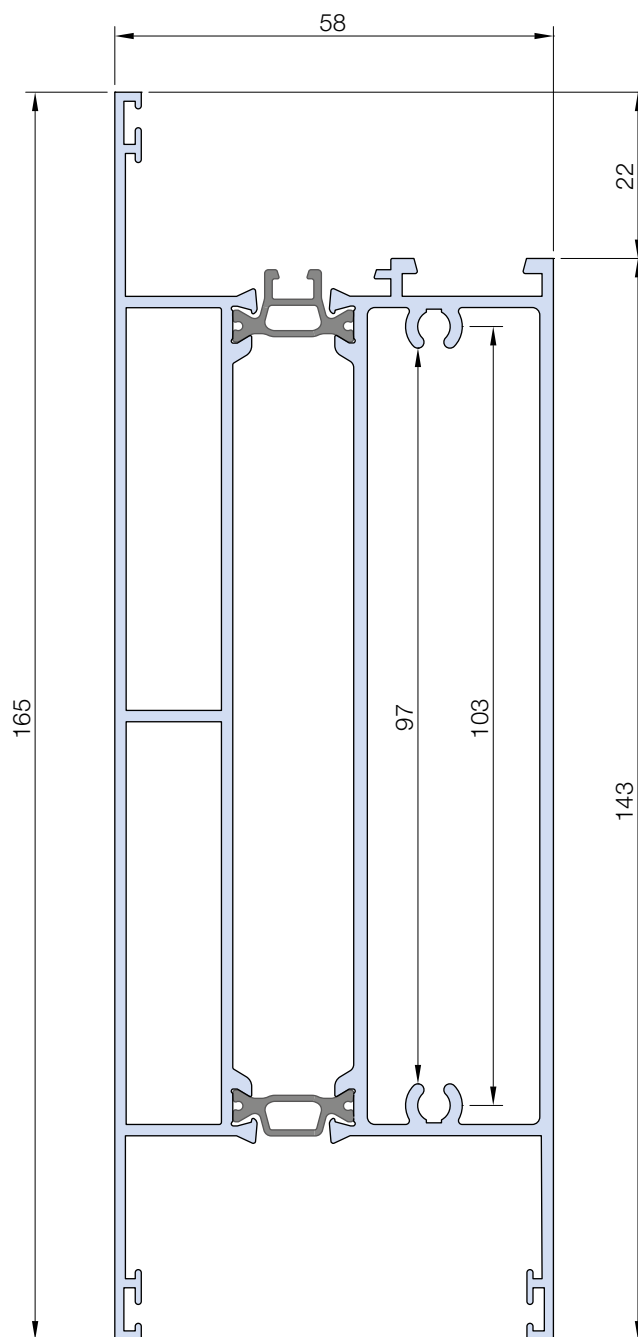
2263 g/m

SAGOMARIO
Profile representation



TT 51841

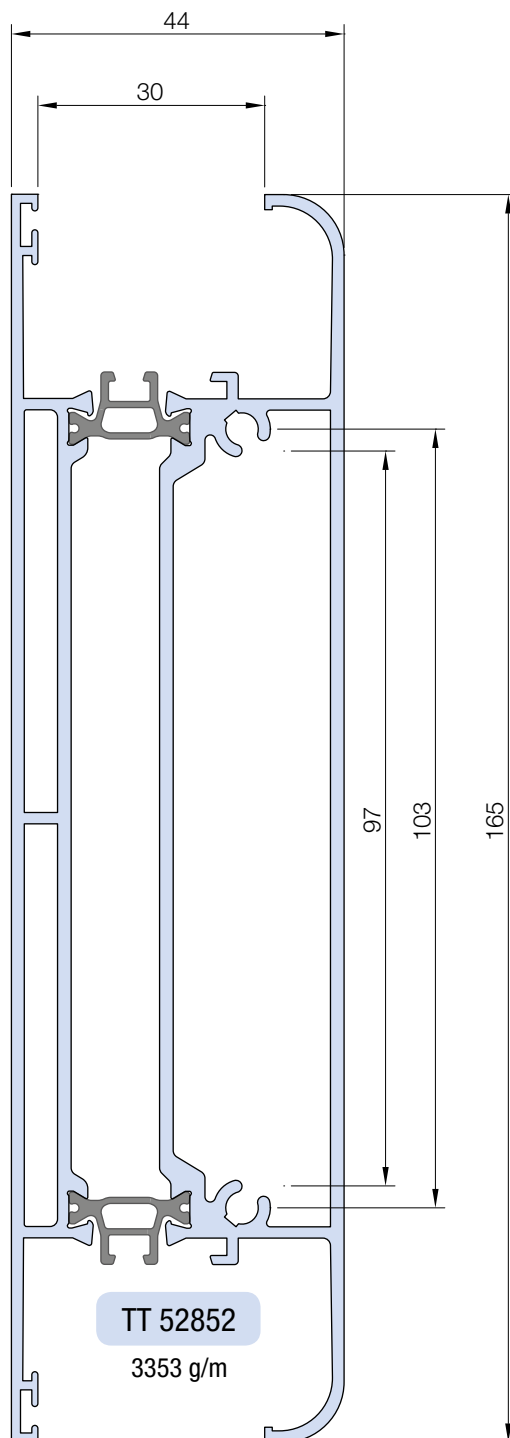
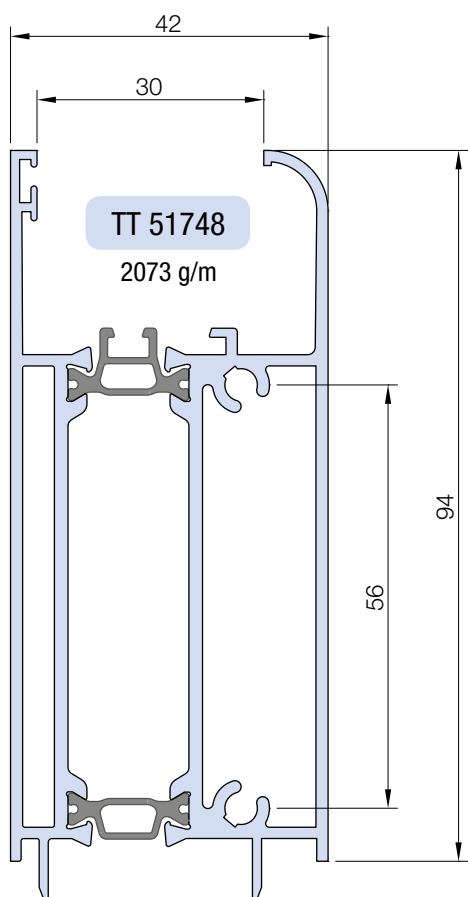
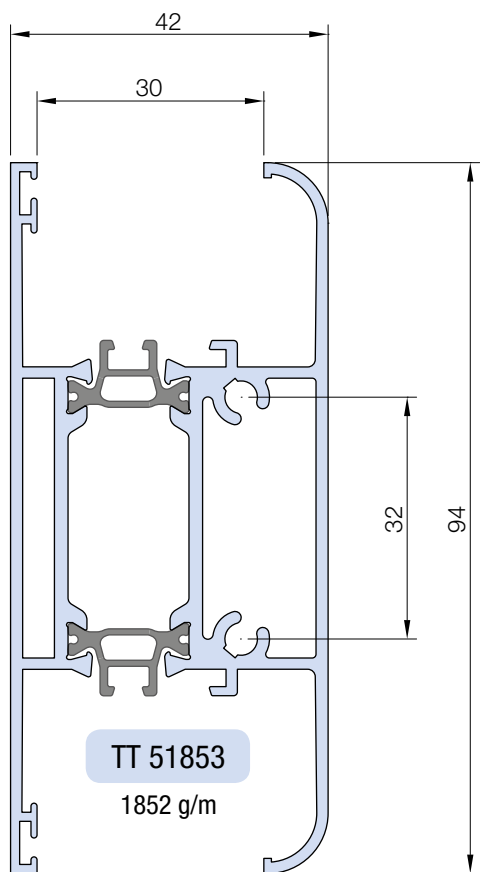
3175 g/m



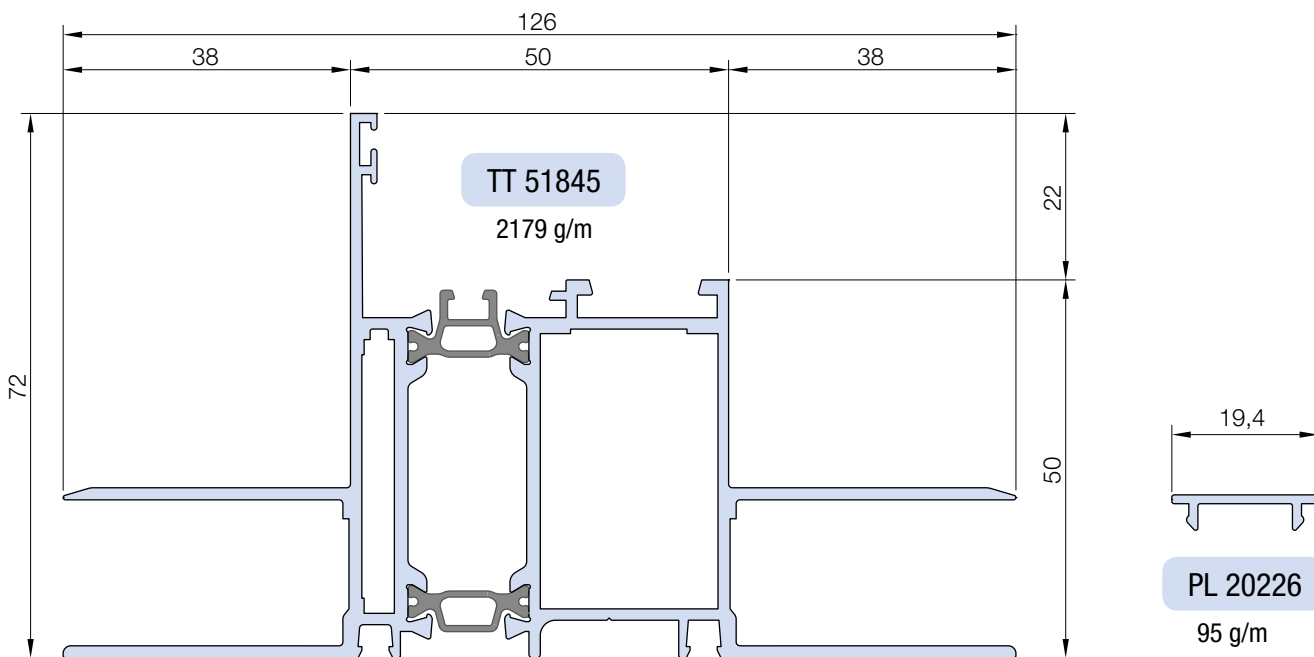
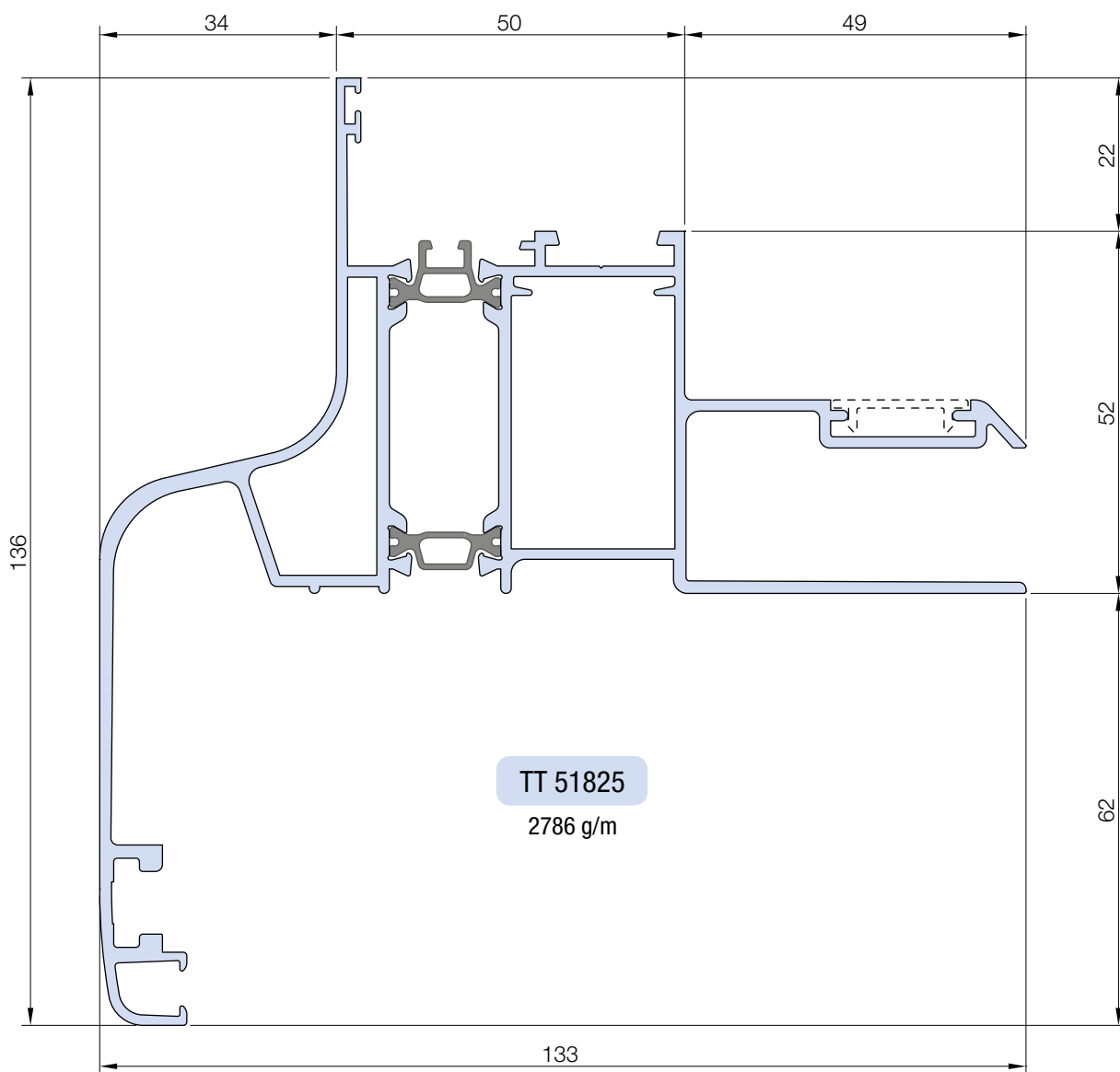
TT 51859

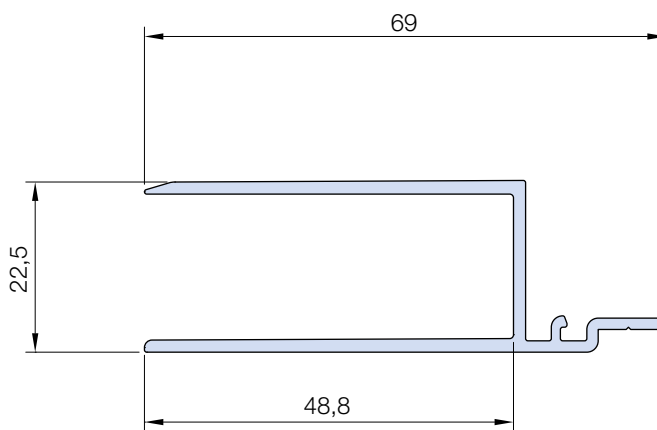
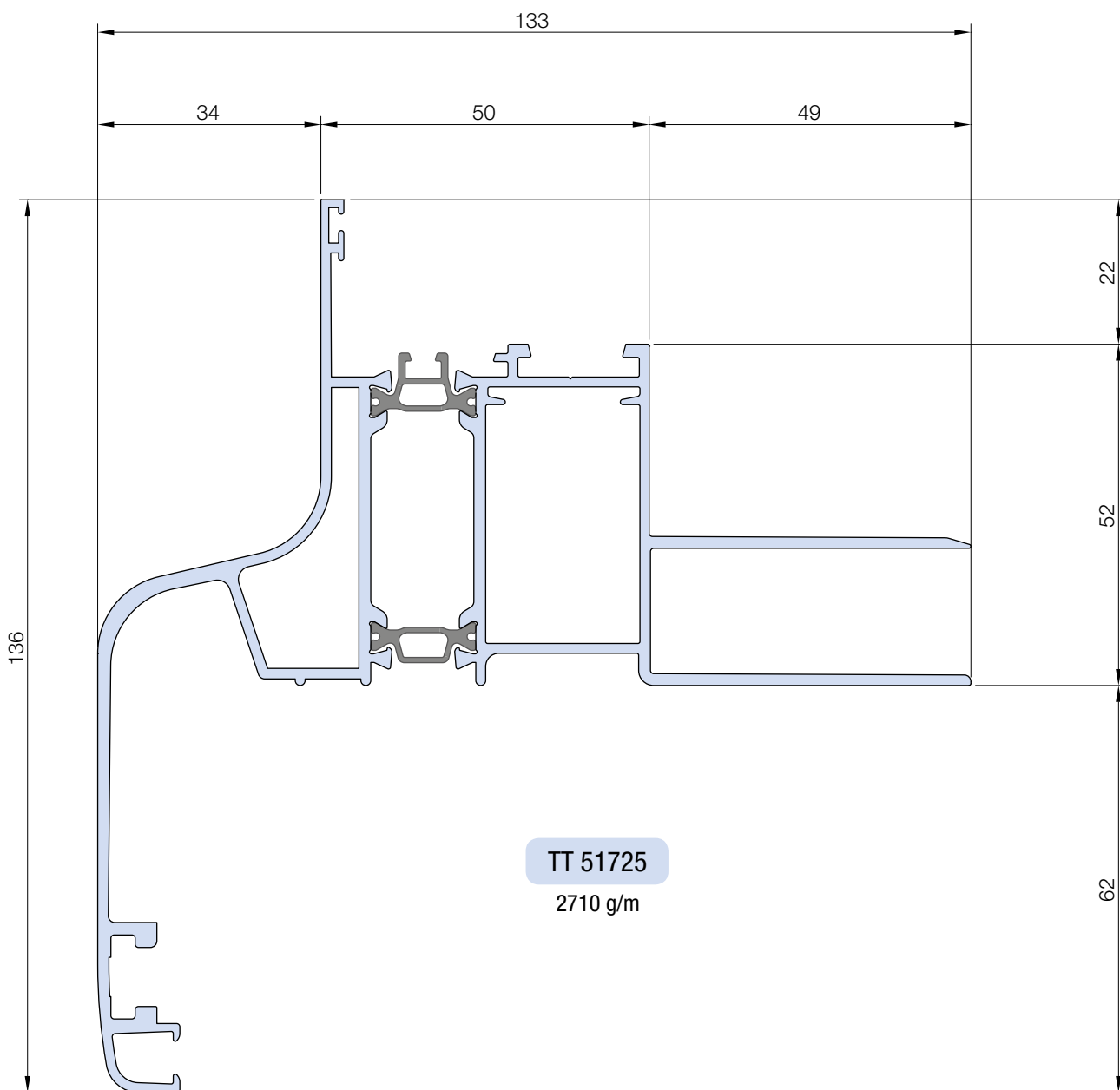
3268 g/m

SAGOMARIO
Profile representation

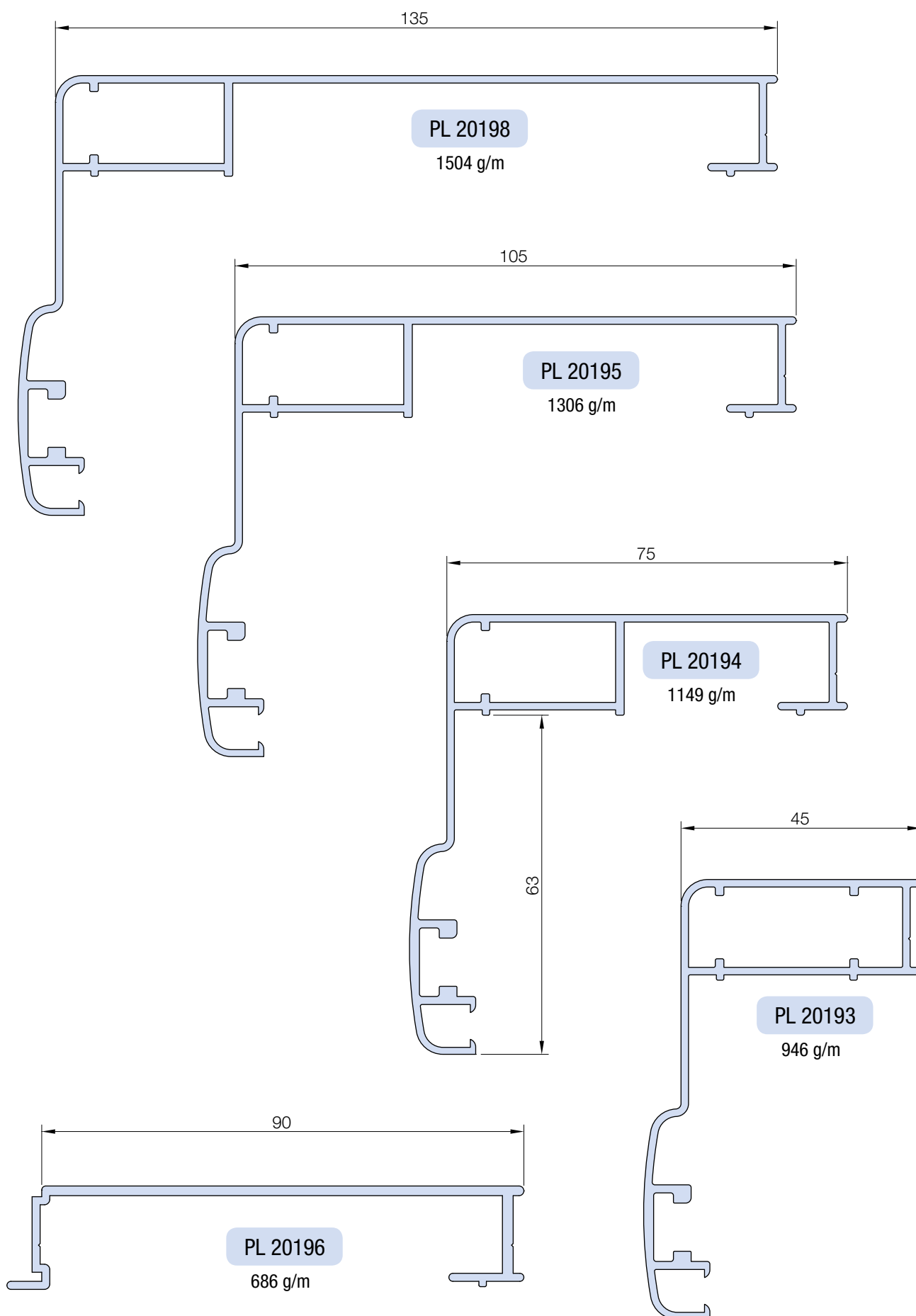


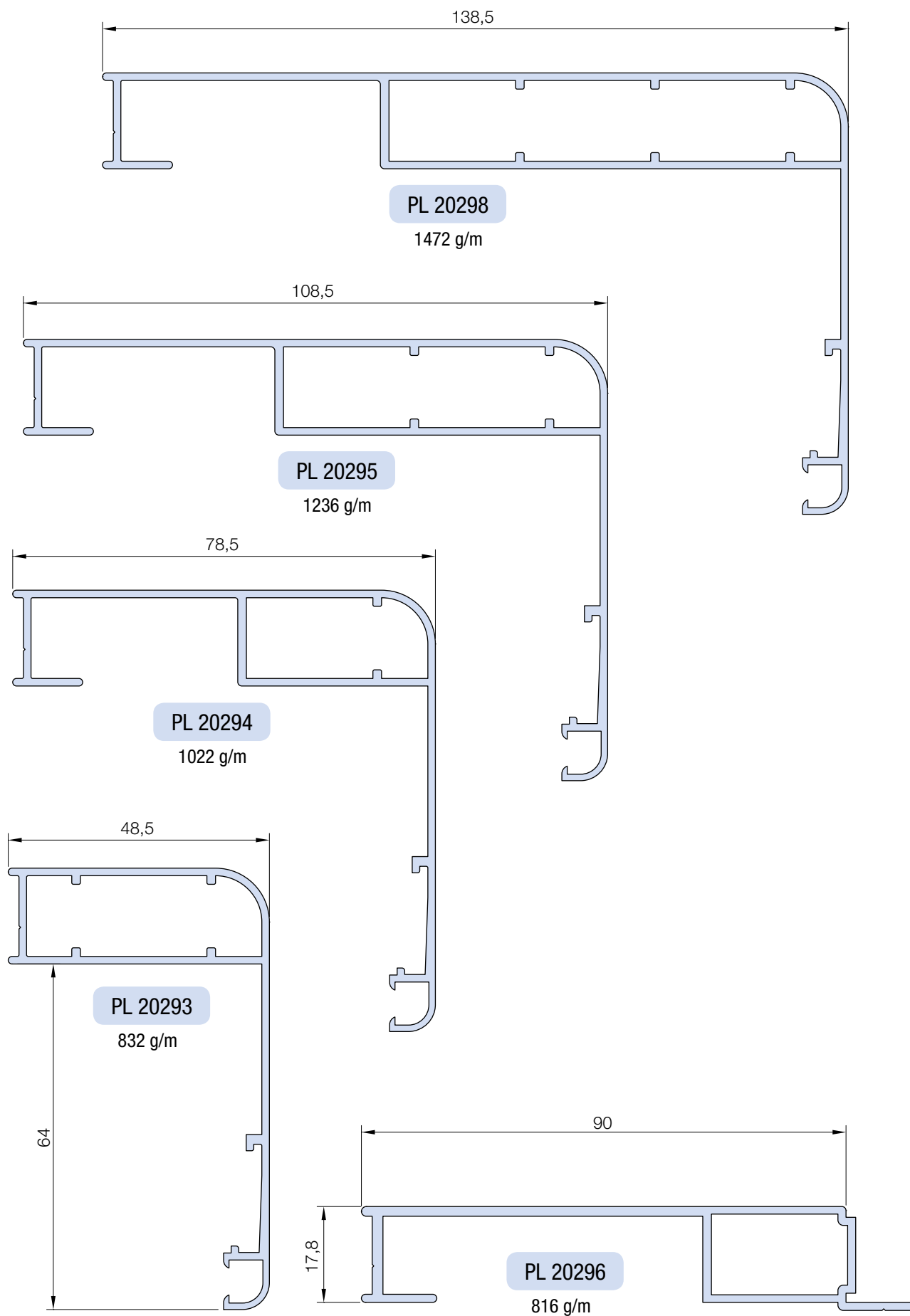
SAGOMARIO
Profile representation

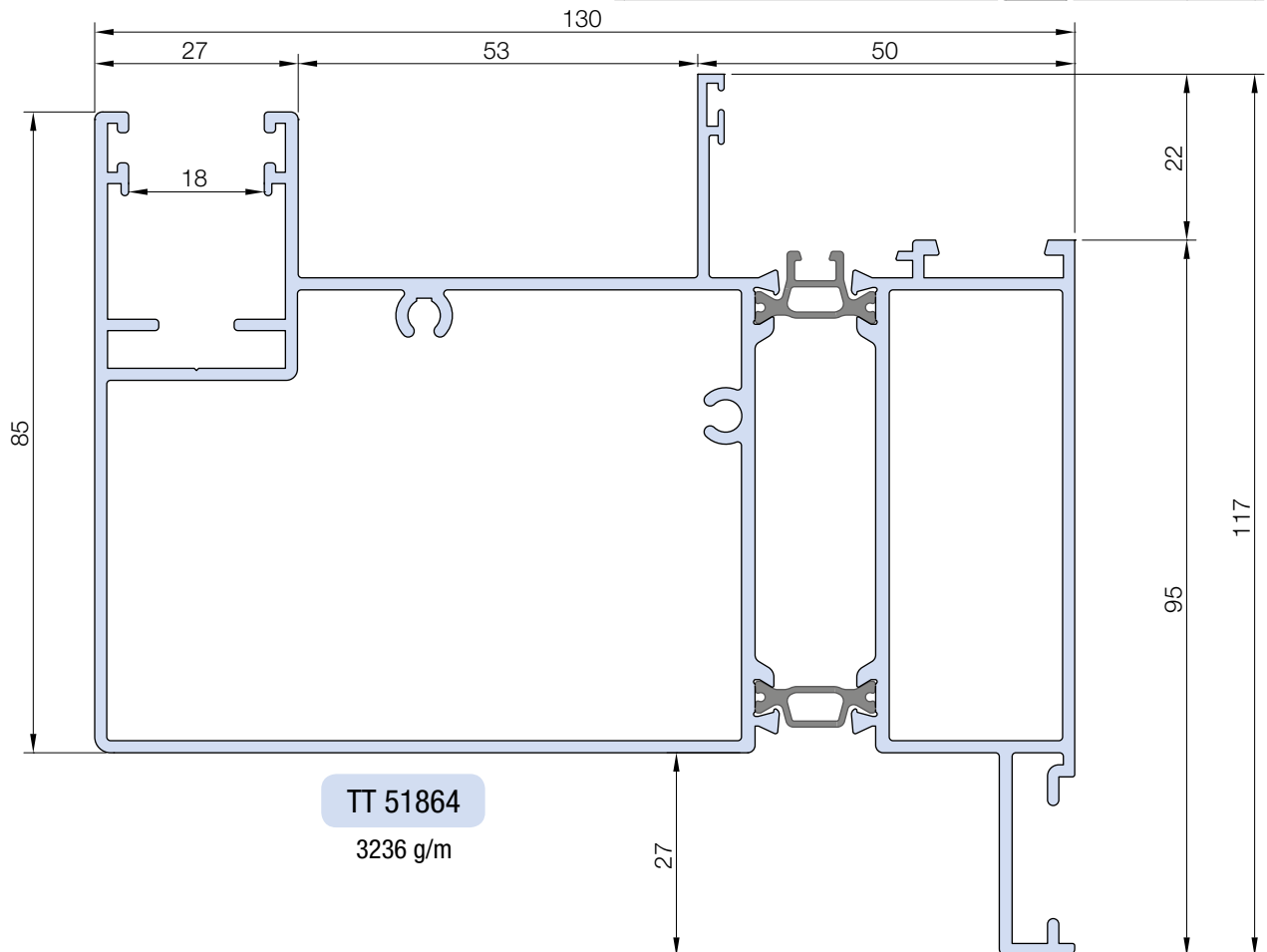
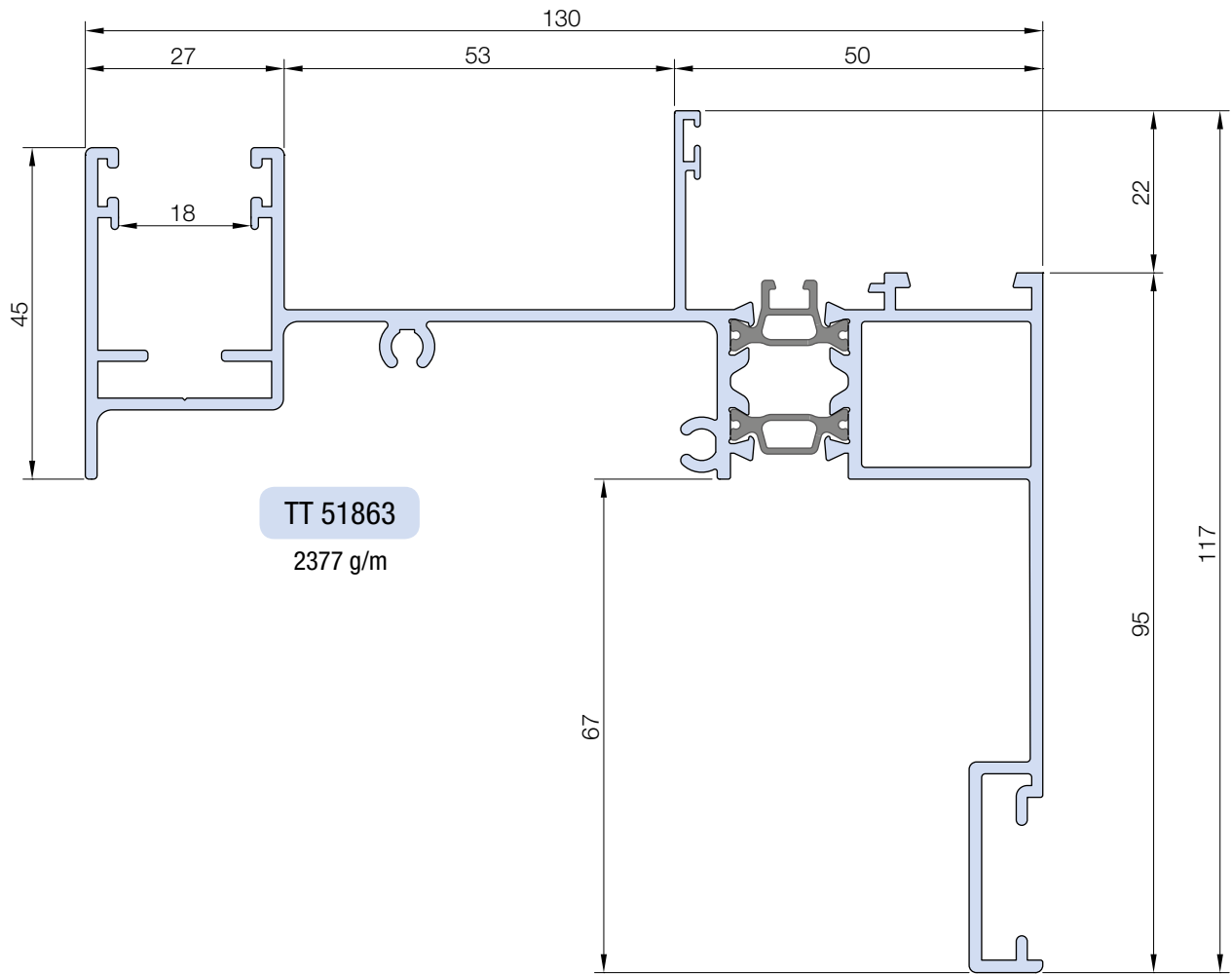




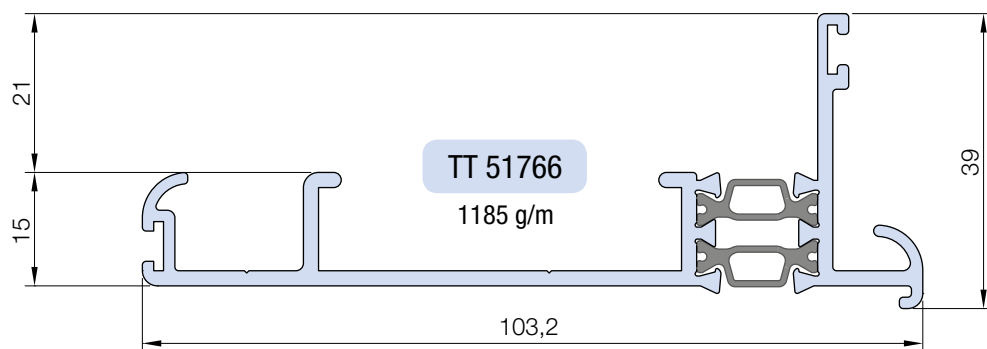
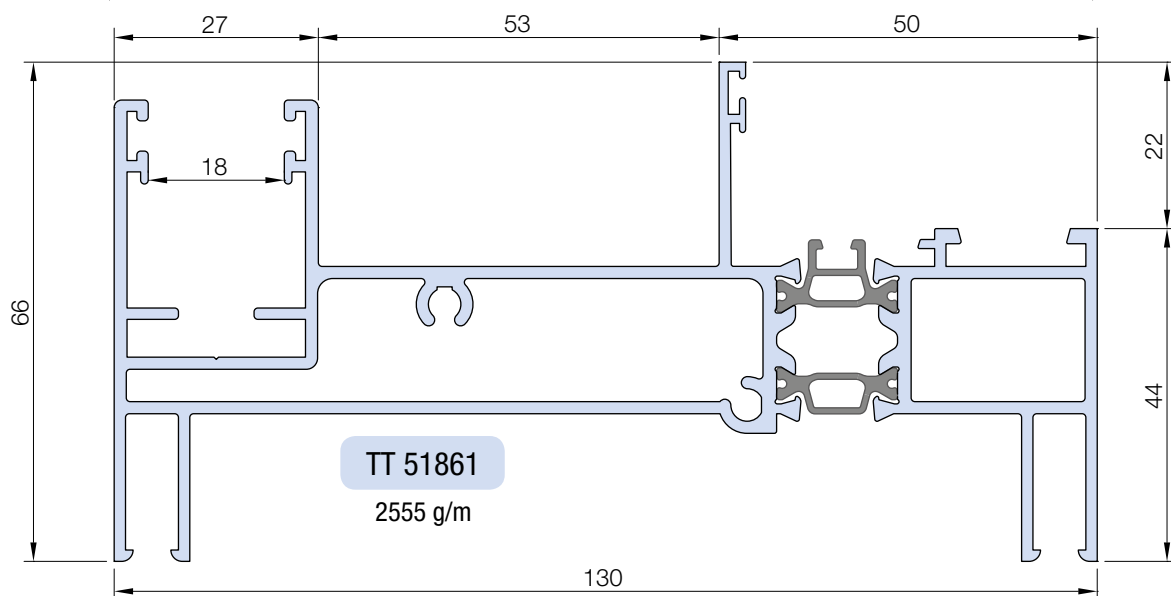
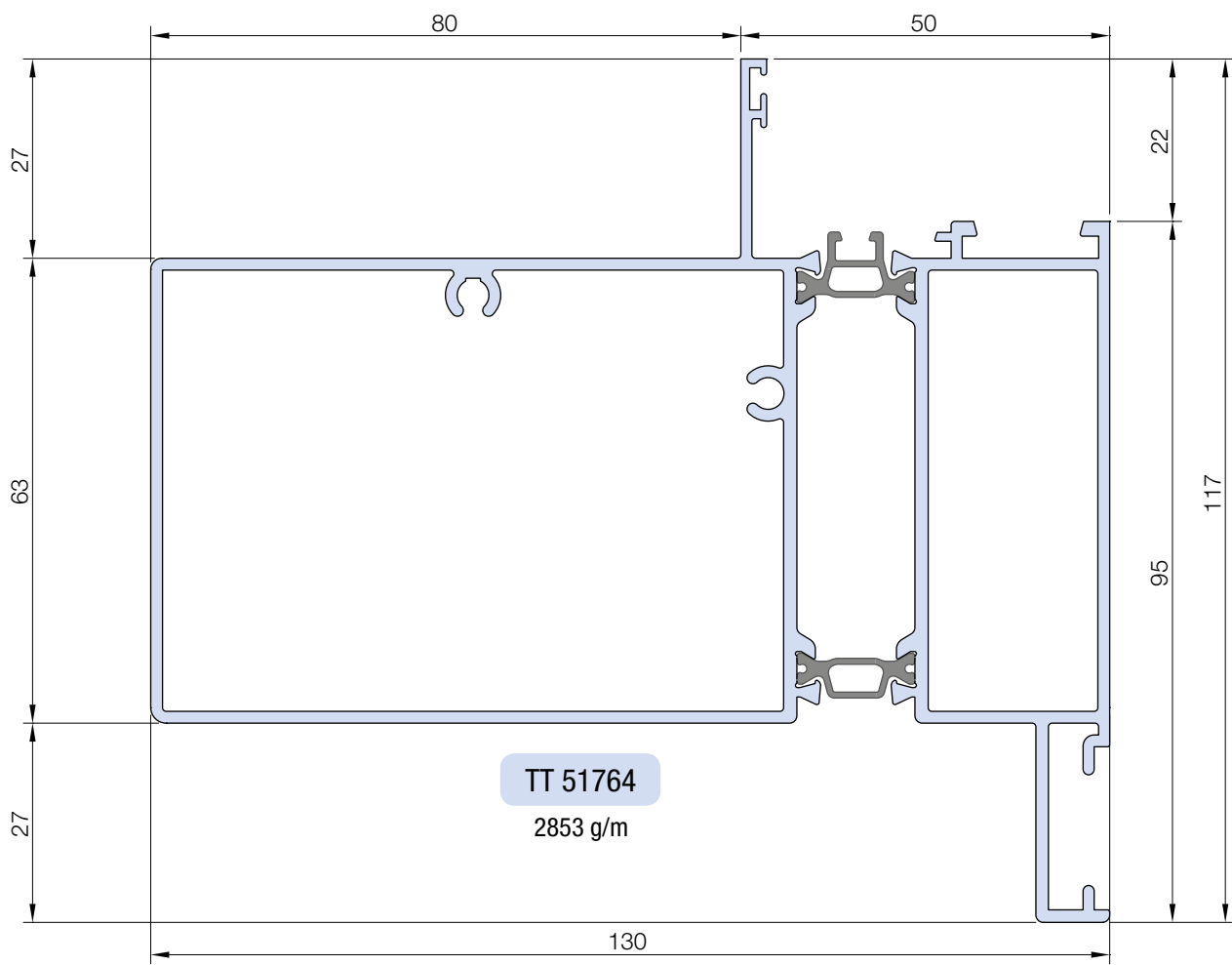
PL 20192
636 g/m



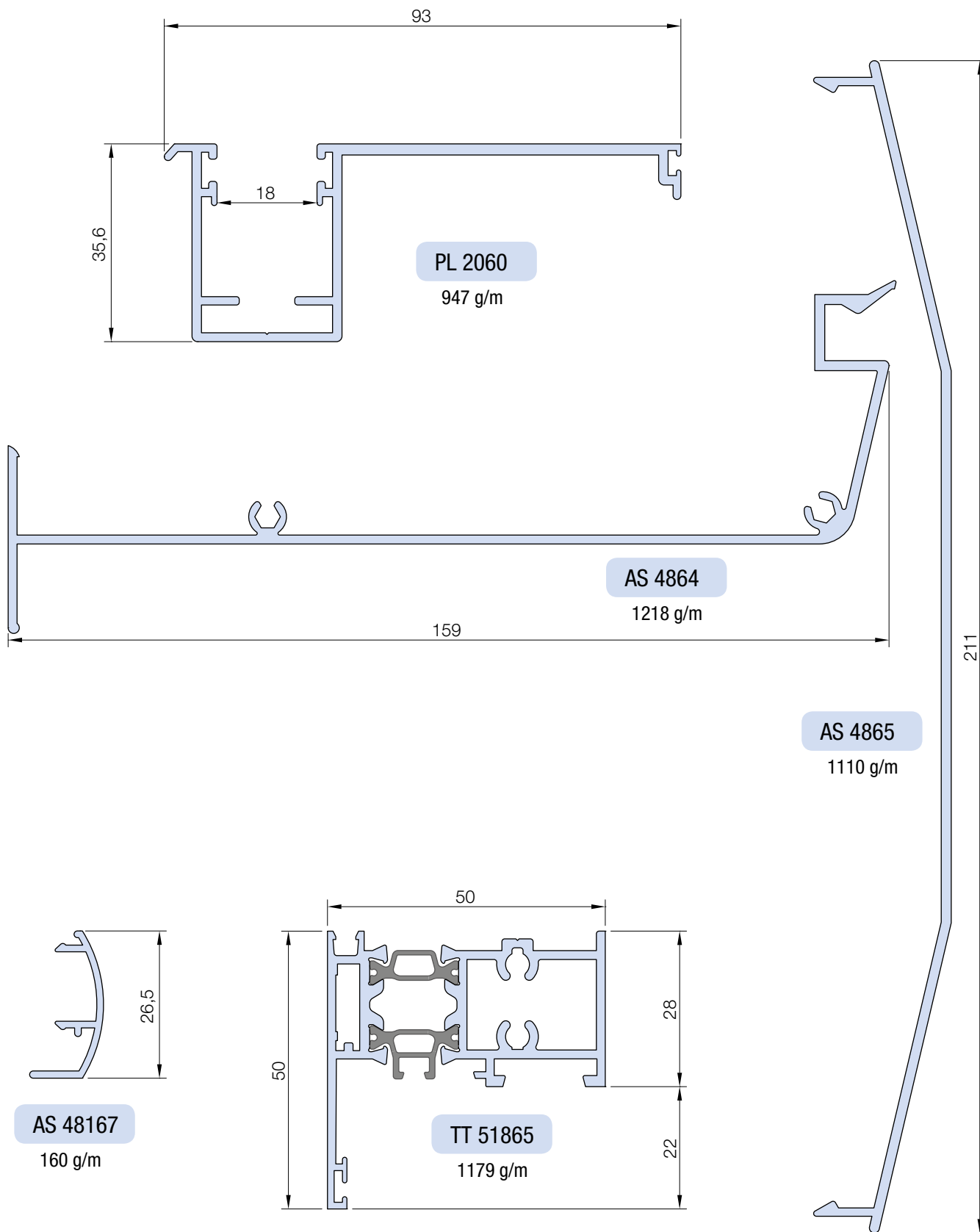


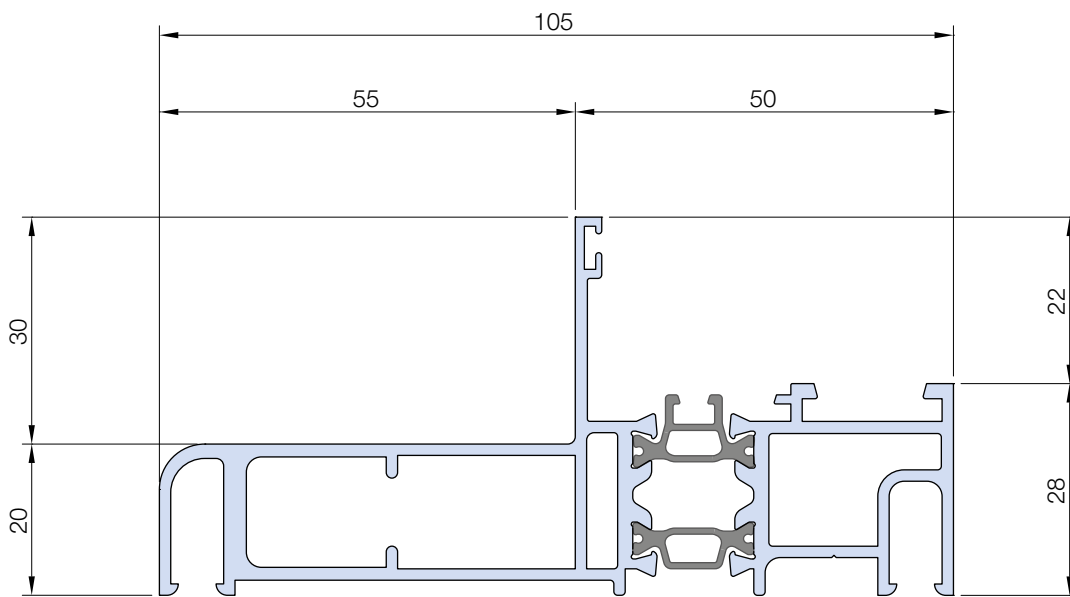


SAGOMARIO
Profile representation



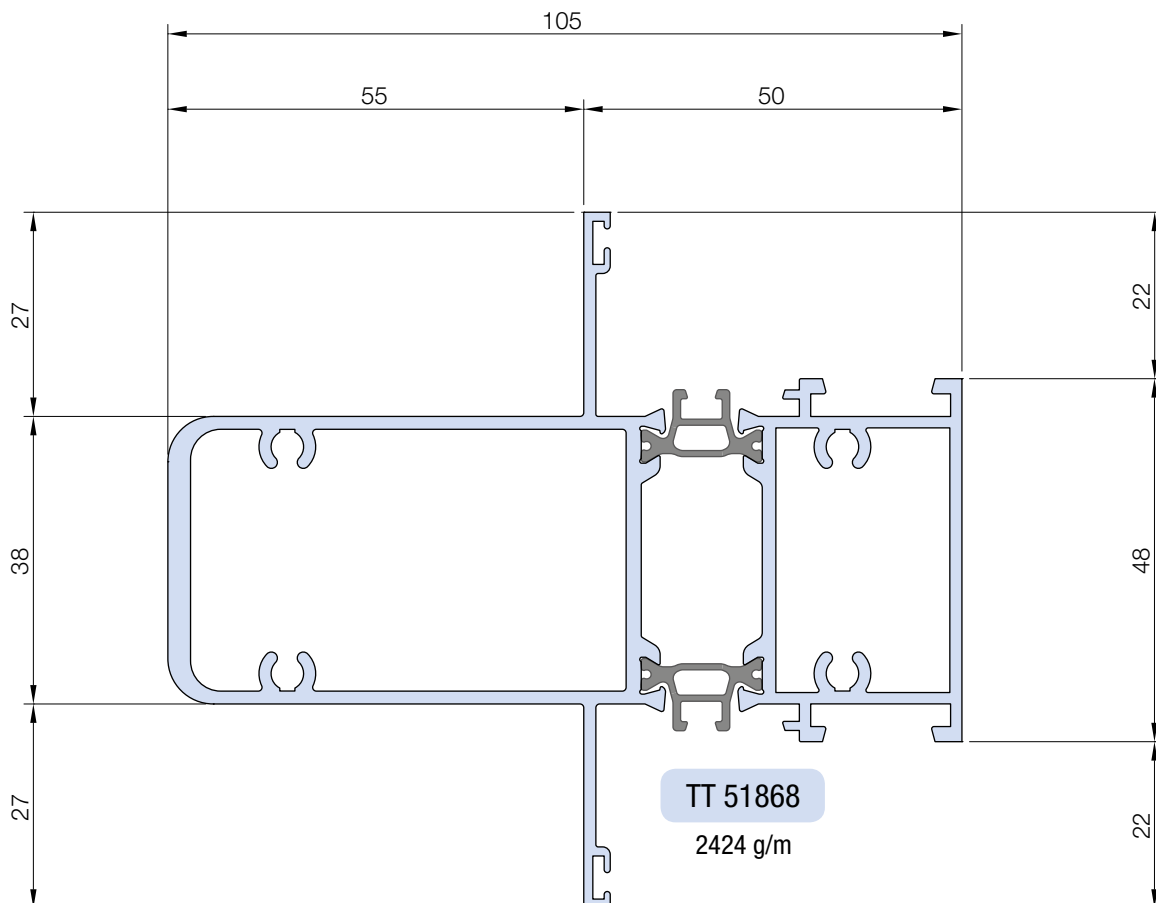
SAGOMARIO
Profile representation





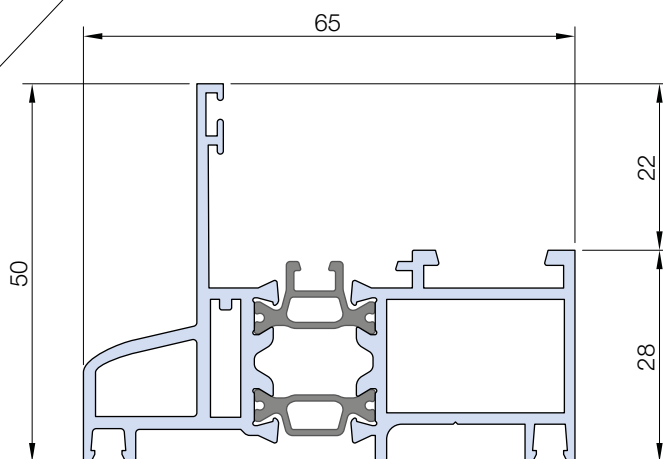
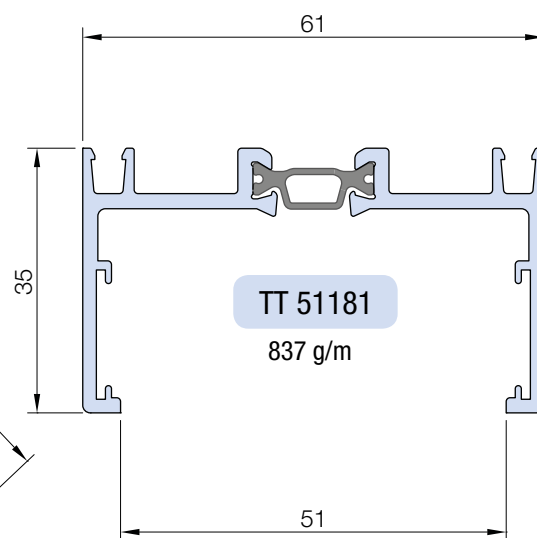
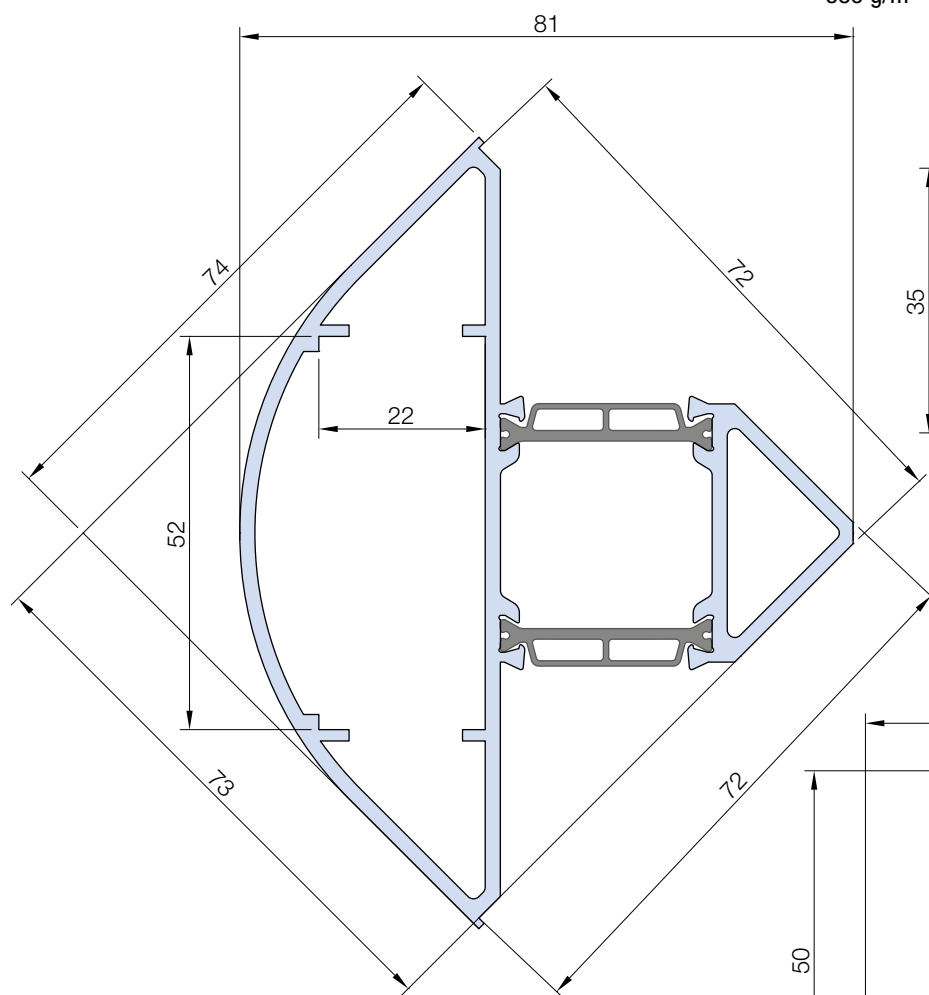
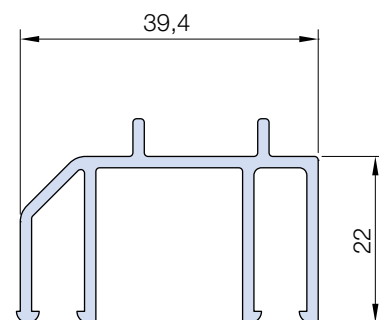
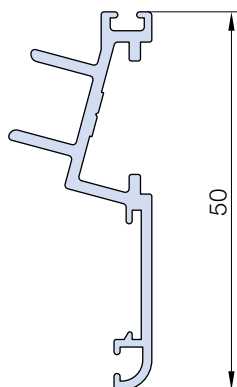
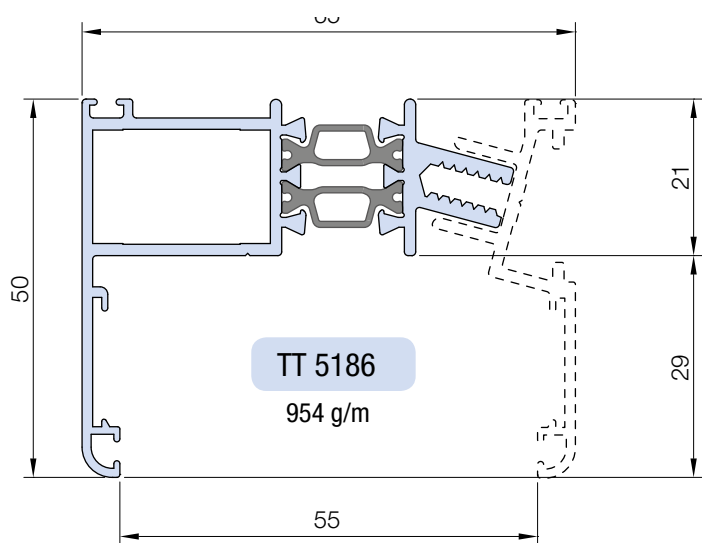
TT 51869

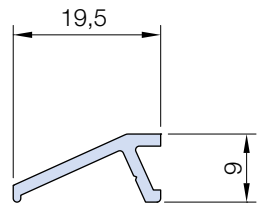
1829 g/m



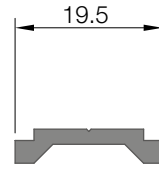
TT 51868

2424 g/m

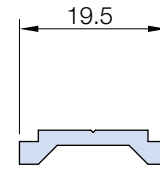




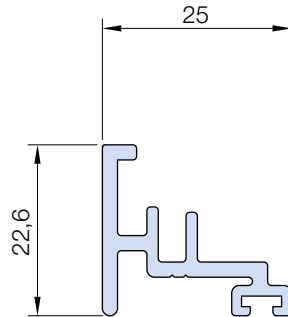
PL 20100
129 g/m



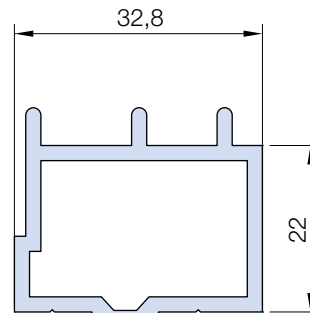
TAC 1000
astina in poliammide
rotolo 250m



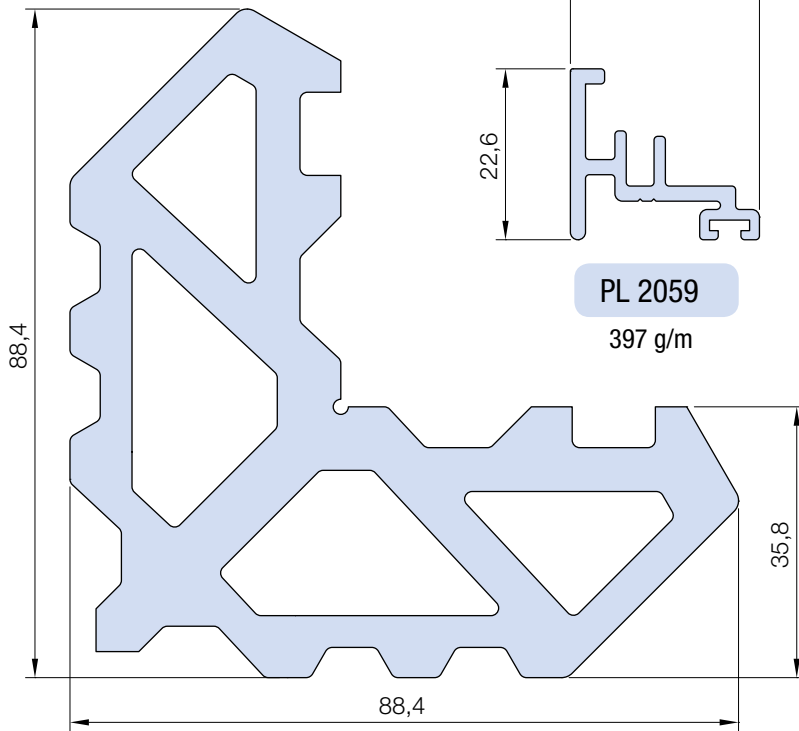
AS 1000
astina in alluminio
119 g/m



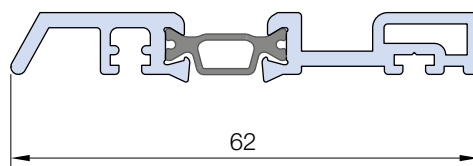
PL 2059
397 g/m



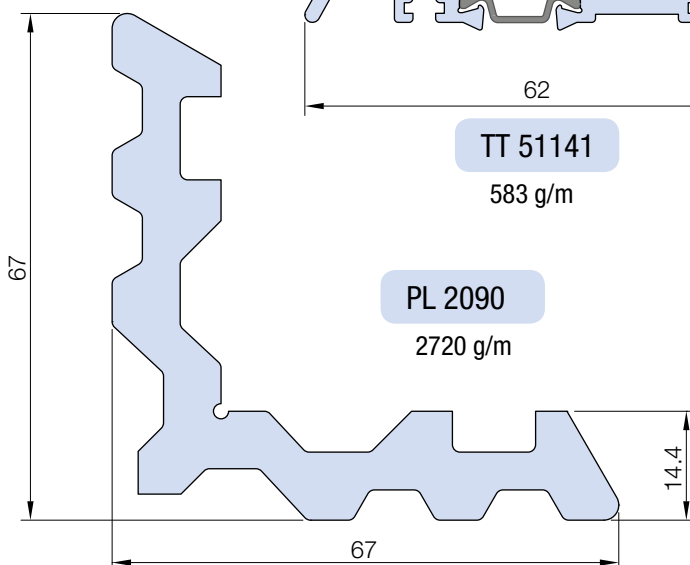
PL 2055
672 g/m



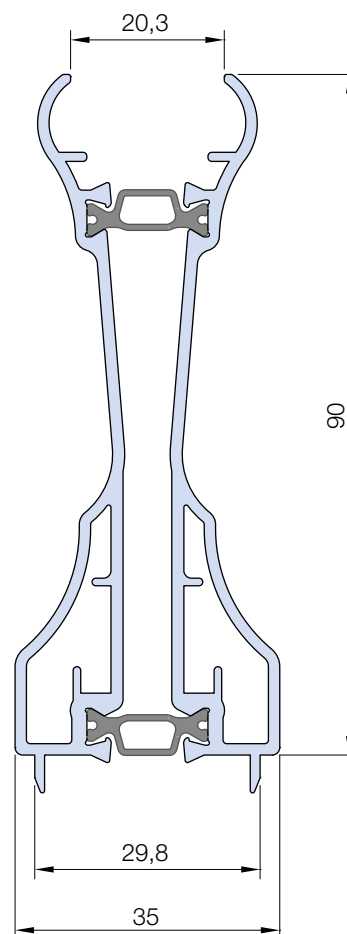
PL 2084
6461 g/m



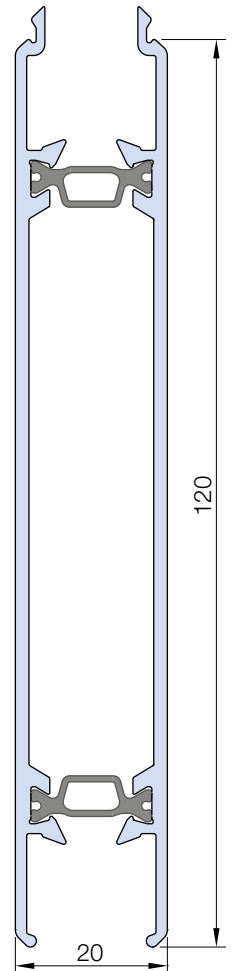
TT 51141
583 g/m



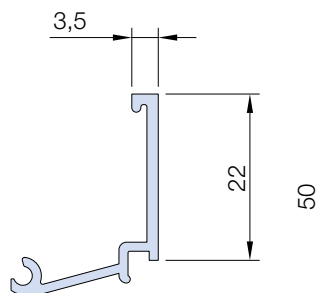
PL 2090
2720 g/m



TT 51879
1653 g/m

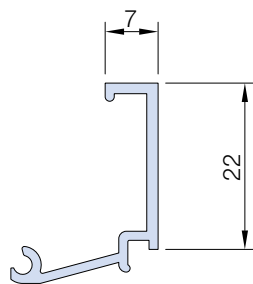


TT 51880
1464 g/m



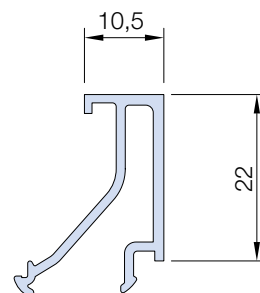
PL 1404*

190 gr/m



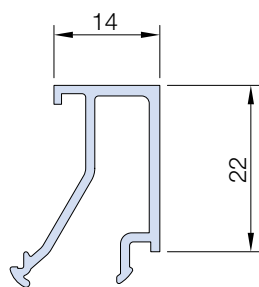
PL 1407*

206 gr/m



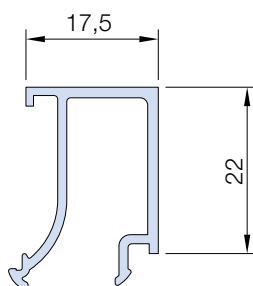
PL 1411

252 gr/m



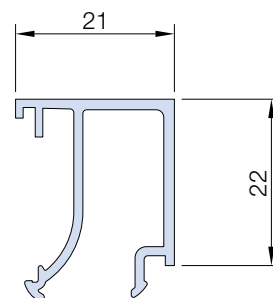
PL 1414

257 gr/m



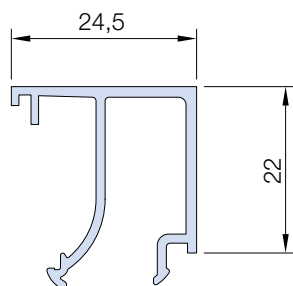
PL 1418

268 gr/m



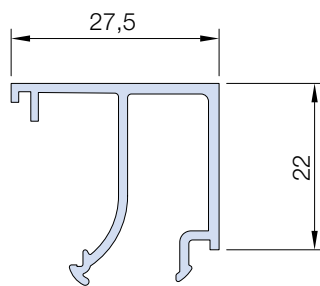
PL 1421

290 gr/m



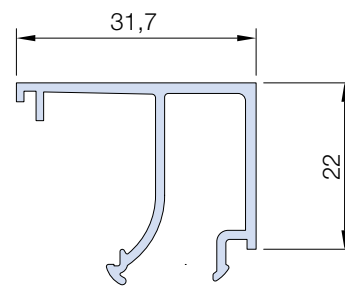
PL 1425

304 gr/m



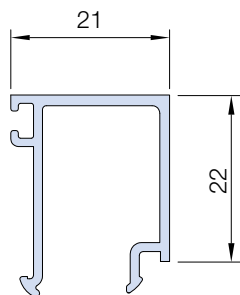
PL 1428

312 gr/m



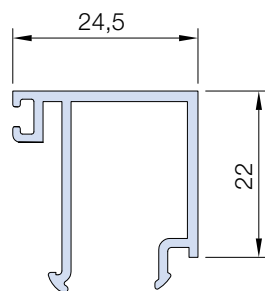
PL 1432

331 gr/m



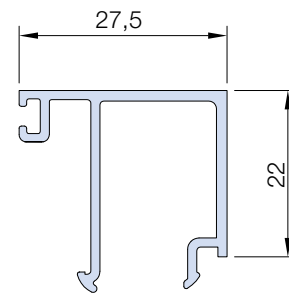
PL 14121

280 gr/m



PL 14125

313 gr/m

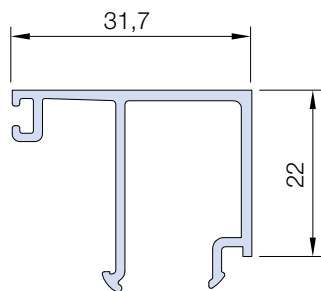


PL 14128

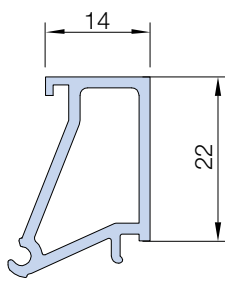
323 gr/m

* UTILIZZARE SEMPRE GOMMINO ACP 5027

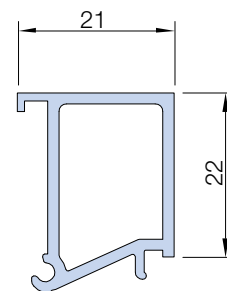
* Always use rubber strip ACP 5027

**PL 14132**

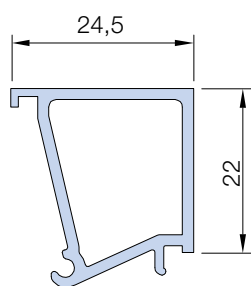
338 gr/m

**PL 14214***

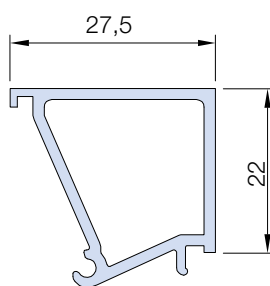
329 g/m

**PL 14221***

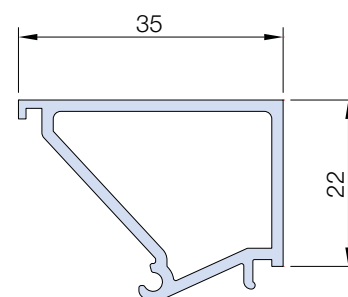
353 g/m

**PL 14225***

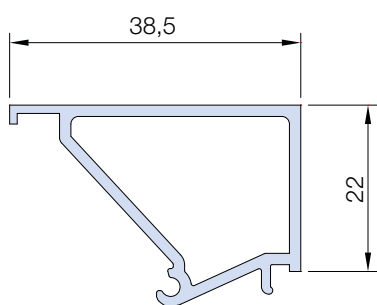
370 g/m

**PL 14228***

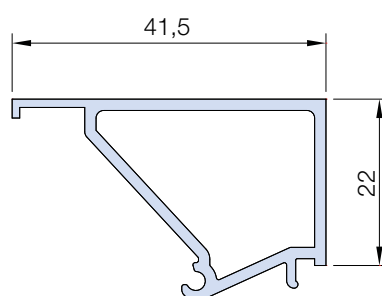
389 g/m

**PL 1435***

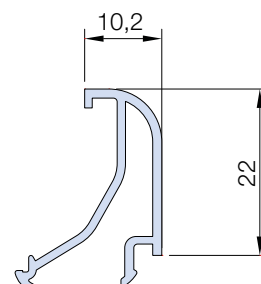
434 g/m

**PL 1439***

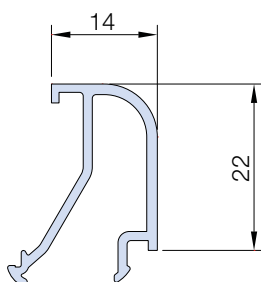
445 gr/m

**PL 1442***

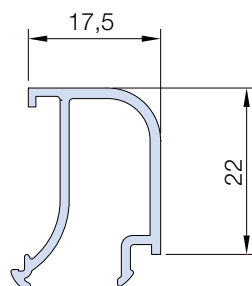
454 gr/m

**PL 1511**

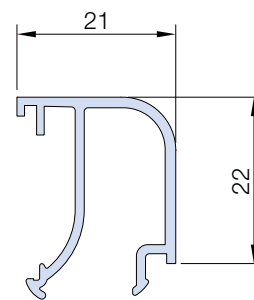
238 gr/m

**PL 1514**

247 gr/m

**PL 1518**

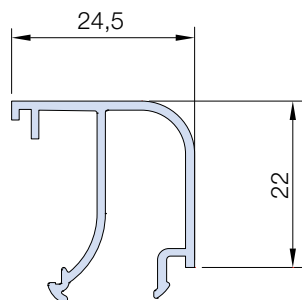
257 gr/m

**PL 1521**

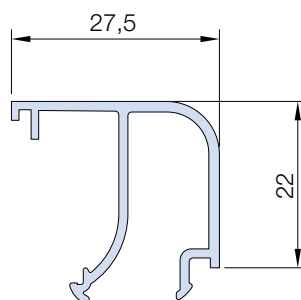
279 gr/m

* UTILIZZARE SEMPRE GOMMINO ACP 5027

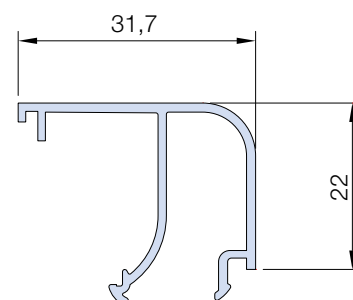
* Always use rubber strip ACP 5027



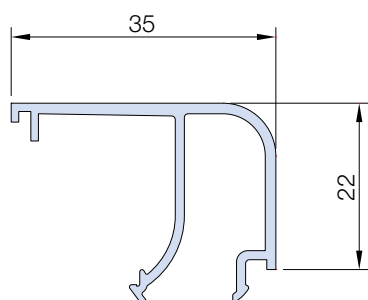
PL 1525
290 gr/m



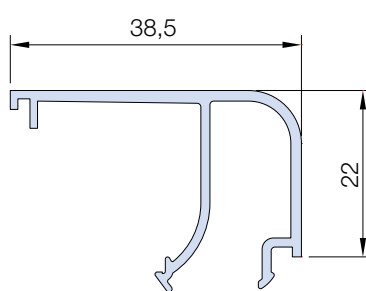
PL 1528
301 gr/m



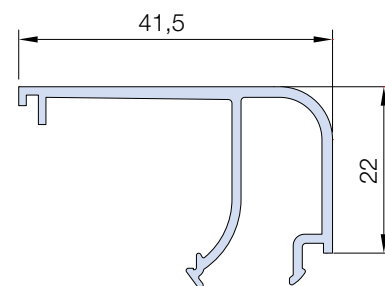
PL 1532
317 gr/m



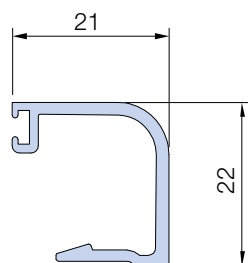
PL 1535
337 gr/m



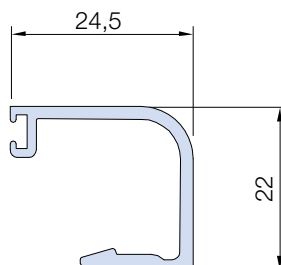
PL 1539
352 gr/m



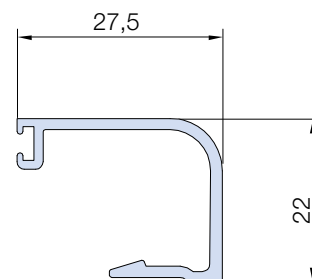
PL 1542
365 gr/m



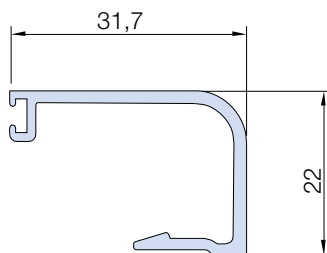
PL 15221*
259 g/m



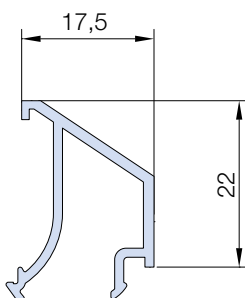
PL 15225*
0,275 g/m



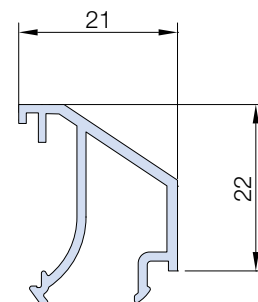
PL 15228*
272 g/m



PL 15232*
305 g/m



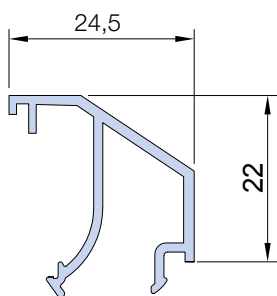
PL 1818
236 gr/m



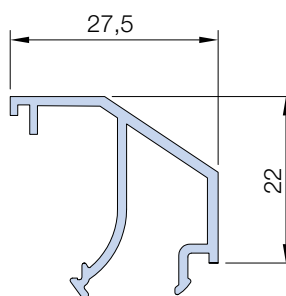
PL 1821
258 gr/m

SAGOMARIO
Profile representation

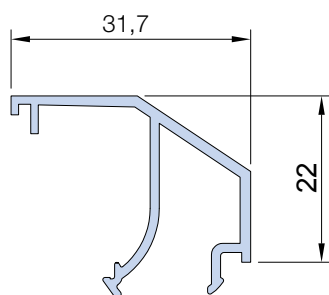
* UTILIZZARE SEMPRE CLIP ACP 50122
* Always use clip ACP 50122



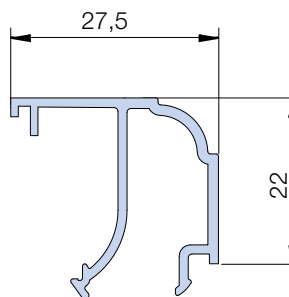
PL 1825
270 gr/m



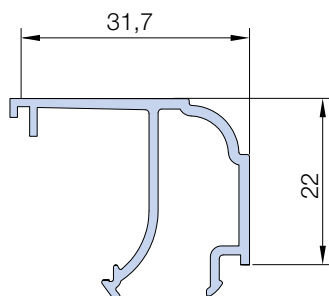
PL 1828
279 gr/m



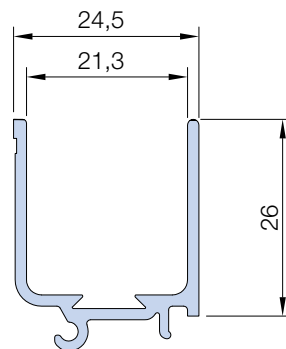
PL 1832
296 gr/m



PL 1928
298 gr/m

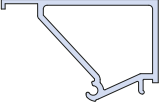
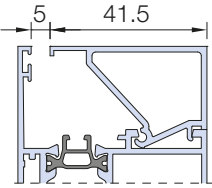
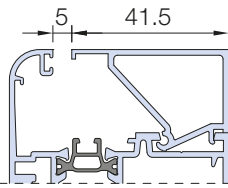
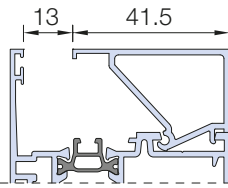
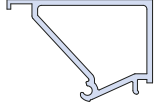
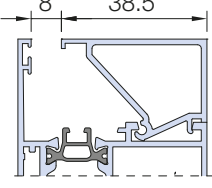
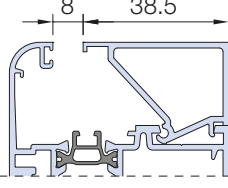
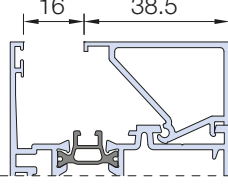
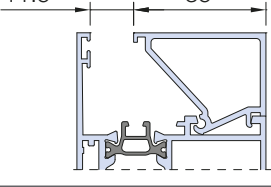
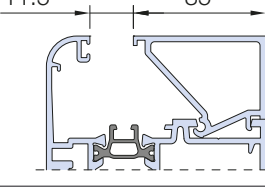
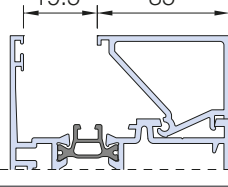
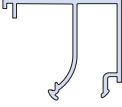
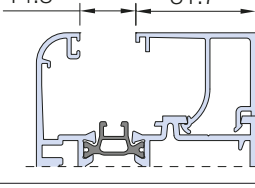
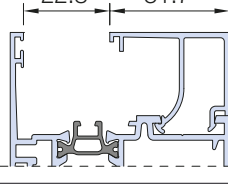
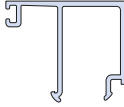
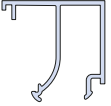
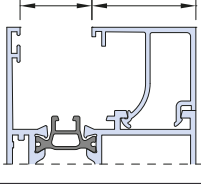
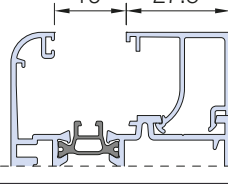
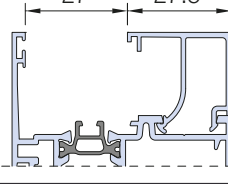
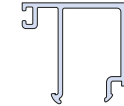
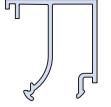
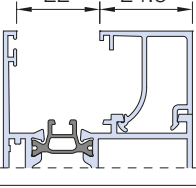
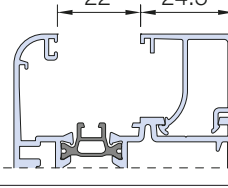
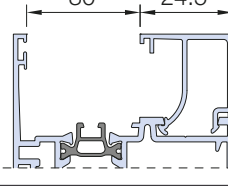
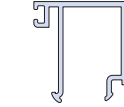
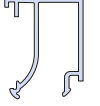
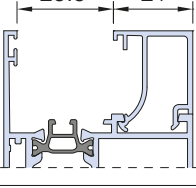
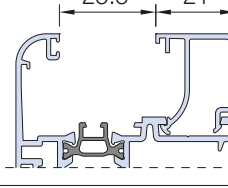
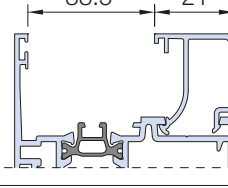
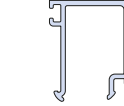

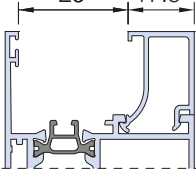
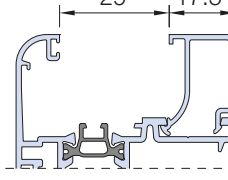
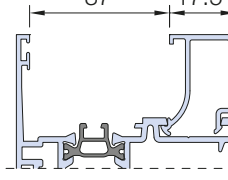


PL 1932
317 gr/m



PL 1325*
348 gr/m

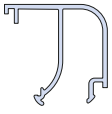
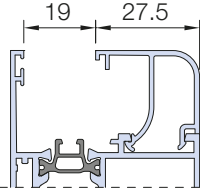
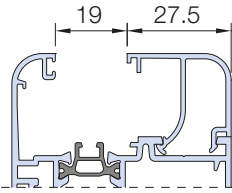
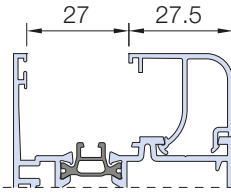
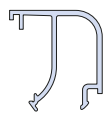
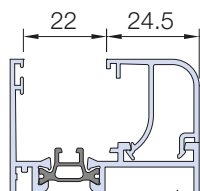
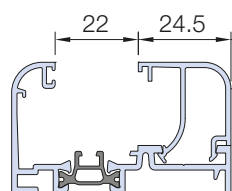
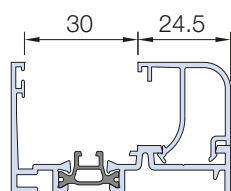
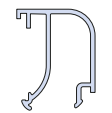
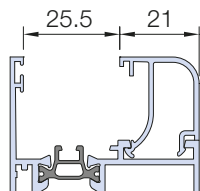
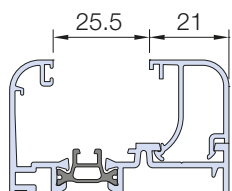
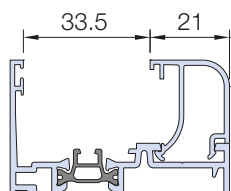
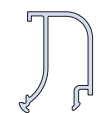
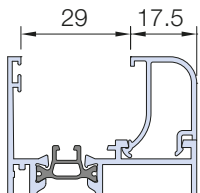
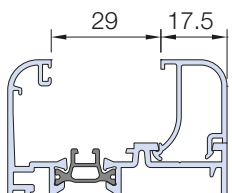
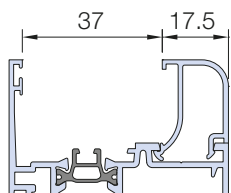

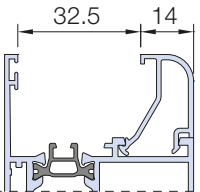
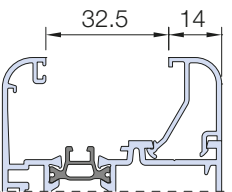
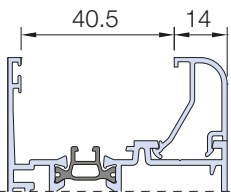

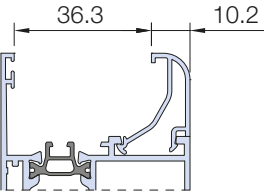
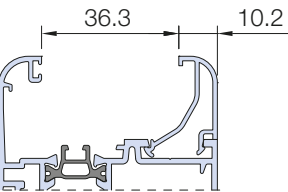
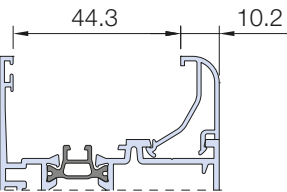
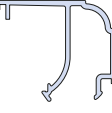
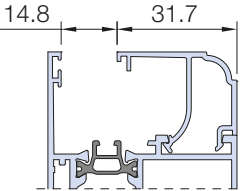
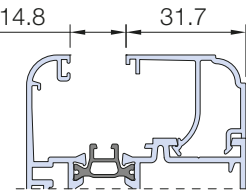
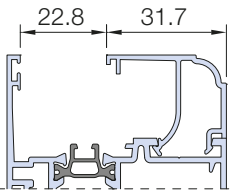
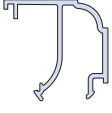
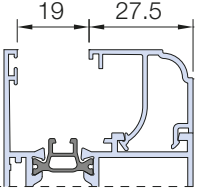
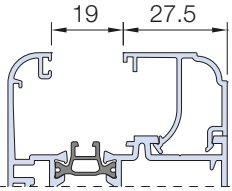
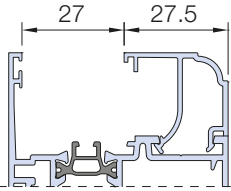
* UTILIZZARE SEMPRE CLIP ACP 50122
* Always use clip ACP 50122

Fermavetro	Telaio TT 51802	Anta TT 51812	Anta TT 51811
 PL 1442	 5 41.5	 5 41.5	 13 41.5
 PL 1439	 8 38.5	 8 38.5	 16 38.5
 PL 1435	 11.5 35	 11.5 35	 19.5 35
 PL 1432	 14.8 31.7	 14.8 31.7	 22.8 31.7
 PL 14132			
 PL 1428	 19 27.5	 19 27.5	 27 27.5
 PL 14128			
 PL 1425	 22 24.5	 22 24.5	 30 24.5
 PL 14125			
 PL 1421	 25.5 21	 25.5 21	 33.5 21
 PL 14121			
 PL 1418	 29 17.5	 29 17.5	 37 17.5

VE TRAZIONI
Glazing

Fermavetro	Telaio TT 51802	Anta TT 51812	Anta TT 51811
<p>PL 1414</p>			
<p>PL 1411</p>			
<p>PL 1407</p>			
<p>PL 1404</p>			
<p>PL 1542</p>			
<p>PL 1539</p>			
<p>PL 1535</p>			
<p>PL 1532</p>			

VETRAZIONI
Design

Fermavetro	Telaio TT 51802	Anta TT 51812	Anta TT 51811
 PL 1528	 19 27.5	 19 27.5	 27 27.5
 PL 1525	 22 24.5	 22 24.5	 30 24.5
 PL 1521	 25.5 21	 25.5 21	 33.5 21
 PL 1518	 29 17.5	 29 17.5	 37 17.5
 PL 1514	 32.5 14	 32.5 14	 40.5 14
 PL 1511	 36.3 10.2	 36.3 10.2	 44.3 10.2
 PL 1932	 14.8 31.7	 14.8 31.7	 22.8 31.7
 PL 1928	 19 27.5	 19 27.5	 27 27.5

Fermavetro	Telaio TT 51802	Anta TT 51812	Anta TT 51811
<p>PL 1832</p>			
<p>PL 1828</p>			
<p>PL 1825</p>			
<p>PL 1821</p>			
<p>PL 1818</p>			
<p>PL 1325</p>			

AC 2001	Vite trilobata per ACP 50420/ACP 50454 <i>Trilobate screw for ACP 50420</i>
AC 2099	Tappino chiudi foro Ø11,5mm <i>Hole-closing ø11,5mm</i>
ACP 1000/50	Vite TORX testa cilindrica T30 7,5x50 <i>Screw with socket head</i>
ACP 1000/70	Vite TORX testa cilindrica T30 7,5x70 <i>Screw with socket head</i>
ACP 1000/80	Vite TORX testa cilindrica T30 7,5x80 <i>Screw with socket head</i>
ACP 1000/90	Vite TORX testa cilindrica T30 7,5x90 <i>Screw with socket head</i>
ACP 1000/100	Vite TORX testa cilindrica T30 7,5x100 <i>Screw with socket head</i>
ACP 1000/110	Vite TORX testa cilindrica T30 7,5x110 <i>Screw with socket head</i>
ACP 1000/120	Vite TORX testa cilindrica T30 7,5x120 <i>Screw with socket head</i>
ACP 1000/130	Vite TORX testa cilindrica T30 7,5x130 <i>Screw with socket head</i>
ACP 1000/150	Vite TORX testa cilindrica T30 7,5x150 <i>Screw with socket head</i>
ACP 1000/180	Vite TORX testa cilindrica T30 7,5x180 <i>Screw with socket head</i>
ACP 1000/210	Vite TORX testa cilindrica T30 7,5x210 <i>Screw with socket head</i>
ACP 1001/50	Vite TORX testa svasata T30 7,5x50 <i>Countersunk screw</i>
ACP 1001/70	Vite TORX testa svasata T30 7,5x70 <i>Countersunk screw</i>
ACP 1001/80	Vite TORX testa svasata T30 7,5x80 <i>Countersunk screw</i>
ACP 1001/90	Vite TORX testa svasata T30 7,5x90 <i>Countersunk screw</i>
ACP 1001/100	Vite TORX testa svasata T30 7,5x100 <i>Countersunk screw</i>
ACP 1001/110	Vite TORX testa svasata T30 7,5x110 <i>Countersunk screw</i>
ACP 1001/120	Vite TORX testa svasata T30 7,5x120 <i>Countersunk screw</i>
ACP 1001/130	Vite TORX testa svasata T30 7,5x130 <i>Countersunk screw</i>

ACP 1001/150	^{THERMOPOSA} Vite TORX testa svasata T30 7,5x150 <i>Countersunk screw</i>
ACP 1001/180	^{THERMOPOSA} Vite TORX testa svasata T30 7,5x180 <i>Countersunk screw</i>
ACP 1001/210	^{THERMOPOSA} Vite TORX testa svasata T30 7,5x210 <i>Countersunk screw</i>
ACP 5001	Vite Ø8 per squadrette multifunzione ACP 7001 / 5801/ 5802 <i>Screw ø8 for multi-function corner cleat ACP 7001/ 5801/5802</i>
ACP 5002	Squadretta 23X14mm a pulsante Ø10mm strong – filettata <i>Corner bracket 23x14mm with push-button ø10mm strong - threaded</i>
ACP 5005	Cerniera premontata, per telai piani <i>Hinge for flat frames</i>
ACP 5005D	Cerniera premontata destra, per telai piani <i>Right hinge for flat frames</i>
ACP 5005S	Cerniera premontata sinistra, per telai piani <i>Left hinge for flat frames</i>
ACP 5006	Cerniera 3 ali componenti inox e piastrini premontati, per telai piani <i>3-wings hinge for flat frames, stainless steel components and pre-assembled plates</i>
ACP 5007	Cerniera 3a anta componenti inox e piastrini premontati, usare 1 coppia hmax=1800mm per h oltre 1800mm inserire la 3a cerniera <i>3rd leaf hinge. Use a pair of hinge for hmax=1800mm, 3 hinges for h>1800mm</i>
ACP 5007D	Cerniera 3a anta premontata destra, usare 1 coppia hmax=1800mm per h oltre 1800mm inserire la 3a cerniera <i>3rd leaf hinge, inox component and preassembled plate DX. Use a pair of hinge for hmax=1800mm, 3 hinges for h> 1800mm</i>
ACP 5007S	Cerniera 3a anta premontata sinistra, usare 1 coppia hmax=1800mm per h oltre 1800mm inserire la 3a cerniera <i>3rd leaf hinge, inox component and preassembled plate SX. Use a pair of hinge for hmax=1800mm, 3 hinges for h> 1800mm</i>
ACP 5008	Squadretta allineamento in acciaio inox <i>Alignment corner joint, stainless steel</i>
ACP 5010	Cerniera vasistas doppio scatto <i>Hinge, double snap for bottom hung open in</i>
ACP 5011	Bracci sporgere telescopici a coppie <i>Top-hinged telescopic arms for projected windows</i>
ACP 5012	Cerniera vasistas scatto singolo <i>Hinge, single snap for bottom hung open in</i>
ACP 5013	Cricchetto vasistas in alluminio <i>Awning/hopper window</i>
ACP 5014	Angolino fermavetro tondo <i>Round glazing bead angle</i>
ACP 5016	Braccio sganciabile inox <i>Stainless steel releasable arm</i>
ACP 5017	Cricchetto vasistas applicazione rapida in alluminio <i>Awning/hopper window quick fitting finger catch</i>
ACP 5019	Riscontro 3a chiusura <i>Keeper for 3rd locking piece</i>

ACP 5021	Kit 3a chiusura registrabile <i>3rd adjustable locking piece kit</i>
ACP 5022	Catenacciolo in nylon <i>Bolt</i>
ACP 5024	Incontro asta doppio in zama <i>Zamak keeper double rod</i>
ACP 5025	Terminale asta in nylon <i>Rod terminal</i>
ACP 5026	Piastrina sostegno anta <i>Plastic support for leaf</i>
ACP 5027	Gommino di bloccaggio per fermavetri a contrasto <i>Glazing bead locking rubber strip for PL 1404 and PL 1407 and tubulars</i>
ACP 5030	Spina Ø3mm per squadrette ACP 50153 e ACP 50154 con manico <i>Pin ø3mm with grip for ACP 62153 and ACP 62154 multifunction corner cleats</i>
ACP 5035	Regolo muro in nylon <i>Nylon wall spacer</i>
ACP 5036	Regolo muro in metallo <i>Metal wall spacer</i>
ACP 5043	Kit cerniere per anta abbinata telai piani (sormonto interno) <i>Hinge kit to combine leaf to flat frame</i>
ACP 5044	Kit cerniera per anta abbinata telai modanati e raggiati (complanare interno) <i>Hinge kit for tilt and turn combined leaf with moulded frames (in flat frames)</i>
ACP 5045	Blocchetti collegamento cremonese in zama <i>Zamak connection pieces for Cremonese handle</i>
ACP 5046/350	Braccio ribalta 345/410mm <i>Tilt window arm 345/410 mm</i>
ACP 5046/411	Braccio ribalta 411/540mm <i>Tilt window arm 411/541 mm</i>
ACP 5046/541	Braccio ribalta 541/1500mm <i>Tilt window arm 541/1500 mm</i>
ACP 5047	Catenacci a leva in kit anta abbinata <i>Locking kit for combined leaf</i>
ACP 5049	Braccio supplementare per L>1000mm <i>Additional arm</i>
ACP 5052	Catenaccioli a spinta in kit in alluminio con eccentrico di registrazione per anta semifissa <i>Metal bolt set</i>
ACP 5053	Giunzione astina per prolunga catenaccioli ACP 5052 <i>Connection rod for extension bolt ACP 5052</i>
ACP 5056	Chiusura supplementare orizzontale / fulcro orizzontale in kit <i>Connection rod for extension bolt ACP 5052</i>
ACP 5057	Chiusura supplementare verticale in kit <i>Vertical additional kit</i>

ACP 5058	Rotella inserimento guarnizione centrale <i>Gasket fitting roller</i>
ACP 5069	Cerniera 3 ali 3a anta componenti inox e piastrini premontati <i>3-wings hinge for 3rd leaf, stainless steel components and pre-assembled plates</i>
ACP 5072	Tappo sotto porta per TT 51835/TT 51735 <i>Under door plug for TT 51835/TT 51735</i>
ACP 5073	Tappo sotto porta per TT 51837/TT 51737 <i>Under door plug for TT 51837/TT 51737</i>
ACP 5074	Tappo sotto porta per TT 51813/TT 51713 <i>Under door plug for TT 51813/TT 51713</i>
ACP 5081	Incontro asta singolo in nylon <i>Nylon single rod keeper</i>
ACP 5082	Incontro asta doppio in nylon <i>Metal single rod keeper</i>
ACP 5084	Squadretta allineamento con vite di tiraggio per telai e imbotti <i>Alignment corner bracket with tightening screw for frames and wall profiles</i>
ACP 5092	Frizione bilico orizzontale portata 175kg <i>Friction joint for horizontal pivot window, capacity 175kg</i>
ACP 5092V	Frizione bilico verticale portata 175kg, Abbinare asta di trasmissione ACP 50102 <i>Friction joint for vertical pivot window, capacity 175kg Combine with transmission rod ACP 50102</i>
ACP 5093	Tappi cassonetto <i>Box covers</i>
ACP 5094	Spessore in acciaio inox di compenso tra frizione bilico ACP 5092 e ACP 5092V e profilo anta bilico <i>Stainless steel shim for adjustment between ACP 5092 / ACP 5092V friction joint and pivot leaf profile</i>
ACP 5095	Inviti guida tapparella <i>Roller shutter guide supports</i>
ACP 5150/D	Kit A/R con cerniere a scomparsa SECRET anta destra braccio corto - portata max 100kg <i>Secret tilt and turn mechanism with concealed hinges, right, short arm - Max load 100kg</i>
ACP 5150/S	Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio corto - portata max 100kg <i>Secret tilt and turn mechanism with concealed hinges, left, short arm - Max load 100kg</i>
ACP 5151/D	Kit A/R con cerniere a scomparsa SECRET anta destra braccio lungo - portata max 100kg <i>Secret tilt and turn mechanism with concealed hinges, right, long arm - Max load 100kg</i>
ACP 5151/S	Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio lungo - portata max 100kg <i>Secret tilt and turn mechanism with concealed hinges, left, long arm - Max load 100kg</i>
ACP 5152	Incontro doppio in zama SECRET per finestra 2 ante battente <i>Zamak double keeper for casement window</i>
ACP 5153	Braccio supplementare SECRET per L>1000mm da abbinare ad ACP 5151 <i>SECRET additional window arm, L>1000mm</i>
ACP 5154	Chiusura supplementare lato cerniere (rostro) <i>Beak for passive leaf</i>
ACP 5155	Chiusura supplementare per cerniera scomparsa A/R SECRET. Si usa anche in orizzontale per L>1000mm e tra le cerniere per H>1200mm <i>Additional locking piece for SECRET tilt & turn mechanism. L>1000mm H>1200mm</i>

ACP 5156	Catenacciolo ante passive in abbinamento ad anta ribalta SECRET <i>Bolt for passive leaf, SECRET tilt and turn mechanism</i>
ACP 5157	Kit catenacci con manovra bidirezionale SECRET ante passive <i>Bolt kit and SECRET bidirectional mechanism for passive leaf</i>
ACP 5158	Incontro singolo in zama per catenacciolo superiore anta passiva ribalta SECRET, abbinare a ACP 5160 <i>Zamak single keeper for SECRET passive tilt & turn mechanism</i>
ACP 5159	Terminale in zama SECRET, finestre a battente <i>Zamak SECRET rod-end for casement windows</i>
ACP 5160	Kit manovra antaribalta SECRET. Abbinare a ACP 5150 e ACP 5151 <i>SECRET tilt and turn kit for ACP 5150 and ACP 5151</i>
ACP 5161/D	Kit cerniera a scomparsa SECRET anta passiva destra - portata max 100kg <i>Secret concealed hinges, right - Max load 100kg</i>
ACP 5161/S	Kit cerniera a scomparsa SECRET anta passiva sinistra - portata max 100kg <i>Secret concealed hinges, left - Max load 100kg</i>
ACP 5162/D	Kit A/R con cerniere a scomparsa SECRET anta destra braccio corto - portata max 150kg <i>Secret tilt and turn mechanism with concealed hinges, right, short arm - Max load 150kg</i>
ACP 5162/S	Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio corto - portata max 150kg <i>Secret tilt and turn mechanism with concealed hinges, left, short arm - Max load 150kg</i>
ACP 5163/D	Kit A/R con cerniere a scomparsa SECRET anta destra braccio lungo - portata max 150kg <i>Secret tilt and turn mechanism with concealed hinges, right, long arm - Max load 150kg</i>
ACP 5163/S	Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio lungo - portata max 150kg <i>Secret tilt and turn mechanism with concealed hinges, left, long arm - Max load 150kg</i>
ACP 5164/D	Kit cerniera a scomparsa SECRET anta passiva destra - portata max 150kg <i>Secret concealed hinges, right - Max load 150kg</i>
ACP 5164/S	Kit cerniera a scomparsa SECRET anta passiva sinistra - portata max 150kg <i>Secret concealed hinges, left - Max load 150kg</i>
ACP 5198	Meccanismo martellina monodirezionale per A/R, quadro 7mm <i>Monodirectional handle mechanism for A/R windows</i>
ACP 5199	Meccanismo martellina bidirezionale per battente, quadro 7mm <i>Bidirectional handle mechanism for casement windows, 7mm</i>
ACP 5501	Squadretta maggiorata 23X35mm a pulsante <i>Oversized bracket 23x35mm with push-button</i>
ACP 5502	Squadretta piccola a bottone 17.5X15mm per inversione TT 51823 <i>Bracket 17.5x15mm with push-button for reversal TT 51823</i>
ACP 5504	Squadretta 23X14mm estrusa, angolo variabile min. 30° max.178° <i>Bracket 23x14mm, variable angle, min 30° max 178°</i>
ACP 5506	Squadretta maggiorata 23X35mm estrusa, angolo variabile min. 55° max.315° <i>Oversized bracket 23x35mm, variable angle, min 55° max 315°</i>
ACP 5521	Cavalotto a pulsante 23X14mm in pressofuso <i>Cross junction 23x14mm, die-cast, with push-button</i>
ACP 5525	Tappo anti intestatura spazio vetro 30mm per ante vetro infilare e anta yard <i>Joint plug, glass gap 30mm, beadless type</i>

ACP 5800	Spina per squadretta multifunzione ACP 5801, ACP 5802, ACP 7001 <i>Pin for multifunction corner cleat ACP 5801, ACP 5802, ACP 7001</i>
ACP 5801	Squadretta 23X14mm multifunzione, avvitare, spinare e cianfrinare <i>Multi-purpose bracket 23x14mm, screwing, broaching and crimping</i>
ACP 5802	Squadretta maggiorata 23X35mm multifunzione, avvitare, spinare e cianfrinare <i>Multi-purpose bracket 23x35mm, screwing, broaching and crimping</i>
ACP 5805	Squadretta pressofusa 23X14mm angolo variabile min.60° max 120° <i>Bracket 23x14mm variable angle - strong min 60° max 120°</i>
ACP 5821	Cavallotto 23X14mm in pressofuso con grano e codolo <i>Cross junction 23x14 mm die-cast with dowel and shank</i>
ACP 6220	^{THERMOPOSA} Traverso inferiore 20mm Thermopro in PVC <i>Thermopro PVC sill transom, 20mm</i>
ACP 6244/25	^{THERMOPOSA} Controtelaio Thermopro spalla 57mm, battuta 25 rifilabile <i>Thermopro subframe 57mm, beat 25</i>
ACP 6244/49	^{THERMOPOSA} Controtelaio Thermopro spalla 57mm battuta 49 rifilabile <i>Thermopro subframe 57mm, beat 49</i>
ACP 6249	^{THERMOPOSA} Traverso inferiore 40mm Thermopro in PVC <i>Thermopro PVC sill transom</i>
ACP 6254	^{THERMOPOSA} Staffe per traverso ACP 6249 <i>Transom bracket for ACP 6249</i>
ACP 6255	^{THERMOPOSA} Zanche per fissaggio del controtelaio ACP 6244 <i>Clamps for fixing of subframe for ACP 6244</i>
ACP 6256	^{THERMOPOSA} Squadretta angolare per controtelaio ACP 6244 <i>Corner cleat for ACP 6244</i>
ACP 6257	^{THERMOPOSA} Piastra di allineamento per controtelaio ACP 6244 <i>Alignment plate for ACP 6244</i>
ACP 6258	^{THERMOPOSA} Squadretta di rinforzo per controtelaio ACP 6244 <i>Reinforced bracket for ACP 6244</i>
ACP 6259	^{THERMOPOSA} Rinforzo tubolare aperto in acciaio 12x40mm per controtelaio ACP 6244 <i>Steel tubular reinforcement 12x40mm for ACP 6244</i>
ACP 6260	Staffe per traverso ACP 6220 <i>Transom bracket for ACP 6220</i>
ACP 7001	Squadretta piccola multifunzione 17.5X15mm avvitare, spinare e cianfrinare per inversione TT 51823 <i>Multi-purpose bracket 17.5x15 mm, screwing, broaching and crimping for reversal TT 51823</i>
ACP 7207	Cavallotto di allineamento scocca esterna profili dritti <i>Cross junction for flat frame</i>
ACP 7208	Cavallotto di allineamento scocca esterna profili raggiati <i>Cross junction for rounded profiles</i>
ACP 9909	Spessore 8mm per cerniere ad applicazione frontale <i>8mm thickness for frontal hinges</i>
ACP 9915	Spessore 7mm per cerniere ad applicazione frontale <i>7mm thickness for frontal hinges</i>

ACP 9918	Cerniera Strong a 2 ali per telai piani <i>2-wing Strong hinge for flat frame</i>
ACP 9938	Cerniera Strong a 2 ali, 3° anta anche per telai complanari <i>2-wing 3rd leaf Strong hinge for flat frame</i>
ACP 9940	Distanziatore 20-28mm per cerniere ad applicazione frontale su profilo ad apertura esterna Planet 50 Plus <i>20-28mm thickness for frontal hinges - matching with putward opening profile</i>
ACP 9963/60	Cerniera frontale, 3 ali interasse 60mm <i>3 wings frontal hinge, 60mm</i>
ACP 9963/93	Cerniera frontale, 3 ali interasse 93mm <i>3 wings frontal hinge, 93mm</i>
ACP 9964/60	Cerniera frontale 2 ali interasse 60mm <i>2 wings frontal hinge, 60mm</i>
ACP 9964/93	Cerniera frontale 2 ali interasse 93mm <i>2 wings frontal hinge, 93mm</i>
ACP 9973	Kit fissaggio cerniere applicazione frontale 2 ali <i>2-wings front hinge kit</i>
ACP 9974	Kit fissaggio cerniere applicazione frontale 3 ali <i>3-wings front hinge kit</i>
ACP 9998	Dima di foratura per cerniere applicazione frontale <i>Front hinge holes template</i>
ACP 50010	Avvolgitore senza placca <i>Winder without plate</i>
ACP 50011	Placca per avvolgitore <i>Plate for winder</i>
ACP 50095	Guida cinghia a cassonetto <i>Box belt guide</i>
ACP 50102	Asta di trasmissione per frizione ACP 5092V per bilico verticale destro <i>Transmission rod for friction joint ACP 5092V right vertical pivot</i>
ACP 50103	Limitatore di apertura per frizioni bilico ACP 5092 e ACP 5092V <i>Opening restrictor for pivot friction joint ACP 5092 and ACP 5092V</i>
ACP 50110	Squadretta allineamento con eccentrici di tiraggio per ante <i>Alignment corner bracket with tightening eccentrics</i>
ACP 50115	Tappo terminale sotto porta per anta a girare per PL 2059 <i>Under door plug for PL 2059</i>
ACP 50117D	Mensola destra per supporto a squadro ACP 50220 <i>Right bracket for square support ACP 50220</i>
ACP 50117S	Mensola sinistra per supporto a squadro ACP 50220 <i>Left bracket for square support ACP 50220</i>
ACP 50118	Nastro magnetico in acciaio per sistema oscurante Easysun per PL 1325 <i>Easysun magnetic tape for PL 1325</i>
ACP 50119	Kit tappi inversione bilico orizzontale per TT 5120 <i>Horizontal pivot plug for TT 5120</i>

ACP 50119V	Kit tappi inversione bilico verticale per TT 5120 <i>Vertical pivot plug for TT 5120</i>
ACP 50122	Clip fermavetro <i>Glazing bead clip</i>
ACP 50128	Cappetta scarico acqua in nylon <i>Nylon drainage plug</i>
ACP 50128C	Cover in alluminio, da abbinare ad ACP 50128 <i>Aluminium cover to ACP 50128</i>
ACP 50146/350	Braccio ribalta manovra logica 345/410mm, abbinare ACP 50180 <i>Logical tilt & turn arm 345/410mm</i>
ACP 50146/411	Braccio ribalta manovra logica 411/540mm, abbinare ACP 50180 <i>Logical tilt & turn arm 411/540mm</i>
ACP 50146/541	Braccio ribalta manovra logica 541/1500mm, abbinare ACP 50180 <i>Logical tilt & turn arm 541/1500mm</i>
ACP 50149	Braccio supplementare ribalta manovra logica L>1000mm <i>Tilt & turn additional arm</i>
ACP 50153	Squadretta multifunzione 4X14mm spinare, cianfrinare e avvitare <i>Multi-purpose bracket 4x14mm broaching-crimping and screwing</i>
ACP 50154	Squadretta multifunzione 4X36mm spinare, cianfrinare e avvitare <i>Multi-purpose bracket 4x36mm broaching-crimping and screwing</i>
ACP 50155	Vite inox per squadrette multifunzione ACP 50153 e ACP 50154 <i>Stainless steel screw for multipurpose corner brackets ACP 50153 and ACP 50154</i>
ACP 50156	Kit anta ribalta per telai piani senza cremonese <i>Tilt & turn kit for flat frame, no cremonese handle</i>
ACP 50157	Kit anta ribalta senza cremonese per telai complanari interni <i>Tilt & turn kit for flat frame, no cremonese handle</i>
ACP 50158	Kit chiusura 6 punti per bilico/scorrevole parallelo. Abbinare a ACP 5092 e ACP5092V <i>Pivot window closing kit. Combined with ACP 5092 and ACP 5092V</i>
ACP 50159D	Kit base scorrevole parallelo dx portata 150kg per anta <i>Parallel slide base kit, right, capacity 150kg per leaf</i>
ACP 50159S	Kit base scorrevole parallelo sx portata 150kg per anta <i>Parallel slide base kit, left, capacity 150kg per leaf</i>
ACP 50160/1100	Kit binari per scorrevole parallelo L anta = da 851mm a 1100mm <i>Parallel slide track kit L=851 to 1100mm</i>
ACP 50160/1350	Kit binari per scorrevole parallelo L anta = da 1101mm a 1350mm <i>Parallel slide track kit L=1101 to 1350mm</i>
ACP 50160/1600	Kit binari per scorrevole parallelo L anta = da 1351mm a 1600mm <i>Parallel slide track kit L=1351 to 1600mm</i>
ACP 50161/1200	Kit forbici scorrevole parallelo soluzione manuale per ante fino a L 1200mm, abbinare ad ACP 50165 <i>Developed scissor sliders kit for leaf up to 1200mm, matching with ACP 50165</i>

ACP 50162	<p>Kit forbici scorrevole parallelo soluzione automatica per ante, fino a L 1600mm di anta utilizzare ACP 50159, da 1600 a 2000 mm occorrono carrelli con portata 180kg. KIT DISPONIBILE SU RICHIESTA ABBINARE ALLA MANIGLIA ACP 50170</p> <p><i>Developed scissor sliders kit for leaf up to 2000mm. Up to 1600mm matching with ACP 50165. From 1600 to 2000mm, use trailers with capacity 180kg. Available on request only matching with handle ACP 50170</i></p>
ACP 50163	<p>Kit accessori per trasformare il kit manuale ACP 50161 in semiautomatico</p> <p><i>Accessories kit to make semiautomatic ACP 50161 mechanism</i></p>
ACP 50164	<p>Kit coperture. Disponibile nelle colorazioni argento ossidato, RAL 9010 e nero elettro-colore</p> <p><i>Cover kit, finish available: silver, RAL 9010, black</i></p>
ACP 50165	<p>Spessori per forbici da abbinare con ACP 50161/1200 o ACP 50162</p> <p><i>Thickness matching with ACP 50161/1200 or ACP 50162</i></p>
ACP 50166	<p>Placchetta di fermo - per modificare il kit forbici manuale in semiautomatico da abbinare ad ACP 50163</p> <p><i>Plate to make semiautomatic the developed scissor sliders kit - matching with ACP 50163</i></p>
ACP 50167	<p>Kit supplementare al kit 50161 per ante oltre L 1200mm da abbinare alle astine ACP 50168 e ACP 50169</p> <p><i>Additional kit matching with ACP 50168 and ACP 50169, leaf up to 1200mm</i></p>
ACP 50168	<p>Astina per kit supplementare ACP 50167 per ante da L 1201mm fino a 1350mm</p> <p><i>Rod ACP 50167 for additional kit, leaf 1201mm to 1350mm</i></p>
ACP 50169	<p>Astina per kit supplementare ACP 50167 per ante da L 1351mm fino a 1600mm</p> <p><i>Rod ACP 50167 for additional kit, leaf 1351mm to 1600mm</i></p>
ACP 50175	<p>Kit finestra battente 1 anta: blocchetti di collegamento, incontri, terminali d'asta, piastrino sostegno anta</p> <p><i>1-leaf casement window kit</i></p>
ACP 50176	<p>Cremonese Aurora monodirezionale per anta ribalta e scorrevole parallelo con antirollio</p> <p><i>Monodirectional Cremonese Aurora handle for tilt and turn and parallel slide</i></p>
ACP 50180	<p>Kit anta ribalta fulcro orizzontale/manovra logica</p> <p><i>Tilt and turn logical kit</i></p>
ACP 50200	<p>Cremonese Aurora bidirezionale completa di piastrini anti rollio</p> <p><i>Bidirectional cremonese Aurora handle</i></p>
ACP 50207	<p>Basetta in nylon per Cremonese Aurora, applicazione su profili bombati</p> <p><i>Nylon strip for Cremonese Aurora handle, convex profile application</i></p>
ACP 50220	<p>Supporto a squadra 46X10mm rullo tapparella</p> <p><i>Square bracket 46x10mm for rolling shutter</i></p>
ACP 50232	<p>Manico per cremonese Aurora ACP 50233</p> <p><i>Cremonese Aurora handle for ACP 50233</i></p>
ACP 50233	<p>Cremonese Aurora bidirezionale senza manico completa di piastrino antirollio</p> <p><i>Bidirectional Cremonese Aurora handle</i></p>
ACP 50234	<p>Cremonese Aurora bidirezionale con chiave</p> <p><i>Aurora bidirectional Cremonese handle with key</i></p>
ACP 50235/D	<p>Cremonese Aurora monodirezione destra con chiave</p> <p><i>Aurora right monodirectional Cremonese handle with key</i></p>
ACP 50235/S	<p>Cremonese Aurora monodirezione sinistra con chiave</p> <p><i>Aurora left monodirectional Cremonese handle with key</i></p>
ACP 50239	<p>Doppia maniglia Aurora per porte</p> <p><i>Aurora double handle for door</i></p>


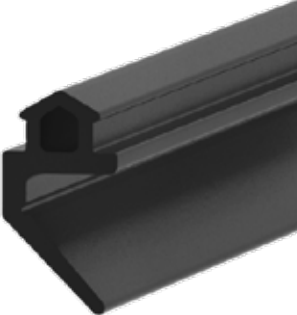
ACP 50240	Quadro lungo per doppia maniglia Aurora 8x135mm <i>Aurora double handle 8x135mm kit</i>
ACP 50241	Basetta copricilindro per doppia maniglia Aurora <i>Base for cylinder dust cap for Aurora double handle</i>
ACP 50252	Martellina Aurora 0°-90°-180° quadro 7mm <i>Martellina Aurora handle</i>
ACP 50253	Martellina Aurora con chiave 0°-90°-180° quadro 7mm <i>Martellina Aurora handle with key</i>
ACP 50267	Meccanismo martellina bidirezionale per bilico <i>Martellina bidirection handle mechanism for pivot window</i>
ACP 50311	Movimento monodirezionale per maniglia EXENS <i>EXENS Monodirectional mechanism for EXENS handle</i>
ACP 50312	Movimento bidirezionale per maniglia EXENS <i>EXENS Bidirectional mechanism for EXENS handle</i>
ACP 50314	Maniglia EXENS linea Aurora <i>Aurora EXENS handle</i>
ACP 50318	Doppia maniglia EXENS linea Aurora per porte <i>Aurora EXENS double handle for door</i>
ACP 50420	Cavalotto 23X14 mm a scatto in estruso <i>Snap clamp 23x14 mm extruded</i>
ACP 50454	Cavalotto a scatto doppio in estruso <i>Extruded aluminium snap cross junction for transoms</i>
ACP 50535	Fresa a due diametri per applicazione regolo obliquo per ACP 50539 <i>Two diameter cutter for wall spacer fittings</i>
ACP 50536	Regolo obliquo in zama per viti tradizionali <i>Zamak wall spacer</i>
ACP 50537	Dima di posizionamento per foratura profilo per applicazione ACP 50536/ ACP 50539 <i>Profile drilling position template for ACP 50536 fitting ACP 50539</i>
ACP 50538	Fresa a due diametri per applicazione regolo obliquo per ACP 50536 <i>Two diameter cutter for wall spacer fittings</i>
ACP 50539	Regolo obliquo in nylon per turboviti <i>Nylon wall spacer</i>
ACP 50704	Cassetta semi incasso <i>Semi-embedded box</i>
ACP 50705	Avvolgitore con placca nera per cinghia tapparella <i>Winder with black plate for roller shutter belt</i>
ACP 50825	Puleggia da 180mm <i>180mm pulley</i>
ACP 50832	Calotta di supporto per rullo <i>Roller support cover</i>
ACP 51001	Guida cinghia da montante <i>Jamb belt guide</i>

ACP 51190	Boccola di giunzione rullo/puleggia rullo/calotta <i>Joint bushing, for roller/pulley and roller/cover</i>
ACP 51520	Vite di fissaggio supporto/ mensole <i>Support/bracket fastening screw</i>
ACP 55130	Appoggio vetro <i>Glass support</i>
ACP 55178	Tappo riporto centrale versione doppia battuta Planet 50 Plus <i>Central plug for double rebate version</i>
ACP 55180	Tappo riporto centrale per versione giunto aperto Planet 50 Plus <i>Central plug for open joint</i>
ACP 99124	Cover per cerniera ACP 9918 e ACP 9938 <i>Cover for hinge ACP 9918 and ACP 9938</i>
ACP 99125	Piastrino registrabile universale per le cerniere strong ACP 9918 e ACP 9938 <i>Adjustable plate for strong hinge ACP 9918 and ACP 9938</i>
ACP 99126	Chiave per montaggio cerniera ACP 9918 e ACP 9938 <i>Key to fix hinge ACP 9918 and ACP 9938</i>
AGG 3000	Guarnizione di battuta per telai capannoni e imbotti porte interne <i>Rebate gasket for industrial shed frames and wall profiles of internal wall</i>
AGG 3092	Giunto per finestre a nastro <i>Joint for ribbon windows</i>
AGP 4000	Guarnizione di battuta in EPDM <i>EPDM rabbet seal</i>
AGP 4002	Guarnizione isolamento perimetrale muro-telaio <i>Wall-frame perimeter insulation seal</i>
AGP 4004	Guarnizione di battuta in EPDM coestruso, inserimento ad infilare <i>Rebate gasket in co-extruded EPDM</i>
AGP 4005	Guarnizione di battuta per riporto centrale lato semifisso per versione doppia battuta <i>Rebate gasket for central connection profile on the semi-fixed side for double rebate version</i>
AGP 4006	Guarnizione di battuta per riporto centrale lato semifisso per versione giunto aperto <i>Astragal seal, semi-fixed side, for internal gasket sealing version</i>
AGP 4009	Guarnizione sottoporta ante a giro. Abbinare a PL 2059 <i>Under door gasket for PL 2059</i>
AGP 4013	Guarnizione vetro esterna in EPDM 2.5mm <i>EPDM external glazing seal 2,5mm</i>
AGP 4014	Guarnizione vetro esterna in EPDM 4mm <i>EPDM external glazing seal, 4mm</i>
AGP 4015	Guarnizione acustica di battuta esterna, coestrusa con base rigida, sostituibile <i>External rabbet acoustic gasket, co-extruded, with replaceable rigid base</i>
AGP 4040	Guarnizione chiudi cava 15mm, color argento <i>Frame recess cover strip 15mm and beat sliding version, silver color</i>
AGP 4085	Angoletto vulcanizzato per AGP 4000 <i>Vulcanized corner piece for AGP 4000</i>

AGP 4099	Guarnizione isolamento perimetrale telaio-controtellaio <i>Frame-subframe perimeter insulating seal</i>
AGP 40131	Guarnizione sottovetro in polietilene espanso <i>Expanded polystyrene glazing strip</i>
AGP 4103	Guarnizione vetro in EPDM 2.5/3.5mm per isolamento acustico e termico <i>Internal glass gasket in EPDM 2.5/3.5mm for sound and thermal insulation</i>
AGP 4106	Guarnizione vetro in EPDM 4/6mm per isolamento acustico e termico <i>Internal glass gasket in EPDM 4/6mm for sound and thermal insulation</i>
AGP 4113	Guarnizione vetro esterna in coestruso EPDM/SPUGNA da 2.5mm per isolamento acustico e termico <i>External glass gasket in co-extruded EPDM/FOAM 2.5mm for sound and thermal insulation</i>
AGP 4123	Guarnizione vetro esterna in EPDM da 2.5mm a baffo per siliconare. Garantisce maggiore ermeticità <i>EPDM external glass gasket, 2.5mm Lip sealing strip for applying silicone sealant. Guarantees greater hermetic sealing</i>
AGP 4135	Guarnizione vetro esterna in EPDM da 3.5mm a baffo per siliconare. Garantisce maggiore ermeticità <i>EPDM external glass gasket, 3.5mm Lip sealing strip for applying silicone sealant. Guarantees greater hermetic sealing</i>
AGP 4203	Guarnizione vetro interna 3mm filo fermavetro. Consente la piega a 90° <i>inner glazing bead seal, 3mm</i>
AGP 4204	Guarnizione vetro interna 4mm filo fermavetro. Consente la piega a 90° <i>Inner glazing bead seal, 4mm</i>
AGP 4205	Guarnizione vetro interna 5mm filo fermavetro. Consente la piega a 90° <i>Inner glazing bead seal, 5mm</i>
AGP 4206	Guarnizione vetro interna 6mm filo fermavetro. Consente la piega a 90° <i>Inner glazing bead seal, 6 mm</i>
AGP 4807	Spazzolino dim. 4.8X7mm per sottoporta <i>Under door brush strip 4.8X7mm</i>
AGP 5025	^{THERMOPOSA} Adesivo High Tack a base di MS polimero ad effetto ventosa bianco <i>High Tack MS Polymer adhesive sealant with suction effect - white</i>
AGP 5030/I	^{THERMOPOSA} Profilo portaintonaco per esterno con asole 250cm <i>Outdoor plaster profile</i>
AGP 5031	^{THERMOPOSA} Profilo portaintonaco per interno con asole 250cm <i>Inner plaster profile</i>
AGP 5032	^{THERMOPOSA} Barriera al vapore per controtellaio ACP 6246 <i>Vapor barrier for ACP 6246</i>
AGP 5033/15	^{THERMOPOSA} Nastro precompresso BG1 da 15mm per sigillatura della battuta <i>BG1 beat sealing, 15mm</i>
AGP 5035/...	^{THERMOPOSA} Sigillante MS Polimero bianco, marrone, grigio o nero, 290 ml <i>MS Polymer sealant</i>
AGP 5036	^{THERMOPOSA} Schiuma poliuretanicca elastica fissaggio controtellaio ACP 6246 <i>Elastic polyurethane foam for ACP 6246</i>
AGP 5037	^{THERMOPOSA} Nastro in schiuma di PVC per soglia e traverso inferiore <i>PVC foam band for transom and threshold</i>
AGP 5806	Spazzolino dim. 5.8X6mm per profili monoblocco <i>Brush strip 5.8 X 6mm for single-unit profiles</i>

AGP 5813	Spazzolino dim. 5.8X13mm per celino monoblocco <i>Brush strip 5.8 X 13mm for single-unit profiles</i>
AGP 6280	Guarnizione di giunzione telaio battente-telaio scorrevole <i>Side-hung frame/sliding frame interface seal</i>
AGP 6502	Guarnizione supplementare per soglia ribassata da abbinare a AGP 50172 <i>Additional seal for low threshold Planet 50 Plus</i>
AGP 7007	Guarnizione vetro esterna da 3mm, filo alluminio, consente la piega a 90° senza taglio <i>External glazing seal, 3mm, installed flush with aluminum. Can be bent at a 90° angle without cutting</i>
AGP 7202	Guarnizione sottoporta <i>Under door gasket</i>
AGP 50172	Guarnizione battuta centrale in EPDM coestruso <i>Standard fin seal</i>
AGP 50185	Angolo vulcanizzato per AGP 50172 45X45mm <i>Vulcanized corner piece for AGP 50172 45X45mm</i>
TAC 1000	Astina in poliammide. Disponibile in grigio e nero <i>PA rod. Available in color grey and black</i>

ELENCO GUARNIZIONI

	<p>AGG 3000</p> <p>Guarnizione di battuta per telai capannoni e imbotti porte interne Cfz: 100m</p> <p><i>Rebate gasket for industrial shed frames and wall profiles of internal wall</i> Pkg: 300m</p>		<p>AGP 4006</p> <p>Guarnizione di battuta per riporto centrale lato semifissa, versione giunto aperto Cfz: 200m</p> <p><i>Astragal seal, semi-fixed side, for internal gasket sealing version</i> Pkg: 200m</p>
	<p>AGP 4000</p> <p>Guarnizione di battuta in EPDM Cfz: 400m</p> <p><i>EPDM rabbet seal</i> Pkg 400m</p>		<p>AGP 4015</p> <p>Guarnizione acustica di battuta esterna, coestrusa con base rigida sostituibile Cfz: 750m</p> <p><i>External rabbet acoustic gasket, co-extruded, with replaceable rigid base</i> Pkg: 750m</p>
	<p>AGP 4085</p> <p>Angoletto vulcanizzato per AGP 4000 Pcs:</p> <p><i>Vulcanized corner piece for AGP 4000</i> Pkg:</p>		<p>AGP 4002</p> <p>Guarnizione isolamento perimetrale muro-telaio Cfz: 200m</p> <p><i>Wall-frame perimeter insulation seal</i> Pkg: 200m</p>
	<p>AGP 4004</p> <p>Guarnizione di battuta in EPDM coestruso, inserimento ad infilare Cfz: 300m</p> <p><i>Rebate gasket in co-extruded EPDM</i> Cfz: 300m</p>		<p>AGP 4099</p> <p>Guarnizione isolamento perimetrale telaio-controtelaio Cfz: 50m</p> <p><i>Frame-subframe perimeter insulating seal</i> Pkg: 50m</p>
	<p>AGP 4005</p> <p>Guarnizione di battuta per riporto centrale lato semifisso per versione doppia battuta Cfz: 300m</p> <p><i>Rebate gasket for central connection profile on the semi-fixed side for double rebate version</i> Pkg: 300m</p>		<p>AGP 6280</p> <p>Guarnizione di giunzione telaio battente-telaio scorrevole Cfz: 300m</p> <p><i>Side-hung frame/sliding frame interface seal</i> Pkg: 300m</p>

	<p>AGP 4040</p> <p>Guarnizione chiudi cava 15mm color argento Cfz: 100m</p> <p><i>Frame recess cover strip 15mm and beat sliding version, silver color Pkg: 100m</i></p>
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	<p>AGP 4206</p> <p>Guarnizione vetro interna, 6mm filo fermavetro. Con- sente la piega a 90° Cfz: 100m</p> <p><i>Inner glazing bead seal, 6mm Cfz: 100m</i></p>
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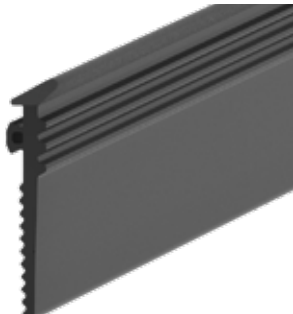
	<p>AGG 3092</p> <p>Giunto per finestre a nastro Cfz: 65m</p> <p><i>Joint for ribbon windows Pkg: 65m</i></p>
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	<p>AGP 4103</p> <p>Guarnizione vetro in EPDM 2.5/3.5 mm per isolamento acustico e termico Cfz: 100m</p> <p><i>Internal glass gasket in EPDM 2.5/3.5 mm for sound and Pkg: 100m</i></p>
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	<p>AGP 4203</p> <p>Guarnizione vetro interna, 3mm filo fermavetro. Con- sente la piega a 90° Cfz: 200m</p> <p><i>Inner glazing bead seal, 3mm Pkg: 200m</i></p>
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	<p>AGP 4106</p> <p>Guarnizione vetro in EPDM 4/6 mm per isolamento acustico e termico Cfz: 80m</p> <p><i>Internal glass gasket in EPDM 4/6 mm for sound and thermal insulation Pkg: 80m</i></p>
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	<p>AGP 4204</p> <p>Guarnizione vetro interna, 4mm filo fermavetro. Consente la piega a 90° Cfz: 150m</p> <p><i>Inner glazing bead seal, 4mm Pkg: 150m</i></p>
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	<p>AGP 4113</p> <p>Guarnizione vetro esterna in costruito EPDM/SPUGNA da 2.5mm per isolamento acustico e termico Cfz: 100m</p> <p><i>External glass gasket in co-extruded EPDM/ FOAM 2.5mm for sound and thermal insulation. Pkg: 100m</i></p>
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	<p>AGP 4205</p> <p>Guarnizione vetro interna, 5mm filo fermavetro. Con- sente la piega a 90° Cfz: 120m</p> <p><i>Inner glazing bead seal, 5mm Pkg: 120m</i></p>
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	<p>AGP 4013</p> <p>Guarnizione esterna in EPDM 2,5mm Cfz: 200m</p> <p><i>EPDM external glazing seal 2,5mm Pkg: 200m</i></p>
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	AGP 4014
	<p>Guarnizione esterna in EPDM 4mm Cfz: 200m</p> <p><i>EPDM external glazing seal, 4mm Pkg: 200m</i></p>

	AGP 50172
	<p>Guarnizione battuta centrale in EPDM coestruso Cfz: 50m</p> <p><i>EPDM coextruded standard fin seal Pkg: 50m</i></p>

	AGP 4123
	<p>Guarnizione vetro esterna in EPDM da 2.5mm a baffo per siliconare. Garantisce maggiore ermeticità Cfz: 150m</p> <p><i>EPDM external glass gasket, 2.5mm Lip sealing strip for applying silicone sealant. Guarantees greater hermetic sealing Pkg: 150m</i></p>

	AGP 6502
	<p>Guarnizione supplementare per soglia ribassata, da abbinare alla AGP 50172 Cfz: 50m</p> <p><i>Additional seal for low threshold combined with AGP 50172 Pkg: 50m</i></p>

	AGP 4135
	<p>Guarnizione vetro esterna in EPDM da 3.5mm a baffo per siliconare. Garantisce maggiore ermeticità Cfz: 150m</p> <p><i>EPDM external glass gasket, 3.5mm. Lip sealing strip for applying silicone sealant. Guarantees greater hermetic sealing Pkg: 150m</i></p>

	AGP 50185
	<p>Angolo vulcanizzato per AGP 50172, 45X45mm Cfz: 64 pz</p> <p><i>Vulcanized corner for AGP 50172, 45X45mm Pkg: 64 pz</i></p>

	AGP 7007
	<p>Guarnizione vetro esterna da 3mm, filo alluminio, consente la piega a 90° senza taglio Cfz: 250m</p> <p><i>External glazing seal, 3mm, installed flush with aluminum. Can be bent at a 90° angle without cutting Pkg: 250m</i></p>

	AGP 4009
	<p>Guarnizione sottoporta per anta a girare. Abbinare al profilo PL 2059 Cfz: 200m</p> <p><i>Under door gasket for side-hung door for PL 2059 Pkg: 200m</i></p>

	AGP 40131
	<p>Guarnizione sottovetro in polietilene espanso Cfz: 100m</p> <p><i>Expanded polystyrene glazing strip Pkg: 100m</i></p>

	AGP 7202
	<p>Guarnizione sottoporta Cfz: 100m</p> <p><i>Under door gasket Pkg: 100m</i></p>

ELENCO ACCESSORI GENERICI

	AGP 4807
	Spazzolino dim. 4.8X7mm per sottoporta Cfz: 100m <i>Under door brush strip 4.8X7mm Pkg: 100m</i>

	AC 2099
	Tappino chiudiforo Ø11,5 mm Cfz: 1000 pz <i>Hole-closing cap ø11.5mm Pkg: 1000 pcs</i>

	AGP 5806
	Spazzolino dim. 5.8X6mm per profili monoblocco Cfz: 100m <i>Brush strip 5.8X6mm for single-unit profiles Pkg: 100m</i>

	ACP 5027
	Gommino di bloccaggio per fermavetri a contrasto Cfz: 100 pz <i>Glazing bead locking rubber strip for PL1404 and PL1407 and tubulars Pkg: 100 pcs</i>

	AGP 5813
	Spazzolino dim. mm 5.8X13mm per celino monoblocco Cfz: 100m <i>Brush strip 5.8X13mm for single-unit profiles Pkg: 100m</i>


	ACP 5035
	Regolo a muro in nylon Cfz: 250 pz <i>Nylon wall spacer Pkg: 250 pcs</i>


	TAC 1000
	Astina in poliammide Disponibile in grigio e nero Cfz: 250m <i>PA rod. Available in color grey and black Pkg: 250m</i>

	ACP 5036
	Regolo a muro in metallo Cfz: 100 pz <i>Metal wall spacer Pkg: 100 pcs</i>


	ACP 5058
	Rotella inserimento guarnizione centrale Cfz: 250 pz <i>Gasket fitting roller Pkg: 250 pcs</i>

	ACP 50128
	Cappetta scarico acqua in nylon. Cfz: 100 pz <i>Nylon drainage plug Pkg: 100 pcs</i>


	<p>ACP 50128C</p>
	<p>Cover in alluminio, da abbinare ad ACP 50128. Disponibile in tutte le finiture, verniciate ed ossidate. Cfz: 100 pz</p> <p><i>Alluminium cover to ACP 50128. Pkg: 100 pcs</i></p>

	<p>ACP 50119</p>
	<p>Kit tappi inversione bilico orizzontale per TT 5120 Cfz: 1 kit</p> <p><i>Horizontal pivot plug for TT 5120 Pkg: 1 kit</i></p>


	<p>ACP 5072</p>
	<p>Tappo sotto porta per TT 51835/TT 51735 Cfz: 20 coppie</p> <p><i>Under door plug for TT 51835/ TT 51735 Pkg: 20 pairs</i></p>

	<p>ACP 50119V</p>
	<p>Kit tappi inversione bilico verticale per TT 5120 Cfz: 1 kit</p> <p><i>Vertical pivot plug for TT 5120 Pkg: 1 kit</i></p>

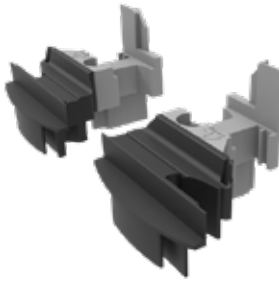
	<p>ACP 5073</p>
	<p>Tappo sotto porta per TT 51837/ TT 51737 Cfz: 20 coppie</p> <p><i>Under door plug for TT 51837/ TT 51737 pkg: 20 pairs</i></p>

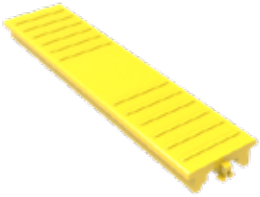
	<p>ACP 5525</p>
	<p>Tappo anti intestatura spazio vetro 30mm per ante vetro infilare e anta yard Cfz: 100 pz</p> <p><i>Joint plug, glass gap 30mm, beadless type Pkg: 100 pcs</i></p>

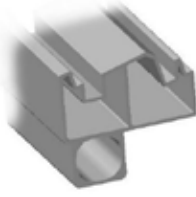
	<p>ACP 5074</p>
	<p>Tappo sotto porta per TT 51813/ TT 51713 Cfz: 20 coppie</p> <p><i>Under door plug for TT 51813/ TT 51713 Pkg: 20 pairs</i></p>


	<p>ACP 55178</p>
	<p>Tappo riporto centrale versione doppia battuta Planet 50 Plus Cfz: 20 coppie</p> <p><i>Central plug for double rebate version Pkg: 20 pairs</i></p>

	<p>ACP 50115</p>
	<p>Tappo terminale sotto porta per anta a girare per PL 2059 Cfz: 50 coppia</p> <p><i>Under door plug for PL 2059 Pkg: 50 pairs</i></p>


	<p>ACP 55180</p>
	<p>Tappo riporto centrale per versione Planet 50 Plus giunto aperto Cfz: 20 coppie</p> <p><i>Central plug for open joint Pkg: 20 pairs</i></p>


	ACP 55130
	<p>Appoggio vetro Planet 50 Plus Cfz: 80 pz</p> <p><i>Glass support Pkg: 80 pcs</i></p>


	ACP 50537
	<p>Dima di posizionamento per foratura profilo per applicazione ACP 50536/ ACP 50539 Cfz: 1pz</p> <p><i>Profile drilling position template for fitting ACP 50536 Pkg: 1 pcs</i></p>

	ACP 5014
	<p>Angolino fermavetro tondo Cfz: 160 pz</p> <p><i>Round glazing bead angle Pkg: 160 pcs</i></p>

	ACP 50535
	<p>Fresa a due diametri per 9/19mm applicazione regolo obliquo per ACP 50539 Cfz: 1 pz</p> <p><i>Two diameter cutter for wall spacer fitting Pkg: 1 pcs</i></p>

	ACP 50122
	<p>Clip fermavetro Cfz: 200 pz</p> <p><i>Glazing bead clip Pkg: 200 pcs</i></p>











	ACP 50538
	<p>Fresa a due diametri per 7/14mm applicazione regolo obliquo per ACP 50536 Cfz: 1 pz</p> <p><i>Two diameter cutter for fitting wall spacer fitting Pkg: 1 pcs</i></p>

	ACP 50536
	<p>Regolo obliquo in zama per viti tradizionali Cfz: 100 pz</p> <p><i>Zamak wall spacer Pkg: 100 pcs</i></p>

	ACP 50118
	<p>Nastro magnetico in acciaio per sistema oscurante Easysun per PL 1325 Cfz: 240m</p> <p><i>Easysun magnetic tape for PL1325 Pkg: 240m</i></p>

	ACP 50539
	<p>Regolo obliquo in nylon per turbovite Cfz: 100 pz</p> <p><i>Nylon wall spacer Pkg: 100 pcs</i></p>

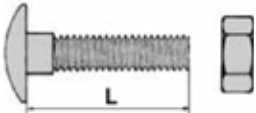
	ACP 5093
	<p>Tappi cassonetto Cfz: 1 coppia</p> <p><i>Box covers Pkg: 1 pairs</i></p>

	<p>ACP 5095</p> <p>Inviti guida tapparella Cfz: 50 cp</p> <p><i>Roller shutter guide supports Pkg: 50 pcs</i></p>		<p>ACP 50117S</p> <p>Mensola sinistra per supporto a squadra ACP 50220 Cfz: 1 pz</p> <p><i>Left bracket for square support ACP 50220 Pkg: 1 pcs</i></p>
	<p>ACP 50010</p> <p>Avvolgitore senza placca Cfz: 1 pz</p> <p><i>Winder without plate (5 m) Pkg: 1 pcs</i></p>		<p>ACP 50220</p> <p>Supporto a squadra 46X10mm rullo tapparella Cfz: 1 pz</p> <p><i>Square bracket 46x10mm for rolling shutter Pkg: 1 pcs</i></p>
	<p>ACP 50011</p> <p>Placca per avvolgitore Cfz: 1 pz</p> <p><i>Plate for winder Pkg: 1 pcs</i></p>		<p>ACP 50704</p> <p>Cassetta semi incasso Cfz: 1 pz</p> <p><i>Semi-embedded box Pkg: 1 pcs</i></p>
	<p>ACP 50095</p> <p>Guida cinghia a cassonetto Cfz: 1 pz</p> <p><i>Box belt guide Pkg: 1 pcs</i></p>		<p>ACP 50705</p> <p>Avvolgitore con placca nera per cinghia tapparella Cfz: 1 pz</p> <p><i>Winder with black plate for roller shutter belt Pkg: 1 pcs</i></p>
	<p>ACP 50117D</p> <p>Mensola destra per supporto a squadra ACP 50220 Cfz: 1 pz</p> <p><i>Right bracket for square support ACP 50220 Pkg: 1 pcs</i></p>		<p>ACP 50825</p> <p>Puleggia da 180mm Cfz: 1 pz</p> <p><i>180mm pulley Pkg: 1 pcs</i></p>

ELENCO ACCESSORI PER GIUNZIONE


	<p>ACP 50832</p>
	<p>Calotta di supporto per rullo Cfz: 1 pz</p> <p><i>Roller support cover Pkg: 1 pcs</i></p>

	<p>AC 2001</p>
	<p>Vite trilobata per ACP 50420 / 50454 Cfz: 250 pz</p> <p><i>Trilobate screw for acp 50420 / 50454 Pkg: 250 pcs</i></p>

	<p>ACP 51520</p>
	<p>Vite di fissaggio supporto/ mensole Cfz: 200 pz</p> <p><i>Support/bracket fastening screw Pkg: 200 pcs</i></p>

	<p>ACP 5001</p>
	<p>Vite Ø8 per squadrette multifunzione ACP 7001/ 5801/ 5802 Cfz: 200 pz</p> <p><i>Screw ø 8 for multi-function corner cleat ACP 7001/ 5801/5802 Pkg: 200 pcs</i></p>

	<p>ACP 51001</p>
	<p>Guida cinghia da montante Cfz: 200 pz</p> <p><i>Jamb belt guide Pkg: 200 pcs</i></p>


	<p>ACP 5002</p>
	<p>Squadretta 23X14mm a pulsante Ø10mm strong - filettata Cfz: 250 pz</p> <p><i>Corner bracket 23x14mm with push-button ø10mm strong - threaded Pkg: 250 pcs</i></p>

	<p>ACP 51190</p>
	<p>Boccola di giunzione rullo/ puleggia rullo/calotta Cfz: 1 pz</p> <p><i>Joint bushing, for roller/pulley and roller/ cover Pkg: 1 pcs</i></p>

	<p>ACP 5008</p>
	<p>Squadretta allineamento in acciaio inox Cfz: 400 pz</p> <p><i>Alignment corner joint, stainless steel Pkg: 400 pcs</i></p>


	<p>ACP 5030</p>
	<p>Spina Ø3mm per squadrette ACP 50153 e ACP 50154 con manico Cfz: 400 pz</p> <p><i>Pin, Ø3mm., with grip for ACP 50153 and ACP 50154 multifunction corner cleats Pkg: 400 pcs</i></p>

	ACP 5800
	<p>Spina per squadretta multifunzione ACP 7001/ 5801/ 5802 Cfz: 500 pz</p> <p><i>Pin for multifunction corner cleat ACP 7001 and ACP 5801 / 5802 Pkg: 500 pcs</i></p>

	ACP 50154
	<p>Squadretta multifunzione 4X36mm spinare, cianfrinare e avvitare Cfz: 200 pz</p> <p><i>Multi-purpose bracket 4x36mm broaching-crimping and screwing Pkg: 200 pcs</i></p>

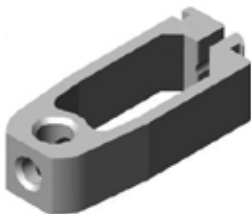
	ACP 50155
	<p>Vite inox per squadrette multifunzione ACP 50153 e ACP 50154 Cfz: 400 pz</p> <p><i>Stainless steel screw for multipurpose corner brackets ACP 50153 and ACP 50154 Pkg: 400 pcs</i></p>


	ACP 7207
	<p>Cavallotto di allineamento scocca esterna profili dritti Cfz: 250 dx, 250 sx pz</p> <p><i>Cross junction for flate frame Pkg: 250 dx - 250 sx pcs</i></p>

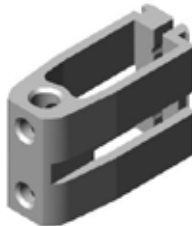
	ACP 5084
	<p>Squadretta allineamento con vite di tiraggio per telai e imbotti Cfz: 250 pz</p> <p><i>Alignment corner bracket with tightening screw for frames and wall profiles Pkg: 250 pcs</i></p>

	ACP 7208
	<p>Cavallotto di allineamento scocca esterna profili raggiati Cfz: 250 dx, 250 sx pz</p> <p><i>Cross junction for rounded profiles Pkg: 250 dx - 250 sx pcs</i></p>

	ACP 50110
	<p>Squadretta allineamento con eccentrici di tiraggio per ante Cfz: 250 pz</p> <p><i>Alignment corner bracket with tightening eccentrics Pkg: 250 pcs</i></p>

	ACP 50420
	<p>Cavallotto 23X14mm a scatto in estruso Cfz: 100 pz</p> <p><i>Extruded cross junction 23x14mm Pkg: 100 pcs</i></p>

	ACP 50153
	<p>Squadretta multifunzione 4X14mm spinare, cianfrinare e avvitare Cfz: 200 pz</p> <p><i>Multi-purpose bracket 4x14mm broaching-crimping and screwing Pkg: 200 pcs</i></p>

	ACP 50454
	<p>Cavallotto a scatto doppio in estruso Cfz: 100 pz</p> <p><i>Extruded aluminium snap cross junction for transoms Pkg: 100 pcs</i></p>

	ACP 5501
	Squadretta maggiorata 23X35mm a pulsante Cfz: 250 pz <i>Oversized bracket 23x35mm with push-button Pkg: 250 pcs</i>

	ACP 7001
	Squadretta piccola multifunzione 17.5X15mm avvitare, spinare e cianfrinare per inversione TT 51823 Cfz: 250 pz <i>Multi-purpose bracket 17.5x15mm, screwing, broaching and crimping for reversal TT 51823 Pkg: 250 pcs</i>

	ACP 5502
	Squadretta piccola a bottone 17.5X15mm per inversione TT 51823 Cfz: 250 pz <i>Bracket 17.5x15mm with push-button for reversal TT 51823 Pkg: 250 pcs</i>

	ACP 5801
	Squadretta 23X14mm multifunzione, avvitare, spinare e cianfrinare Cfz: 200 pz <i>Multi-purpose bracket 23x14mm, screwing, broaching and crimping Pkg: 200 pcs</i>

	ACP 5504
	Squadretta 23X14mm estrusa angolo variabile min. 30° max. 178° Cfz: 20 pz <i>Bracket 23x14mm, variable angle, min 30° max 178° Pkg: 20 pcs</i>

	ACP 5802
	Squadretta maggiorata 23X35mm multifunzione, avvitare, spinare e cianfrinare Cfz: 100 pz <i>Multi-purpose bracket 23x35mm, screwing, broaching and crimping Pkg: 100 pcs</i>











	ACP 5506
	Squadretta maggiorata 23X35mm estrusa angolo variabile min. 55° max. 315° Cfz: 20 pz <i>Oversized bracket 23x35mm, variable angle, min 55° max 315° Pkg: 20 pcs</i>


	ACP 5805
	Squadretta pressofusa 23X14mm angolo variabile min. 60° max 120° Cfz: 20 pz <i>Bracket 23x14mm variable angle - strong min 60° max 120° Pkg: 20 pcs</i>

	ACP 5521
	Cavallotto a pulsante 23X14mm in pressofuso Cfz: 250 coppie <i>Cross junction 23x14mm, die-cast, with push-button Pkg: 250 pairs</i>

	ACP 5821
	Cavallotto 23X14mm in pressofuso con grano e codulo Cfz: 250 pz <i>Cross junction 23x14mm die-cast with dowel and shank Pkg: 250 pcs</i>

ACCESSORI
Fittings


	<p>ACP 50425</p> <p>Cavallotto cava fermavetro per inglesine Cfz: 1 pz</p> <p><i>Clamp glazing bead for inglesine Pkg: 1 pcs</i></p>		<p>ACP 50176</p> <p>Cremonese Aurora monodirezionale per anta ribalta e scorrevole parallelo con antirollio Cfz: 10 pz</p> <p><i>Monodirectional Cremonese Aurora handle for tilt & turn and parallel slide Pkg: 10 pcs</i></p>
ELENCO ACCESSORI DI CHIUSURA			
	<p>ACP 50252</p> <p>Martellina Aurora 0°-90°-180° quadro 7mm Cfz: 10 pz</p> <p><i>Aurora Martellina handle 0°- 90°-180° Pkg: 10 pcs</i></p>		<p>ACP 50235/D</p> <p>Cremonese Aurora monodirezionale destra con chiave Cfz: 10 pz</p> <p><i>Right monodirectional Aurora Cremonese handle with key Pkg: 10 pcs</i></p>
	<p>ACP 50253</p> <p>Martellina Aurora con chiave 0°-90°-180° quadro 7mm Cfz: 10 pz</p> <p><i>Aurora Martellina handle with key Pkg: 10 pcs</i></p>		<p>ACP 50235/S</p> <p>Cremonese Aurora monodirezionale sinistra con chiave Cfz: 10 pz</p> <p><i>Left monodirectional Aurora Cremonese handle with key Pkg: 10 pcs</i></p>
	<p>ACP 50200</p> <p>Cremonese Aurora bidirezionale completa di piastrini antirollio Cfz: 10 pz</p> <p><i>Bidirectional Cremonese Aurora handle Pkg: 10 pcs</i></p>		<p>ACP 50233</p> <p>Cremonese Aurora bidirezionale senza manico completa di piastrini antirollio Cfz: 10 pz</p> <p><i>Bidirectional Cremonese Aurora handle Pkg: 10 pcs</i></p>
	<p>ACP 50234</p> <p>Cremonese Aurora bidirezionale con chiave Cfz: 10 pz</p> <p><i>Bidirectional Cremonese Aurora handle with key Pkg: 10 pcs</i></p>		<p>ACP 50232</p> <p>Manico per cremonese Aurora ACP 50233 Cfz: 20 pz</p> <p><i>Cremonese Aurora handle for ACP 50233 Pkg: 20 pcs</i></p>

	ACP 50207
	<p>Basetta in nylon per Cremonese Aurora, applicazione su profili bombati Cfz: 10 pz</p> <p><i>Nylon strip for Cremonese Aurora handle, convex profile application Pkg: 10 pcs</i></p>


	ACP 50241
	<p>Basetta copricilindro per doppia maniglia Aurora Cfz: 10 pz</p> <p><i>Base for cylinder dust cap for Aurora double handle Pkg: 10 pcs</i></p>

	ACP 5045
	<p>Blocchetti collegamento cremonese in zama Cfz: 160 pz</p> <p><i>Zamak connection pieces for Cremonese handle Pkg: 160 pcs</i></p>

	ACP 50240
	<p>Quadro lungo per doppia maniglia Aurora 8X135mm Cfz: 10 pz</p> <p><i>Aurora double handle 8x135mm Pkg: 10 pcs</i></p>


	ACP 50314
	<p>Maniglia EXENS linea Aurora Cfz: 1 pz</p> <p><i>Aurora EXENS handle Pkg: 1 pcs</i></p>











	ACP 5022
	<p>Catenacciolo in nylon Cfz: 100 pz</p> <p><i>Bolt Pkg: 100 pcs</i></p>

	ACP 50318
	<p>Doppia maniglia EXENS linea Aurora per porte Cfz: xx pz</p> <p><i>Aurora EXENS double handle for door Pkg: xx pcs</i></p>

	ACP 5025
	<p>Terminale asta in nylon Cfz: 200 pz</p> <p><i>Rod terminal Pkg: 200 pcs</i></p>

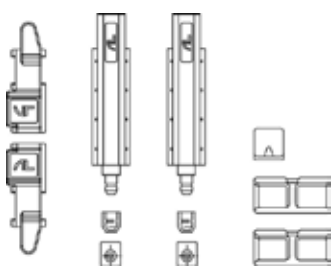
	ACP 50239
	<p>Doppia maniglia Aurora per porte Cfz: 5 pz</p> <p><i>Aurora double handle for door Pkg: 5 pcs</i></p>

	ACP 5052
	<p>Catenaccioli a spinta in kit in alluminio con eccentrico di registrazione per anta semifissa Cfz: 20 pz</p> <p><i>Metal bolt set Pkg: 20 pcs</i></p>

	<p align="center">ACP 5053</p> <p>Giunzione astina per prolunga catenaccioli ACP 5052 Cfz: 100 pz</p> <p><i>Connection rod for extension bolt ACP 5052 Pkg: 100 pcs</i></p>		<p align="center">ACP 5021</p> <p>Kit 3a chiusura registrabile Cfz: 100 pz</p> <p><i>3rd adjustable locking piece kit Pkg: 100 pcs</i></p>
	<p align="center">ACP 5024</p> <p>Incontro asta doppio in zama Cfz: 400 pz</p> <p><i>Zamak keeper double rod Pkg: 400 pcs</i></p>		<p align="center">ACP 5026</p> <p>Piastrina sostegno anta Cfz: 400 pz</p> <p><i>Plastic support for leaf Pkg: 400 pcs</i></p>
	<p align="center">ACP 5081</p> <p>Incontro asta singolo in nylon Cfz: 50 pz</p> <p><i>Nylon keeper single rod Pkg: 50 pcs</i></p>		<p align="center">ACP 50312</p> <p>Movimento bidirezionale per maniglia EXENS Cfz: 1 pz</p> <p><i>EXENS bidirectional mechanism for EXENS handle Pkg: 1 pcs</i></p>
	<p align="center">ACP 5082</p> <p>Incontro asta doppio in nylon Cfz: 50 pz</p> <p><i>Metal single rod keeper Pkg: 50 pcs</i></p>		<p align="center">ACP 50267</p> <p>Meccanismo martellina bidirezionale per bilico Ent. 23/35 mm. Abbinare con ACP 50268 Cfz: 20 pz</p> <p><i>Bidirectional Martellina handle mechanism for pivot window Pkg: 20 pcs</i></p>
	<p align="center">ACP 5019</p> <p>Riscontro 3a chiusura Cfz: 200 pz</p> <p><i>Keeper for 3rd locking piece Pkg: 200 pcs</i></p>		<p align="center">ACP 50268</p> <p>Perno di collegamento per ACP 50267 L = 31 mm Cfz: 100 pz</p> <p><i>Connecting pin for ACP50267, L=31mm Pkg: 10 pcs</i></p>

	ACP 5199
	<p>Meccanismo martellina bidirezionale per battente, quadro 7mm Cfz: 10 pz</p> <p><i>Bidirectional handle mechanism for casement windows, 7mm Pkg: 10 pcs</i></p>


	ACP 5005S
	<p>Cerniera premontata sinistra, per telai piani. Cfz: 50 pz</p> <p><i>Left hinge for flat frames Pkg: 50 pcs</i></p>

	ACP 50175
	<p>Kit finestra battente 1 anta: blocchetti di collegamento, incontri, terminali asta, piastrino sostegno anta Cfz: 200 kit</p> <p><i>1-leaf casement windows kit Pkg: 200 kit</i></p>

	ACP 5005
	<p>Cerniera premontata, per telai piani. Cfz: 50 pz</p> <p><i>Hinge for flat frames. Pkg: 50 pcs</i></p>

	ACP 5069
	<p>Cerniera 3 ali 3a anta componenti inox e piastrini premontati Cfz: 25 pz</p> <p><i>3-wings hinge for 3rd leaf, stainless steel components and pre-assembled plates Pkg: 25 pcs</i></p>

	ACP 5007
	<p>Cerniera 3 a anta componenti inox e piastrini premontati, usare 1 coppia hmax=1800 mm per h oltre 1800 mm inserire la 3a cerniera Cfz: 50 pz</p> <p><i>3 rd leaf hinge. Use a pair of hinge for hmax=1800 mm, 3 hingers for h>1800 mm Pkg: 50 pcs</i></p>

	ACP 5006
	<p>Cerniera 3 ali componenti inox e piastrini premontati, per telai piani Cfz: 25 pz</p> <p><i>3-wings hinge for flat frames, stainless steel components and pre-assembled plates Pkg: 25 pcs</i></p>

	ACP 5007D
	<p>Cerniera 3 a anta premontata destra, usare 1 coppia hmax=1800 mm per h oltre 1800 mm inserire la 3a cerniera Cfz: 50 pz</p> <p><i>3 rd leaf hinge, inox component and preassembled plate DX. Use a pair of hinge for hmax=1800 mm, 3 hingers for h> 1800 mm Pkg: 50 pcs</i></p>

	ACP 5005D
	<p>Cerniera premontata destra, per telai piani. Cfz: 50 pz</p> <p><i>Right hinge for flat frames Pkg: 50 pcs</i></p>

**ACP 5007S**

Cerniera 3 a anta premontata sinistra, usare 1 coppia hmax=1800 mm per h oltre 1800 mm inserire la 3a cerniera.
Cfz: 50 pz

*3 rd leaf hinge, inox component and preassembled plate SX. Use a pair of hinge for hmax=1800 mm, 3 hinges to h> 1800 mm
Pkg: 50 pcs*

**ACP 9918**

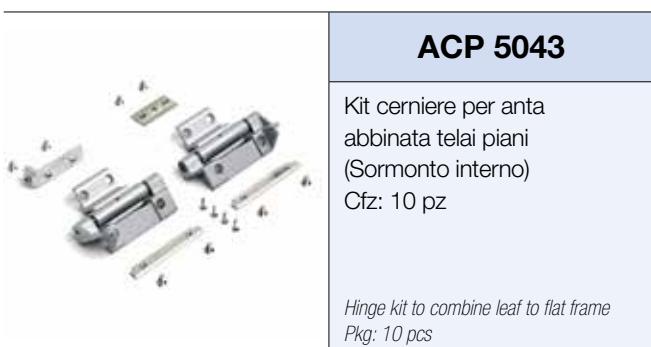
Cerniera Strong a 2 ali per telai piani
Cfz: 20 pz

*2-wing Strong hinge for flat frame
Pkg: 20 pcs*

**ACP 9938**

Cerniera Strong a 2 ali, 3° anta anche per telai complanari
Cfz: 20 pz

*2-wing 3rd leaf Strong hinge for flat frame
Pkg: 20 pcs*

**ACP 5043**

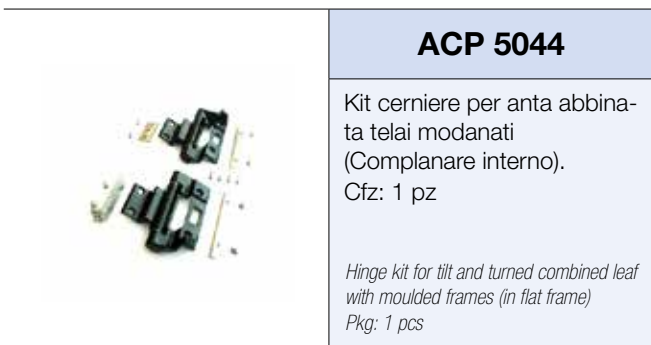
Kit cerniere per anta abbinata telai piani (Sormonto interno)
Cfz: 10 pz

*Hinge kit to combine leaf to flat frame
Pkg: 10 pcs*

**ACP 99124**

Cover per cerniera ACP 9918 e ACP 9938
Cfz: 20 pz

*Cover for hinge ACP 9918 and ACP 9938
Pkg: 20 pcs*

**ACP 5044**

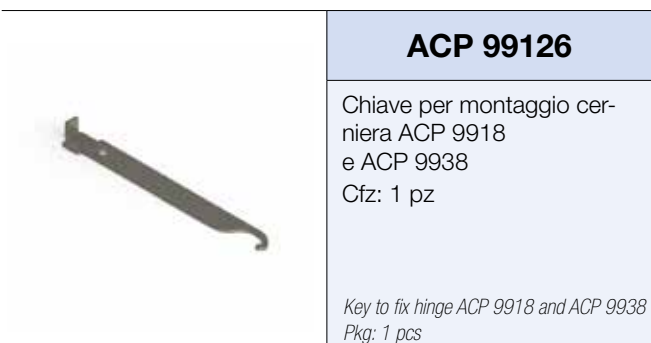
Kit cerniere per anta abbinata telai modanati (Complanare interno).
Cfz: 1 pz

*Hinge kit for tilt and turned combined leaf with moulded frames (in flat frame)
Pkg: 1 pcs*

**ACP 99125**

Piastrino registrabile universale per le cerniere Strong ACP 9918 e ACP 9938 (usare 1pz per anta)
Cfz: 10 pz

*Adjustable plate for Strong hinge ACP 9918 and ACP 9938
Pkg: 10 pcs*

**ACP 99126**

Chiave per montaggio cerniera ACP 9918 e ACP 9938
Cfz: 1 pz

*Key to fix hinge ACP 9918 and ACP 9938
Pkg: 1 pcs*

**ACP 9963/60**

Cerniera frontale, 3 ali interasse 60mm
Cfz: 10 pz

*3 wings frontal hinge, 60mm
Pkg: 10 pcs*

	<p>ACP 9963/93</p> <p>Cerniera frontale, 3 ali interasse 93 mm Cfz: 10 pz</p> <p><i>3 wings frontal hinge, 93mm Pkg: 10 pcs</i></p>
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	<p>ACP 9940</p> <p>Distanziatore 20-28mm per cerniere ad applicazione frontale su profilo ad apertu- ra esterna Planet 50 Plus Cfz: 40 pz</p> <p><i>20-28mm thickness for frontal hinges - matching with putward opening profile Pkg: 40 pcs</i></p>
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	<p>ACP 9964/60</p> <p>Cerniere frontale 2 ali interasse 60 mm Cfz: 20 pz</p> <p><i>2 wings frontal hinge, 60mm Pkg: 20 pcs</i></p>
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	<p>ACP 9973</p> <p>Kit fissaggio cerniere applicazione frontale 2 ali Cfz: 10 pz</p> <p><i>2-wings front hinge kit Pkg: 10 pcs</i></p>
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	<p>ACP 9964/93</p> <p>Cerniere frontale 2 ali inte- rresse 93 mm Cfz: 20 pz</p> <p><i>2 wings frontal hinge, 93mm Pkg: 20 pcs</i></p>
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	<p>ACP 9974</p> <p>Kit fissaggio cerniere applicazione frontale 3 ali Cfz: 10 pz</p> <p><i>3-wings front hinge kit Pkg: 10 pcs</i></p>
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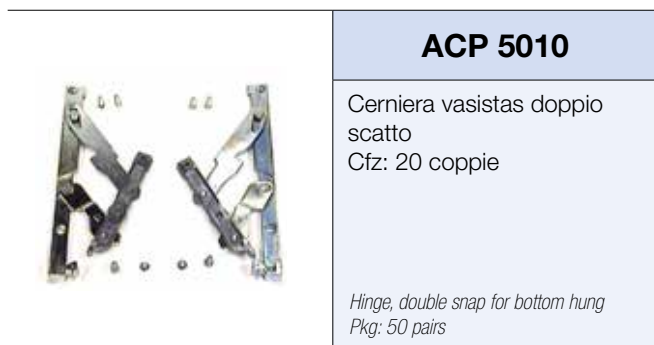
	<p>ACP 9909</p> <p>Spessore 8mm per cerniere ad applicazione frontale Cfz: 50 pz</p> <p><i>8mm thickness for frontal hinges Pkg: 50 pcs</i></p>
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	<p>ACP 9998</p> <p>Dima di foratura per cerniere applicazione frontale Cfz: 1 pz</p> <p><i>Front hinge holes template Pkg: 1 pcs</i></p>
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	<p>ACP 9915</p> <p>Spessore 7mm per cerniere ad applicazione frontale Cfz: 50 pz</p> <p><i>7mm thickness for frontal hinges Pkg: 50 pcs</i></p>
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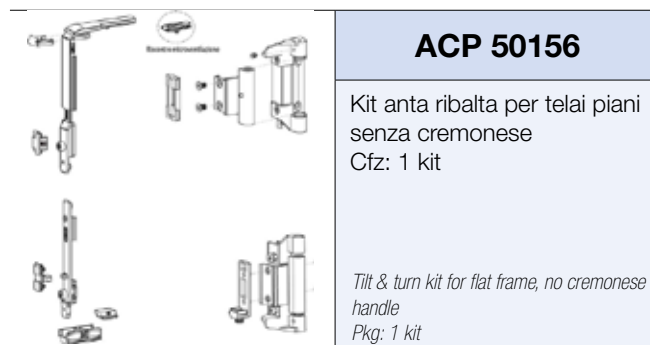
	<p>ACP 5012</p> <p>Cerniera vasistas scatto singolo Cfz: 25 pz</p> <p><i>Hinge, single snap for bottom hung open in Pkg: 25 pcs</i></p>
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ACCESSORI
Fittings

**ACP 5010**

Cerniera vasistas doppio scatto
Cfz: 20 coppie

*Hinge, double snap for bottom hung
Pkg: 50 pairs*

**ACP 50156**

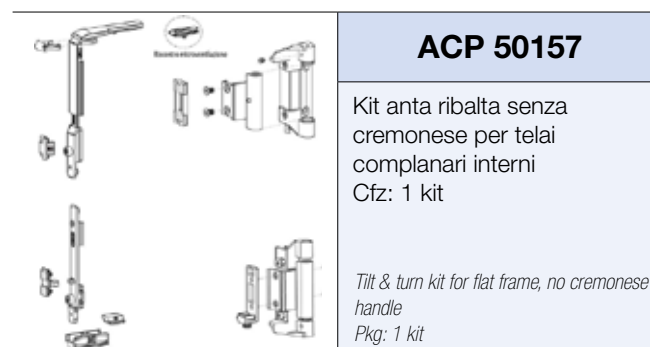
Kit anta ribalta per telai piani senza cremonese
Cfz: 1 kit

*Tilt & turn kit for flat frame, no cremonese handle
Pkg: 1 kit*

**ACP 5011**

Bracci sporgere telescopici a coppie
Cfz: 20 coppie

*Top-hinged telescopic arms for projected windows
Pkg: 20 pcs*

**ACP 50157**

Kit anta ribalta senza cremonese per telai complanari interni
Cfz: 1 kit

*Tilt & turn kit for flat frame, no cremonese handle
Pkg: 1 kit*

**ACP 5013**

Cricchetto vasistas in alluminio
Cfz: 100 pz

*Catch
Pkg: 100 pcs*

**ACP 5046/350**

Braccio ribalta 345/410 mm
Abbinare 50156/ 50157
Cfz: 10 pz

*Tilt & turn arm 345/410 mm
Pkg: 10 pcs*

**ACP 5016**

Braccio sganciabile inox
Cfz: 40 pz

*Stainless steel releasable arm
Pkg: 40 pcs*

**ACP 5046/411**

Braccio ribalta 411/540 mm
Abbinare 50156/ 50157
Cfz: 10 pz

*Tilt & turn arm 411/540 mm
Pkg: 10 pcs*

**ACP 5017**

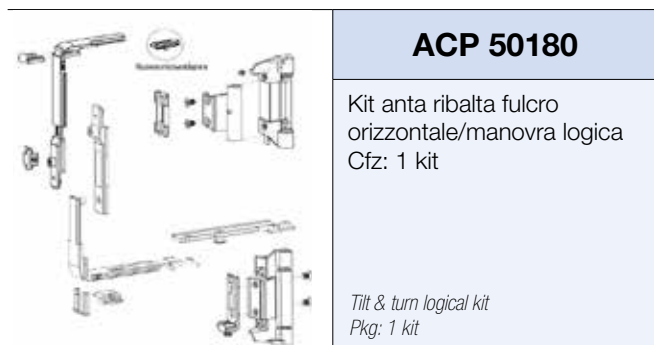
Cricchetto vasistas applicazione rapida in alluminio
Cfz: 50 pz

*Quick fitting finger catch
Pkg: 50 pcs*

**ACP 5046/541**

Braccio ribalta 541/1500 mm
Abbinare 50156/ 50157
Cfz: 10 pz

*Tilt & turn arm 541/1500 mm
Pkg: 10 pcs*



ACP 50180

Kit anta ribalta fulcro
orizzontale/manovra logica
Cfz: 1 kit

*Tilt & turn logical kit
Pkg: 1 kit*



ACP 5049

Braccio supplementare
per L > 1000mm
Cfz: 10 pz

*Additional arm
Pkg: 10 pcs*



ACP 50146/350

Braccio ribalta manovra
logica 345/410mm
Abbinare ACP 50180
Cfz: 10 pz

*Logical tilt & turn arm 345/410mm
Pkg: 10 pcs*



ACP 50149

Braccio supplementare per
L > 1000mm ribalta manovra
logica
Cfz: 10 pz

*Tilt & turn additional arm
Pkg: 10 pcs*



ACP 50146/411

Braccio ribalta manovra
logica 411/540mm
Abbinare ACP 50180
Cfz: 10 pz

*Logical tilt & turn arm 411/540mm
Pkg: 10 pcs*



ACP 5056

Chiusura supplementare
orizzontale / fulcro
orizzontale in kit
Cfz: 1 kit

*Horizontal additional set
Pkg: 1 kit*



ACP 50146/541

Braccio ribalta manovra
logica 541/1500mm
Abbinare ACP 50180
Cfz: 10 pz

*Logical tilt & turn arm 541/1500mm
Pkg: 10 pcs*



ACP 5057

Chiusura supplementare
verticale in kit
Cfz: 1 kit

*Vertical additional kit
Pkg: 1 kit*



ACP 5047

Catenacci a leva in kit anta
abbinata
Cfz: 10 kit

*Locking kit for combined leaf
Pkg: 10 pcs*



ACP 5198


Meccanismo martellina
monodirezionale per A/R,
quadro 7mm
Cfz: 10 pz

*Monodirectional handle mechanism for A/R
windows
Pkg: 10 pcs*

	ACP 50311
	<p>Movimento monodirezionale per maniglia EXENS Cfz: 1 pz</p> <p><i>EXENS monodirectional mechanism for EXENS handle Pkg: 1 pcs</i></p>


	ACP 5161/D
	<p>Kit cerniere a scomparsa SECRET anta passiva destra - portata max 100kg Cfz: 10 kit</p> <p><i>Secret concealed hinges, right - Max load 100kg Pkg: 10 kit</i></p>

	ACP 5150/S
	<p>Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio corto - portata max 100kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, left, short arm - Max load 100kg Pkg: 10 kit</i></p>

	ACP 5161/S
	<p>Kit cerniere a scomparsa SECRET anta passiva sinistra - portata max 100kg Cfz: 10 kit</p> <p><i>Secret concealed hinges, left - Max load 100kg Pkg: 10 kit</i></p>

	ACP 5150/D
	<p>Kit A/R con cerniere a scomparsa SECRET anta destra braccio corto - portata max 100kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, right, short arm - Max load 100kg Pkg: 10 kit</i></p>

	ACP 5162/D
	<p>Kit A/R con cerniere a scomparsa SECRET anta destra braccio corto - portata max 150kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, right, short arm - Max load 150kg Pkg: 10 kit</i></p>

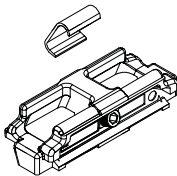
	ACP 5151/S
	<p>Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio lungo - portata max 100kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, left, long arm - Max load 100kg Pkg: 10 kit</i></p>


	ACP 5162/S
	<p>Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio corto - portata max 150kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, left, short arm - Max load 150kg Pkg: 10 kit</i></p>

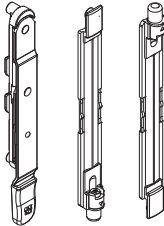
	ACP 5151/D
	<p>Kit A/R con cerniere a scomparsa SECRET anta destra braccio lungo - portata max 100kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, right, long arm - Max load 100kg Pkg: 10 kit</i></p>


	ACP 5163/D
	<p>Kit A/R con cerniere a scomparsa SECRET anta destra braccio lungo - portata max 150kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, right, long arm - Max load 150kg Pkg: 10 kit</i></p>

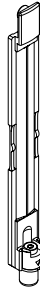
	ACP 5163/S
	<p>Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio lungo - portata max 150kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, left, long arm - Max load 150kg Pkg: 10 kit</i></p>

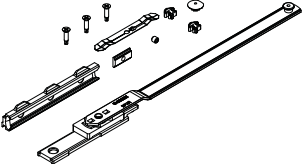
	ACP 5158
	<p>Incontro singolo in zama per catenacciolo superiore anta passiva ribalta SECRET, abbinare a ACP 5160 Cfz: 100 pz</p> <p><i>Zamak single keeper for SECRET passive tilt & turn mechanism Pkg: 100 pcs</i></p>

	ACP 5164/D
	<p>Kit cerniere a scomparsa SECRET anta passiva destra - portata max 150kg Cfz: 10 kit</p> <p><i>Secret concealed hinges, right - Max load 150kg Pkg: 10 kit</i></p>

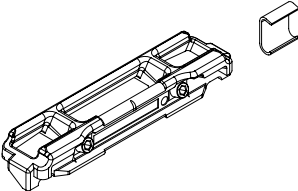
	ACP 5157
	<p>Kit catenacci con manovra bidirezionale SECRET anta passiva Cfz: 10 pz</p> <p><i>Bolt kit and SECRET bidirectional mechanism for passive leaf Pkg: 10 pcs</i></p>

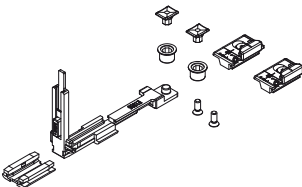
	ACP 5164/S
	<p>Kit cerniere a scomparsa SECRET anta passiva sinistra - portata max 150kg Cfz: 10 kit</p> <p><i>Secret concealed hinges, left - Max load 150kg Pkg: 10 kit</i></p>

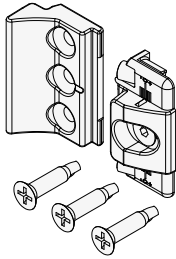
	ACP 5159
	<p>Terminale in zama SECRET, finestre a battente Cfz: 40 pz</p> <p><i>Zamak SECRET rod-end for casement windows Pkg: 40 pcs</i></p>

	ACP 5153
	<p>Braccio supplementare SECRET per L >1000mm da abbinare ad ACP 5151 Cfz: 5 kit</p> <p><i>Secret additional window arm for ACP 5151, L>1000 Pkg: 5 kit</i></p>

	ACP 5160
	<p>Kit manovra antaribalta SECRET. Abbinare a ACP 5150 e ACP 5151 Cfz: 10 pz</p> <p><i>SECRET tilt and turn kit, for ACP 5150 and ACP 5151 Pkg: 10 pcs</i></p>

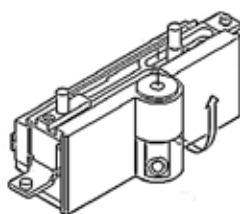
	ACP 5152
	<p>Incontro doppio in zama SECRET per finestra 2 ante battente Cfz: 100 pz</p> <p><i>Zamak double keeper for casement window Pkg: 100 pcs</i></p>


	ACP 5155
	<p>Chiusura supplementare per cerniera scomparsa A/R SECRET. Si usa anche in orizzontale per L >1000mm e tra le cerniere per H >1200mm Cfz: 10 kit</p> <p><i>Additional locking piece for Secret tilt & turn mechanism. L>1000mm H>1200mm Pkg: 10 pcs</i></p>

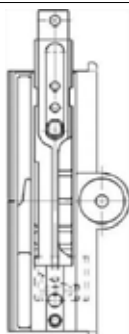
	ACP 5154
	<p>Chiusura supplementare lato cerniere (rostro) Cfz: 50 pz</p> <p><i>Beak for passive leaf Pkg: 50 pcs</i></p>

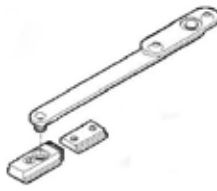
	ACP 5156
	<p>Catenacciolo anta passiva in abbinamento ad anta ribalta SECRET Cfz: 10 pz</p> <p><i>Bolt for passive leaf, SECRET tilt & turn mechanism Pkg: 10 pcs</i></p>

	ACP 5092
	<p>Frizione bilico orizzontale portata 175kg Cfz: 1 kit</p> <p><i>Friction joint for horizontal pivot window, capacity 175kg Pkg: 1 kit</i></p>

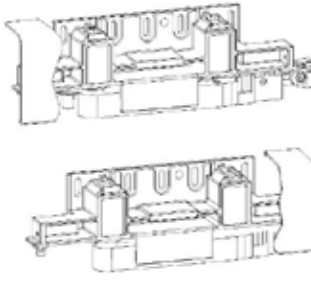
	ACP 5092V
	<p>Frizione bilico verticale portata 175kg. Abbinare asta di trasmissione ACP 50102 Cfz: 1 kit</p> <p><i>Friction joint for horizontal pivot window, capacity 175kg Pkg: 1 kit</i></p>

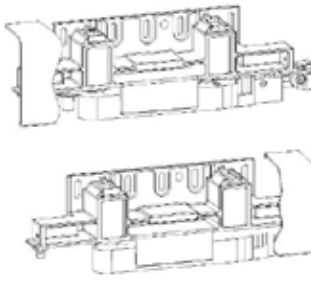
	ACP 5094
	<p>Spessore in acciaio inox di compenso tra frizione bilico ACP 5092 e ACP 5092V e profilo anta bilico Cfz: 1 pz</p> <p><i>Steel thickness between pivot clutch ACP 5092 and ACP 5092V and pivot leaf profile Pkg: 1 pcs</i></p>

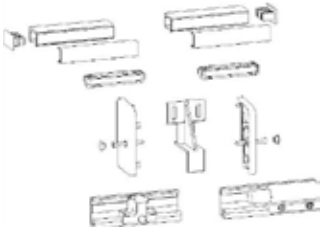
	ACP 50102
	<p>Asta di trasmissione per frizione ACP 5092V per bilico verticale destro Cfz: 1 pz</p> <p><i>Transmission rod for friction joint ACP 5092V right vertical pivot Pkg: 1 pcs</i></p>

	ACP 50103
	<p>Limitatore di apertura per frizioni bilico ACP 5092 e ACP 5092V Cfz: 1 pz</p> <p><i>Opening restrictor for pivot friction joint ACP 5092 and ACP 5092V Pkg: 1 pcs</i></p>

	ACP 50158
	<p>Kit chiusura 6 punti per bilico/scorrevole parallelo. Abbinare a ACP 5092 e ACP 5092V Cfz: 1 kit</p> <p><i>Pivot closer 6 locking piece set. Combined with ACP 5092 and ACP 5092V Pkg: 1 kit</i></p>

	ACP 50159D
	<p>Kit base scorrevole parallelo dx portata 150kg per anta Cfz: 1 kit</p> <p><i>Parallel slide base kit, right, capacity 150kg per leaf Pkg: 1 kit</i></p>

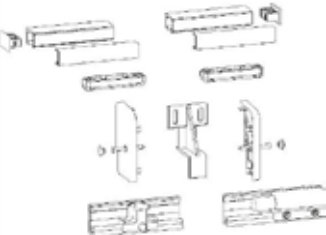
	ACP 50159S
	<p>Kit base scorrevole parallelo sx portata 150kg per anta Cfz: 1 kit</p> <p><i>Parallel slide base kit, right, capacity 150kg per leaf Pkg: 1 kit</i></p>



ACP 50160/1100

Kit binari per scorrevole parallelo L anta = da 851mm a 1100mm
Cfz: 1 kit

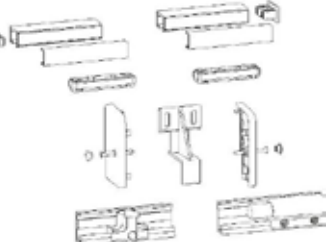
*Parallel slide track kit L=851 to 1100mm
Pkg: 1 kit*



ACP 50160/1350

Kit binari per scorrevole parallelo L anta = da 1101mm a 1350mm
Cfz: 1 kit

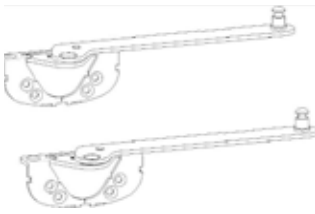
*Parallel slide track kit L=1101 to 1350mm
Pkg: 1 kit*



ACP 50160/1600

Kit binari per scorrevole parallelo L anta = da 1351mm a 1600mm
Cfz: 1 kit

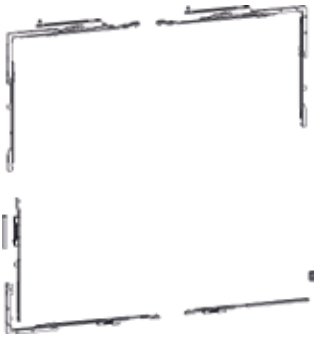
*Parallel slide track kit L=1351 to 1600mm
Pkg: 1 kit*



ACP 50161/1200

Kit forbici scorrevole parallelo soluzione manuale per ante fino a L 1200mm, abbinare ad ACP 50165
Cfz: 1 kit


*Developed scissor sliders kit for leaf up to 1200mm, matching with ACP 50165
Pkg: 1 kit*



ACP 50162

Kit forbici scorrevole parallelo soluzione automatica per ante, fino a L 1600mm di anta utilizzare ACP 50159, da 1600 a 2000 mm occorrono carrelli con portata 180 Kg
KIT DISPONIBILE SU RICHIESTA, ABBINARE ALLA MANIGLIA ACP 50170
Cfz: 1 kit


*Developed scissor sliders kit for leaf up to 2000mm. Up to 1600mm matching with ACP 50165. From 1600 to 2000mm, use track with capacity 180kg. AVAILABLE ON REQUEST ONLY MATCHING WITH HANDLE ACP 50170
Pkg: 1 kit*



ACP 50163

Kit accessori per trasformare il kit manuale ACP 50161 in semiautomatico
Cfz: 1 kit

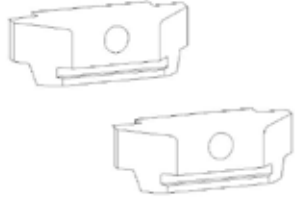
*Accessories kit to make semiautomatic ACP 50161 mechanism
Pkg: 1 kit*



ACP 50164

Kit coperture. Disponibile nelle colorazioni argento ossidato, RAL 9010 e nero elettro-colore
Cfz: 1 kit

*Cover kit, finish available: silver, RAL 9010, black
Pkg: 1 kit*




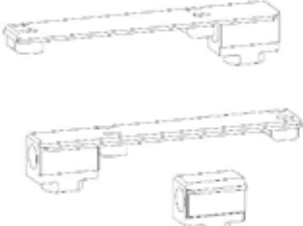
ACP 50166

Placchetta di fermo - per trasformare il kit forbici manuale in semiautomatico da abbinare ad ACP 50163
Cfz: 1 pz

*Plate to make semiautomatic the developed scissor sliders kit - matching with ACP 50163
Pkg: 1 pcs*

ACCESSORI
Fittings

	ACP 50165
	<p>Spessori per forbici per ACP 50161/1260 o ACP 50162 Cfz: 1 kit</p> <p><i>Thickness matching with ACP 50161/1200 or ACP 50162</i> Pkg: 1 kit</p>

	ACP 50167
	<p>Kit supplementare al kit ACP 50161 per ante oltre L 1200mm da abbinare alle astine ACP 50168 e ACP 50169 Cfz: 1 kit</p> <p><i>Additional kit matching with ACP 50168 and ACP 50169, leaf up to 1200mm</i> Pkg: 1 kit</p>

	ACP 50168
	<p>Astina per kit ACP 50167 supplementare per ante da L 1201mm fino a 1350mm Cfz: 1 pz</p> <p><i>Rod for additional kit, leaf 1201mm to 1350mm</i> Pkg: 1 pcs</p>

	ACP 50169
	<p>Astina per kit ACP 50167 supplementare per ante da L 1351mm fino a 1600mm Cfz: 1 pz</p> <p><i>Rod for additional kit, leaf 1351mm to 1600mm</i> Pkg: 1 pcs</p>

ELENCO ACCESSORI THERMOPOSA

	AGP 5030/I
	<p>Profilo portaintonaco per esterno con asole 250cm Cfz: 1 br</p> <p><i>Outdoor plaster profile</i> Pkg: 1 rod</p>

	AGP 5031
	<p>Profilo portaintonaco per interno con asole 250cm Cfz: 1 br</p> <p><i>Inner plaster profile</i> Pkg: 1 rod</p>

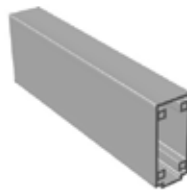
	AGP 5032
	<p>Barriera vapore per controlaio ACP 6246 Cfz: 30m</p> <p><i>Vapor barrier for ACP 6246</i> Pkg: 30m</p>

	AGP 5033/15
	<p>Nastro precompresso BG1 da 15mm per sigillatura della battuta Cfz: 15m</p> <p><i>BG1 beat sealing, 15mm</i> Pkg: 15m</p>

	AGP 5036
	<p>Schiuma poliuretana elastica fissaggio controlaio ACP 6246 Cfz: 1 pz</p> <p><i>Elastic polyurethane foam for ACO 6246</i> Pkg: 1 pcs</p>

	AGP 5037
	<p>Nastro in schiuma di PVC per soglia e traverso inferiore Cfz: 20m</p> <p><i>PVC foam band for tramson e threshold</i> Pkg: 20m</p>

	AGP 5035/...
	<p>Sigillante MS Polimero bianco, marrone, grigio o nero Cfz: 1 pz</p> <p><i>MS Polymer Sealant Pkg: 1 pcs</i></p>

	ACP 6220
	<p>Traverso inferiore 20mm Thermopro in PVC Cfz: 3m</p> <p><i>Thermopro PVC sill transom 20mm Pkg: 3m</i></p>

	AGP 5025
	<p>Adesivo High Tack a base di MS polimero ad effetto ventosa bianco Cfz: 12 pz</p> <p><i>High Tack MS Polymer adhesive sealant with suction effect - white Pkg: 12 pcs</i></p>

	ACP 6254
	<p>Staffe per traverso ACP 6249 Cfz: 1 pz</p> <p><i>Transom bracket for ACP 6249 Pkg: 1 pcs</i></p>

	ACP 6244/25
	<p>Controtelaio Thermopro 57mm, battuta 25 rifilabile Cfz: 3m</p> <p><i>Thermopro Subframe 57mm, beat 25 Pkg: 3m</i></p>

	ACP 6260
	<p>Staffe per traverso ACP 6220 Cfz: 1 pz</p> <p><i>Transom bracket for ACP 6220 Pkg: 1 pcs</i></p>

	ACP 6244/49
	<p>Controtelaio Thermopro 57mm, battuta 49 rifilabile Cfz: 3m</p> <p><i>Thermopro Subframe 57mm, beat 49 Pkg: 3m</i></p>

	ACP 6257
	<p>Piastra di allineamento per controtelaio ACP 6244 Cfz: 1 pz</p> <p><i>Alignment plate for ACP 6244 Pkg: 1 pcs</i></p>

	ACP 6249
	<p>Traverso inferiore 40mm Thermopro in PVC Cfz: 3m</p> <p><i>Thermopro PVC sill transom Pkg: 3m</i></p>


	ACP 6255
	<p>Zanche per fissaggio del controtelaio per ACP 6244 Cfz: 1 pz</p> <p><i>Clamps for fixing of subframe for ACP 6244 Pkg: 1 pcs</i></p>

	ACP 6258
	<p>Squadretta di rinforzo per controtelaio ACP 6244 Cfz: 1 pz</p> <p><i>Reinforced bracket for ACP 6244 Pkg: 1 pcs</i></p>

	ACP 6256
	<p>Squadretta angolare per controtelaio ACP 6244 Cfz: 1 pz</p> <p><i>Corner cleat for ACP 6244 Pkg: 1 pcs</i></p>

	ACP 6259
	<p>Rinforzo tubolare aperto in acciaio 12x40mm per controtelaio ACP 6244 Cfz: 1 pz</p> <p><i>Steel tubular reinforcement 12x40mm for ACP 6244 Pkg: 1 pcs</i></p>

ELENCO ACCESSORI THERMOPOSA



	ACP 1000/50	ACP 1000/70	ACP 1000/80	ACP 1000/90
	Vite TORX testa cilindrica T30 7,5x50 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	Vite TORX testa cilindrica T30 7,5x70 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	Vite TORX testa cilindrica T30 7,5x80 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	Vite TORX testa cilindrica T30 7,5x90 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>
	ACP 1000/100	ACP 1000/110	ACP 1000/120	ACP 1000/130
	Vite TORX testa cilindrica T30 7,5x100 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	Vite TORX testa cilindrica T30 7,5x110 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	Vite TORX testa cilindrica T30 7,5x120 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	Vite TORX testa cilindrica T30 7,5x130 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>
	ACP 1000/150	ACP 1000/180	ACP 1000/210	
	Vite TORX testa cilindrica T30 7,5x150 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	Vite TORX testa cilindrica T30 7,5x180 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	Vite TORX testa cilindrica T30 7,5x210 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	



	ACP 1001/50	ACP 1001/70	ACP 1001/80	ACP 1001/90
	Vite TORX testa svasata T30 7,5x50 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	Vite TORX testa svasata T30 7,5x70 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	Vite TORX testa svasata T30 7,5x80 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	Vite TORX testa svasata T30 7,5x90 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>
	ACP 1001/100	ACP 1001/110	ACP 1001/120	ACP 1001/130
	Vite TORX testa svasata T30 7,5x100 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	Vite TORX testa svasata T30 7,5x110 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	Vite TORX testa svasata T30 7,5x120 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	Vite TORX testa svasata T30 7,5x130 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>
	ACP 1001/150	ACP 1001/180	ACP 1001/210	
	Vite TORX testa svasata T30 7,5x150 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	Vite TORX testa svasata T30 7,5x180 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	Vite TORX testa svasata T30 7,5x210 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	

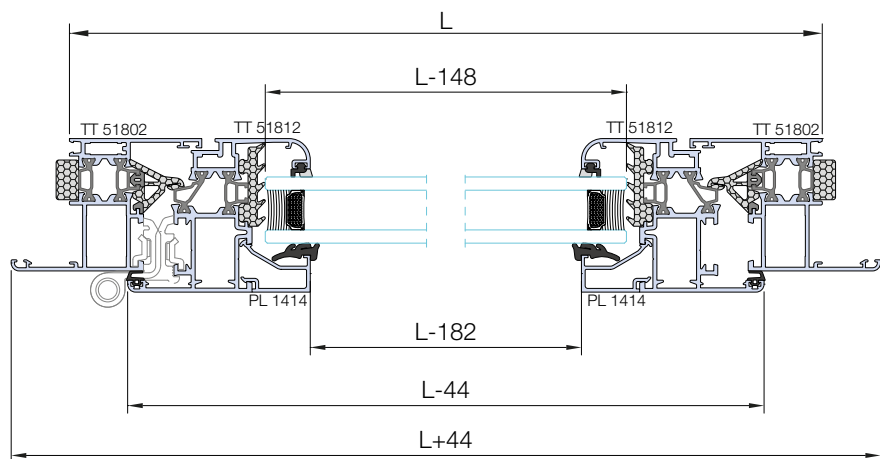
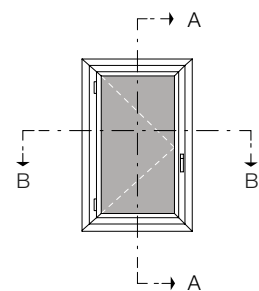
1 leaf window
glazing bead solution

Finestra
1 anta

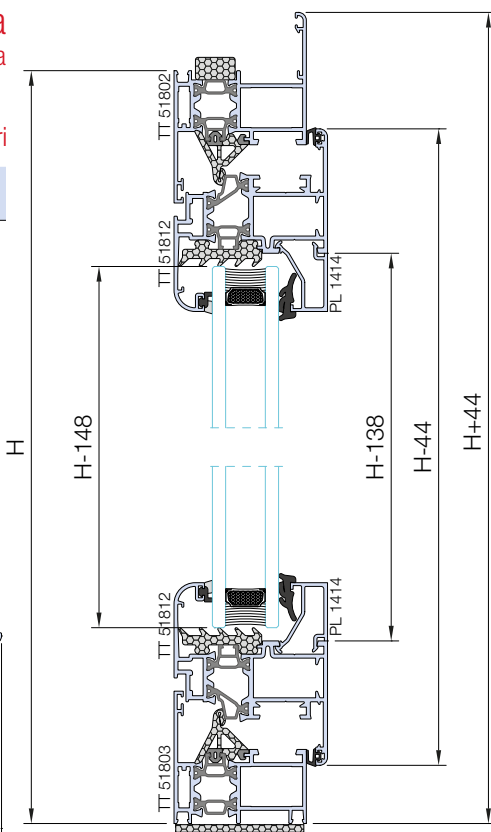
Glass list

Distinta vetri

Pezzi	L	H
1	L-148	H-148



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio superiore <i>head transom frame</i>	1	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 51803	Traverso telaio inferiore <i>sill transom frame</i>	1	L	
TT 51812	Traverso anta <i>transom leaf</i>	2	L-44	
	Montante anta <i>mullion leaf</i>	2	H-44	
PL 1414	Traverso fermavetro <i>transom glazing bead</i>	2	L-182	
	Montante fermavetro <i>mullion glazing bead</i>	2	H-138	

Distinta accessori

Accessories

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	8 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	16 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	6 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	4 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner bracket</i>	8 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	16 pz
ACP 5005	Cerniera <i>hinge for flat frames</i>	2 pz
ACP 50200	Cremonese Aurora <i>Cremonese Aurora</i>	1 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 50175	Kit chiusura finestra battente 1 anta <i>casement windows closing kit</i>	1 kit

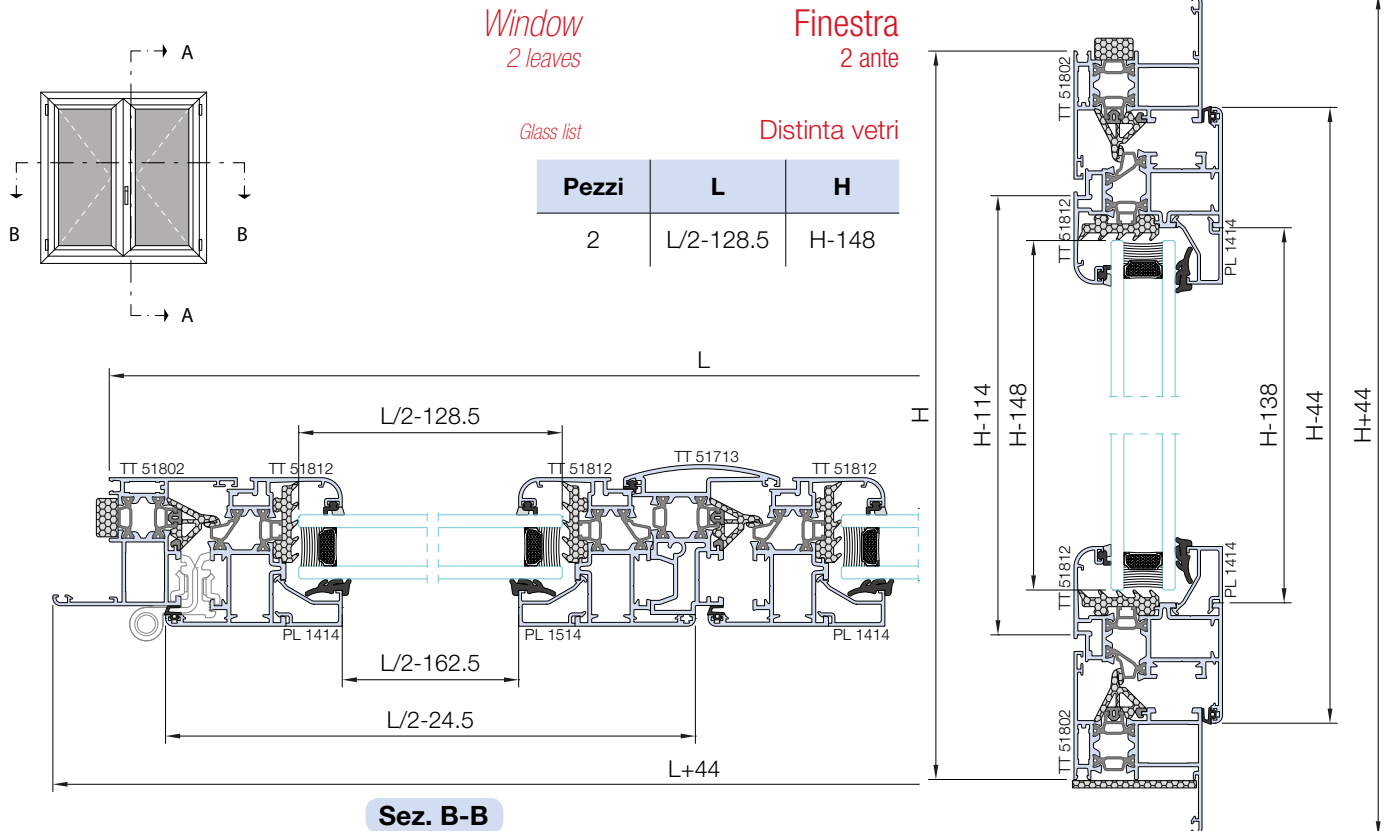
Distinte di taglio

Cutting lists

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	2	L-44
		2	H-44
AGP 40131	Sottovetro <i>glazing strip</i>	2	L-128
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1	L
		2	H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central beat</i>	2	L-124
		2	H-124
Dipende dal vetro	Vetro esterno <i>external glass gasket</i>	2	L-148
		2	H-148
Dipende dal vetro	Vetro interno <i>internal glass gasket</i>	2	L-148
		2	H-148



Sez. B-B

Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio <i>transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 51812	Traverso anta <i>transom leaf</i>	4	L/2-24.5	
	Montante anta <i>mullion leaf</i>	4	H-44	
PL 1414	Traverso fermavetro <i>transom glazing bead</i>	4	L/2-162.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H-138	
TT 51713	Riporto centrale <i>central cap</i>	1	H-114	

Distinta accessori

Accessories

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	12 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	24 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	12 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	8 pz
ACP 50153	Squadretta cianfrinare. est. <i>alignment corner cleat</i>	12 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	24 pz
ACP 5005	Cerniera <i>hinge for flat frames</i>	4 pz
ACP 50200	Cremonese Aurora <i>Cremonese Aurora</i>	1 pz
ACP 5022	Catenacciolo <i>bolt</i>	2 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 55180	Tappo riporto <i>plug for central connection profile</i>	1 cp
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 50175	Kit chiusura finestra battente a 1 anta <i>casement windows set</i>	1 kit

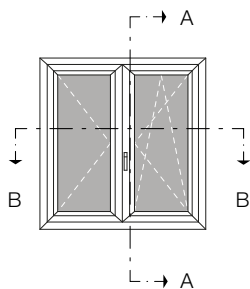
Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	4 3	L/2-24.5 H-44
AGP 40131	Sotto vetro <i>glazing strip</i>	4 4	L/2-108.5 H-128
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1 2	L H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central rabbet</i>	2 3	L-124 H-124
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	4 4	L/2-128.5 H-148
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	4 4	L/2-128.5 H-148
AGP 4006	Battuta riporto <i>rabbet gasket</i>	1	H-114

DISTINTE DI TAGLIO

Cutting lists



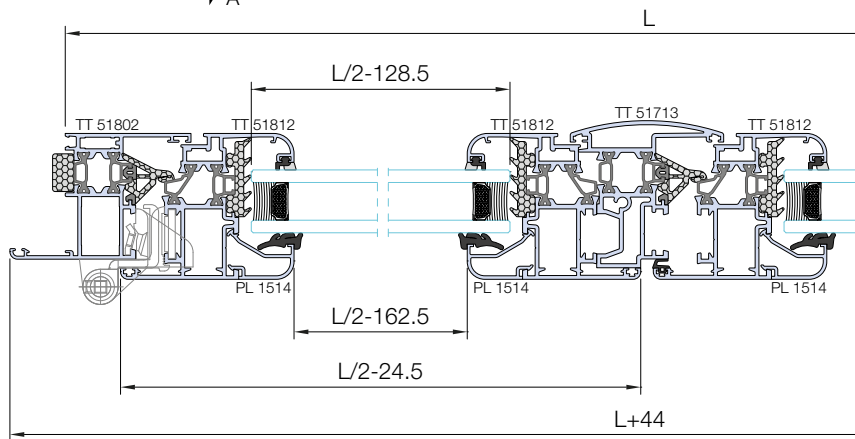
T/T 2 leaves windows

Finestra 2 ante ribalta

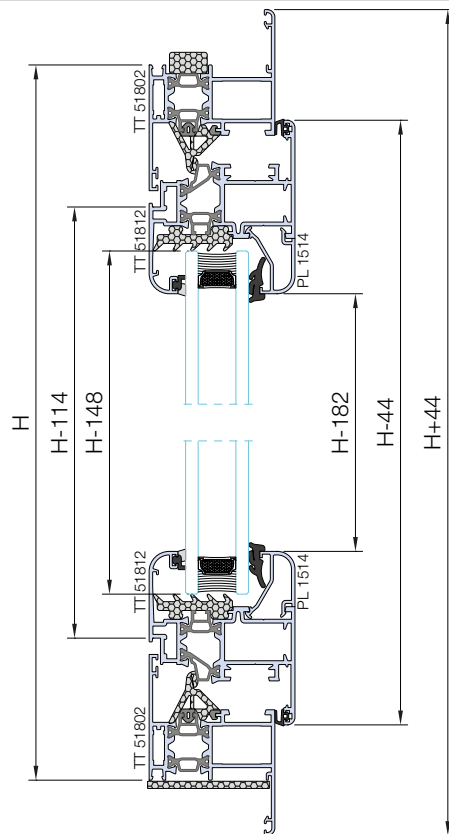
Glass list

Distinta vetri

Pezzi	L	H
2	L/2-128.5	H-148



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio <i>transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 51812	Traverso anta <i>transom leaf</i>	4	L/2-24.5	
	Montante anta <i>mullion leaf</i>	4	H-44	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	4	L/2-162.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H-182	
TT 51713	Riporto centrale <i>central cap</i>	1	H-114	

Distinta accessori

Accessories

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	12 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	24 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	12 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	8 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner bracket</i>	12 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	24 pz
ACP 50156	Kit anta ribalta <i>tilt & turn set</i>	1 kit
ACP 5052	Kit catenaccioli <i>metal bolts kit</i>	1 kit
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 5043	Kit cerniere anta abbinata <i>hinge set for matched leaf</i>	1 kit
ACP 50176	Cremonese Aurora <i>Cremonese Aurora</i>	1 pz
ACP 5046/...	Braccio ribalta <i>tilt window arm</i>	1 pz
ACP 5014	Angoletto fermavetro <i>glazing bead corner</i>	8 pz
ACP 55180	Tappo di riporto <i>plug for central connection profile</i>	1 cp

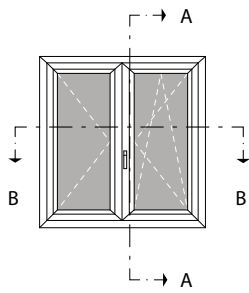
Distinte di taglio

Cutting lists

Distinta guarnizioni

Gaskets list

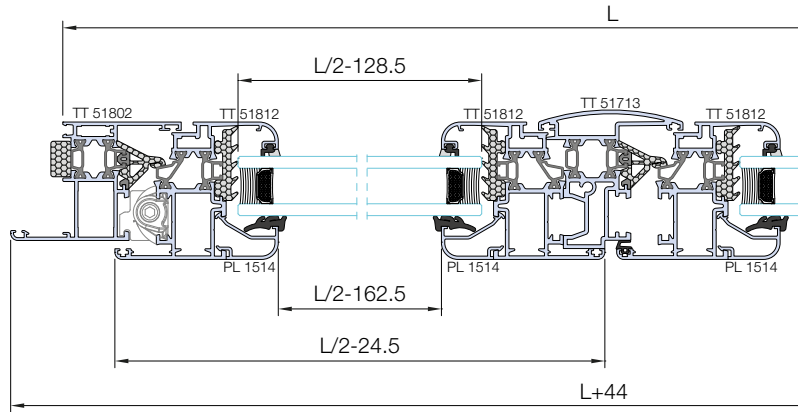
Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	4 3	L/2-24.5 H-44
AGP 40131	Sottovetro <i>glazing strip</i>	4 4	L/2-108.5 H-128
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1 2	L H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central rabbet</i>	2 3	L-124 H-124
Dipende dal vetro	Vetro esterno <i>external glass gasket</i>	4 4	L/2-128.5 H-148
Dipende dal vetro	Vetro interno <i>internal glass gasket</i>	4 4	L/2-128.5 H-148
AGP 4006	Battuta riporto <i>rabbet gasket</i>	1	H-114



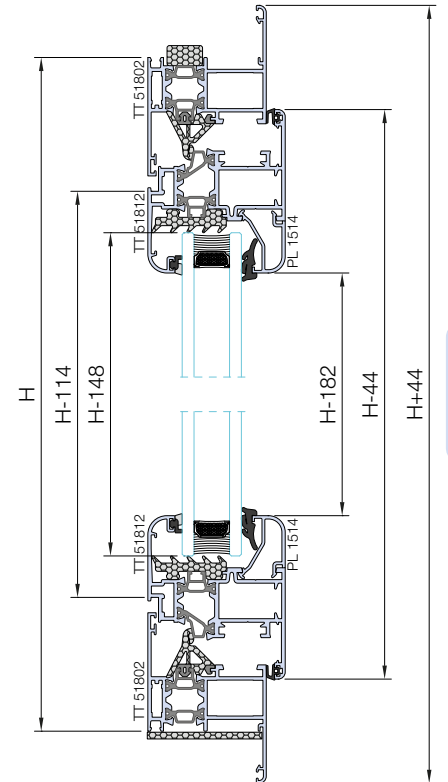
T/T Window
2 leaves
with Secret hardware
Glass list

Finestra
2 ante ribalta
con ferramenta Secret
Distinta vetri

Pezzi	L	H
2	L/2-128.5	H-148



Sez. B-B



Sez. A-A

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio <i>transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 51812	Traverso anta <i>transom leaf</i>	4	L/2-24.5	
	Montante anta <i>mullion leaf</i>	4	H-44	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	4	L/2-162.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H-182	
TT 51713	Riporto centrale <i>central cap</i>	1	H-114	

Accessories

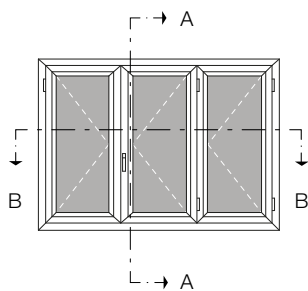
Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	12 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	24 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	12 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	8 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner cleat</i>	12 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	24 pz
ACP 5150/D	Kit anta ribalta SECRET <i>tilt & turn set</i>	1 kit
ACP 5157	Kit catenacciolo con manovra <i>metal bolt set</i>	1 kit
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 55180	Tappo riporto <i>plug for central connection profile</i>	1 cp
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 5161	Kit cerniere anta passiva <i>hinge set to combine leaf</i>	1 kit
ACP 50314	Exens Aurora <i>exens Aurora</i>	1 pz
ACP 5158	Incontro per anta passiva <i>keeper passive leaf</i>	1 pz
ACP 5014	Angoletto fermavetro <i>casement windows set</i>	8 pz
ACP 5160	Kit manovra <i>tilt & turn set</i>	1 kit

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	4 3	L/2-24.5 H-44
AGP 40131	Sotto vetro <i>glazing strip</i>	4 4	L/2-108.5 H-128
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1 2	L H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central rabbet</i>	2 3	L-124 H-124
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	4 4	L/2-128.5 H-148
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	4 4	L/2-128.5 H-148
AGP 4006	Battuta riporto <i>rabbet gasket</i>	1	H-114

DISTINTE DITAGLIO

Cutting lists



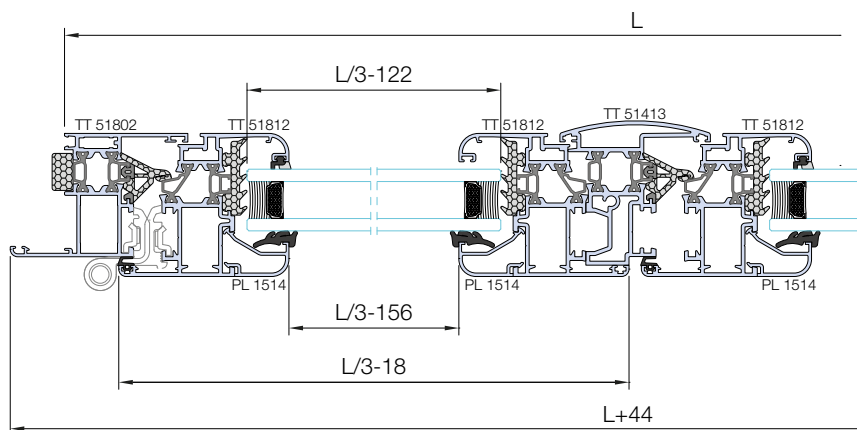
3 leaf windows

Finestra 3 ante

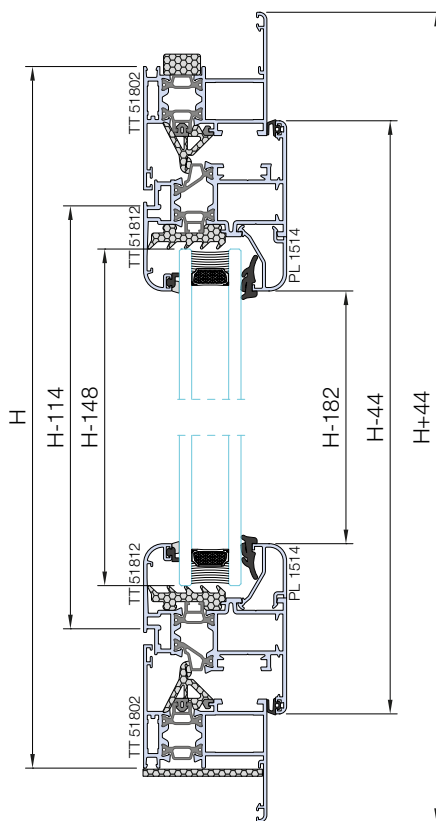
Glass list

Distinta vetri

Pezzi	L	H
3	L/3-122	H-148



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio superiore <i>head transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 51812	Traverso anta <i>sil transom frame</i>	6	L/3-18	
	Montante anta <i>transom leaf</i>	6	H-44	
PL 1514	Traverso fermavetro <i>mullion leaf</i>	6	L/3-156	
	Montante fermavetro <i>transom glazing bead</i>	6	H-182	
TT 51713	Riporto centrale <i>central cap</i>	2	H-114	

Distinta accessori

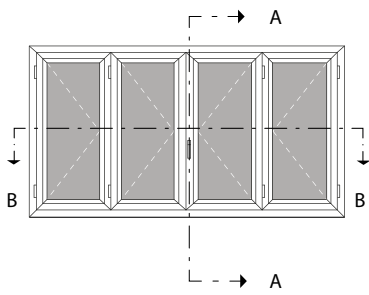
Accessories

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	16 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	32 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	16 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	12 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner bracket</i>	16 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	32 pz
ACP 5005	Cerniera <i>hinge for flat frames</i>	4 pz
ACP 5022	Catenacciolo <i>metal bolt</i>	4 pz
ACP 50200	Cremonese Aurora <i>Cremonese Aurora</i>	1 pz
ACP 5014	Angolini fermavetro <i>glazing bead corner</i>	12 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 55180	Tappo riporto <i>plug for central connection profile</i>	2 cp
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 5007	Cerniera 3ª anta <i>3rd leaf hinge</i>	2 pz
ACP 5081	Incontro asta <i>rod striker</i>	2 pz
ACP 5026	Piastrino sostegno anta <i>plate leaf support</i>	1 pz
ACP 50175	Kit chiusura finestra battente 1 anta <i>casement windows closing kit</i>	1 kit

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	6 4	L/3-18 H-44
AGP 40131	Sottovetro <i>glazing strip</i>	6 6	L/3-102 H-128
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1 2	L H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central beat</i>	2 4	L-124 H-124
Dipende dal vetro	Vetro esterno <i>external glass gasket</i>	6 6	L/3-122 H-148
Dipende dal vetro	Vetro interno <i>internal glass gasket</i>	6 6	L/3-122 H-148
AGP 4006	Battuta riporto <i>rabbet gasket</i>	2	H-114



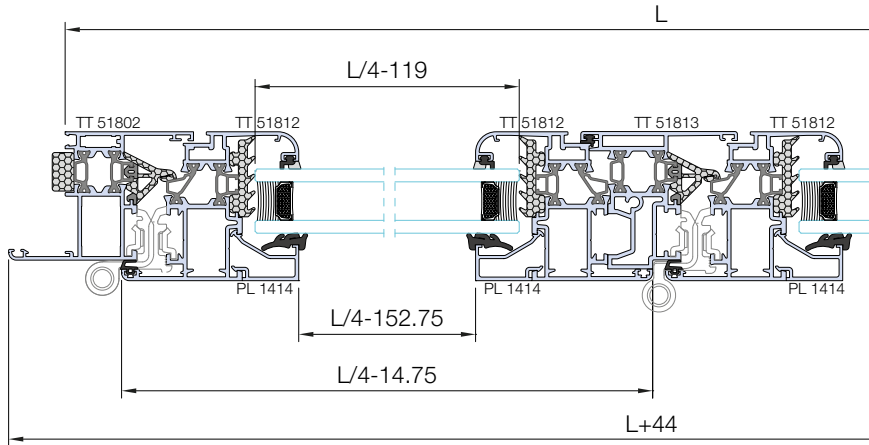
Window
4 leaves

Finestra
4 ante

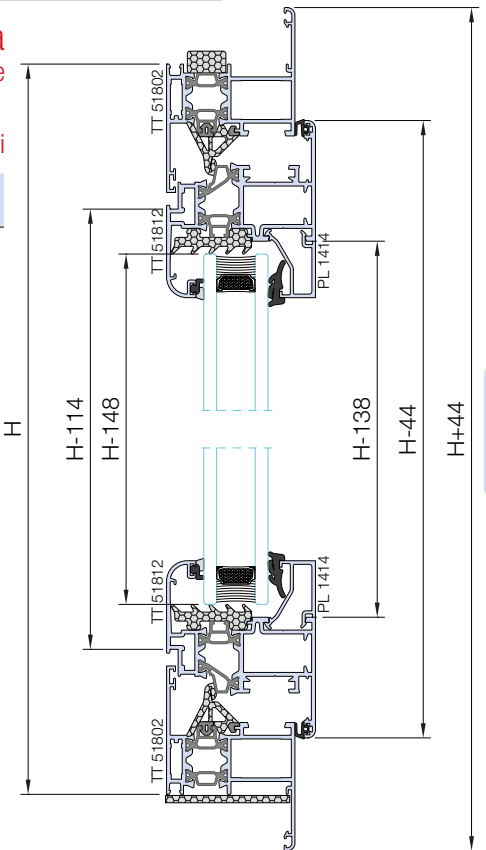
Glass list

Distinta vetri

Pezzi	L	H
4	L/4-119	H-148



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio <i>transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 51812	Traverso anta <i>sil transom frame</i>	8	L/4-14.75	
	Montante anta <i>transom leaf</i>	8	H-44	
PL 1414	Traverso fermavetro <i>mullion leaf</i>	8	L/4-152.75	
	Montante fermavetro <i>transom glazing bead</i>	8	H-138	
TT 51813	Riporto centrale <i>central cap</i>	3	H-114	

Distinta accessori
Accessories

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	20 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	40 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	20 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	16 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner bracket</i>	20 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	40 pz
ACP 5005	Cerniera <i>hinge for flat frames</i>	4 pz
ACP 5007	Cerniera 3ª anta <i>hinge for 3ª leaf</i>	4 pz
ACP 50200	Cremonese Aurora <i>Cremonese Aurora</i>	1 pz
ACP 5022	Catenacciolo <i>metal bolt</i>	6 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 55180	Tappo riporto <i>plug for central connection profile</i>	3 cp
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 50175	Kit chiusura finestra battente 1 anta <i>asement windows set</i>	1 kit
ACP 5026	Piastrina sostegno anta <i>plastic support for leaf</i>	2 pz
ACP 5081	incontro asta singolo <i>single rod keeper</i>	4 pz

Distinta guarnizioni
Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	8 5	L/4-14 H-44
AGP 40131	Sottovetro <i>glazing strip</i>	8 8	L/4-99 H-128
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1 2	L H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central beat</i>	2 5	L-124 H-124
Dipende dal vetro	Vetro esterno <i>external glass gasket</i>	8 8	L/4-119 H-148
Dipende dal vetro	Vetro interno <i>internal glass gasket</i>	8 8	L/4-119 H-148
AGP 4006	Battuta riporto <i>rabbit gasket</i>	3	H-114

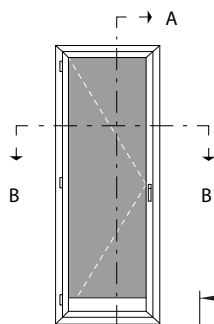
Distinta di taglio
Cutting lists

Door window
1 leaf

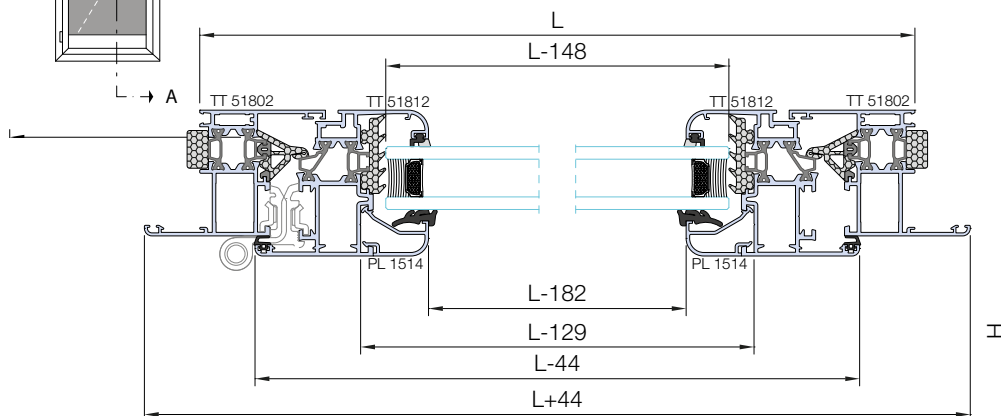
Porta finestra
1 anta

Glass list

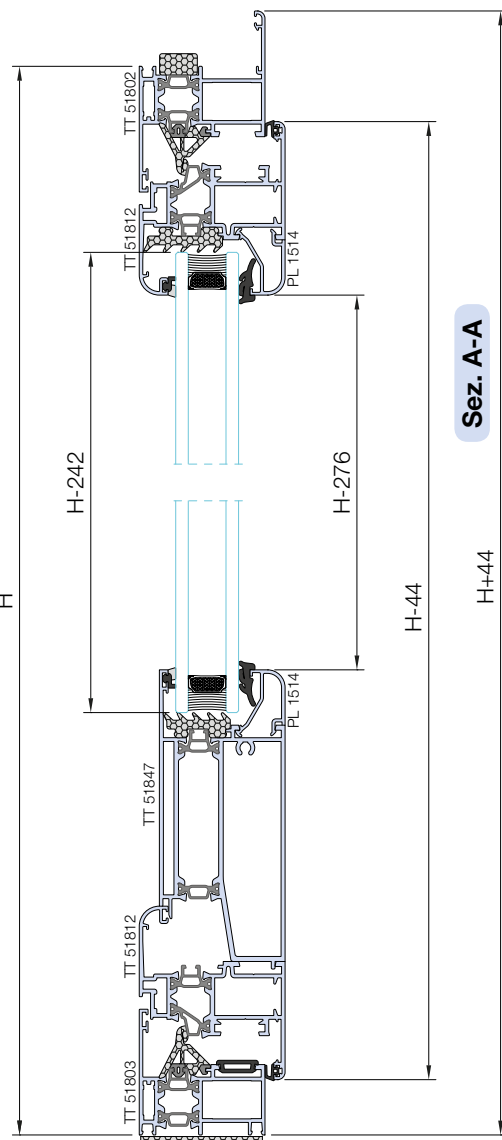
Distinta vetri



Pezzi	L	H
1	L-148	H-242



Sez. B-B



Sez. A-A

Profiles list
Distinta profili

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio superiore <i>head transom frame</i>	1	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 51803	Traverso telaio inferiore <i>threshold transom frame</i>	1	L	
TT 51812	Traverso anta <i>transom leaf</i>	2	L-44	
	Montante anta <i>mullion leaf</i>	2	H-44	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	2	L-182	
	Montante fermavetro <i>mullion glazing bead</i>	2	H-276	
TT 51847	Zoccolo riportato <i>fitted base</i>	1	L-129	

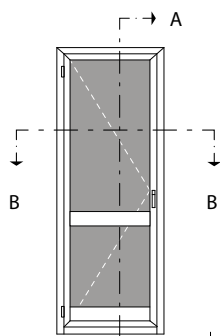
Glazing list
DISTINTE DI TAGLIO

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	2	L-44
		2	H-44
AGP 40131	Sotto vetro <i>glazing strip</i>	2	L-128
		2	H-242
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1	L
		2	H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central beat</i>	2	L-124
		2	H-124
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	2	L-148
		2	H-242
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	2	L-148
		2	H-242
AGP 4040	Copricava soglia <i>abtument insulation</i>	1	L-44

Gaskets list
Distinta guarnizioni

Accessories list
Distinta accessori

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	8 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	16 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	6 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	4 pz
ACP 50153	Squadretta cianfrinare. est. <i>alignment corner cleat</i>	8 pz
ACP 5030	Spina ø3mm <i>ø3 mm pin</i>	16 pz
ACP 5005	Cerniera <i>hinge for flat frames</i>	3 pz
ACP 50200	Cremonese Aurora <i>Cremonese Aurora</i>	1 pz
ACP 50175	Kit chiusura finestra battente a 1 anta <i>asement windows set</i>	1 kit
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 5014	Angoletto fermavetro <i>Round glazing bead angle</i>	4 pz
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz



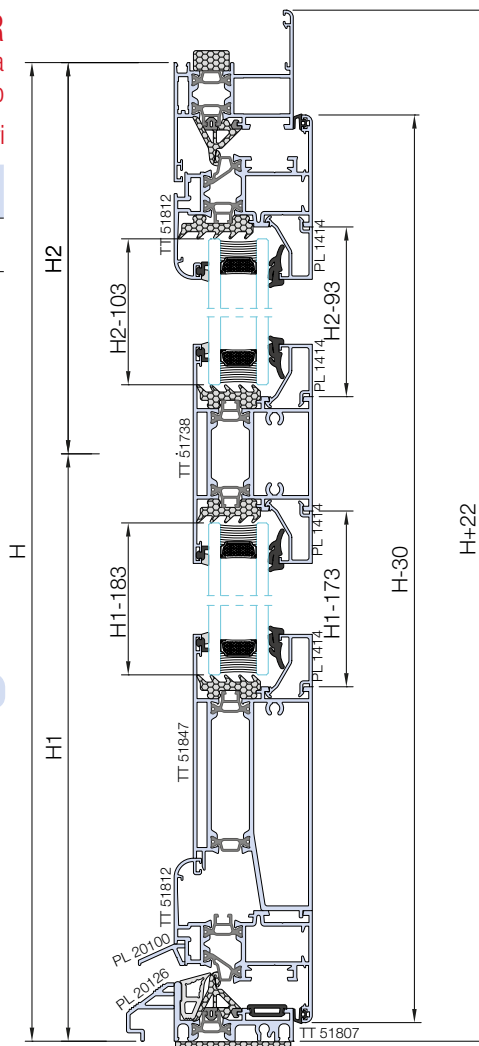
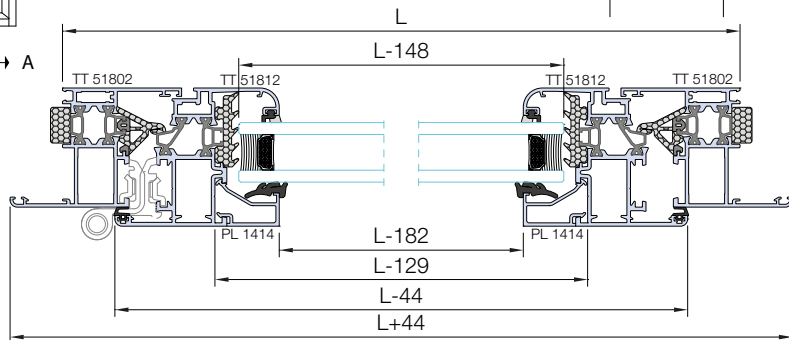
Door window T/T
1 leaf lowered threshold
with transom

Porta finestra A/R
1 anta soglia ribassata
con traverso

Glass list

Distinta vetri

Pezzi	L	H
1	L-148	H1-183
1	L-148	H2-103



Profiles list
Distinta profili

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio superiore head transom frame	1	L+44	
	Montante telaio mullion frame	2	H+22	
TT 51807	Soglia ribassata 25 mm low threshold 25 mm	1	L-47	
TT 51812	Traverso anta transom leaf	2	L-44	
	Montante anta mullion leaf	2	H-30	
PL 1414	Traverso fermavetro transom glazing bead	4	L-182	
	Montante fermavetro mullion glazing bead	2	H1-173	
	Montante fermavetro mullion glazing bead	2	H2-93	
TT 51847	Zoccolo riportato fitted base	1	L-129	
PL 20126	Rinforzo soglia ribassata low threshold	1	L	
PL 20100	Gocciolatoio drip fin	1	L-110	
TT 51738	Fascia crosspiece	1	L-129	

Sez. B-B

Accessories
Distinta accessori

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione corner cleat	6 pz
ACP 5001	Vite per squadretta screw for corner cleat	12 pz
ACP 5008	Squadretta all. inox inox corner cleat	6 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	4 pz
ACP 50153	Squadretta cianfrinare. est. alignment corner cleat	6 pz
ACP 5030	Spina ø3mm Ø3 mm pin	12 pz
ACP 50539	Regolo muro obliquo oblique wall spacer	6/8 pz
AGP 50185	Angolo vulcanizzato vulcanized corner	4 pz
ACP 7208	Cavallotto di allineamento alignment clamp	4 pz
ACP 50156	Anta ribalta per telai piani tilt & turn set	1 kit
ACP 50176	Cremonese Aurora cremonese Aurora	1 pz
ACP 5046/2	Braccio ribalta tilt window arm	1 pz

Gaskets list
Distinta guarnizioni

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	2 2	L-44 H-30
AGP 40131	Sotto vetro glazing strip	4 2	L-128 H1-163 H2-83
AGP 5033/15	Isolamento muro wall insulation	1 2	L H
AGP 5037	Isolamento muro wall insulation	1	L
AGP 50172	Pinna giunto aperto central beat	2 2	L-124 H-114
Dipende dal vetro	Vetro esterna external glass gasket	4 2	L-148 H1-183 H2-103
Dipende dal vetro	Vetro interna internal glass gasket	4 2	L-148 H1-183 H2-103
AGP 4040	Copricava soglia abutment insulation	1	L-44
AGP 6502	Guarnizione supplementare additional gasket	1	L-124

Sez. A-A

DISTINTE DI TAGLIO
Cutting lists

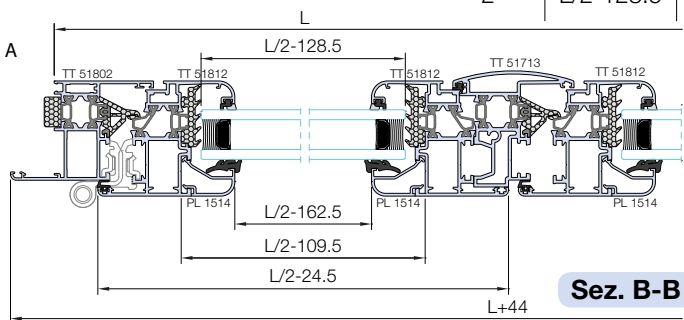
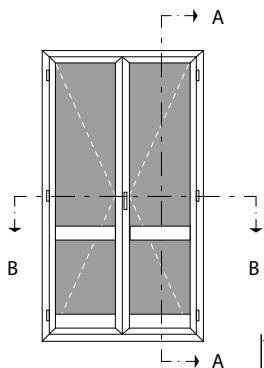
Door window
2 leaves with transom

Porta finestra
2 ante con traverso

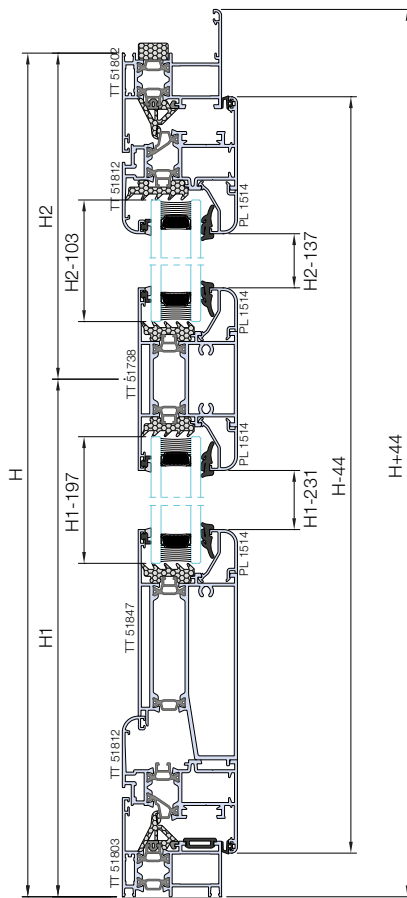
Glass list

Distinta vetri

Pezzi	L	H
2	L/2-128.5	H1-197
2	L/2-128.5	H2-103



Sez. B-B



Sez. A-A

Profiles list
Distinta profili

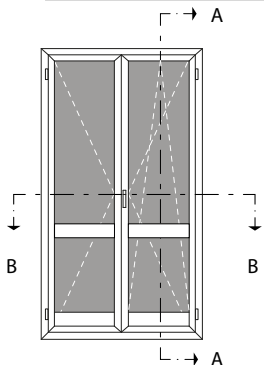
Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio superiore <i>head transom frame</i>	1	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 51803	Traverso telaio inferiore <i>threshold transom frame</i>	1	L	
TT 51812	Traverso anta <i>transom leaf</i>	4	L/2-24.5	
	Montante anta <i>mullion leaf</i>	4	H-44	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	8	L/2-162.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H1-231	
	Montante fermavetro <i>mullion glazing bead</i>	4	H2-137	
TT 51847	Zoccolo riportato <i>fitted base</i>	2	L/2-109.5	
TT 51738	Fascia <i>crosspiece</i>	2	L/2-109.5	
TT 51713	Ripporto centrale <i>central cap</i>	1	H-114	

Gaskets list
Distinta guarnizioni

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	4	L/2-24.5
		3	H-44
AGP 40131	Sottovetro <i>glazing strip</i>	8	L/2-108.5
		4	H1-177
		4	H2-83
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1	L
		2	H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central rabbet</i>	2 3	L-124 H-124
Dipende dal vetro	Vetro esterno <i>external glass gasket</i>	8	L/2-128.5
		4	H1-197
		4	H2-103
Dipende dal vetro	Vetro interno <i>internal glass gasket</i>	8	L/2-128.5
		4	H1-197
		4	H2-103
AGP 4040	Copricava soglia <i>abutment insulation</i>	1	L-44
AGP 4006	Battuta riporto <i>rabbet gasket</i>	1	H-114

Accessories
Distinta accessori

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	12 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	24 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	10 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	8 pz
ACP 50153	Squadretta cianfrinare. est. <i>alignment corner cleat</i>	12 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	24 pz
ACP 5005	Cerniera <i>hinge for flat frames</i>	6 pz
ACP 50200	Cremonese Aurora <i>Cremonese Aurora</i>	1 pz
ACP 5022	Catenacciolo <i>bolt</i>	2 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	16 pz
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 55180	Tappo riporto <i>plug for central connection profile</i>	1 cp
ACP 7208	Cavalotto allineamento <i>alignment clamp</i>	8 pz
ACP 50175	Kit chiusura finestra battente a 1 anta <i>asement windows set</i>	1 kit
ACP 5021	3ª chiusura registrabile <i>adjustable locking piece</i>	2 pz



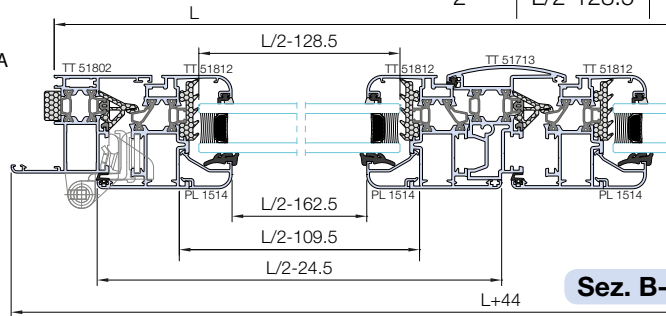
T/T Door window
2 leaves lowered threshold
with transom

Porta finestra
2 ante ribalta soglia ribassata
con traverso

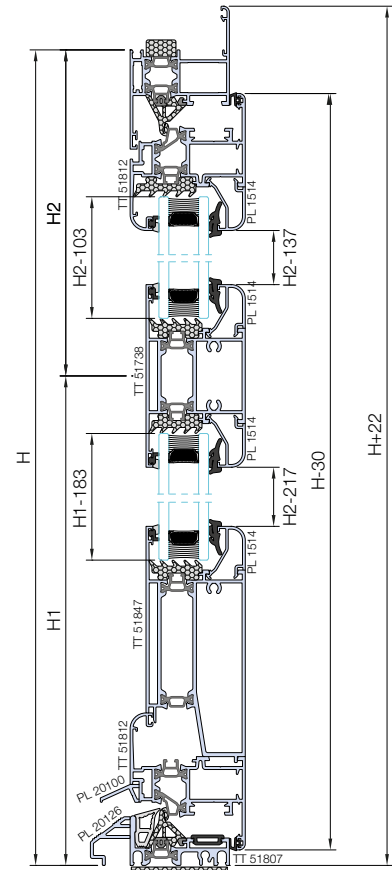
Glass list

Distinta vetri

Pezzi	L	H
2	L/2-128.5	H1-183
2	L/2-128.5	H2-103



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio superiore <i>head transom frame</i>	1	L+44	
	Montante telaio <i>mullion frame</i>	2	H+22	
TT 51807	Soglia ribassata 25 mm <i>low threshold 25 mm</i>	1	L-47	
TT 51812	Traverso anta <i>transom leaf</i>	4	L/2-24.5	
	Montante anta <i>mullion leaf</i>	4	H-30	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	8	L/2-162.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H1-217	
	Montante fermavetro <i>mullion glazing bead</i>	4	H2-137	
TT 51847	Zoccolo riportato <i>fitted base</i>	2	L/2-109.5	
TT 51738	Fascia <i>crosspiece</i>	2	L/2-109.5	
TT 51713	Riporto centrale <i>central cap</i>	1	H-100	
PL 20126	Rinforzo soglia ribassata <i>low threshold</i>	1	L	
PL 20100	Gocciolatoio <i>drip fin</i>	1	L-110	

Distinta accessori

Accessories

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	10 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	20 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	10 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	8 pz
ACP 50153	Squadretta cianfrinare. est. <i>alignment corner cleat</i>	10 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	20 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	16 pz
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 7208	Cavallotto allineamento <i>alignment clamp</i>	8 pz
ACP 55180	Tappo riporto <i>plug for central connection profile</i>	1 cp
ACP 50156	Kit chiusura anta ribalta <i>tilt & turn set</i>	1 kit
ACP 50176	Cremonese Aurora <i>cremonese Aurora</i>	1 pz
ACP 5046/2	Braccio ribalta <i>tilt window arm</i>	1 pz
ACP 5043	Kit cerniere anta passiva <i>hinge for leaf</i>	1 kit
ACP 5047	Chiusura anta abbinata <i>combined leaf latch set</i>	1 kit

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	4 3	L/2-24.5 H-30
AGP 40131	Sottovetro <i>glazing strip</i>	8 4	L/2-108.5 H1-177 H2-83
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1 2	L H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central rabbet</i>	1 3	L-124 H-114
Dipende dal vetro	Vetro esterno <i>external glass gasket</i>	8 4	L/2-128.5 H1-183 H2-103
Dipende dal vetro	Vetro interno <i>internal glass gasket</i>	8 4	L/2-128.5 H1-183 H2-103
AGP 4040	Copricava soglia <i>abturnent insulation</i>	1	L-44
AGP 4006	Battuta riporto <i>rabbet gasket</i>	1	H-100
AGP 6502	Guarnizione supplementare <i>additional gasket</i>	1	L-124

Distinte ditaglio

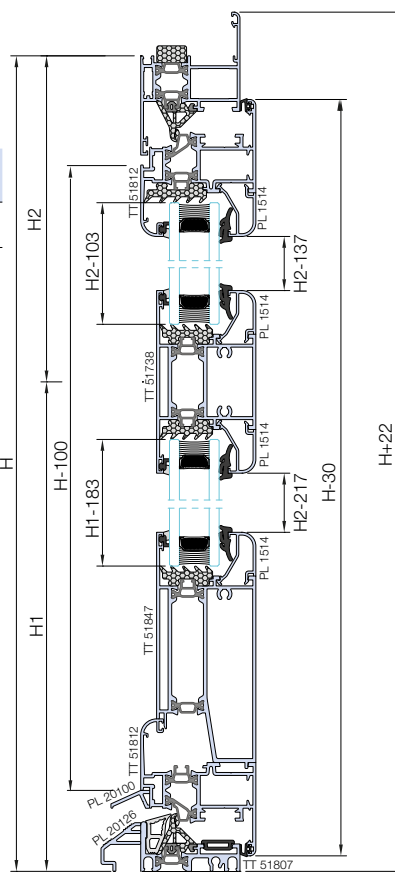
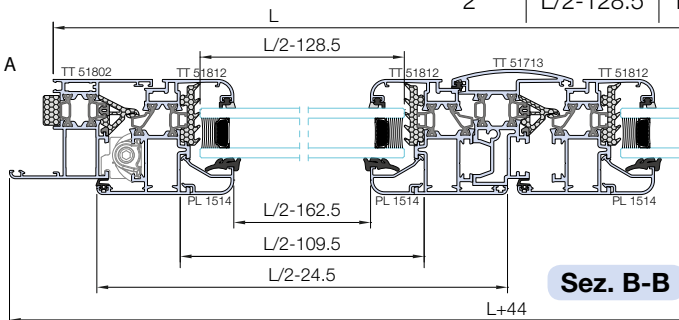
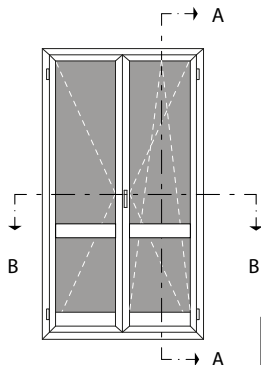
Cutting lists

T/T Door window
2 leaves Secret hardware
lowered threshold with transom

Porta finestra
2 ante ribalta ferramenta Secret
soglia ribassata con traverso

Glass list

Distinta vetri



Sez. A-A

Profiles list Distinta profili

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio superiore <i>head transom frame</i>	1	L+44	
	Montante telaio <i>mullion frame</i>	2	H+22	
TT 51807	Soglia ribassata 25 mm <i>low threshold 25 mm</i>	1	L-47	
TT 51812	Traverso anta <i>transom leaf</i>	4	L/2-24.5	
	Montante anta <i>mullion leaf</i>	4	H-30	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	8	L/2-162.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H1-217	
	Montante fermavetro <i>mullion glazing bead</i>	4	H2-137	
TT 51847	Zoccolo riportato <i>fitted base</i>	2	L/2-109.5	
TT 51738	Fascia <i>crosspiece</i>	2	L/2-109.5	
TT 51713	Riporto centrale <i>central cap</i>	1	H-100	
PL 20126	Rinforzo soglia ribassata <i>low threshold</i>	1	L	
PL 20100	Gocciolatoio <i>drip fin</i>	1	L-110	

Accessories Distinta accessori

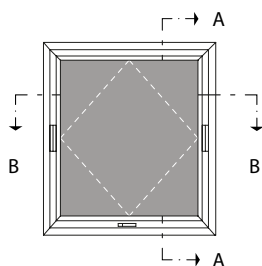
Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	10 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	20 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	10 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	8 pz
ACP 50153	Squadretta cianfrinare. est. <i>alignment corner cleat</i>	10 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	20 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	16 pz
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 7208	Cavallotto allineamento <i>alignment clamp</i>	8 pz
ACP 55180	Tappo riporto <i>plug for central connection profile</i>	1 cp
ACP 5150	Kit anta ribalta SECRET <i>tilt & turn SECRET set</i>	1 kit
ACP 5160	Kit manovra <i>tilt & turn set</i>	1 kit
ACP 5161	Kit cerniere anta passiva <i>hinge for leaf</i>	1 kit
ACP 5157	Kit catenaccioli con manovra <i>bolt set</i>	1 kit
ACP 50314	Exens Aurora <i>exens Aurora</i>	1 kit
ACP 5158	Incontro per anta passiva <i>keeper passive leaf</i>	1 pz

Gaskets list Distinta guarnizioni

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	4 3	L/2-24.5 H-30
AGP 40131	Sottovetro <i>glazing strip</i>	8 2	L/2-108.5 H1-177 H2-83
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1 2	L H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central rabbet</i>	1 3	L-124 H-114
Dipende dal vetro	Vetro esterno <i>external glass gasket</i>	8 4	L/2-128.5 H1-183 H2-103
Dipende dal vetro	Vetro interno <i>internal glass gasket</i>	8 4	L/2-128.5 H1-183 H2-103
AGP 4040	Copricava soglia <i>abturnent insulation</i>	1	L-44
AGP 4006	Battuta riporto <i>rabbet gasket</i>	1	H-100
AGP 6502	Guarnizione supplementare <i>additional gasket</i>	1	L-124

Horizontal pivot window glazing bead solution

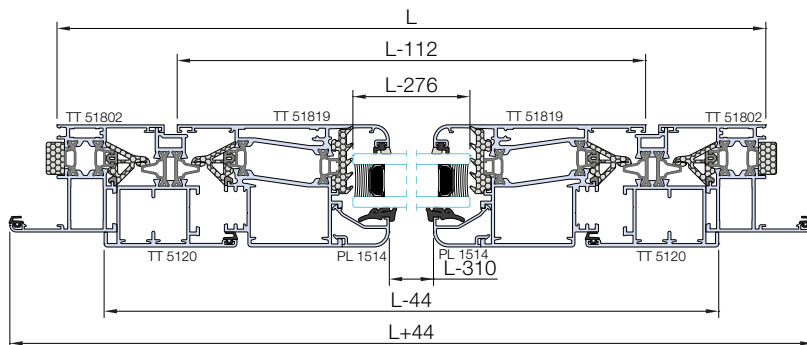
Bilico orizzontale



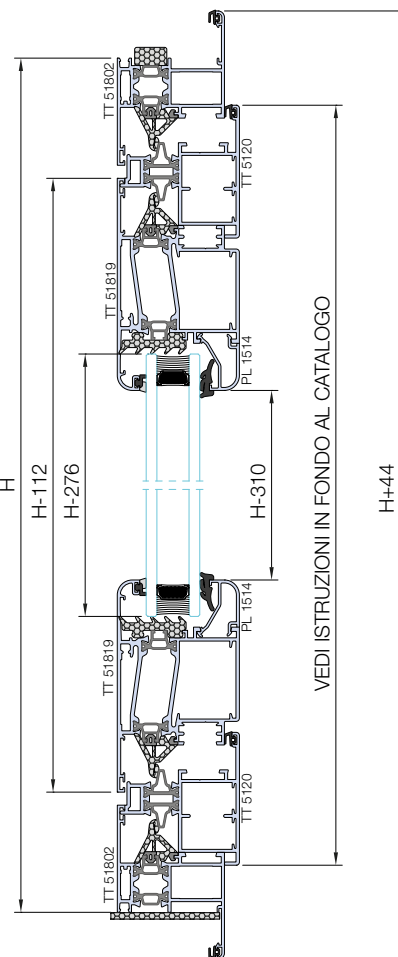
Glass list

Distinta vetri

Pezzi	L	H
1	L-276	H-276



Sez. B-B



VEDI ISTRUZIONI IN FONDO AL CATALOGO

Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51802	Traverso telaio <i>transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 51819	Traverso anta <i>transom leaf</i>	2	L-112	
	Montante anta <i>mullion leaf</i>	2	H-112	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	2	L-310	
	Montante fermavetro <i>mullion glazing bead</i>	2	H-310	
TT 5120	Traverso inversione <i>transom</i>	2	L-44	
	Montante inversione <i>mullion</i>	vedi istruzioni a fondo catalogo		

Accessories

Distinta accessori

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	8 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	8 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	4 pz
ACP 50153	Squadretta cianfrinare. est. <i>alignment corner cleat</i>	4 pz
ACP 5030	Spina $\varnothing 3\text{mm}$ <i>Ø3 mm pin</i>	16 pz
ACP 50154	Squadretta cianfrinare est. <i>alignment corner cleat</i>	4 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	4 pz
ACP 5092	Frizione bilico <i>friction joint for horizontal pivot window</i>	2 pz
ACP 5802	Squadretta multifunzione <i>multi-purpose corner cleat</i>	4 pz
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 5094	Spessore <i>spacer</i>	2 pz
ACP 5001	Vite per ACP 5801/ACP 5802 <i>screw for ACP 5801/ACP 5802</i>	24 pz
ACP 50252	Martellina <i>martellina</i>	1 pz
ACP 50158	Chiusura 6 punti bilico <i>6 points horizontal pivot window</i>	1 kit
ACP 50267	Meccanismo martellina <i>martellina mechanism</i>	1 pz
ACP 50268	Perno per ACP 50267 <i>pin for ACP 50267</i>	2 pz
ACP 50119	Kit tappi invers. bilico orizzont. <i>horizontal pivot plugs</i>	1kit

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	2	L-44
		2	H-44
AGP 40131	Sottovetro <i>glazing strip</i>	2	L-256
		2	H-256
AGP 5033/15	Isolamento muro <i>wall insulation</i>	1	L
		2	H
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central beat</i>	2	L-112
		2	H-112
		2	L-144
		2	H-144
Dipende dal vetro	Vetro esterno <i>external glass gasket</i>	2	L-276
		2	H-276
Dipende dal vetro	Vetro interno <i>internal glass gasket</i>	2	L-276
		2	H-276

DISTINTE DITAGLIO

Cutting lists

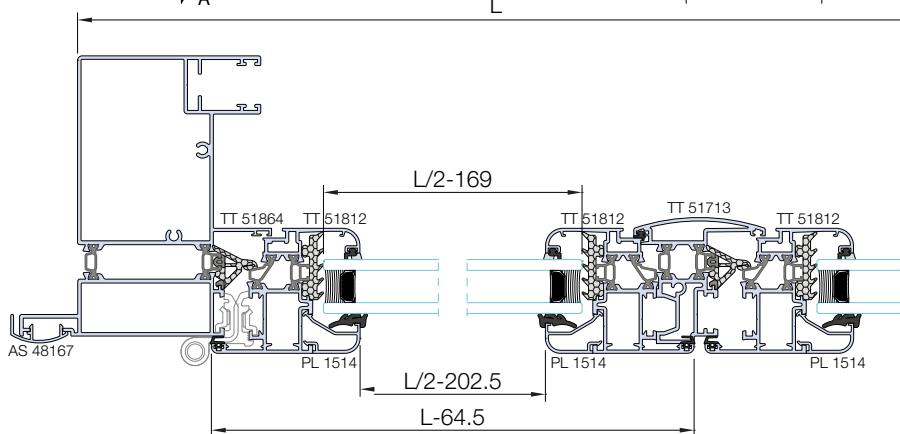
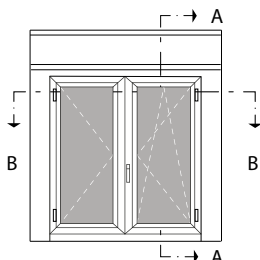
Monoblock window
T/T 2 leaves

Monoblocco
2 ante ribalta

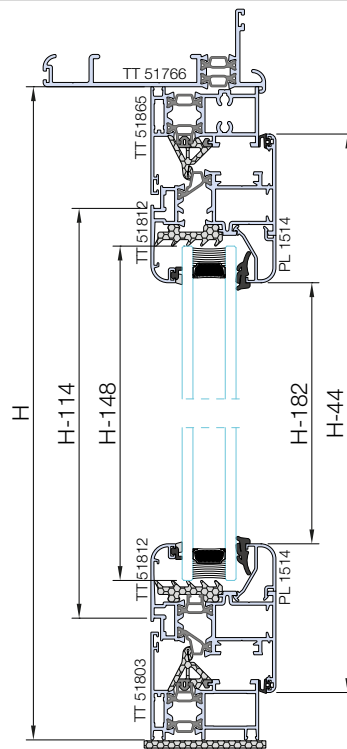
Glass list

Distinta vetri

Pezzi	L	H
1	L/2-169	H-148



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51803	Traverso telaio inferiore <i>threshold transom frame</i>	1	L-128	
TT 51865	Traverso telaio superiore <i>head transom frame</i>	1	L-128	
TT 51864	Montante telaio <i>mullion frame</i>	2	H	
TT 51812	Traverso anta <i>transom leaf</i>	4	L/2-64.5	
	Montante anta <i>mullion leaf</i>	4	H-44	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	4	L/2-202.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H-182	
TT 51713	Riporto centrale <i>central cap</i>	1	H-114	
TT 51766	Celino monoblocco <i>monoblock celino</i>	1	L	

Distinta accessori

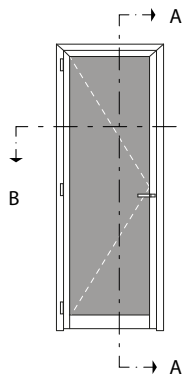
Accessories

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione <i>corner cleat</i>	8 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	16 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	8 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	8 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner cleat</i>	8 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	16 pz
ACP 50156	Kit anta ribalta <i>tilt & turn set</i>	1 kit
ACP 5047	Catenaccioli <i>metal bolt</i>	1 kit
ACP 55180	Tappo riporto <i>plug for central connection profile</i>	1 cp
AGP 50185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 5043	Kit cerniere anta passiva <i>hinge set to combine leaf to flat frame</i>	1 kit
ACP 50176	Cremonese Aurora monodirezione <i>monodir. Cremonese Aurora</i>	1 pz
ACP 5046/..	Braccio anta ribalta <i>tilt window armscrew</i>	1 pz
ACP 5014	Angoletto fermavetro <i>casement windows set</i>	8 pz

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	4 3	L/2-64.5 H-44
AGP 40131	Sottovetro <i>glazing strip</i>	4 4	L/2-149 H-128
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 50172	Pinna giunto aperto <i>central beat</i>	2 2	L-198 H-124
Dipende dal vetro	Vetro esterno <i>external glass gasket</i>	4 4	L/2-169 H-148
Dipende dal vetro	Vetro interno <i>internal glass gasket</i>	4 4	L/2-169 H-148
AGP 4006	Battuta riporto <i>rabbet gasket</i>	1	H-114



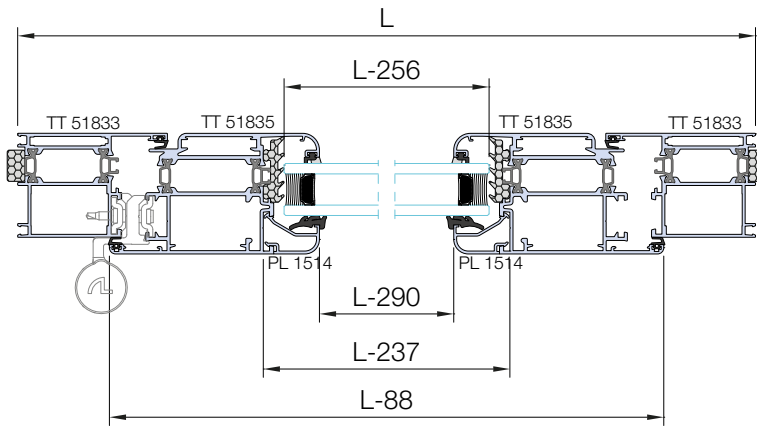
Entrance door
1 leaf open in

Portoncino
1 anta apertura interna

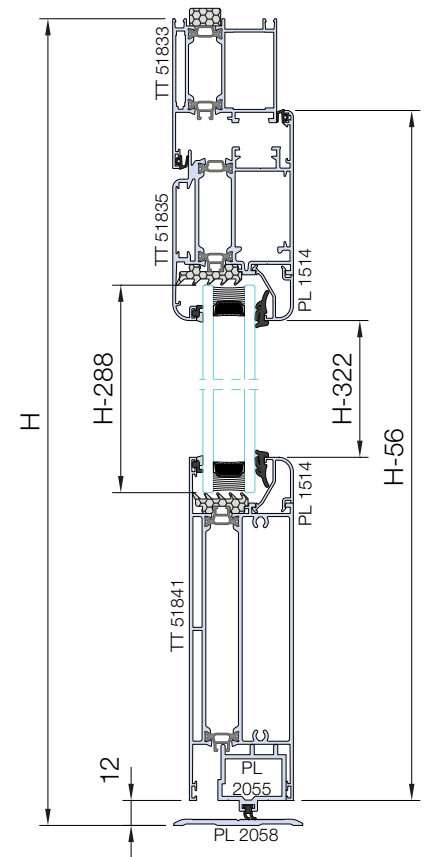
Glass list

Distinta vetri

Pezzi	L	H
1	L-256	H-288



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51833	Traverso telaio L <i>L transom frame</i>	1	L	
	Montante telaio L <i>L mullion frame</i>	2	H	
TT 51835	Traverso anta <i>transom leaf</i>	1	L-88	
	Montante anta <i>mullion leaf</i>	2	H-56	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	2	L-290	
	Montante fermavetro <i>mullion glazing bead</i>	2	H-322	
TT 51841	Zoccolo <i>fitted base</i>	1	L-237	
PL 2055	Porta spazzolino <i>brush holder</i>	1	L-237	
PL 2058	Soglia calpestabile <i>treadable threshold</i>	1	L-100	

Distinta accessori

Accessories

Art.	Descrizione	Q.tà
ACP 9918	Cerniera due ali <i>2-wings strong hinge</i>	3 pz
ACP 5802	Squadretta multifunzione <i>multi-purpose corner cleat</i>	4 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	2 pz
ACP 50154	Squadretta cianfrinare. est. <i>alignment corner cleat</i>	4 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	8 pz
ACP 50239	Doppia maniglia <i>double handle</i>	1 cp
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	2 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	4 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	8 pz
ACP 99124	Cover cerniera ACP 9918 <i>cover for ACP 9918</i>	3 pz
ACP 99125	Piastrino registrabile <i>Adjustable plate</i>	1 pz
ACP 5072	Tappo sottoporta per TT 51835 <i>underdoor plug for TT 51835</i>	1 cp

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000		Battuta	L-134
			L-88
			H-62
			H-44
AGP 40131		2	L-236
		2	H-261
AGP 5033/15		1	L
		2	H
Dipende dal vetro		2	L-256
		2	H-288
Dipende dal vetro		2	L-256
		2	H-288
AGP 7202		1	L-100

DISTINTE DITAGLIO

Cutting lists

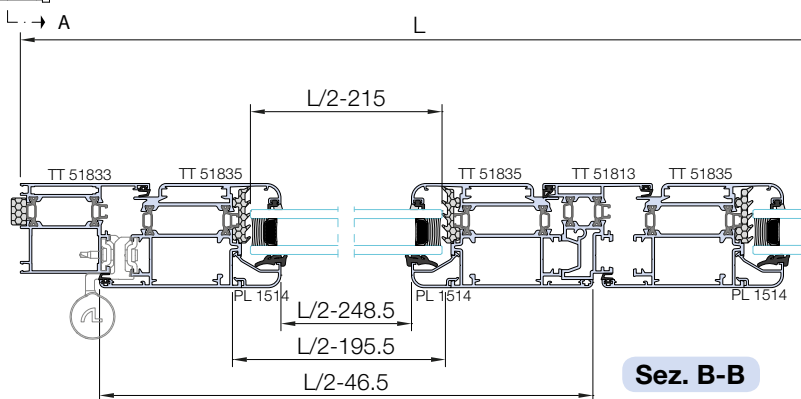
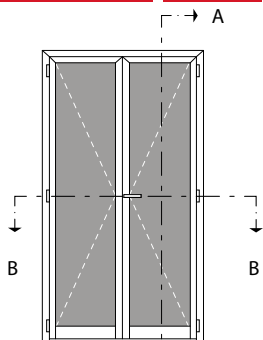
Entrance door
2 leaves open in

Portoncino
2 ante apertura interna

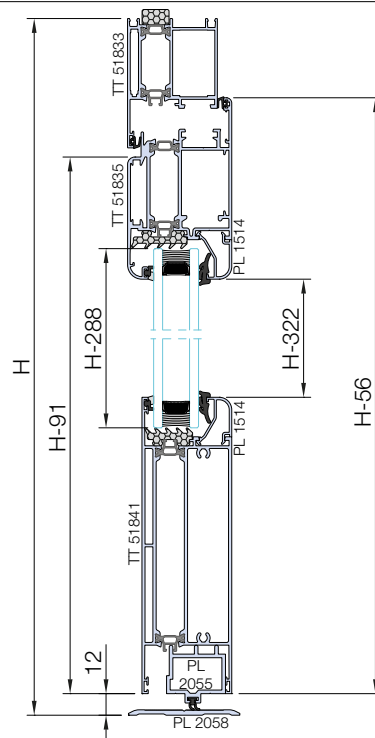
Glass list

Distinta vetri

Pezzi	L	H
2	L/2-215	H-288



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51833	Traverso telaio <i>transom frame</i>	1	L	
	Montante telaio <i>mullion frame</i>	2	H	
TT 51835	Traverso anta <i>transom leaf</i>	2	L/2-46.5	
	Montante anta <i>mullion leaf</i>	4	H-56	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	4	L/2-248.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H-322	
TT 51813	Riporto centrale <i>fitted base</i>	1	H-91	
TT 51841	Zoccolo <i>fitted base</i>	2	L/2-195.5	
PL 2055	Porta spazzolino <i>brush holder</i>	2	L/2-195.5	
PL 2058	Soglia calpestabile <i>treadable threshold</i>	1	L-100	

Distinta accessori

Accessories

Art.	Descrizione	Q.tà
ACP 9918	Cerniera due ali <i>2-wings strong hinge</i>	6 pz
ACP 5802	Squadretta multifunzione <i>multi-purpose corner cleat</i>	6 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	4 pz
ACP 50154	Squadretta cianfrinare. est. <i>alignment corner cleat</i>	6 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	12 pz
ACP 50239	Doppia maniglia <i>double handle</i>	1 cp
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	4 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	8 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	12 pz
ACP 99124	Cover cerniera ACP 9918 <i>cover for ACP 9918</i>	6 pz
ACP 99125	Piastrino registrabile <i>Adjustable plate</i>	2 pz
ACP 5072	Tappo sottoporta per TT 51835 <i>underdoor plug for TT 51835</i>	2 cp
ACP 5022	Catenacciolo <i>bolt</i>	1 cp
ACP 5081	Incontro asta <i>single rod keeper</i>	1 pz
ACP 55178	Tappo riporto <i>plug</i>	1 cp
ACP 5074	Tappo sottoporta per TT 51813 <i>underdoor plug for TT 51813</i>	1 cp

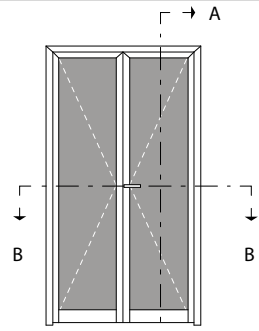
DISTINTE DI TAGLIO

Cutting lists

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000		Battuta	2
			1
			6
AGP 40131		Sotto vetro	4
			4
AGP 5033/15		Isolamento muro	1
			2
Dipende dal vetro		Vetro esterna	4
			4
Dipende dal vetro		Vetro interna	4
			4
AGP 4005		Battuta riporto	1
AGP 7202		Guarnizione sottoporta	1



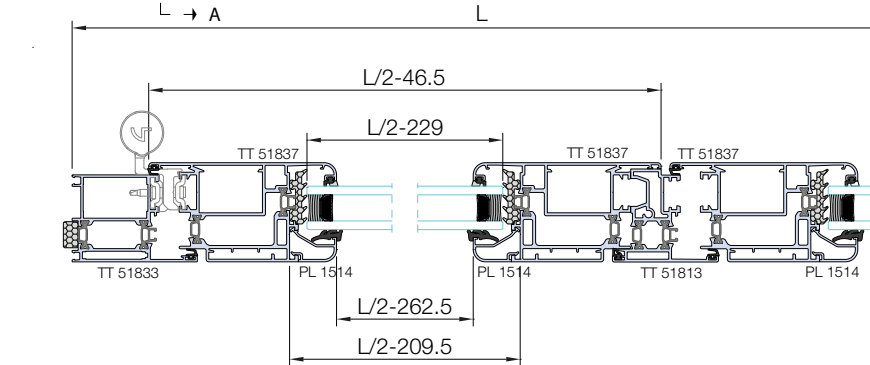
Entrance door
2 leaves open out

Portoncino
2 ante apertura esterna

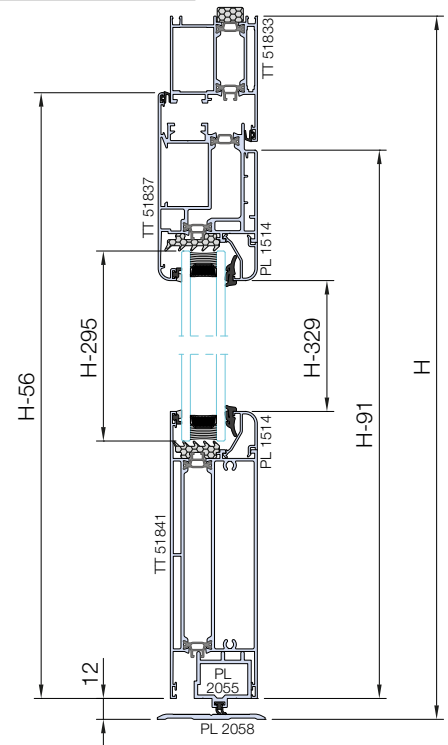
Glass list

Distinta vetri

Pezzi	L	H
2	L/2-229	H-295



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 51833	Traverso telaio <i>transom frame</i>	1	L	
	Montante telaio <i>mullion frame</i>	2	H	
TT 51837	Traverso anta <i>transom leaf</i>	2	L/2-46.5	
	Montante anta <i>mullion leaf</i>	4	H-56	
PL 1514	Traverso fermavetro <i>transom glazing bead</i>	4	L/2-262.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H-329	
TT 51813	Riporto centrale <i>fitted base</i>	1	H-91	
TT 51841	Zoccolo <i>fitted base</i>	2	L/2-209.5	
PL 2055	Porta spazzolino <i>brush holder</i>	2	L/2-209.5	
PL 2058	Soglia calpestabile <i>treadable threshold</i>	1	L-100	

Distinta accessori

Accessories

Art.	Descrizione	Q.tà
ACP 9918	Cerniera due ali <i>2-wings strong hinge</i>	6 pz
ACP 5802	Squadretta multifunzione <i>multi-purpose corner cleat</i>	6 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	4 pz
ACP 50154	Squadretta cianfrinare. est. <i>alignment corner cleat</i>	6 pz
ACP 5030	Spina ø3mm <i>Ø3 mm pin</i>	12 pz
ACP 50239	Doppia maniglia <i>double handle</i>	1 cp
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	4 pz
ACP 50539	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	8 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	12 pz
ACP 99124	Cover cerniera ACP 9918 <i>cover for ACP 9918</i>	6 pz
ACP 99125	Piastrino registrabile <i>Adjustable plate</i>	2 pz
ACP 5073	Tappo sottoporta per TT 51837 <i>underdoor plug for TT 51837</i>	2 cp
ACP 5022	Catenacciolo <i>bolt</i>	1 cp
ACP 5081	Incontro asta <i>single rod keeper</i>	1 pz
ACP 55178	Tappo riporto <i>plug</i>	1 cp
ACP 5074	Tappo sottoporta per TT 51813 <i>underdoor plug for TT 51813</i>	1 cp

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000		Battuta	2
			1
			6
AGP 40131		Sotto vetro	4
			4
AGP 5033/15		Isolamento spalla	1
			2
Dipende dal vetro		Vetro esterna	4
			4
Dipende dal vetro		Vetro interna	4
			4
AGP 4005		Battuta riporto	1
AGP 7202		Guarnizione sottoporta	1

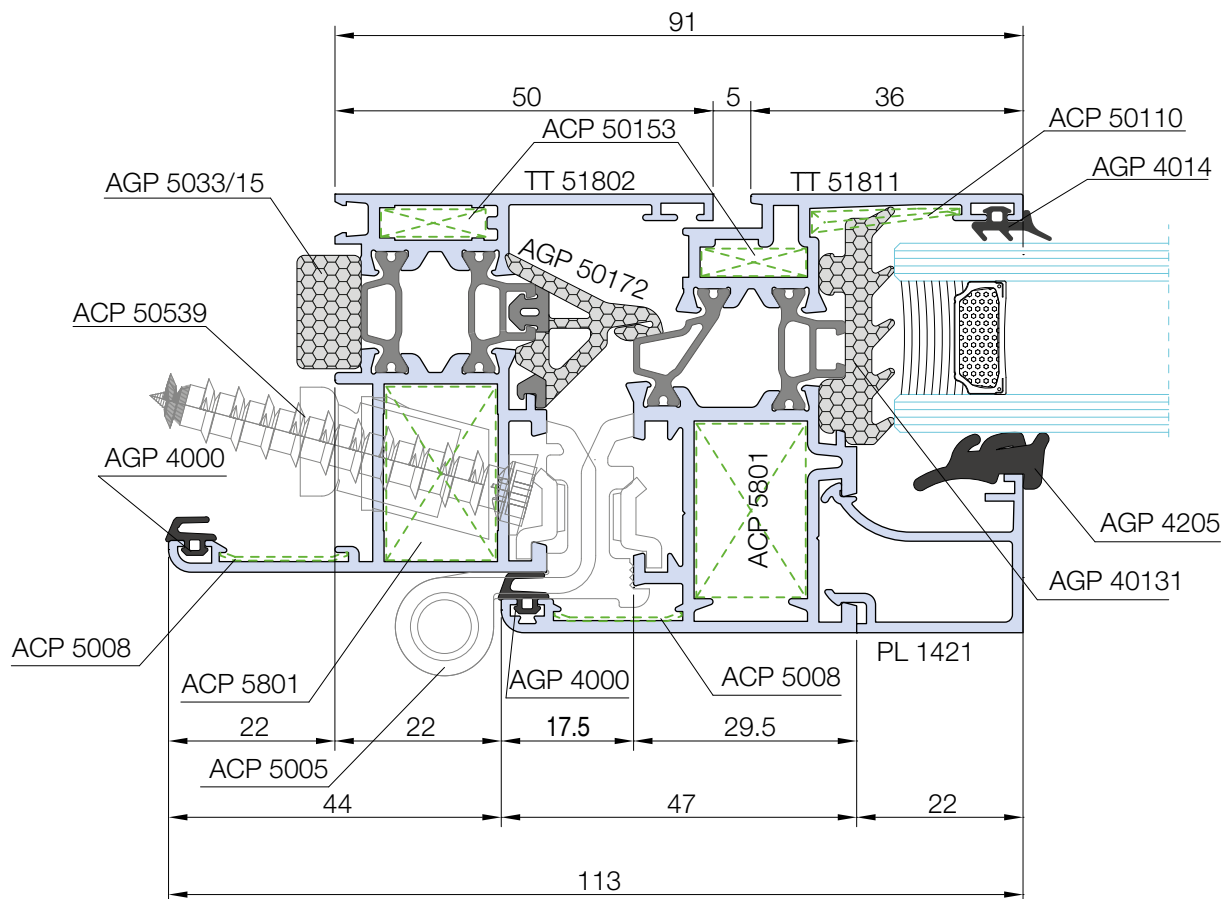
DISTINTE DI TAGLIO

Cutting lists

Nodo 01

Apertura interna - finestra a battente - nodo laterale

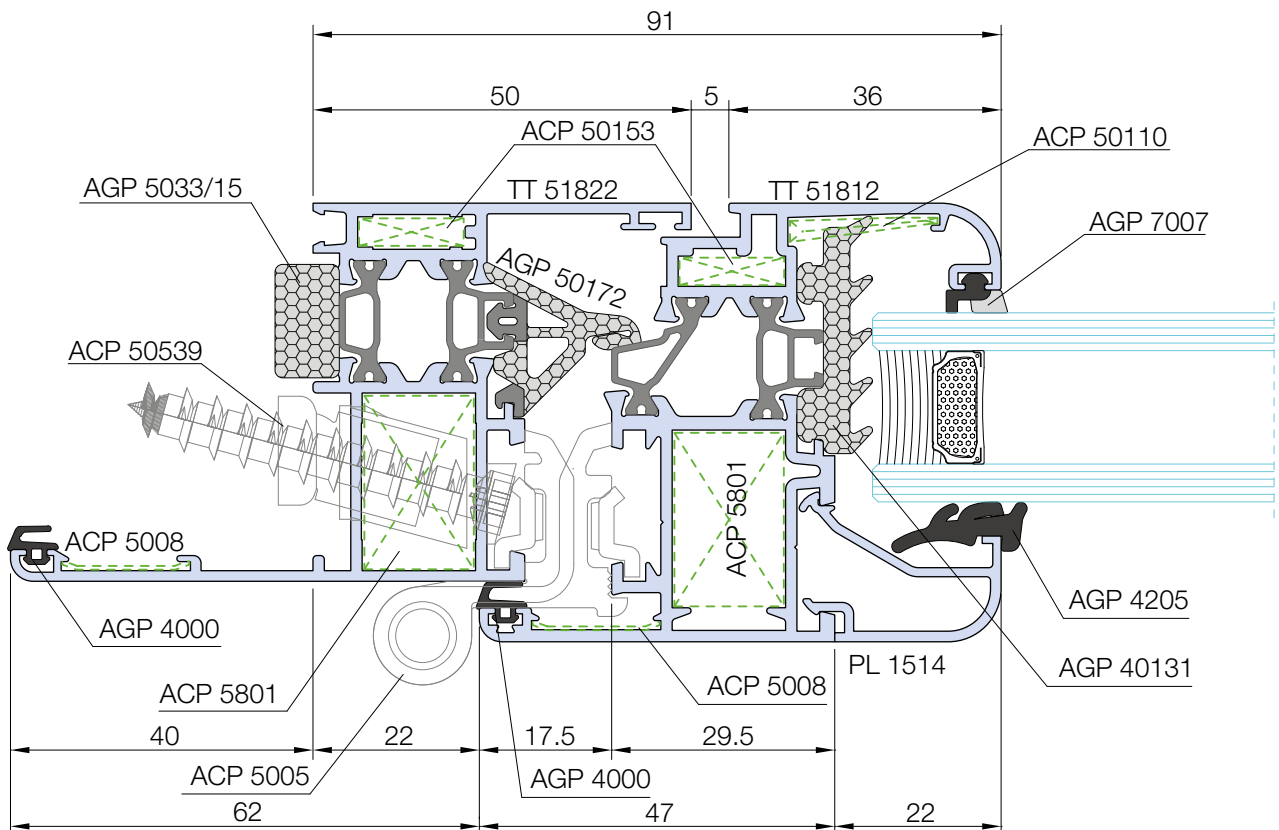
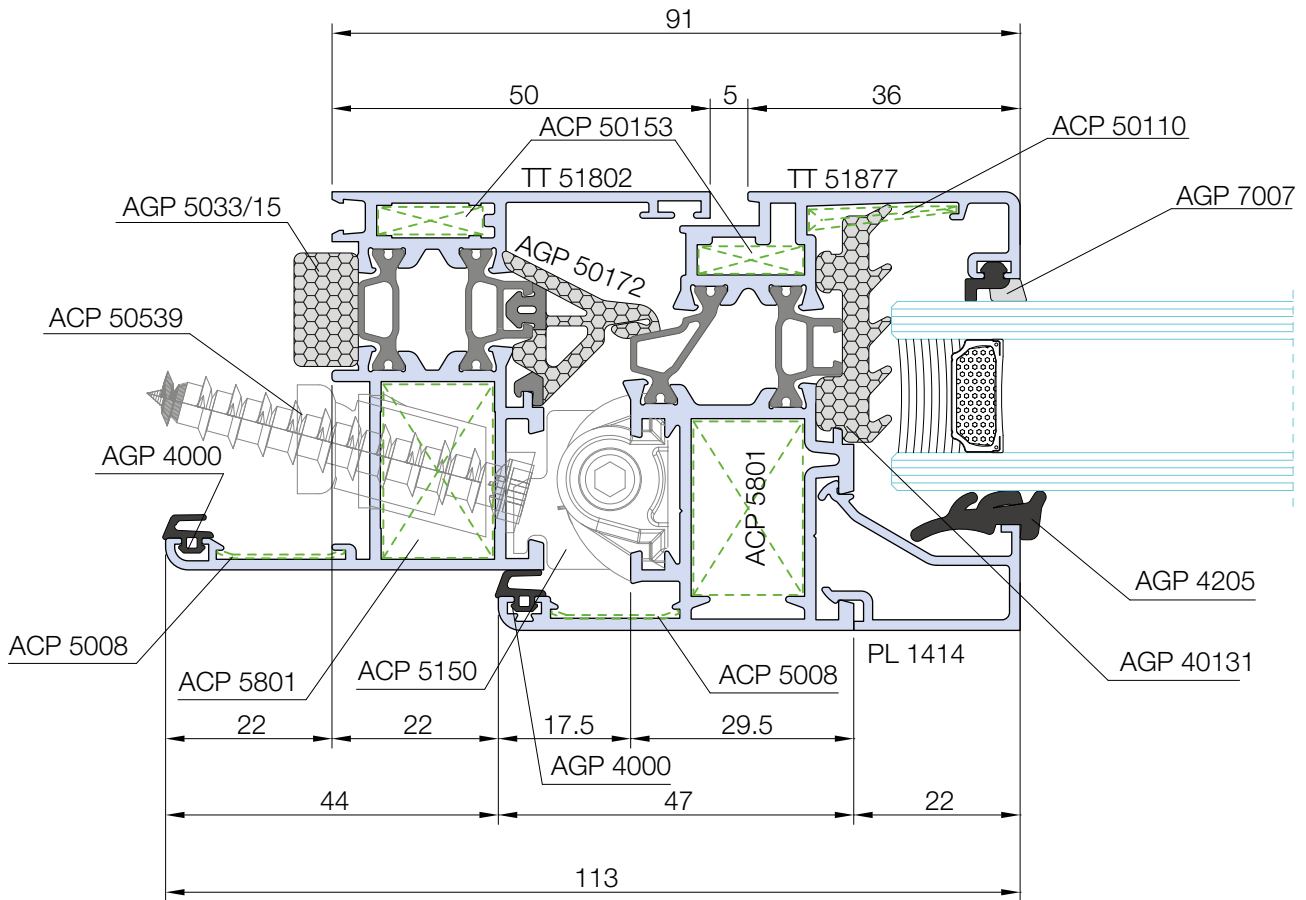
Inward opening - casement window - lateral section



Nodo 02

Apertura interna - finestra a battente - nodo laterale

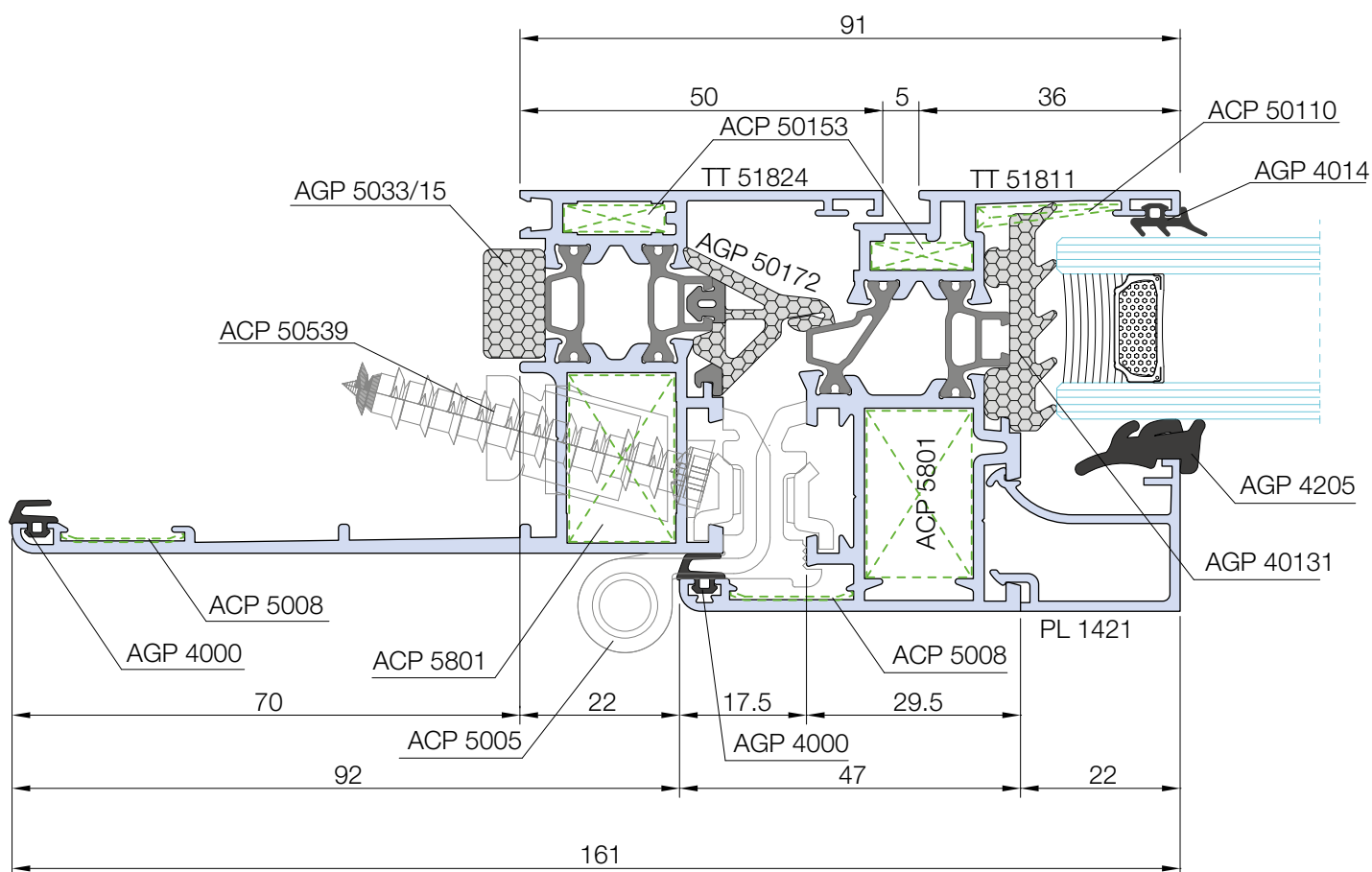
Inward opening - casement window - lateral section



Nodo 03

Apertura interna - finestra a battente - nodo laterale

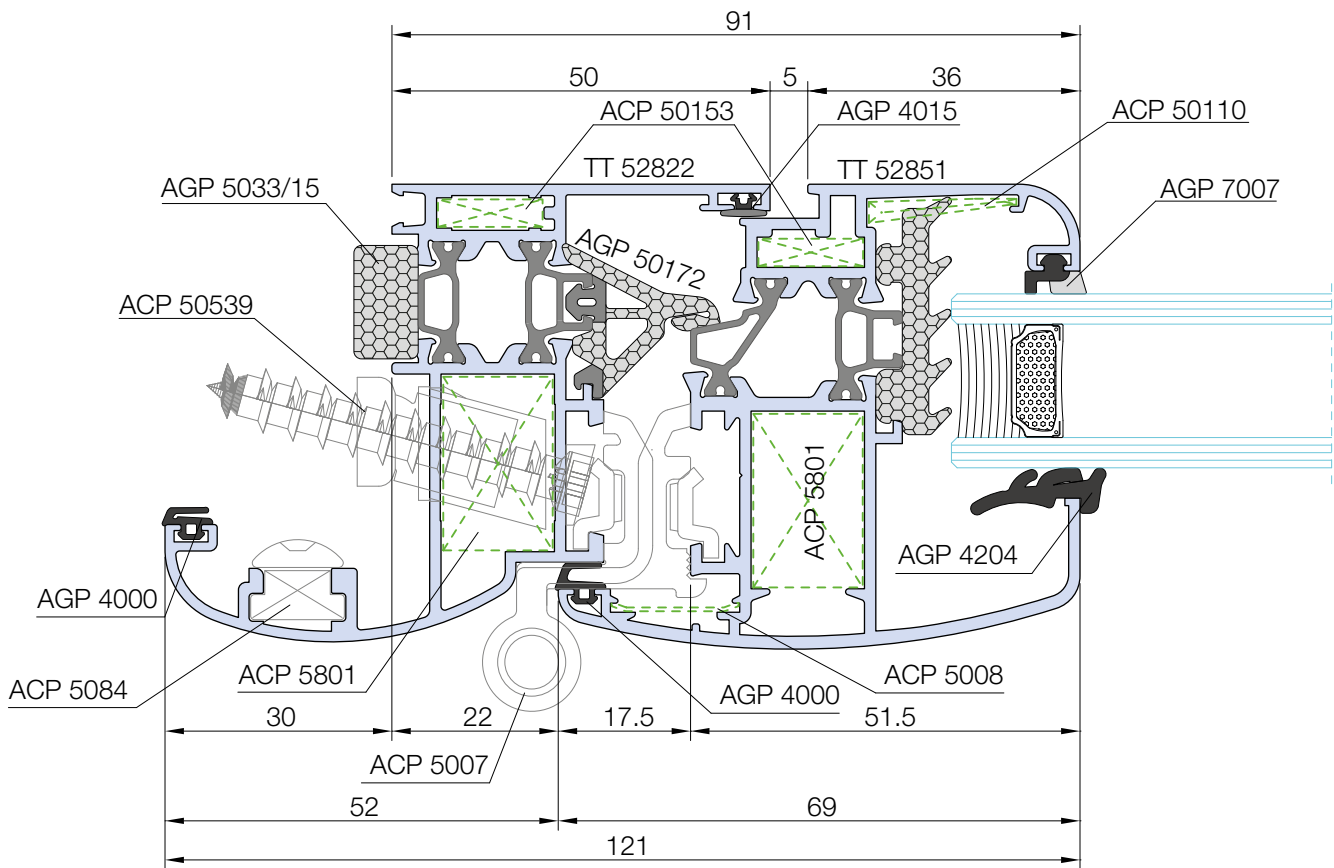
Inward opening - casement window - lateral section



Nodo 04

Apertura interna - finestra a battente - nodo laterale con guarnizione acustica

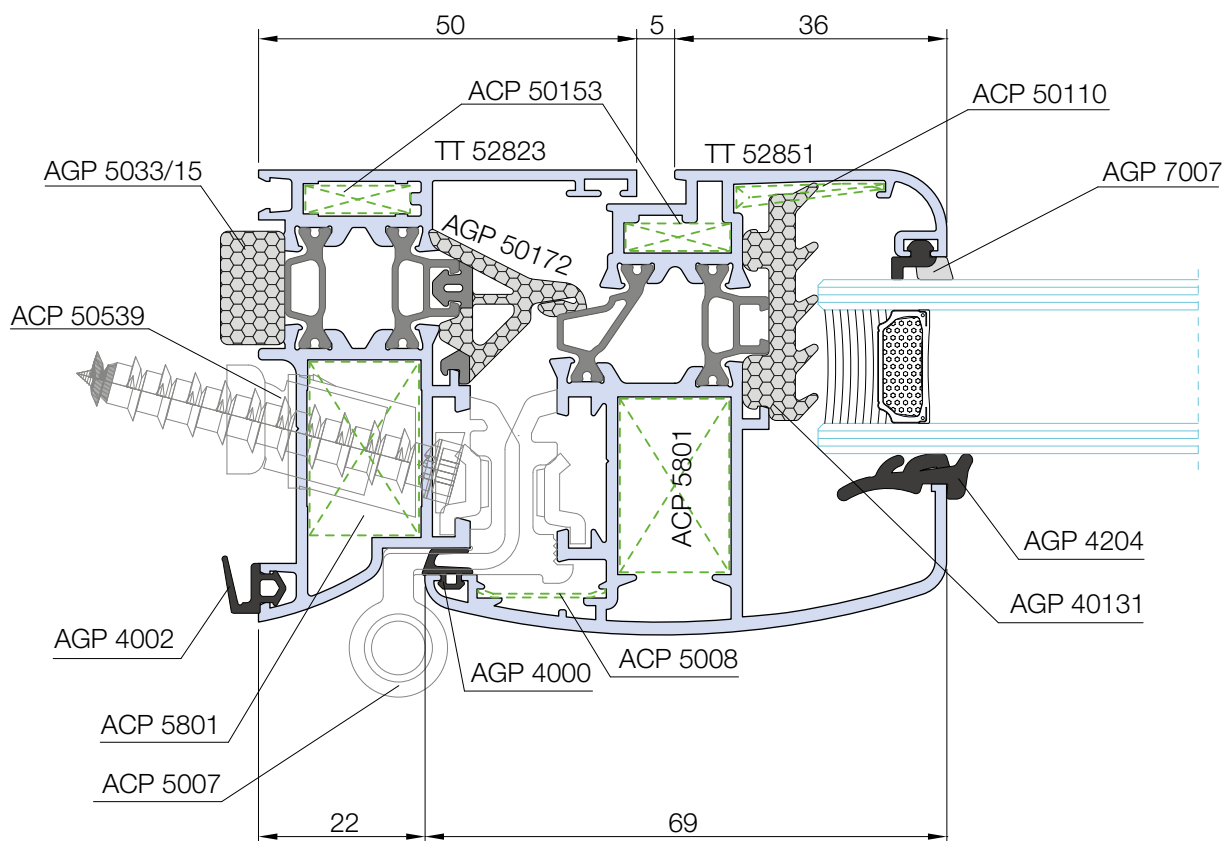
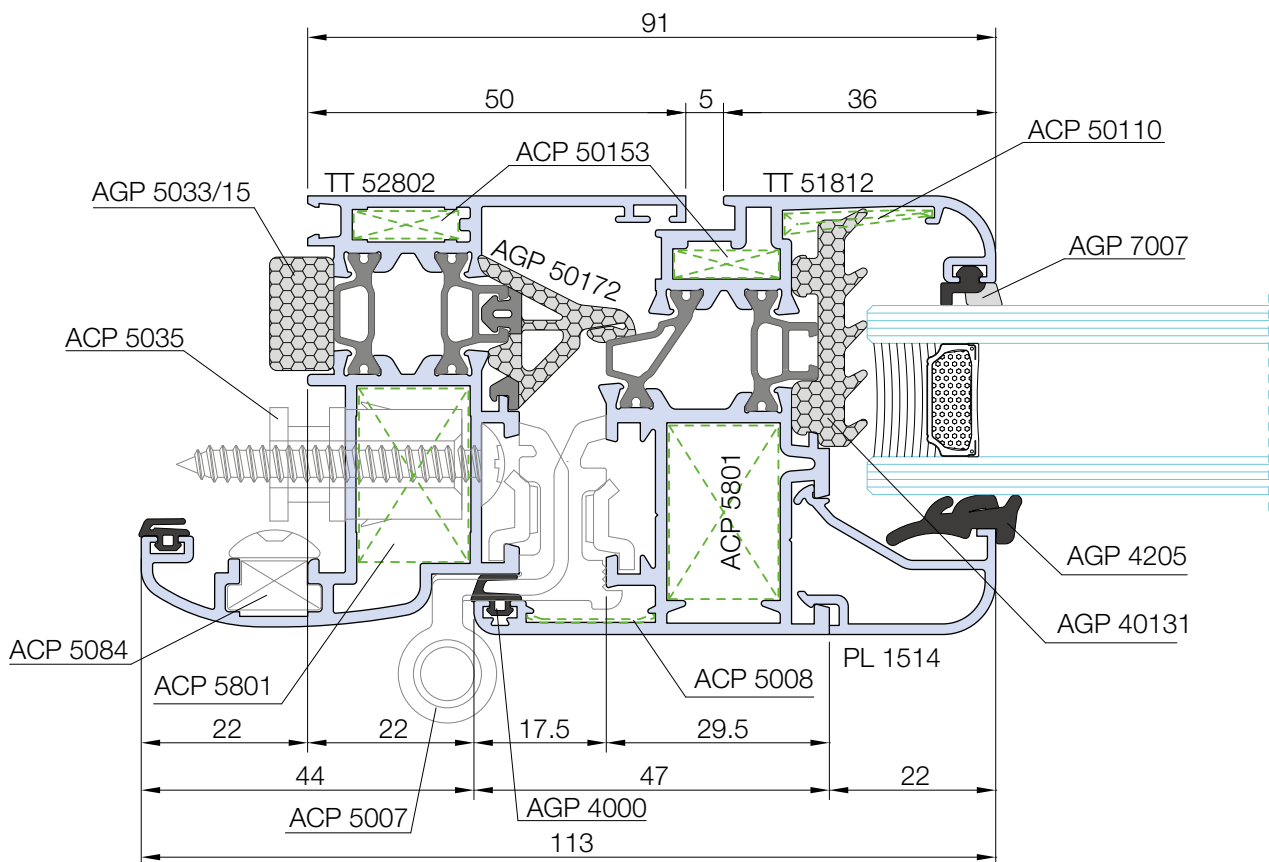
Inward opening - casement window - lateral section with acoustic seal



Nodo 05

Apertura interna - finestra a battente - nodo laterale

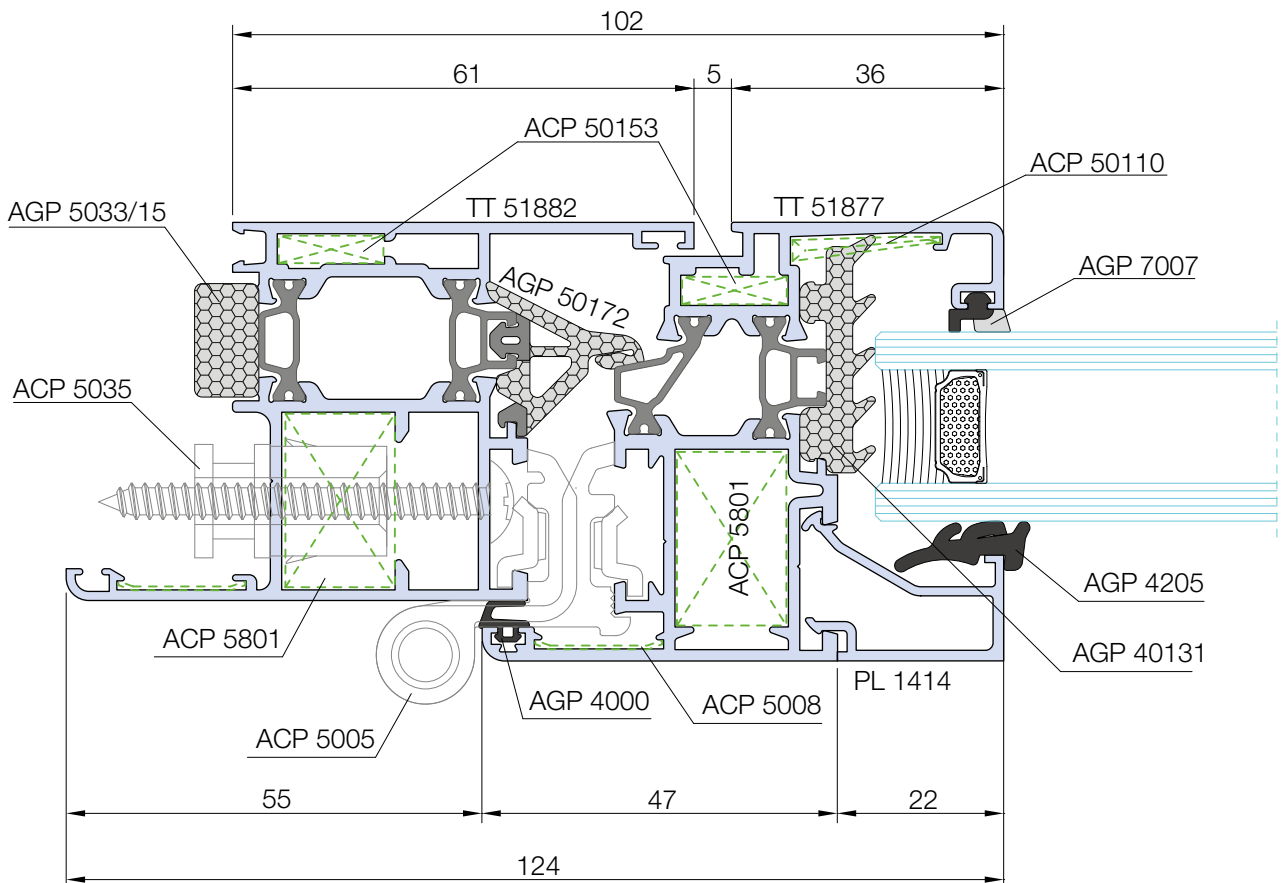
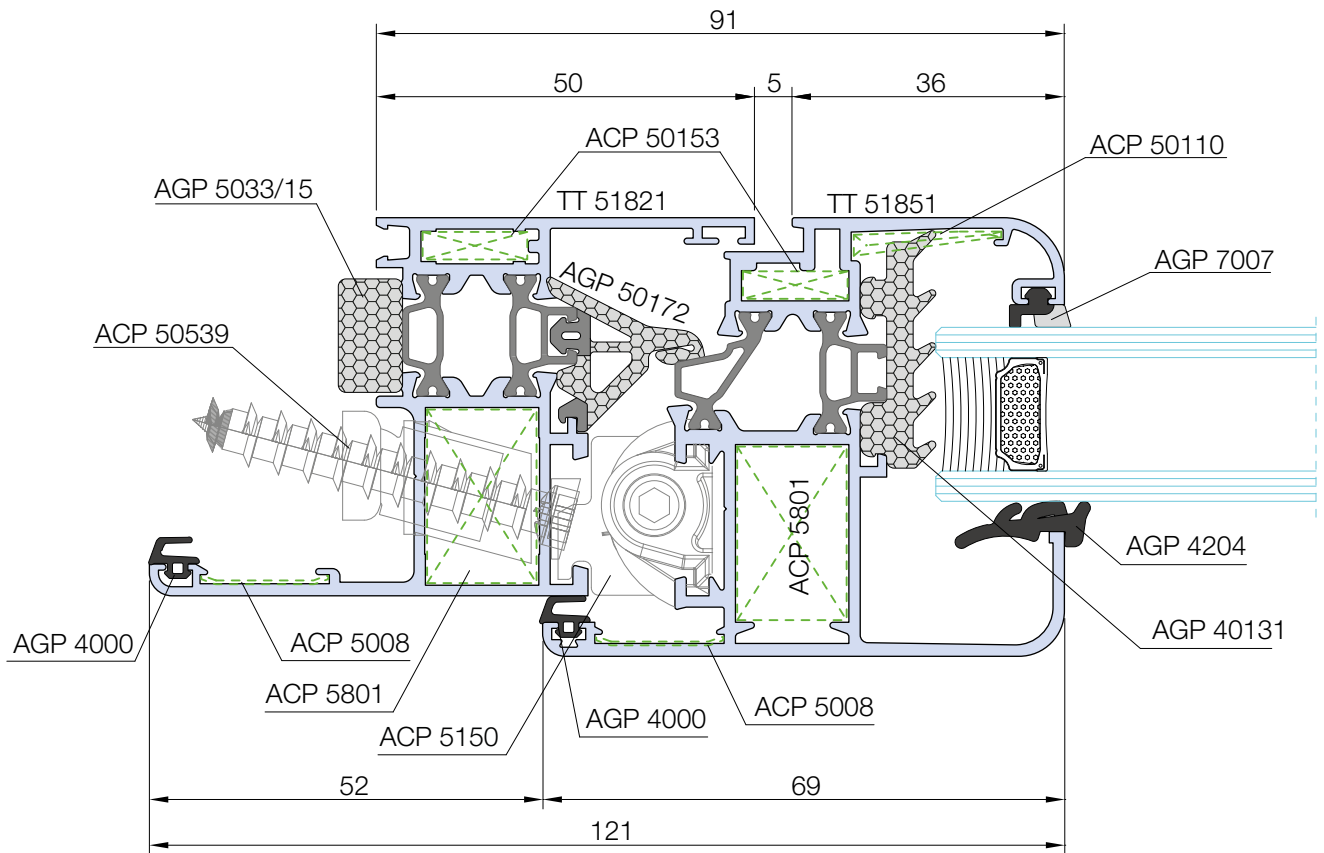
Inward opening - casement window - lateral section



Nodo 06

Apertura interna - finestra a battente - nodo laterale

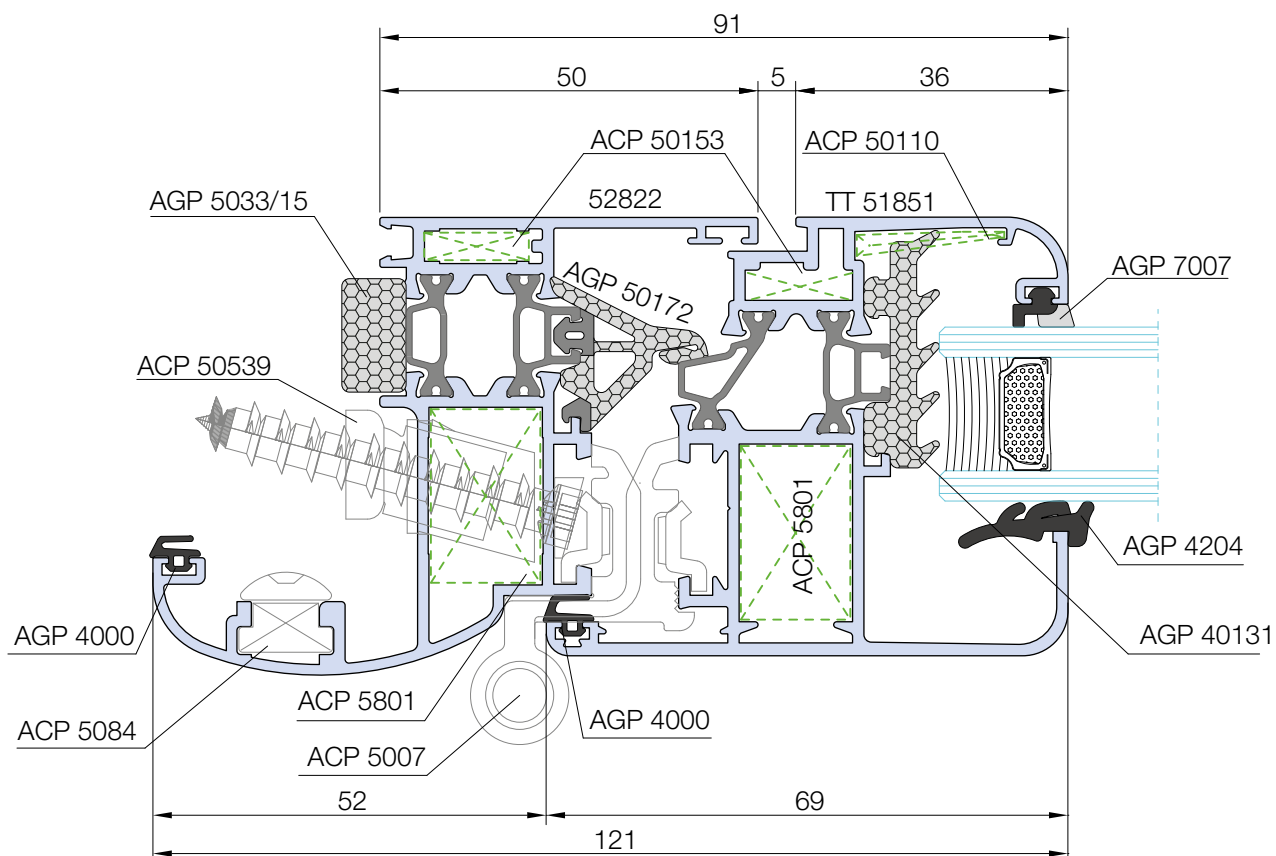
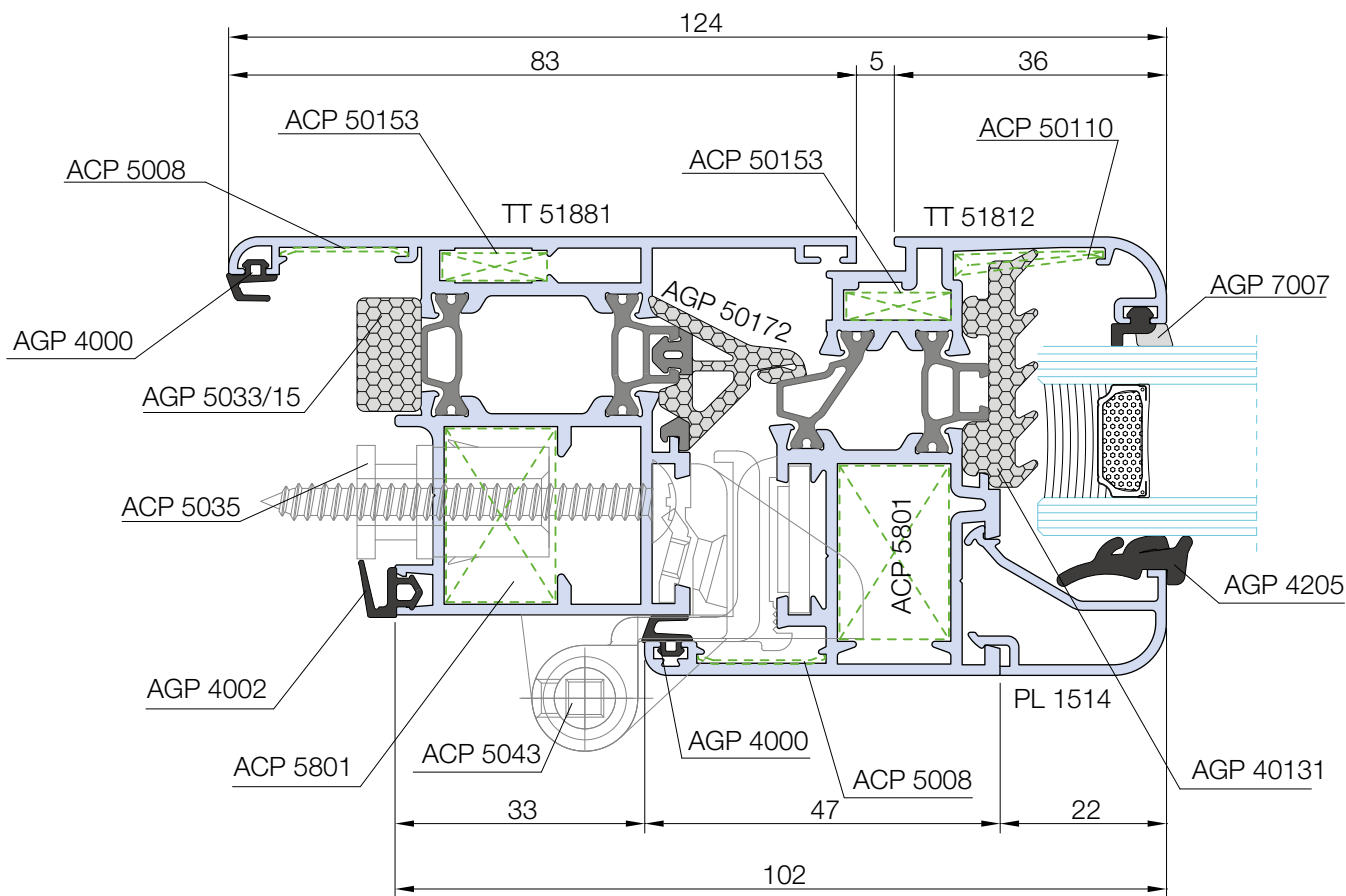
Inward opening - casement window - lateral section



Nodo 07

Apertura interna - finestra a battente - nodo laterale

Inward opening - casement window - lateral section

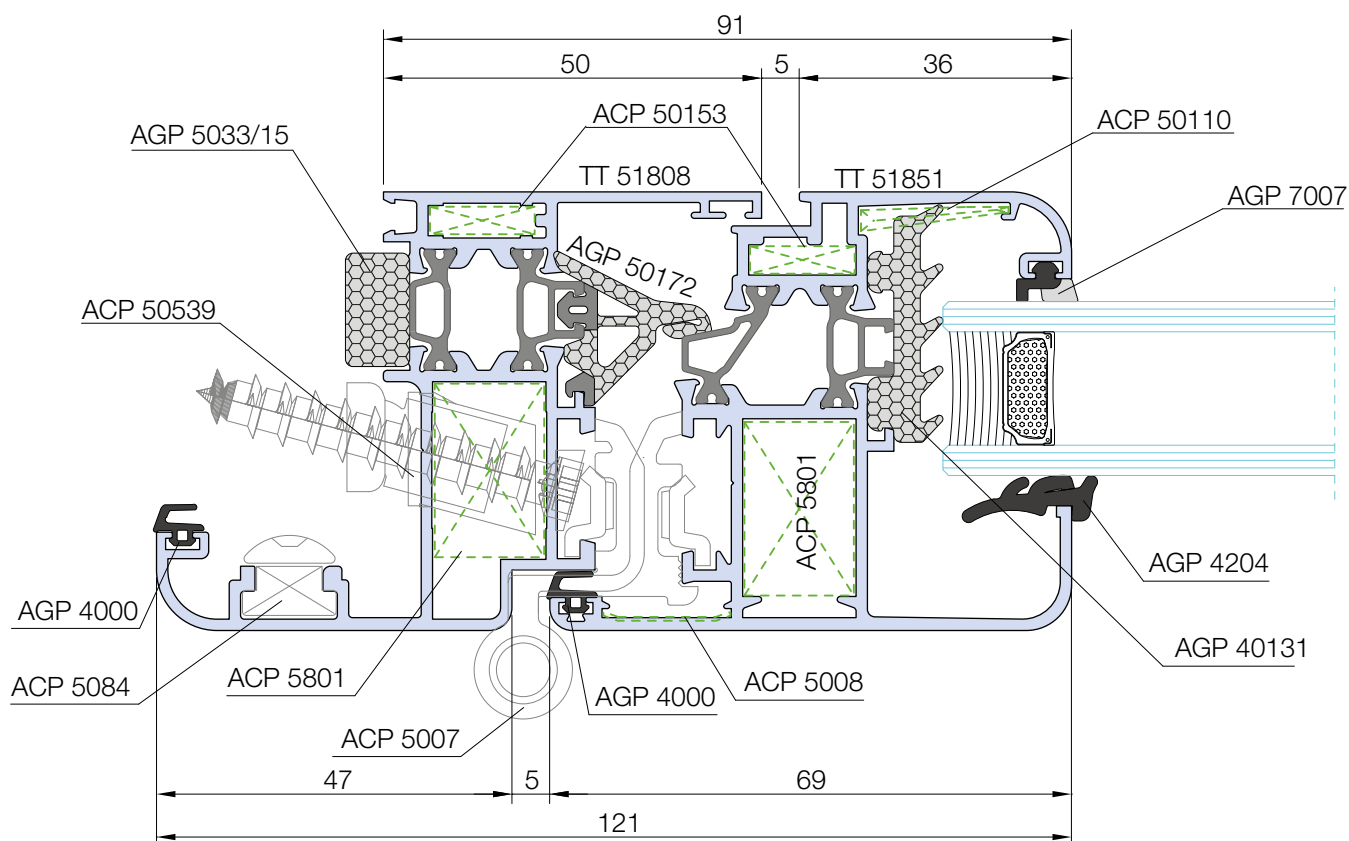


NODI E SEZIONI

Nodo 08

Apertura interna - finestra a battente - nodo laterale

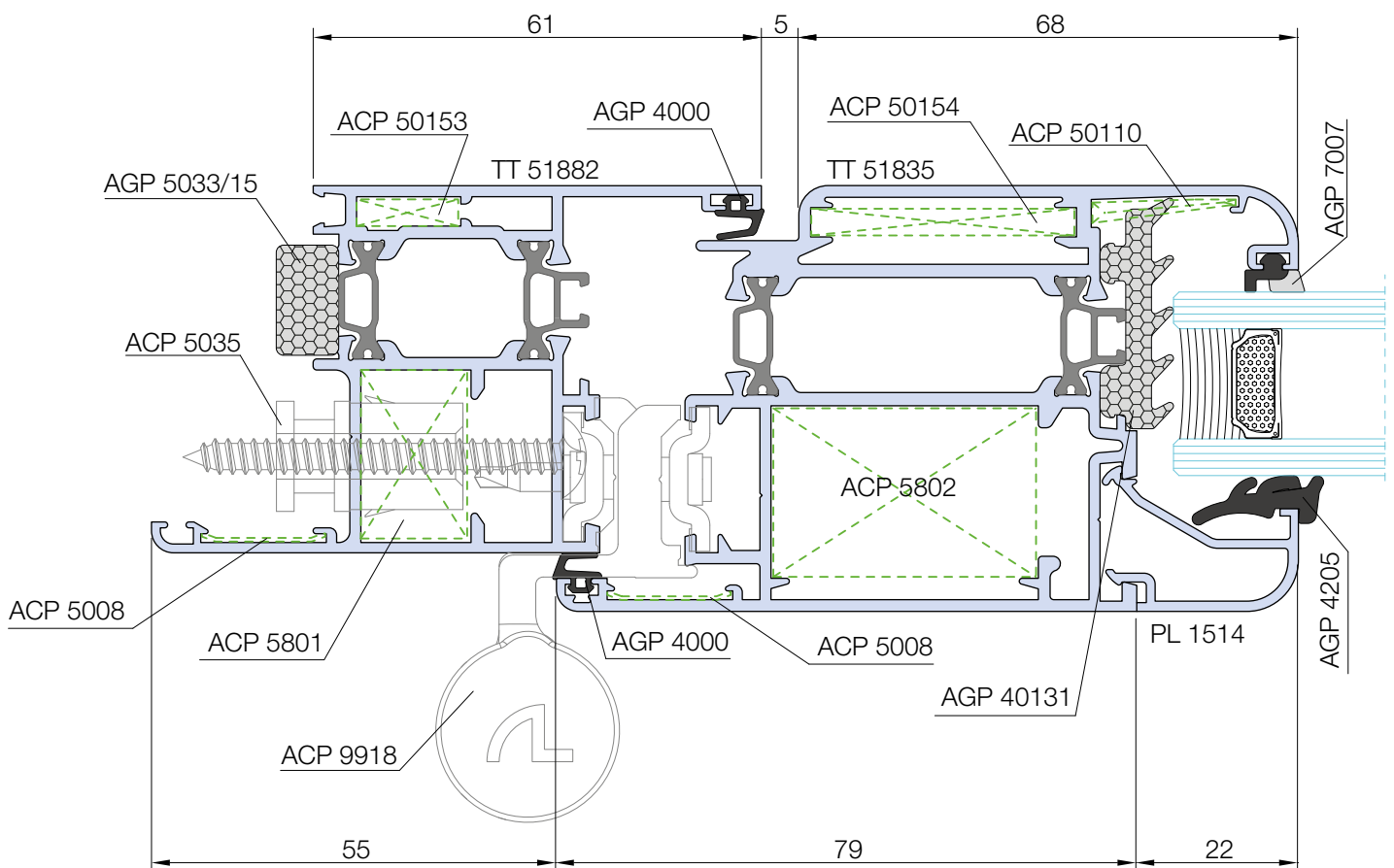
Inward opening - casement window - lateral section



Nodo 09

Apertura interna - porta a doppia battuta - nodo laterale

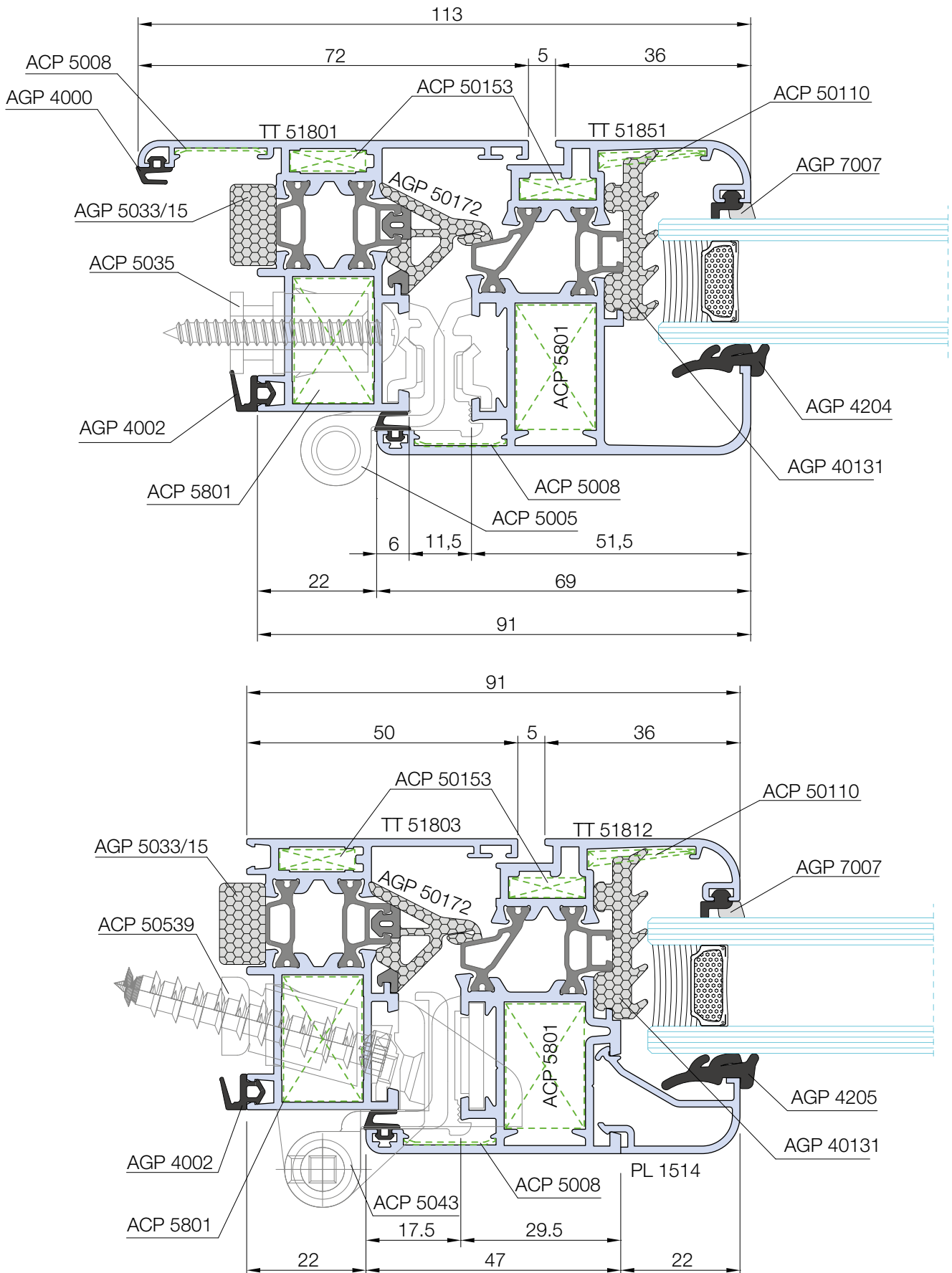
Inward opening - double casement door - lateral section



Nodo 10

Apertura interna - finestra a battente - nodo laterale

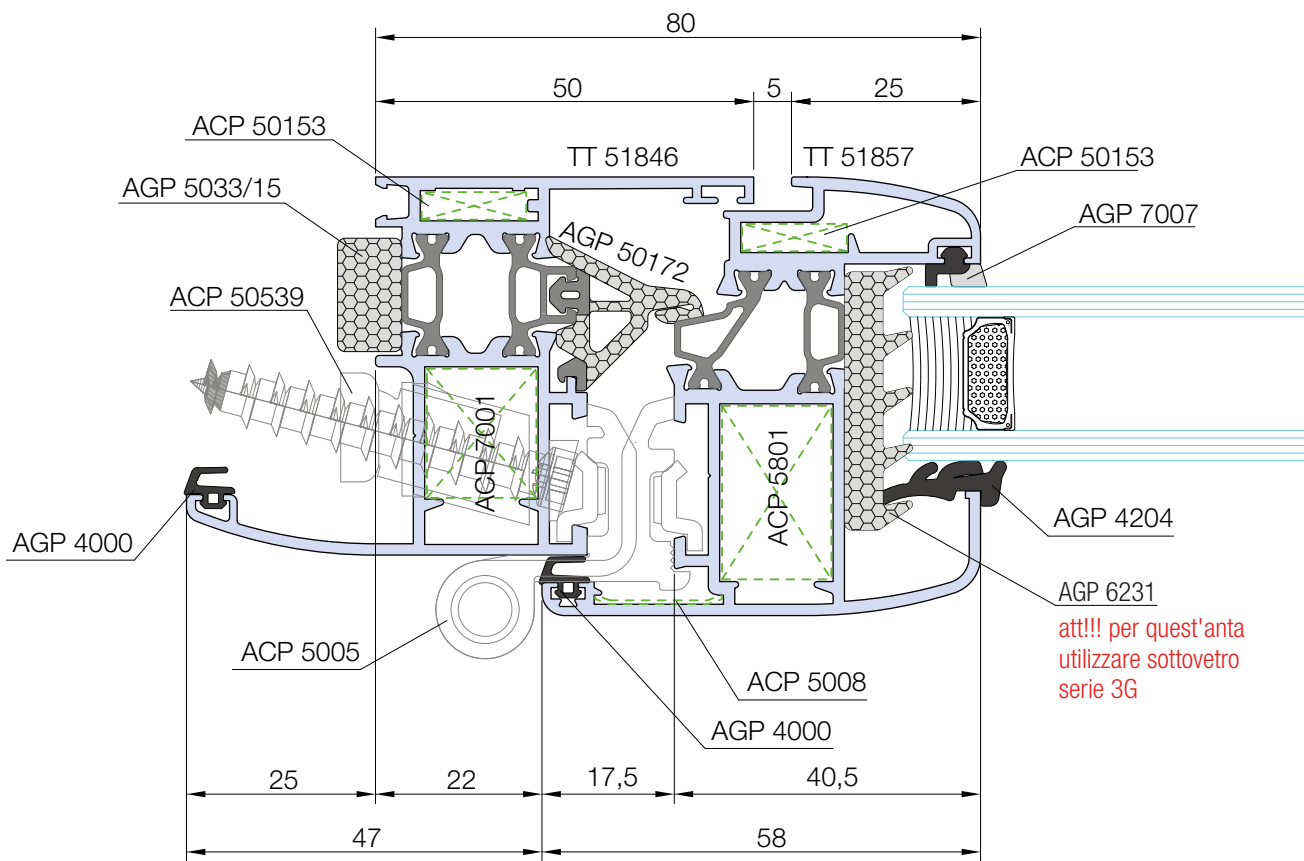
Inward opening - casement window - lateral section



Nodo 11

Apertura interna - finestra a battente - nodo laterale

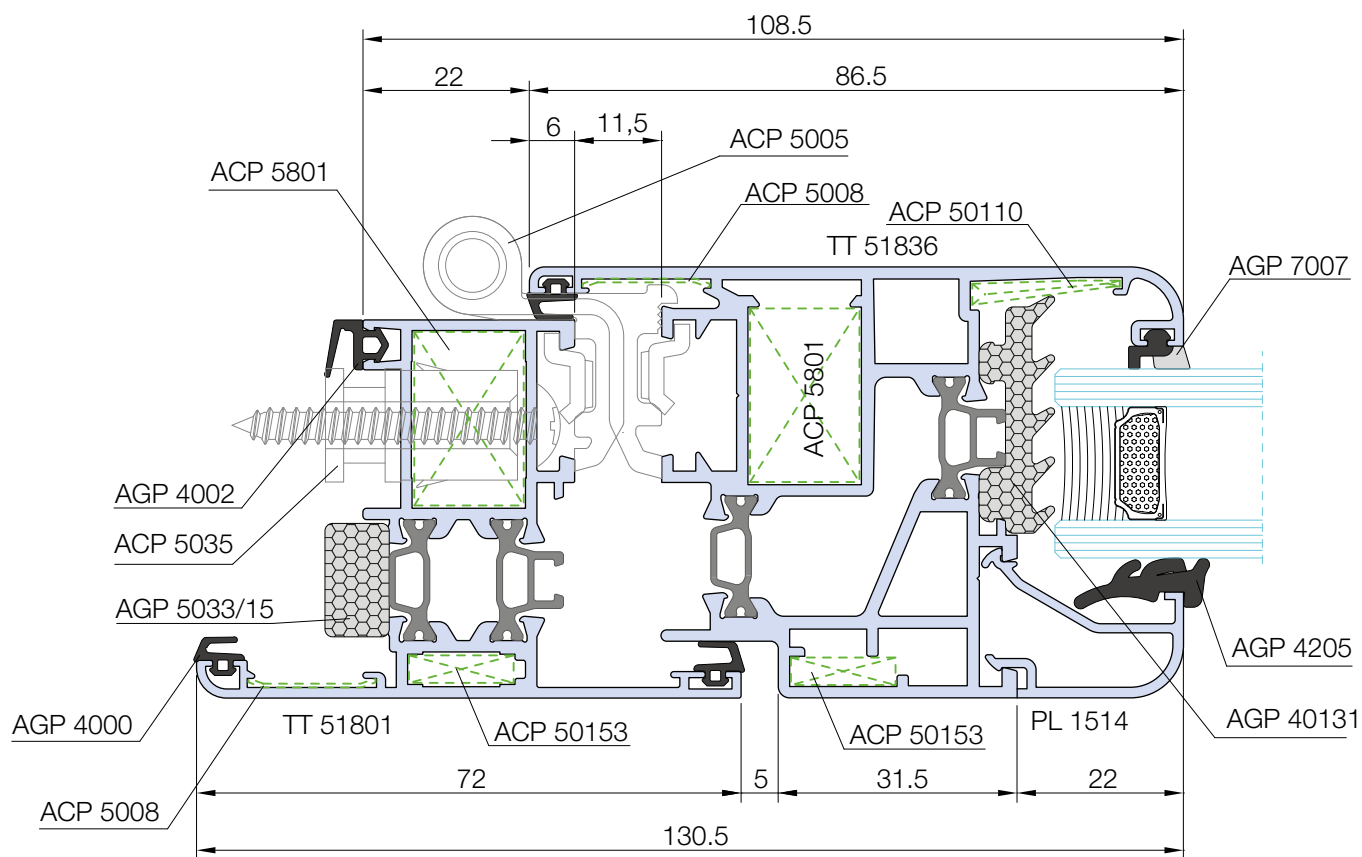
Inward opening - casement window - lateral section



Nodo 12

Apertura esterna - finestra a battente - nodo laterale

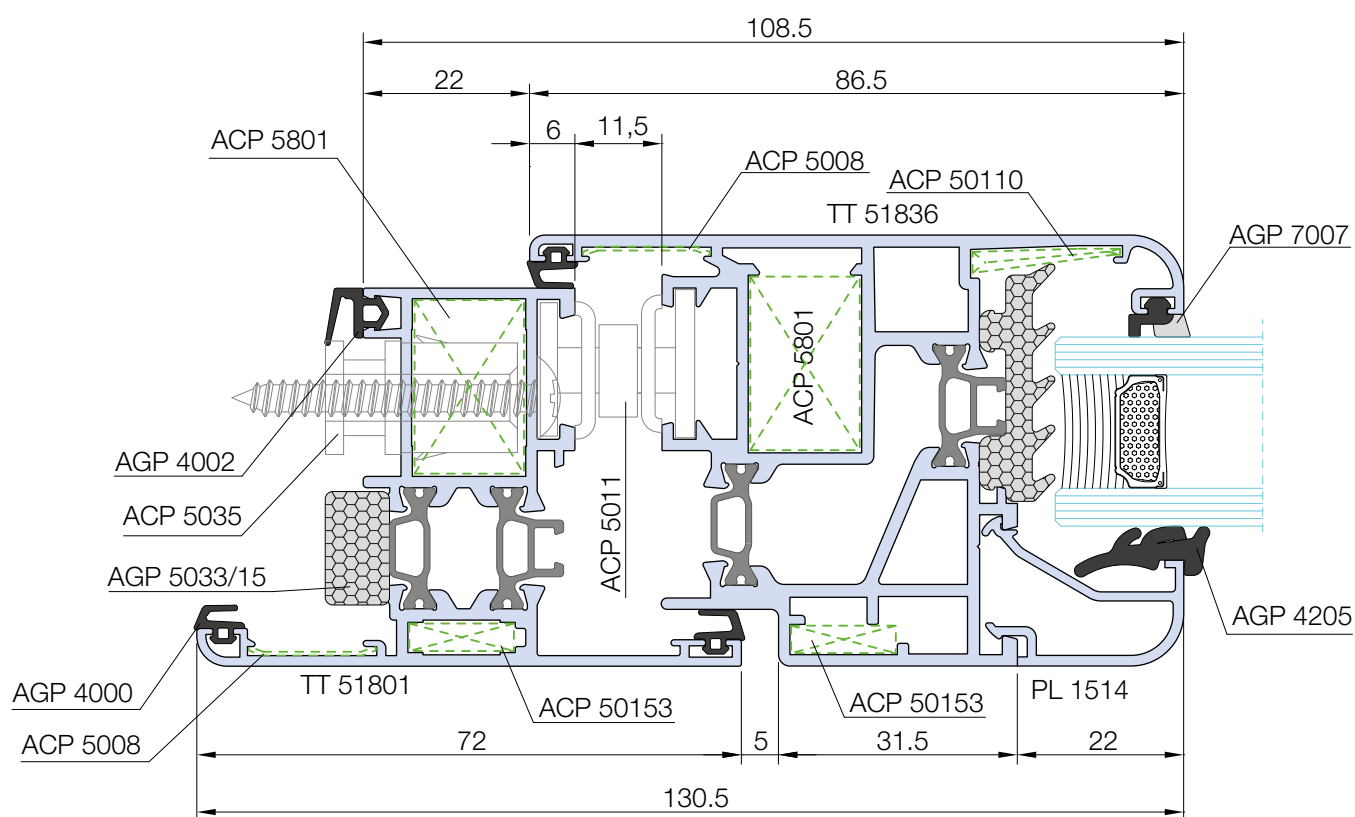
Outward opening - casement window - lateral section



Nodo 13

Apertura a sporgere - nodo perimetrale

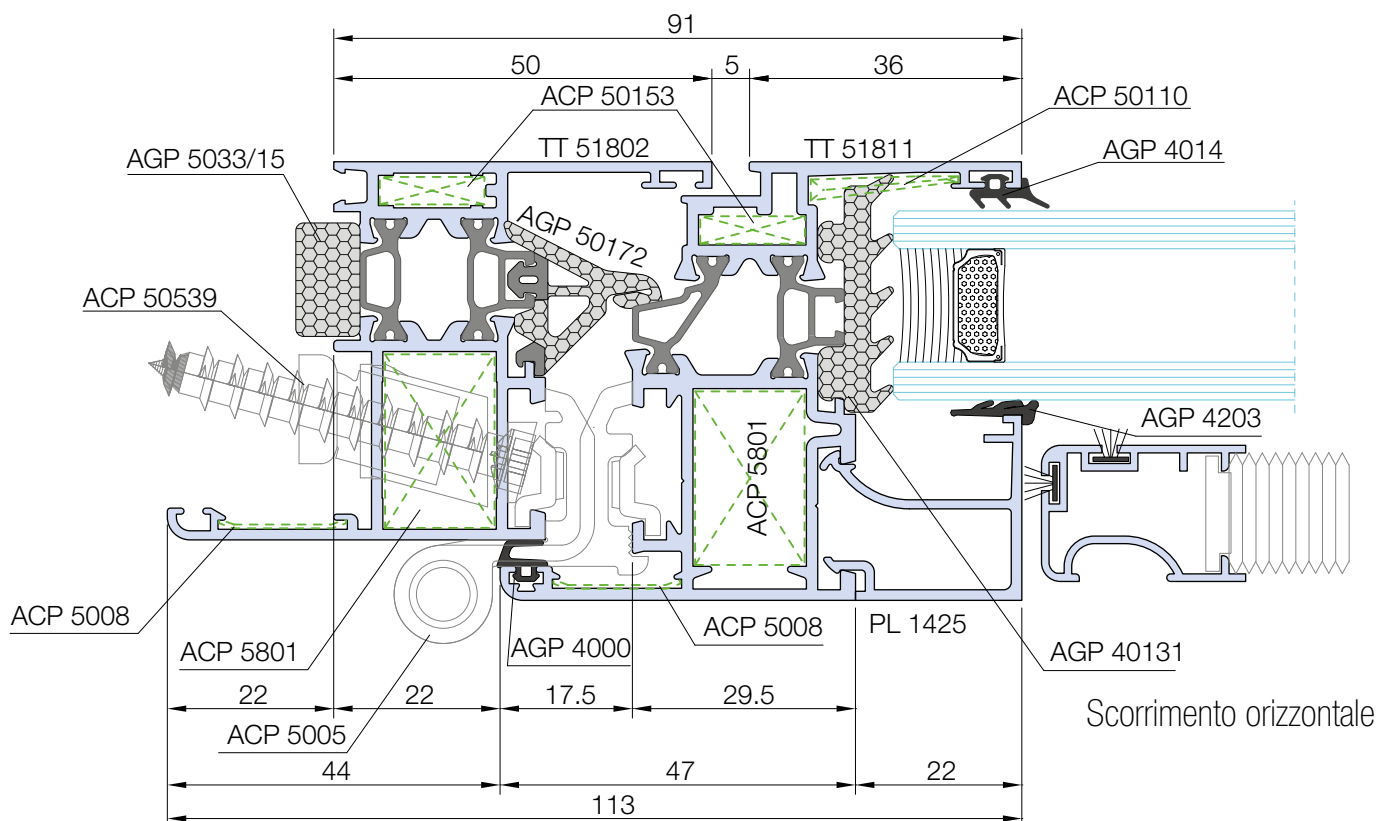
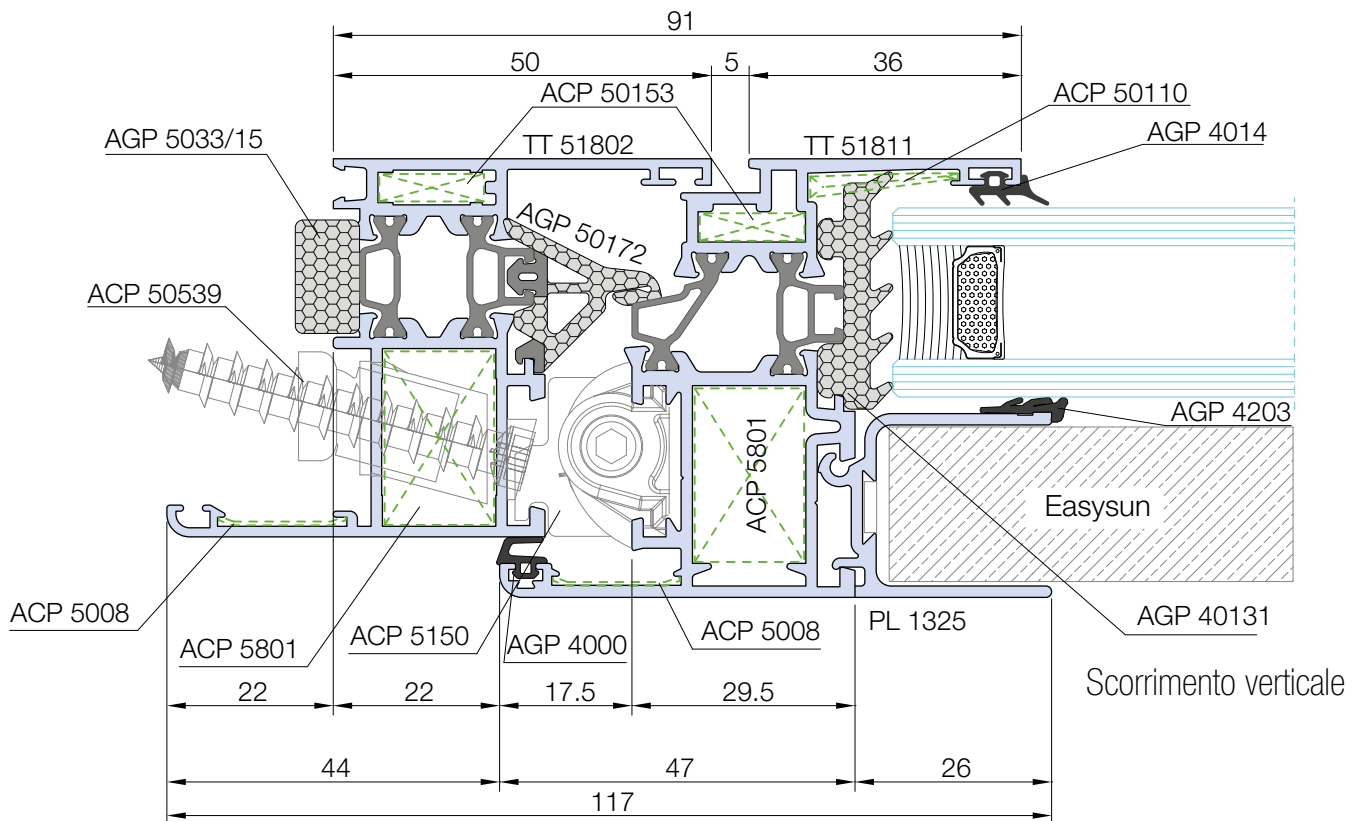
lean out opening - perimetric section



Nodo 14

Apertura interna - finestra a battente - nodo laterale - oscurante integrato Easysun

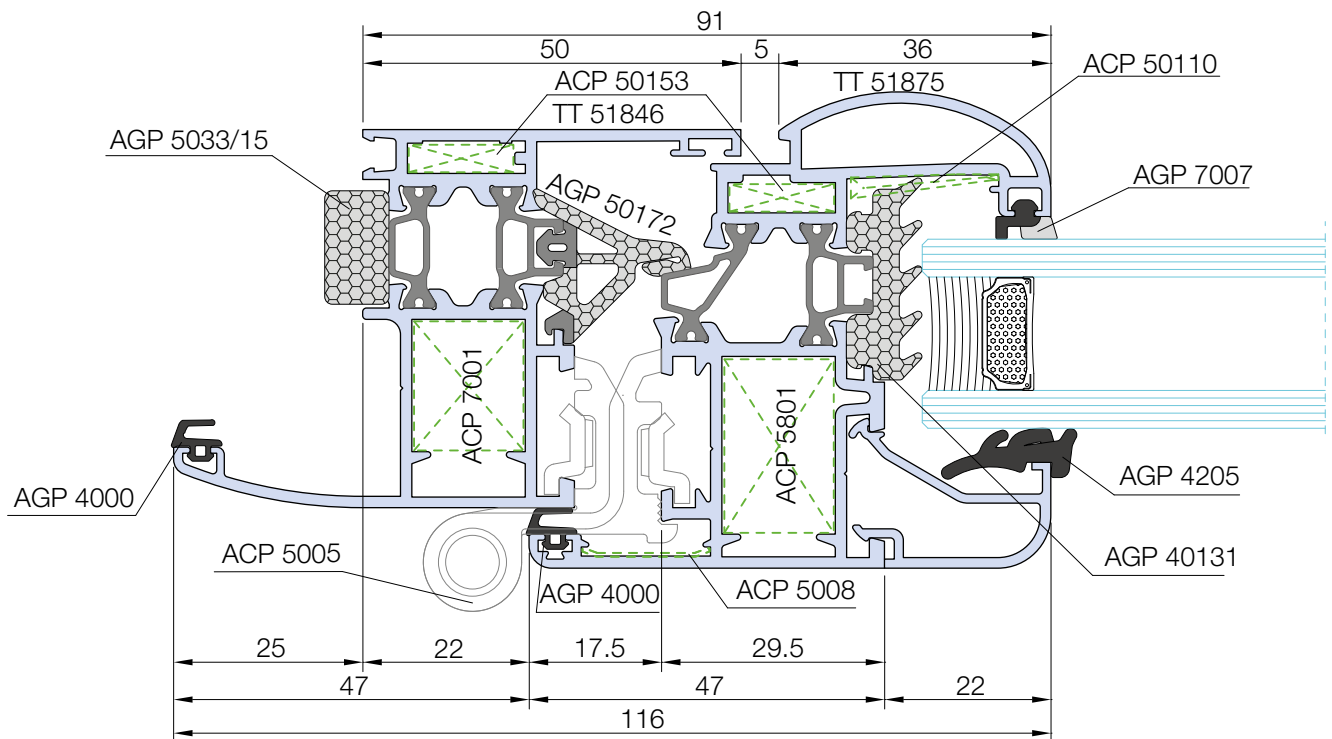
Inward opening - casement window - lateral section - secret fitting in built Easysun shade



Nodo 15

Apertura interna - finestra a battente - nodo laterale

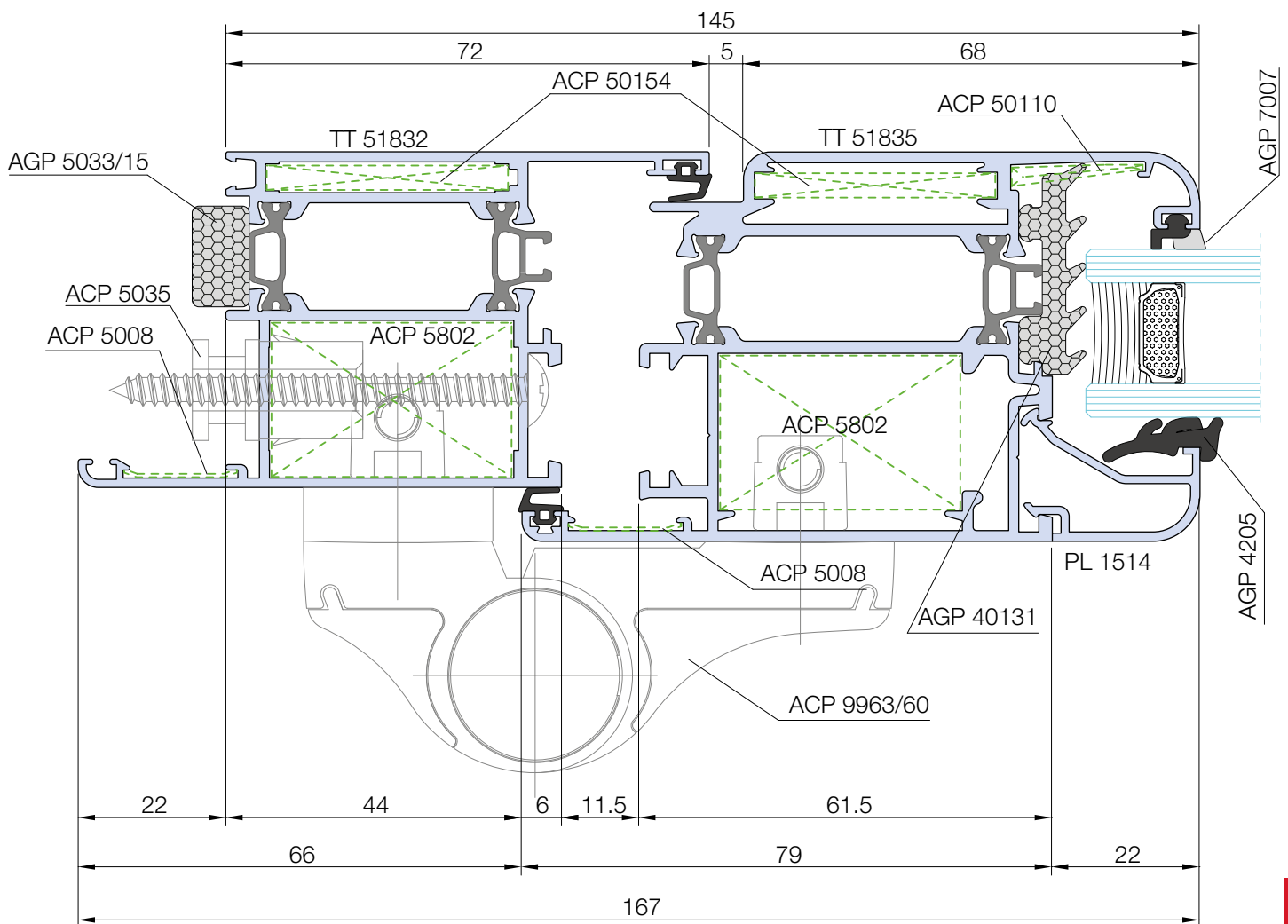
Inward opening - casement window - lateral section



Nodo 16

Apertura interna - porta doppia battuta - nodo laterale

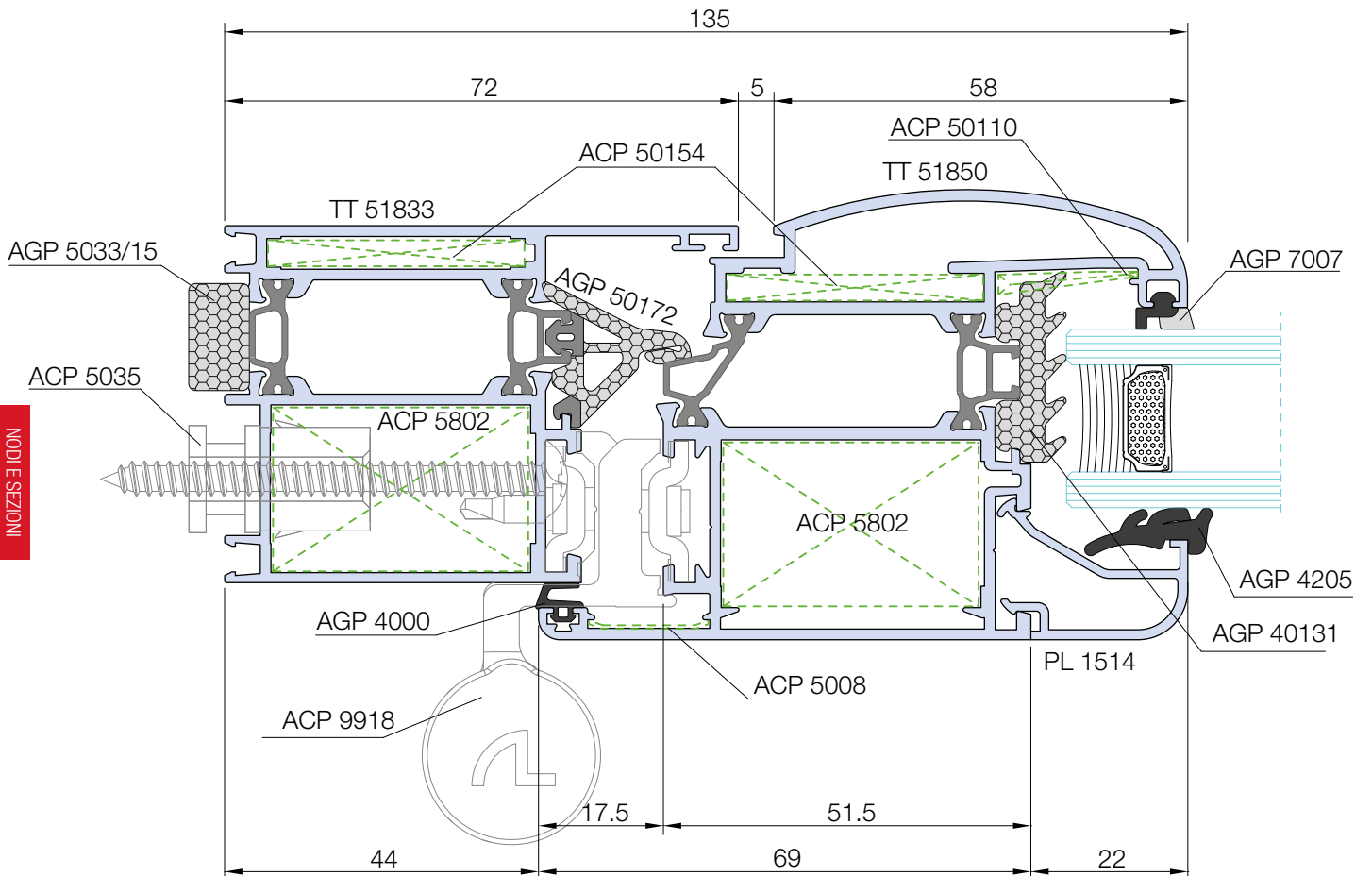
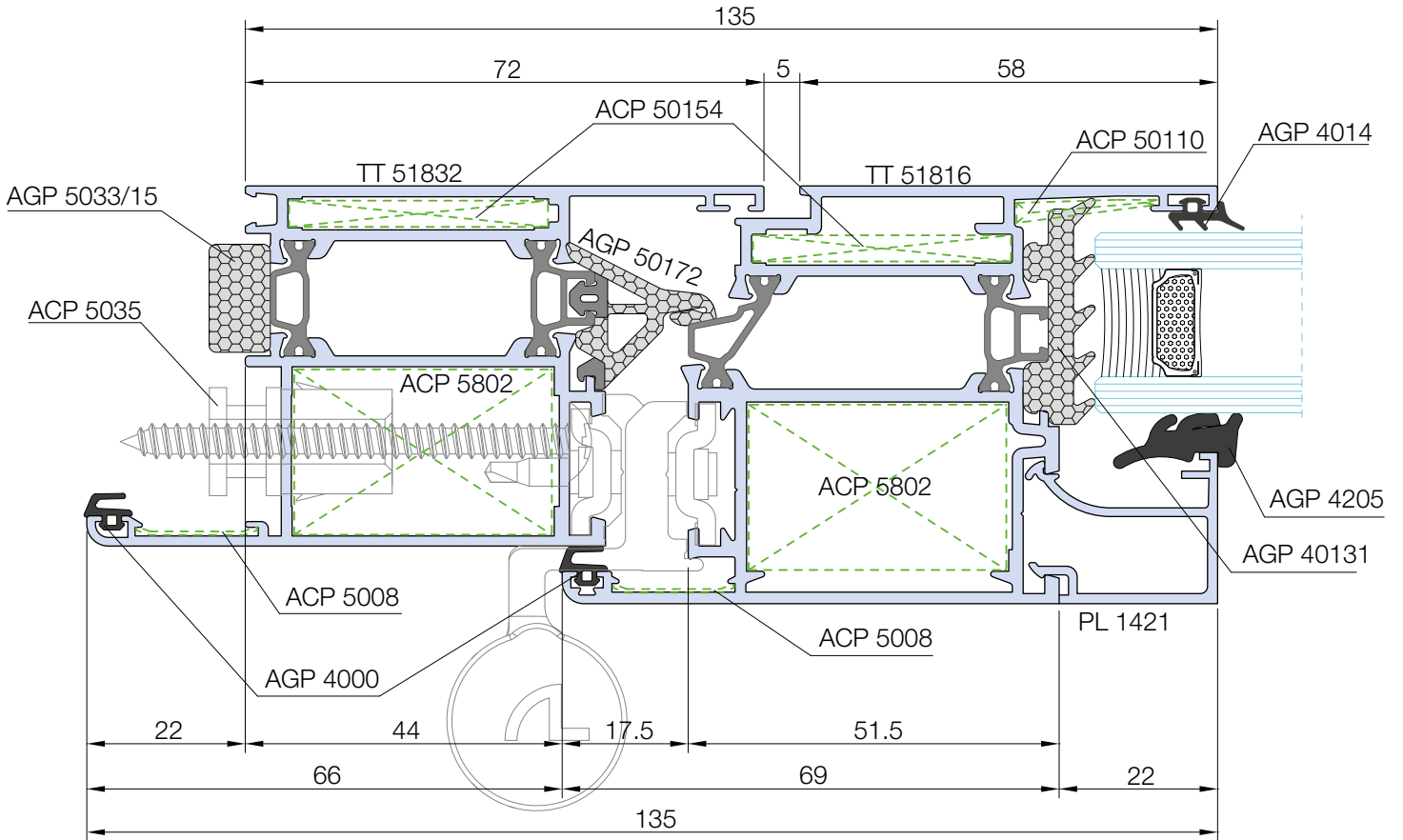
Inward opening - double casement door - lateral section



Nodo 17

Apertura interna - porta giunto aperto - nodo laterale

Inward opening - open joint door - lateral section

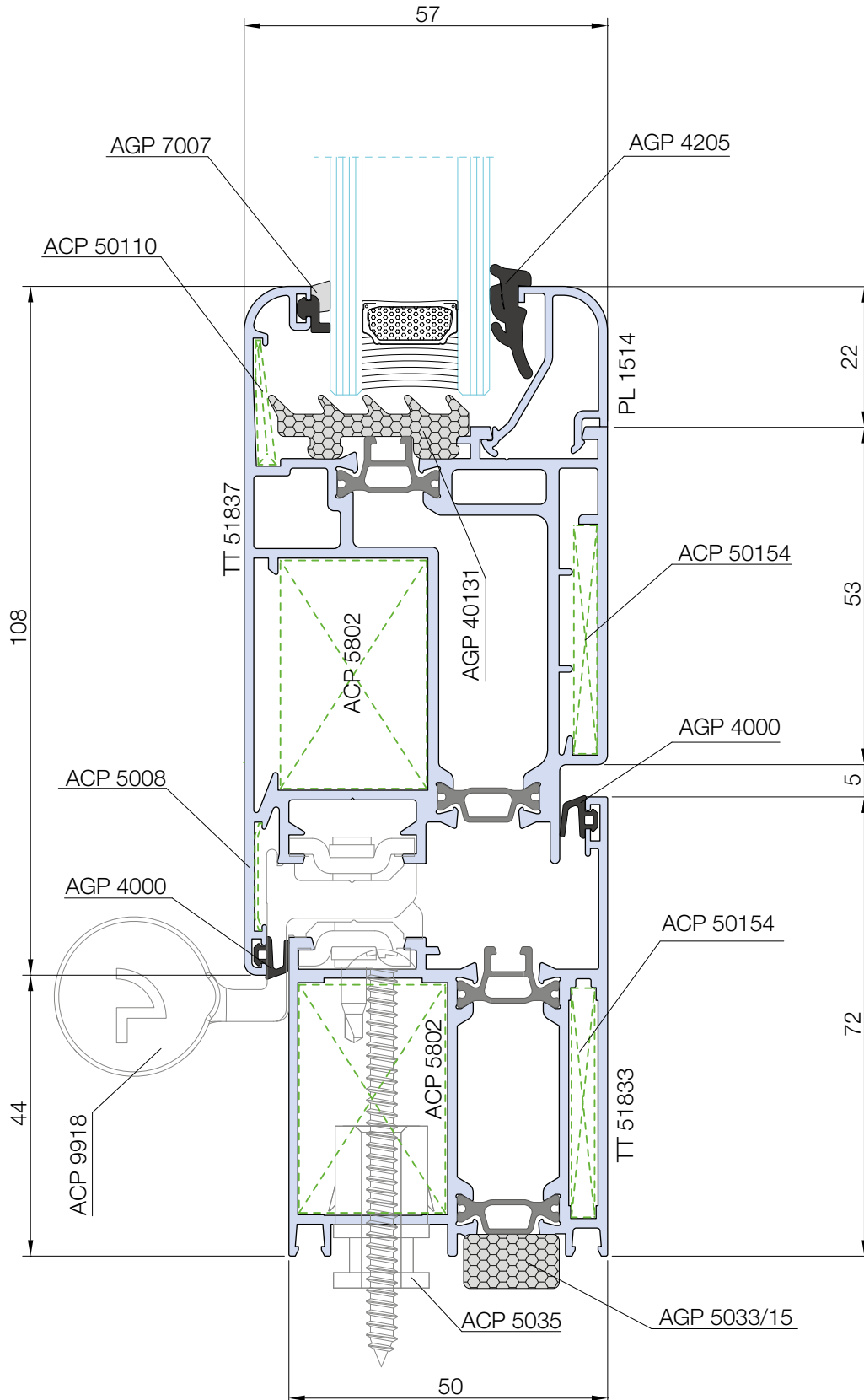


NODI E SEZIONI
Sections

Nodo 18

Apertura esterna - porta finestra a battente - nodo laterale

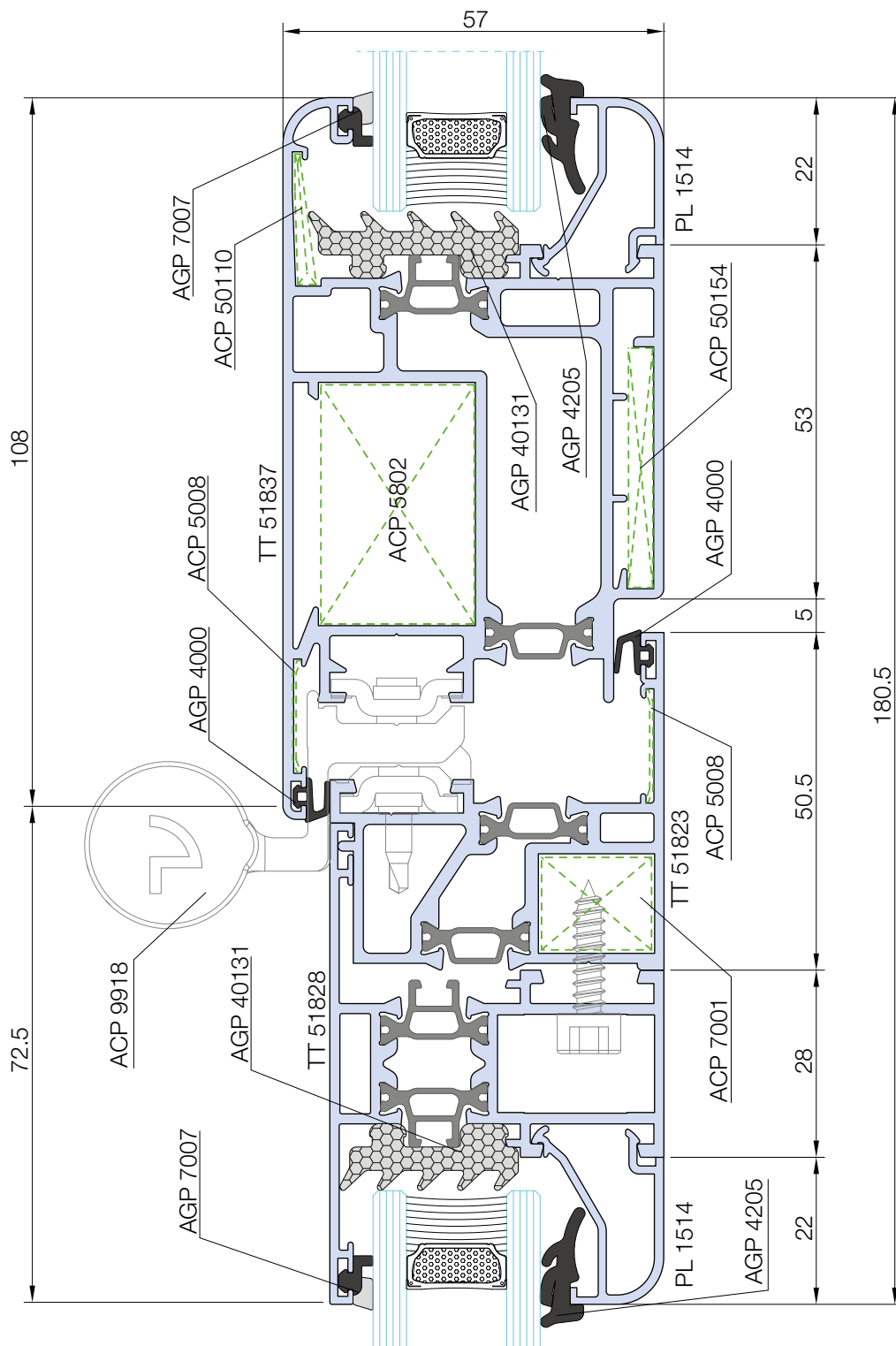
Outward opening - casement window door - lateral section



Nodo 19

Apertura esterna - porta doppia battuta con vetrina - nodo di giunzione

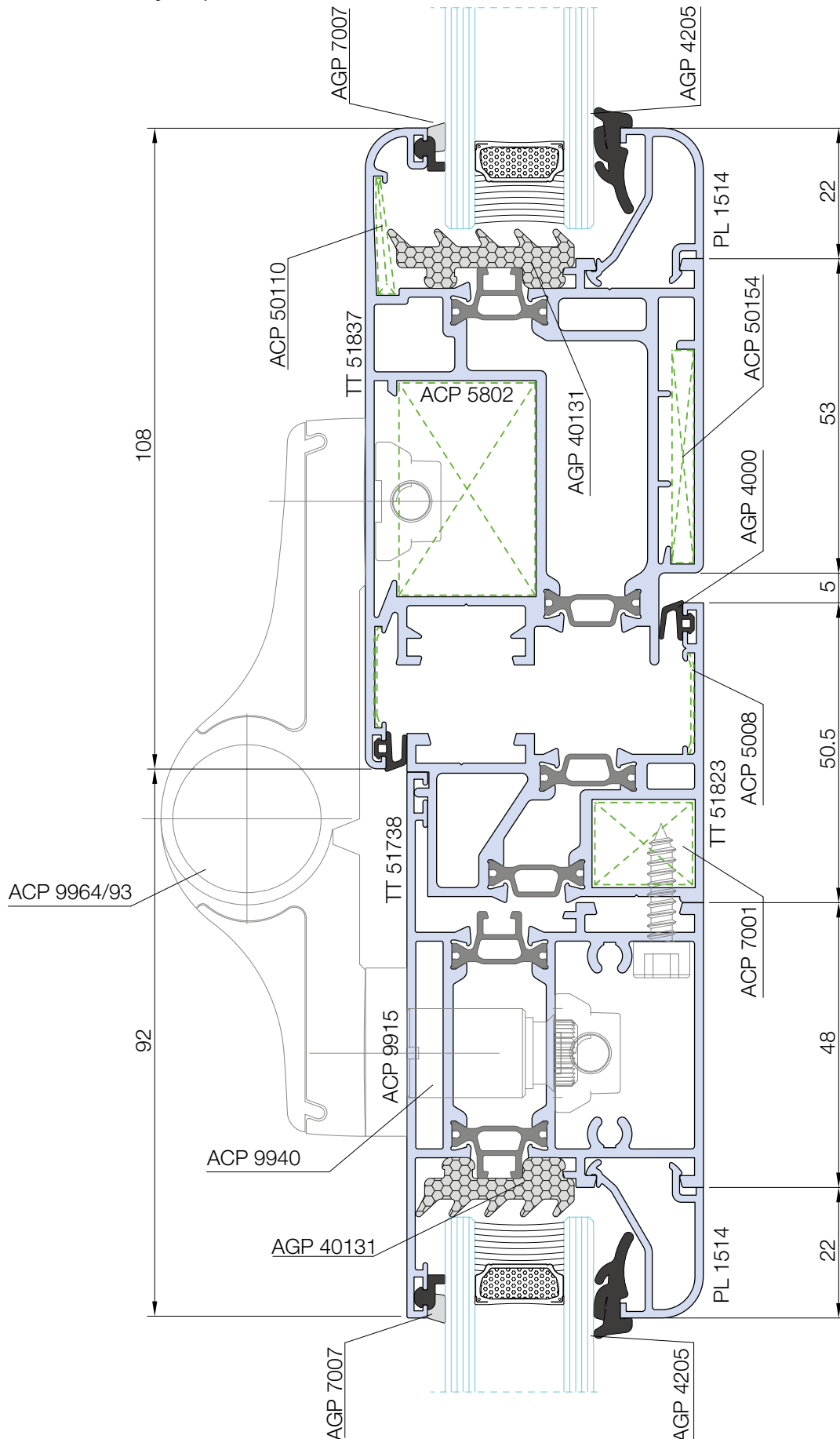
Outward opening - double casement door with glass - joint section



Nodo 20

Apertura esterna - porta a battente con vetrina - nodo di giunzione

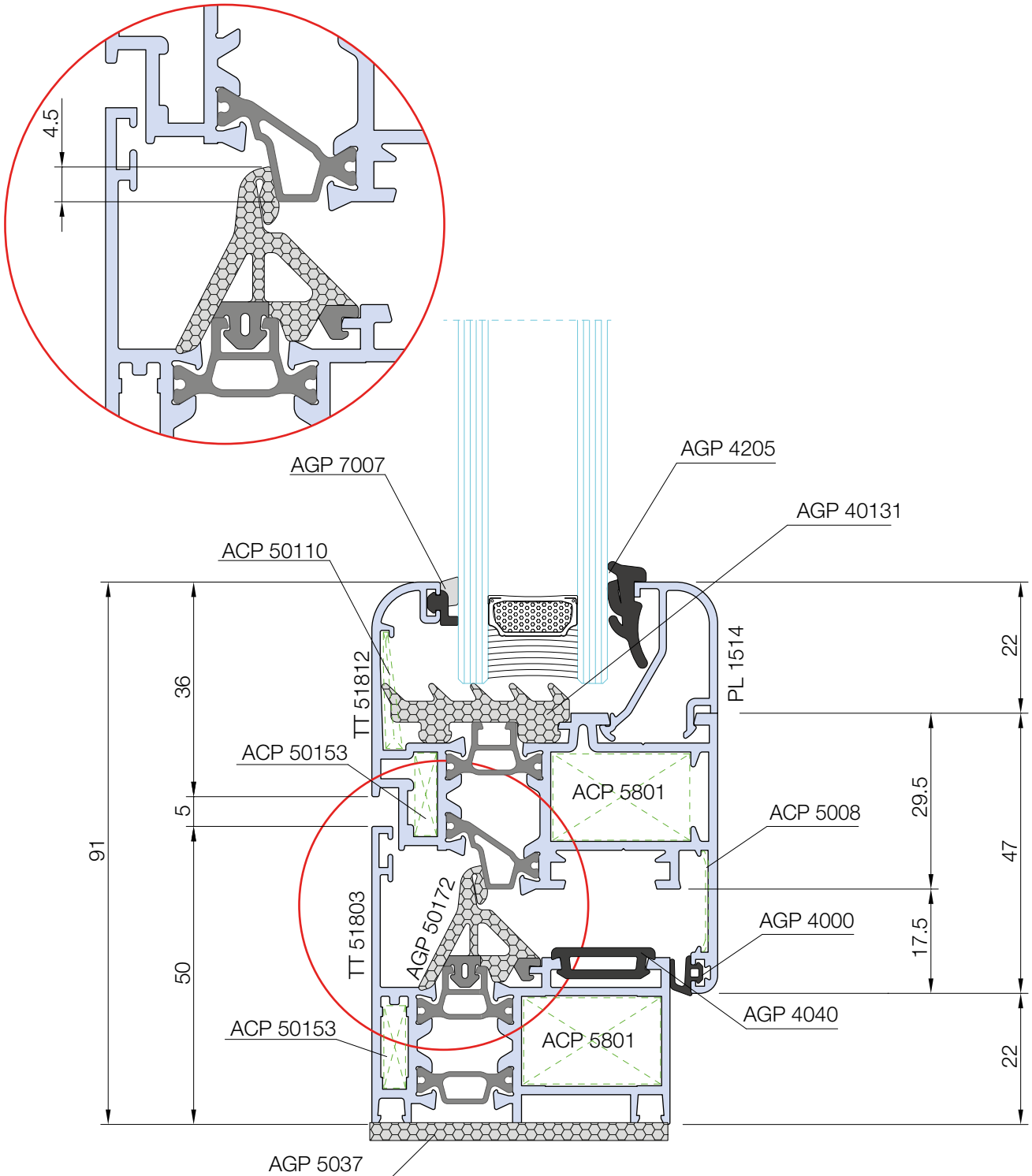
Outward opening - casement door with glass - joint section



Nodo 21

Apertura interna - finestra a battente - nodo soglia

Inward opening - casement window - threshold section

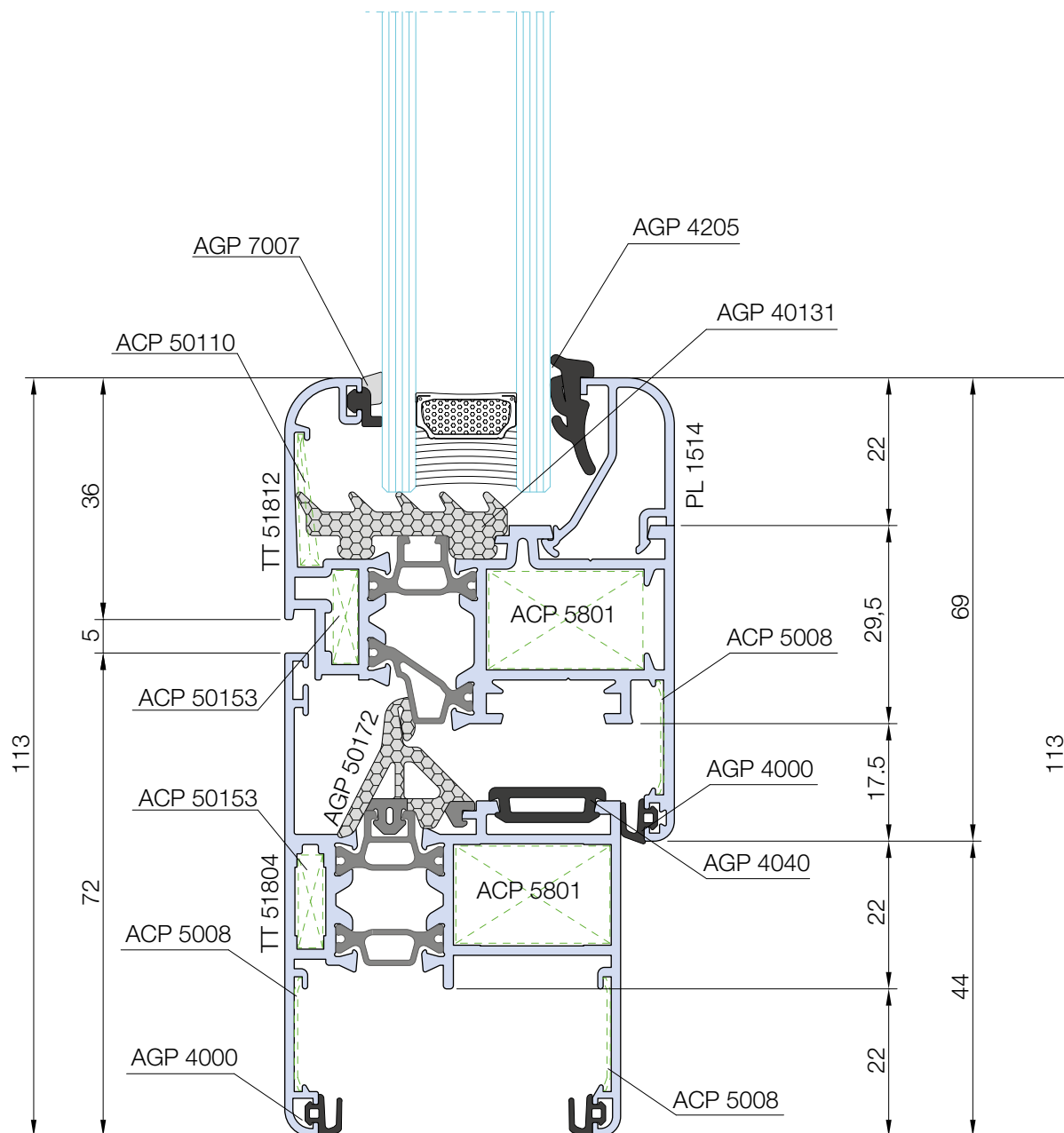


NODI E SEZIONI
Sections

Nodo 22

Apertura interna - finestra a battente - nodo davanzale

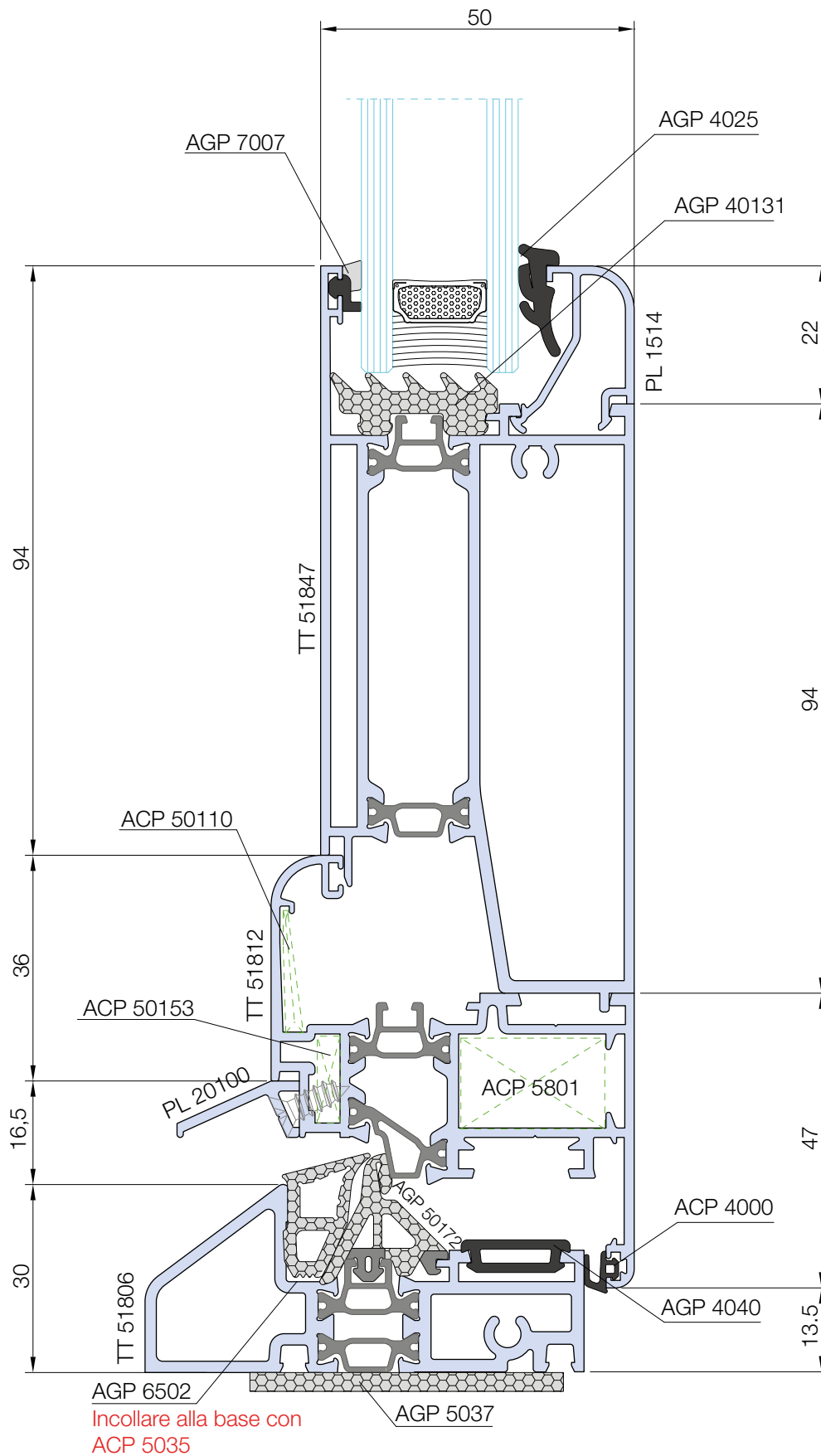
Inward opening - casement window - sill section



Nodo 23

Apertura interna - porta finestra a battente - nodo soglia

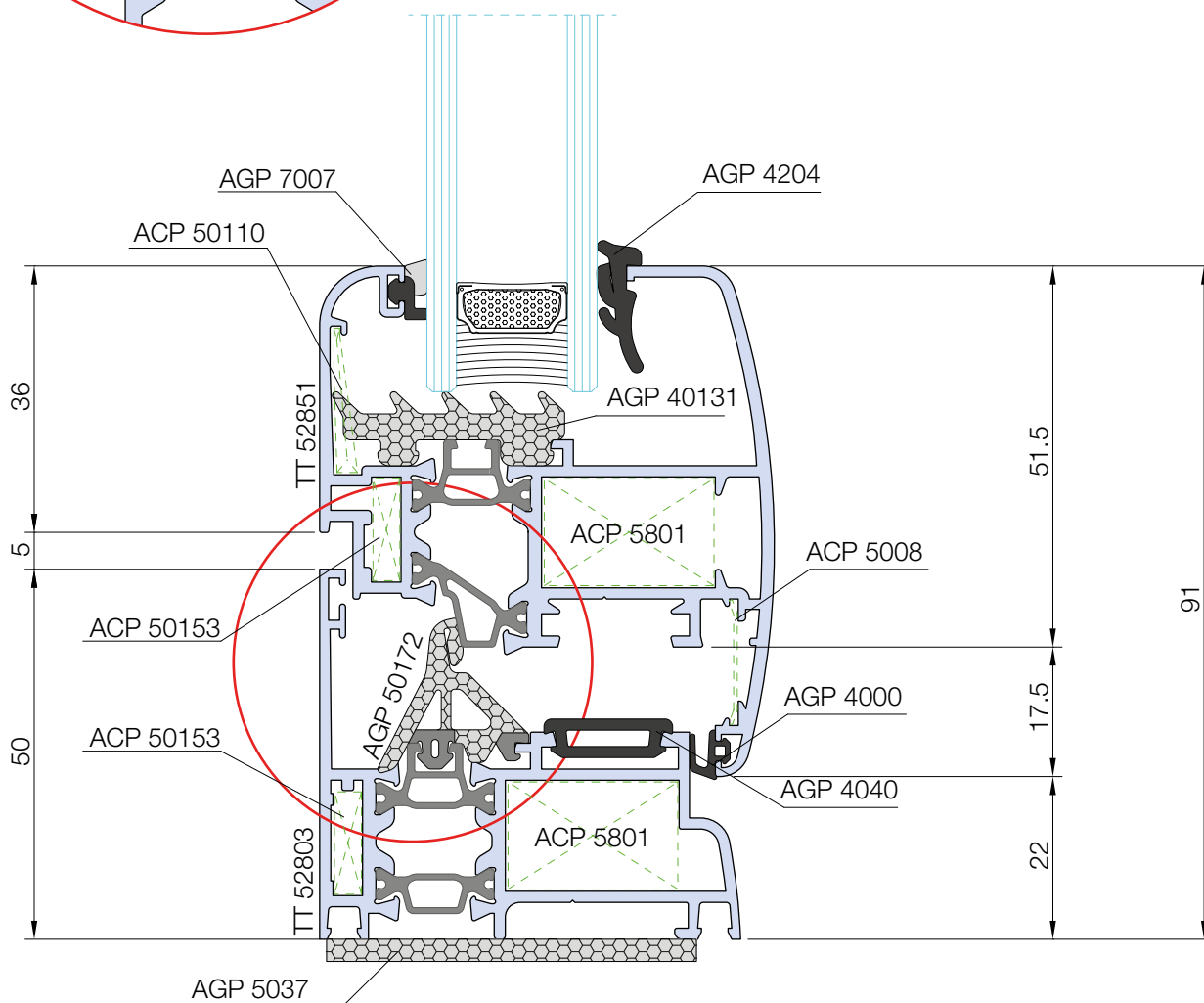
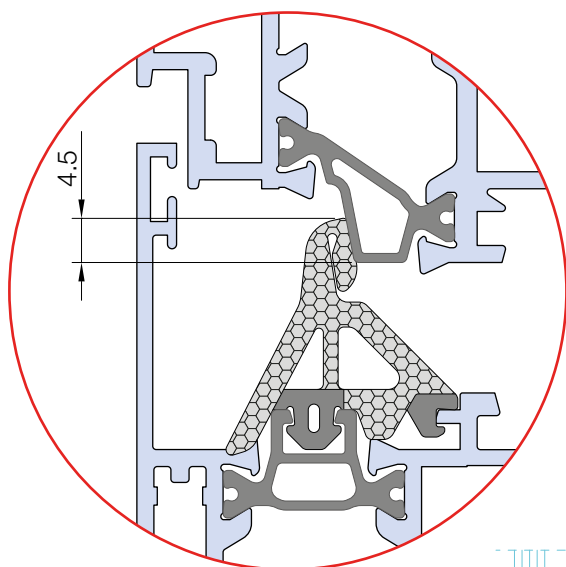
Inward opening - casement window door - threshold section



Nodo 24

Apertura interna - finestra a battente - nodo soglia

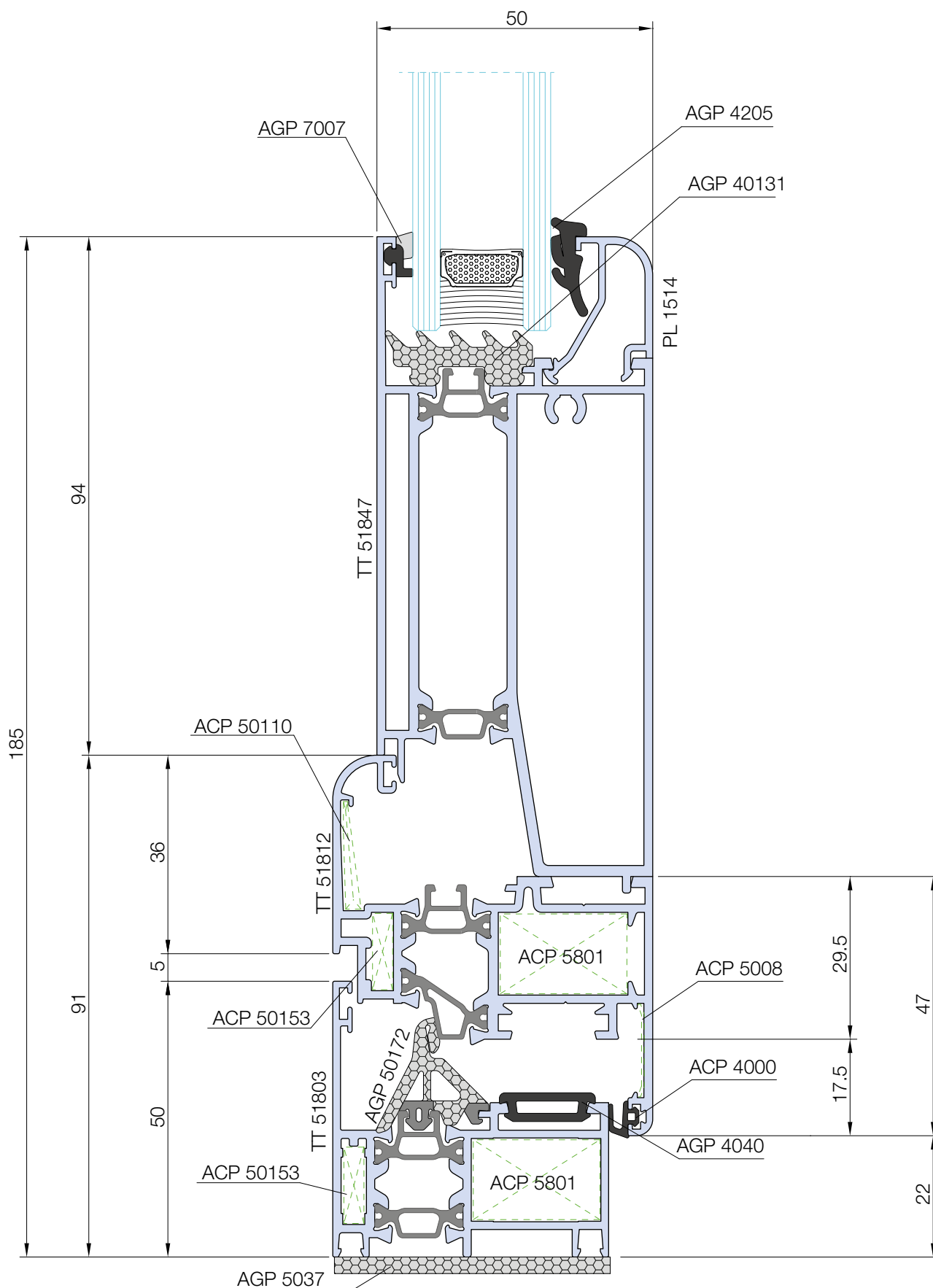
Inward opening - casement window - threshold section



Nodo 25

Apertura interna - porta finestra a battente - nodo soglia

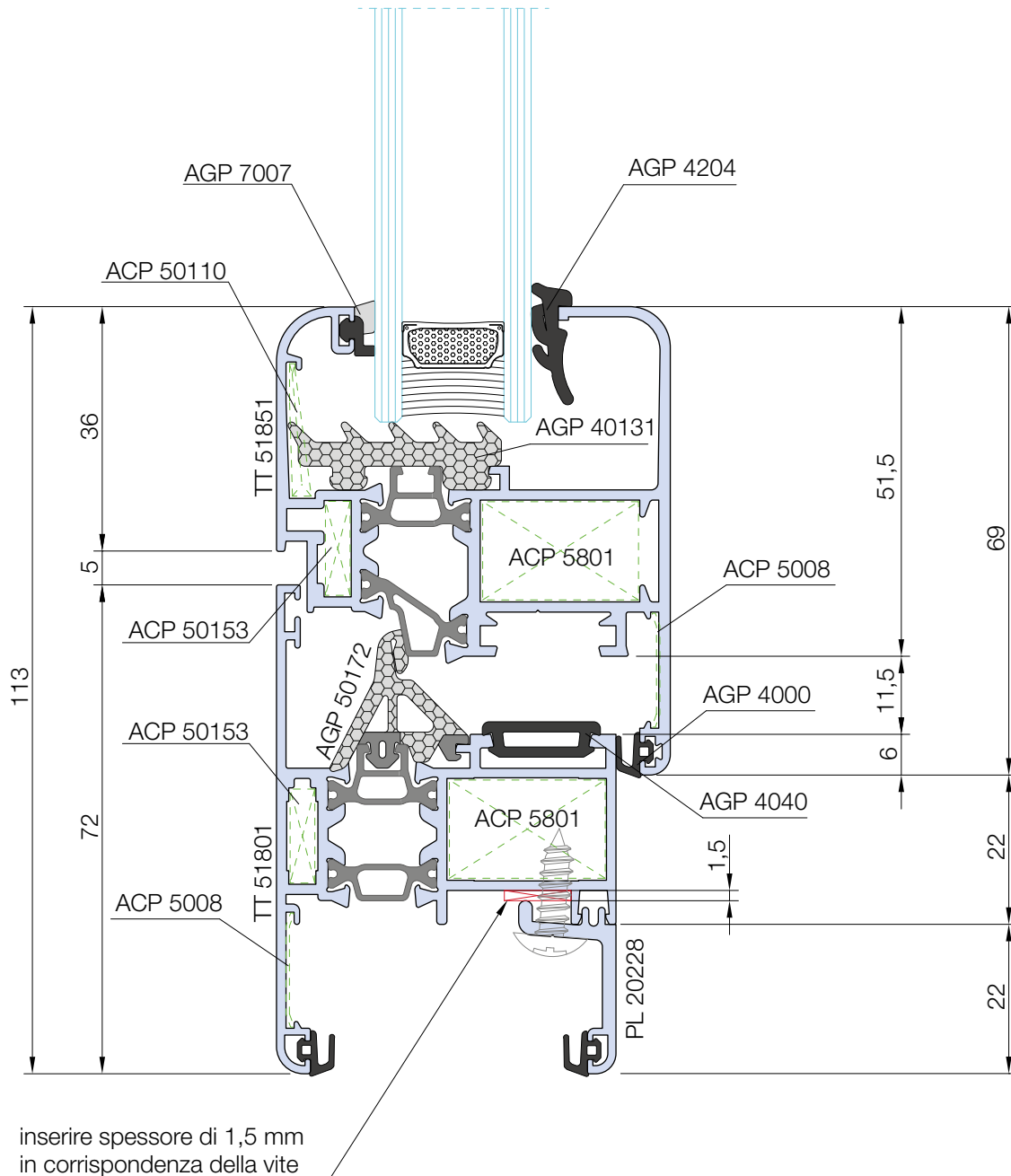
Inward opening - casement window door - threshold section



Nodo 26

Apertura interna - finestra a battente - nodo soglia

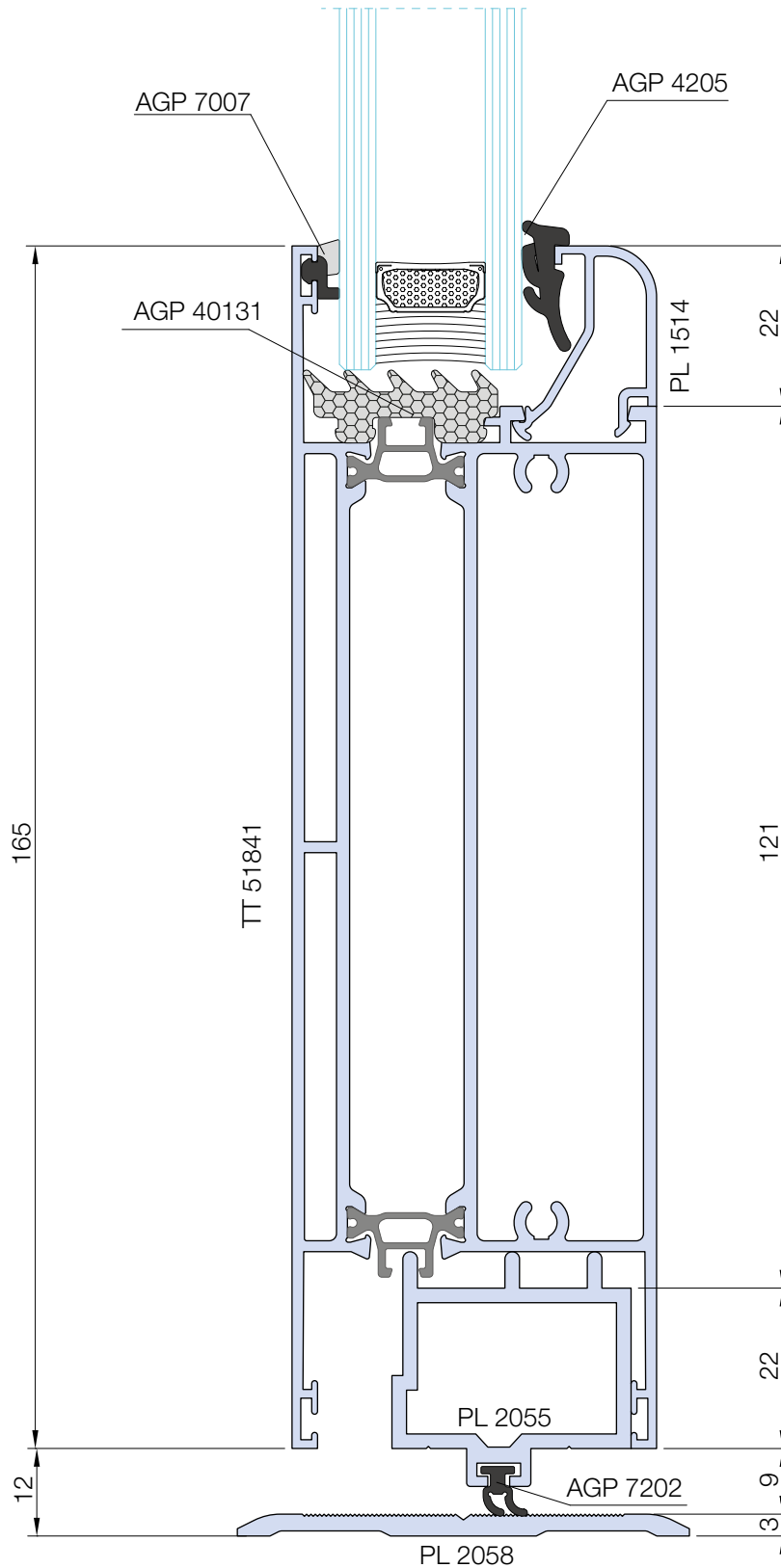
Inward opening - casement window - threshold section



Nodo 27

Apertura interna - finestra a battente - nodo soglia

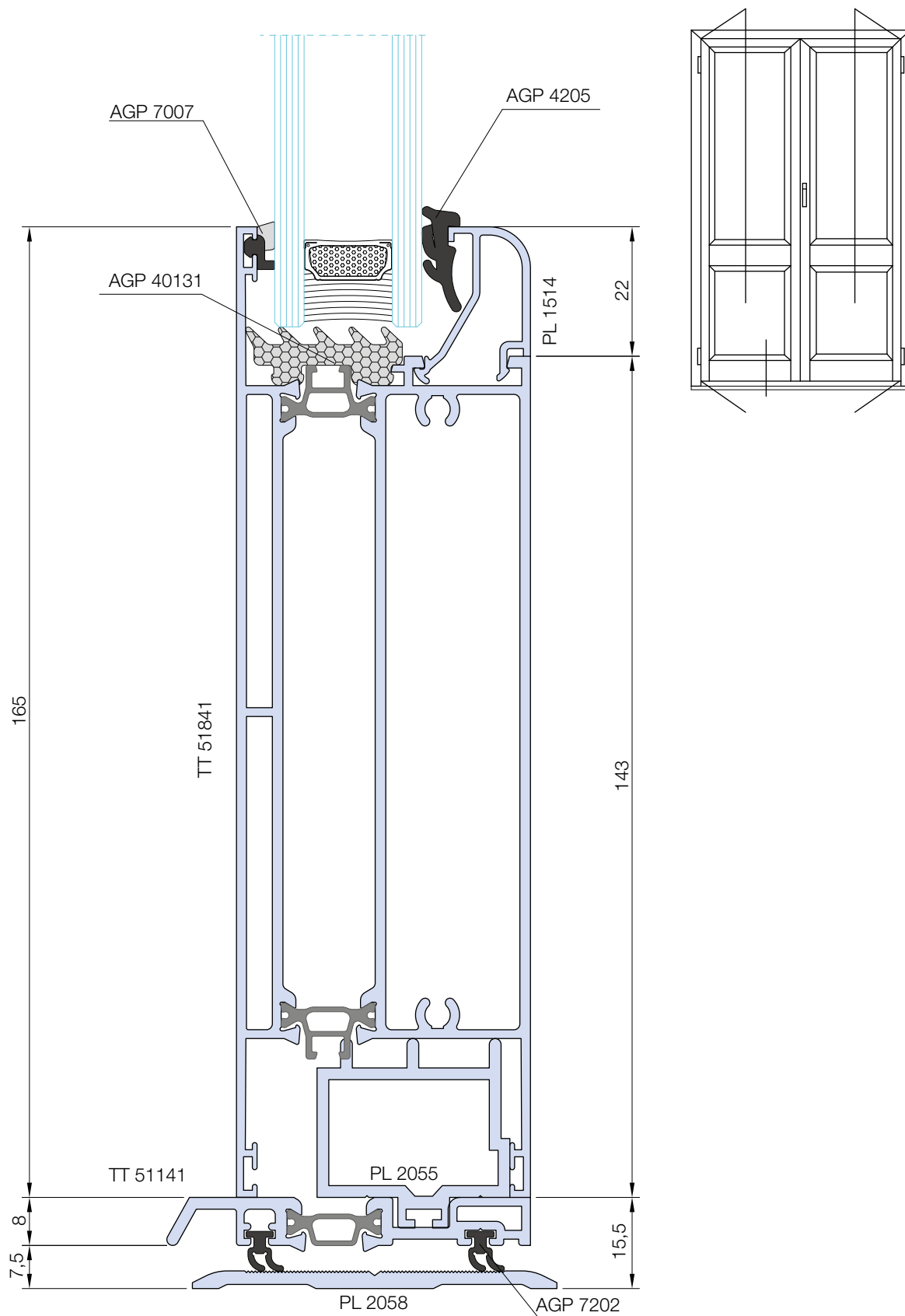
Inward opening - casement window - threshold section



Nodo 28

Apertura interna - portafinestra a battente - nodo soglia

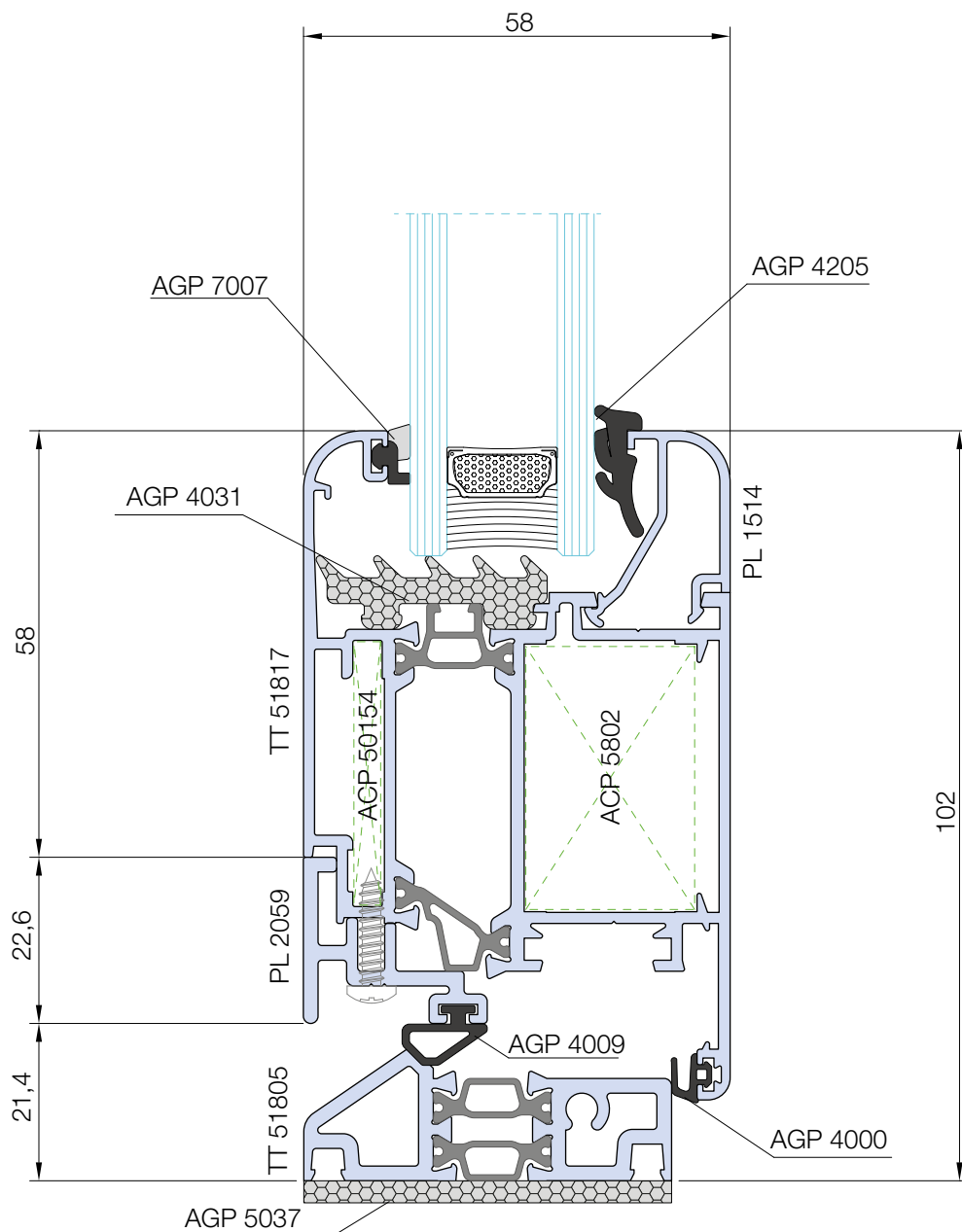
Inward opening - casement window - lower node



Nodo 29

Apertura interna - finestra a battente - nodo soglia - anta a girare

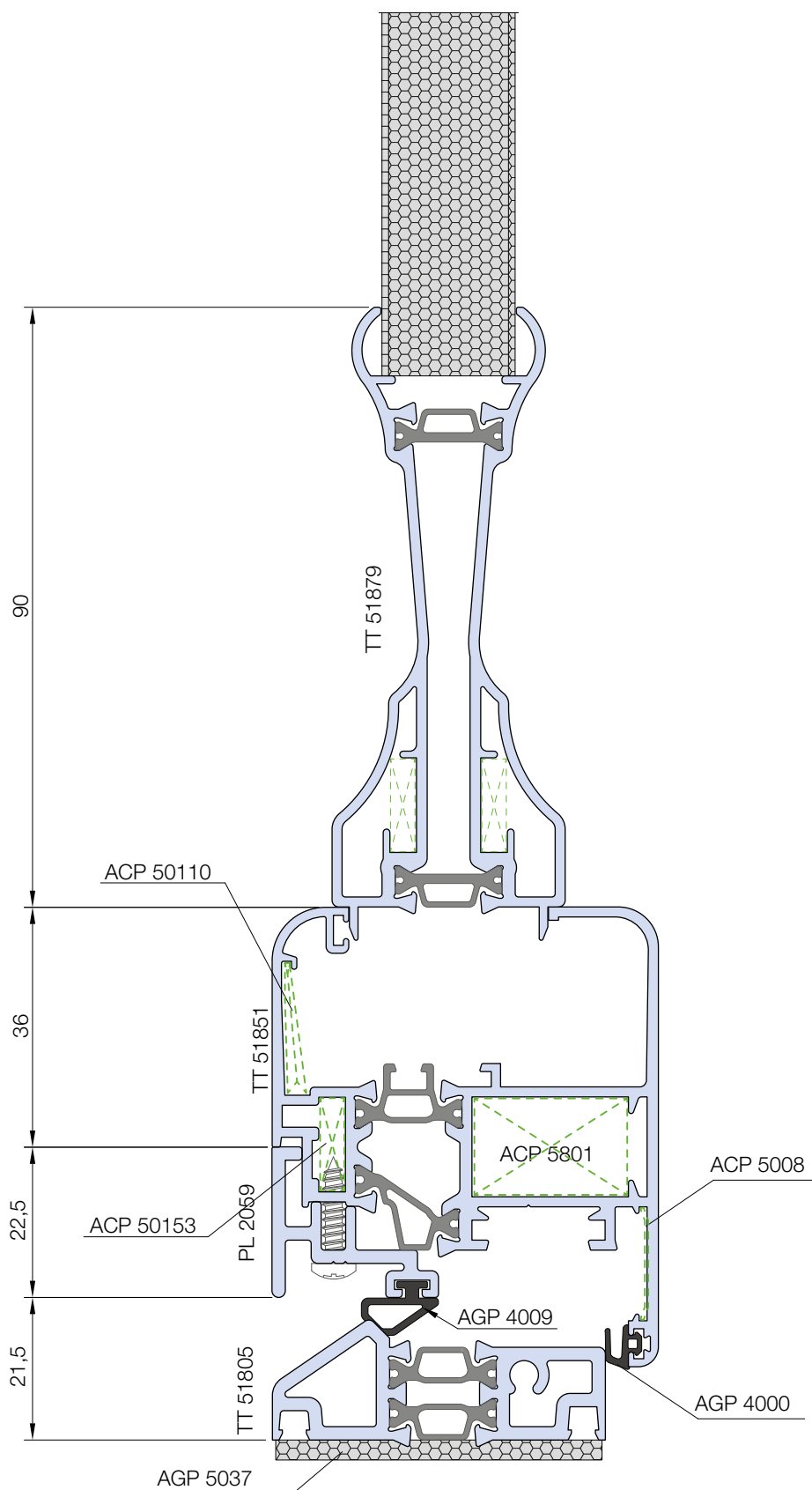
Inward opening - casement window - threshold section - turned leaf



Nodo 30

Apertura interna - portafinestra a battente - nodo soglia ribassata - anta a girare con cornice

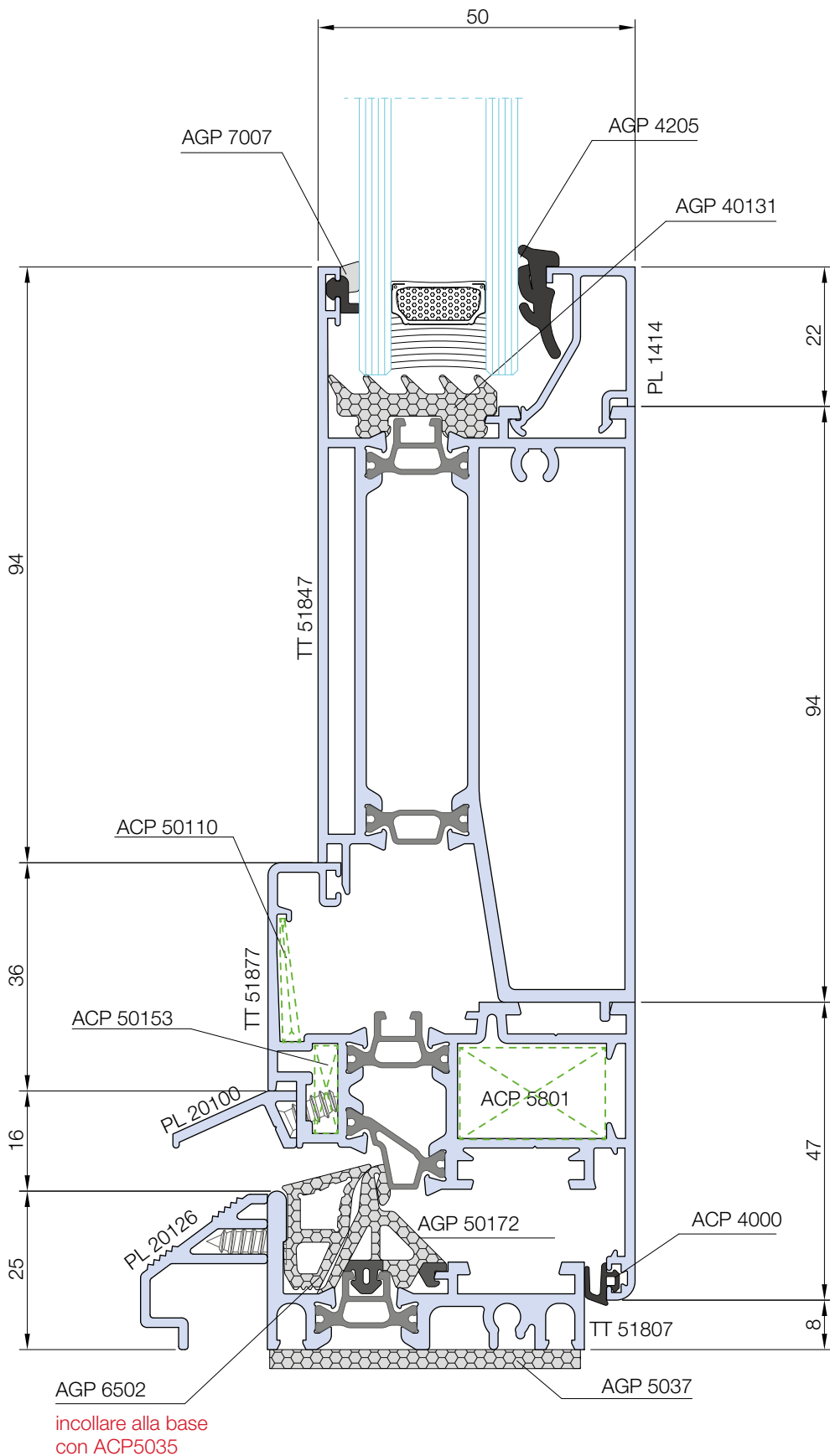
Inward opening - casement window - sill node



Nodo 31

Apertura interna - porta finestra a battente - nodo soglia

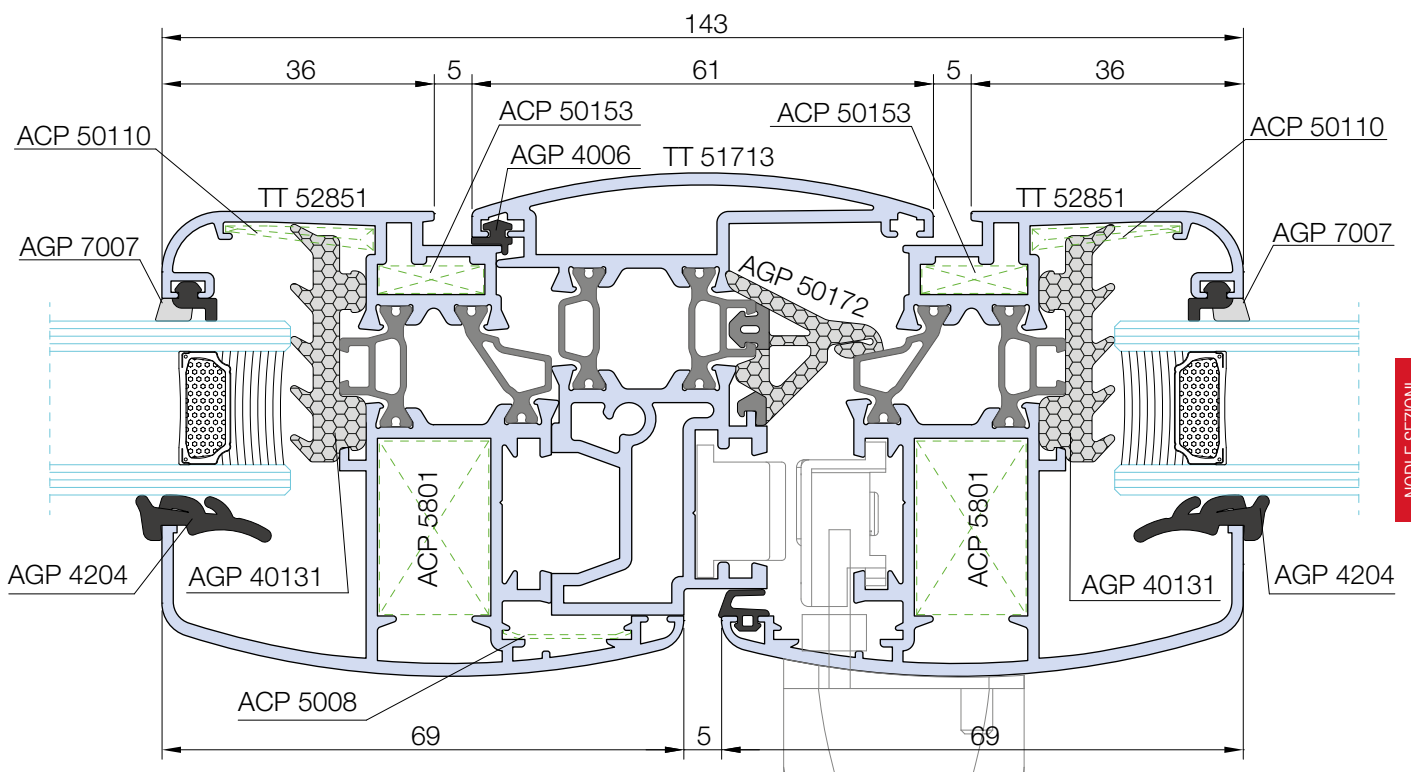
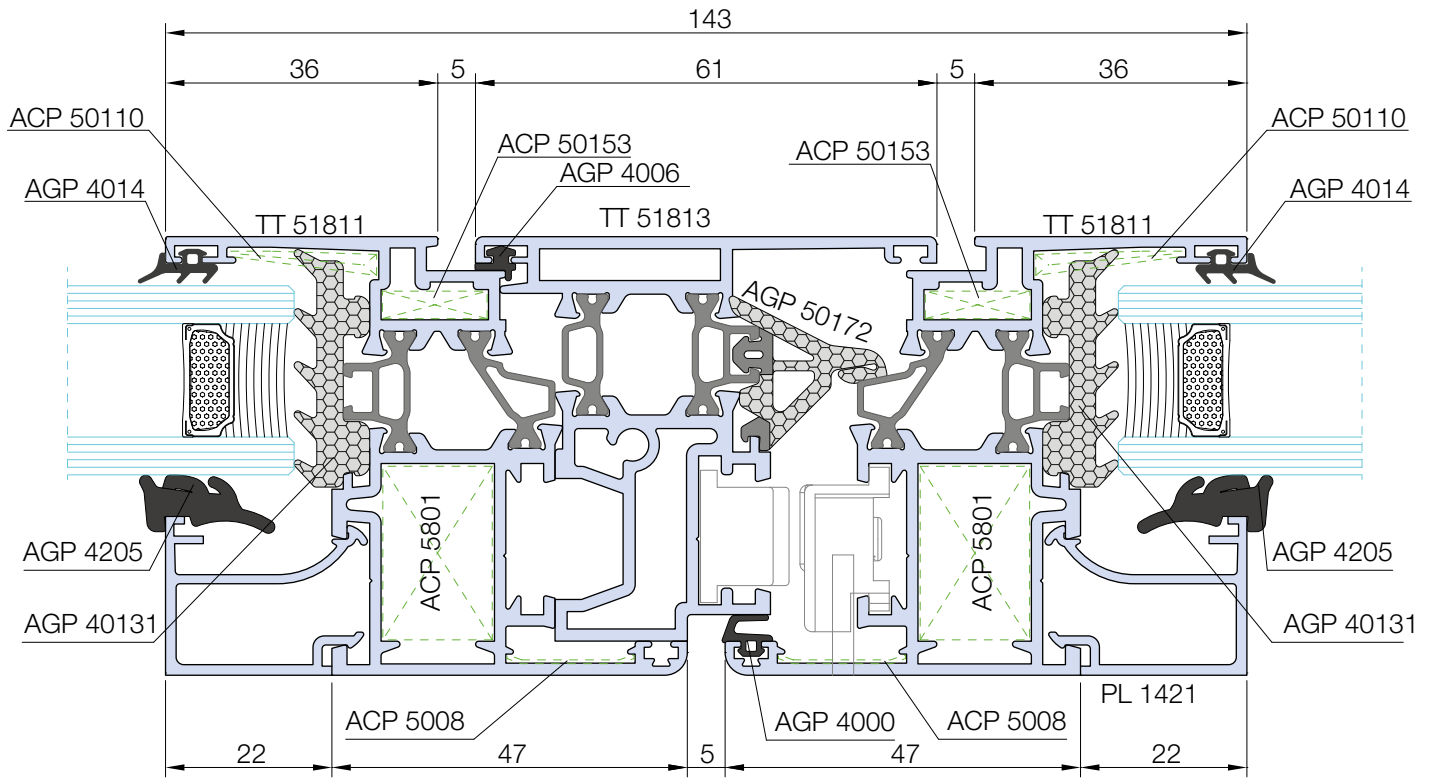
Inward opening - casement door window - threshold section



Nodo 32

Apertura interna - finestra a battente - nodo centrale

Inward opening - casement window - central section

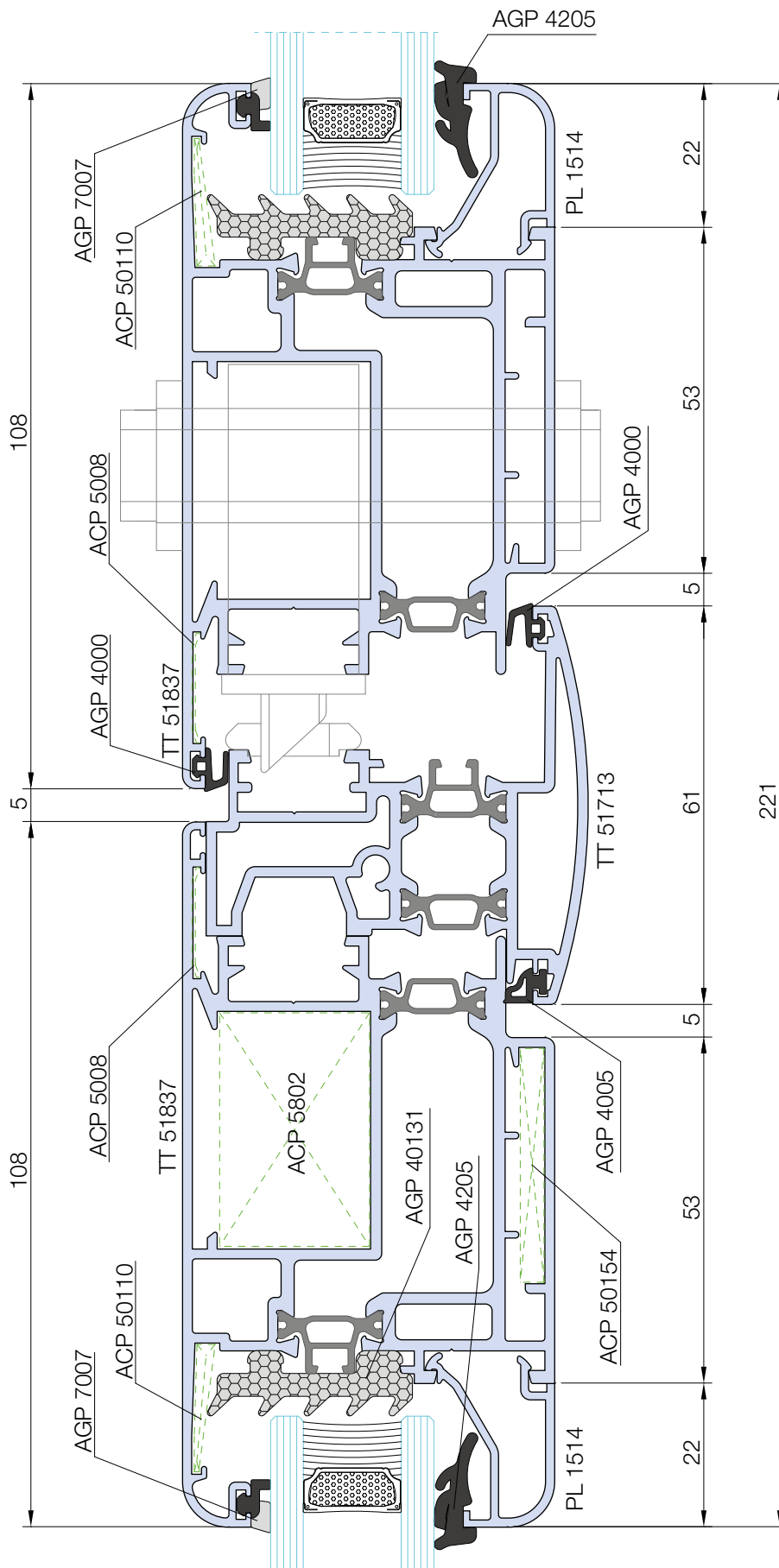


NODI E SEZIONI
Sections

Nodo 33

Apertura esterna - porta a battente - nodo centrale

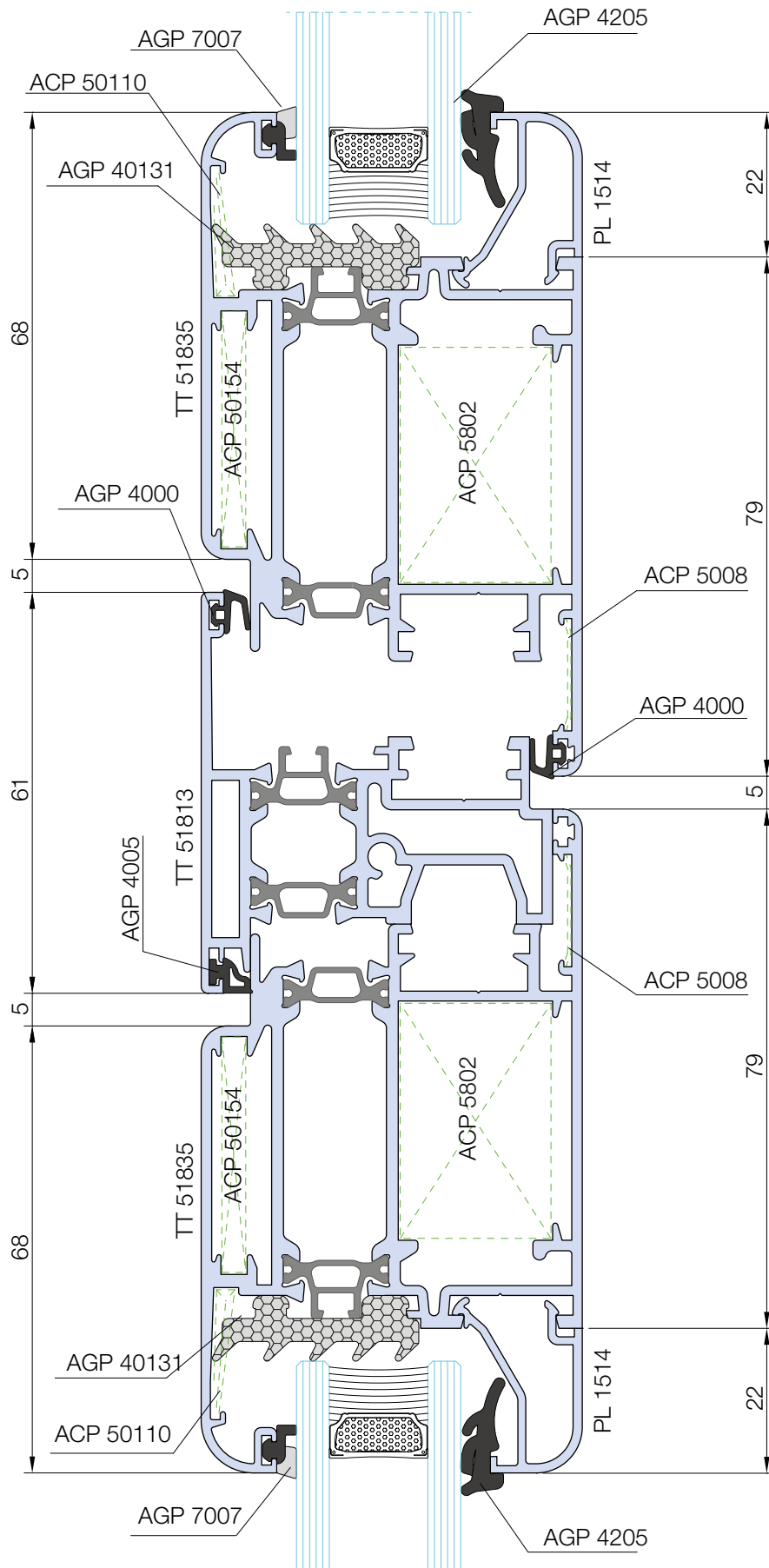
Outward opening - casement door - central section



Nodo 34

Apertura interna - finestra doppia battuta - nodo centrale

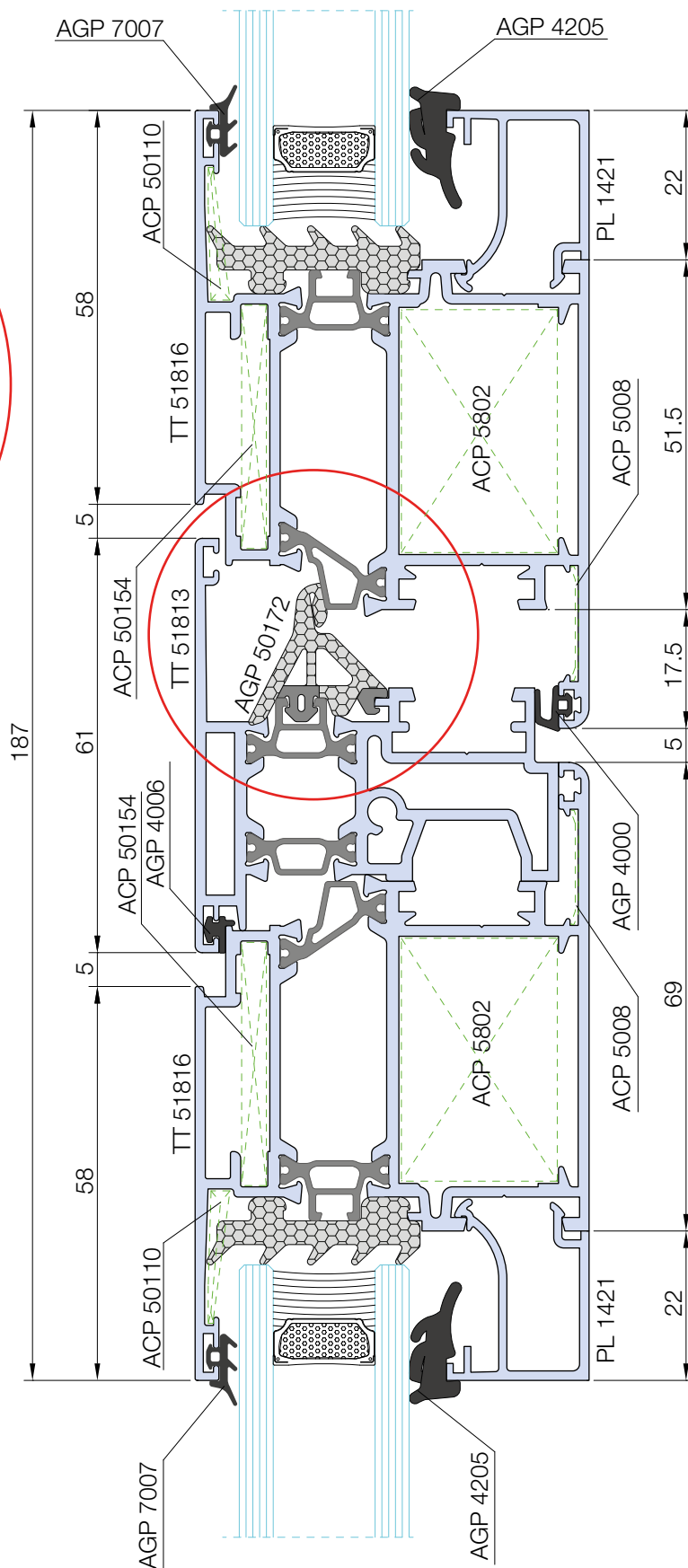
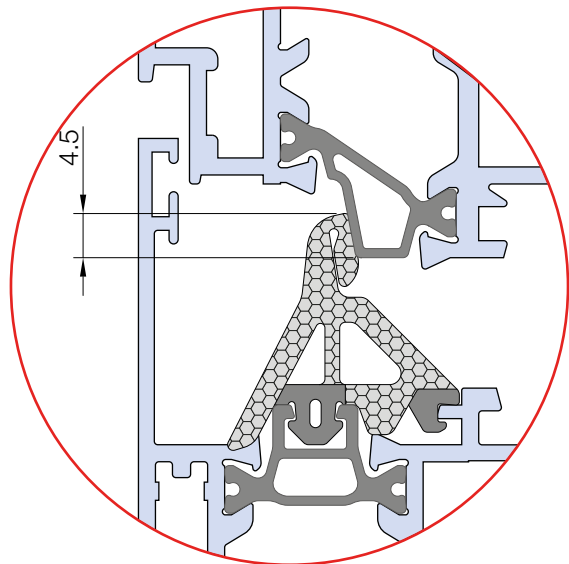
Inward opening - double casement window - central section



Nodo 35

Apertura interna - porta finestra a battente - nodo centrale

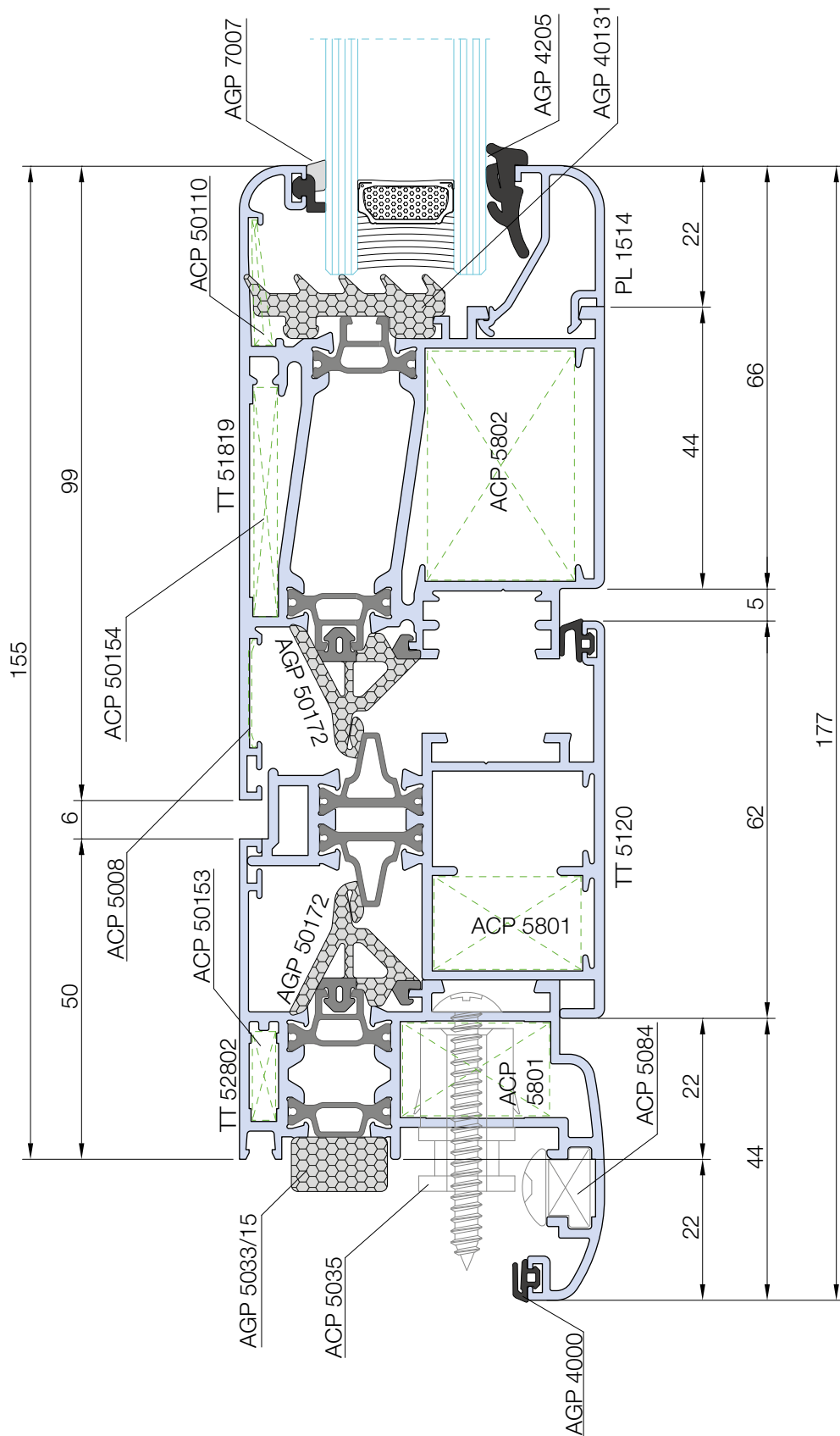
Inward opening - casement door window - central section



Nodo 36

Bilico - nodo perimetrale inferiore

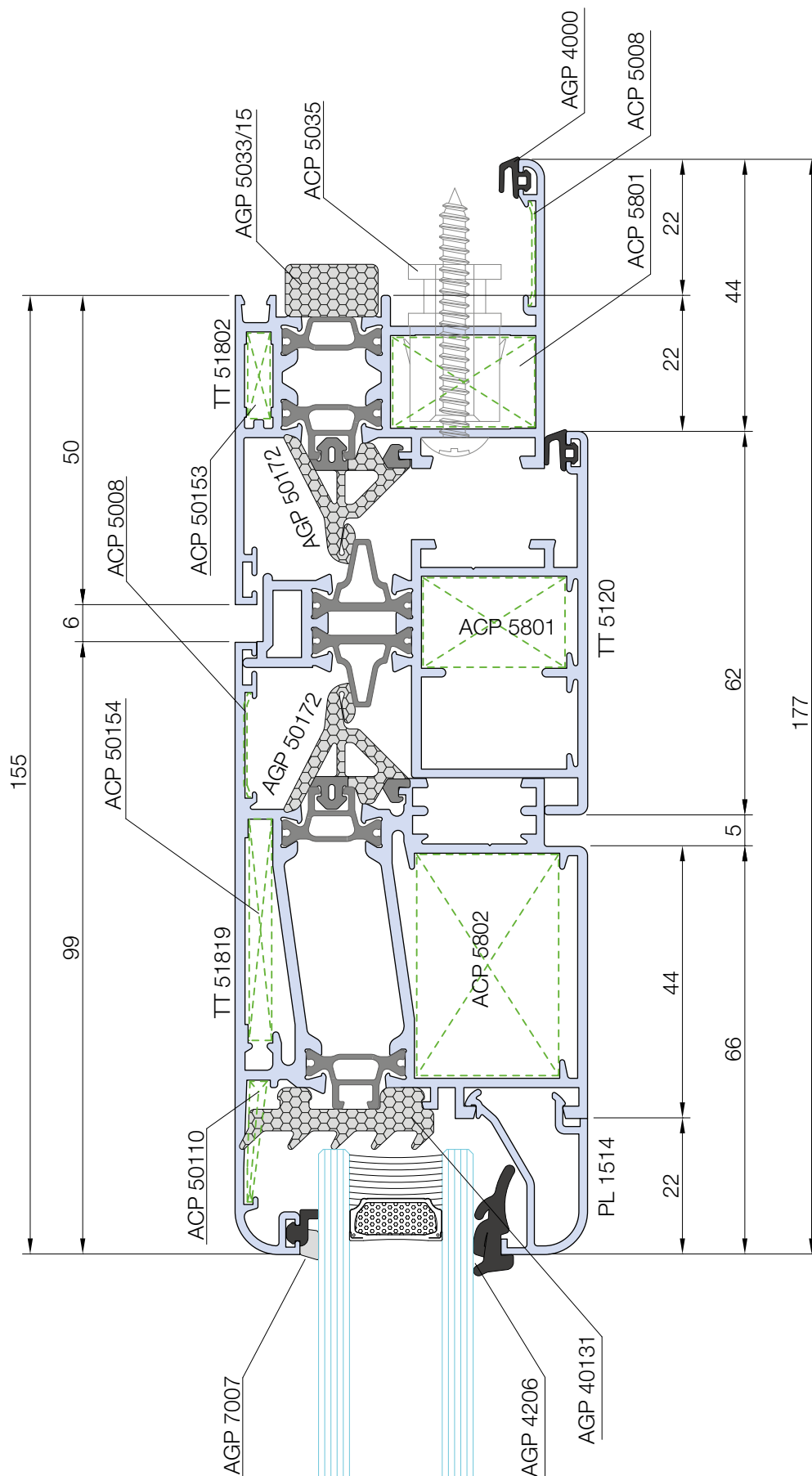
Top hung window - perimetral section



Nodo 37

Bilico - nodo perimetrale superiore

Top hung window - perimetral section

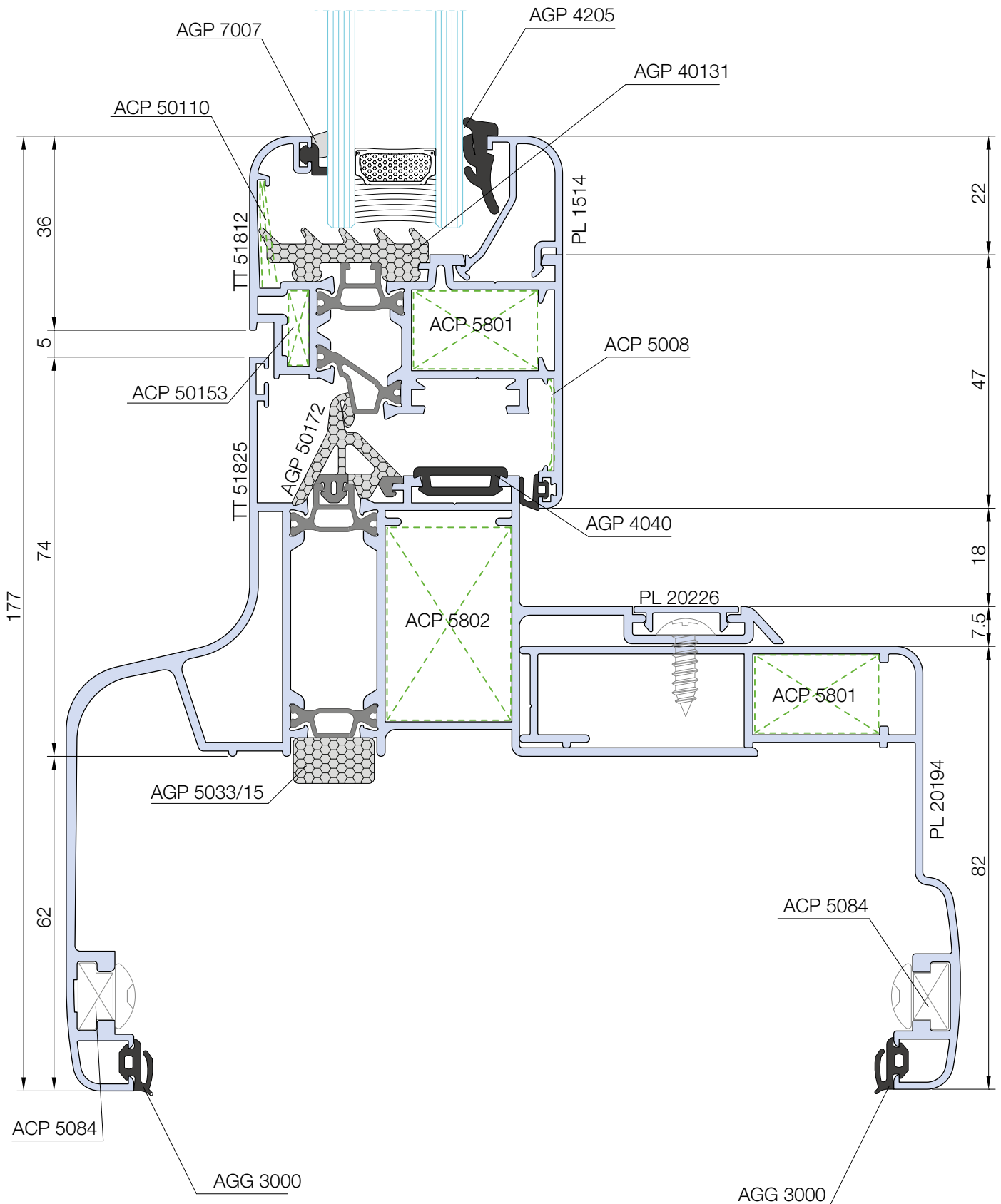


NODI E SEZIONI
Sections

Nodo 38

Telaio capannoni con imbotte - nodo perimetrale

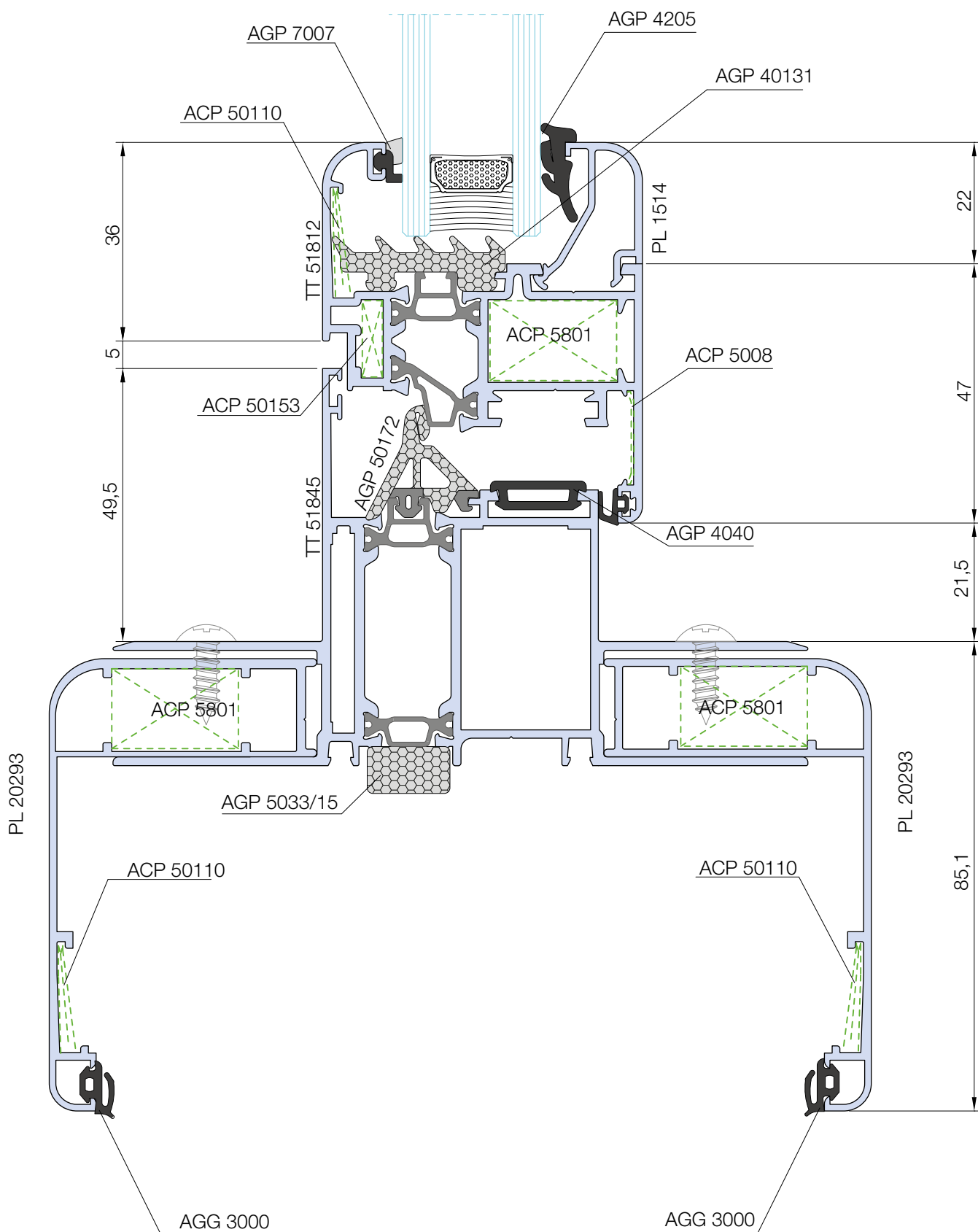
Industrial shed with double wall profile - perimetral section



Nodo 39

Telaio capannoni con imbotte - nodo perimetrale

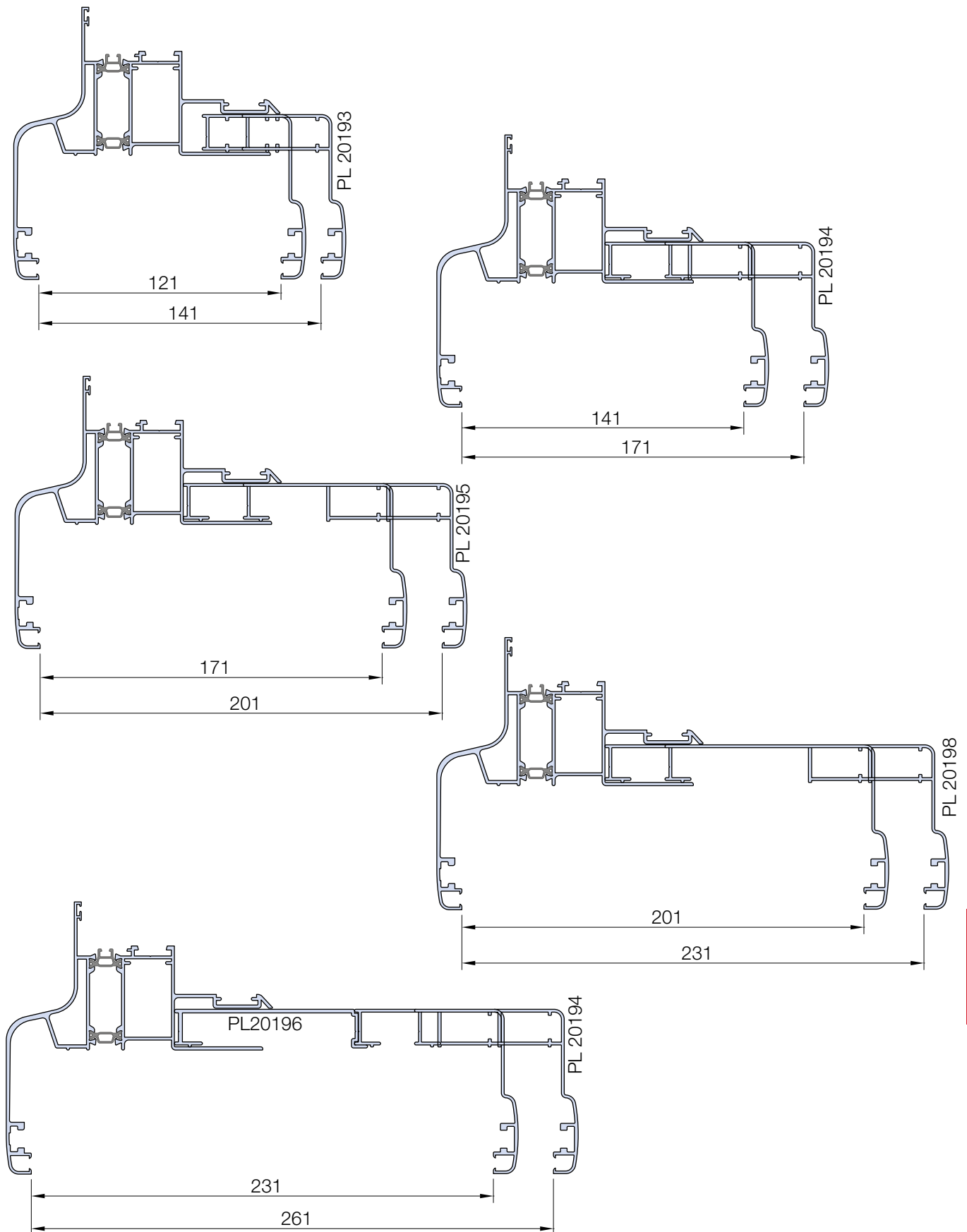
Industrial shed with double wall profile - perimetral section



Nodo 40

Telaio capannoni con imbotte - range d'applicazione

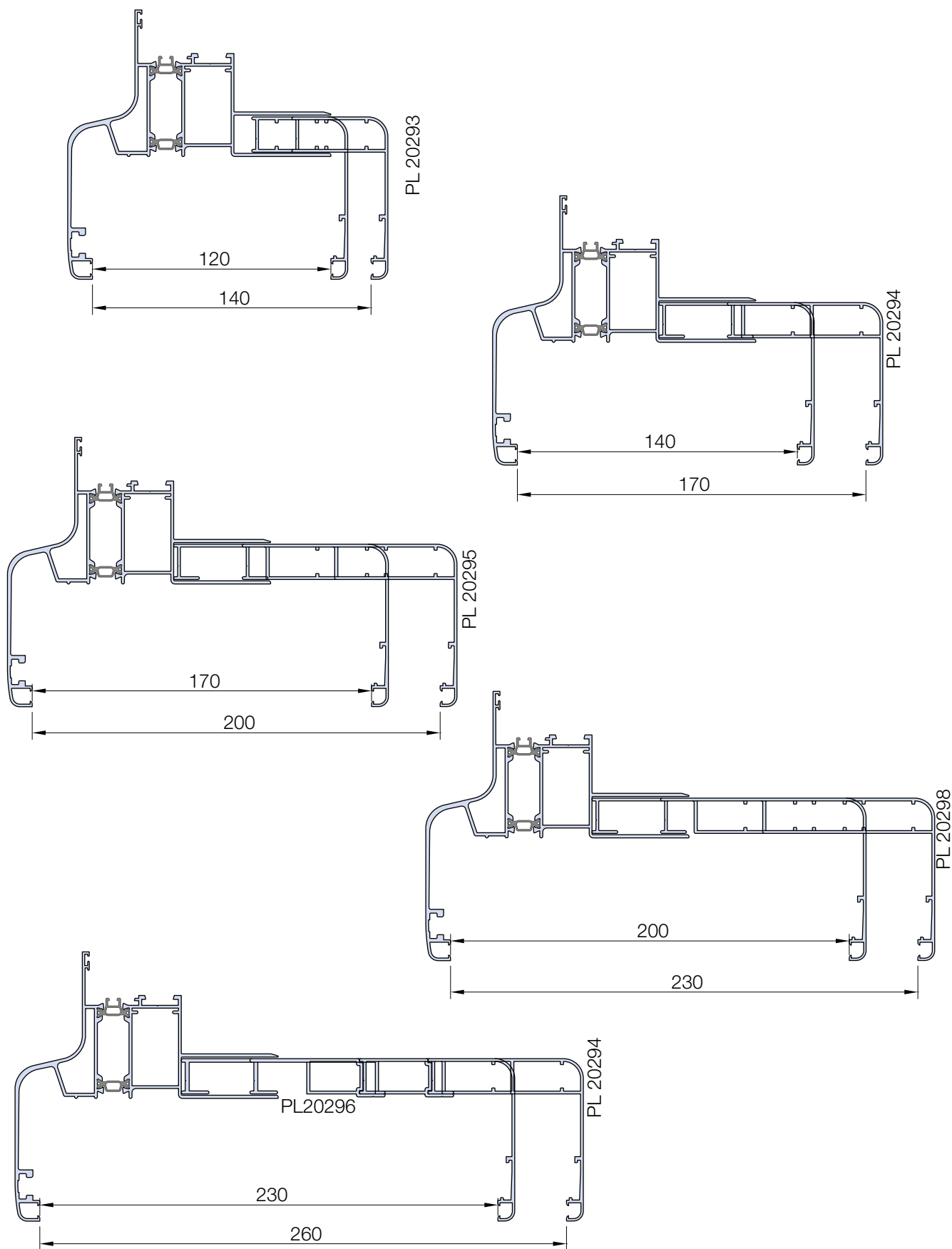
Industrial shed with double wall profile - range of application



Nodo 41

Telaio capannoni con imbotte - range d'applicazione

Industrial shed with double wall profile - range of application

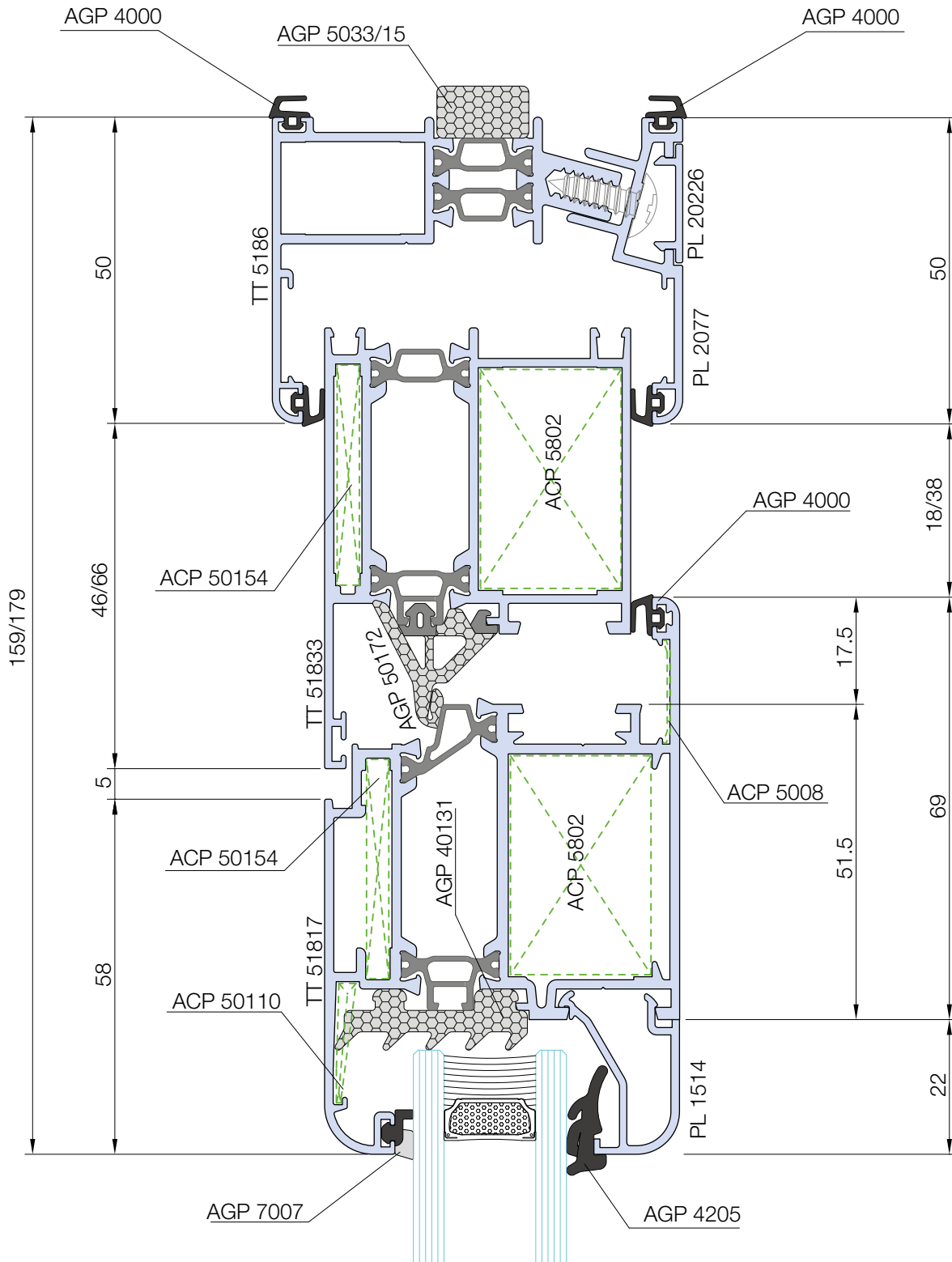


NODI E SEZIONI
Sections

Nodo 42

Finestrature a nastro - nodo perimetrale

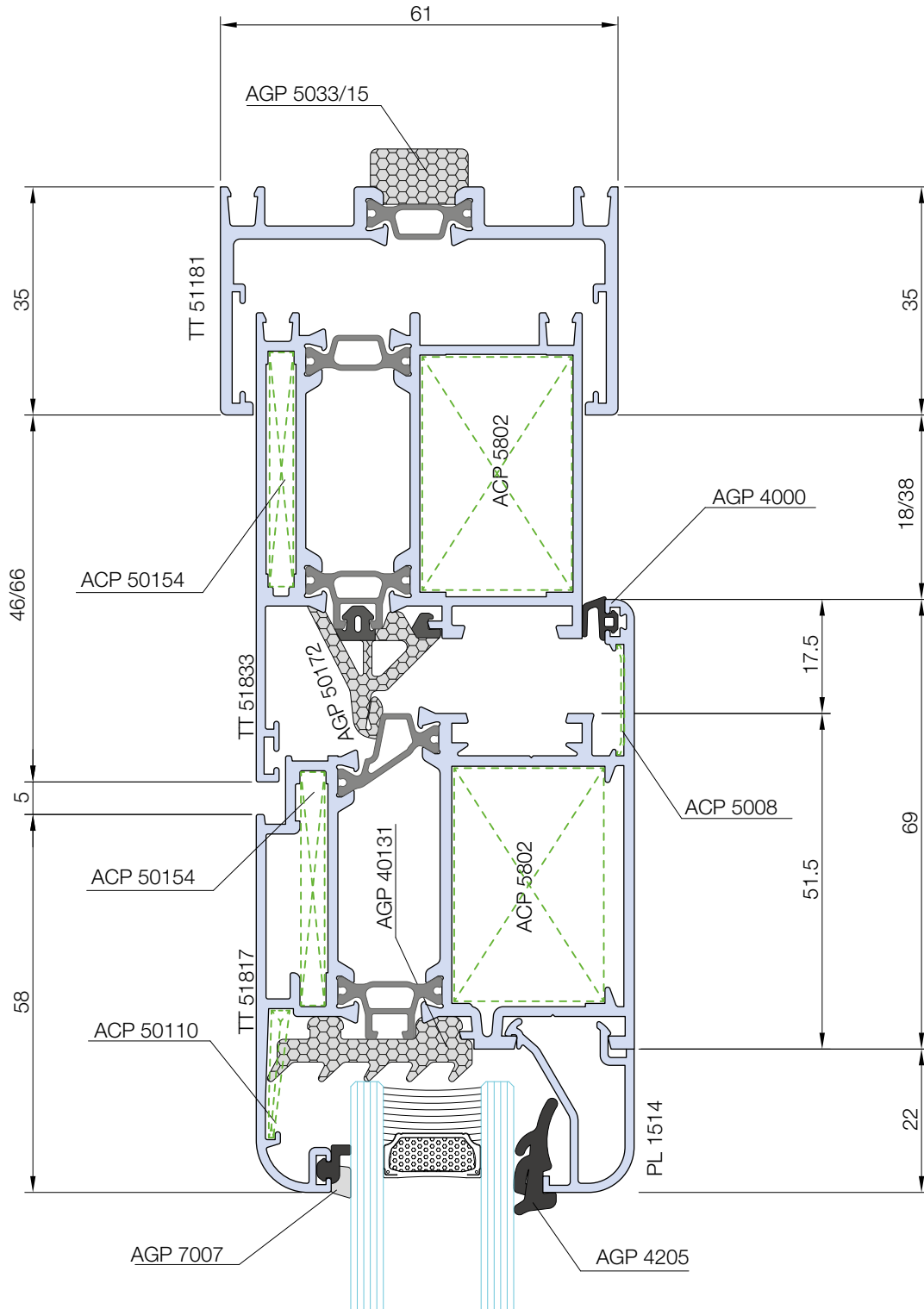
Ribbon windows - perimetral section



Nodo 43

Finestratura a nastro - nodo superiore

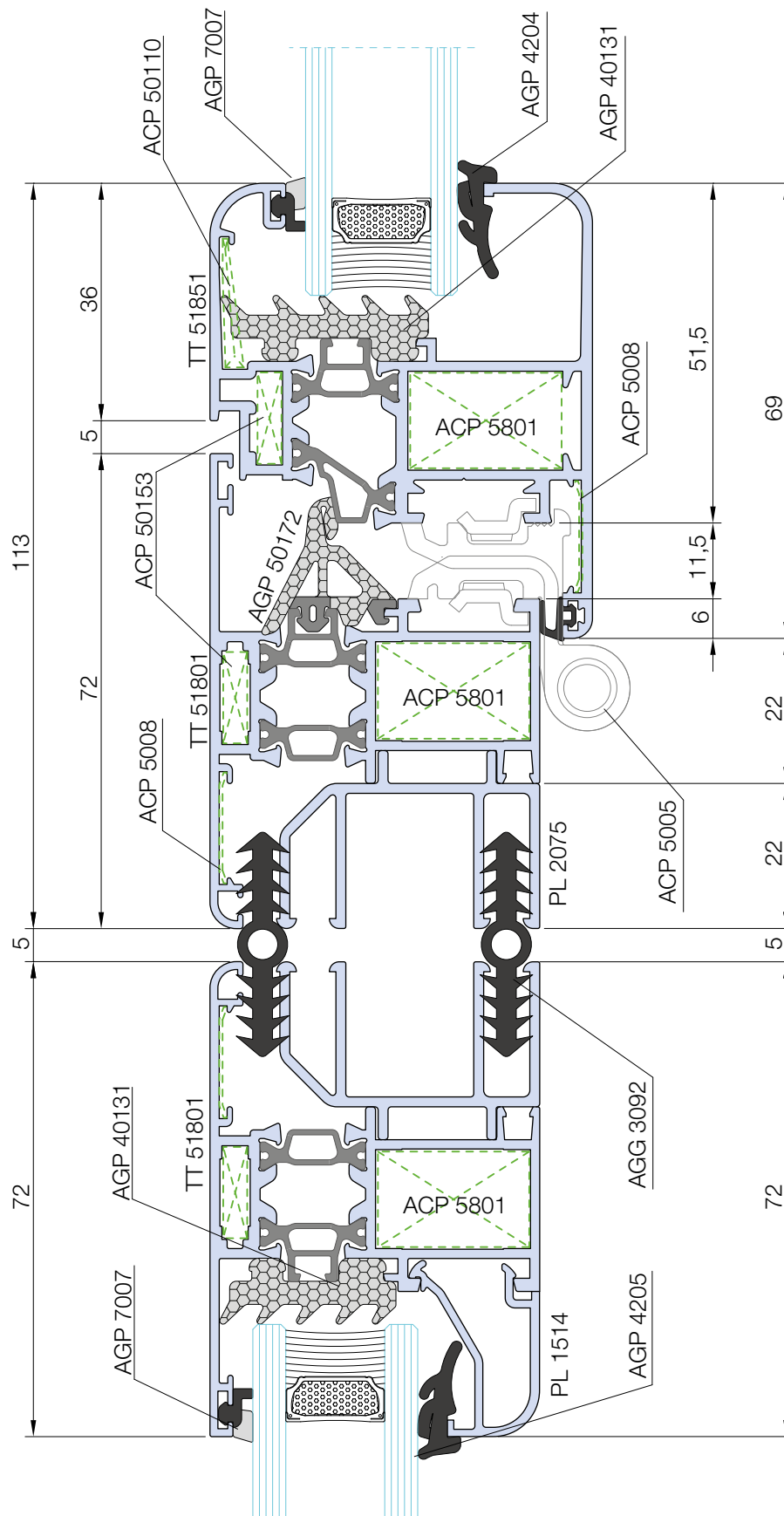
Ribbon window - upper node



Nodo 44

Finestratura a nastro - giunto di dilatazione

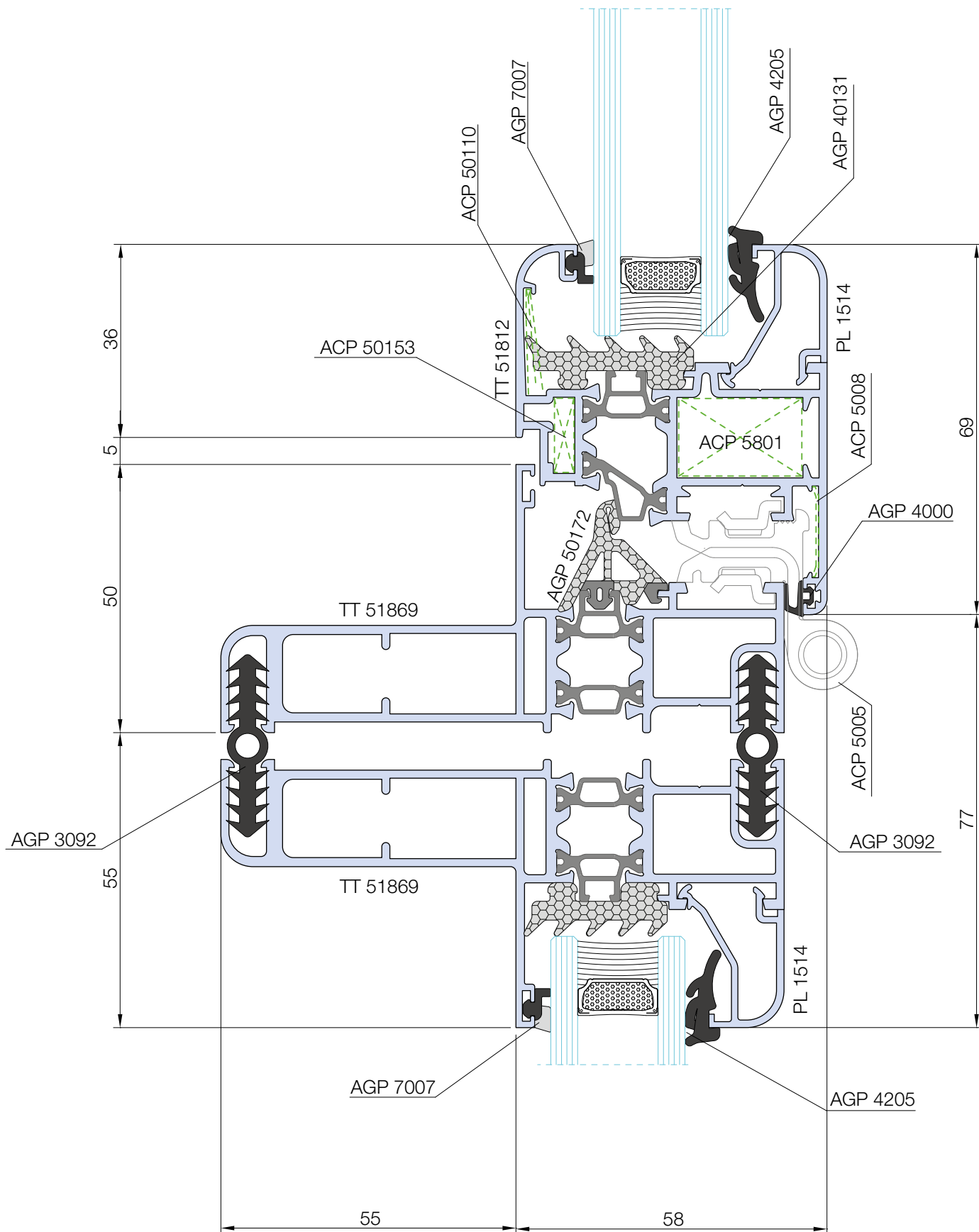
Ribbon window - expansion joint



Nodo 45

Finestratura a nastro - mezza colonna - giunto dilatazione

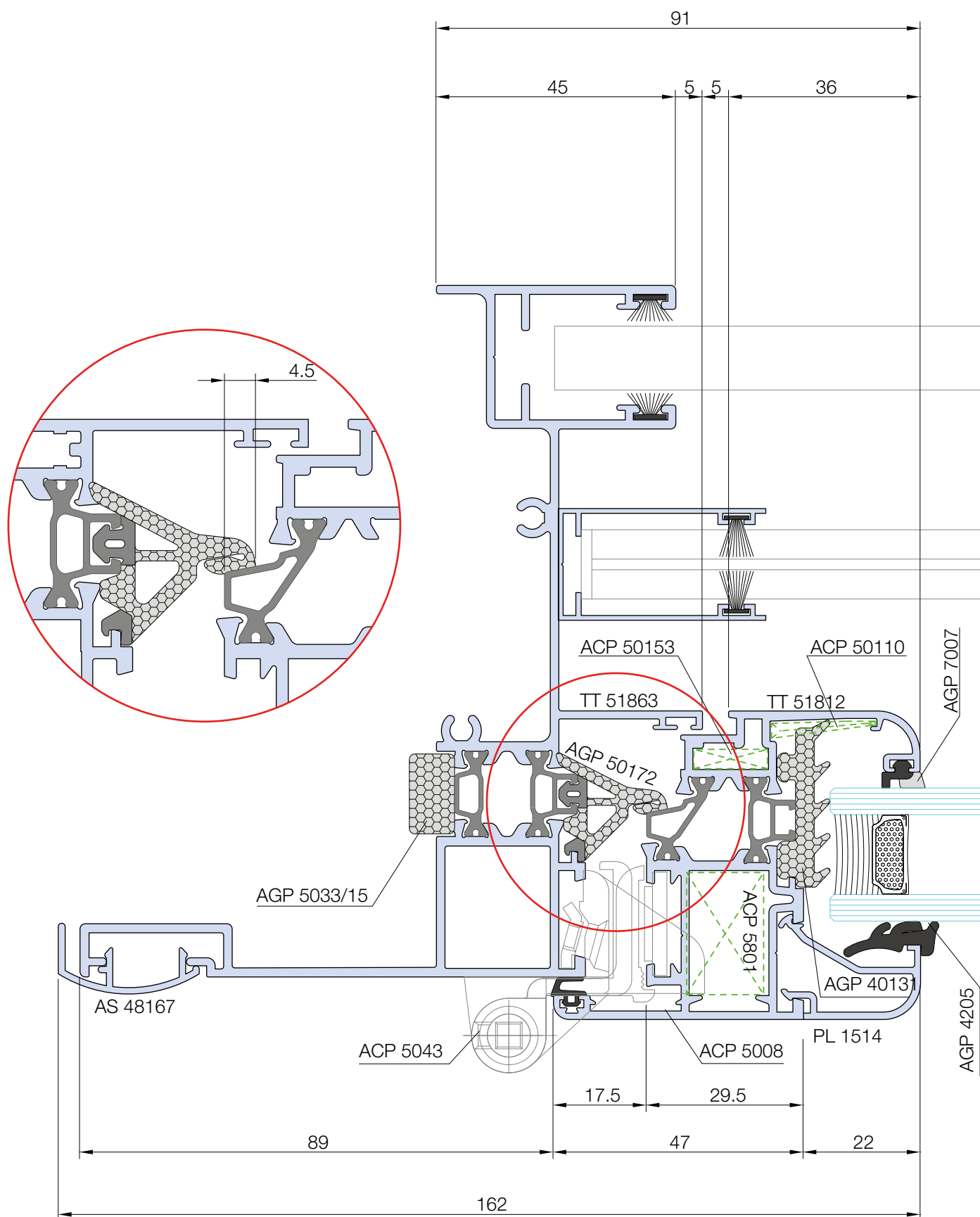
Ribbon window - half column - expansion joint



Nodo 46

Finestra monoblocco spalla aperta con guida tapparella e zanzariera - nodo laterale

Single unit casement window open abutment with roller shutter track and mosquito net - lateral section

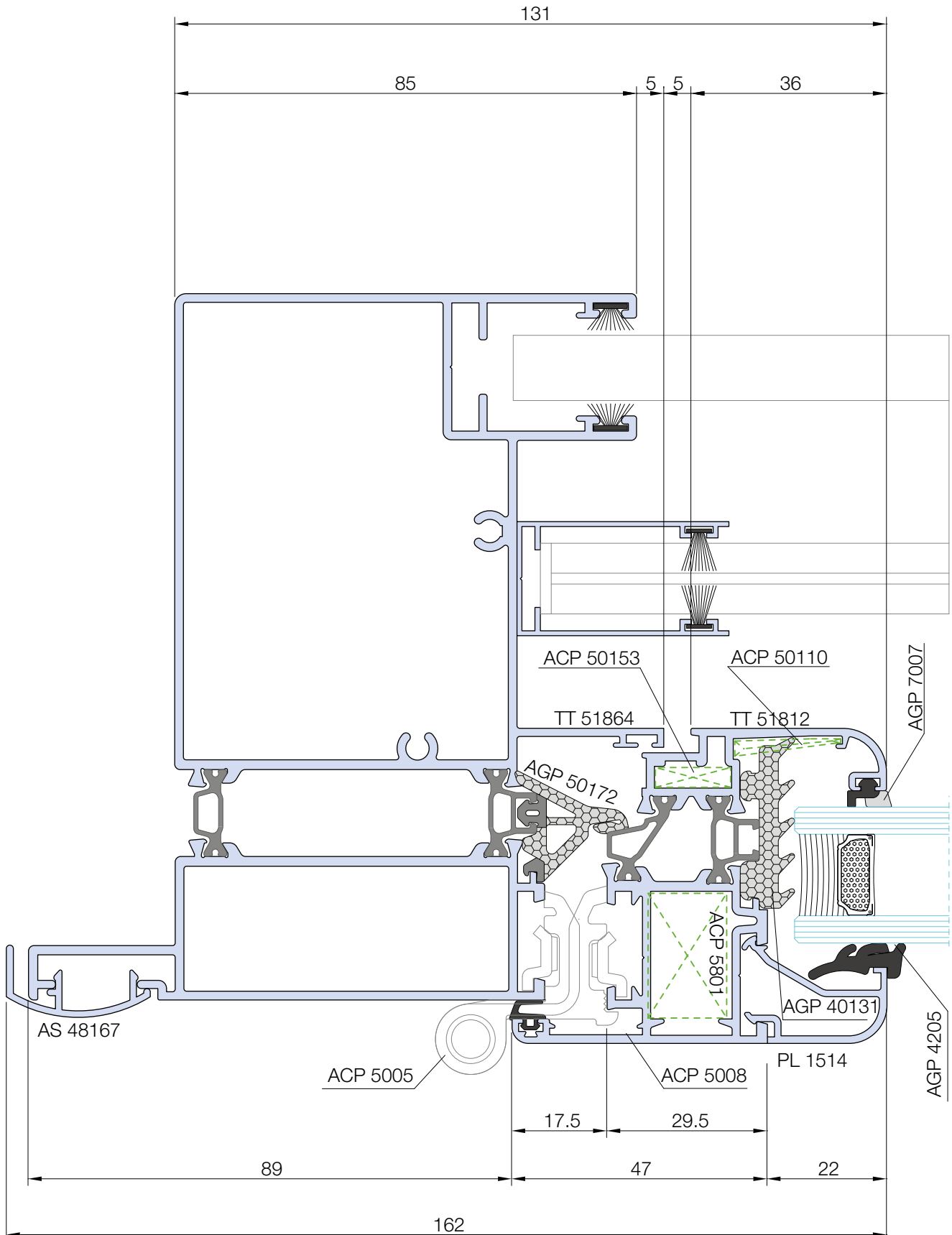


NODI E SEZIONI
Sections

Nodo 47

Finestra monoblocco spalla chiusa con guida tapparella e zanzariera - nodo laterale

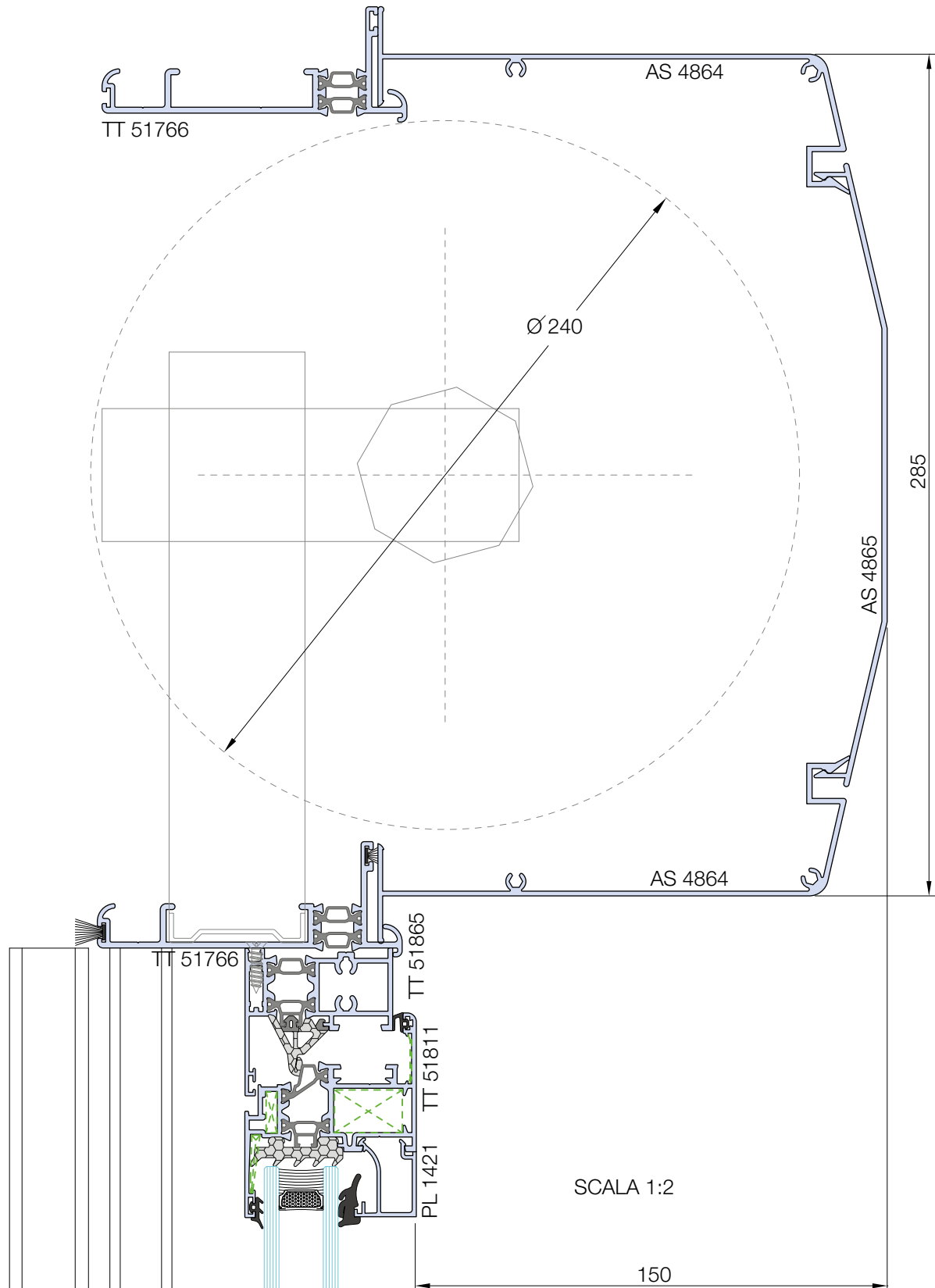
Single unit casement window closed abutment with roller shutter track and mosquito net - lateral section



Nodo 48

Nodo cassonetto monoblocco

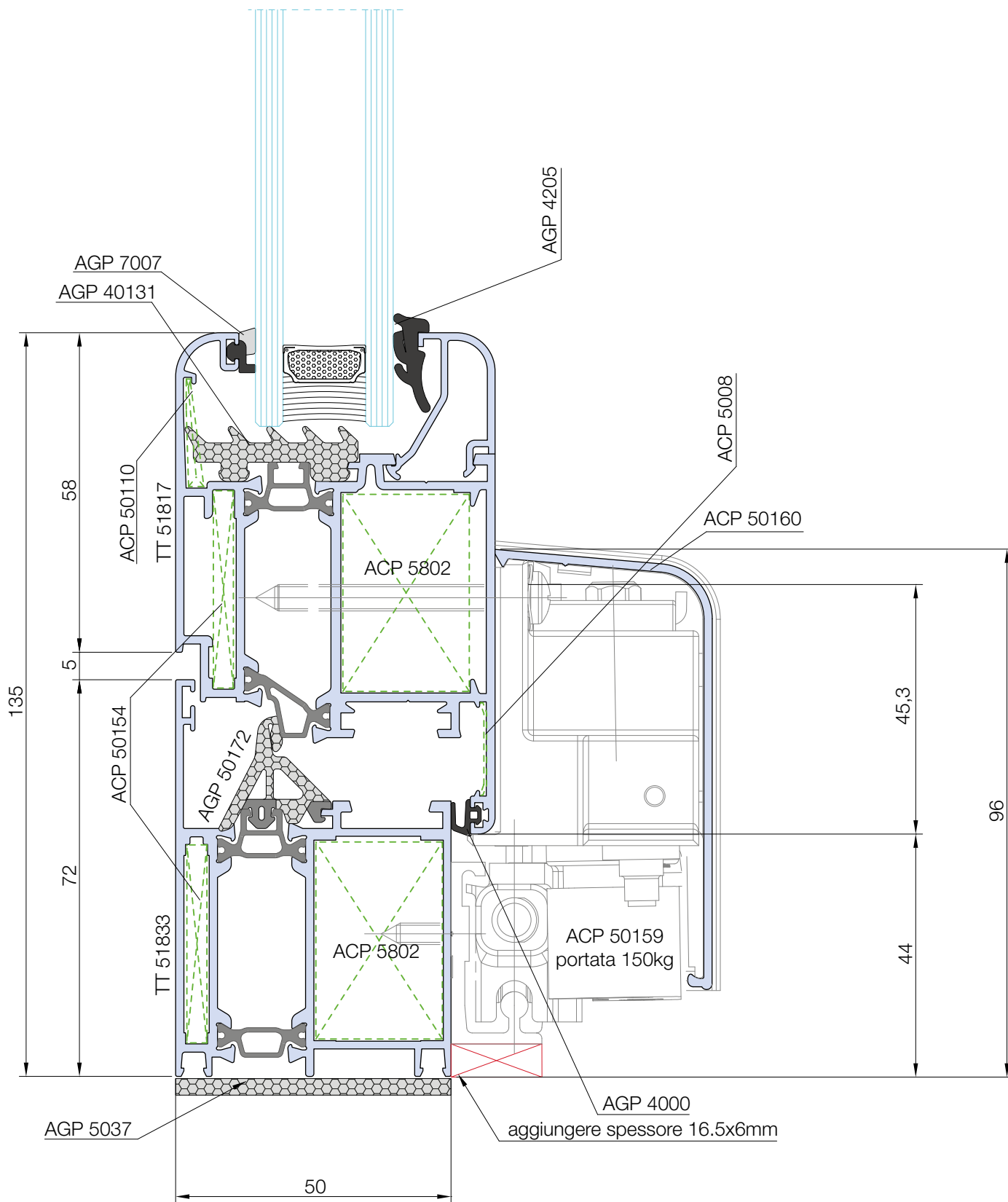
Single unit - casing



Nodo 49

Scorrevole parallelo - nodo inferiore

Parallel sliding - lower node

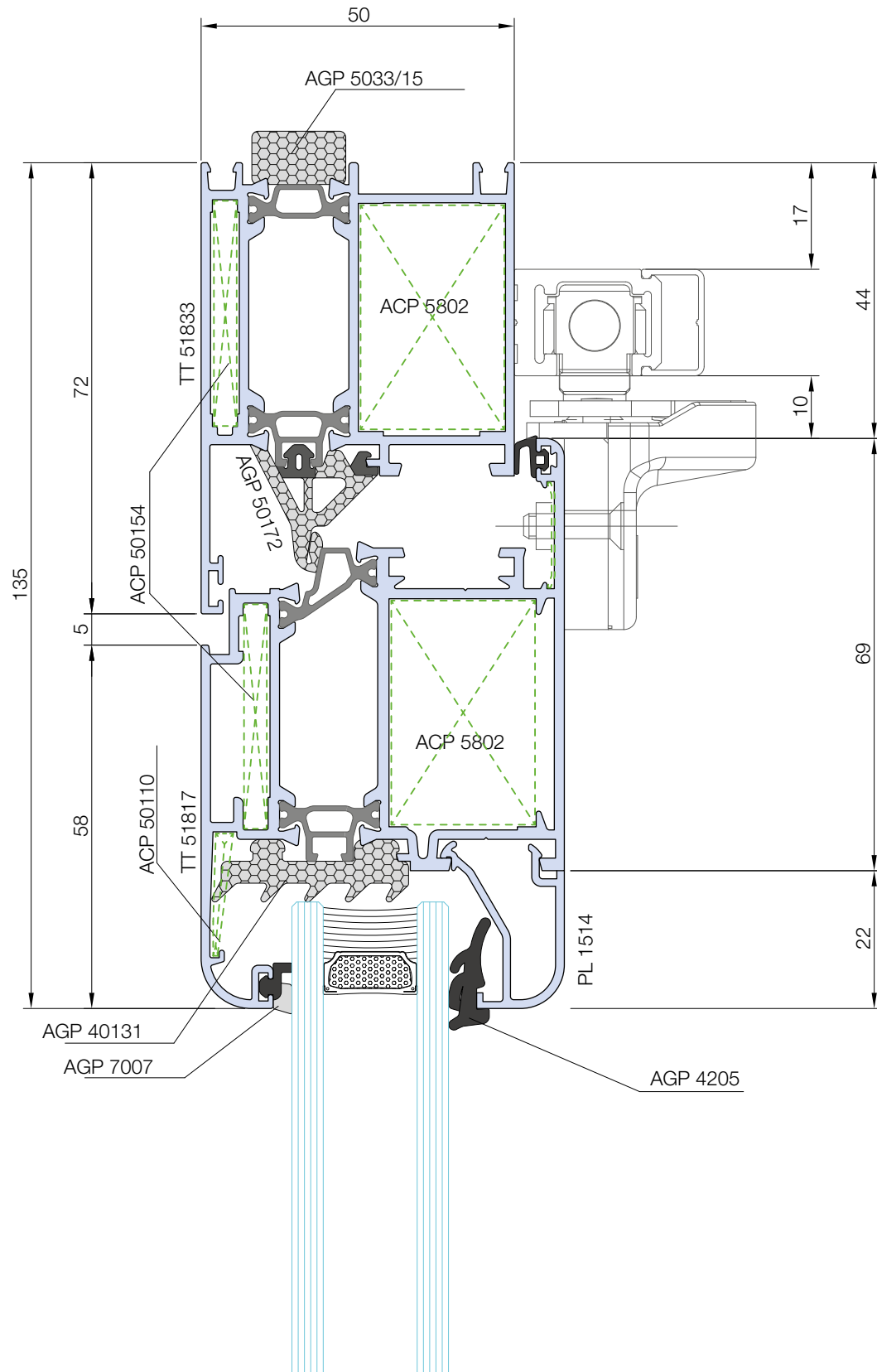


NODI E SEZIONI
Sections

Nodo 50

Scorrevole parallelo - nodo superiore

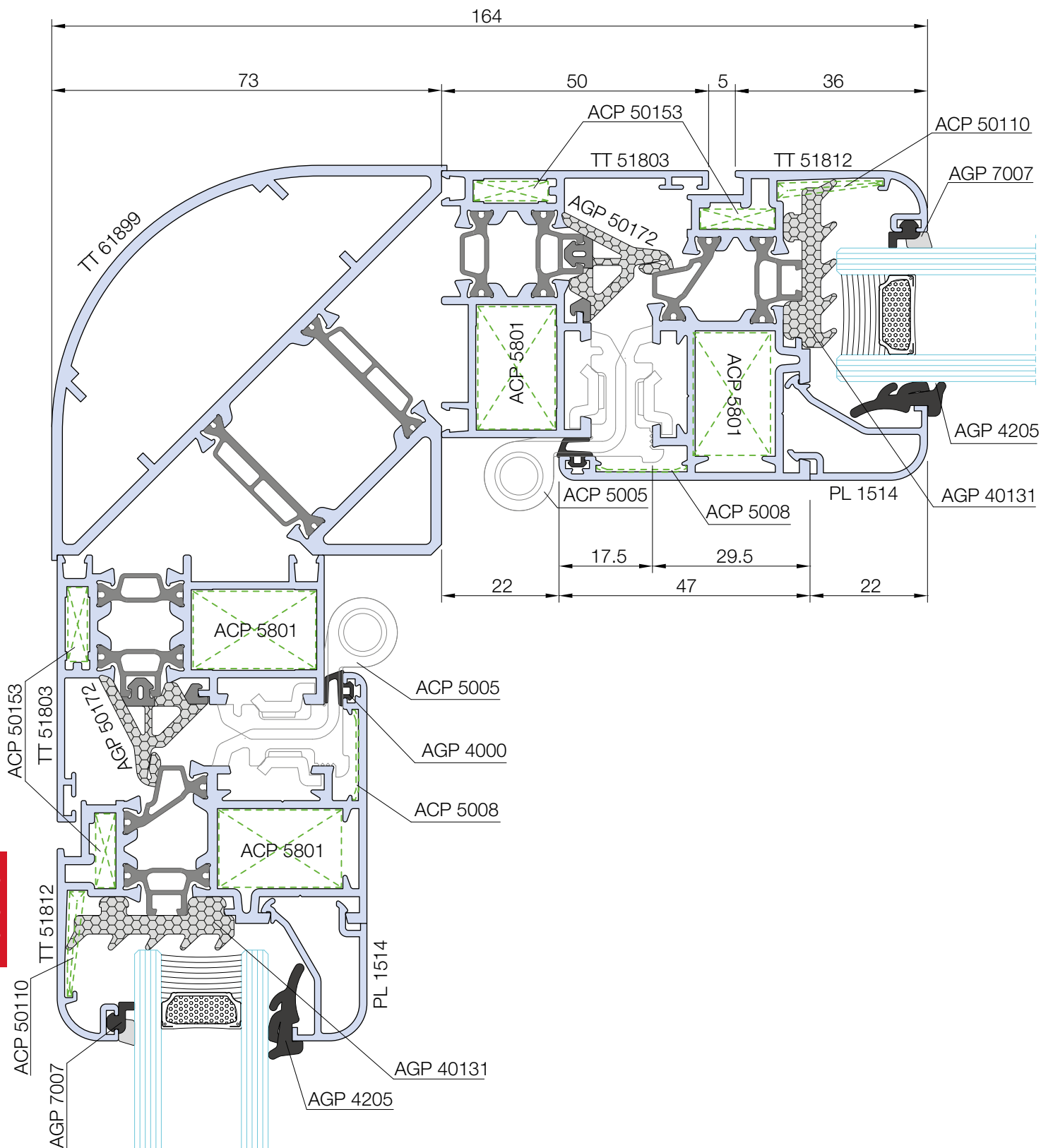
Parallel sliding - upper node



Nodo 51


Finestrature a nastro - nodo d'angolo

Ribbon window - corner node



NODI E SEZIONI
Sections


ELENCO ATTREZZATURE



MCT PL 03 PT

Gruppo frese per serie Planet 50 Plus


Cutting machine for the Planet 50 Plus serie



MCT PL 06 PT

Gruppo frese per serie Planet 50 Plus, solo vetro infilare

Cutting machine for the Planet 50 Plus serie, except glass insert



MCT PL 14460

Punzonatrice completa per eseguire tutte le lavorazioni specifiche delle serie:
Planet 45, 50 Plus, 62 Plus, 72 Plus, Nathura70, 82, 92 Matic 50 Plus, 62 Plus, 72 Plus, Elite door 72, telai Slide 80/160, Slidewood 160

*Full punching for machining for:
Planet 45, 50TT, 62TT, 72HT Nathura70, 82, 92, Matic 50 Plus, 62 Plus, 72 Plus, Elite Door 72 and Slide 80/106, Slidewood 160*



MCT PL 319 06 35

Punzonatrice portatile per fare il foro 3 mm nelle ante per poter spinare le squadrette ACP 50153 e ACP 50154

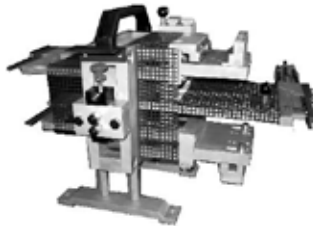
Portable punching machine for making the 3mm hole in the leaf for broaching the brackets ACP 50153 and ACP 50154



MCT PL 350 431/45

Fresa per intestatura fer-mavetri arrotondati qualora si volessero tagliare a 45° senza utilizzare gli angoletti. Il kit è utilizzabile sulle intestatrici EM140G


Cutter stack for rounded glazing beads when a 45° cut is desired without using the angles the kit can be used on EM140G milling machines



MCT PL JOLLY

Punzonatrice parziale per eseguire tutte le lavorazioni specifiche della serie Planet: 45, 50TT, 62TT, Matic, Elite Door e parziali Nathura, Slide, squadrette e aerazione vetro su anta

This punching machine performs all the specific machining for the Planet range: 45, 50TT, 62TT, Matic, Elite Door and partials Nathura and Slide



MCT PL 402 01 96

Polmoncino per lavorazione squadretta a spinare Planet

Pneumatic machine for machining brackets to be pinned of the Planet range

**MCT PL 402 01 98**

Polmoncino per lavorazione squadretta con pulsante da 10,5 mm

Pneumatic machine for machining brackets with pushbutton 10.5mm

**MCT PL 402 02 28/A**

Kit completo per spinocianfrinare profili Planet 50 Plus, 62 Plus e 72 Plus.
I kit sono utilizzabili sulle spinocinfrinatrici MAC 210SC

*Complete kit for broaching/crimping profiles Planet 50 Plus and 62 Plus e 72 Plus.
kit can be used on broaching-crimping machines MAC210SC*

**MCT PL PL01**

Punzonatrice per fare il foro 3 mm nell'anta per poter spinare ACP 50153 e ACP 50154

Punching machine for making the 3 mm hole in the leaf for broaching ACP 50153 and ACP 50154

**EM 140G**

Intestatrici per fermavetri arrotondati con morsa e gruppo frese

Glazing bead fixing machine

**MAC 210 SC**

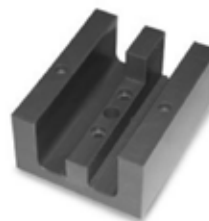
Spino cianfrinatrice pneumatica universale

Pneumatic crimping machine

**MCT PL CIANFRINA**

Coppia di coltelli per cianfrinare la serie Planet

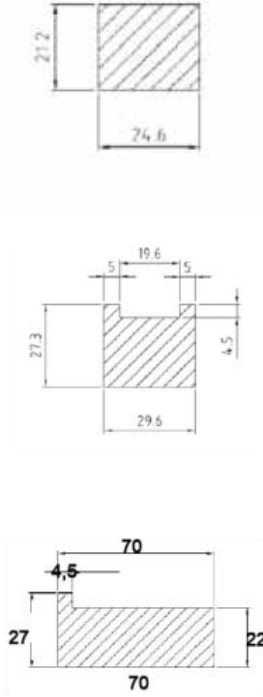
Pair of blades for crimping the Planet range

**MCT PL 400 03 63**

Controsagoma per intestatura fermavetri arrotondati qualora si volessero tagliare a 45° senza utilizzare gli angoletti. Il kit è utilizzabile sulle intestatrici EM140G

Counterprofile for rounded glazing beads when a 45° cut is desired without using the angles the kit can be used on EM140G milling machines

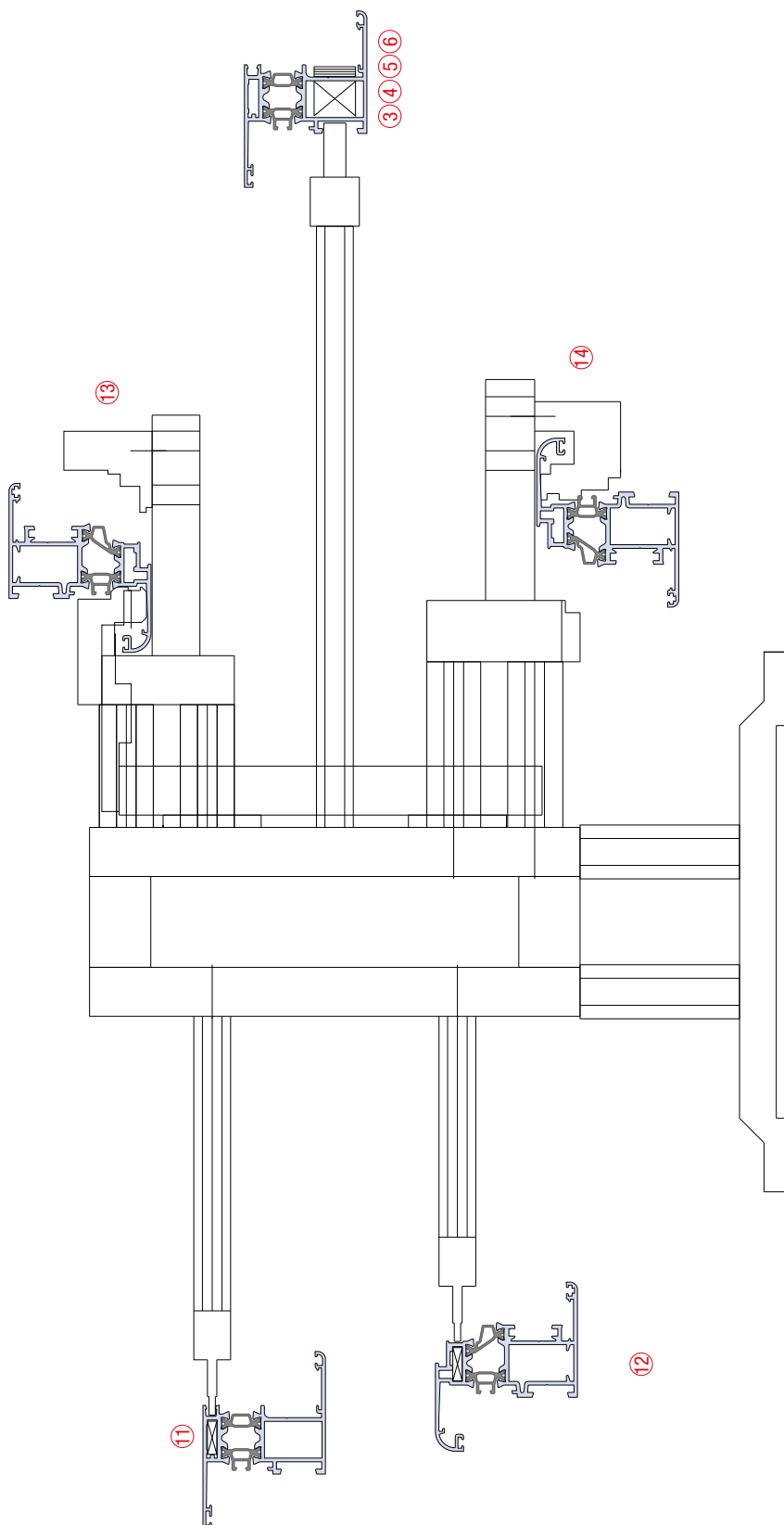
	ACP 6000
	<p>Kit controsagome per troncatrici Emmegi</p> <p><i>Shape Kit for Emmegi machine</i></p>

	ACP 6001
	<p>Kit controsagome per troncatrici (escluso Emmegi)</p> <p><i>Shape Kit for Emmegi machine</i></p>

MCT PL JOLLY

Punzonatrice Planet MCT PL JOLLY

Planet MCT PL JOLLY punching machine



Legenda:

- ③ Lav. Foro Ø10.5mm + asola 14X6mm per fissaggio squadretta / Ø10.5mm hole + 14X6mm slot machining for fixing bracket
- ④ Lav. Foro Ø10.5mm per fissaggio cavallotto / Ø10.5mm hole + machining for fixing clamp
- ⑤ Lav. Foro Ø8mm per fissaggio cavallotto / Ø8mm hole mach. for fixing clamp
- ⑥ Lav. Foro Ø8mm per fissaggio squadretta multifunzionale / Ø8mm hole mach. for fixing multi-purpose bracket
- ⑪ Foro Ø3mm per spina ACP 5030 squadretta ACP 50153, ACP 50154 / Ø3mm hole for pin ACP 5030 bracket ACP 50153, ACP 50154
- ⑫ Foro Ø4mm per vite ACP 50155 squadretta ACP 50154 / Ø4mm hole for screw ACP 50155 bracket ACP 50153, ACP 50154
- ⑬ Asola interna per areazione anta / internal slot for leaf ventilation
- ⑭ Asola esterna per areazione anta / external slot for leaf ventilation

MCT PL 14460

Punzonatrice completa MCT PL 14460

Milling machine MCT PL 14460

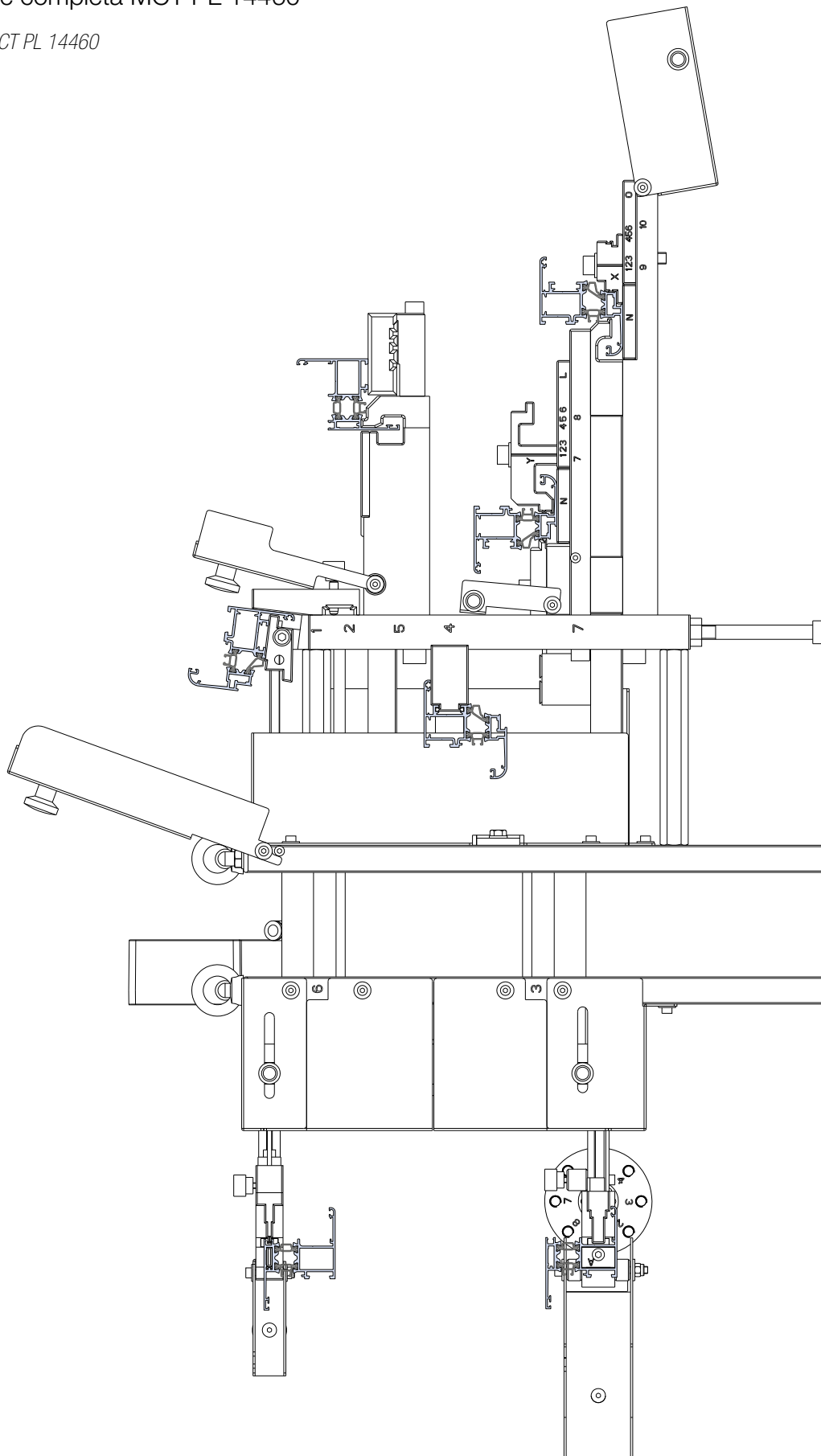


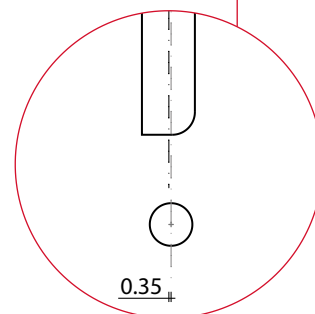
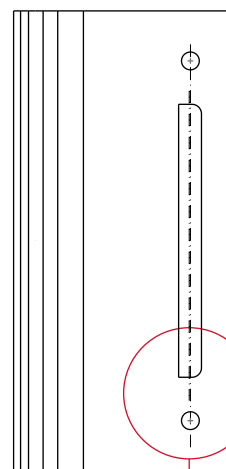
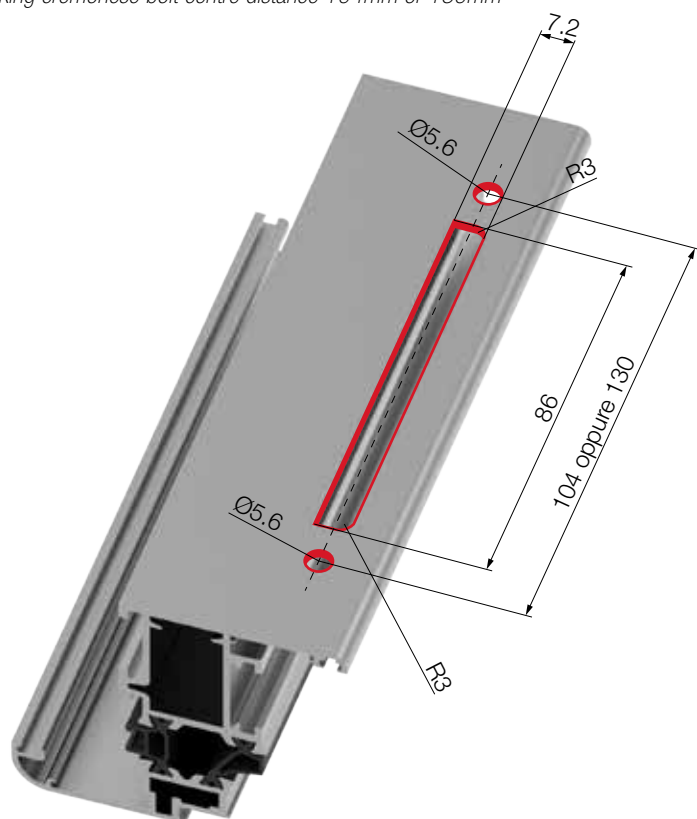
	Immagine lavorazione	Descrizione lavorazione	Lavorazione con punzonatrice MCT PL JOLLY	Lavorazione con punzonatrice MCT PL 14460
1		Asola e fori bloccaggio cremonese interasse 104 mm oppure 130 mm <i>slot and holes locking cremone bolt centre distance 104 mm or 130 mm</i>	no	si
2		Foro astina di testa 8 mm oppure passante <i>hole for head rod 8mm or passing</i>	no	si
3		Foro Ø 10.5 mm per aggancio e asola 14X6 per chiave squadretta a pulsante <i>Ø 10.5 mm hole for fastening and 14X6 slot for push-button bracket key</i>	si	si
4		Foro Ø 10.5 mm per fissaggio cavallotto <i>Ø 10.5 mm hole for fixing clamp</i>	si	si
5		Foro Ø 8 mm per fissaggio cavallotto <i>Ø 8 mm hole for fixing clamp</i>	si	si
6		Foro Ø 8 mm per spina o vite squadretta multifunzione <i>Ø 8 mm hole for pin or screw multi-purpose bracket</i>	si	si

	Immagine lavorazione	Descrizione lavorazione	Lavorazione con punzonatrice MCT PL JOLLY	Lavorazione con punzonatrice MCT PL 14460
7		Scarico acqua 31X6 <i>31X6 water drainage</i>	no	si
8		Spuntatura alette passaggio astina <i>Trimming of rod passage fins</i>	no	si
9		Foro Ø 3 mm per spina ACP 5030 squadretta ACP 50153, ACP 50154 <i>Ø 3 mm hole for pin ACP 50153, ACP 50154</i>	si	si
10		Foro Ø 4 mm per vite ACP 50155 squadretta ACP 50153, ACP 50154 <i>Ø 4 mm hole for pin ACP 50153, ACP 50154</i>	si	si
11		Asola interna per areazione anta <i>internal slot for leaf ventilation</i>	si	si
12		Asola esterna per areazione anta <i>external slot for leaf ventilation</i>	si	si



Asola e fori bloccaggio cremonese interasse 104mm oppure 130mm

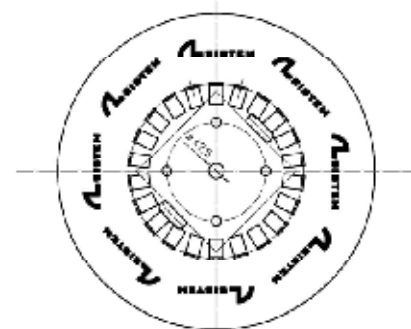
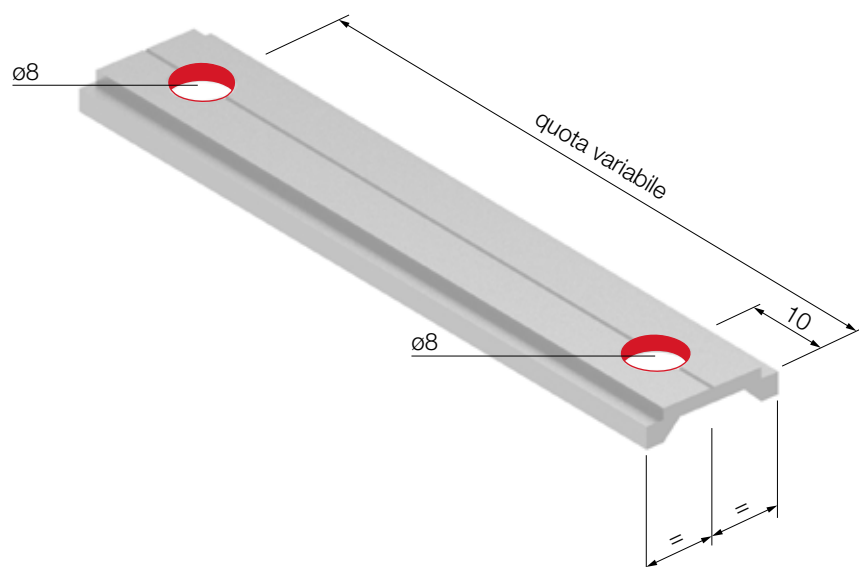
Slot and holes locking cremonese bolt centre distance 104mm or 130mm



Foro astina di testa 8mm oppure passante

Utilizza astina in alluminio AS 1000 oppure in poliammide in bobina TAC 1000

Hole or head rod 8mm or passing. Use aluminium rod AS 1000 or polyamide in TAC 1000 coil

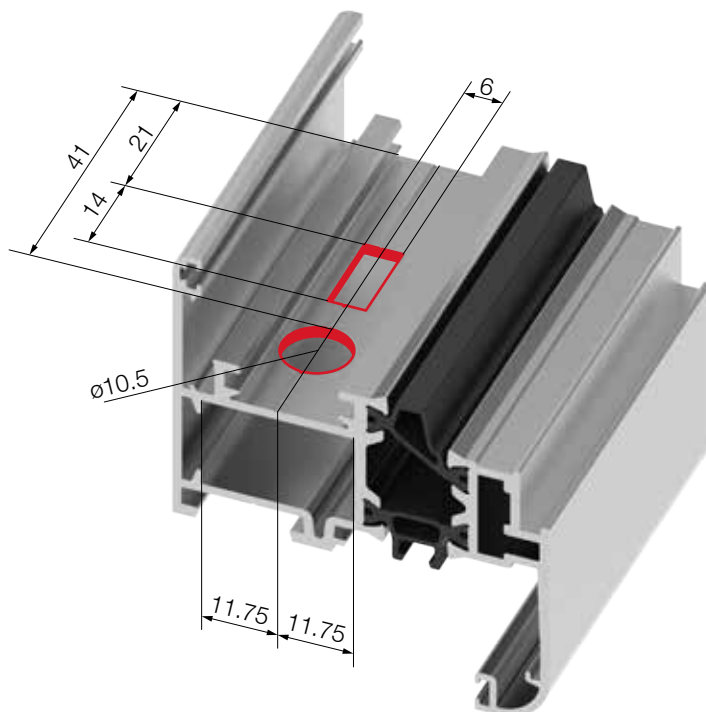


TAC 1000

3 

Foro Ø10.5mm per aggancio e asola 14x6 per chiave squadretta a pulsante

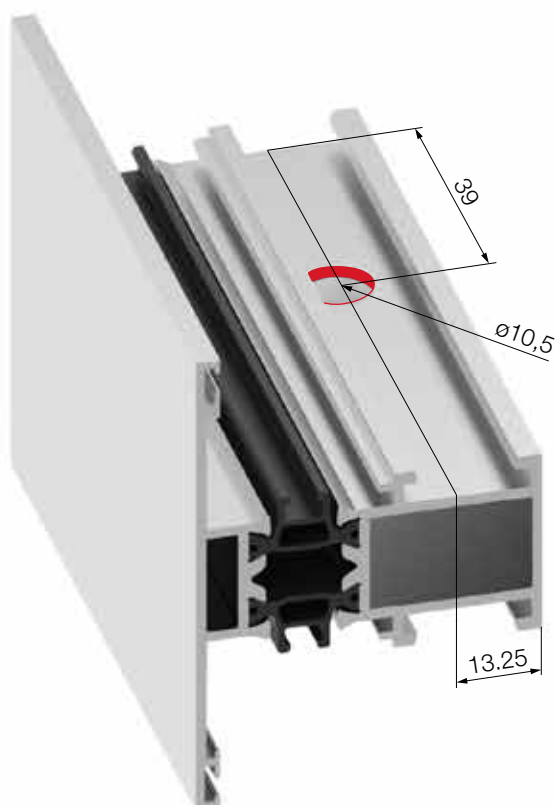
Ø10.5mm hole for fastening and 14X6 slot for push-button bracket key



4 

Foro Ø10.5mm per fissaggio cavallotto

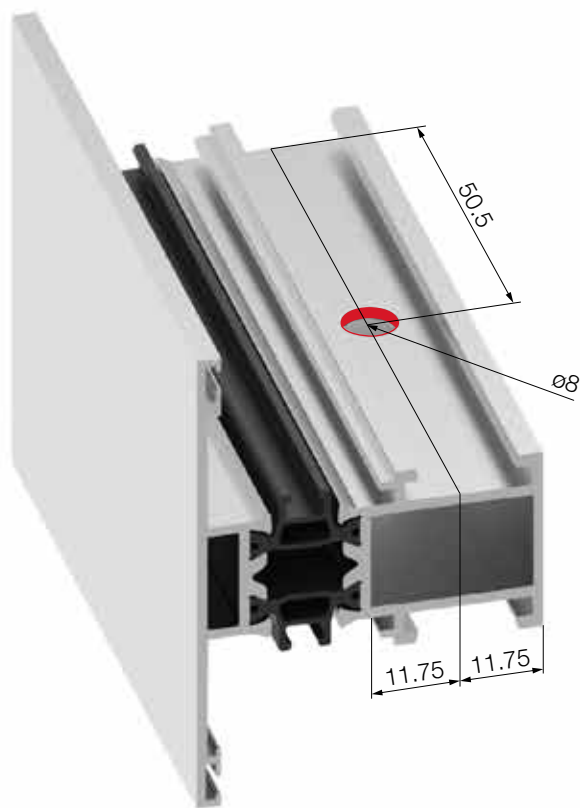
Ø10.5mm hole for fixing clamp



5 

Foro Ø8mm per fissaggio cavallotto

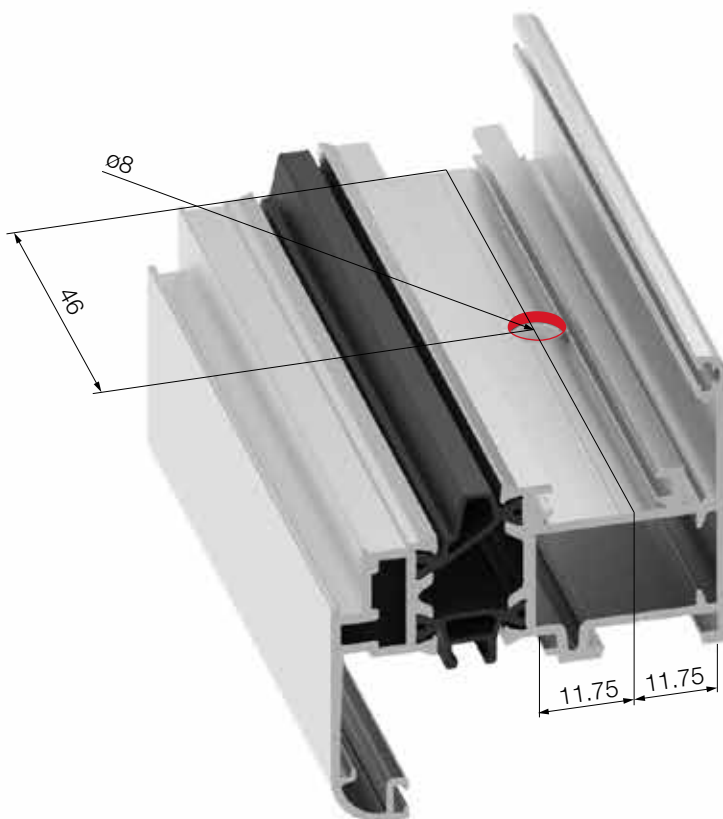
Ø8mm hole for fixing clamp



6 

Foro Ø8mm per spina o vite squadretta multifunzione

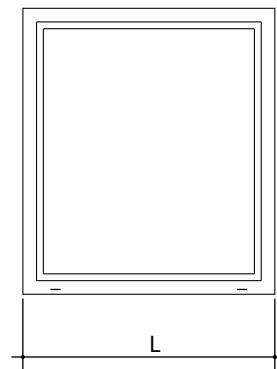
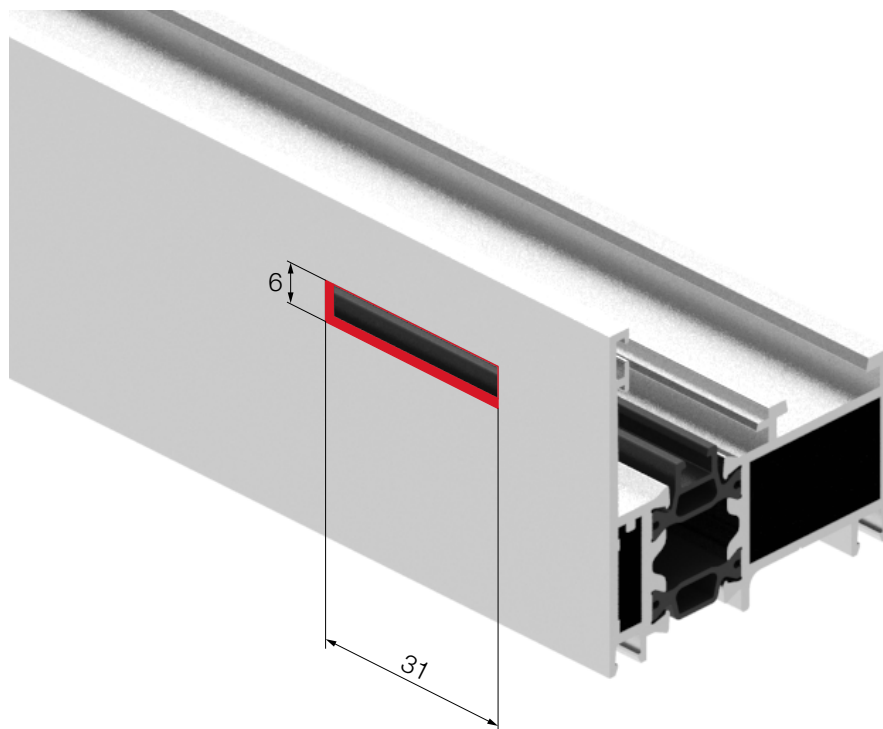
Ø8mm hole for pin or screw multi-purpose bracket





Scarico acqua 31X6

31X6 water drainage

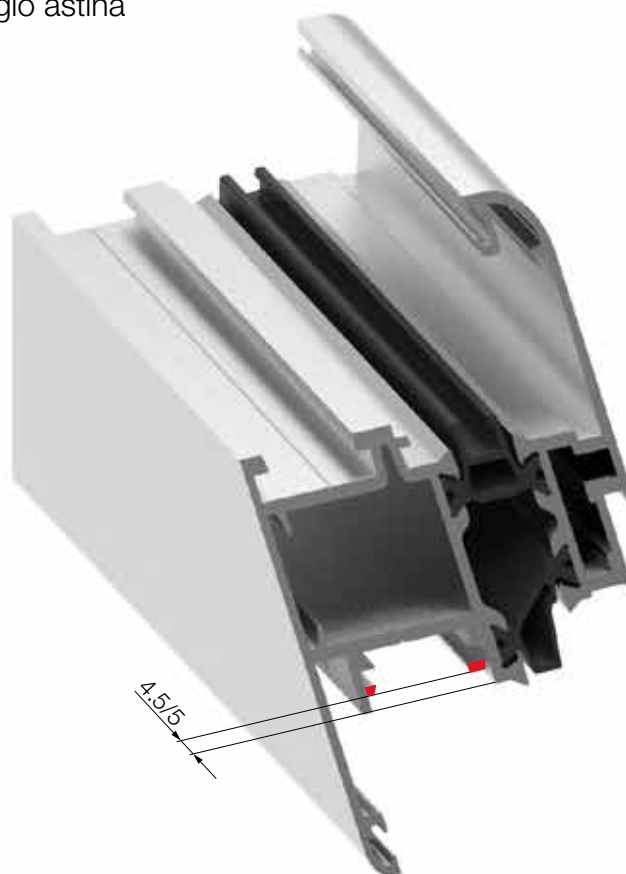


DIMENSIONI L	Q.TA' DRENAGGI
fino a 1000	3
da 1000 a 1500	4
oltre 1500	min. 6 / 1 ogni 400mm



Spuntatura alette passaggio astina

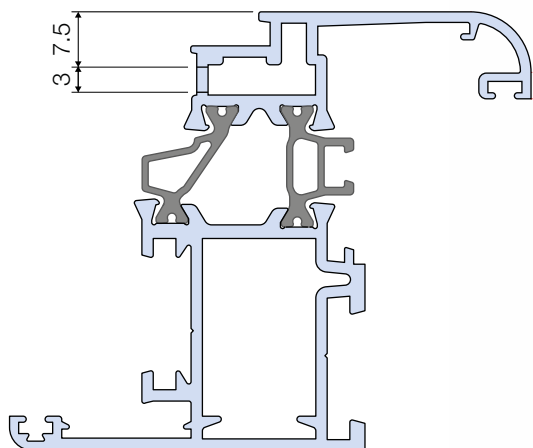
Trimming of rod passage fins



9 

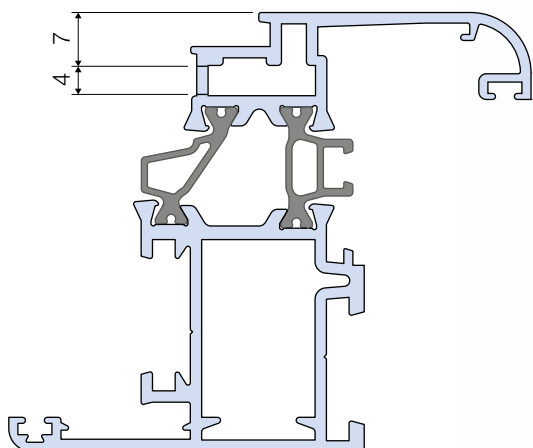
Foro Ø3mm per spina ACP 5030 squadretta ACP 50153, ACP 50154

Ø3mm hole for pin ACP 50153, ACP 50154

10 

Foro Ø4mm per vite ACP 50155 squadretta ACP 50153, ACP 50154

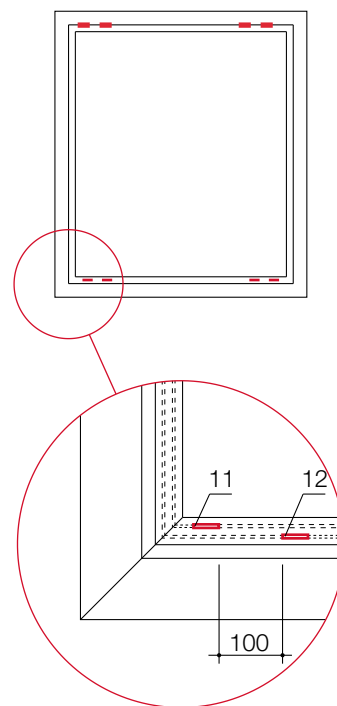
Ø4mm hole for pin ACP 50153, ACP 50154



11 

Asola interna per areazione anta

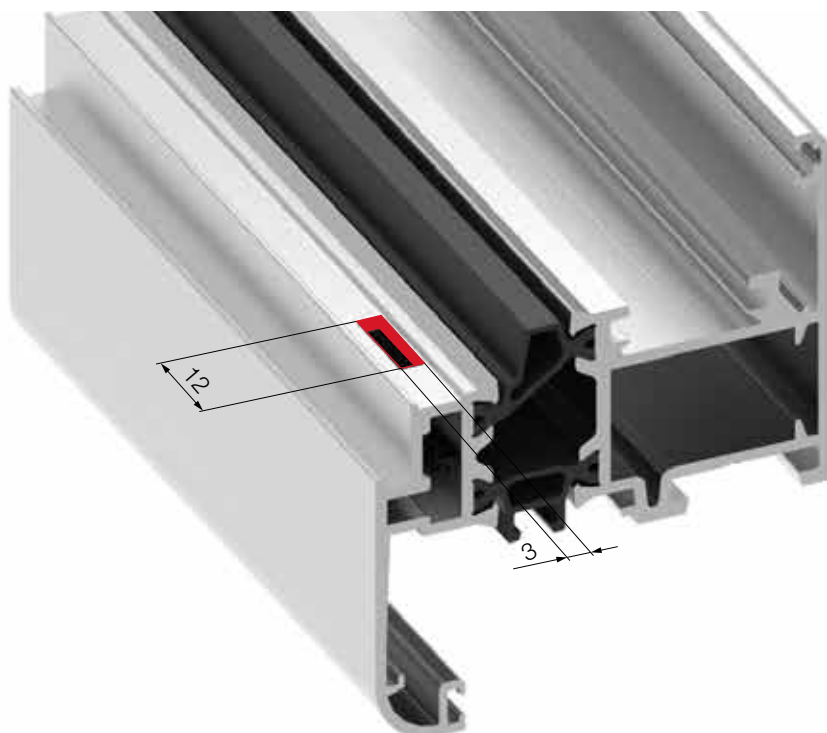
Internal slot for leaf ventilation



12 

Asola esterna per areazione anta

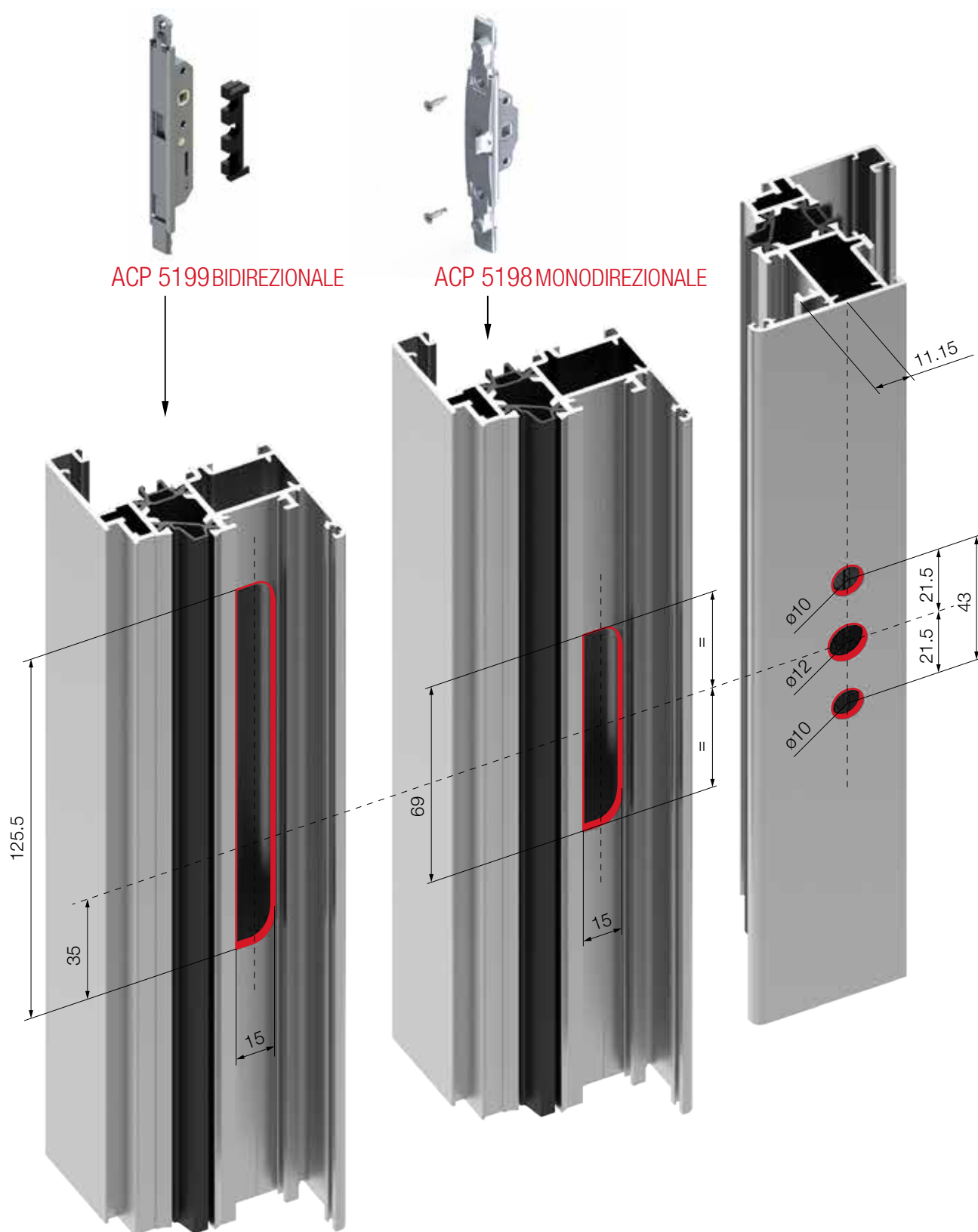
External slot for leaf ventilation



13

Lavorazione montaggio meccanismo martellina ACP 5198 e ACP 5199

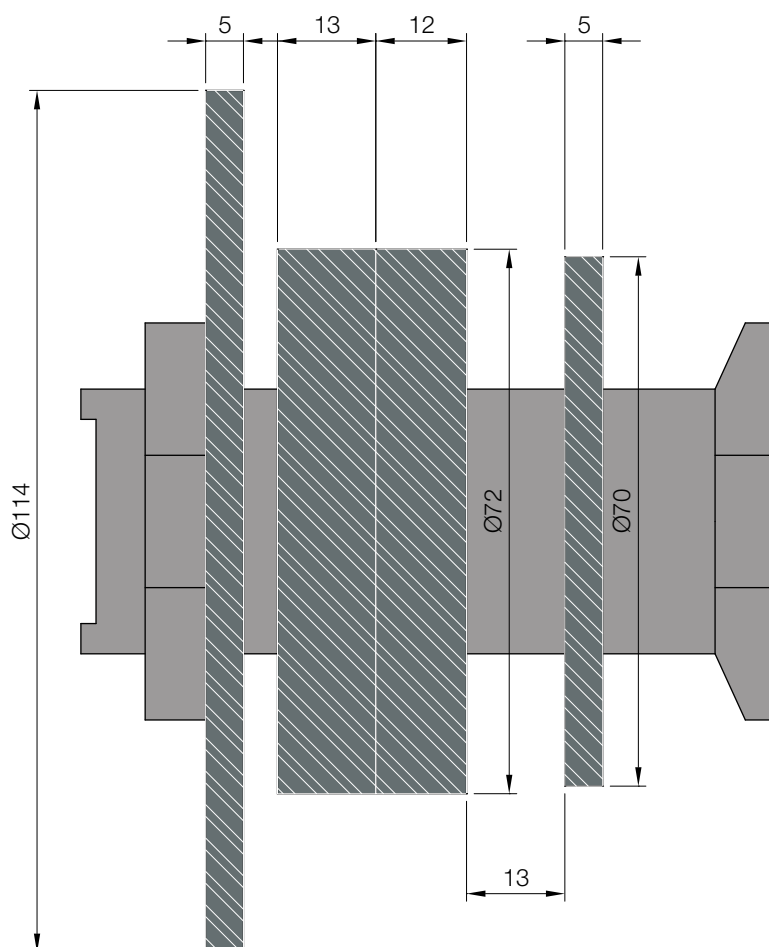
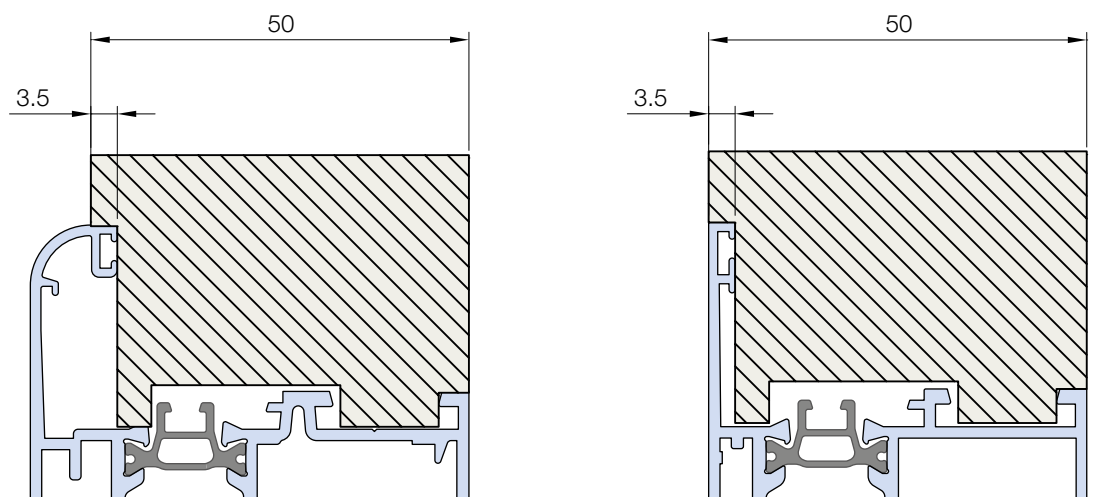
Machining of Martellina mechanism assembly ACP 5198 and ACP 5199



14 

Gruppo frese MCT PL 03 PT. Questo gruppo frese lavora profili della serie Planet 50 Plus, ad esclusione di quelli per le ante lisce da 58mm, 70mm ed il vetro ad infilare

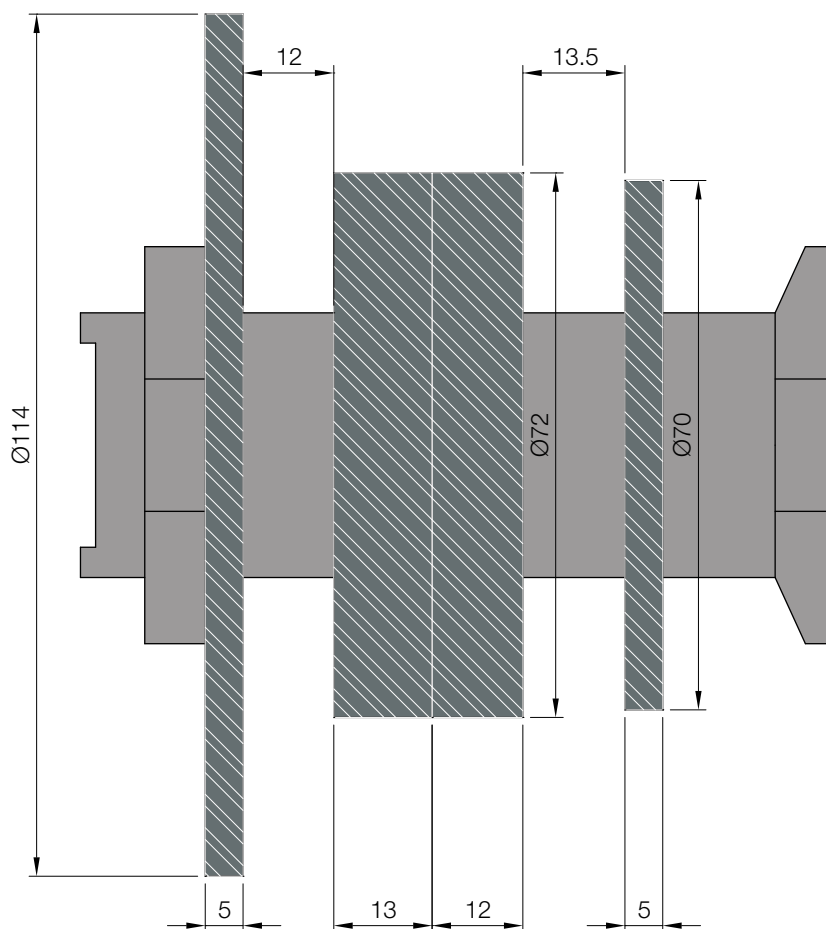
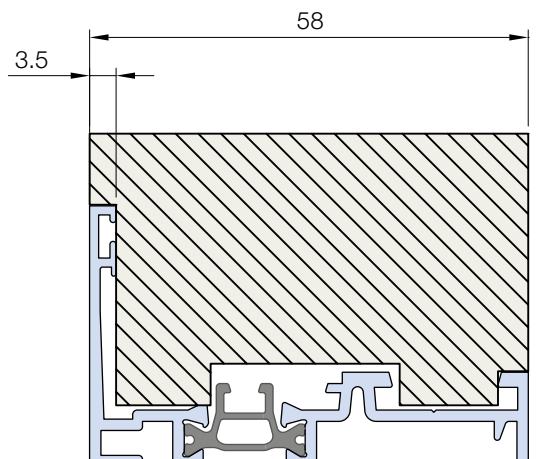
This cutting machines work profiles of Planet 50 Plus series, except 58mm, 70mm flat leaves and glass insert



15 

Gruppo frese MCT PL 03 PT. Questo gruppo frese ha il distanziale da 8mm montato e lavora esclusivamente i profili per le ante lisce della serie Planet 50 Plus da 58mm

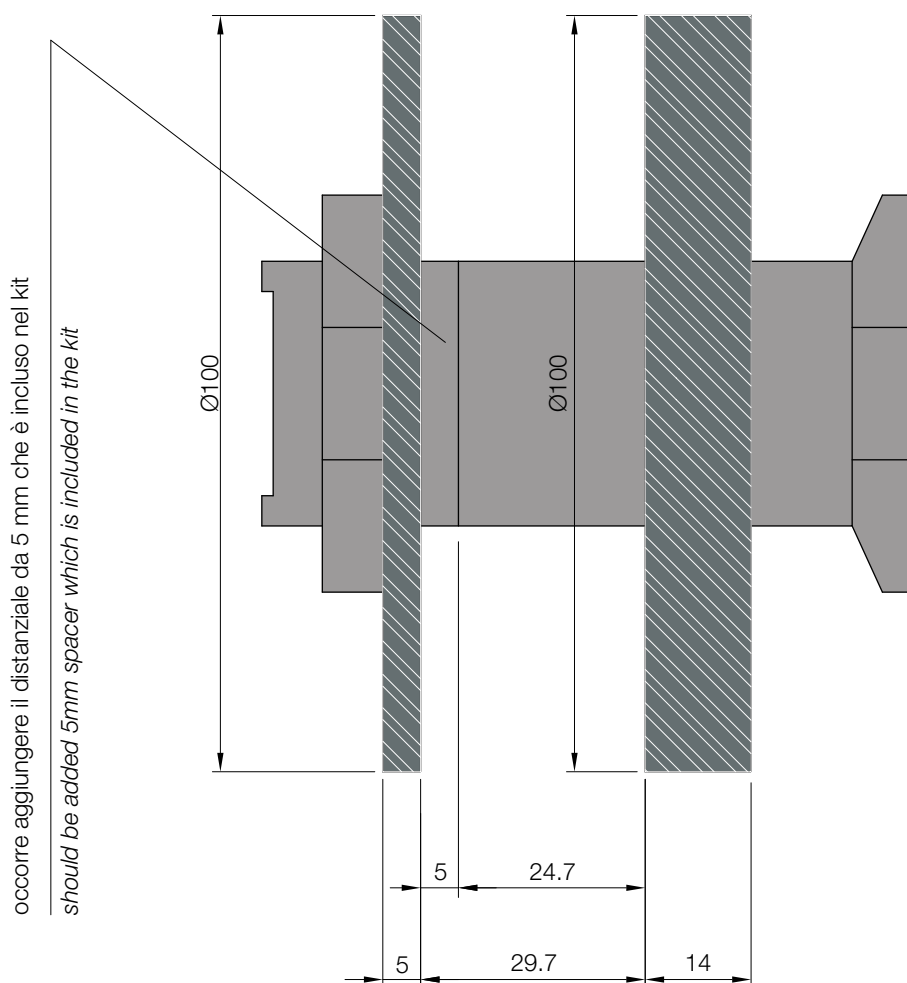
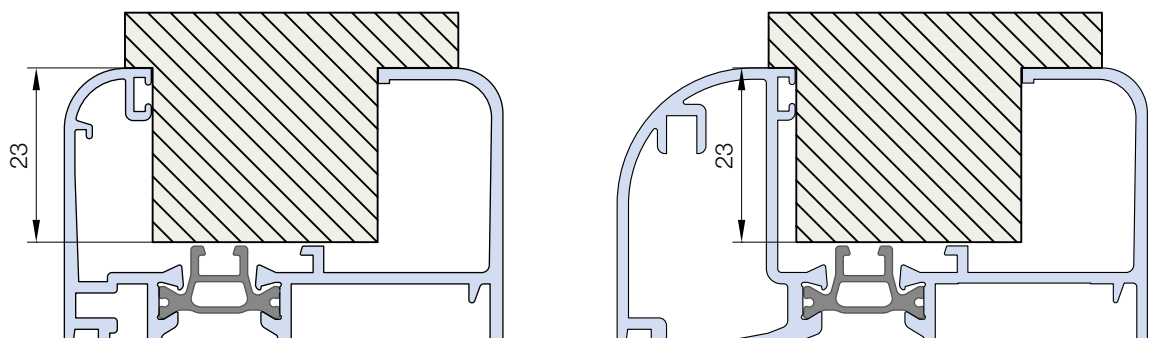
This cutting machines have 8mm spacer and work 58mm flat leaves of Planet 50 Plus series



16 

Gruppo frese MCT PL 06 PT. Questo gruppo frese lavora i profili per le ante vetro ad infilare della serie Planet 50 Plus con spazio vetro da 30mm

This cutting machines work glass insert leaves of Planet 50 Plus series with 30mm glass space



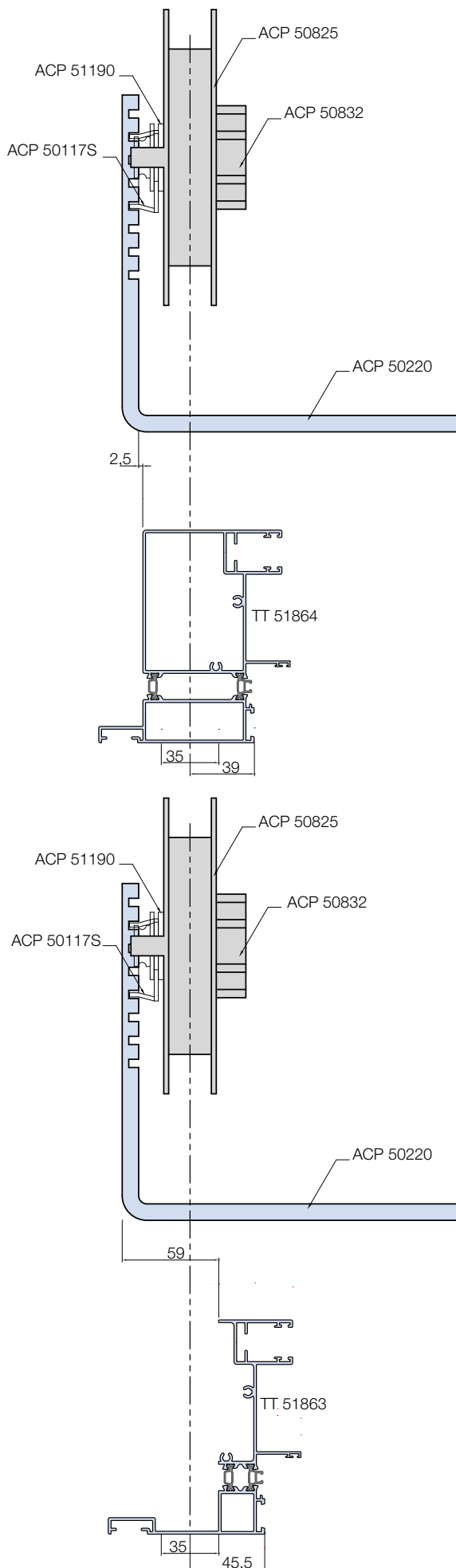
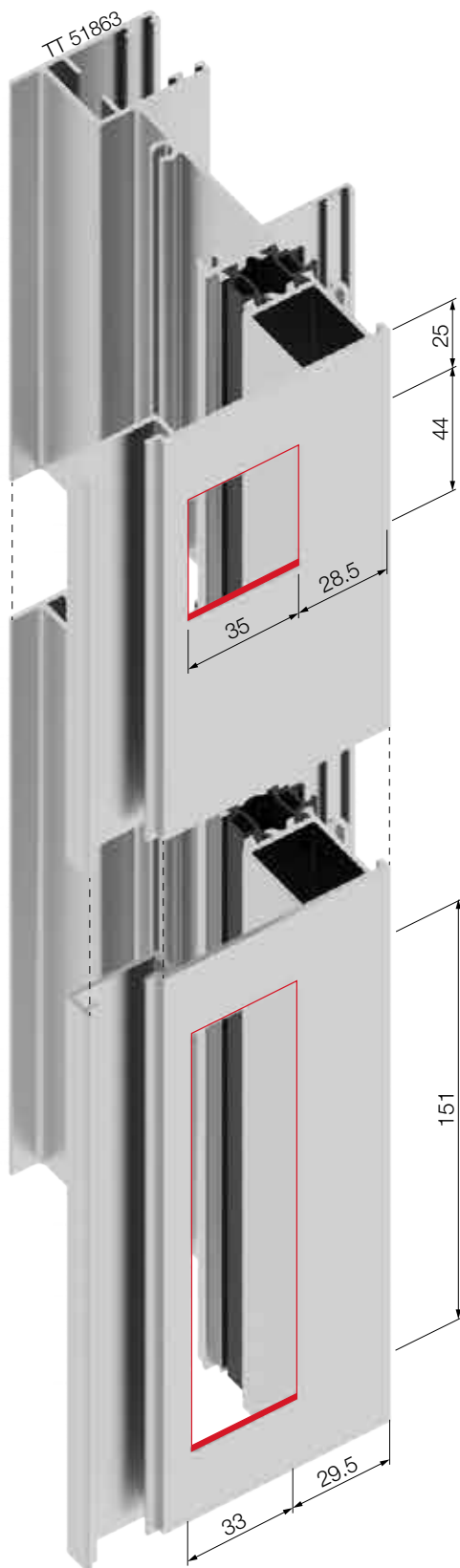
17

Lavorazione spalla monoblocco

Machining of single-unit shoulder

montaggio passacinghia ▶
assembly of belt guide
ACP 51001

montaggio avvolgitore ▶
assembly of winder
ACP 50010
ACP 50705

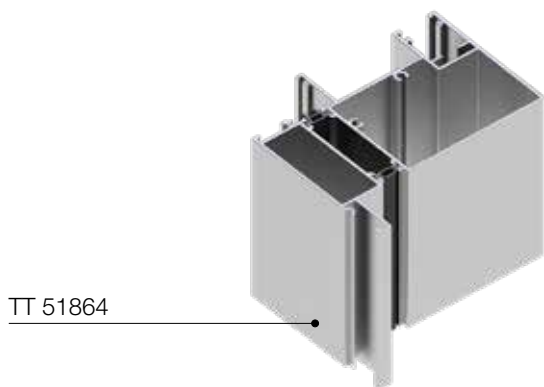


18

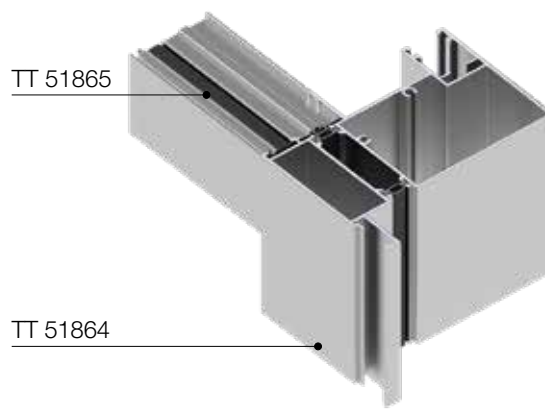
Istruzioni per taglio profili e fasi di assemblaggio cassonetto

Instructions for cutting profiles and box assembly steps

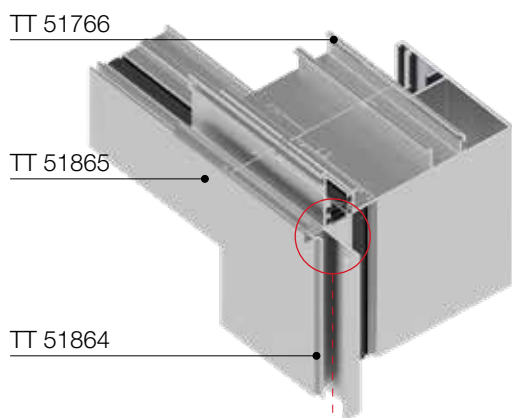
FASE 1:



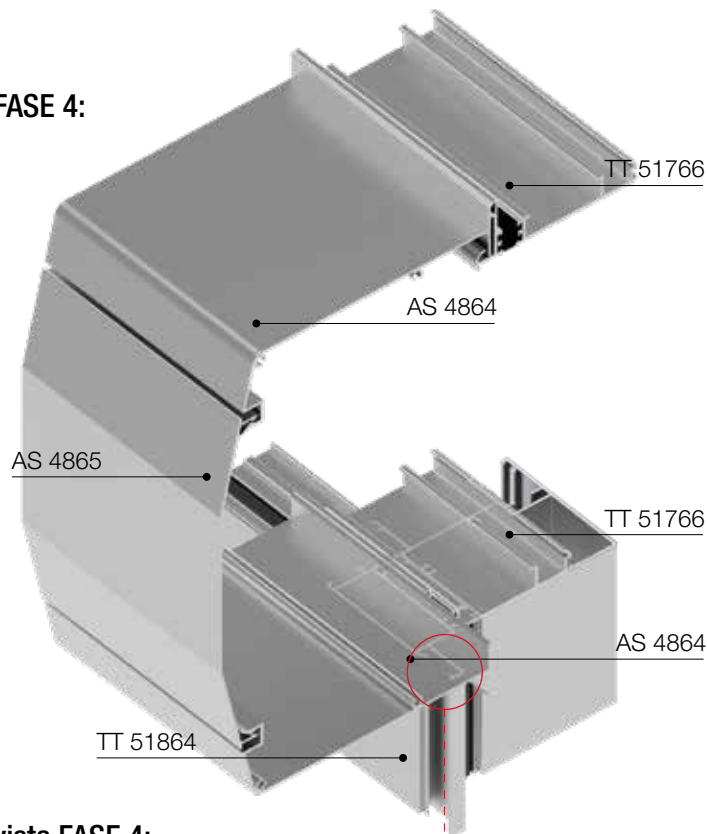
FASE 2:



FASE 3:



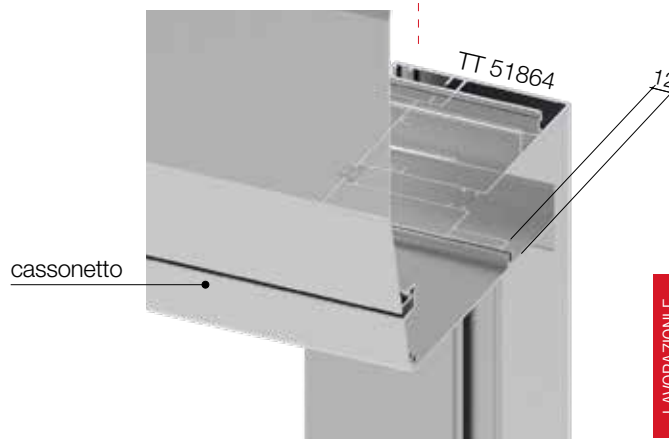
FASE 4:



vista FASE 3:



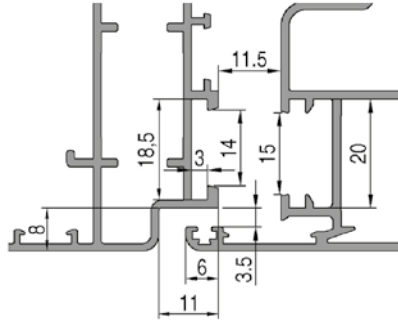
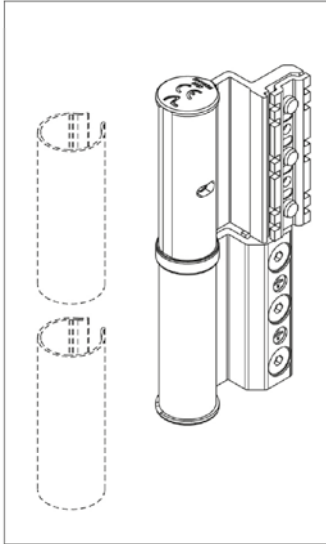
vista FASE 4:



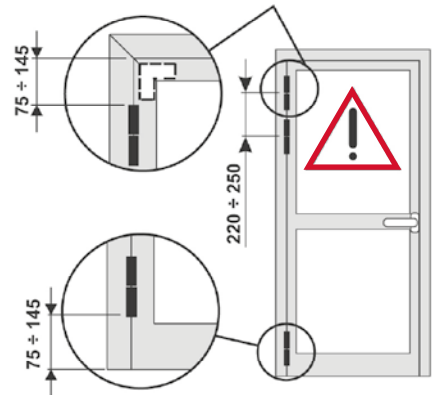
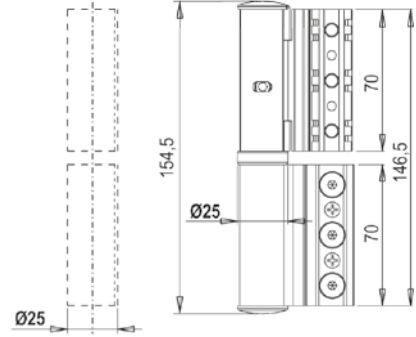
19

Applicazione cerniere strong ACP 9938 per telai complanari interni

Application strong hinge ACP 9938 for internal coplanar frames



PROFILI PL 20102 + PL 2337



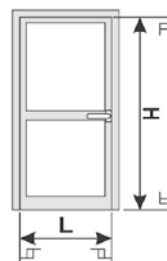
CE	Alsistem s.c.r.l. Via G. Reiss Romoli, 267 10148 Torino Italy	11
	0757 BPR-229-11-009	
EN1935:2002	3 7 4 0 1 4 1 11	

GRAFICO PER IL CALCOLO DEL PESO MASSIMO EFFETTIVO DELL'ANTA
CHART FOR CALCULATING THE ACTUAL MAX. SASH WEIGHT

3000	1	1	1	1	1	1	1	1	1	0,93	0,84	0,76
2900	1	1	1	1	1	1	1	1	1	0,88	0,80	0,74
2800	1	1	1	1	1	1	1	1	0,93	0,83	0,76	0,71
2700	1	1	1	1	1	1	1	1	0,88	0,79	0,72	0,68
2600	1	1	1	1	1	1	1	0,93	0,83	0,75	0,69	0,65
2500	1	1	1	1	1	1	1	0,87	0,78	0,71	0,67	0,63
2400	1	1	1	1	1	1	0,93	0,81	0,74	0,68	0,64	0,61
2300	1	1	1	1	1	0,85	0,76	0,70	0,65	0,61	0,59	
2200	1	1	1	1	0,91	0,80	0,72	0,67	0,63	0,59	0,57	
2100	1	1	1	1	0,85	0,75	0,68	0,64	0,60	0,57	0,55	
2000	1	1	1	0,91	0,79	0,71	0,65	0,61	0,58	0,55	0,53	
1900	1	1	1	0,83	0,73	0,67	0,62	0,58	0,56	0,53	0,52	
1800	1	1	1	0,90	0,77	0,69	0,63	0,59	0,56	0,54	0,52	X
1700	1	1	1	0,82	0,71	0,65	0,60	0,57	0,54	0,52	X	X
1600	1	1	0,89	0,75	0,67	0,61	0,57	0,54	0,52	X	X	X
1500	1	1	0,80	0,69	0,63	0,58	0,55	0,52	X	X	X	X
1400	1	0,88	0,73	0,64	0,59	0,55	0,52	X	X	X	X	X
1300	1	0,78	0,67	0,60	0,56	0,52	X	X	X	X	X	X
1200	1	0,78	0,67	0,60	0,56	0,52	X	X	X	X	X	X

PORTATE MASSIME - MAXIMUM LOADS		
100 kg	120 kg	100 kg
	CON FRENO IN APERTURA WITH OPENING BRAKE	
70 kg		

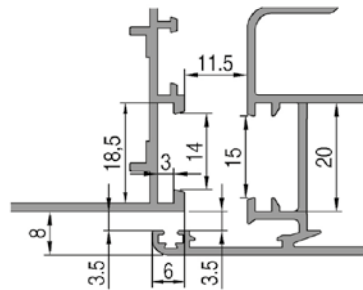
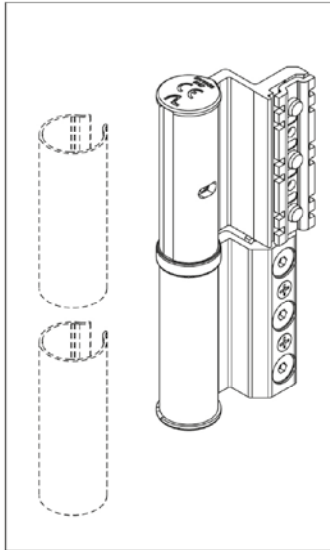
X Dimensioni non realizzabili
Not possible dimensions



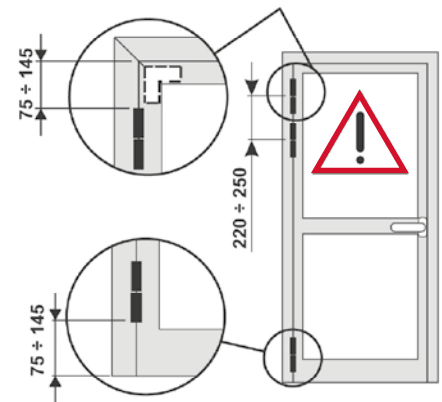
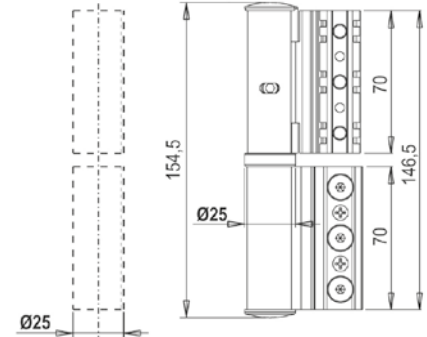
20

Applicazione cerniere strong ACP 9918 per telai piani

Application strong hinge ACP 9918 for floor frames



PROFILI PL 2033 + PL 2337



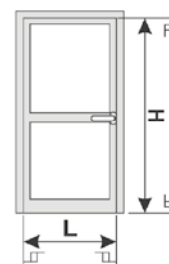
CE	Alsistem s.c.r.l. Via G. Reiss Romoli, 267 10148 Torino Italy	11
	0757 BPR-229-11-009	
EN1935:2002		4 7 6 0 1 4 1 13

GRAFICO PER IL CALCOLO DEL PESO MASSIMO EFFETTIVO DELL'ANTA
CHART FOR CALCULATING THE ACTUAL MAX. SASH WEIGHT

3000	1	1	1	1	1	1	1	1	1	0,93	0,84	0,76
2900	1	1	1	1	1	1	1	1	1	0,88	0,80	0,74
2800	1	1	1	1	1	1	1	1	0,93	0,83	0,76	0,71
2700	1	1	1	1	1	1	1	1	0,88	0,79	0,72	0,68
2600	1	1	1	1	1	1	1	0,93	0,83	0,75	0,69	0,65
2500	1	1	1	1	1	1	1	0,87	0,78	0,71	0,67	0,63
2400	1	1	1	1	1	1	0,93	0,81	0,74	0,68	0,64	0,61
2300	1	1	1	1	1	1	0,85	0,76	0,70	0,65	0,61	0,59
2200	1	1	1	1	1	0,91	0,80	0,72	0,67	0,63	0,59	0,57
2100	1	1	1	1	1	0,85	0,75	0,68	0,64	0,60	0,57	0,55
2000	1	1	1	1	0,91	0,79	0,71	0,65	0,61	0,58	0,55	0,53
1900	1	1	1	1	0,83	0,73	0,67	0,62	0,58	0,56	0,53	0,52
1800	1	1	1	0,90	0,77	0,69	0,63	0,59	0,56	0,54	0,52	X
1700	1	1	1	0,82	0,71	0,65	0,60	0,57	0,54	0,52	X	X
1600	1	1	0,89	0,75	0,67	0,61	0,57	0,54	0,52	X	X	X
1500	1	1	0,80	0,69	0,63	0,58	0,55	0,52	X	X	X	X
1400	1	0,88	0,73	0,64	0,59	0,55	0,52	X	X	X	X	X
1300	1	0,78	0,67	0,60	0,56	0,52	X	X	X	X	X	X
1200	1	0,78	0,67	0,60	0,56	0,52	X	X	X	X	X	X

PORTATE MASSIME - MAXIMUM LOADS		
120 kg	150 kg	120 kg
	CON FRENO IN APERTURA WITH OPENING BRAKE	
80 kg		

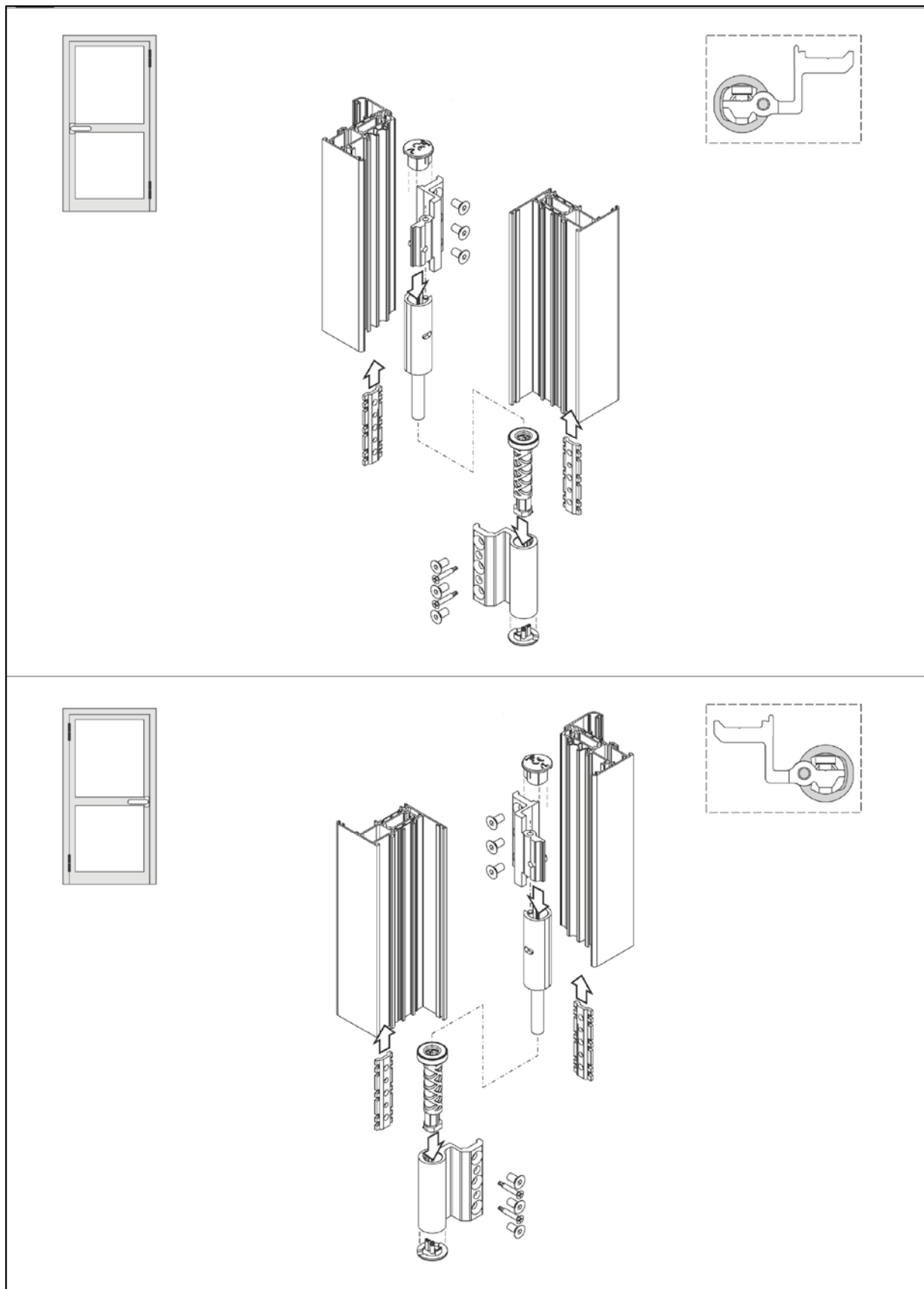
X Dimensioni non realizzabili
Not possible dimensions



21

Montaggio cerniere strong

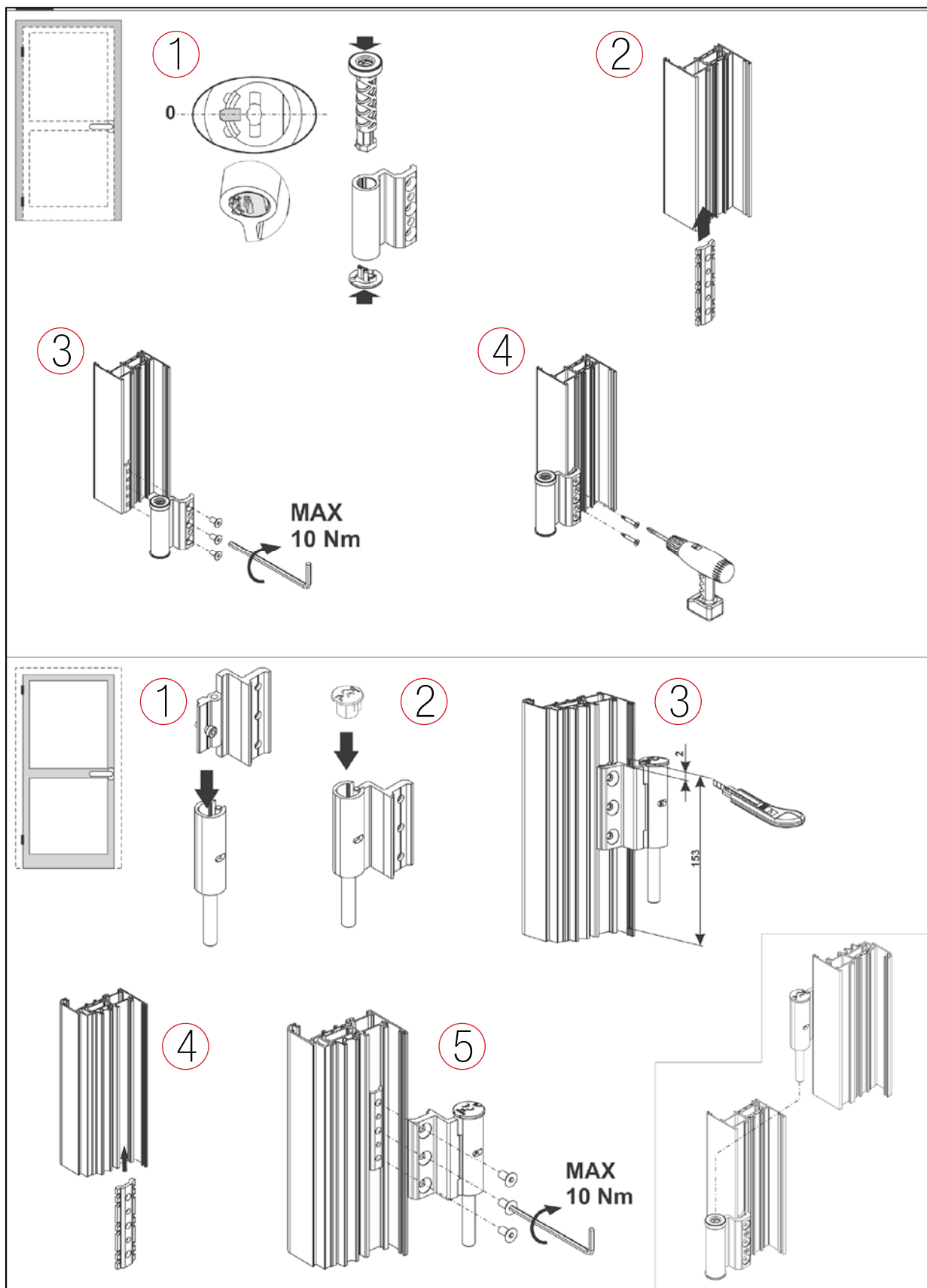
Assembly strong hinges



22

Montaggio cerniere strong

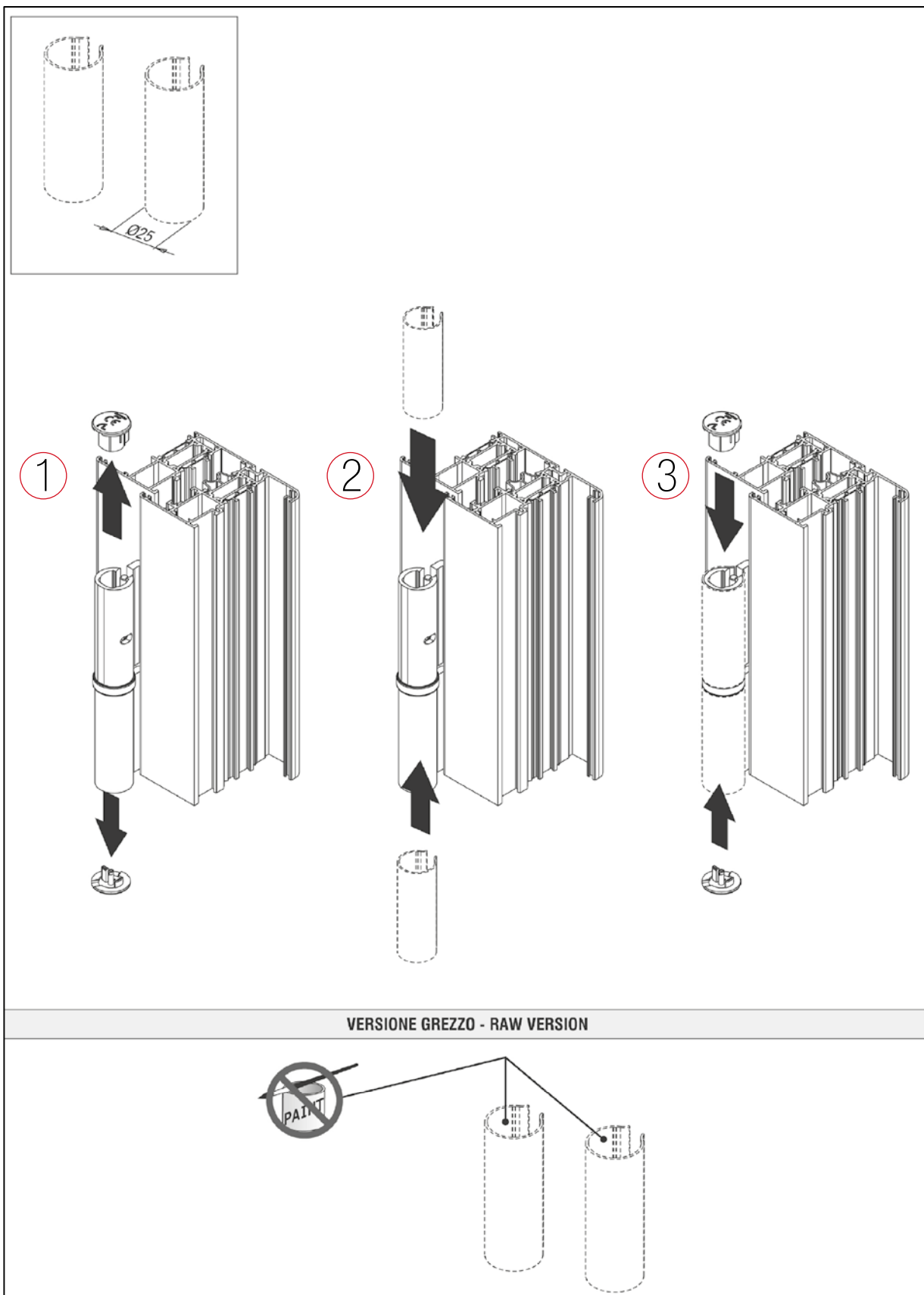
Assembly strong hinges



23

Applicazione cover universale ACP 99124 per cerniere strong

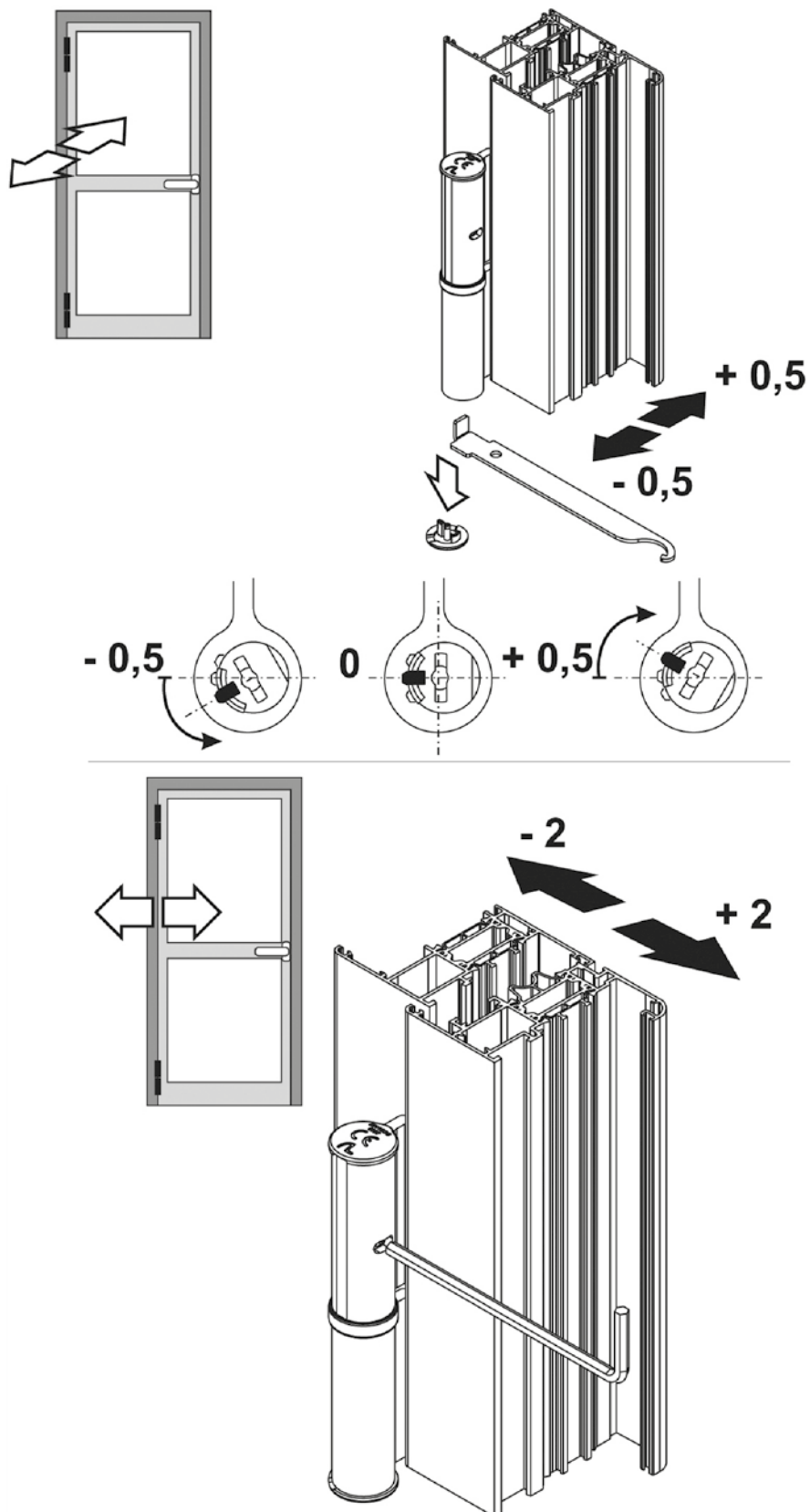
Universal cover application ACP 99124 for strong hinges



25

Utilizzo chiave di regolazione ACP 99126 per cerniere strong

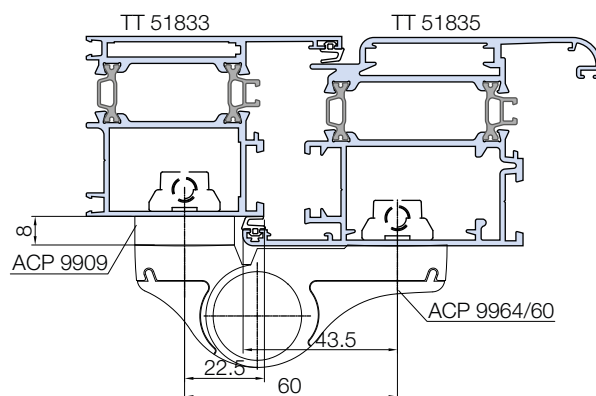
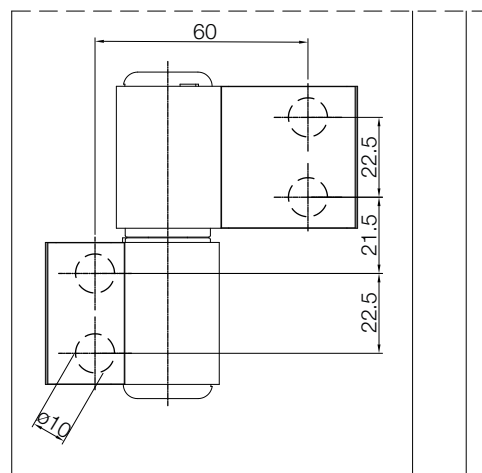
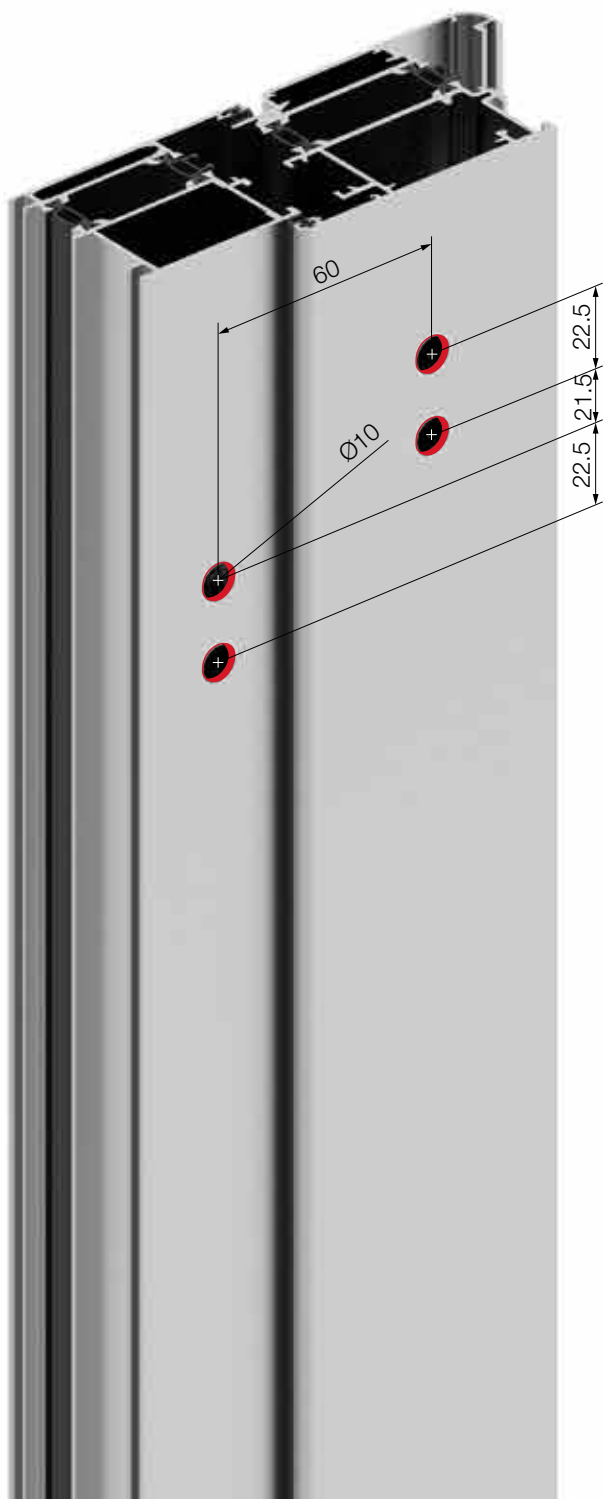
Use adjustment key ACP 99126 for strong hinges



26

Applicazione cerniere frontali ACP 9964/60 interasse 60mm

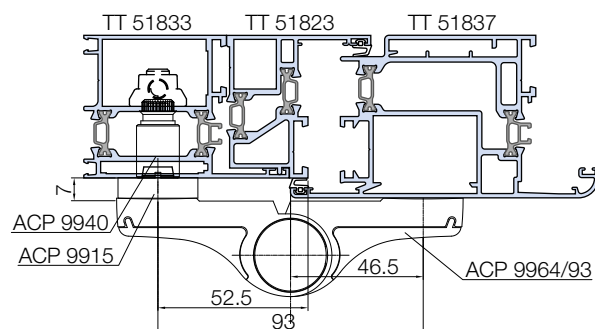
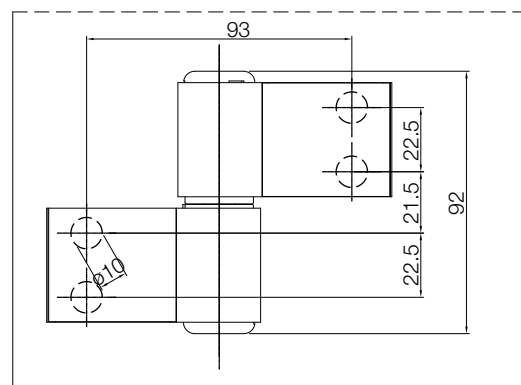
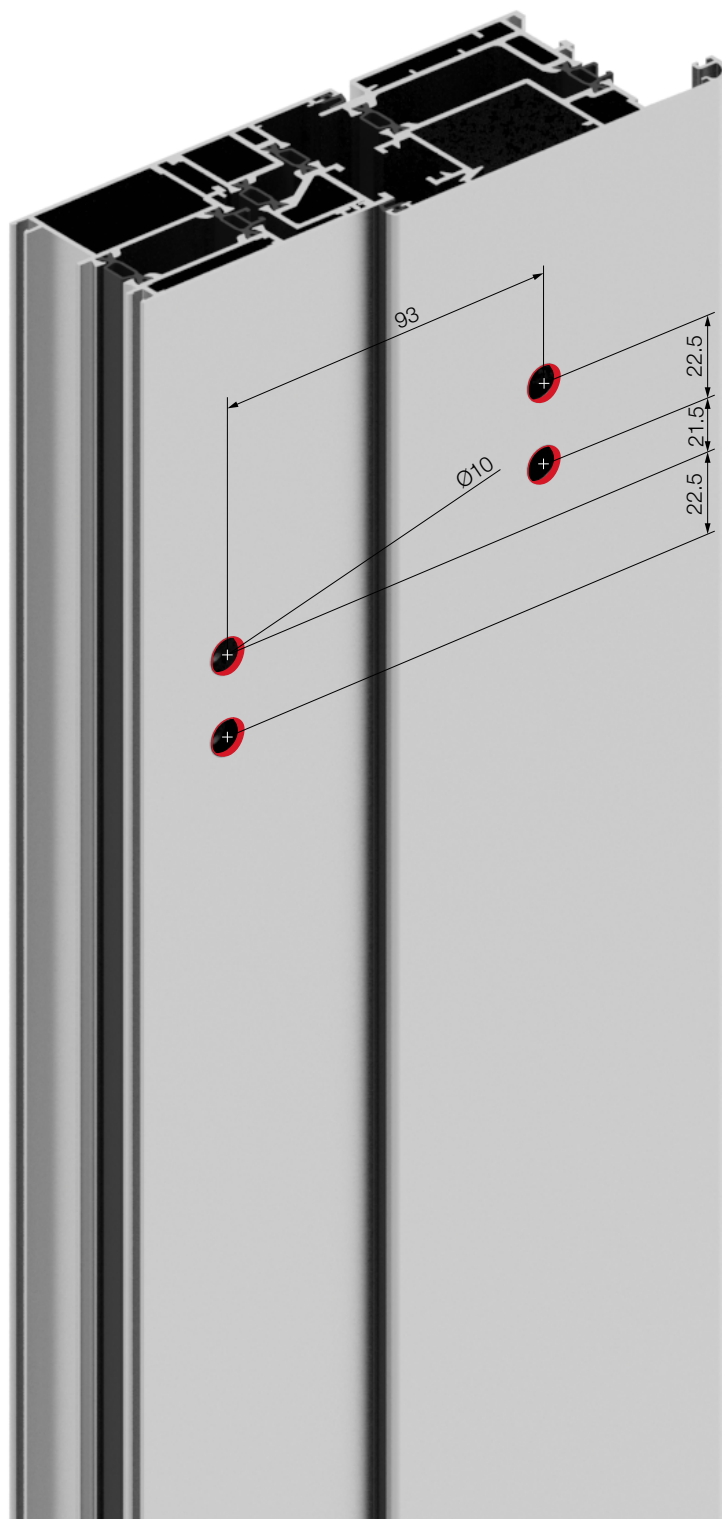
Application of front hinges ACP 9964/60 and hole centre distance 60mm



27

Applicazione cerniere frontali ACP 9964/93 interasse 93mm

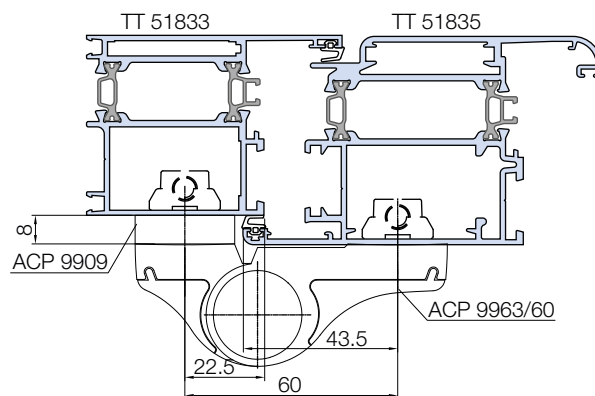
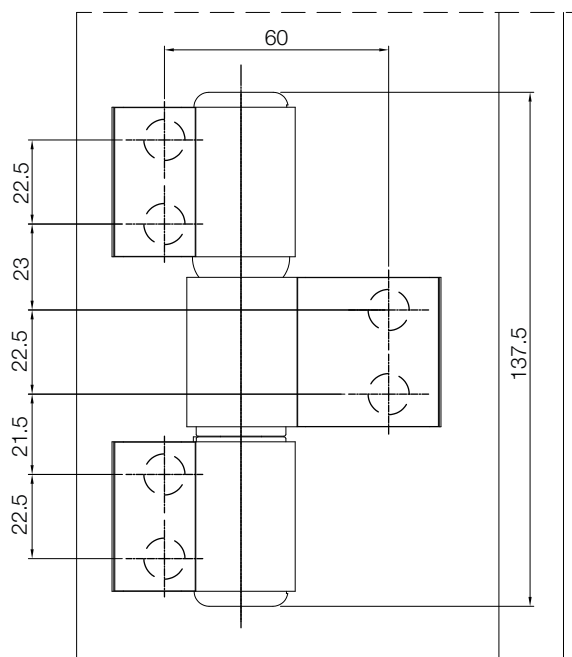
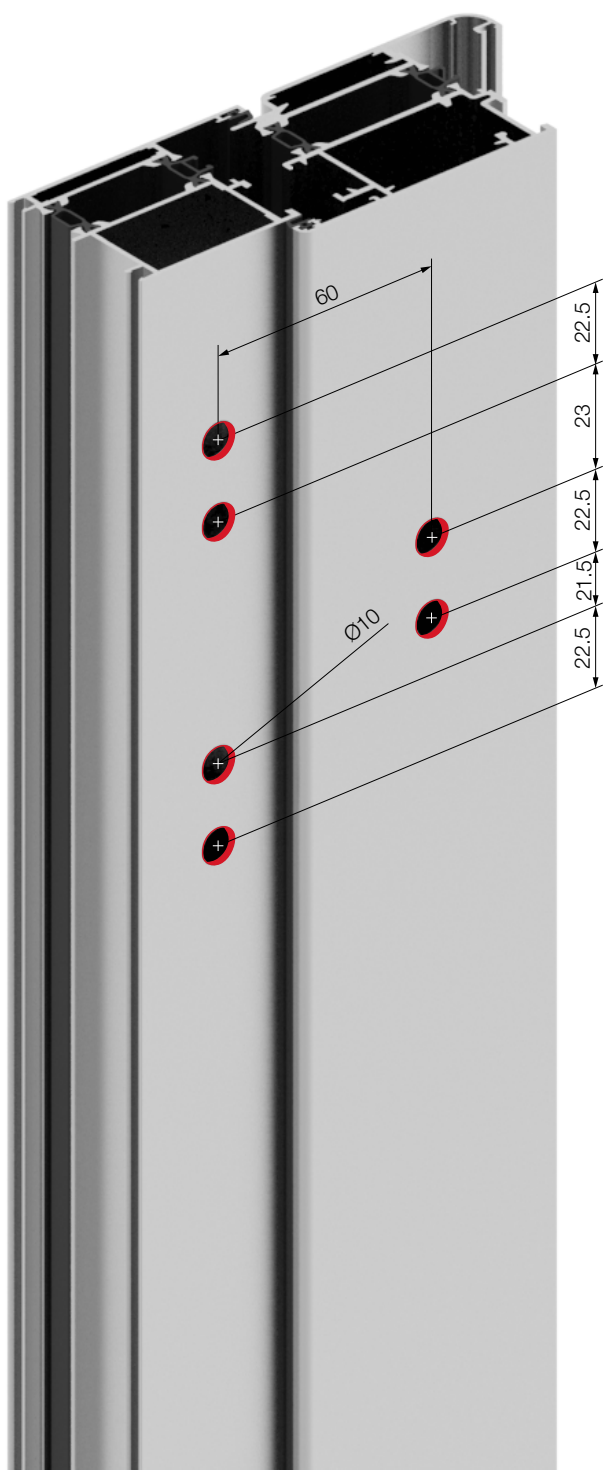
Application of front hinges ACP 9964/93 and hole centre distance 93mm



28

Applicazione cerniere frontali ACP 9963/60 interasse 60mm

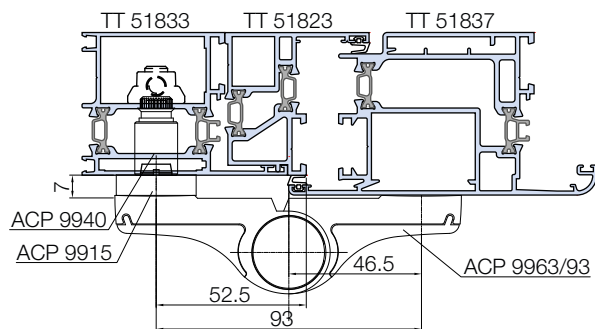
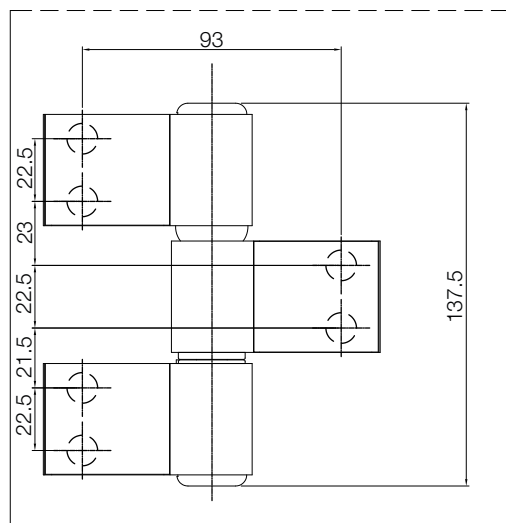
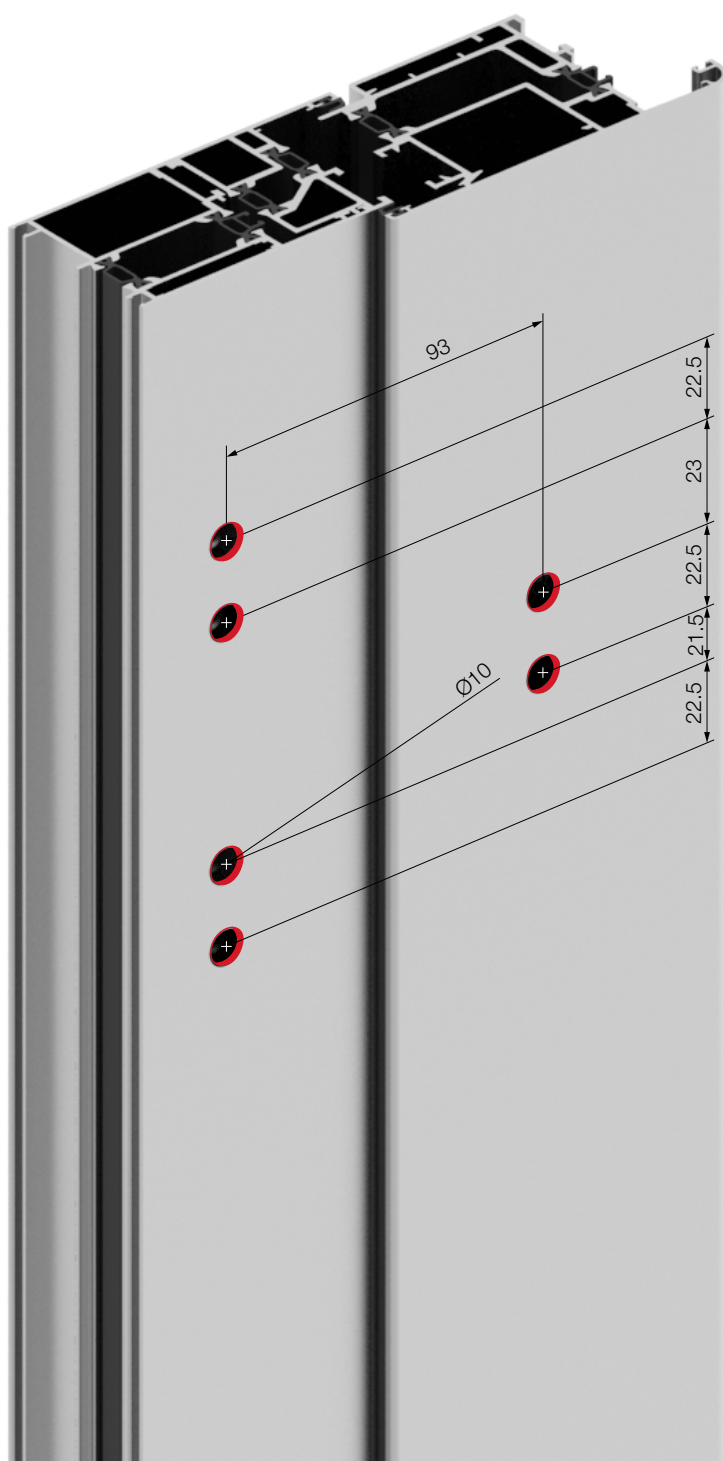
Application of front hinges ACP 9963/60 and hole centre distance 60mm



29

Applicazione cerniere frontali ACP 9963/93 interasse 93mm

Application of front hinges ACP 9963/93 and hole centre distance 93mm

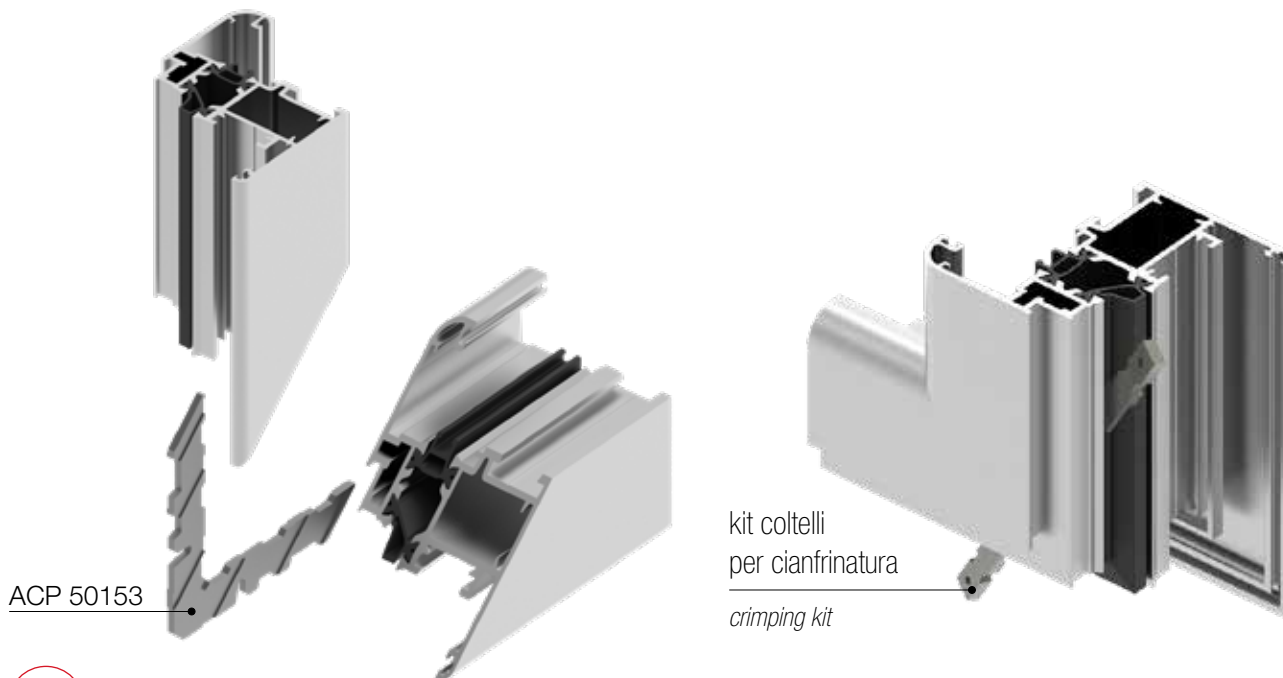


30

Inserimento squadrette ACP 50153 - ACP 50154

Inserire la squadretta e chiudere l'angolo scegliendo tra le seguenti opzioni:

Application ACP 50153 - 50154. Insert corner cleat and close the corner by choosing from the following options:

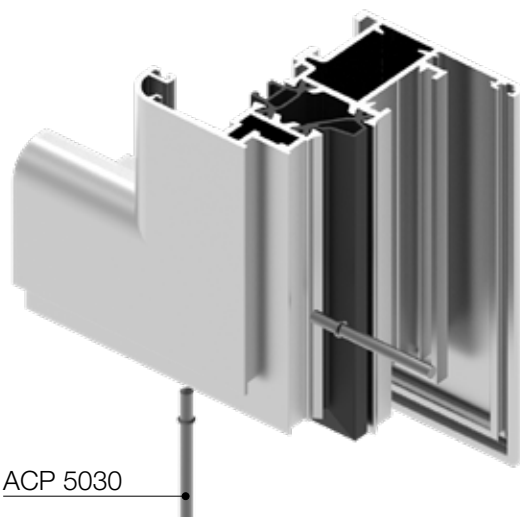


ACP 50153

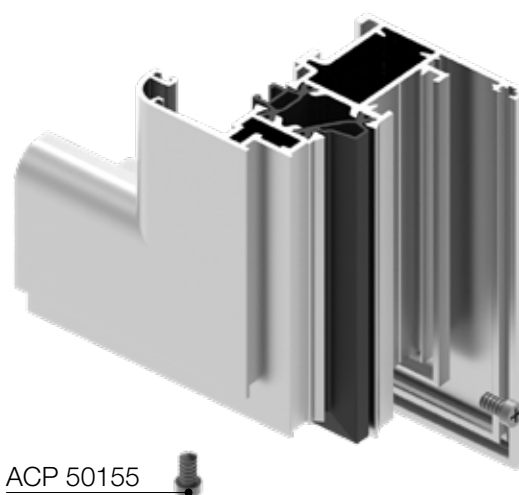
kit coltelli
per cianfrinatura

crimping kit

- 1 cianfrinatura tramite l'apposito kit
crimping using the appropriate kit



ACP 5030



ACP 50155

- 2 spinatura tramite la spina ACP 5030, con impugnatura a perdere, foro Ø3 di punzonatrice
broaching using pin ACP 5030 with disposable stem, Ø3 hole by punching machine

- 3 avvitatura con vite ACP 50155 foro Ø4 di punzonatrice (non può essere utilizzata sui profili telaio)
screwing with screw ACP 50155, Ø4 hole by punching machine (cannot be used on frame profiles)

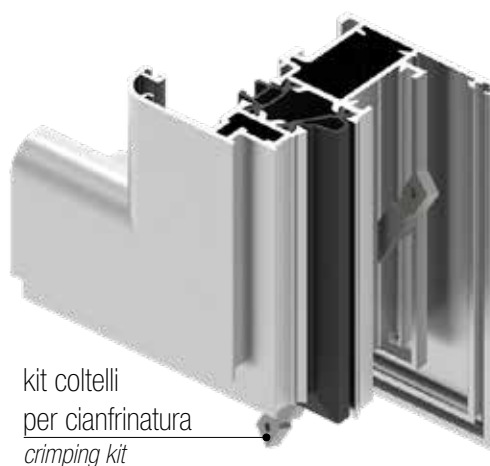
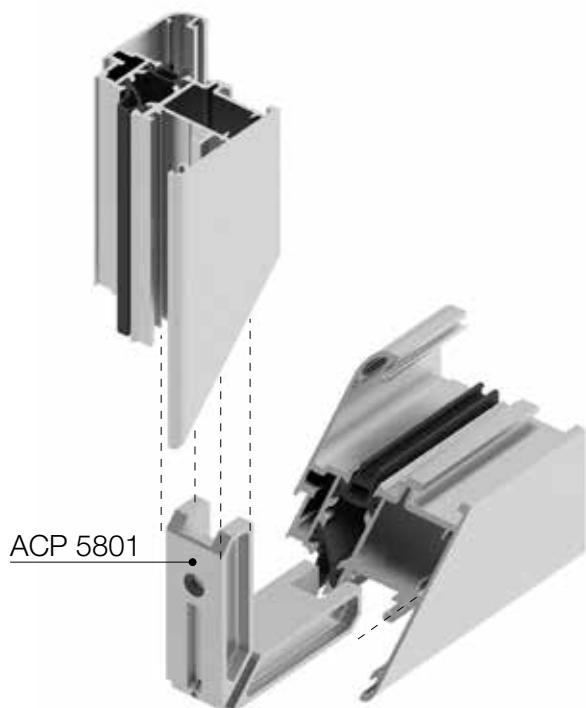
INTERASSE FORO: 32,3mm
hole centre distance: 32,3mm

31

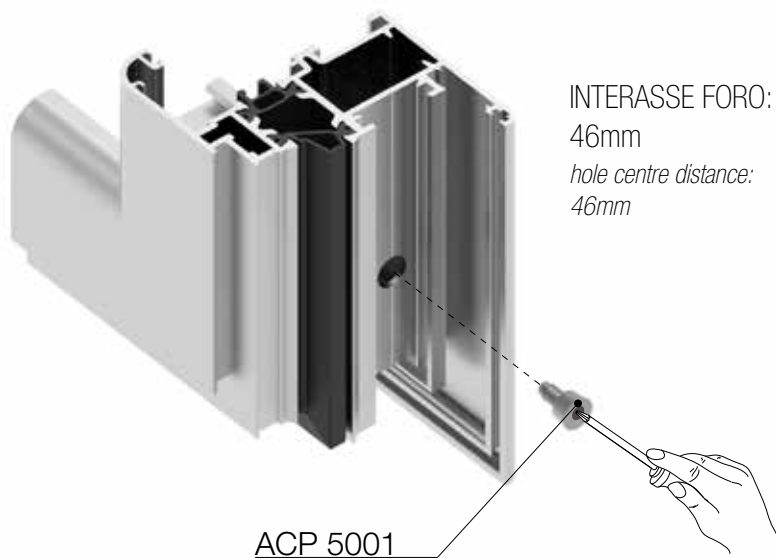
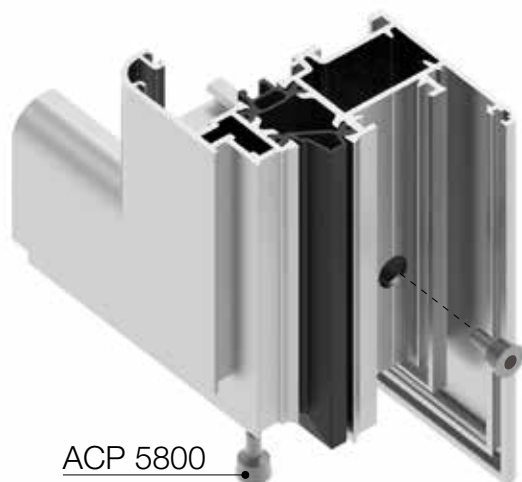
Applicazione ACP 5801 - ACP 5802 - ACP 7001

Inserire la squadretta e chiudere l'angolo scegliendo tra le seguenti opzioni:

Application ACP 5801 - ACP 5802 - ACP 7001. Insert corner cleat and close the corner by choosing from the following options:



- 1 cianfrinatura tramite l'apposito kit
crimping using the appropriate kit



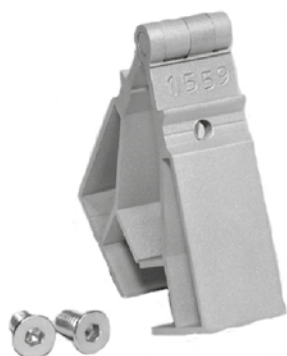
- 2 spinatura tramite la spina ACP 5800, foro Ø8 di punzonatrice
broaching using pin ACP 5800, Ø8 hole by punching machine

- 3 avvitatura con vite ACP 5001, foro Ø8 di punzonatrice
screwing with screw ACP 5001, Ø8 hole by punching machine
Dare un giro per lato, fino a che la testa della vite va A FILO PROFILO

32

Lavorazioni fori per montaggio squadretta maggiorata angolo variabile ACP 5506

Assembly oversize adjustable corner cleat ACP 5506

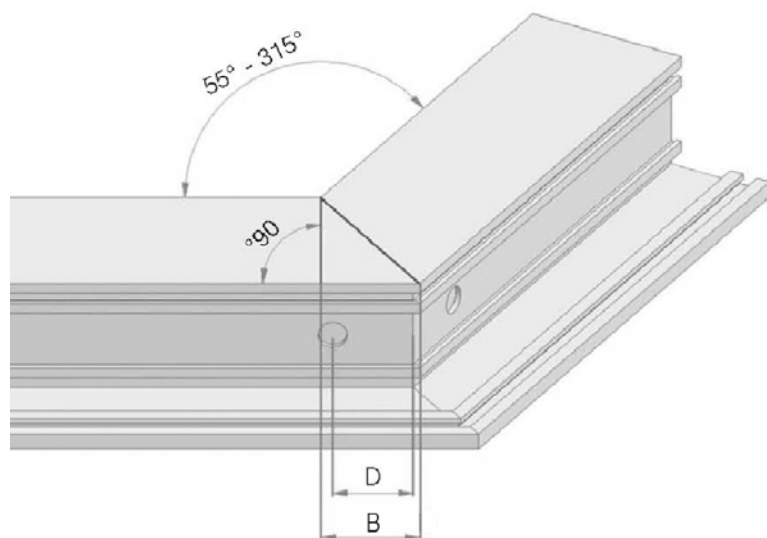
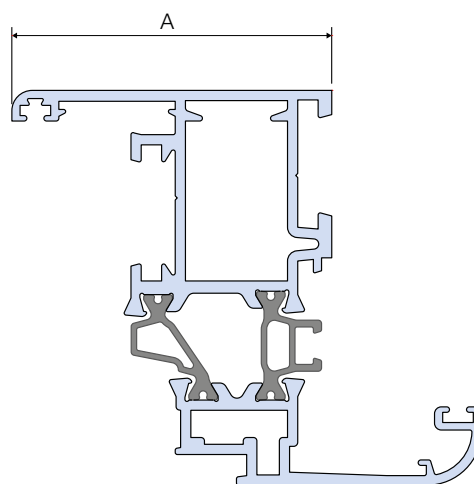


PROCEDURA PER ACP 5506

- stabilito l'angolo di taglio del profilo misurare la quota B
- eseguire il calcolo come suggerito nella formula in basso
- visto l'ampio campo di regolazione delle squadrette, la misura ottenuta può essere arrotondata + o - al mm

PROCEDURE FOR ACP 5506

- identify the cut angle, gauge the dimension B
- make calculations (as the bottom formula)
- the obtained value can be round off + or - mm



Per calcolare l'asse di foratura

$$D = 25 + (7 \times B \div A)$$

A = larghezza profilo

B = proiezione (a 90°) vertice interno su lato esterno

Esempio con B = 35 mm A = 50 mm

$$D = 25 + (7 \times 35 \div 50) = 30 \text{ mm}$$



33

Lavorazione fori per montaggio squadrette angolo variabile ACP 5504/ ACP 5805

Machining of holes to fit variable corner brackets ACP 5504/ ACP 5805

**PROCEDURA PER ACP 5504**

- stabilito l'angolo di taglio del profilo, misurare la quota A o determinarla in linea teorica applicando la seguente formula:
 $A = B \times \tan(\text{alfa})$
- sommare o detrarre al coefficiente C la metà della quota A (prima determinata) per ottenere la distanza di foratura X1 esterna oppure X2 per la distanza interna
- visto l'ampio campo di regolazione delle squadrette, la misura ottenuta può essere arrotondata + o - al mm

PROCEDURE FOR ACP 5504

- once the profile cut angle has been established, measure value A or determine it theoretically by applying the following formula: $A = B \times \tan(\text{alfa})$
- add to or subtract from the coefficient C half of value A (previously determined) to obtain the external drilling distance X1 the internal drilling distance X2
- the obtained value can be round off + or - mm

PROCEDURA PER ACP 5805

Per questa squadretta valgono le stesse regole per il calcolo di A, mentre per X1 il coefficiente da aggiungere è sempre 41mm
PERTANTO: $X1 = A + 41$

PROCEDURE FOR ACP 5805

For this bracket the same rules apply for the calculation of A, whereas for X1 the coefficient to be added is always 41mm. Therefore: $X1 = A + 41$

Angolo = alfa	Angle = alfa
$A = B \times \tan(\text{alfa})$	$A = B \times \tan(\text{alfa})$
$C = 65$	$C = 65$
$X1 = C + (A/2)$	$X1 = C + (A/2)$
$X2 = C - (A/2)$	$X2 = C - (A/2)$

Angolo = 55

 $A = 18 \times (\tan \text{ di } 55)$ $C = 65$ (art.0910.10) $X1 = 65 + (25.71/2) = 77.85$ circa $X2 = 65 - (25.71/2) = 52.15$ circa

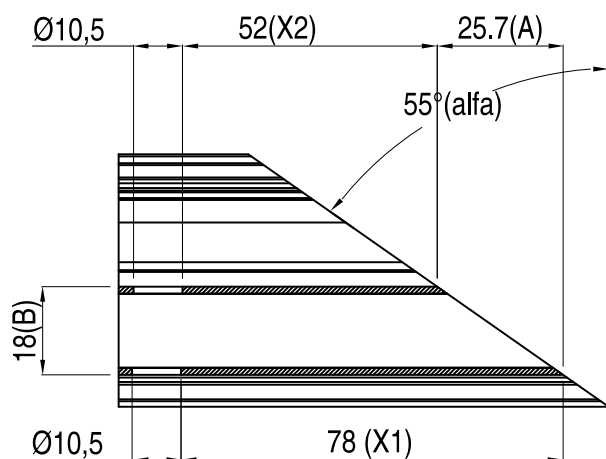
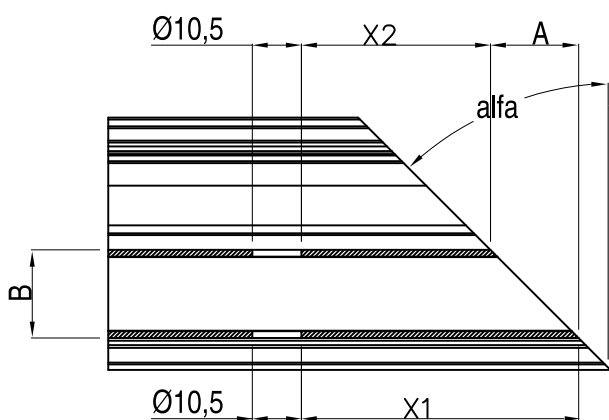
arrotondare

 $X1 = 78$ $X2 = 52$

Angle = 55

 $A = 18 \times (\tan \text{ of } 55)$ $C = 65$ (art.0910.10) $X1 = 65 + (25.71/2) = 77.85$ approximately $X2 = 65 - (25.71/2) = 52.15$ approximately

round up/down

 $X1 = 78$ $X2 = 52$ 

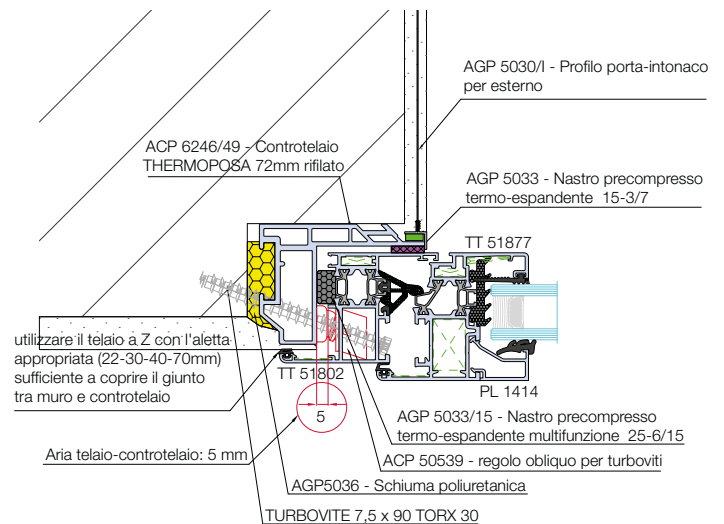
34

Regolo a muro obliquo

Sloping wall spacer

Per un corretto e sicuro fissaggio al controtelaio occorre sempre utilizzare il regolo a muro. Sui telai Planet, a tubolarità normale si può utilizzare il regolo obliquo che evita le spaccature dell'intonaco dovute ad un fissaggio troppo periferico causato dai normali regoli.

For a correct and safe fixing to the counter-frame it is always necessary to use the wall spacer. The sloping spacer can be used on Planet frames with a standard chamber. This spacer prevents the plaster from cracking as a result of too peripheral a fixing caused by normal guides.



ACP 50536

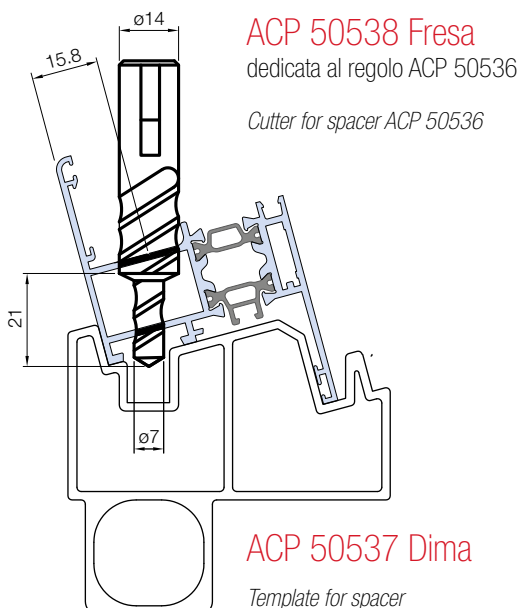


Regolo obliquo in zama

Zama sloping spacer

Forare la tubolarità del telaio con la fresa ACP 50538, utilizzando come base d'appoggio la dima ACP 50537

Make a hole in the tubularity of the frame with the cutter ACP 50538, using template ACP 50537 as a support base



Utilizzare su finestre con dimensioni max 2 mq

ACP 50539

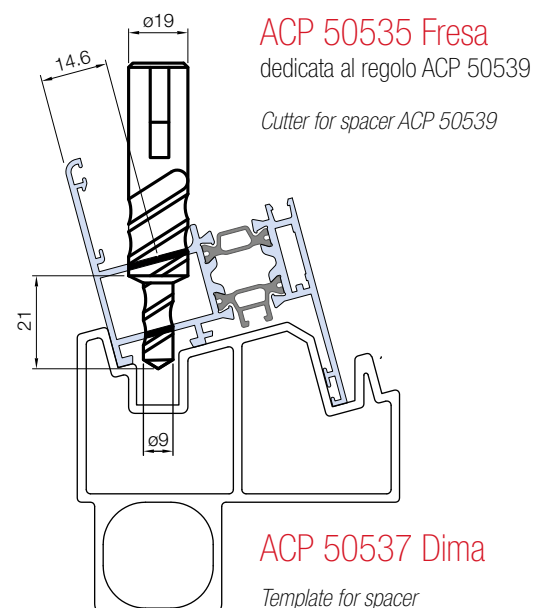


Regolo obliquo in nylon per turboviti

Nylon sloping spacer

Forare la tubolarità del telaio con la fresa ACP 50535, utilizzando come base d'appoggio la dima ACP 50537

Make a hole in the tubularity of the frame with the cutter ACP 50535, using template ACP 50537 as a support base

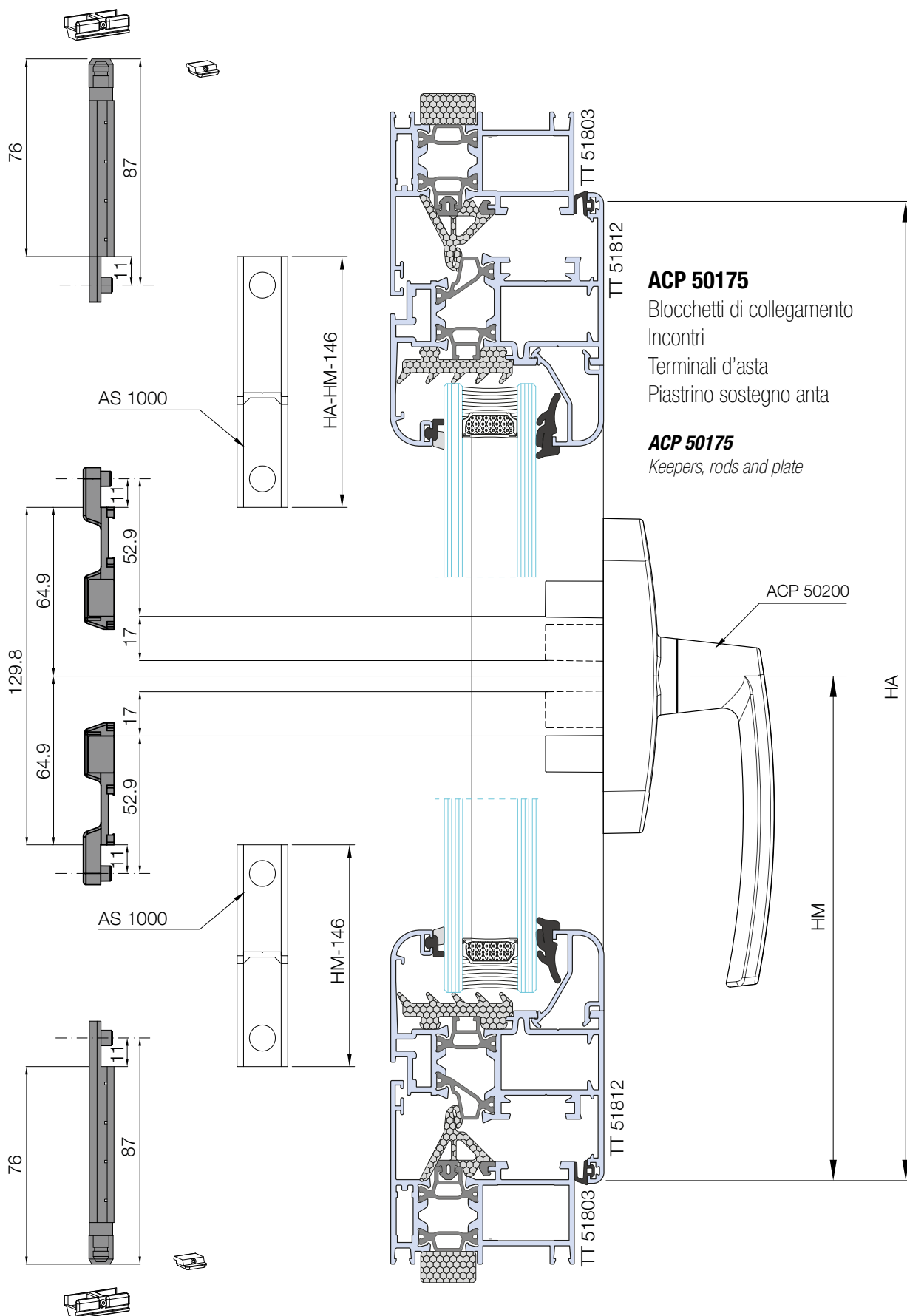


Utilizzare su finestre con dimensioni > 2 mq

35

Lavorazione taglio astina per kit ACP 50175

Leaf closure rod cutting for ACP 50175



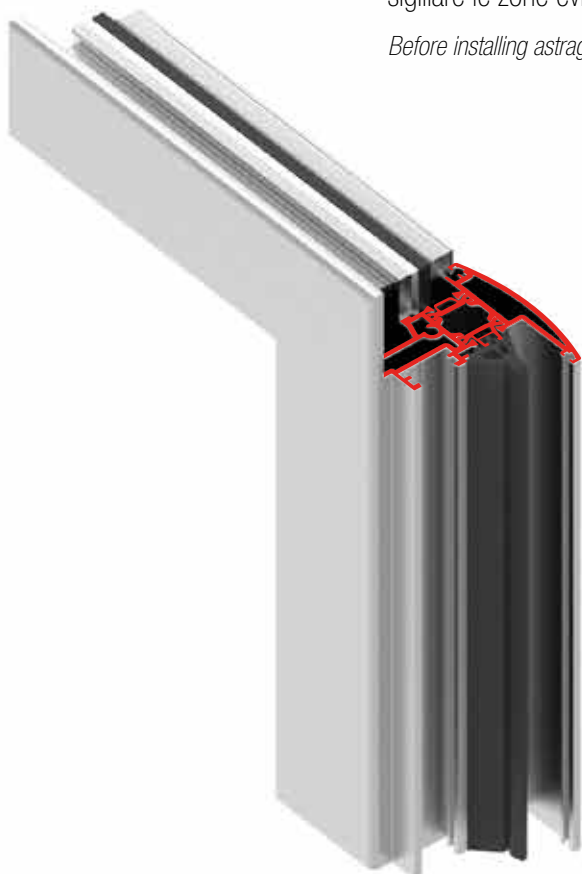
36

Montaggio tappo riporto centrale ACP 55180

Fitting the central connection profile cap

Prima di montare il tappo riporto centrale occorre sigillare le zone evidenziate nel disegno

Before installing astragal cap, seal areas shown on drawing



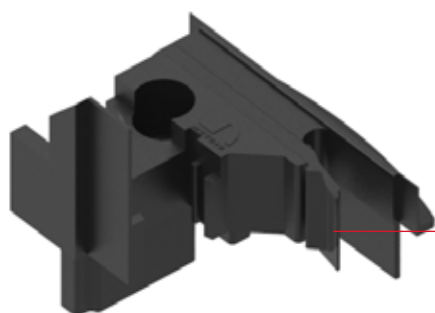
Avvitare con vite TC-CE4,8

Screwing with screw TC-CE4,8

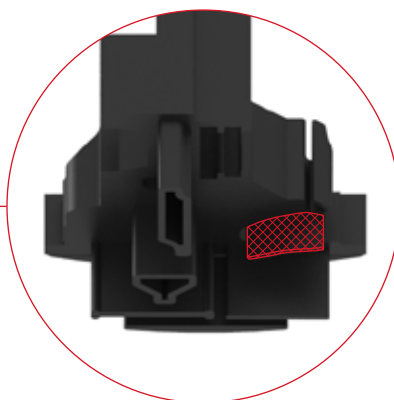


Dopo aver inserito il tappo, accostare la pinna centrale incollando la zona di contatto, come evidenziato nell'immagine sotto

After fitting the cap, place the central fin, gluing the contact area



ACP 55180

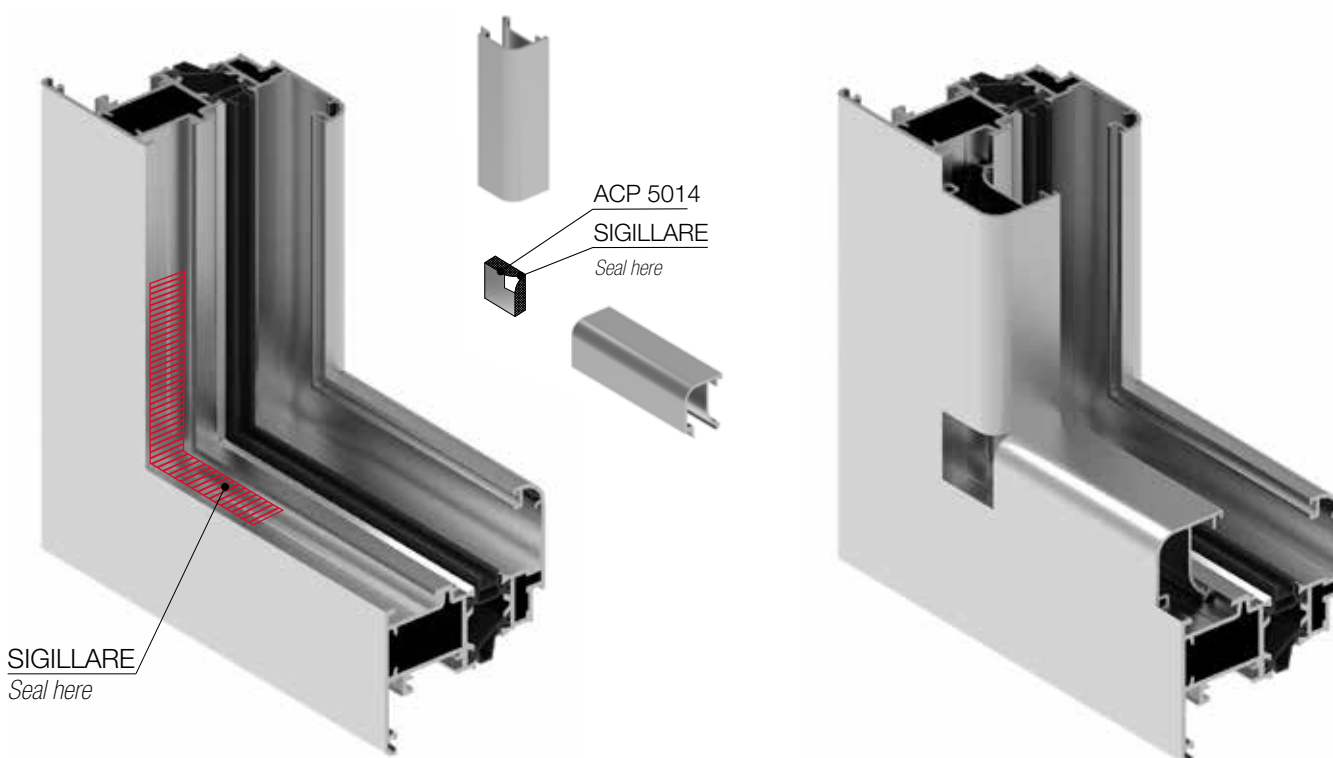


37

Montaggio angolino fermavetri ACP 5014

Prima di montare l'angolino occorre sigillare la sede del fermavetro nell'angolo e le giunzioni con i fermavetri

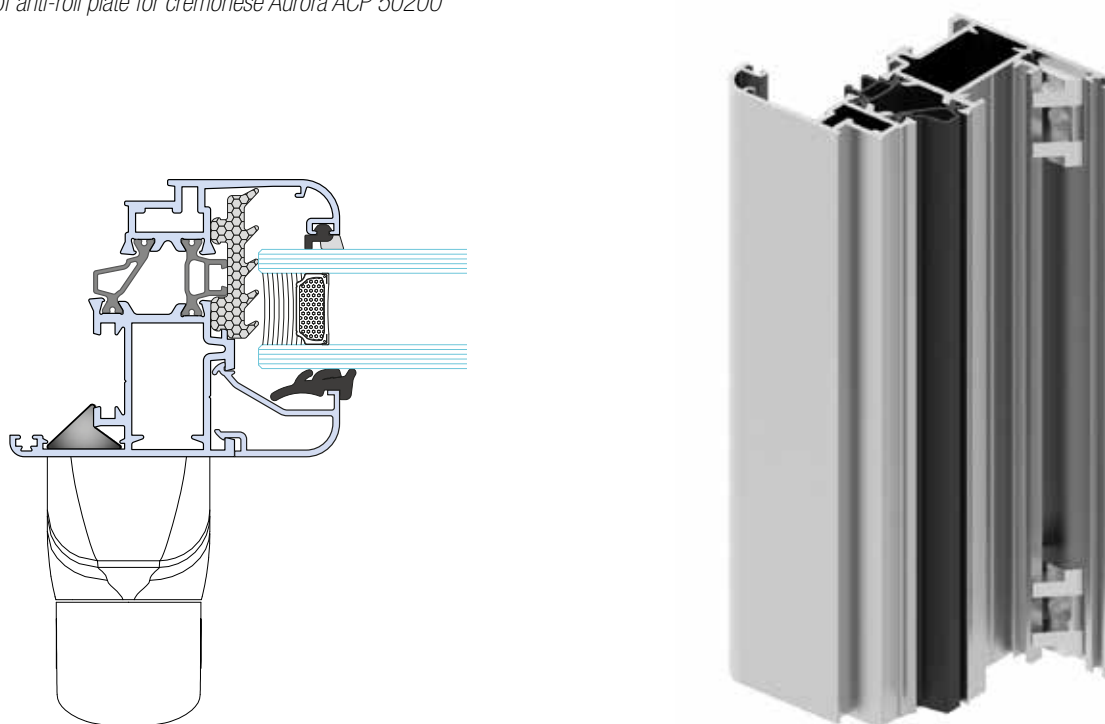
ACP 5014 assembly



38

Montaggio piastrino antirollio cremonese Aurora ACP 50200

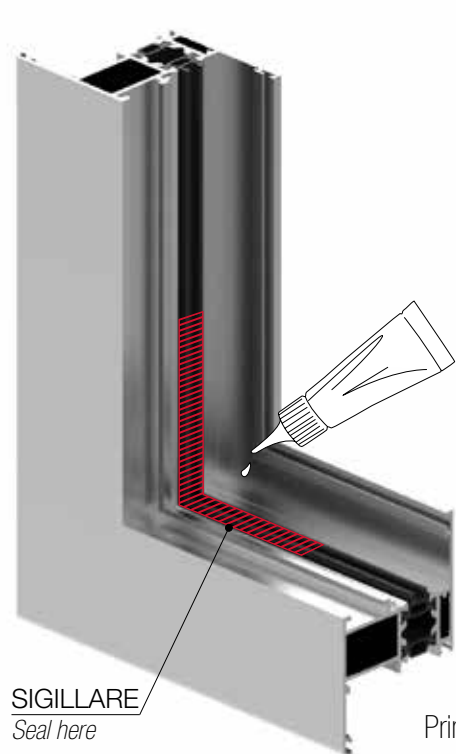
Assembly of anti-roll plate for cremonese Aurora ACP 50200



39

Montaggio angolo vulcanizzato AGP 50185 e AGP 4085

Assembly for vulcanized corner



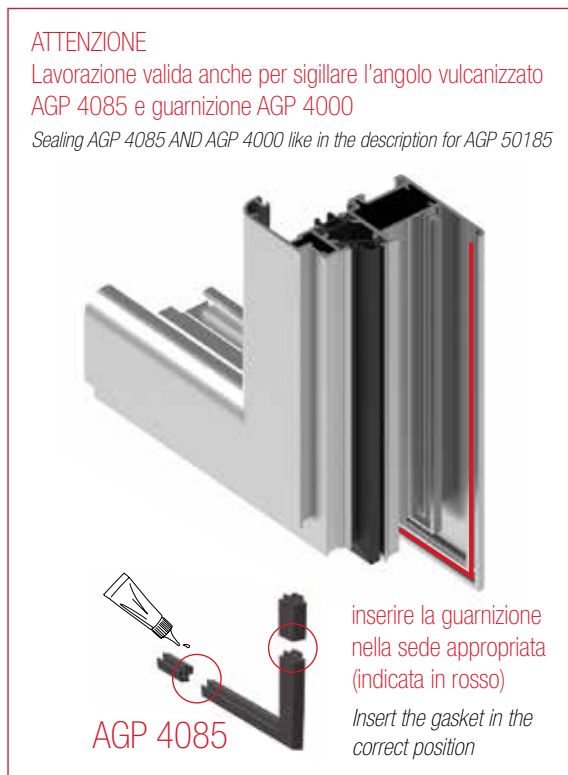
SIGILLARE
Seal here



AGP 50185

AGP 50172

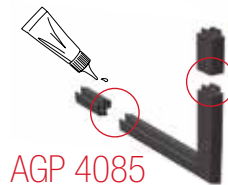
Prima di montare l'angolo vulcanizzato occorre sigillare la sede della guarnizione nell'angolo come indicato in figura
Before assembling the vulcanized corner, seal the gasket housing in the corner



ATTENZIONE

Lavorazione valida anche per sigillare l'angolo vulcanizzato AGP 4085 e guarnizione AGP 4000

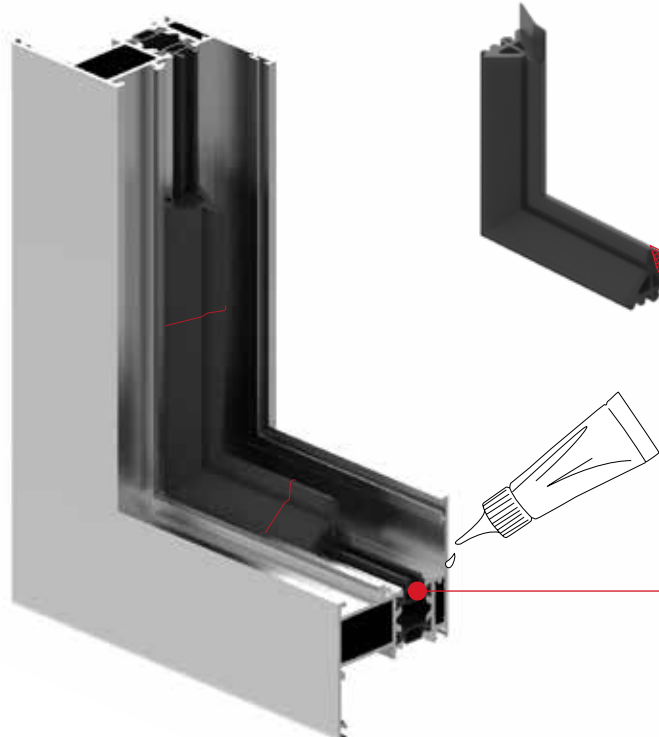
Sealing AGP 4085 AND AGP 4000 like in the description for AGP 50185



AGP 4085

inserire la guarnizione nella sede appropriata (indicata in rosso)

Insert the gasket in the correct position



Sul traverso inferiore del telaio praticare un cordolo di sigillante sotto la guarnizione centrale e per tutta la lunghezza del traverso

Make a sealing bead under the central gasket along the whole length of the sill transom frame

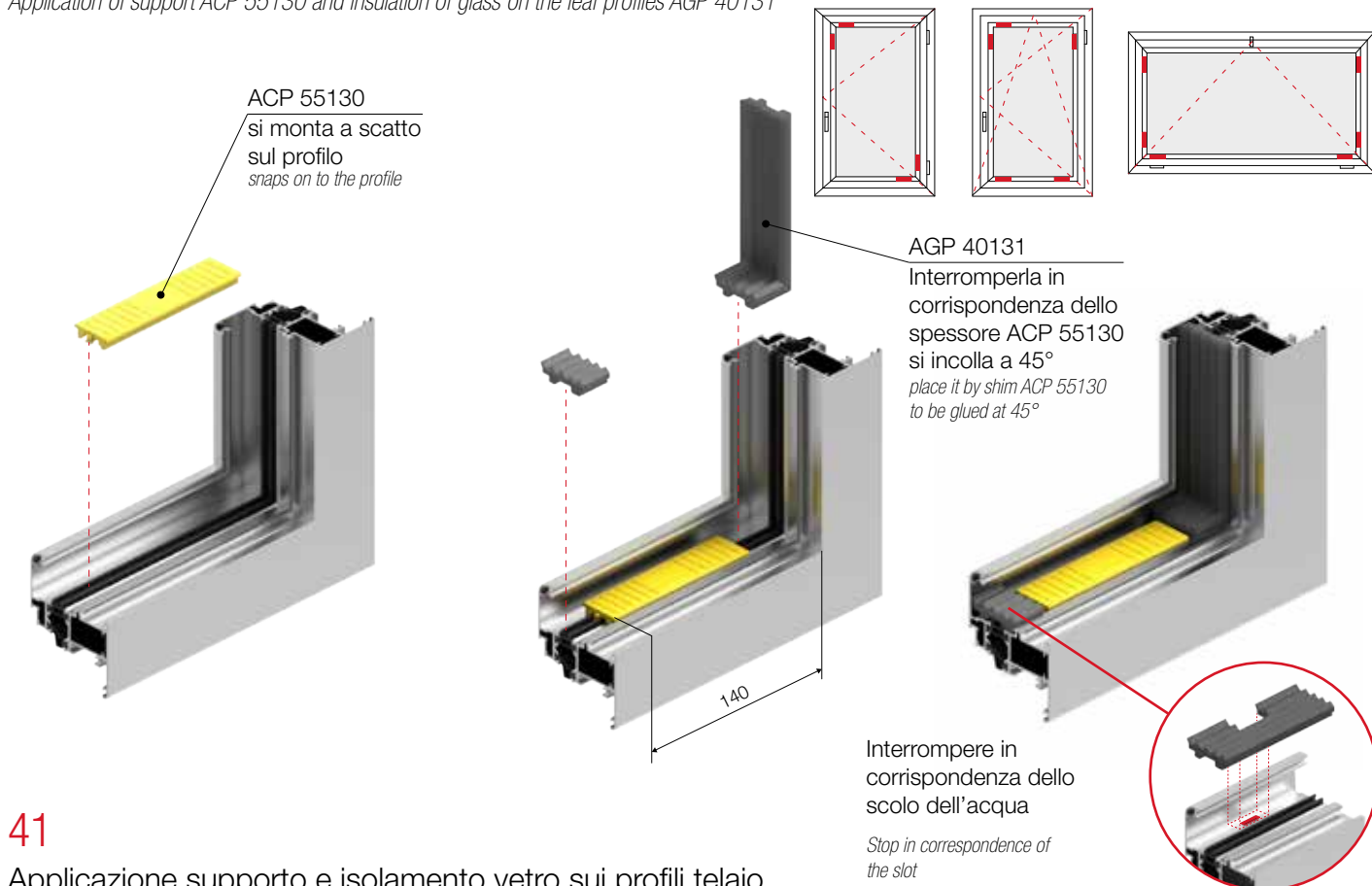
Dopo aver montato l'angolo vulcanizzato accostare la pinna incollando la zona di contatto

After assembling the vulcanized corner, place the fin, gluing the contact area

40

Applicazione supporto ACP 55130 e isolamento vetro AGP 40131 sui profili anta

Application of support ACP 55130 and insulation of glass on the leaf profiles AGP 40131



41

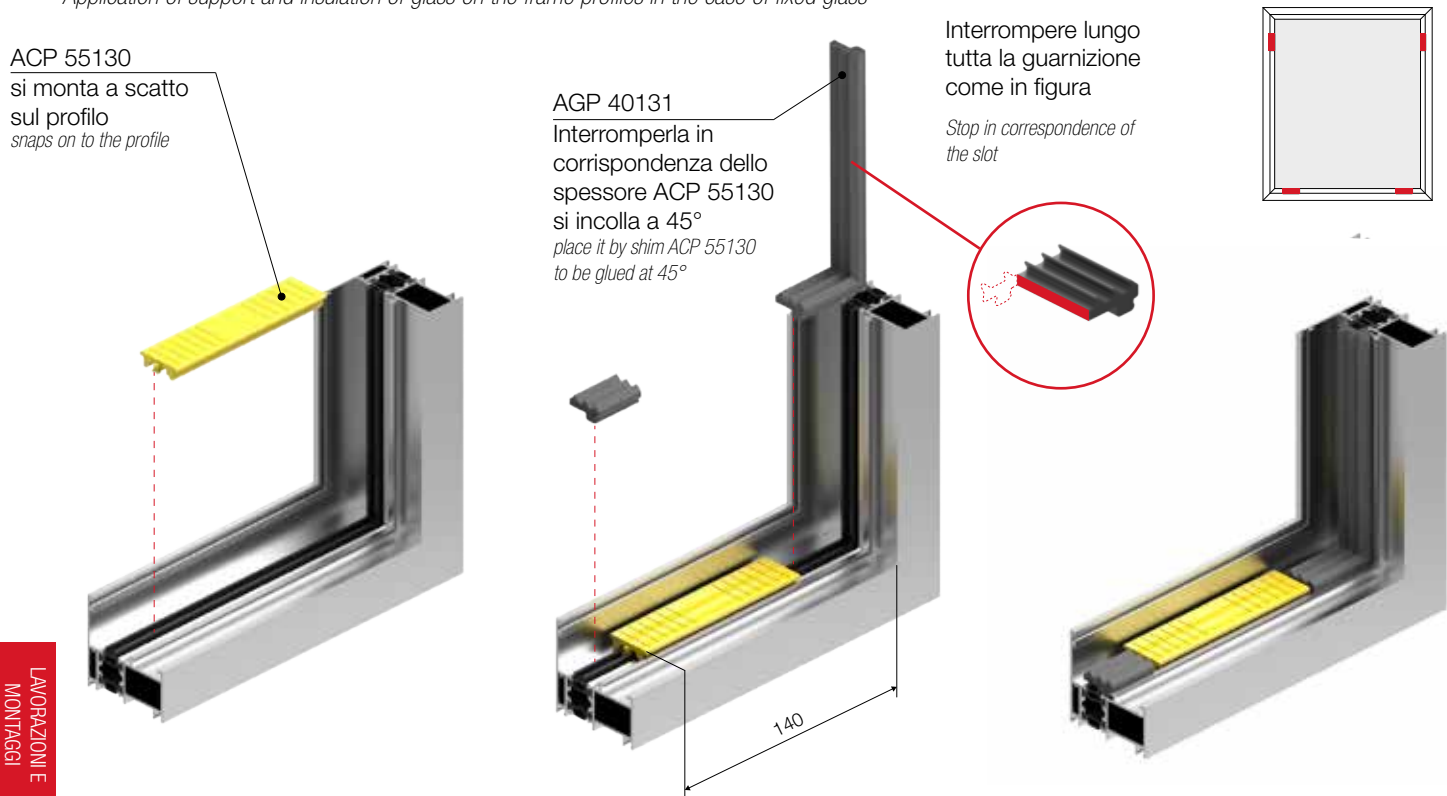
Applicazione supporto e isolamento vetro sui profili telaio nel caso di specchiature fisse

Application of support and insulation of glass on the frame profiles in the case of fixed glass

ACP 55130
si monta a scatto
sul profilo
snaps on to the profile

AGP 40131
Interromperla in
corrispondenza dello
spessore ACP 55130
si incolla a 45°
*place it by shim ACP 55130
to be glued at 45°*

Interrompere lungo
tutta la guarnizione
come in figura
*Stop in correspondence of
the slot*



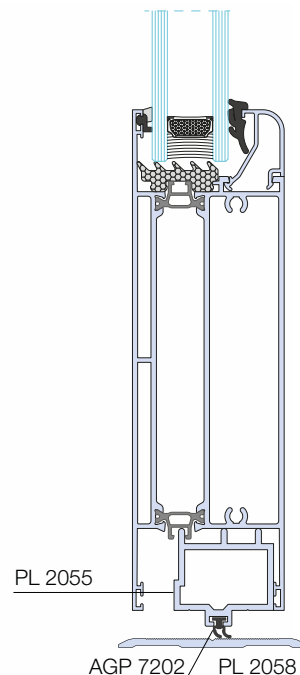
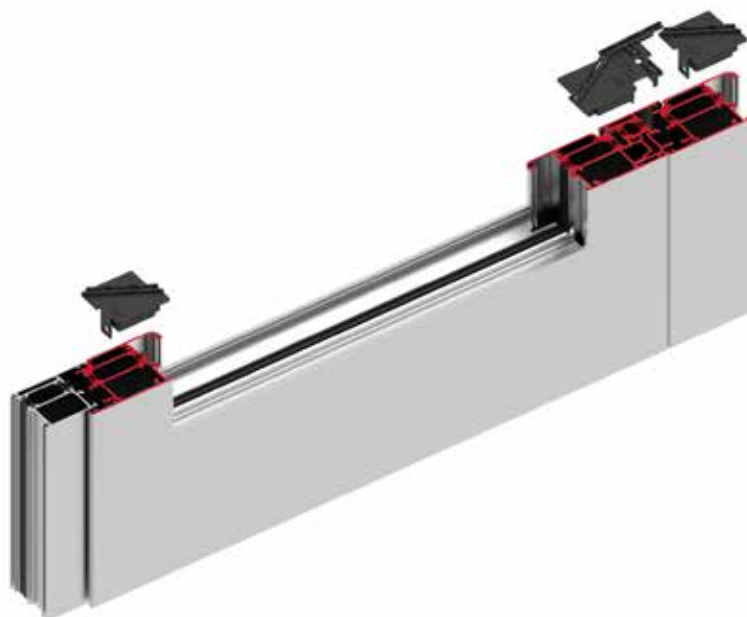
42

Applicazione tappi sottoporta ACP 5072, ACP 5073 e ACP 5074

I tappi ACP 5072, ACP 5073 e ACP 5074 consentono di mantenere una tenuta continua anche sotto il montante dell'anta e del riporto centrale grazie all'apposita sede che permette l'inserimento dello spazzolino. Utilizzando la soglia calpestabile PL 2058 lo spazzolino assumerà la posizione di lavoro solo in chiusura evitando di danneggiare la pavimentazione. Lo spazzolino può essere sostituito dalla guarnizione AGP 7202 come indicato nella sezione 1.

Applying under door cap ACP 5072, ACP 5073, ACP 5074

The caps ACP 5072, ACP 5073 and ACP 5074 allow you to keep a continuous seal even under the leaf's mullion and the astragal using the appropriate venue that allows the insertion of the floor-brush. Using the floor threshold PL 2058, the brush will work in the right position only in closing to avoid the floor's damage. The brush can be replaced by the gasket AGP 7202 as described in section 1.



Sezione 1

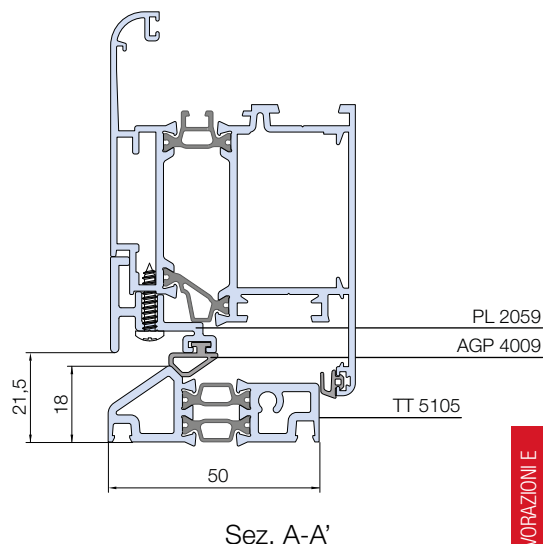
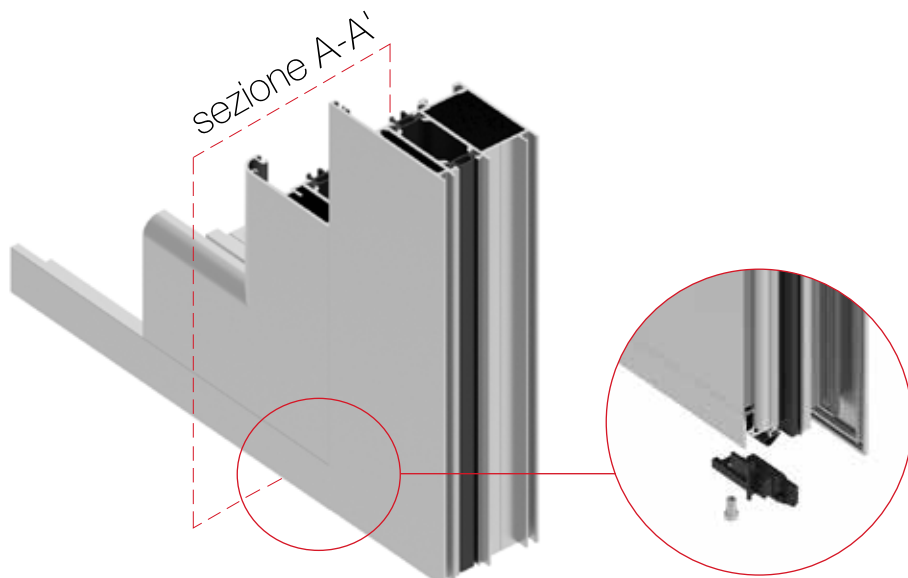
43

Applicazione tappo terminale sottoporta ACP 50155

Nuovo tappo terminale per porte che prevedono l'anta a girare come traverso inferiore a pavimento al posto dello zoccolo. Il tappo terminale (destra e sinistra) è stato creato per rendere l'infisso ermetico in quanto darà continuità tra la guarnizione di battuta (AGP 4009) e quella giunto aperto presente sui montanti del telaio. Non saranno pertanto necessari i 2 angoli vulcanizzati inferiori. Il tappo andrà inserito e successivamente avvitato al profilo porta spazzolino PL 2059, come indicato nelle immagini qui sotto.

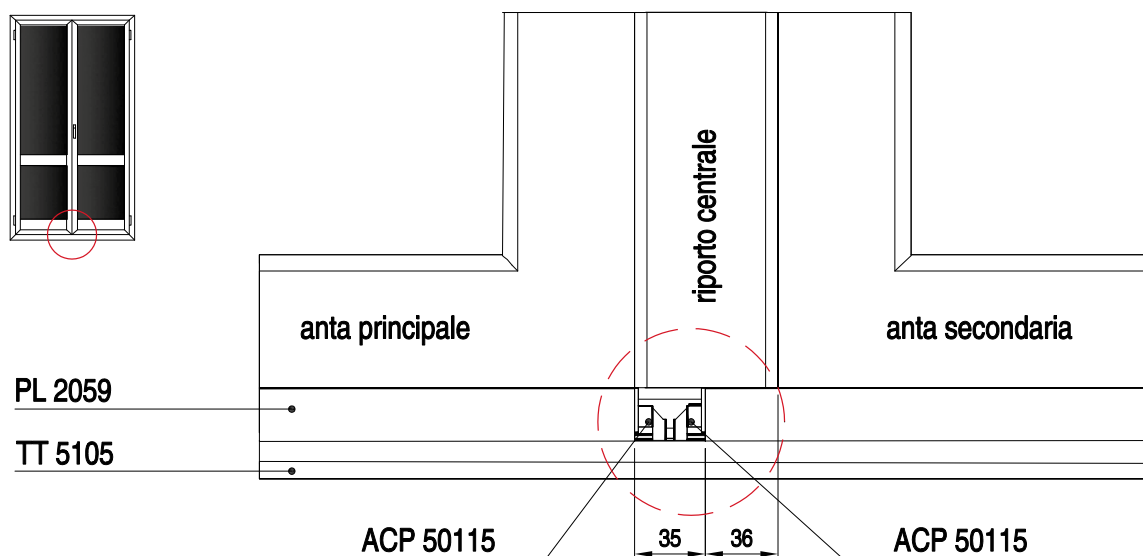
ACP 50155: floor door cap

New cap for turn+leaf+doors which provide the leaf as sill in place of the base. The end cap (right and left) was created to make the system more hermetic as it will give continuity between the gasket (AGP 4009) and the mullion's fin seal. Therefore it won't need two vulcanized corner. The cap will be inserted and screwed on toothbrush holder profile PL 2059, as illustrated in the pictures below.



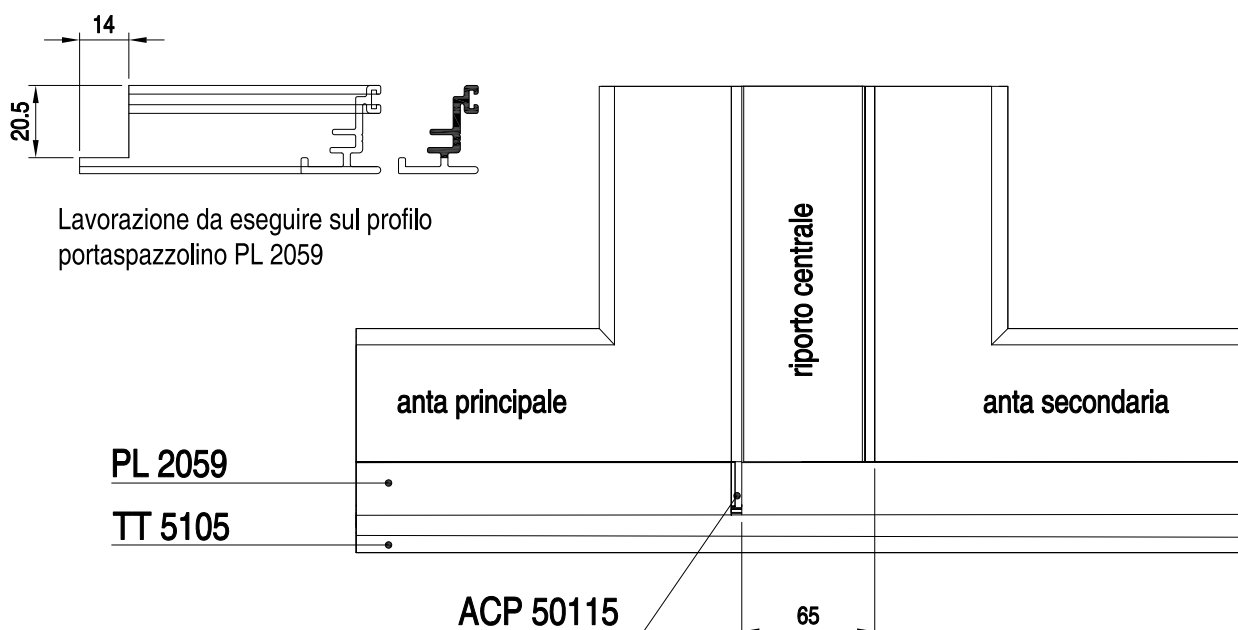
Nel nodo centrale dell'infisso a 2 ante è possibile adottare 2 differenti soluzioni in base alle proprie esigenze. La soluzione ermetica prevede l'inserimento del tappo ACP 50115 su entrambe le ante, creando però una zona centrale con i tappi a vista da 35x30mm, come evidenziato nel disegno qui sotto.

In 2-leaf window central section can use two different solutions according to your needs. The hermetic solution provide for application the cap ACP 50115 on both leaves, however, it makes a central area with 35x30mm plug in view, as shown in the below figure.



Nella soluzione estetica, grazie allo scasso di 20,5x14mm, il profilo portaspazzolino PL 2059 arriva a filo del riporto centrale, come evidenziato nel disegno qui sotto. Il tappo ACP 50115 va inserito solo sull'anta principale. Utilizzando questa soluzione c'è il rischio di minime infiltrazioni di aria e acqua.

In aesthetic solution, thanks to the space 20,5x14mm, the brush holder PL 2059 profile is flush the astragal, as shown in the below figure. The cap ACP 50115 is inserted in the main leaf. Using this solution you risk a little air and water infiltration.



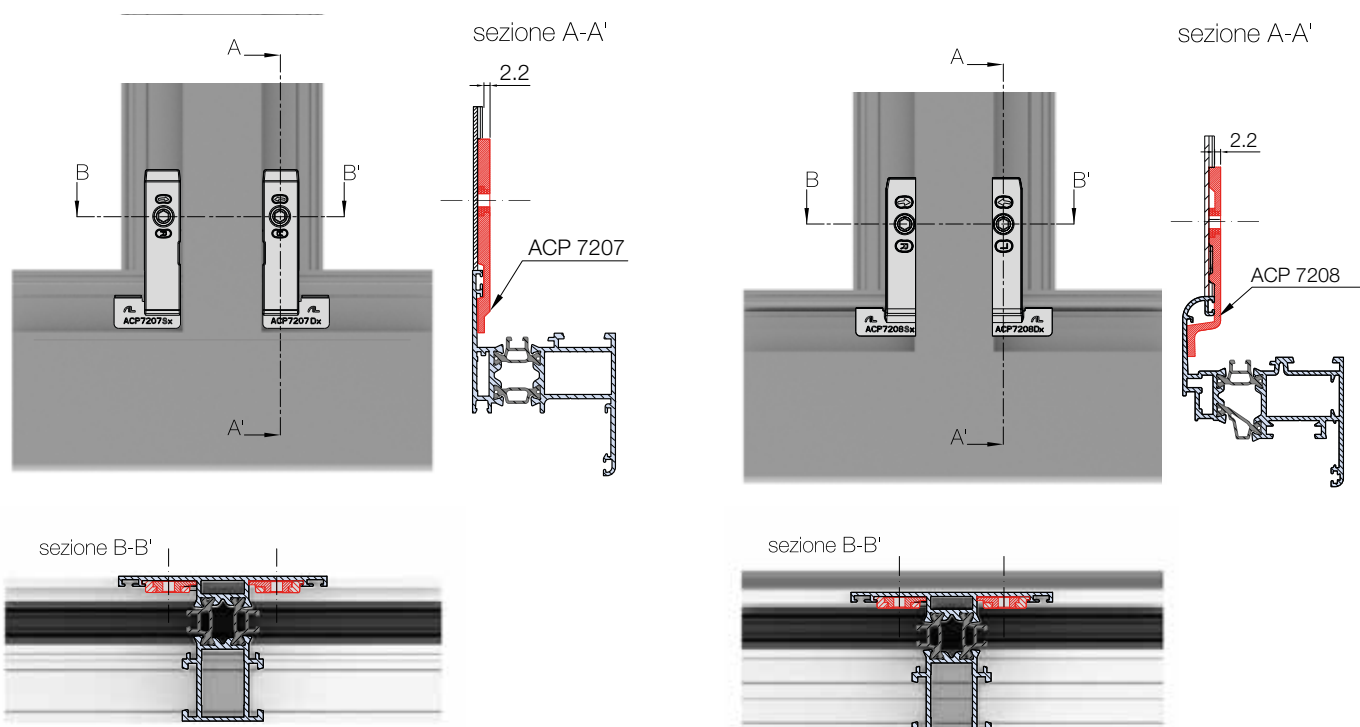
44

Applicazione cavallotti esterni ACP 7207 e ACP 7208

I cavallotti ACP 7207 e ACP 7208 conferiscono alla giunzione tra montante e traverso un perfetto allineamento della scocca esterna nonché un tiraggio notevole, sulle serie di una certa profondità aiutano a mantenere il traverso in posizione ortogonale senza subire rotazione a causa del peso del vetro.

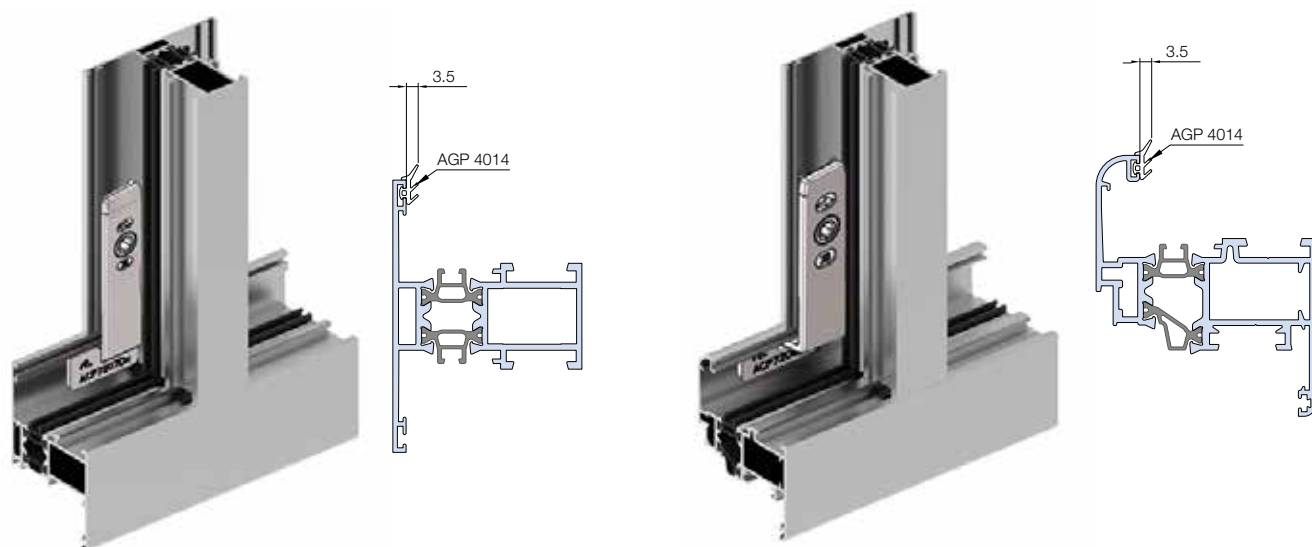
Applying alignment clamp ACP 7207 and ACP 7208

The alignment clamp ACP 7207 and ACP 7208 gives a perfect alignment between transom and mullion and helps to keep the transom in orthogonal position.



Nell'utilizzo dei cavallotti ACP 7207 e ACP 7208 è obbligatorio adoperare la guarnizione AGP 4014, in quanto permette di posizionare il vetro alla giusta distanza dall'accessorio stesso, evitando ogni rischio di contatto.

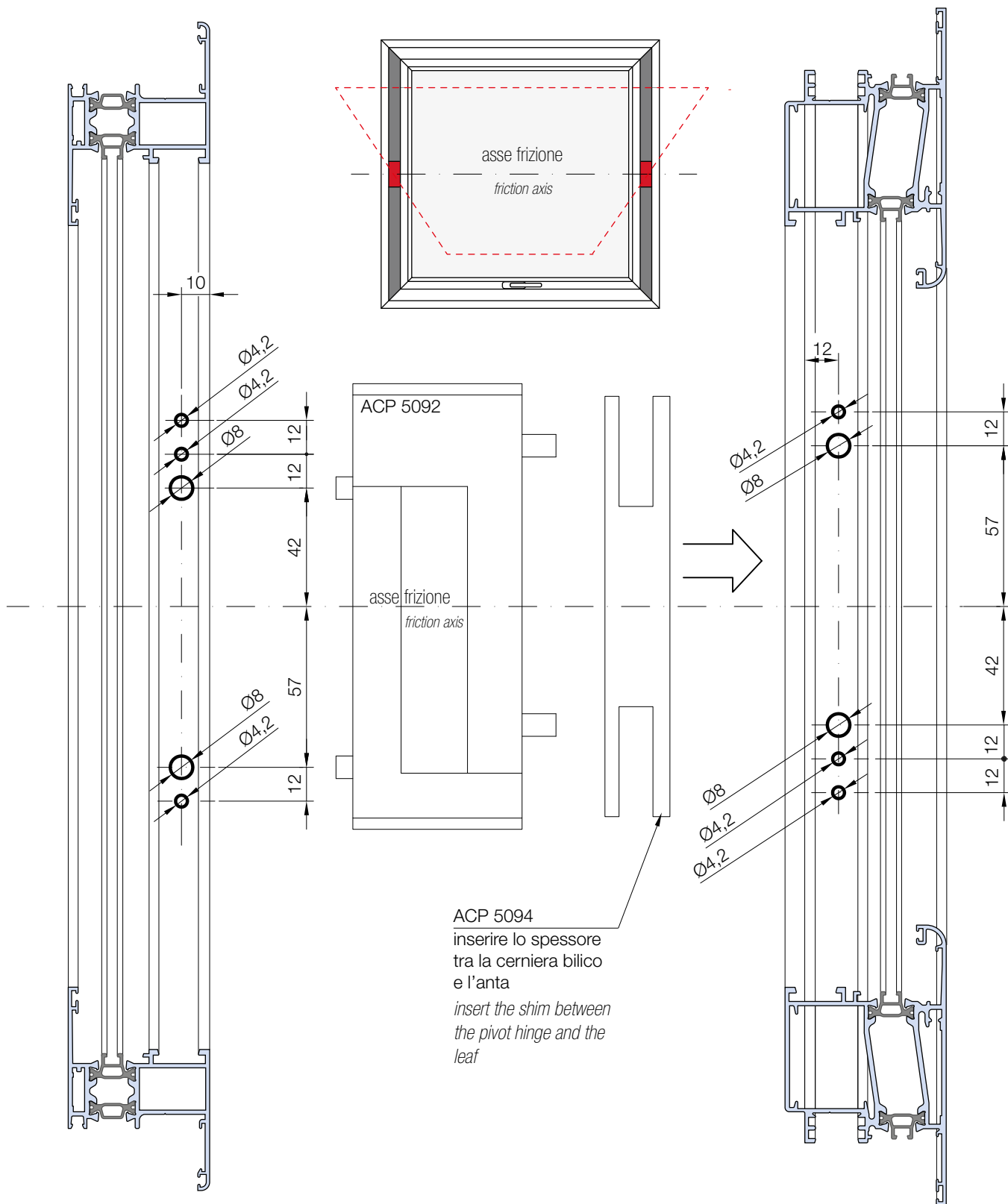
To use clamps ACP 7207 and ACP 7208 is required use the gasket AGP 4014 that allows you to place the glass at the right distance, avoiding any risk of contact.



45

Lavorazione telaio e anta bilico orizzontale per applicazione ACP 5092 - portata 175kg

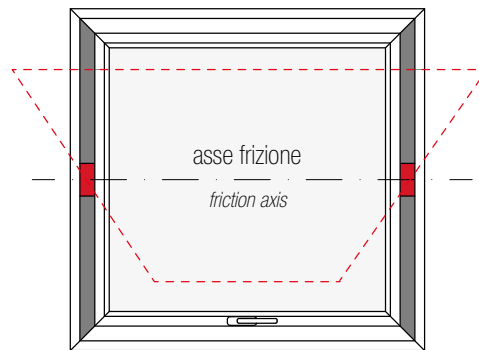
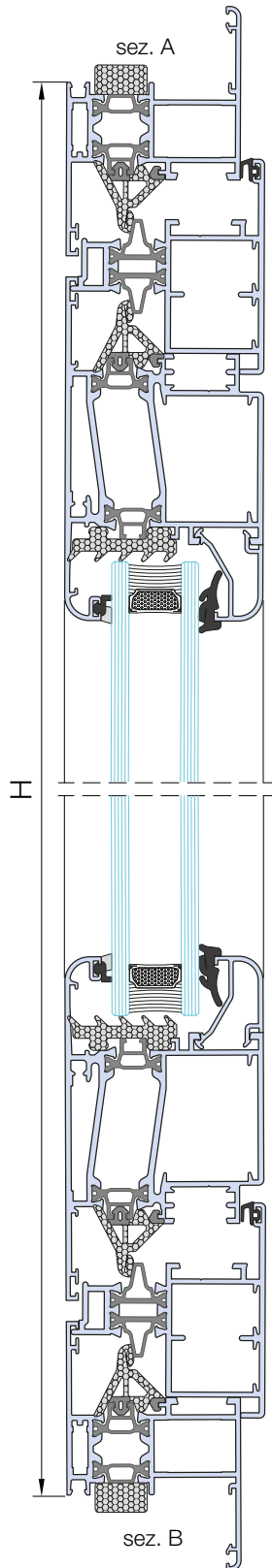
Machining of frame and horizontal pivot leaf to fit hinge ACP 5092 - capacity 175kg



46

Lavorazione inversione bilico orizzontale per applicazione cerniera ACP 5092 - portata 175kg

Machining of horizontal pivot reversal to fit hinge ACP 5092 - capacity 175kg



Inversione bilico

Riepilogo tagli:

traverso inferiore:

1 pezzo L - 44 (45° - 45°) Punta "B" - Punta "B"

traverso superiore:

1 pezzo L - 44 (45° - 45°) Punta "A" - Punta "A"

montante superiore:

2 pezzi (H - 44)/2 - 76 (45° - 90°) Punta "A"

montante inferiore:

2 pezzi (H - 44)/2 - 76 (45° - 90°) Punta "B"

Pivot reversal

Summary of cuts:

lower crosspiece:

1 piece L - 44 (45° - 45°) Point "B" - Point "B"

upper crosspiece:

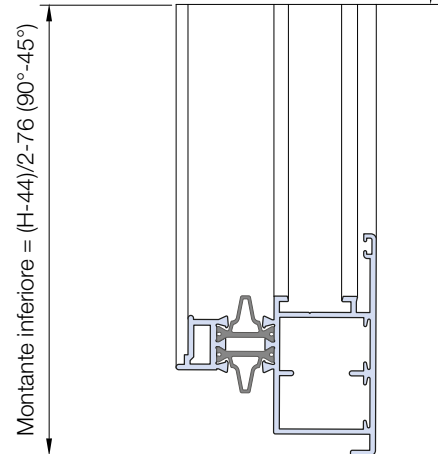
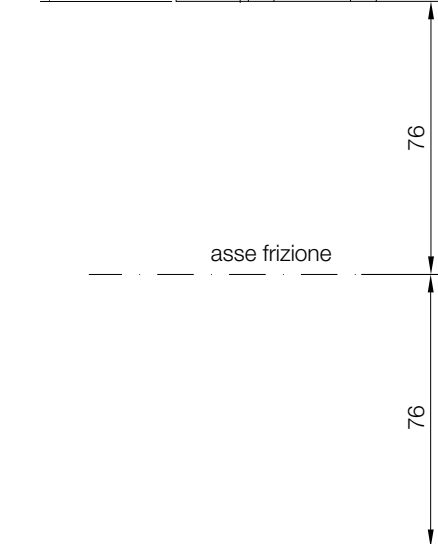
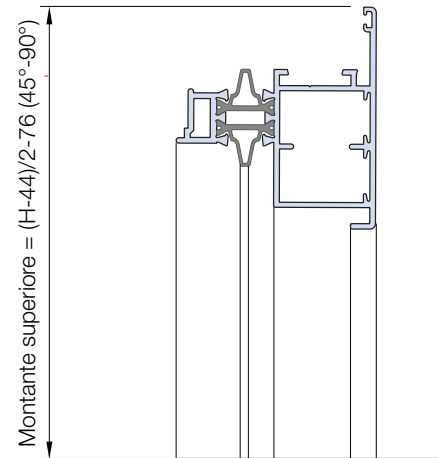
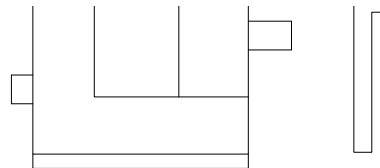
1 piece L - 44 (45° - 45°) Point "A" - Point "A"

upper jamb:

2 pieces (H - 44)/2 - 76 (45° - 90°) Point "A"

lower jamb:

2 pieces (H - 44)/2 - 76 (45° - 90°) Point "B"



Dopo aver effettuato il taglio dell'inversione TT 5120, utilizzare i tappi plastici di compenso ACP 50119 inserendoli nella frizione ACP 5092.

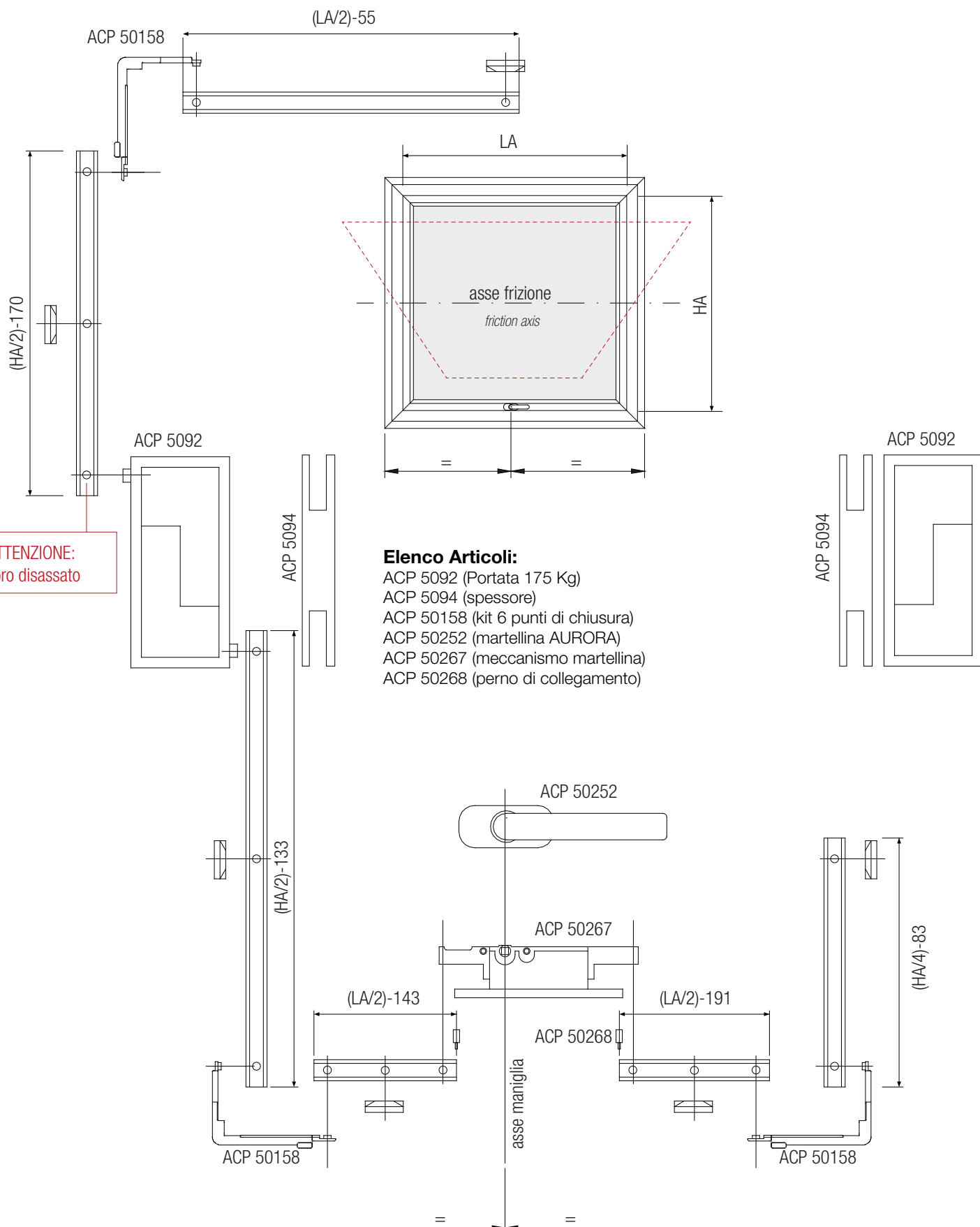
After cutting TT 5120, use plastic plugs ACP 50119

L'utilizzo dei tappi evita l'intestatura del profilo "inversione di battuta bilico", velocizzando il processo di realizzazione dell'infisso.
The use of plugs prevents the fabricator the butting profile "pivot window rabbet adapter", wich speeds up the implementation process of the frame.

47

Lavorazione taglio asta per applicazione kit ACP 50158, bilico orizzontale

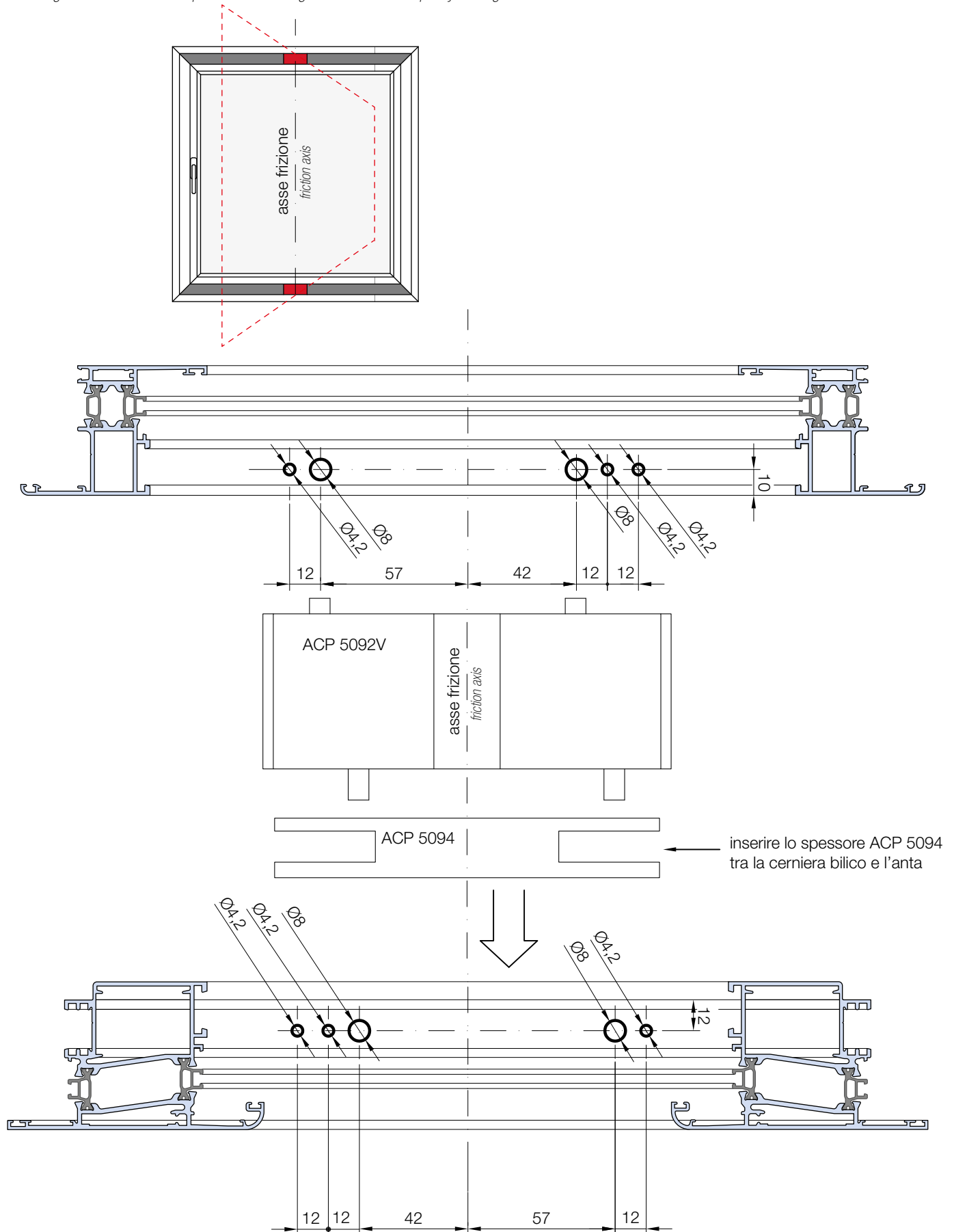
Working application ACP 50158, horizontal pivot window



48

Lavorazione telaio e anti bilico verticale per applicazione cerniera ACP 5092V - portata 175kg

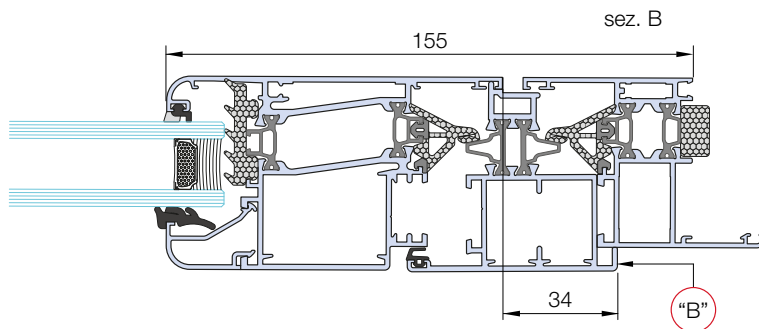
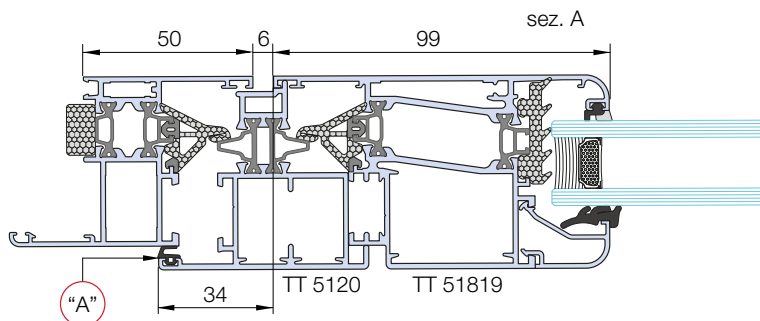
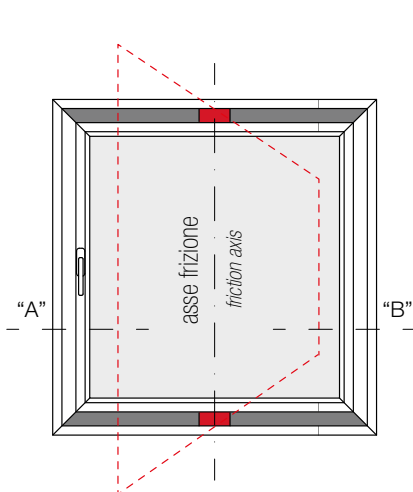
Machining of frame and vertical pivot leaf to fit hinge ACP 5092V - capacity 175kg



49

Lavorazione inversione bilico verticale per applicazione cerniera ACP 5092 - portata 175kg

Machining of vertical pivot reversal to fit hinge ACP 5092 - capacity 175kg



Inversione bilico TT 7120

Riepilogo tagli:

Altezza anta (H), Larghezza anta (L)

montante SX:

1 pezzo H - 44 (45° - 45°) Punta "A" - Punta "A"

montante DX:

1 pezzo H - 44 (45° - 45°) Punta "B" - Punta "B"

traversi DX:

2 pezzi (L - 44)/2 - 76 (45° - 90°) Punta "B"

traversi SX:

2 pezzi (L - 44)/2 - 76 (90° - 45°) Punta "A"

Pivot reversal TT 7120

Summary of cuts:

High leaf (H), Weight leaf (L)

left mullion:

1 piece H - 44 (45° - 45°) Point "A" - Point "A"

right mullion:

1 piece H - 44 (45° - 45°) Point "B" - Point "B"

right transom:

2 pieces (L - 44)/2 - 76 (45° - 90°) Point "B"

left transom:

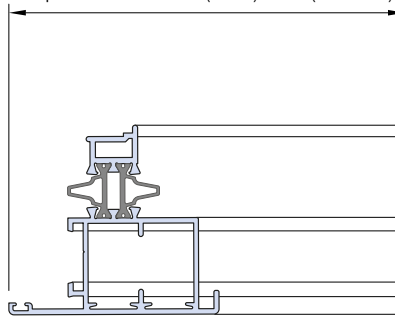
2 pieces (L - 44)/2 - 76 (90° - 45°) Point "A"



Dopo aver effettuato il taglio dell'inversione TT 5120, utilizzare i tappi plastici di compenso ACP 50119 inserendoli nella frizione ACP 5092.

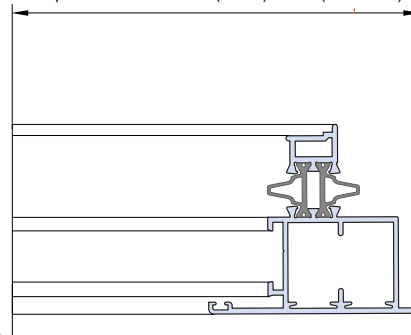
After cutting TT 5120, use plastic plugs ACP 50119

2 pezzi: traverso = (L-44)/2-76(45°-90°)



asse frizione

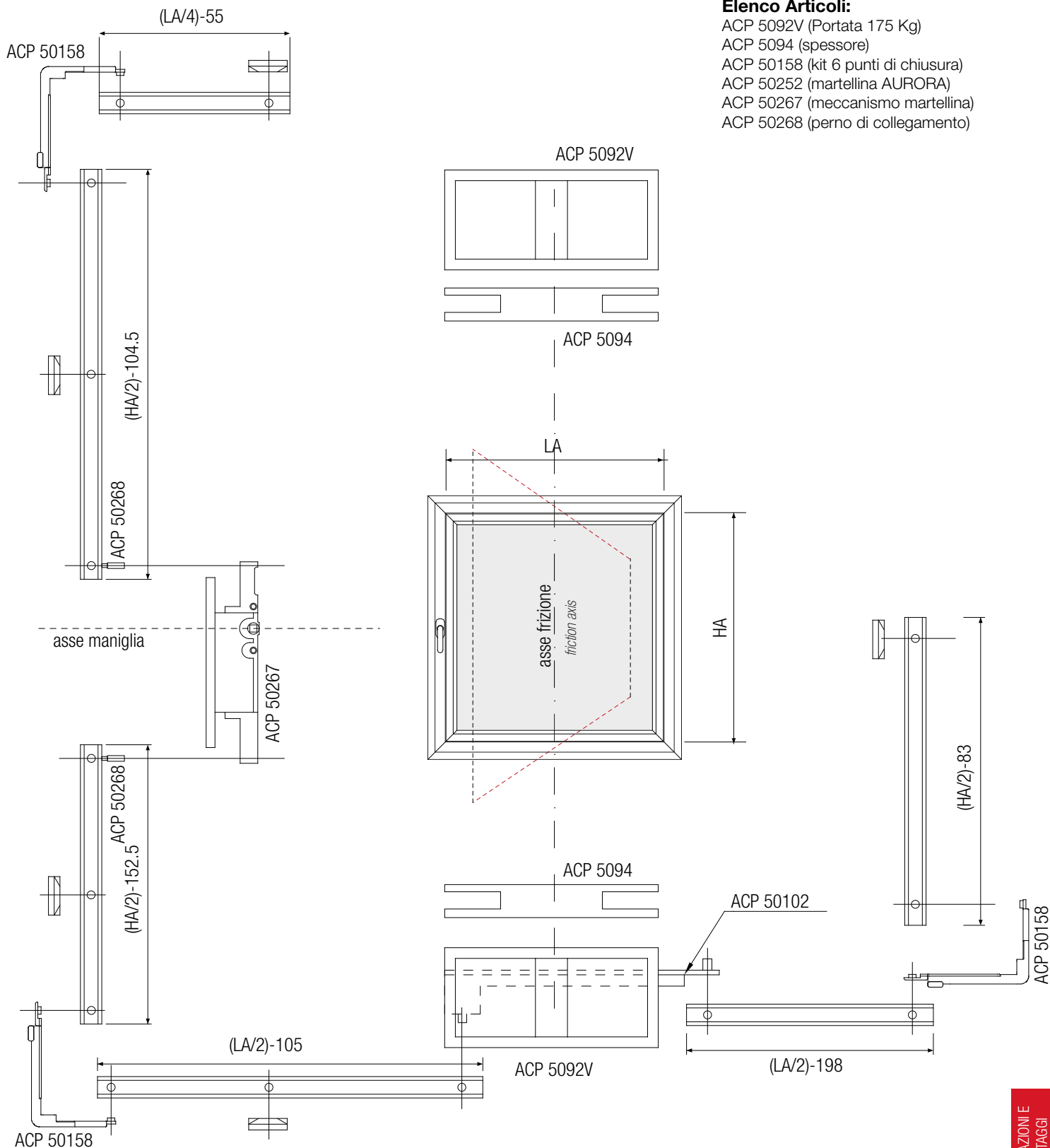
2 pezzi: traverso = (L-44)/2-76(90°-45°)



50

Lavorazione taglio asta per applicazione kit ACP 50158, bilico verticale

Working application ACP 50158, vertical pivot window



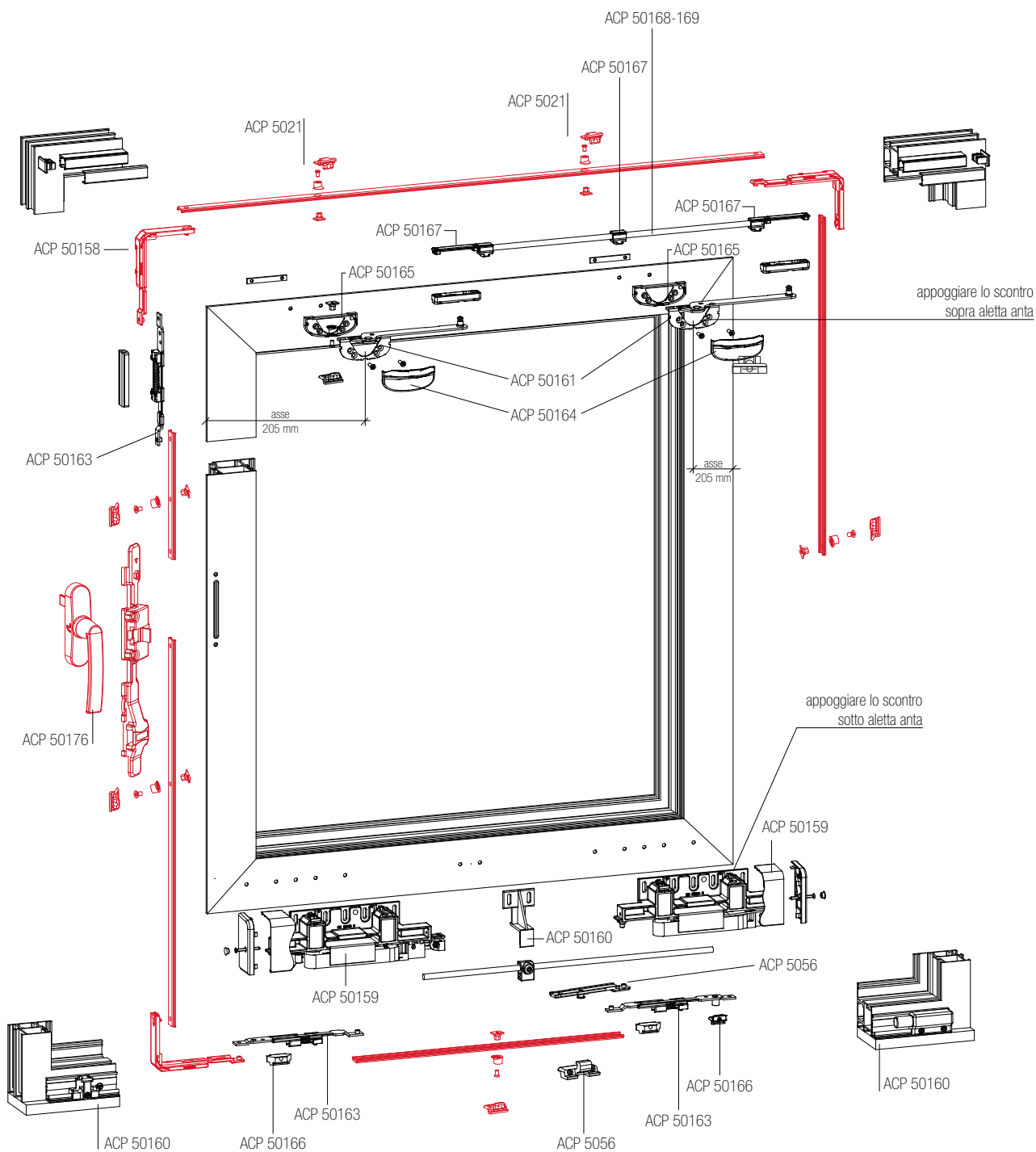
Elenco Articoli:

- ACP 5092V (Portata 175 Kg)
- ACP 5094 (spessore)
- ACP 50158 (kit 6 punti di chiusura)
- ACP 50252 (martellina AURORA)
- ACP 50267 (meccanismo martellina)
- ACP 50268 (perno di collegamento)

51

Istruzioni montaggio kit scorrevole parallelo

Application parallel slide



52

Istruzioni funzionamento kit scorrevole parallelo

Application parallel slide

Per uso in manuale

ACP 50159, ACP 50160, ACP 50161, ACP 50164, ACP 50165

ferramenta battente monodirezionale (ACP 50158, ACP 50176) con doppi incontri sul traverso inferiore

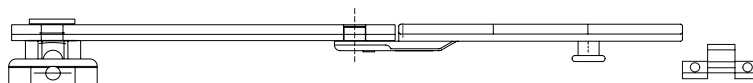
Manual use

ACP 50159, ACP 50160, ACP 50161, ACP 50164, ACP 50165

monodirectional casement fittings (ACP 50158, ACP 50176) with dual keeper

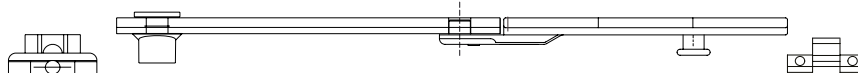
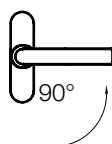
CHIUSA

Closed



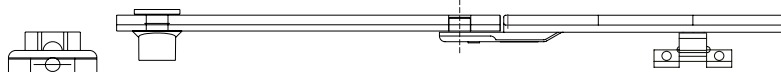
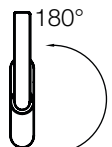
SCORREVOLE

Slide



RIBALTA

Tilt and turn



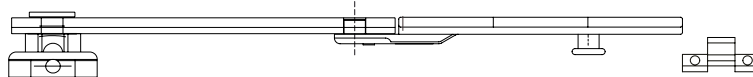
Per uso in semi-automatico

come manuale con l'aggiunta di ACP 50163 e ACP 50166

Semi-automatic as manual with the addition of ACP 50163 and ACP 50166

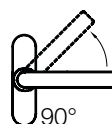
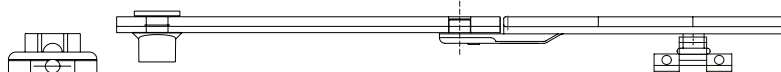
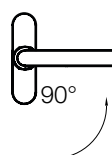
CHIUSA

Closed



RIBALTA

Tilt and turn



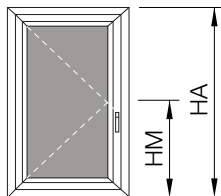
Dando un colpo verso l'alto vado in posizione scorrevole ma la maniglia torna in posizione orizzontale per permettere l'aggancio in ribalta autonomamente

Giving a shot to the top go to the slide position but the handle back to a horizontal position to allow hooking automatically in tilt and turn

53

Lavorazione per applicazione martellina su profili apertura esterna

Machining to fit the window handle on open-out profiles



Inversione bilico TT 5120

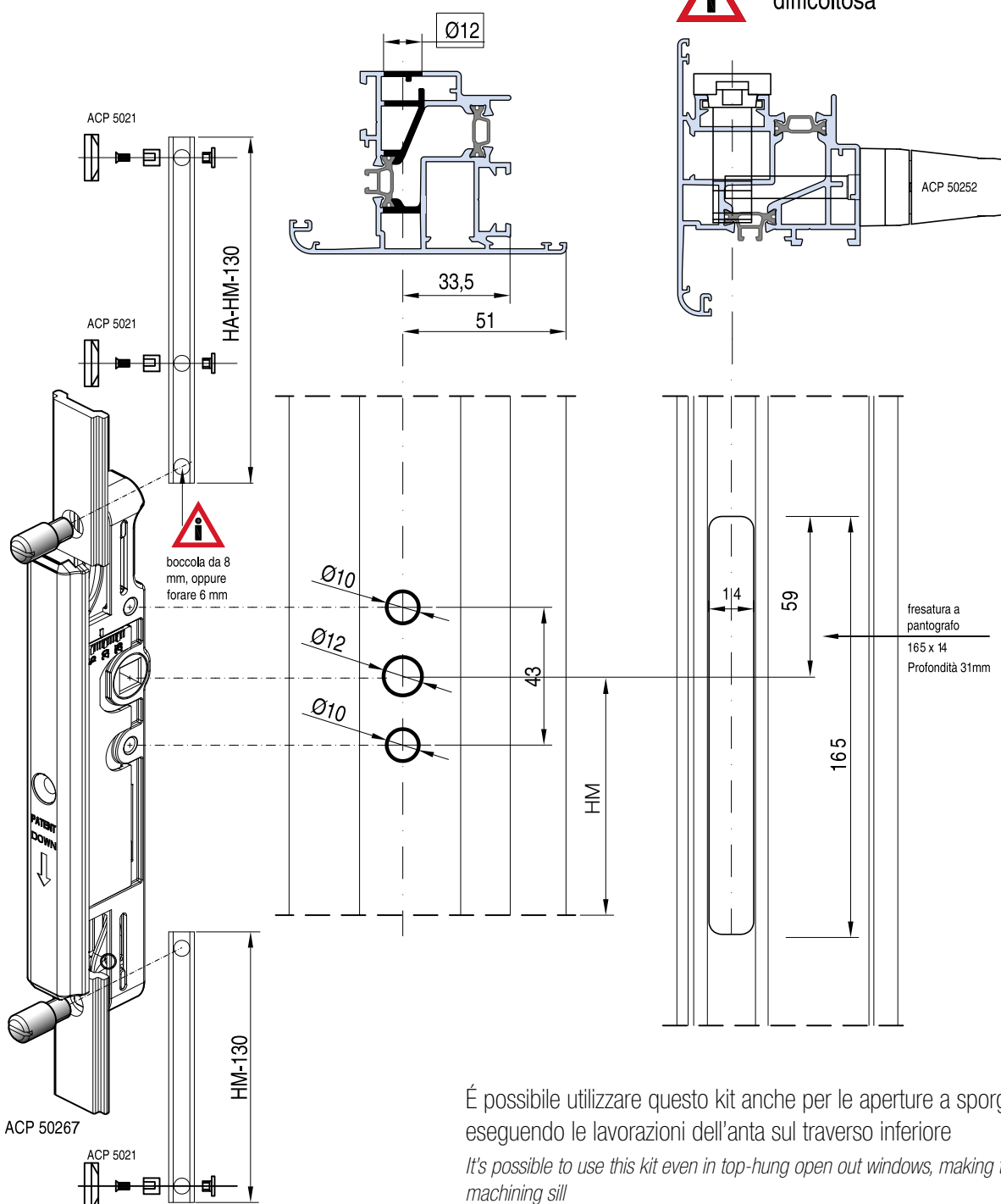
Riepilogo tagli:

- ACP 50267 (Comando martellina) pz 1
- ACP 50252 (Martellina) pz 1
- ACP 5021 (Chiusure) pz 3
- ACP 50268 (Perno di collegamento) pz 2

Attenzione : lavorazione



martellina
difficoltosa



É possibile utilizzare questo kit anche per le aperture a sporgere eseguendo le lavorazioni dell'anta sul traverso inferiore

It's possible to use this kit even in top-hung open out windows, making the machining sill

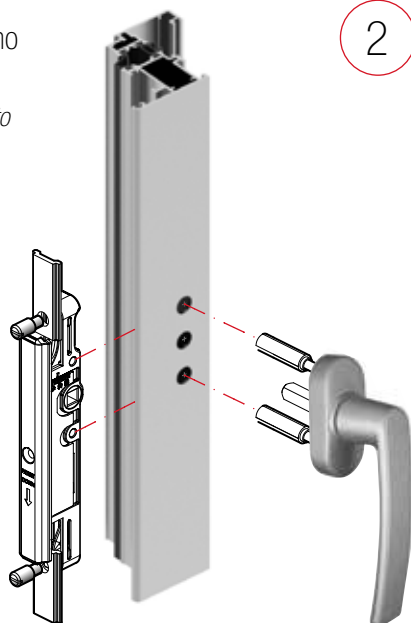
54

Applicazione martellina ACP 50252

ACP 50252 application

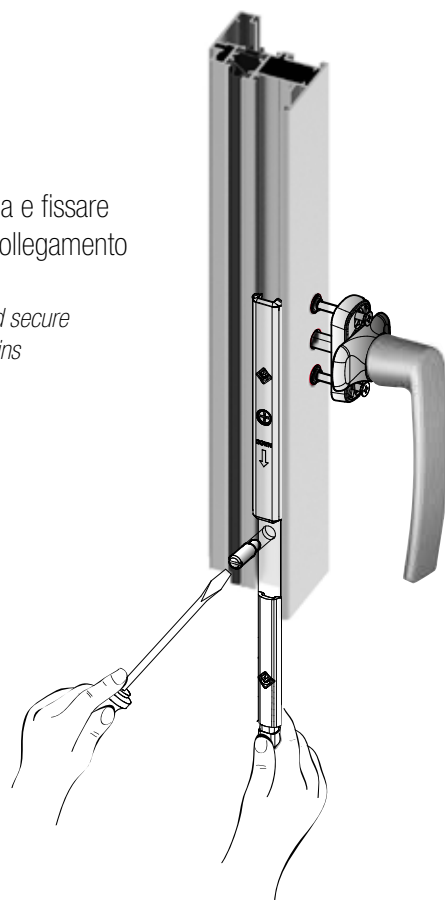
1 Inserire il meccanismo
nell'apposita sede

*Insert the mechanism into
its seat*



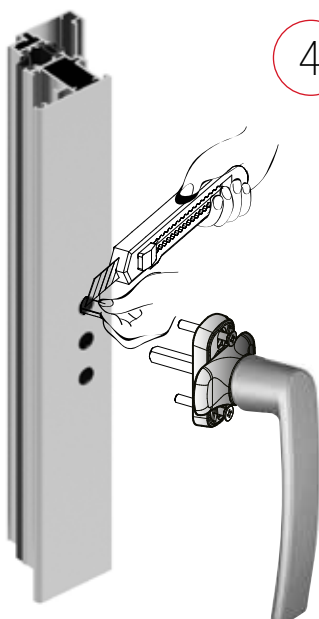
2 Abbinare l'astina e fissare
con i perni di collegamento

*Match the rod and secure
with connecting pins*



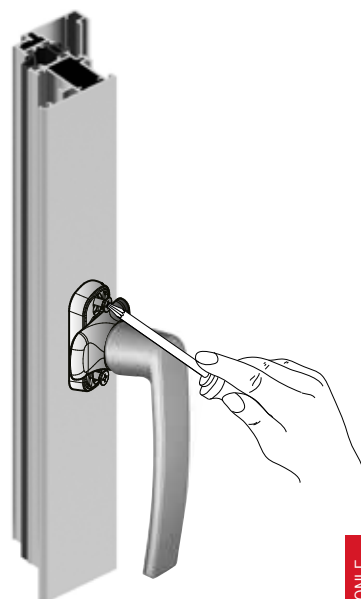
3 Tagliare a misura
i distanziali plastici

*Cut to size plastic
spacers*



4 Fissare la martellina
con le apposite viti

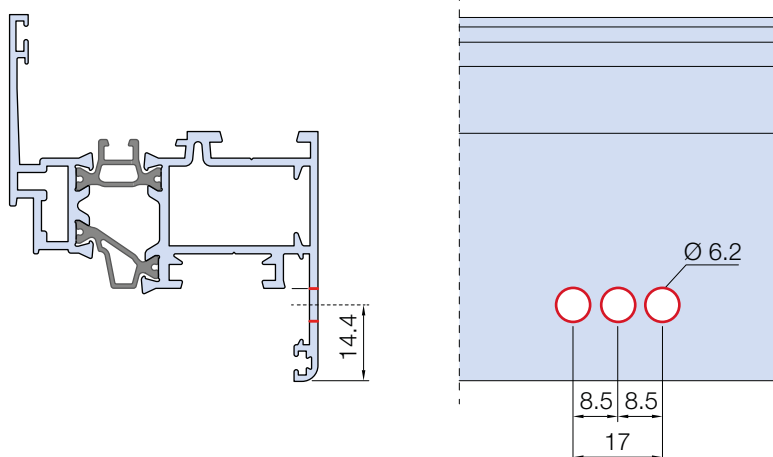
*Fix the handle with
its screws*



55

Applicazione EXENS ACP 50314

EXENS ACP 50314 application



1

Realizzare fori come indicato in rosso

Making holes as shown

2

Inserire il piastrino all'interno del meccanismo

Insert plate inside the mechanism

3

Inserire il meccanismo nella cava ferramenta dell'anta

Insert mechanism in the hardware quarry of the left

4

Agganciare l'astina all'estremità del meccanismo tramite i perni

Attached rod at the end of the mechanism through pins

5

Inserire la EXENS attraverso i 3 fori nel meccanismo e serrare il tutto con i 2 grani inclusi nella confezione

Insert EXENS into the mechanism and fixed with 2 grubs screw

56


Montaggio SECRET anta a ribalta

Assembly tilt & turn system, SECRET serie

PESO MASSIMO DELL'ANTA (ALLUMINIO E VETRO)

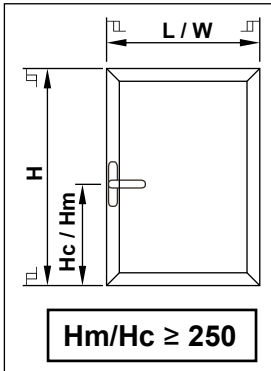
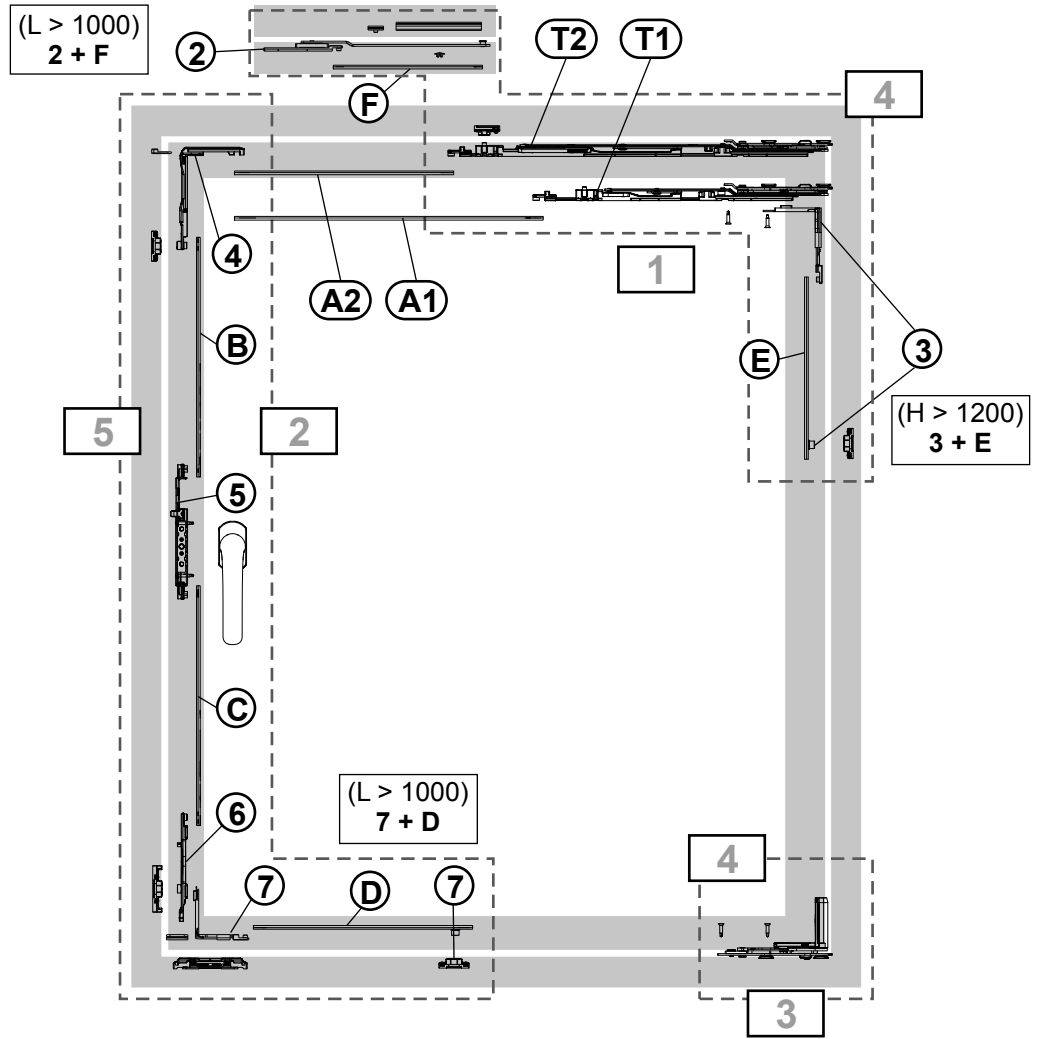
Maximum wing weight (aluminium and glass)

Altezza anta (mm) Wing height (mm)	2500	100	100	100	100	100	100	100	100	100	100	100
	2400	100	100	100	100	100	100	100	100	100	100	100
	2300	100	100	100	100	100	100	100	100	100	100	100
	2200	100	100	100	100	100	100	100	100	100	100	100
	2100	100	100	100	100	100	100	100	100	100	100	100
	2000	100	100	100	100	100	100	100	100	100	100	100
	1900	100	100	100	100	100	100	100	100	100	100	100
	1800	100	100	100	100	100	100	100	100	100	100	100
	1700	100	100	100	100	100	100	100	100	100	100	98
	1600	100	100	100	100	100	100	100	100	100	99	92
	1500	100	100	100	100	100	100	100	100	100	93	87
	1400	100	100	100	100	100	100	100	100	93	87	81
	1300	100	100	100	100	100	100	100	94	87	80	75
1200	100	100	100	100	100	100	95	87	80	74	69	
1100	100	100	100	100	100	95	87	79	73	68		
1000	100	100	100	100	96	87	79	72	67			
900	100	100	100	98	87	78	71	65				
800	100	100	99	87	77	69	63					
700	100	100	87	76	67	61						
600	445	500	600	700	800	900	1000	1100	1200	1300	1400	1500
	Larghezza anta (mm) Wing width (mm)											

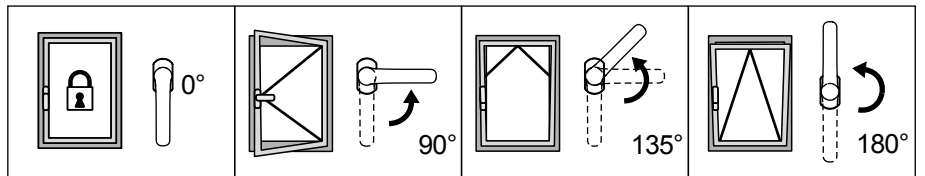
 Non realizzabile
Not possible

Le portate e il perfetto funzionamento dell'accessorio vengono garantiti solo se non vi sono impedimenti nella movimentazione dell'anta che forzino in modo anomalo le cerniere (ad esempio spillature, tappi od altri elementi di arresto).

The capacities and correct functioning of the accessory are only guaranteed if there are no obstacles preventing movement of the wing which force the hinges excessively (such as protrusions, stoppers or other stop elements)



T2 Micro				
T1 Micro				
T1				
	445	470	600	700
	L/W			



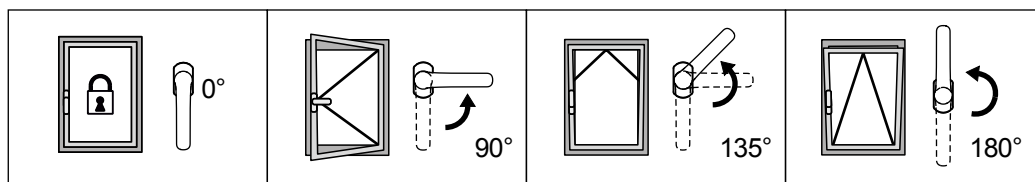
2500	A1	B	E	A1=L-415 B=H-Hc-207 C=Hc-207 E=H/2-69	A1	B	E	A1=L-415 B=H-Hc-207 C=Hc-207 E=H/2-69	A2	B	E	A2=L-538 B=H-Hc-207 C=Hc-207 E=H/2-69	F	B	E	F=L-633 B=H-Hc-207 C=Hc-207 D=L/2-69 E=H/2-69
		C		C			C			C		D				
1200	A1	B		A1=L-415 B=H-Hc-207 C=Hc-207	A1	B		A1=L-415 B=H-Hc-207 C=Hc-207	A2	B		A2=L-538 B=H-Hc-207 C=Hc-207	F	B		F=L-633 B=H-Hc-207 C=Hc-207 D=L/2-69
		C		C			C			C		D				
600	T1				T1 Micro				T2 Micro				T2 Micro			
		445	470	470		700	600	1000		1001	1500					

Sotto i 470mm non si può montare la microventilazione

It's not possible to use microventilation for < 470mm

Oltre i 1000mm occorre il braccio supplementare

Usage additional arm for >1000m



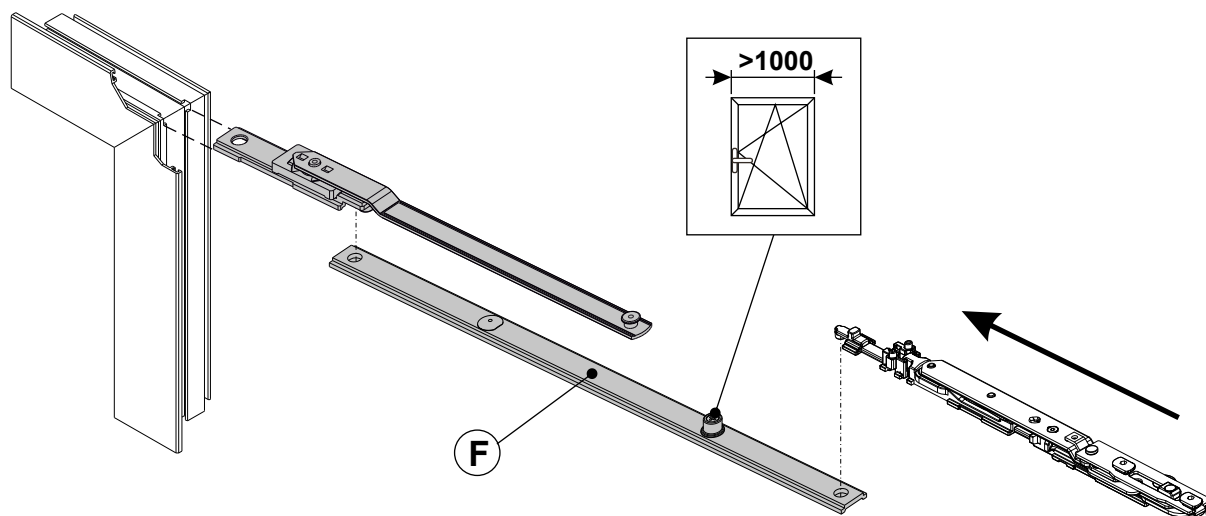
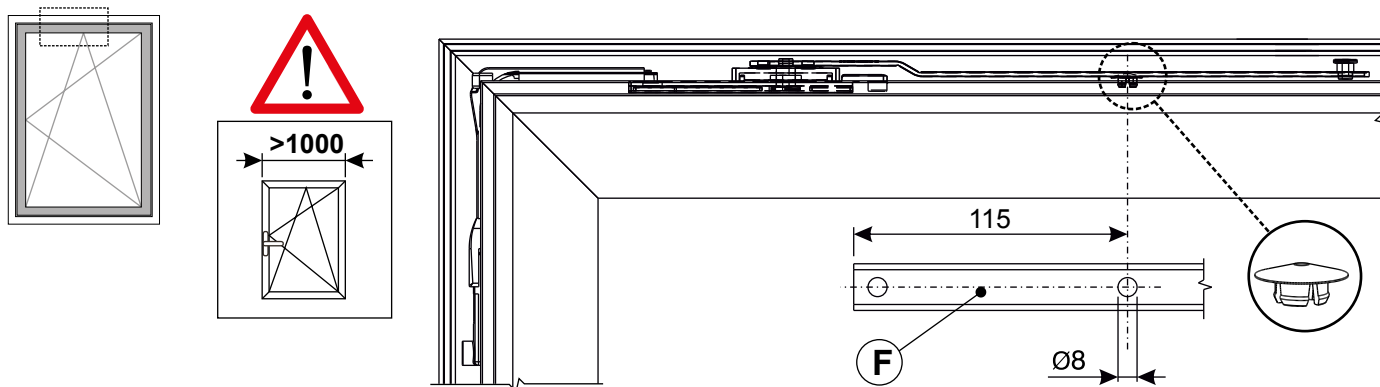
CHIUSA
Closed window

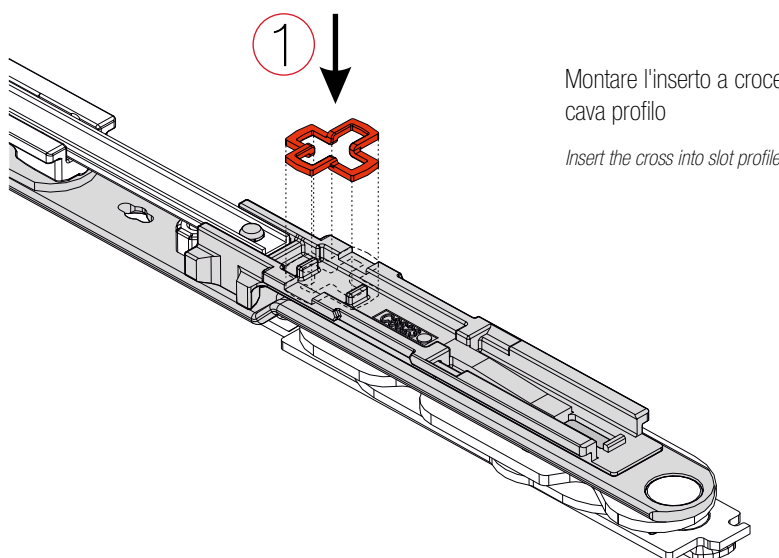
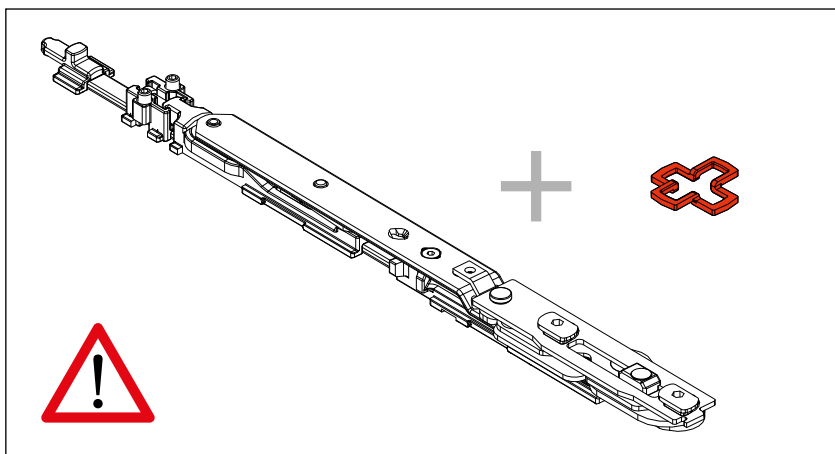
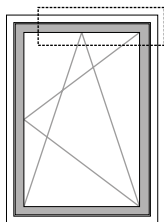
BATTENTE
Casement window

MICRO VENTILAZIONE
Microventilation

ANTA A RIBALTA
Tilt & Turn window

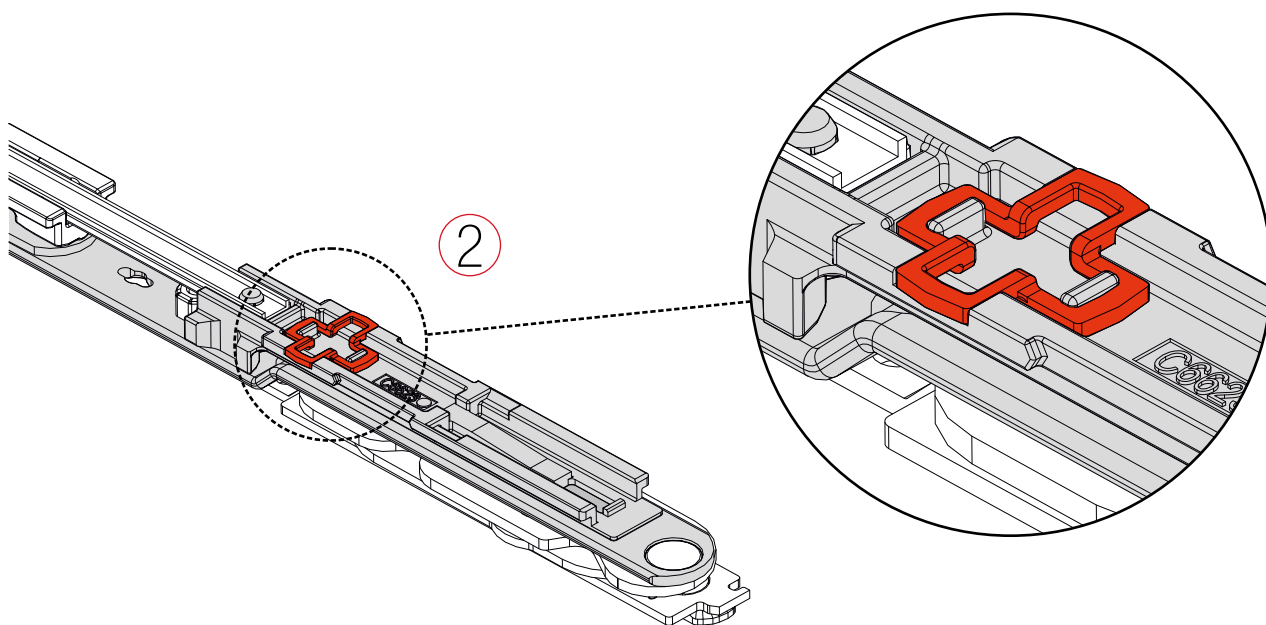
Montaggio del braccio supplementare ACP 5153 per aperture superiori a 1000mm
Usage additional arm ACP 5153 for >1000m

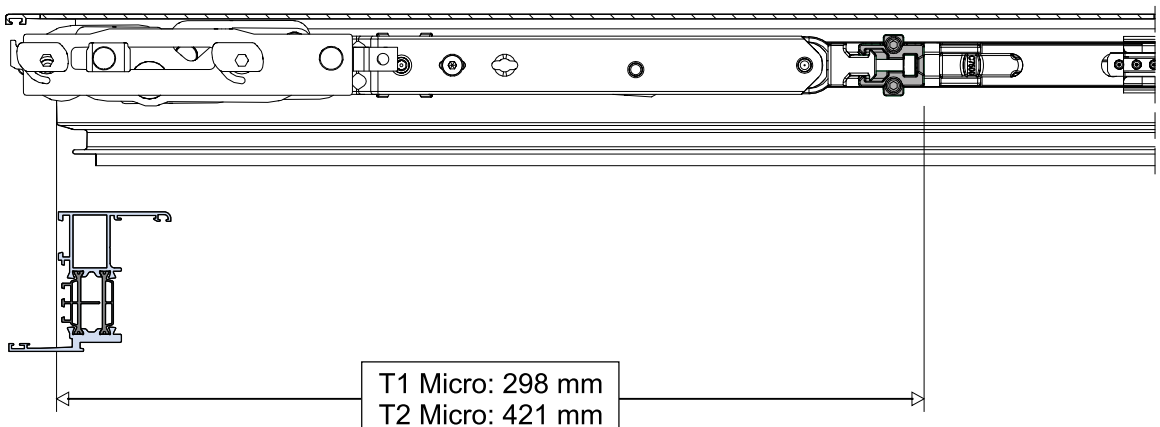
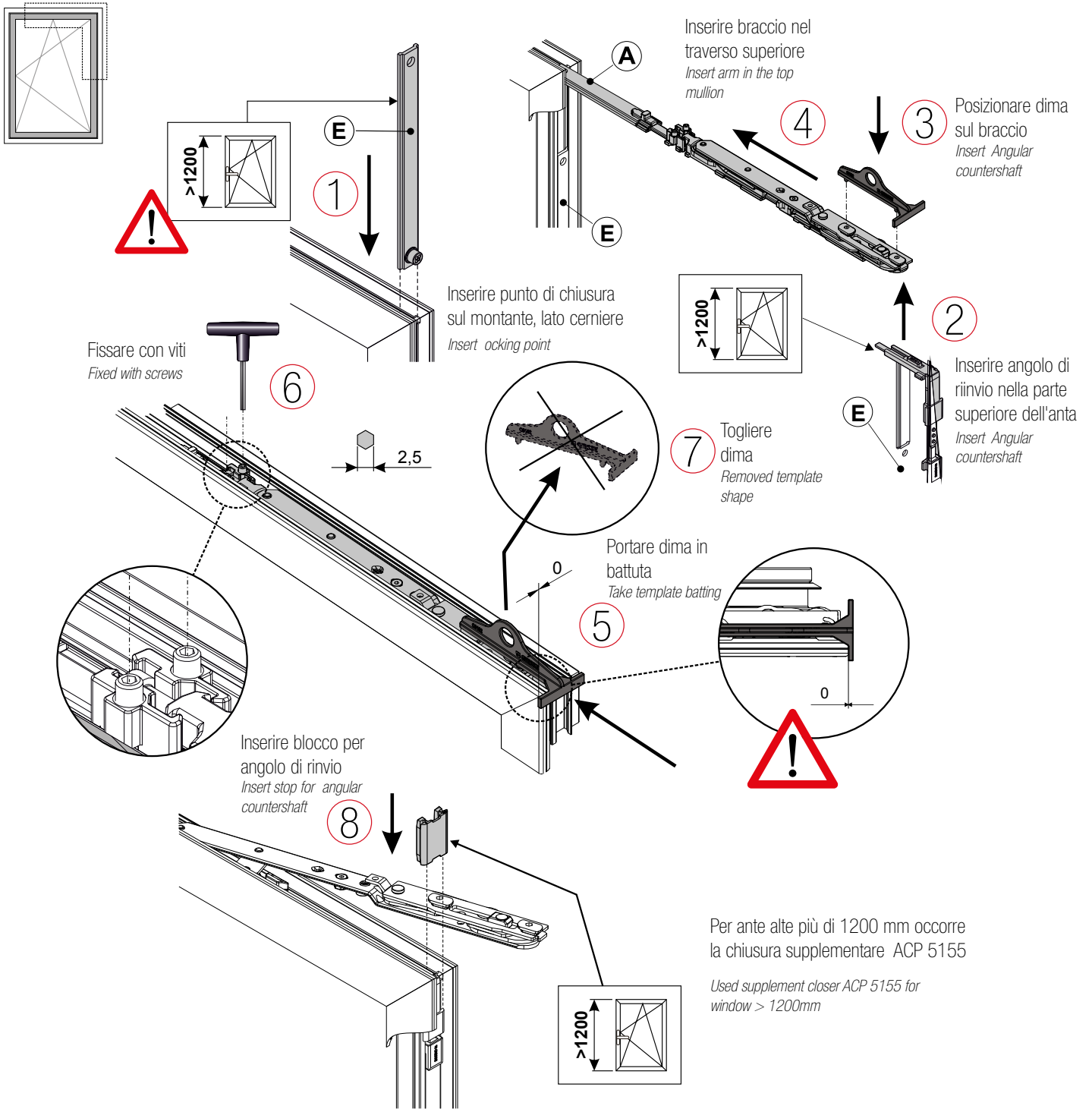




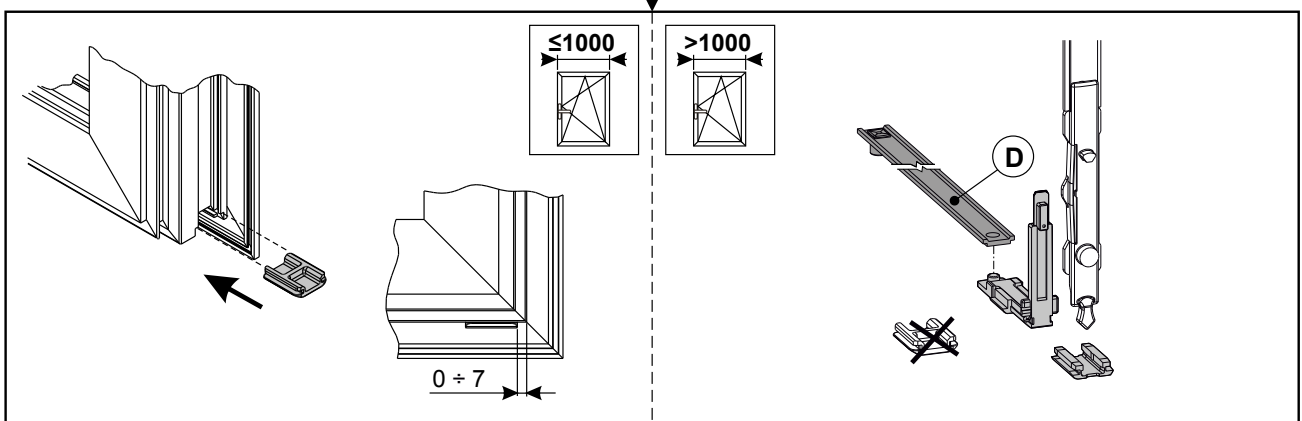
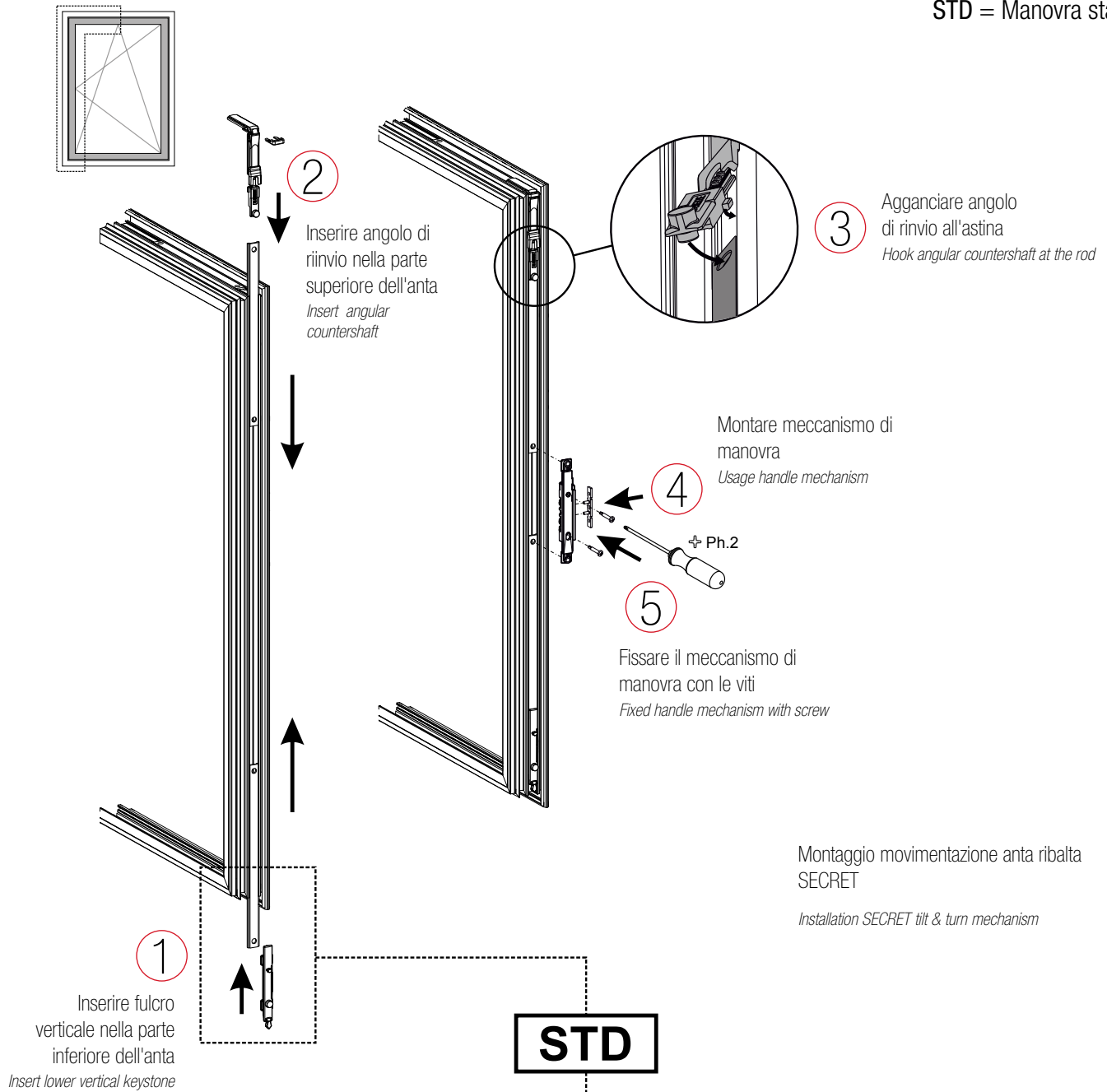
Montare l'inserto a croce prima di inserire il braccio per eliminare i giochi con la cava profilo

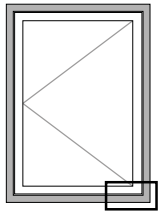
Insert the cross into slot profile



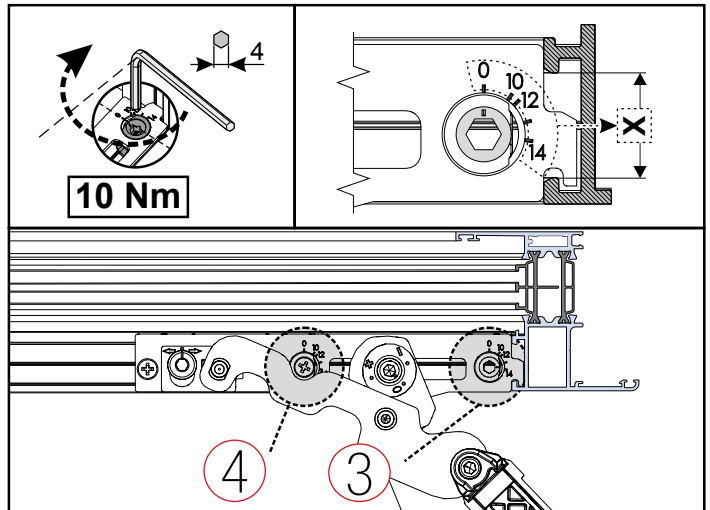
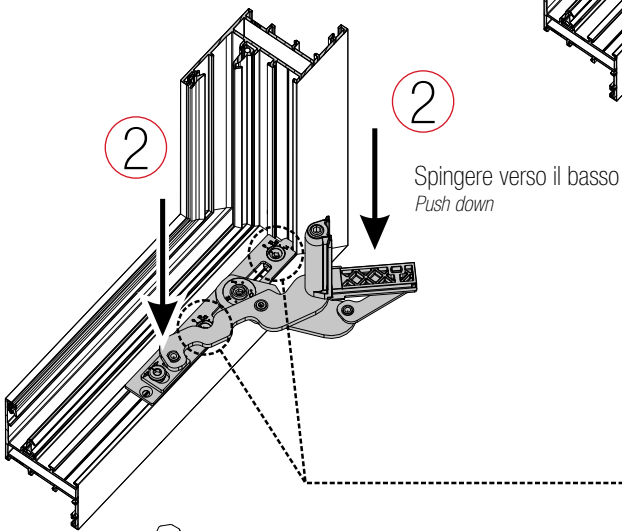
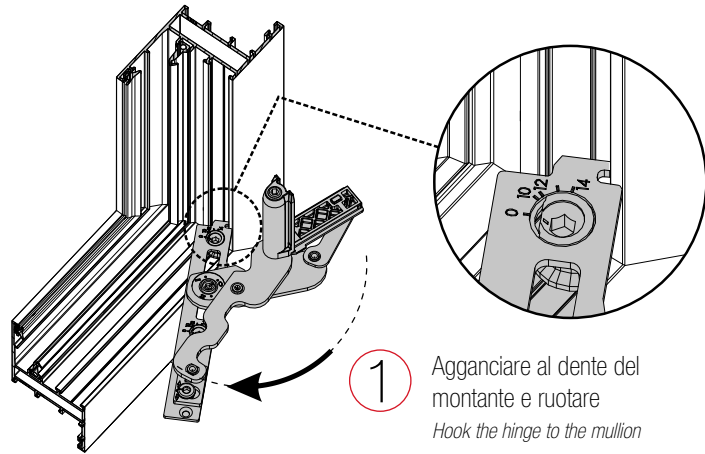


STD = Manovra standa

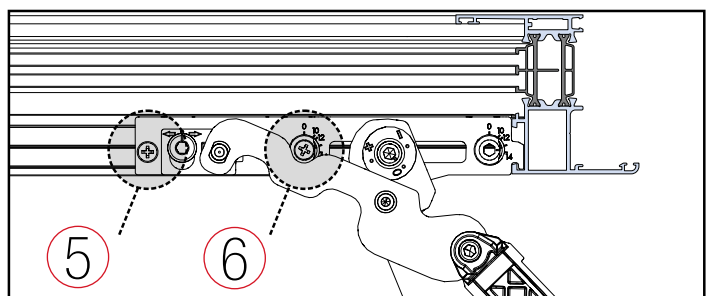
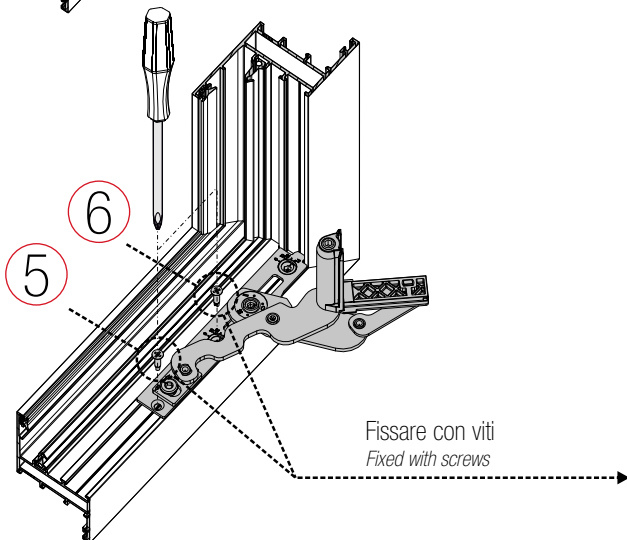




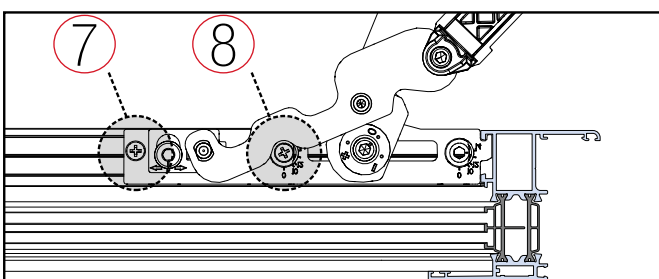
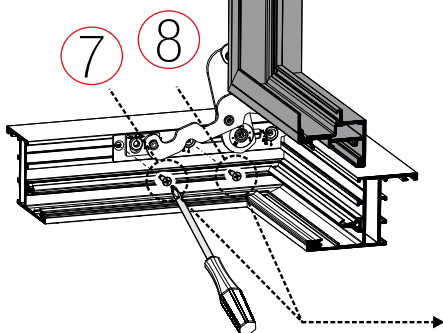
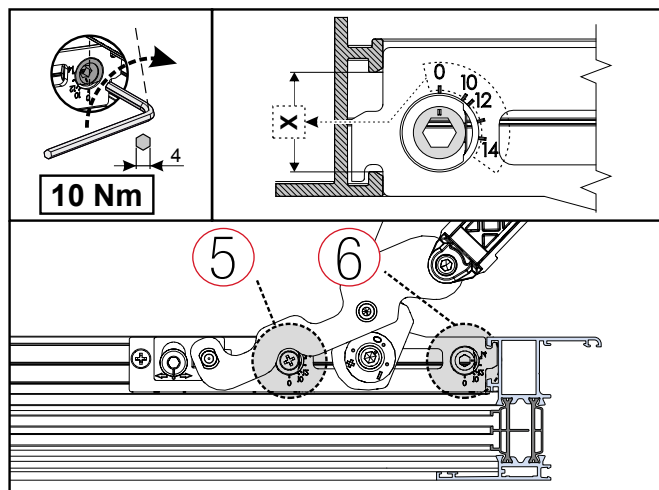
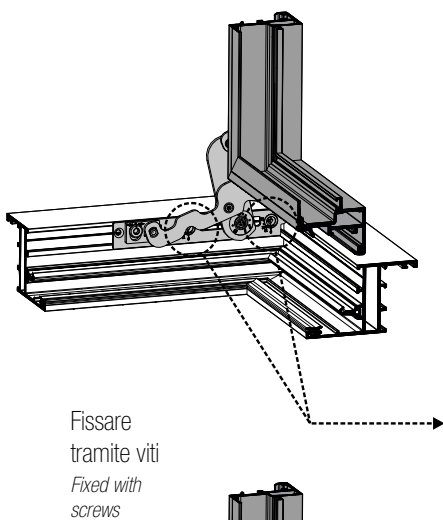
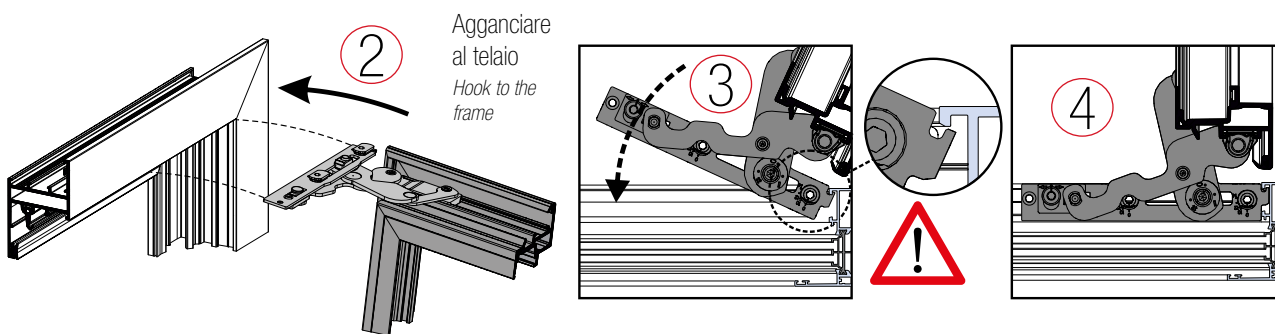
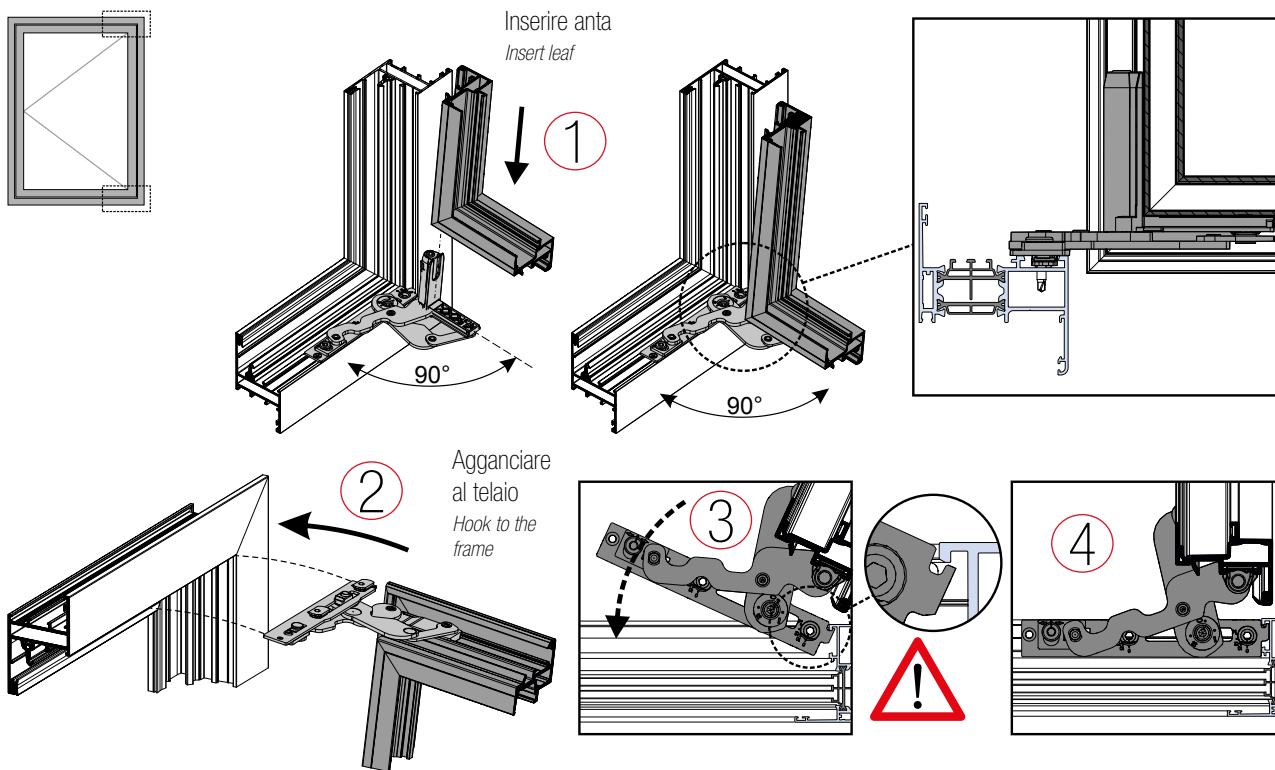
Montaggio cerniera SECRET
Installation SECRET hinge



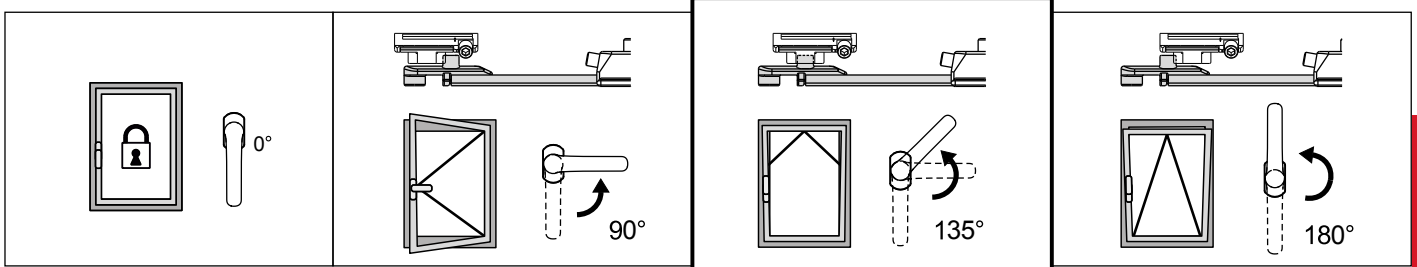
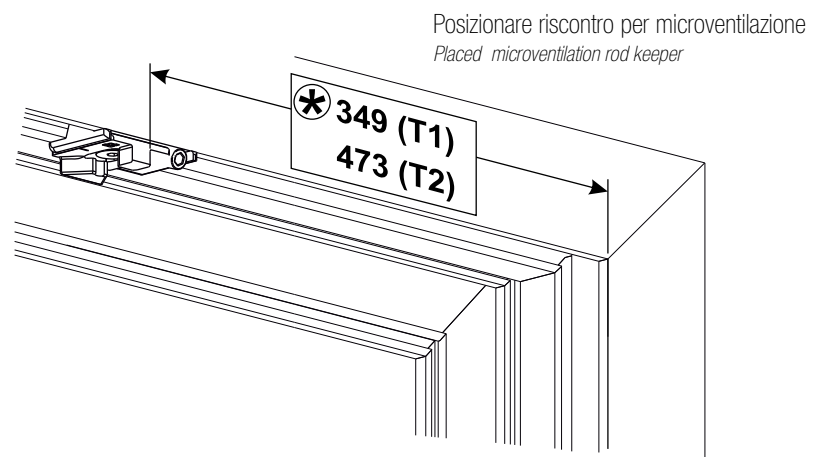
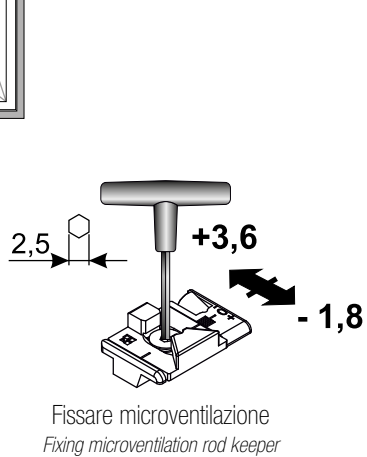
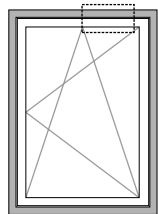
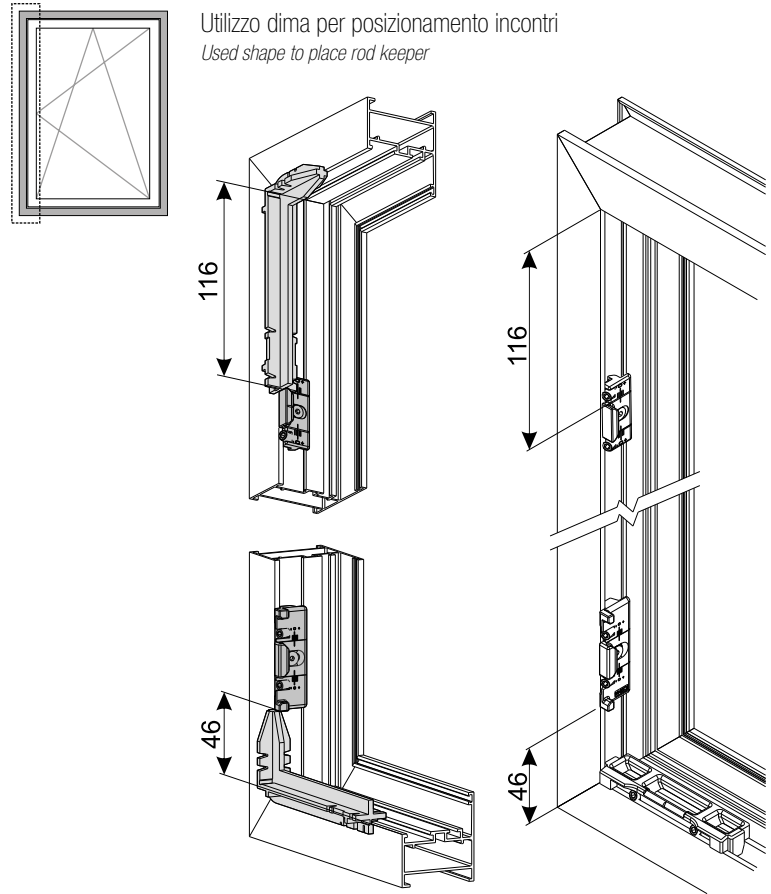
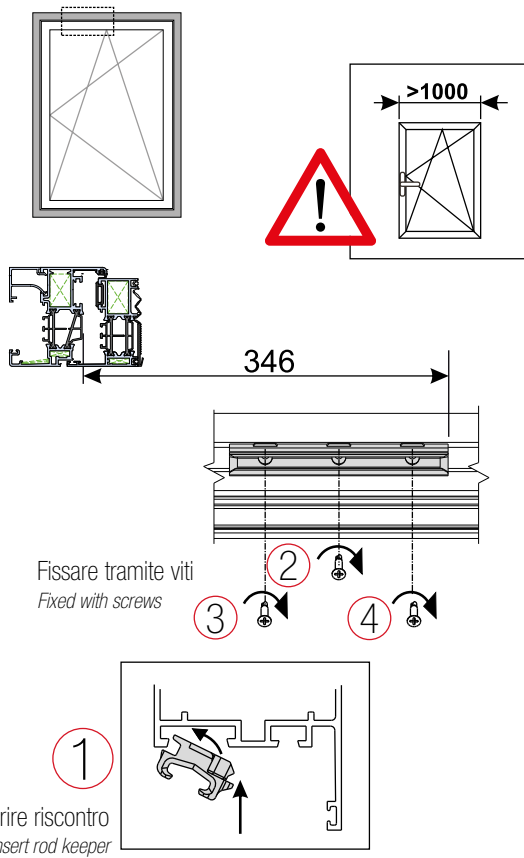
Girare Cam
Screwed Cam

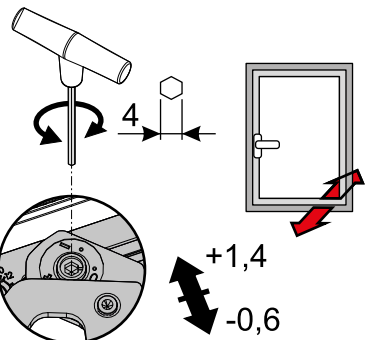
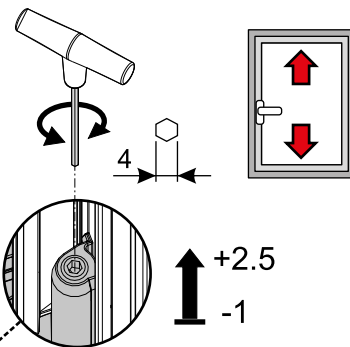
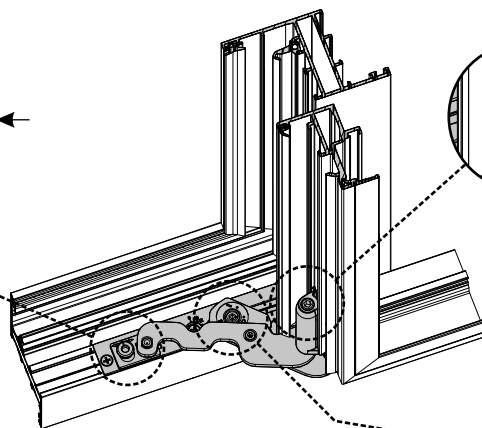
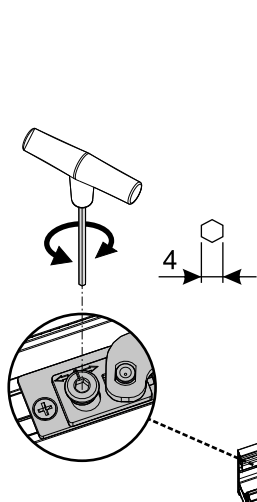
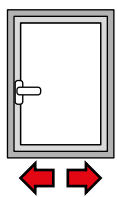
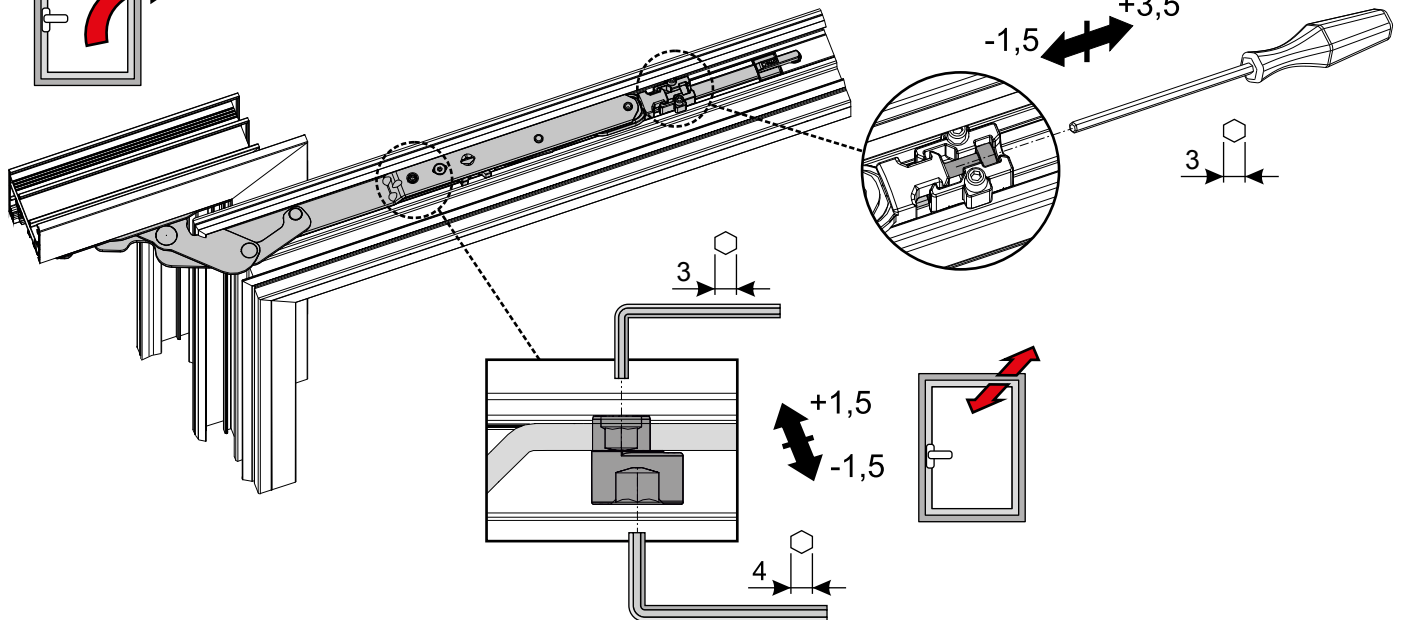
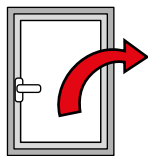
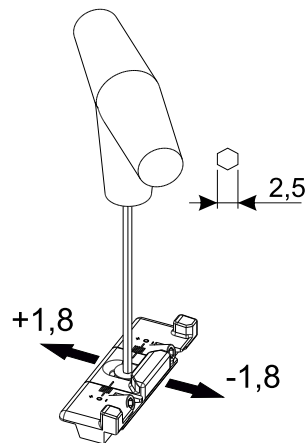
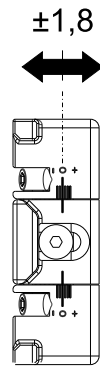
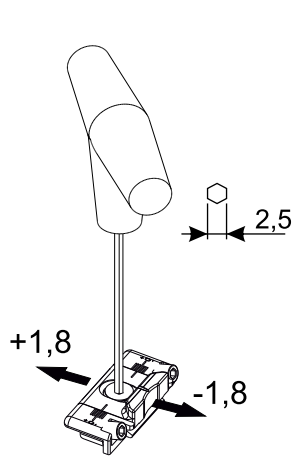
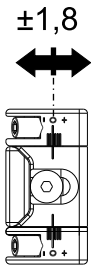
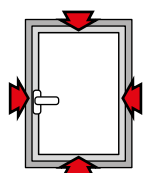


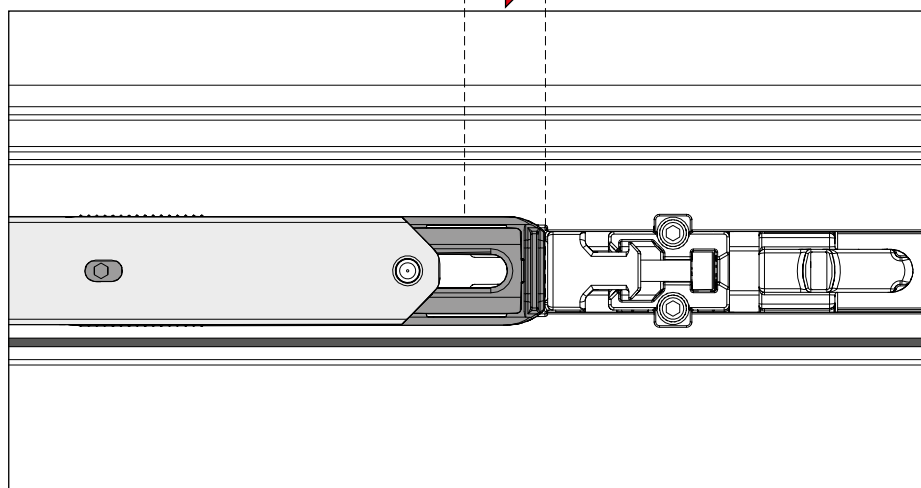
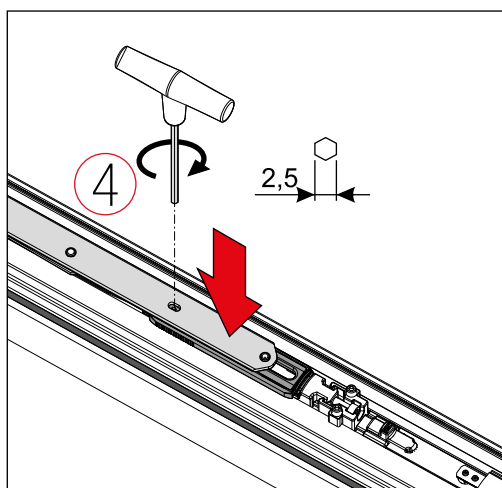
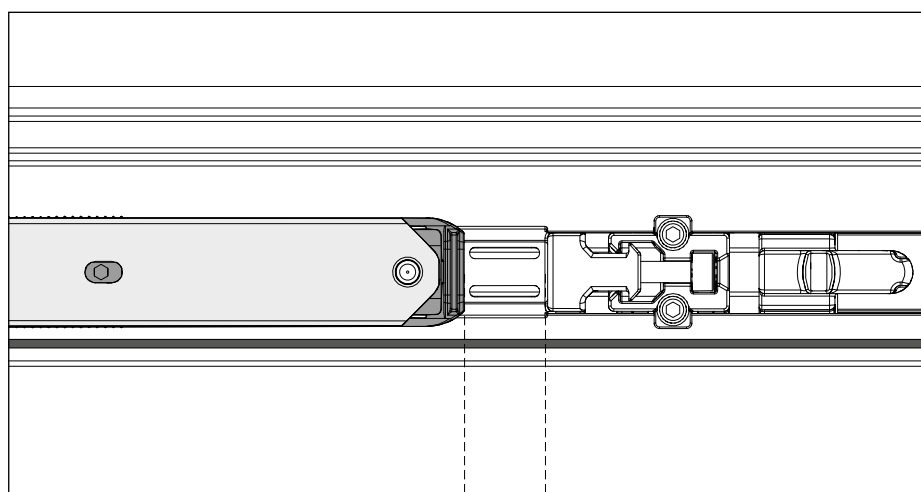
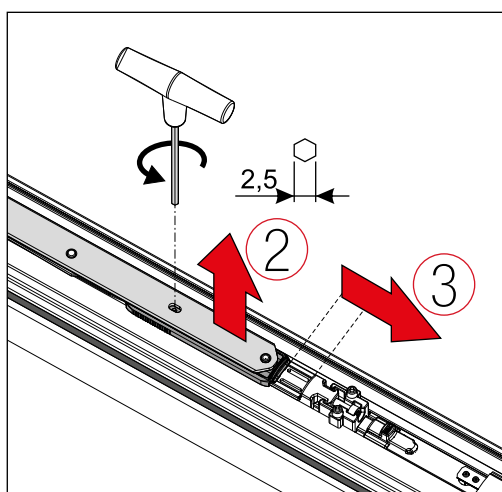
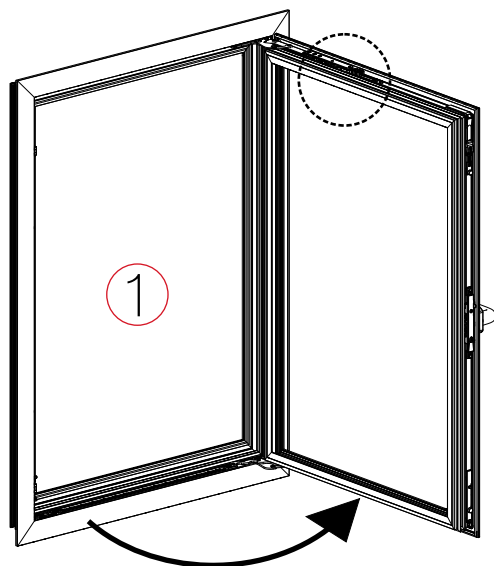
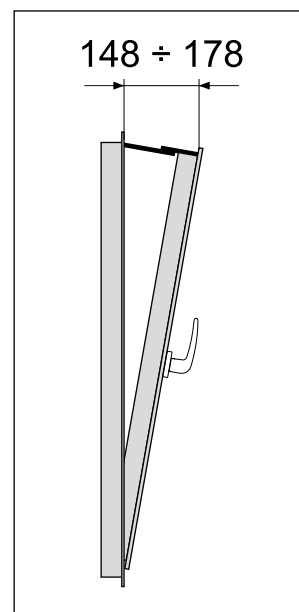
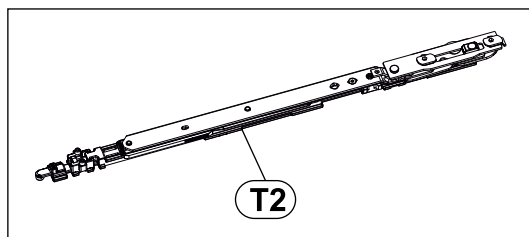
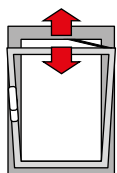
Stringere le viti
Tighten screws



Stringere le viti
Tighten screws



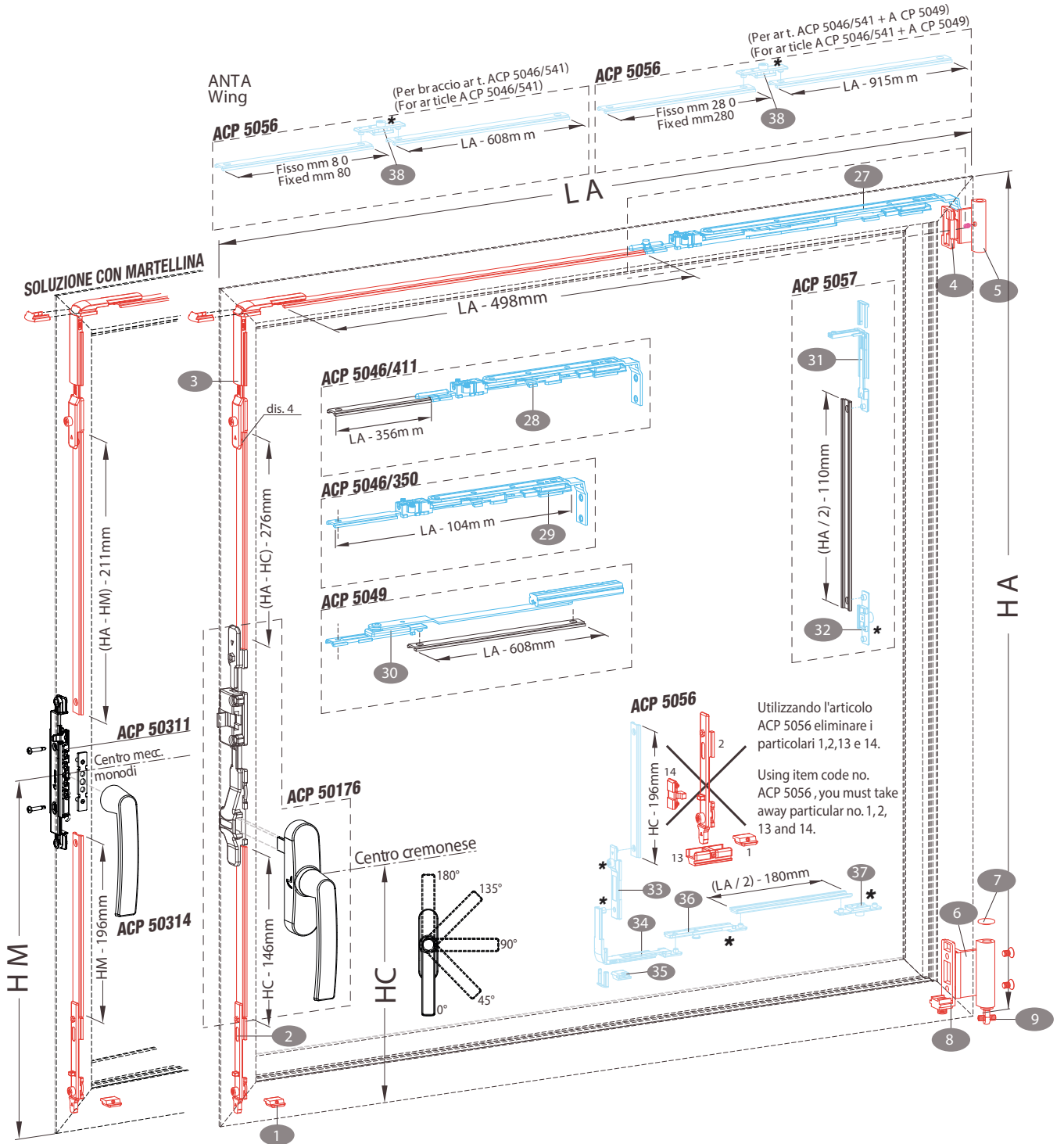


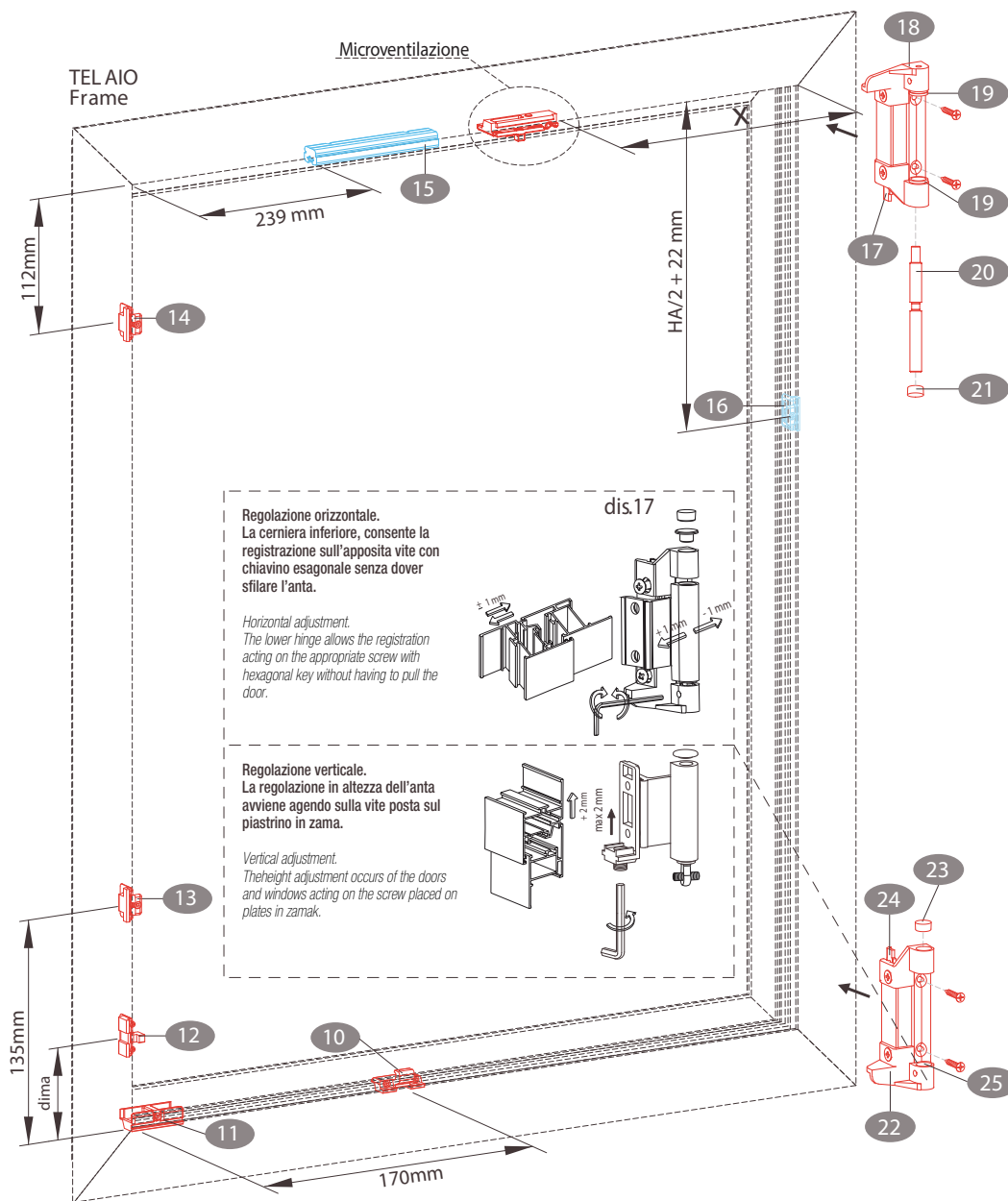


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Montaggio anta ribalta Standard Line

Assembly tilt & turn system, Standard Line

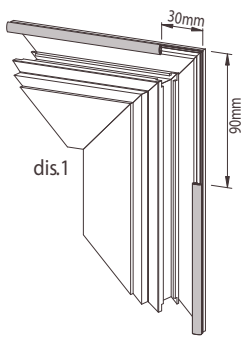




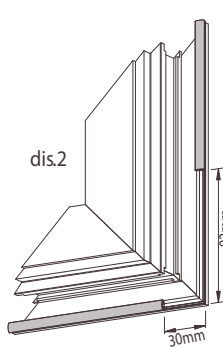
ACCESSORIO	X
ACP 5046/541	437mm
ACP 5046/411	294mm

La posizione della microventilazione è suscettibile di variazioni in base alla regolazione del braccio

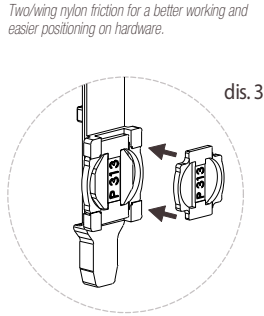
Taglio guarnizione cerniera superiore
Upper hinge seal cutting



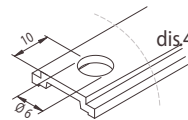
Taglio guarnizione cerniera inferiore
Lower hinge seal cutting



Molla di frizione in nylon a due alette per un miglior funzionamento e facilità di posa sulla ferramenta.
Two-wing nylon friction for a better working and easier positioning on hardware.



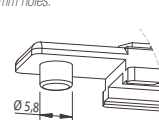
Foro astina
Rod hole



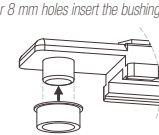
Per interasse foro astine inferiore a mm 11, aumentare le quote delle formule taglio astine pari alla differenza moltiplicato per due.

For cent distances with rod hole inferior to 11 mm increase the dimensions of the formulas for cut rods equal to the difference multiplied by two.

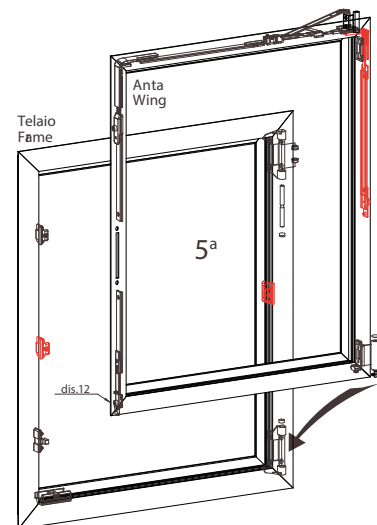
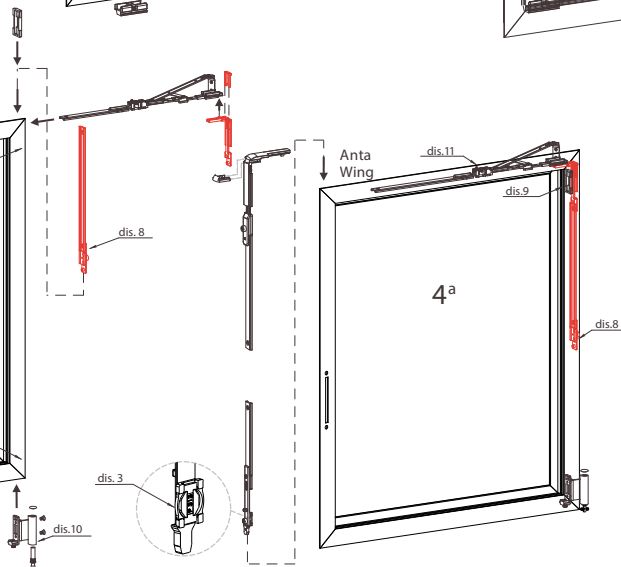
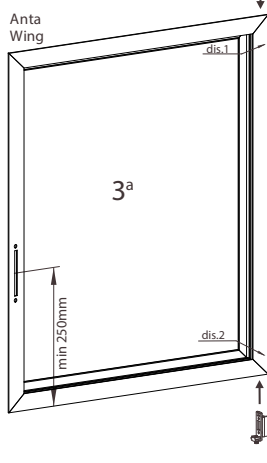
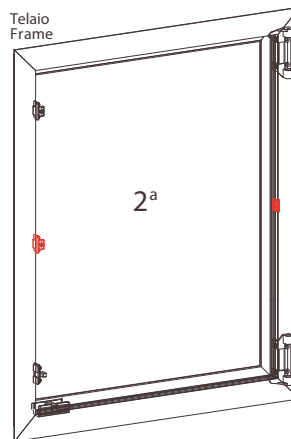
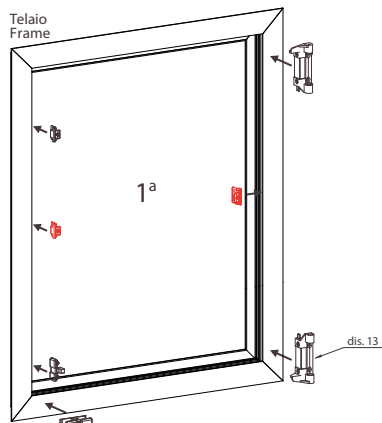
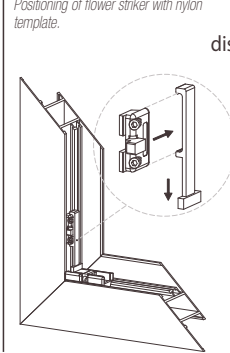
Gli agganci astina sono predisposti per fori da mm 6.
The rod couplings are pre-arranged for 6 mm holes.



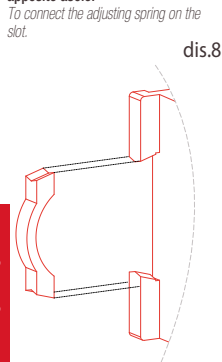
Per fori da mm 8 inserire la boccolla in dotazione
For 8 mm holes insert the bushing provided



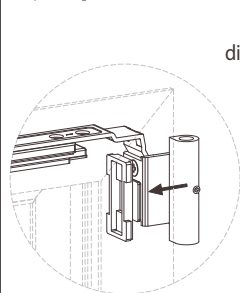
Posizionamento riscontro inferiore con dima nylon.
Positioning of flower striker with nylon template.



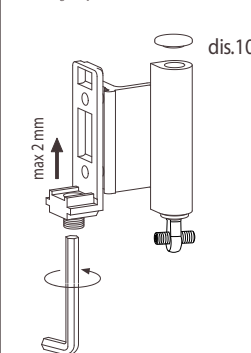
Inserire le molle di frizione sulle apposite asole.
To connect the adjusting spring on the slot.



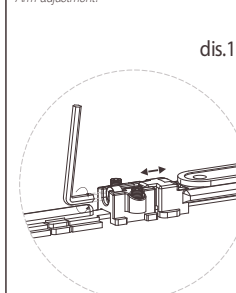
Bloccetto posizionamento braccio.
Arm positioning block.



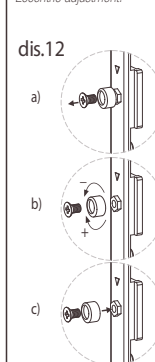
Regolazione cerniera inferiore.
Lower hinge adjustment.



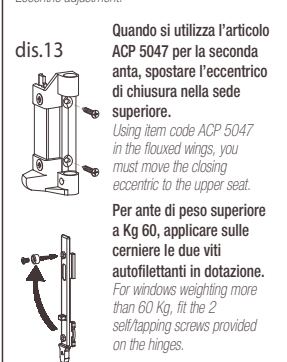
Regolazione braccio.
Arm adjustment.

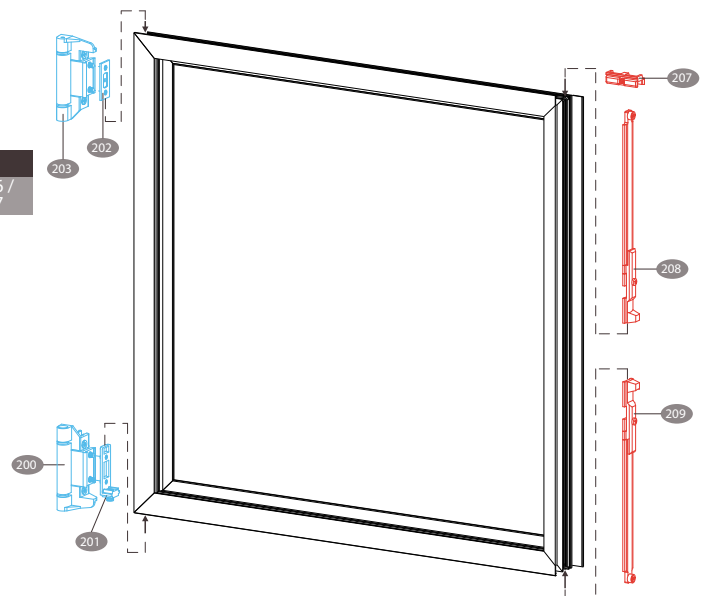
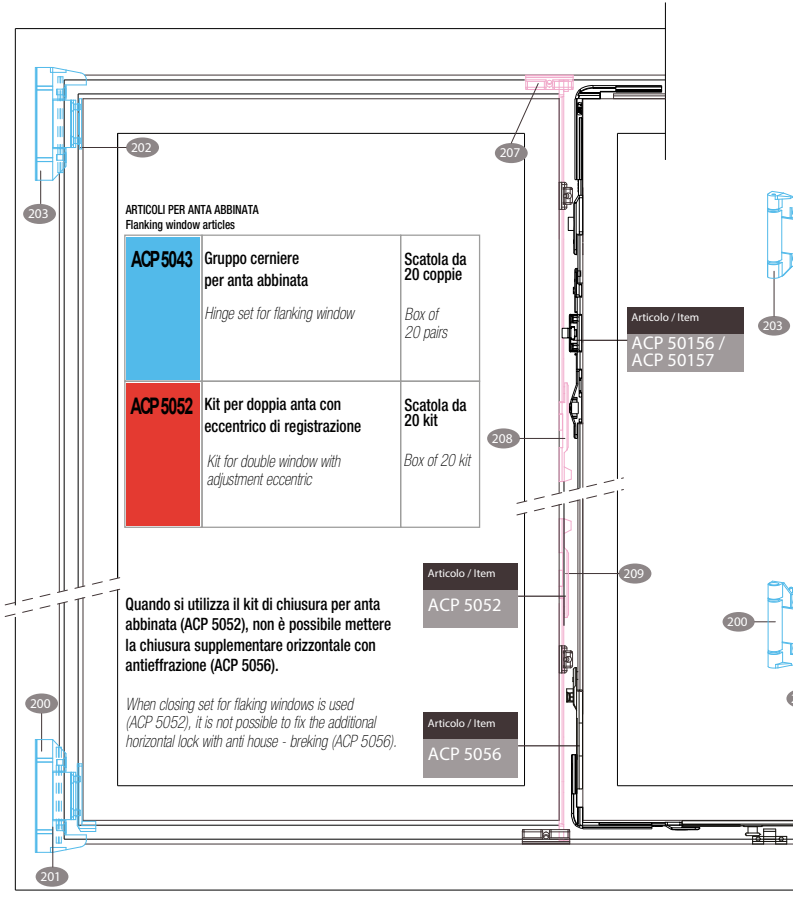
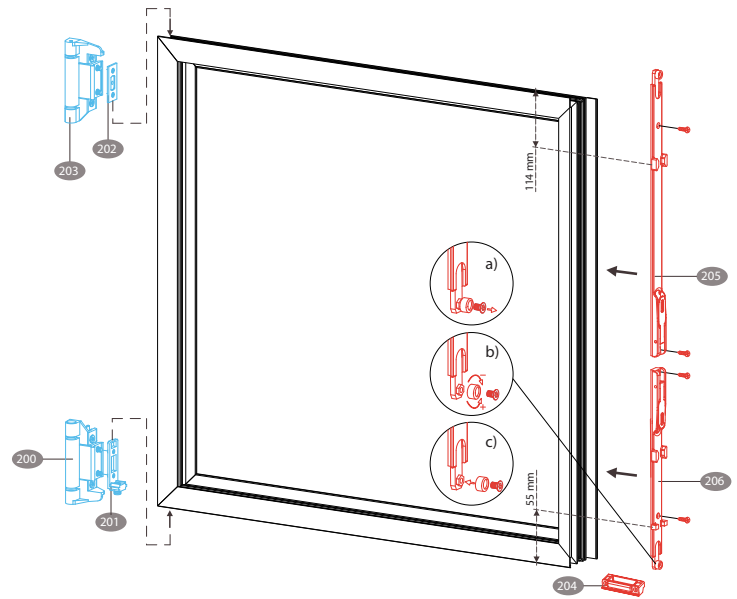
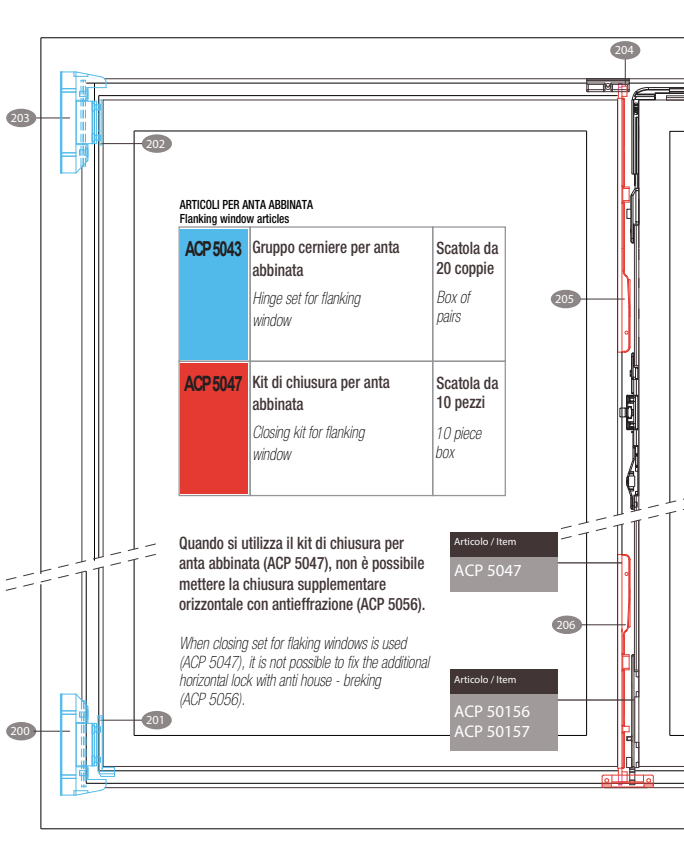


Regolazione eccentrico.
Eccentric adjustment.



Regolazione eccentrico.
Eccentric adjustment.



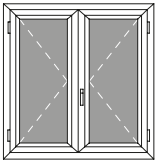


Composizione dei kit per tipologie SECRET e STANDARD LINE

Composition of kit by SECRET and STANDARD LINE typology

Tipologia	A/R SECRET			A/R STANDARD LINE		
	ACP 5150/D	1	Kit cerniera a scomparsa <i>concealed hinge set</i>	ACP 50156	1	Kit per telai piani <i>Tilt & turn set</i>
	ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>	ACP 5046	1	Braccio ribalta <i>Tilt window arm</i>
	ACP 5160	1	Kit Manovra <i>handle set</i>	ACP 50311	1	Kit manovra monodirezione <i>EXENS monodirectional mechanism</i>
				ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>
				ACP 5021	1	Kit 3a chiusura registrabile <i>Adjustable locking piece set</i>
	ACP 5150/S	1	Kit cerniera a scomparsa <i>concealed hinge set</i>	ACP 50156	1	Kit per telai piani <i>Tilt & turn set</i>
	ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>	ACP 5046	1	Braccio ribalta <i>Tilt & turn window arm</i>
	ACP 5160	1	Kit Manovra <i>handle set</i>	ACP 50311	1	Kit manovra monodirezione <i>EXENS monodirectional mechanism</i>
				ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>
				ACP 5021	1	Kit 3a chiusura registrabile <i>Adjustable locking piece set</i>
	ACP 5161/D	1	Kit cerniera a scomparsa <i>concealed hinge set</i>	ACP 5043	1	Kit cerniere per anta abbinata telai piani <i>Hinge set to combine leaf to flat frame</i>
	ACP 50312	1	Monvimentazione EXENS <i>EXENS mechanism</i>	ACP 50312	1	Monvimentazione EXENS <i>EXENS mechanism</i>
	ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>	ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>
	ACP 5159	2	Puntale in zama <i>rod and zamak made</i>	ACP 5025	2	Terminale asta <i>Rod terminal</i>
	ACP 5158	2	Incontro sup. anta passiva <i>single keeper zamak</i>	ACP 5026	1	Piastrina sostegno <i>Plastic support for leaf</i>
				ACP 5024	2	Incontro asta doppio in zama <i>Keeper double rod in zamak</i>
				ACP 5021	1	Kit 3a chiusura registrabile <i>Adjustable locking piece set</i>
	ACP 5161/S	1	Kit cerniera a scomparsa <i>concealed hinge set</i>	ACP 5043	1	Kit cerniere per anta abbinata telai piani <i>Hinge set to combine leaf to flat frame</i>
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	ACP 5158	2	Incontro sup. anta passiva <i>single keeper zamak</i>	ACP 5026	1	Piastrina sostegno <i>Plastic support for leaf</i>
				ACP 5024	2	Incontro asta doppio in zama <i>Keeper double rod in zamak</i>
				ACP 5021	1	Kit 3a chiusura registrabile <i>Adjustable locking piece set</i>

Tipologia	A/R SECRET			A/R STANDARD LINE		
	ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>	ACP 50156	1	Kit per telai piani <i>Tilt & turn set</i>
	ACP 5157	1	Kit catenacci bidirezionali <i>Bidirectional bolt set</i>	ACP 50311	1	Kit manovra monodirezione <i>EXENS monodirectional mechanism</i>
	ACP 5150/D	1	Kit cerniera a scomparsa <i>Concealed hinge set</i>	ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>
	ACP 5160	1	Kit manovra <i>Handle set</i>	ACP 5046	1	Braccio ribalta <i>Tilt & turn window arm</i>
	ACP 5161/S	1	Kit anta passiva cerniera <i>Concealed hinge passive leaf set</i>	ACP 5021	1	Kit 3a chiusura registrabile <i>Adjustable locking piece set</i>
	ACP 5158	1	Incontro sup. anta passiva <i>Single keeper zamak</i>	ACP 5047	1	Kit chiusura anta abbinata <i>Combined leaf latch set</i>
				ACP 5043	1	Kit cerniera abbinata telai piani <i>Hinge set to combine leaf to flat frame</i>
	ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>	ACP 50156	1	Kit per telai piani <i>Tilt & turn set</i>
	ACP 5157	1	Kit catenacci bidirezionali <i>Bidirectional bolt set</i>	ACP 50311	1	Kit manovra monodirezione <i>EXENS monodirectional mechanism</i>
	ACP 5150/S	1	Kit cerniera a scomparsa <i>Concealed hinge</i>	ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>
	ACP 5160	1	Kit manovra <i>Handle set</i>	ACP 5046	1	Braccio ribalta <i>Tilt & turn window arm</i>
	ACP 5161/D	1	Kit anta passiva cerniera <i>Concealed hinge passive leaf set</i>	ACP 5021	1	Kit 3a chiusura registrabile <i>Adjustable locking piece set</i>
	ACP 5158	1	Incontro sup. anta passiva <i>Single keeper zamak</i>	ACP 5047	1	Kit chiusura anta abbinata <i>Combined leaf latch set</i>
				ACP 5043	1	Kit cerniera abbinata telai piani <i>Hinge set to combine leaf to flat frame</i>
			ACP 5026	1	Piastrina sostegno <i>Plastic support for leaf</i>	

Tipologia	A/R SECRET			A/R STANDARD LINE		
	ACP 50312	1	Movimentazione EXENS <i>EXENS mechanism</i>	ACP 5043	2	Kit cerniere per anta abbinata telai piani <i>Hinge set to combine leaf to flat frame</i>
	ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>			
	ACP 5157	1	Kit catenacci bidirezionali <i>Bidirectional bolt set</i>	ACP 50312	1	Movimentazione EXENS <i>EXENS mechanism</i>
	ACP 5159	2	Puntale in zama <i>Rod and zamak made</i>	ACP 50314	1	EXENS linea Aurora <i>EXENS Aurora</i>
	ACP 5152	2	Incontro doppio in zama <i>Double keeper zamak</i>			
	ACP 5161/D	1	Kit cerniera a scomparsa <i>Concealed hinge set</i>	ACP 5025	2	Terminale asta <i>Rod terminal</i>
	ACP 5161/S	1	Kit cerniera a scomparsa <i>Concealed hinge set</i>	ACP 5024	2	Incontro asta doppio in zama <i>Keeper double rod in zamak</i>
				ACP 5026	1	Piastrina sostegno <i>Plastic support for leaf</i>
				ACP 5052	1	Kit catenaccioli con eccentrico di registrazione per anta semifissa <i>Metal bolt set</i>
				ACP 5021	1	Kit 3a chiusura registrabile <i>Adjustable locking piece set</i>

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Serratura di sicurezza per montante basculante

Security lock for jamb

<table border="1"> <thead> <tr> <th colspan="2">Contropiastra Regolabile in Metallo</th> </tr> <tr> <th>A-B-C</th> <th>D E-F</th> </tr> </thead> <tbody> <tr> <td>06463-22</td> <td>06465-22</td> </tr> <tr> <td>(17)</td> <td>(17)</td> </tr> <tr> <td colspan="2">(17) = inserto rullo art. 06141-71</td> </tr> </tbody> </table>		Contropiastra Regolabile in Metallo		A-B-C	D E-F	06463-22	06465-22	(17)	(17)	(17) = inserto rullo art. 06141-71		<table border="1"> <thead> <tr> <th colspan="2">CILINDRO SAGOMATO (Nichelato Fin.12)</th> <th>Frontale</th> </tr> <tr> <th>con borchie</th> <th>senza borchie</th> <th></th> </tr> </thead> <tbody> <tr> <td>0E300-27 L=74 (23-44,5)</td> <td>0E300-11 L=70,2 (27-42,5)</td> <td>22x3</td> </tr> </tbody> </table>		CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale	con borchie	senza borchie		0E300-27 L=74 (23-44,5)	0E300-11 L=70,2 (27-42,5)	22x3		
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Serratura di sicurezza per montante basculante

Security lock for jamb

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CILINDRO SPILLO 02400110

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Serratura di sicurezza per montante avanzante

Security lock for jamb

<table border="1"> <tr> <th colspan="2">Contropiastra Regolabile in Metallo</th> </tr> <tr> <td>A-B-C</td> <td>D E-F</td> </tr> <tr> <td>06463-32</td> <td>06465-42</td> </tr> <tr> <td colspan="2">(17) = inserto rullo art. 06141-71</td> </tr> </table>		Contropiastra Regolabile in Metallo		A-B-C	D E-F	06463-32	06465-42	(17) = inserto rullo art. 06141-71		<table border="1"> <tr> <th colspan="2">CILINDRO SAGOMATO (Nichelato Fin.12)</th> <th>Frontale</th> </tr> <tr> <td>con borchie</td> <td>senza borchie</td> <td>22x3</td> </tr> <tr> <td>0E300-27 L=74 (23+46)</td> <td>0E300-11 L=70,2 (27+42,5)</td> <td></td> </tr> </table>		CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale	con borchie	senza borchie	22x3	0E300-27 L=74 (23+46)	0E300-11 L=70,2 (27+42,5)		
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Serratura di sicurezza per montante avanzante

Security lock for jamb

Contropiastre Regolabile in Metallo A-B-C D E-F 06463-32 (17) 06465-42 (17) (17) = inserto rullo art. 06141-71		CILINDRO SAGOMATO (Nichelato Fin. 12) con borchie senza borchie OE300-27 L=74 (27,5-44,5) OE300-11 L=70,2 (27,7-42,5)	Frontale 22x3

A

Art. 19225

B

Art. 49225

C

Art. 49220

D

Art. 49250
Art. 060000

E

Art. 06443360

Contropiastre Regolabile in Metallo A-B-C D E-F 06463-32 (17) 06465-42 (17) (17) = inserto rullo art. 06141-71		CILINDRO SAGOMATO (Nichelato Fin. 12) con borchie senza borchie OE300-27 L=74 (27,5-44,5) OE300-11 L=70,2 (27,7-42,5)	Frontale 22x3

A

Art. 19225

B

Art. 49225

C

Art. 49220

D

Art. 49250
Art. 060000

E

Art. 06443360

LAVORAZIONI E MONTAGGI
 Agiscono per il cliente

63

Serratura di sicurezza per montante multipunto avanzante

Security lock for jamb multi-point

<p>Contropiastra Regolabile in Metallo</p> <table border="1"> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Deviatori</th> </tr> <tr> <td>06463-22</td> <td>06463-22 (17)</td> <td>06465-22</td> <td>06465-22 (pz.2)</td> </tr> <tr> <td colspan="4">(17) = inserto rullo art. 06141-71</td> </tr> </table>			A	B	C	Deviatori	06463-22	06463-22 (17)	06465-22	06465-22 (pz.2)	(17) = inserto rullo art. 06141-71			
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<p>A</p> <p>Art. 19526 Art. 49526</p>			<p>B</p> <p>SERRATURA A RULLO</p> <p>Art. 49526 + 060000</p>	<p>C</p> <p>SERRATURA A SOLA MANDATA GIRANDO LO SCROCCO</p> <p>Art. 49526</p>										

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Serratura di sicurezza per montante multipunto avanzante

Security lock for jamb multi-point

<p>Contropiastra Regolabile in Metallo</p> <table border="1"> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Deviatori</th> </tr> <tr> <td>06463-22</td> <td>06463-22 (17)</td> <td>06465-22</td> <td>06465-22 (pz.2)</td> </tr> <tr> <td colspan="4">(17) = inserto rullo art. 06141-71</td> </tr> </table>			A	B	C	Deviatori	06463-22	06463-22 (17)	06465-22	06465-22 (pz.2)	(17) = inserto rullo art. 06141-71				
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LAVORAZIONI E MONTAGGI
 Agiscono per conto di

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Serratura di sicurezza per montante multipunto basculante

Security lock for jamb multi-point

Contropiastra Regolabile in Metallo			Deviatori	
A	B	C	06463-32	06465-42
06463-32	(16)	06465-42	(pz.2)	
(17) = inserto rullo art. 06141-71				

CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale
con borchie	senza borchie	24x3
0E300-27	0E300-11	
L=74 (23.5-44.5)	L=70.2 (27.7-42.5)	

CILINDRO SPILLO 02400110

E= 35 mm

A

Art. 16525
Art. 46525

B

Art. 46550

C

Art. 46520

Contropiastra Regolabile in Metallo			Deviatori	
A	B	C	06463-32	06465-42
06463-32	(16)	06465-42	(pz.2)	
(17) = inserto rullo art. 06141-71				

CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale
con borchie	senza borchie	24x3
0E300-27	0E300-11	
L=74 (23.5-44.5)	L=70.2 (27.7-42.5)	

CILINDRO SPILLO 02400110

E= 35 mm

A

Art. 16525
Art. 46525

B

Art. 46550

C

Art. 46520

66

Serratura di sicurezza per montante multipunto basculante

Security lock for jamb multi-point

Contropiastra Regolabile in Metallo		
A	B	C
06463-32	06463-32	06465-42
(17)	(16)	(pz.2)
(17) = inserto rullo art. 06141-71		

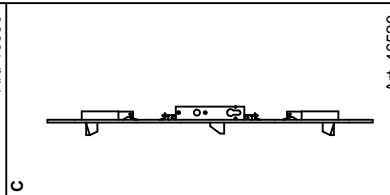
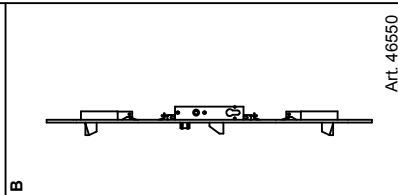
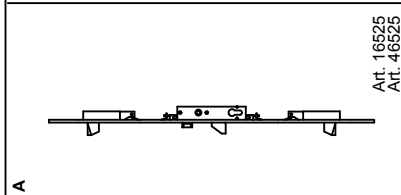
CILINDRO SAGOMATO (Nichelato Fin.12)	Frontale
con borchie	0E300-27
senza borchie	0E300-11
	L=72 (27-46,5)
	24x3

CILINDRO SPILLO 02400110

E= 35 mm

40

39



Contropiastra Regolabile in Metallo		
A	B	C
06463-32	06463-32	06465-42
(17)	(16)	(pz.2)
(17) = inserto rullo art. 06141-71		

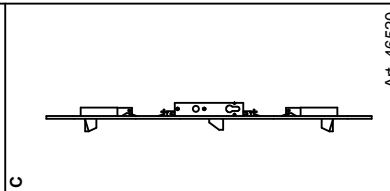
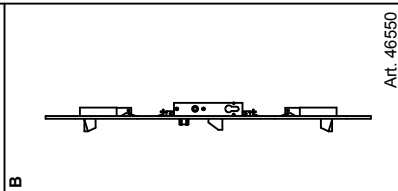
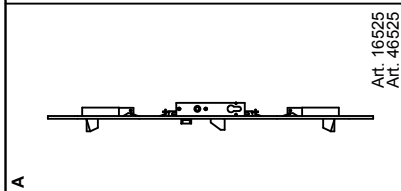
CILINDRO SAGOMATO (Nichelato Fin.12)	Frontale
con borchie	0E300-27
senza borchie	0E300-11
	L=72 (27-46,5)
	24x3

CILINDRO SPILLO 02400110

E= 35 mm

18

19



67

Maniglioni antipanico

Panic exit bar

Contropiastre Regolabile in Metallo		Accessori		
A	Deviatori	1/2 Maniglia	Aste	Blocca Aste
43295-60	06465-22 (pz.2)	07070-66-0-B Funz. B/D	07088-03	07089-52 (Facoltativo)
Utilizzare salvaprofilo art. ...	Bocchetta Pavimento art. 06142-85	Bocchetta Pavimento art. 06142-85	Bocchetta Superiore art. 06141-80	
CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale		
con borchie		senza borchie		
0E300-27 L=74 (29,5-44,5)		0E300-11 L=70,2 (27,7-42,5)		24x3

E = 40mm

NB. il cilindro è calcolato per il maniglione 59605 e 59710 in caso si voglia utilizzare il maniglione 59615 il cilindro deve sporgere di minimo 11.5mm dal filo del profilo interno.

Applicando il maniglione antipanico sulle 2 ante, occorre ridurre i tagli delle ante di 1.5mm per anta in modo da lasciare fuga 8mm.

A

Art. 43725 Funz. A/D Art. 43735 Funz. B	Maniglione quadro 9mm art. 59710-00 art. 59710-01 Quadro Maniglia art. 07085-77-0	Maniglione quadro 8mm art. 59605-06 Barra Ovale art. 07007-XX	Maniglione quadro 8mm art. 59615-17 Barra Ovale art. 07007-XX
--	---	--	--

Contropiastre Regolabile in Metallo		Accessori		
A	Deviatori	1/2 Maniglia	Aste	Blocca Aste
06463-32	06465-22 (pz.2)	07070-66-0-B Funz. B/D	-	-
Utilizzare salvaprofilo art. ...	Bocchetta Pavimento art. ...			
CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale		
con borchie		senza borchie		
0E300-27 L=74 (29,5-44,5)		0E300-11 L=70,2 (27,7-42,5)		24x3

E = 40 mm

NB. il cilindro è calcolato per il maniglione 59605 e 59710 in caso si voglia utilizzare il maniglione 59615 il cilindro deve sporgere di minimo 11.5mm dal filo del profilo interno

A

Art. 43725 Funz. A/D Art. 43735 Funz. B	Maniglione quadro 9mm art. 59710-00 art. 59710-01 Quadro Maniglia art. 07085-77-0	Maniglione quadro 8mm art. 59605-06 Barra Ovale art. 07007-XX	Maniglione quadro 8mm art. 59615-17 Barra Ovale art. 07007-XX
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Serratura di sicurezza per fascia

Security lock for central crossbeam

Contropiastra Regolabile in Metallo			
A	B	C	D-E Frontale
06465-22	06465-22 (16)	06465-22 (pz. 3)	06465-22 (pz. 2)
(17) = inserto nullo art. 06141-71			

CILINDRO SAGOMATO (Nichelato Fin.12)	
con borchie	senza borchie
0E300-11 L=92 (27.4x3)	0E300-06 L=812 (27.7x3.5)

E= 100 mm

A

art. 56357

B

art. 56357

C

art. 56357
art. 06168-00
Kit Multipunto Modulare 24x3

D

art. 06444-45

E

art. 06444-45
art. 06444-45-0

Contropiastra Regolabile in Metallo			
A	B	C	D-E Frontale
06465-22	06465-22 (16)	06465-22 (pz. 3)	06465-22 (pz. 2)
(17) = inserto nullo art. 06141-71			

CILINDRO SAGOMATO (Nichelato Fin.12)	
con borchie	senza borchie
0E300-11 L=92 (27.4x3)	0E300-06 L=812 (27.7x3.5)

E= 100 mm

A

art. 56357

B

art. 56357

C

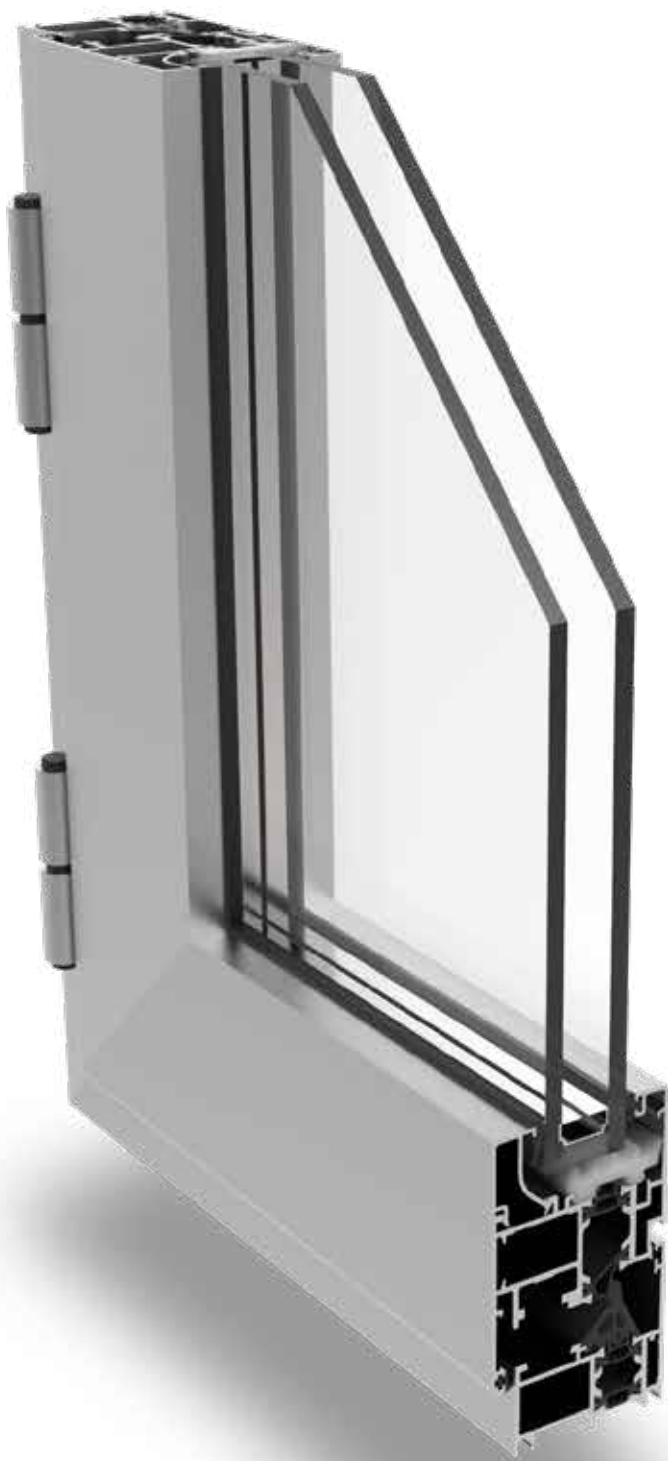
art. 56357
art. 06168-00
Kit Multipunto Modulare 24x3

D

art. 06444-45

E

art. 06444-45
art. 06444-45-0



MATIC **50** *plus*

Traccia per capitolato

Infissi in alluminio realizzati con la serie taglio termico Matic 50 Plus con sistema di tenuta a giunto aperto con pinna centrale di forma tubolare e materiale coestruso, espanso/compatto. I profilati sono estrusi in lega di alluminio 6060 (EN 573.3), stato di fornitura T5 e T6 conformi alla norma EN 755.2 con tolleranze dimensionali e spessori conformi alla norma UNI12020-2 : 2001. L'isolamento termico sarà costituito da barrette esclusivamente tubolari a doppia camera da 16 mm in poliammide 6.6 rinforzato al 25% con fibre di vetro, l'assemblaggio delle barrette avverrà a mezzo di rullatura meccanica computerizzata, e le caratteristiche meccaniche delle barrette dovranno rimanere inalterate sino ad una temperatura massima di trattamento di 245°C.

Il processo di produzione è controllato secondo le norme UAETC, i valori di scorrimento dovranno essere superiori ai 24 daN/mm. Il telaio fisso avrà profondità 50mm mentre le parti apribili avranno una profondità di 58mm. Il sistema di tenuta sarà a giunto aperto con guarnizione centrale, in EPDM, avente un'aletta di tenuta che sormonta di 4,5mm il piano inclinato della parte apribile, la guarnizione centrale dovrà essere raccordata nei giunti con gli opportuni angoli vulcanizzati. I profili avranno linee dritte o arrotondate internamente ed esternamente con la possibilità di accogliere soluzioni di fermavetri con taglio a 45° oppure 90°; nel caso di taglio a 90° con fermavetri arrotondati si potranno utilizzare gli appositi angoli di raccordo in alluminio pressofuso. La sigillatura dei vetri dovrà avvenire secondo le indicazioni riportate nel catalogo e solo ed esclusivamente con guarnizioni fermavetro originali. Appositi fori di drenaggio dovranno essere previsti sul telaio fisso e su quello mobile al fine di permettere il corretto drenaggio del serramento. La scelta dei profili sarà in funzione delle caratteristiche geometriche e dimensionali dell'infisso, della portata degli accessori e dei carichi di esercizio. Gli accessori utilizzati nella fabbricazione delle diverse tipologie dovranno essere solo ed esclusivamente quelli originali studiati appositamente per il sistema, riportati a catalogo e distribuiti dai licenziatari ALSistem, l'utilizzo di prodotti diversi da quelli indicati oppure il montaggio parziale o scorretto degli stessi comporterà la nullità dei certificati di prova e garanzia. La fabbricazione e la posa dovranno avvenire secondo i criteri di lavoro indicati da ALSistem. L'assemblaggio dei profili avverrà con squadrette in alluminio pressofuso multifunzione, i tagli dovranno essere protetti a mezzo sigillanti neutri. La protezione e finitura dei profilati avverrà a mezzo dei normali trattamenti di superficie, ossidazione anodica conforme al marchio di qualità "Qualanod" oppure a mezzo di verniciatura con polveri poliesteri termoindurenti e polimerizzate in forno a temperature comprese tra 185°C e 195°C, in conformità del marchio di qualità "Qualicoat".

Materiali

L'esecuzione dei serramenti è in lega d'alluminio EN AW 6060 sotto forma di profilati estrusi come indicato dalla disposizione normativa EN 755.3. Lo stato di fornitura è in classe T5 e T6 secondo norma EN 755.2. Le tolleranze dimensionali sono conformi alla UNI 12020-2 : 2001. Lega secondo la formula ALSistem.

Caratteristiche tecniche e dimensionali

Aspetto visivo esterno: complanare

Aspetto visivo interno: sormonto di 8mm

Profilati: estrusi in lega leggera 6060 (UNI35690TA) anodizzabili e verniciabili

Sistema di tenuta: giunto aperto con precamera, con guarnizioni in EPDM

Sistema di isolamento termico: realizzato con distanziali in poliammide da 16mm a forma tubolare

Sistema di accessori: originali ALSistem

Distanza telaio anta: 12mm

Sovrapposizione battuta anta su telaio: 6mm

Altezza battuta vetro: 22mm

Fuga tra i profili: 5mm

Profondità telaio: 50mm

Profondità anta: 58mm

Tubolarità profili finestra: 15mm

Tubolarità profili porta: 36.4mm

Fissaggio vetri: con fermavetri lisci, raggiati, smussati o modanati

Spazio vetro o pannello nei telai fissi: da 5mm a 43mm

Spazio vetro o pannello nelle ante: da 5mm a 51mm

Certificazioni serie Matic 50 Plus

Per il principio di estendibilità i certificati sotto riportati sono validi per la serie Matic 50 Plus per le diverse tipologie di serramenti indicati in tabella.

PROVE	TIPOLOGIA SERRAMENTI		
	Finestra 2 ate ribalta	Porta finestra 2 ante ribalta	Finestra 4 ante
Misure del serramento	H=1.650mm L=1.500mm	H=2.400mm L=1.500mm	H=1.650mm L=3.000mm
Numero certificato	1994-CPD-RP0165	0970-CPD-RP0750	0970-CPD-RP0812
Valore prova tenuta all'aria	classe 4	classe 4	classe 4
Valore prova tenuta all'acqua	classe E1200	classe E1050	classe E900
Valore prova resistenza al vento	classe C5	classe C4	classe C4

General specifications

Aluminum frames created with thermal break Matic 50 Plus doors and windows with central. The profiles are extruded in aluminium alloy EN AW 6060 (EN 573.3), supply condition T5 and T6 in accordance with standard EN 755.2 with dimensional tolerances and thicknesses compliant with standard UNI EN 755-9 and UNI12020-2 : 2001. Alloy according to ALSistem formula. The thermal insulation will consist of 16mm polyamide 6.6 hi-tech solution strips reinforced 25% with fibreglass with a moisture absorption value lower than 2% at a temperature of 23°C and a level of humidity at 50%; the strips are assembled by means of computerised mechanical rolling, and the mechanical characteristics of the strips must remain unaltered up to a maximum treatment temperature of 245°C. The production process is controlled in accordance with UAETC standards, the sliding values must be greater than 24 daN/mm. The fixed frame shall be 50mm deep, whilst the openable parts shall be 58mm deep. The sealing system shall be of the open joint type with a central EPDM gasket with a seal fin on the sloping surface of the profile on the moving part of the window; the central gasket must be connected at the corners with the appropriate vulcanised corners. The profiles have been designed with straight of rounded lines internally and externally with the possibility of accommodating glazing bead solutions cut at 45° or 90°; where cut at 90° with rounded glazing beads, the appropriate connecting corners in die-cast aluminium can be used. The glazing must be sealed in accordance with the instructions shown in the catalogue and exclusively with original glazing bead gaskets. Appropriate drainage holes must be made on the fixed frame and on the moving frame in order to allow the correct drainage for the window/door. The limits of use of the profiles depend on their geometric characteristics, on the scope of the accessories and on the operating loads. The accessories used in the manufacture of the various types must be exclusively the originals designed especially for the system, as shown in the catalogue and distributed by the ALSistem licensees; the use of products other than those indicated or their partial or incorrect assembly shall render the test certificates and guarantee null and void. The manufacture and installation must be in accordance with the operating criteria indicated by ALSistem. The profiles shall be assembled with brackets in extruded or die-cast aluminium to be buttoned, pinned, crimped or screwed, the edges must be protected with acrylic, silicone or MS polymer sealants. The profiles must be protected and finished by means of normal surface treatments, anodic oxidation compliant with the "Qualanod" quality label or by painting with thermosetting polyester in powder form and oven-polymerised at temperatures between 185°C and 195°C, in accordance with the "Qualicoat" quality label.

Materials

The doors and windows are made from aluminium alloy EN AW 6060 extruded profiles as indicated in standard EN 755.3. The supply condition is within class T5 and T6 in accordance with standard EN 755.2. Dimensional tolerances comply with UNI 12020-2 : 2001. Alloy according to ALSistem formula.

Technical and dimensional characteristics

External visual appearance: flush

Internal visual appearance: flush or overlapping 8mm

Profiles: light alloy 6060 (UNI35690TA) extrusions; they can be anodised and painted. Alloy according to ALSistem formula.

Sealing system: open joint with pre-chamber or double rebate, with EPDM gaskets

Thermal insulation system: made using 16mm polyamide tubular spacers

Accessory system: ALSistem original

Distance between frame and leaf: 12mm

Superimposition of leaf rebate on frame: 6mm

Height of glass rebate: 22mm

Space between the profiles: 5mm

Frame depth: 50mm

Leaf depth: 58mm

Tubularity of window profiles: 15mm

Tubularity of door profiles: 36.4mm

Glass fastening: with smooth or radial glazing beads


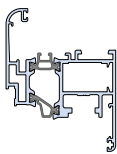

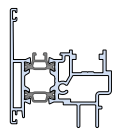
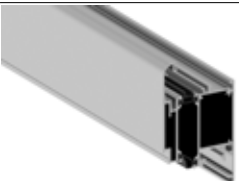
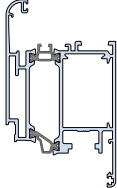
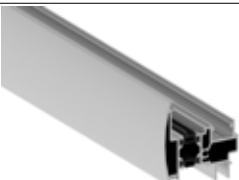
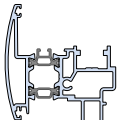

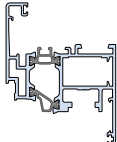
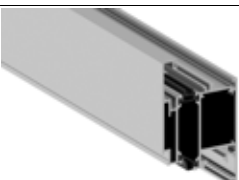
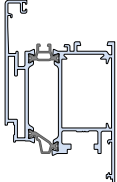
Space for glass or panel in fixed frames: from 5mm to 43mm

Space for glass or panel in leaves: from 5mm to 51mm

Matic 50 Plus range certifications

The Matic 50 Plus system has been subjected to the tests shown in the table for the different types of door and window.

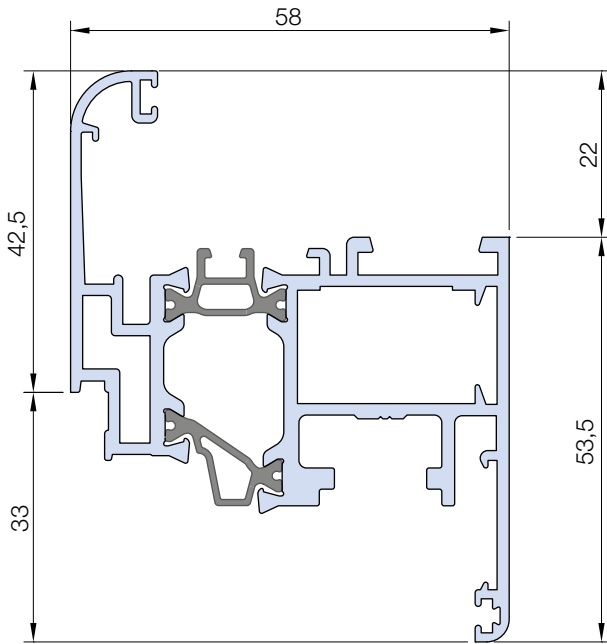
TEST	WINDOWS TYPE		
	2-leaf tilt & turn window	2-leaf tilt & turn door	4-leaf windows
Windows size	H=1.650mm L=1.500mm	H=2.400mm L=1.500mm	H=1.650mm L=3.000mm
Certificated number	1994-CPD-RP0165	0970-CPD-RP0750	0970-CPD-RP0812
Air permability	classe 4	classe 4	classe 4
Watertightness	classe E1200	classe E1050	classe E900
Resistance to wind load	classe C5	classe C4	classe C4

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 51912	Anta raggiata Matic Plus <i>Matic Plus rounded leaf</i>	1609	23,40 14,35
		TT 51913	Riporto centrale liscio Matic Plus <i>Matic Plus smooth astragal seal</i>	1368	16,21 8,90
		TT 51917	Anta raggiata maggiorata Matic Plus <i>Matic Plus rounded oversized leaf</i>	2125	32,20 43,18
		TT 51918	Riporto centrale raggiato Matic Plus <i>Matic Plus rounded astragal seal</i>	1568	19,72 11,31
		TT 51977	Anta retta Matic Plus <i>Matic Plus flat leaf</i>	1621	23,77 15,05
		TT 51978	Anta retta maggiorata Matic Plus <i>Matic Plus flat oversized leaf</i>	2141	32,55 44,45

I profili sopra sono abbinabili solo ai telai piani disponibili tra la gamma Planet 50 Plus

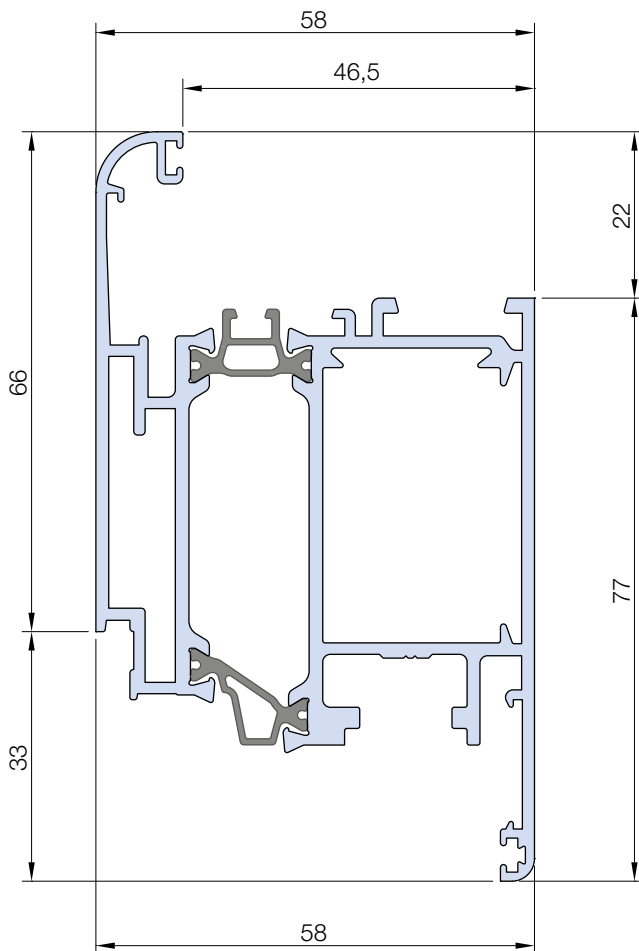
TT 51802
 TT 51824
 TT 51822
 TT 51832
 TT 51883
 TT 51833
 TT 51803

PROFILI PER FERRAMENTA PERIMETRALE



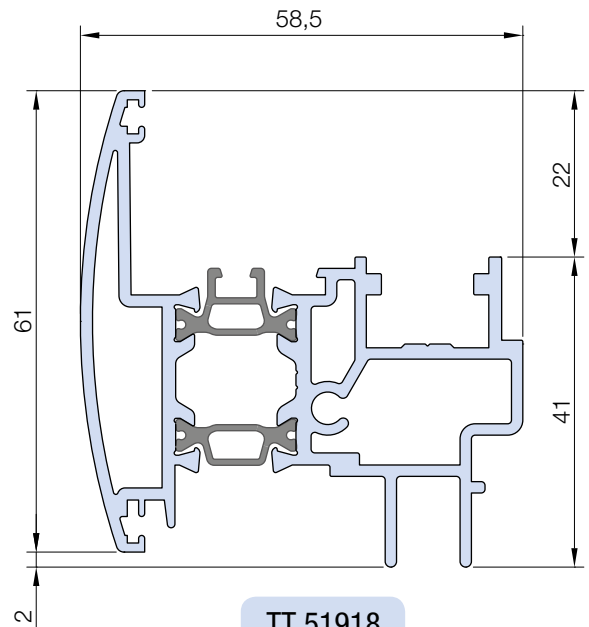
TT 51912

1609g/m



TT 51917

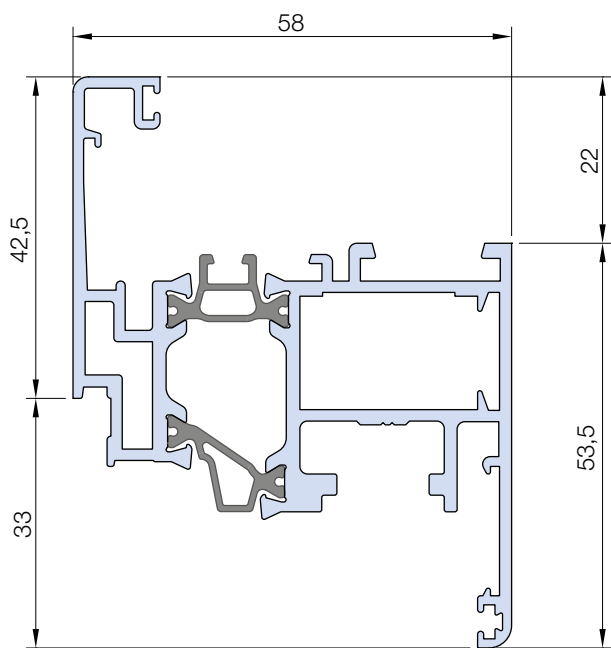
2125 g/m



TT 51918

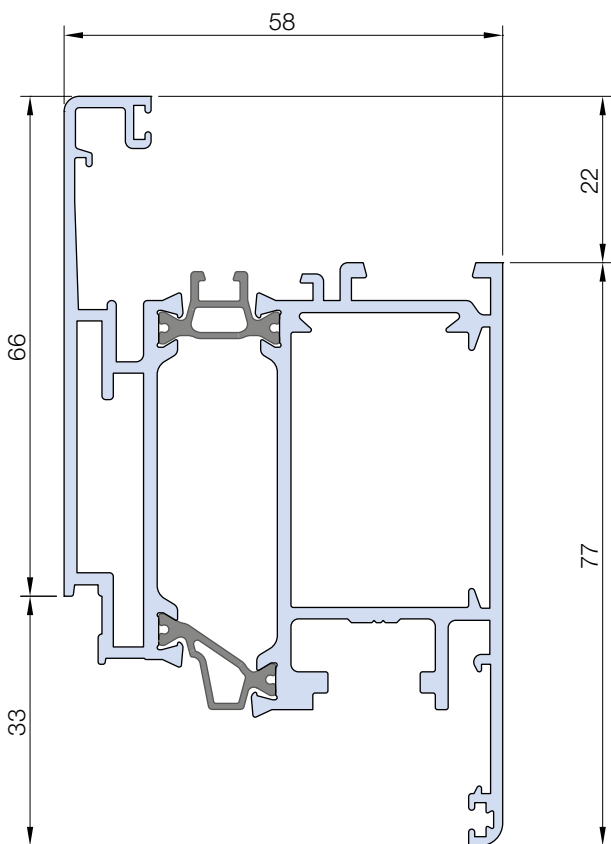
1568 g/m

SAGOMARIO
Profile representation



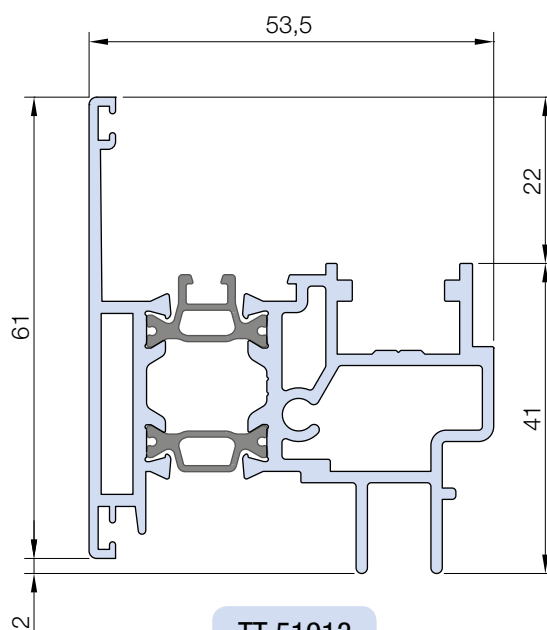
TT 51977

1621g/m



TT 51978











2141 g/m





TT 51913


1368 g/m

ACCESSORI DI CHIUSURA


	<p>201732</p> <p>Cremonese Multi Matic da 431mm a 660mm. HM 190mm 20pz.</p> <p><i>Cremonese handle Multi Matic from 431mm to 660mm Pcs: 20</i></p>		<p>209261</p> <p>Cremonese Multi Matic da 1591mm a 1700mm con 2 funghi. HM 500mm 10pz.</p> <p><i>Cremonese handle Multi Matic from 1591mm to 1700mm with 2 lock point Pcs: 10</i></p>
	<p>201733</p> <p>Cremonese Multi Matic da 661mm a 840mm con 1 fungo. HM 300mm 20pz.</p> <p><i>Cremonese handle Multi Matic from 661mm to 840mm Pcs: 20</i></p>		<p>201740</p> <p>Cremonese Multi Matic da 1701mm a 1950mm con 3 funghi. HM 1050mm 10pz.</p> <p><i>Cremonese handle Multi Matic from 1701mm to 1950mm with 3 lock point Pcs: 10</i></p>
	<p>201734</p> <p>Cremonese Multi Matic da 841mm a 1090 mm con 1 fungo. HM 400mm 20pz.</p> <p><i>Cremonese handle Multi Matic from 841 to 1090 with 1 lock point Pcs: 20</i></p>		<p>201741</p> <p>Cremonese Multi Matic da 1951mm a 2200mm con 3 funghi. HM 1050mm 10pz.</p> <p><i>Cremonese handle Multi Matic from 1951mm to 2200mm with 3 lock point Pcs: 10</i></p>
	<p>201735</p> <p>Cremonese Multi Matic da 1091mm a 1340mm con 1 fungo. HM 500 10pz.</p> <p><i>Cremonese handle Multi Matic with 1 lock point Pcs: 10</i></p>		<p>201742</p> <p>Cremonese Multi Matic da 2201mm a 2450mm con 4 funghi. HM 1050mm 10pz.</p> <p><i>Cremonese handle Multi Matic from 2201mm to 2450mm with 4 lock point Pcs: 10</i></p>
	<p>201745</p> <p>Cremonese Multi Matic da 1341mm e 1590mm con 2 funghi. HM 500 10pz.</p> <p><i>Cremonese handle Multi Matic from 1341 mm to 1590mm with 2 lock point Pcs: 10</i></p>		<p>202873</p> <p>Asta a leva per cava ferramenta da 431mm a 660mm 10 confez.</p> <p><i>Multi Matic lever rod, for hole hardware from 431mm to 660mm Pcs: 10</i></p>


	221901
	<p>Asta a leva per cava ferramenta da 661mm a 840mm per 1 fungo 10 confez.</p> <p><i>Multi Matic lever rod, for hole hardware from 661mm to 840mm for 1 lock point Pcs: 10</i></p>


	221902
	<p>Asta a leva per cava ferramenta da 841mm a 1090mm per 1 fungo 10pz.</p> <p><i>Multi Matic lever rod, for hole hardware FIX 1090 for 1 lock point, from 841mm to 1090mm Pcs: 10</i></p>


	221903
	<p>Asta a leva per cava ferramenta da 1091mm a 1340mm per 1 fungo 10 confez.</p> <p><i>Multi Matic lever rod, for hole hardware from 1091mm to 1340mm for 1 lock point Pcs: 10</i></p>


	221911
	<p>Asta a leva per cava ferramenta da 1341mm a 1590mm per 2 funghi 10 confez.</p> <p><i>Multi Matic lever rod, for hole hardware from 1341mm to 1590mm for 2 lock point Pcs: 10</i></p>


	209263
	<p>Asta a leva per cava ferramenta da 1591mm a 1700mm per 2 funghi 10 confez.</p> <p><i>Multi Matic lever rod, for hole hardware from 1591mm to 1700mm for 2 lock point Pcs: 10</i></p>


	221907
	<p>Asta a leva per cava ferramenta da 1701mm a 1950mm per 3 funghi 10 confez.</p> <p><i>Multimatic lever rod, for hole hardware 1950 for 3 lock point Pcs: 10</i></p>


	221908
	<p>Asta a leva per cava ferramenta da 1951mm a 2200mm per 3 funghi 10 confez.</p> <p><i>Multi Matic lever rod, for hole hardware 2200 for 3 lock point Pcs: 10</i></p>


	221909
	<p>Asta a leva per cava ferramenta da 2201mm a 2450mm per 4 fungo 10 confez.</p> <p><i>Multi Matic lever rod, for hole hardware from 2201mm to 2450mm for 4 lock point Pcs: 10</i></p>


	211929
	<p>Chiusura angolare da 801mm a 1280mm con 1 fungo</p> <p><i>Angular closure from 801mm to 1280mm with 1 lock point</i></p>


	211930
	<p>Chiusura angolare da 1281mm a 1500mm con 1 fungo</p> <p><i>Angular closure from 1281mm to 1500mm with 1 lock point</i></p>


	211931
	<p>Chiusura angolare da 1500mm a 2200mm con 2 funghi</p> <p><i>Angular closure from 1500mm to 2200mm with 2 lock point</i></p>


	20175
	<p>Prolunga frontale mm prolungabile 235 con 1 fungo</p> <p>Conf. pz: 20</p> <p><i>Extension cable frontal 235 with 1 lock point Silver</i> <i>Pcs: 20</i></p>


	211932
	<p>Chiusura angolare prolungabile da 2201mm a 2400mm con 2 funghi</p> <p><i>Angular closure extend from 2201mm to 2400mm with 2 lock point</i></p>


	203810
	<p>Prolunga frontale mm per asta a leva Multi Matic 235 con scontro</p> <p>Conf. pz: 20</p> <p><i>Extension cable frontal for Multi Matic lever rod Silver</i> <i>Pcs: 20</i></p>


	211933
	<p>Chiusura angolare da 2201mm a 2450mm con 3 funghi</p> <p><i>Angular closure extend from 2201mm to 2450mm with 3 lock point</i></p>

	206862
	<p>Frontale forbice Multi Matic da 320mm a 400mm</p> <p>Conf. pz: 20</p> <p><i>Multi Matic scissor frontal from 320mm to 300mm</i> <i>Pcs: 20</i></p>

	201840
	<p>Chiusura centrale Multi Matic prolungabile da 801mm a 1280mm con 1 fungo</p> <p>20 pz.</p> <p><i>Multi Matic central closure extend from 801mm to 1280mm with 1 lock point</i> <i>Pcs: 20</i></p>

	206863
	<p>Frontale forbice Multi Matic da 401mm a 600mm</p> <p>Conf. pz: 20</p> <p><i>Multi Matic scissor frontal from 401mm to 600mm</i> <i>Pcs: 20</i></p>

	201754
	<p>Chiusura centrale Multi matic prolungabile da 1701mm a 2200mm con 2 funghi</p> <p>10 pz.</p> <p><i>Multi Matic central closure extend from 1701mm to 2200mm with 2 lock points</i> <i>Pcs: 10</i></p>

	206864
	<p>Frontale forbice Multi Matic da 601mm a 800mm</p> <p>Conf. pz: 20</p> <p><i>Multi Matic scissor frontal from 601mm to 800mm</i> <i>Pcs: 20</i></p>

	206865
	Frontale forbice Multi Matic da 801mm a 1050mm con 1 fungo Conf. pz: 20
	<i>Multi Matic scissor frontal with 1 lock point from 801mm to 1050mm Pcs: 20</i>

	206856
	Braccio forbice Multi Matic da 320mm a 400mm senza aerazione Conf. pz: 20
	<i>Mechanical arm scissor Multi Matic without ventilation from 320mm to 400mm Pcs: 20</i>

	207122
	Braccio forbice Multi Matic da 401mm a 600mm senza aerazione Conf. pz: 20
	<i>Mechanical arm scissor Multi Matic without ventilation from 401mm to 600mm Pcs: 20</i>

	207123
	Braccio forbice Multi Matic da 601mm a 800mm senza aerazione Conf. pz: 20
	<i>Mechanical arm scissor Multi Matic without ventilation from 601mm to 800mm Pcs: 20</i>

	207124
	Braccio forbice Multi Matic da 801mm a 1300mm senza aerazione Conf. pz: 20
	<i>Mechanical arm scissor Multi Matic without ventilation from 801mm to 1300mm Pcs: 20</i>

	463900
	Kit di coperture per alluminio destro per cerniera telaio in appoggio. Finitura: RAL 9016, titanio, nero, argento, gold, marrone e bronzo Conf. pz: 10
	<i>Cover kit for frame hinge right Pcs: 10</i>

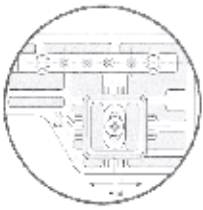
	463901
	Kit di coperture per alluminio sinistro per cerniera telaio in appoggio. Finitura: RAL 9016, titanio, nero, argento, gold, marrone e bronzo Conf. pz: 10
	<i>Cover kit for frame hinge right Pcs: 10</i>

	ACP 551AD
	Kit anta ribalta 1 anta dx Conf.: 1 kit
	<i>Tilt&turn kit for 1 leaf - right Pcs: 1 kit</i>

	ACP 551AS
	Kit anta ribalta 1 anta sx Conf.: 1 kit
	<i>Tilt&turn kit for 1 leaf - left Pcs: 1 kit</i>

	ACP 552A
	Kit anta a ribalta 2 ante ambidestra Conf.: 1 kit
	<i>Tilt&turn kit for 2 leaf - ambidextrous Pcs: 1 kit</i>

ACCESSORI
Finiture

	461205
	Dima per cerniera e supporto forbice Conf. pz: 1 <i>Shape for hinge Pcs: 1</i>

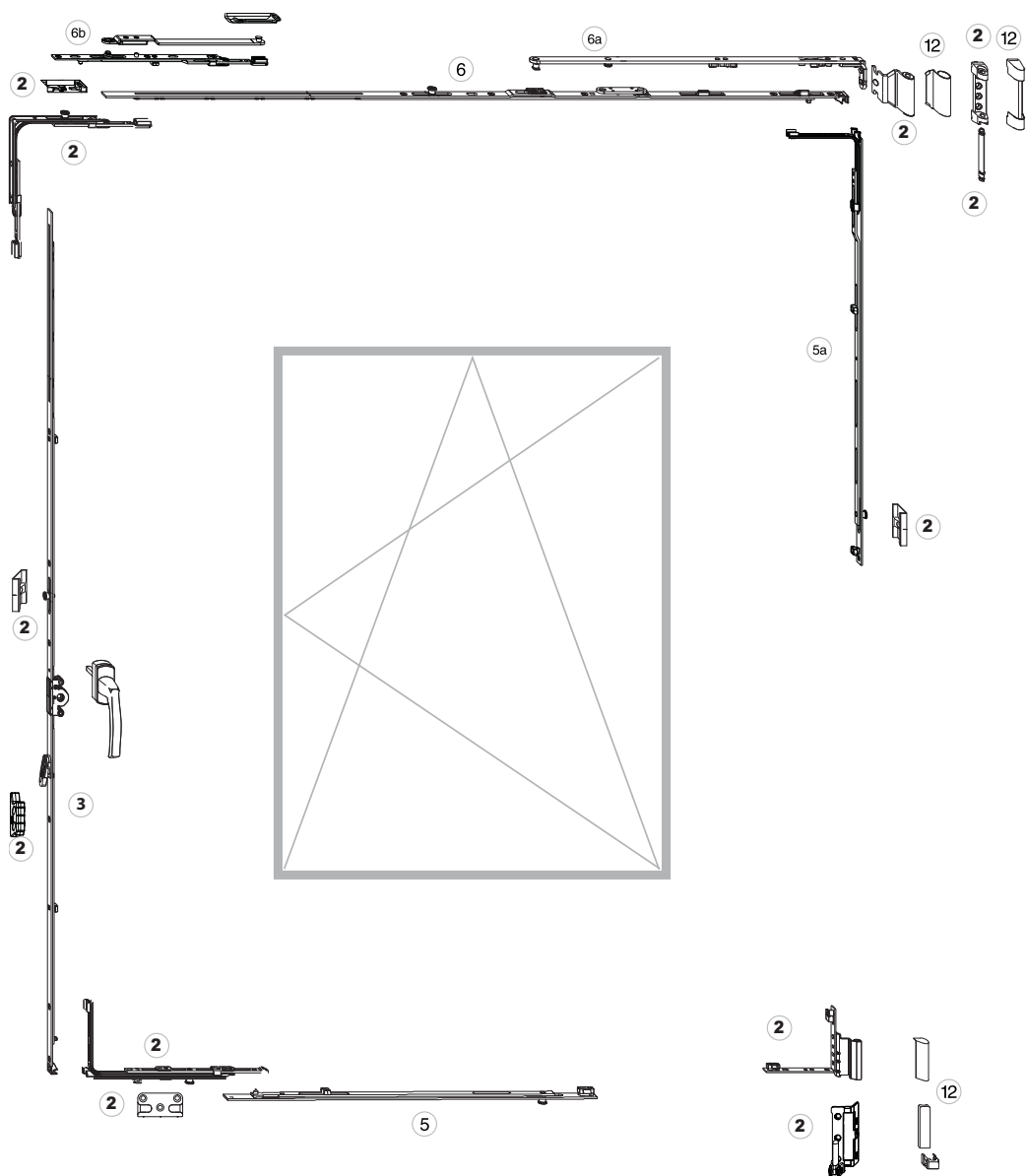
	ACP 55181
	Tappo riporto centrale per versione Matic 50 Plus giunto aperto Cfz: 20 coppie <i>Central plug for Matic version Pkg: 20 pairs</i>

NOTA BENE

GUARNIZIONI: Si possono utilizzare le stesse del Planet 50 Plus

ACCESSORI GENERICI: Si possono utilizzare gli stessi del Planet 50 Plus

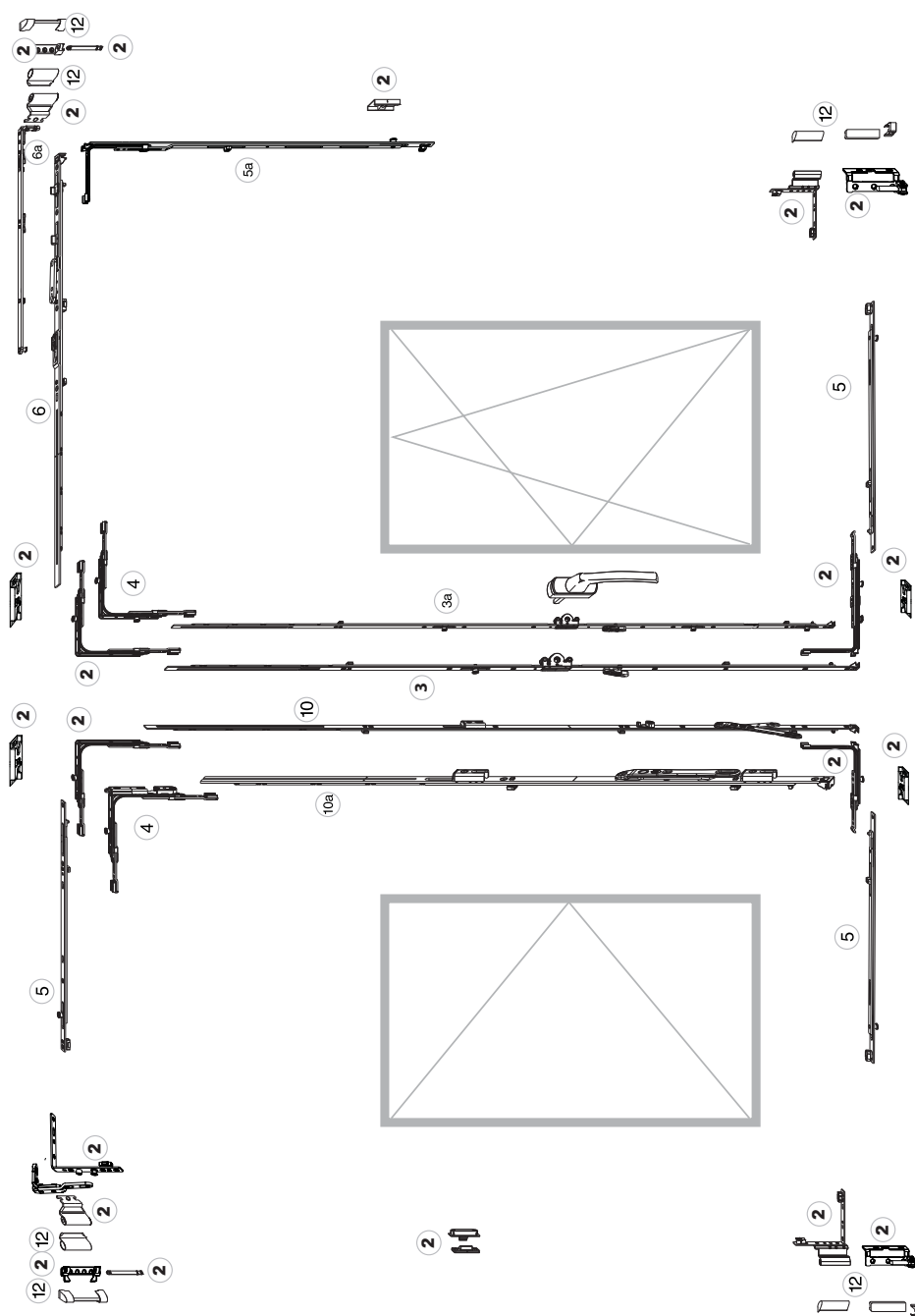
ACCESSORI DI GIUNZIONE: Si possono utilizzare gli stessi del Planet 50 Plus



COMPONENTI FERRAMENTI

- | | |
|--|--|
| ② Confezione base 1 anta/ribalta destra Planet Mat | ⑥ Frontale forbice senza aerazione |
| ③ Cremonese fix E=15 | ⑥a Braccio forbice senza aerazione |
| ⑤ Chiusura centrale prolungabile | ⑥b Forbice supplementare |
| ⑤a Chiusura angolare con fungo | ⑫ Kit di coperture cerniera e supporto forbice |

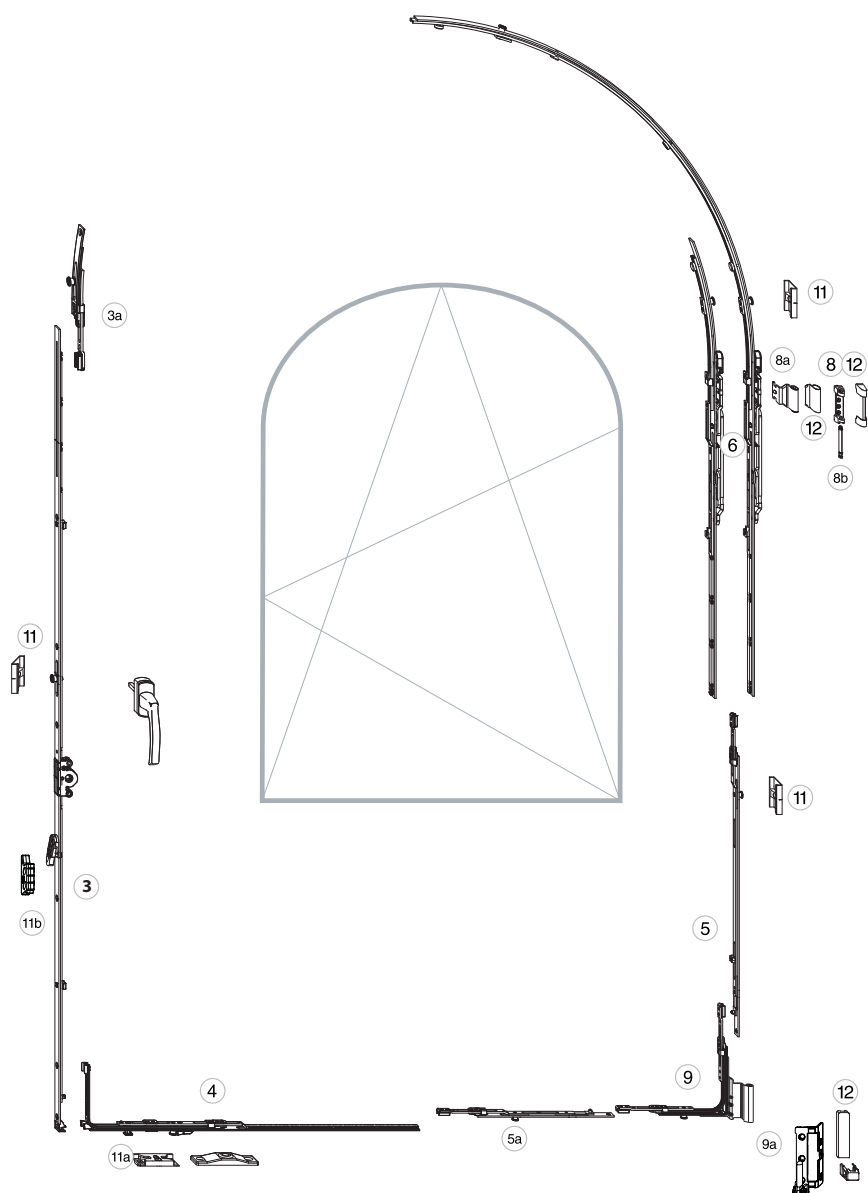
Vedi elenco accessori MATIC 50 PLUS



COMPONENTI FERRAMENTI

- | | |
|---|--|
| ② Confezione base 2 ante/ribalta Planet Matic | ⑤a Chiusura angolare con fungo |
| ③ Cremonese fix E=15 | ⑥ Frontale forbice senza aerazione |
| ③a Cremonese fix E=15 AE | ⑥a Braccio forbice senza aerazione |
| ④ Movimento angolare doppia-ribalta | ⑩ Asta a leva fix per cava ferramenta |
| ⑤ Chiusura centrale prolungabile | ⑩a Asta a leva per doppia ribalta |
| | ⑫ Kit di coperture cerniera e supporto forbice |

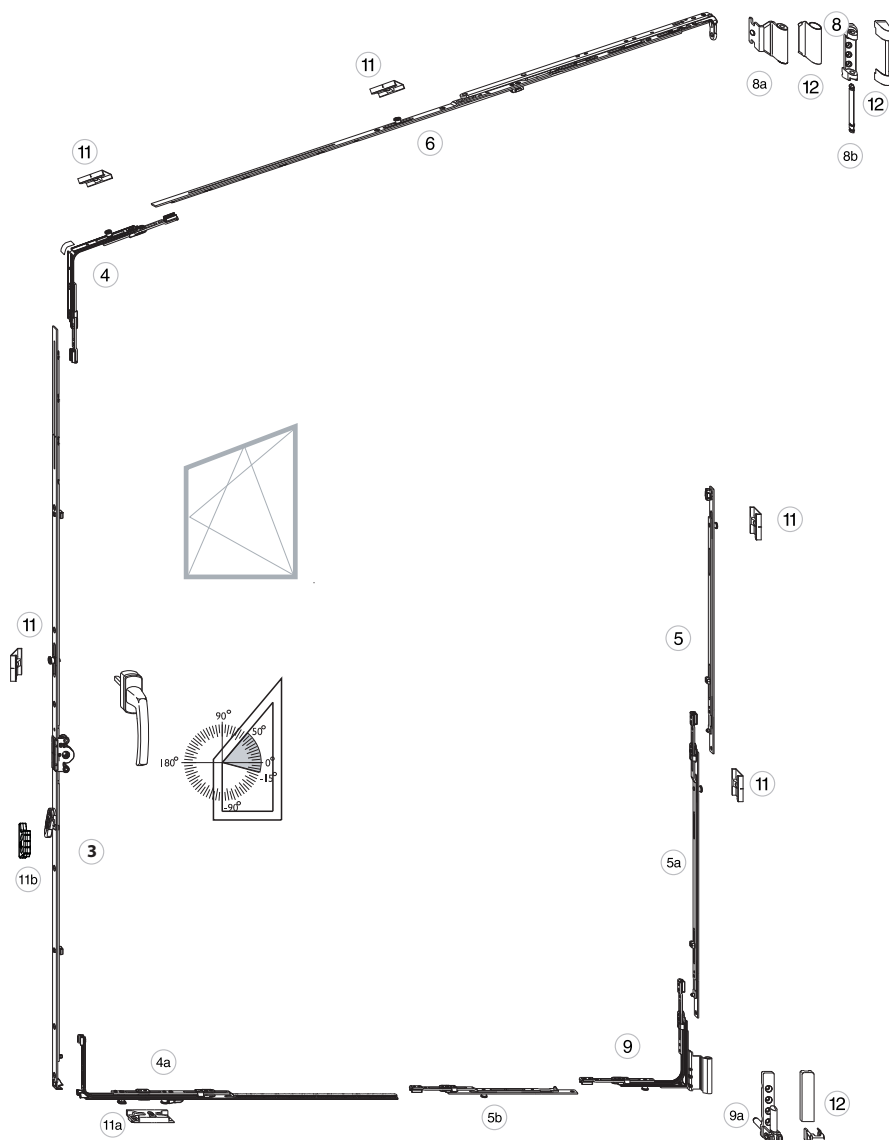
Vedi elenco accessori MATIC 50 PLUS



COMPONENTI FERRAMENTI

- | | | | |
|----|--------------------------------|-----|--|
| 3 | Cremonesi A-R | 8a | Bandella forbice |
| 3a | Terminale superiore per arco | 8b | Perno supporto forbice |
| 4 | Movimento angolare per arco | 9 | Angolo cerniera |
| 5 | Chiusura centrale prolungabile | 9a | Supporto cerniera |
| 5a | Prolunga frontale | 11 | Scontro nottolino |
| 6 | Forbici ad angolo | 11a | Scontri fungo |
| 8 | Supporto forbice | 11b | Scontri alza anta |
| | | 12 | Kit di coperture cerniera e supporto forbice |

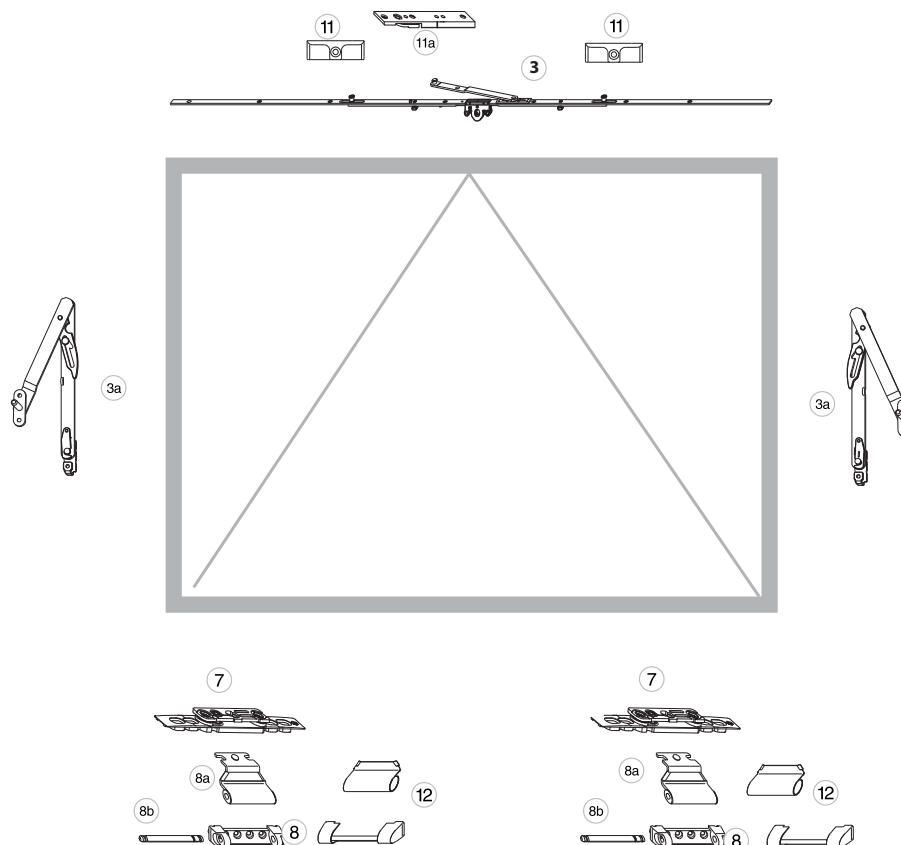
Vedi elenco accessori MATIC 50 PLUS



COMPONENTI FERRAMENTI

- | | | | |
|----|---|----|--|
| ③ | Cremonese fix E=15 | ⑧a | Bandella forbice |
| ④ | Movimento angolare con fungo per trapezio | ⑧b | Perno supporto forbice |
| ④a | Movimento angolare per arco | ⑨ | Angolo cerniera |
| ⑤ | Chiusura centrale fix | ⑨a | Supporto cerniera |
| ⑤a | Chiusura centrale prolungabile | ⑪ | Scontro nottolino |
| ⑤b | Prolunga frontale | ⑪a | Scontri fungo |
| ⑥ | Forbice con fungo per trapezio | ⑪b | Scontri alza anta |
| ⑧ | Supporto forbice | ⑫ | Kit di coperture cerniera e supporto forbice |

Vedi elenco accessori MATIC 50 PLUS



COMPONENTI FERRAMENTI

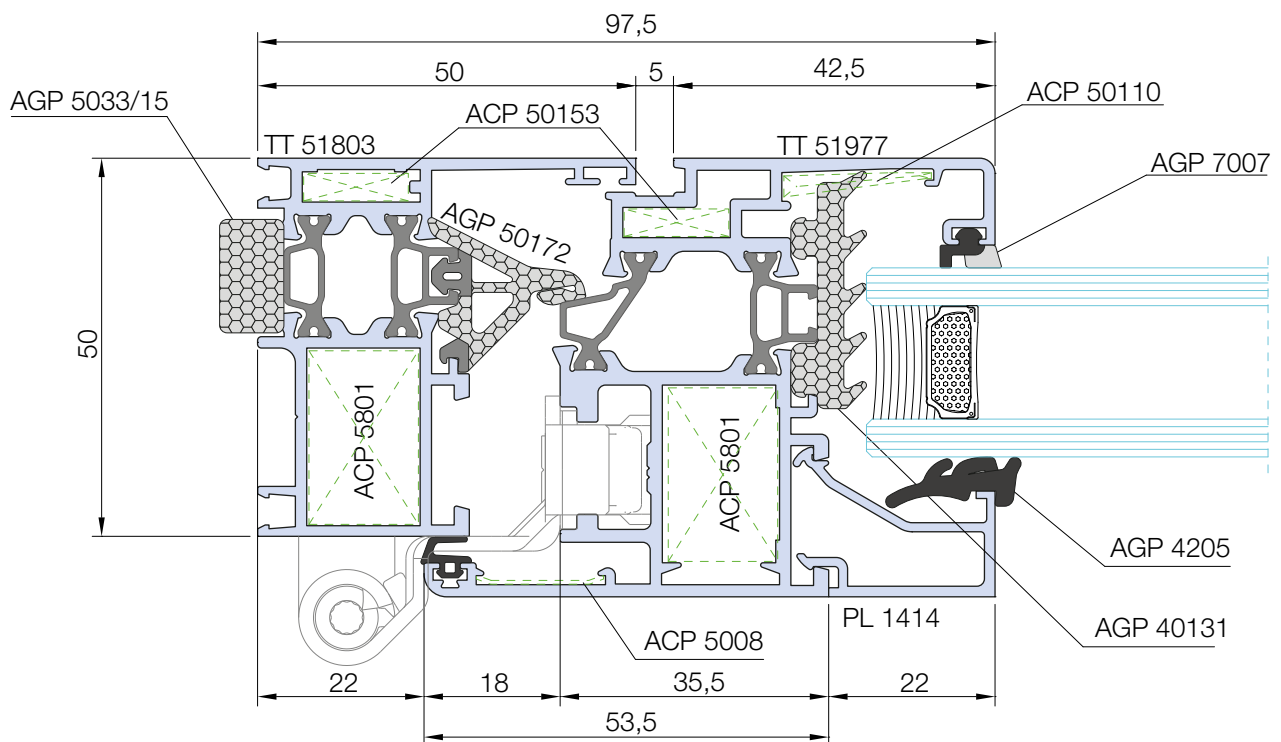
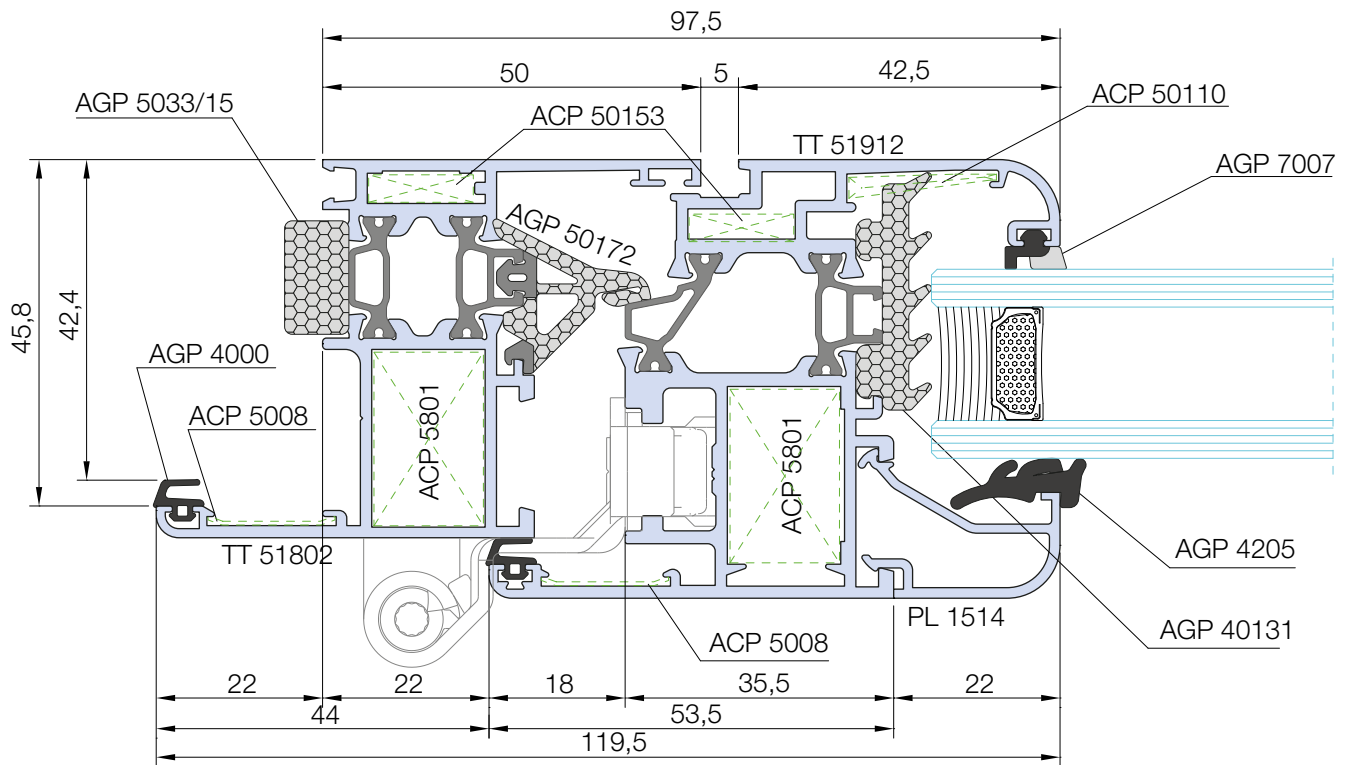
- | | | | |
|----|--|----|--|
| ③ | Asta rulli fix con forcina a ribalta | ⑧a | Bandella forcina |
| ③a | Forcina di sicurezza | ⑧b | Perno supporto forcina |
| ⑦ | Piastra cerniera ribalta/centrale regolabile | ⑪ | Scontro nottolino |
| ⑧ | Supporto forcina | ⑪a | Scontro per forcina ribalta |
| | | ⑫ | Kit di coperture cerniera e supporto forcina |

Vedi elenco accessori MATIC 50 PLUS

Nodo 01

Apertura interna - finestra a battente - nodo laterale

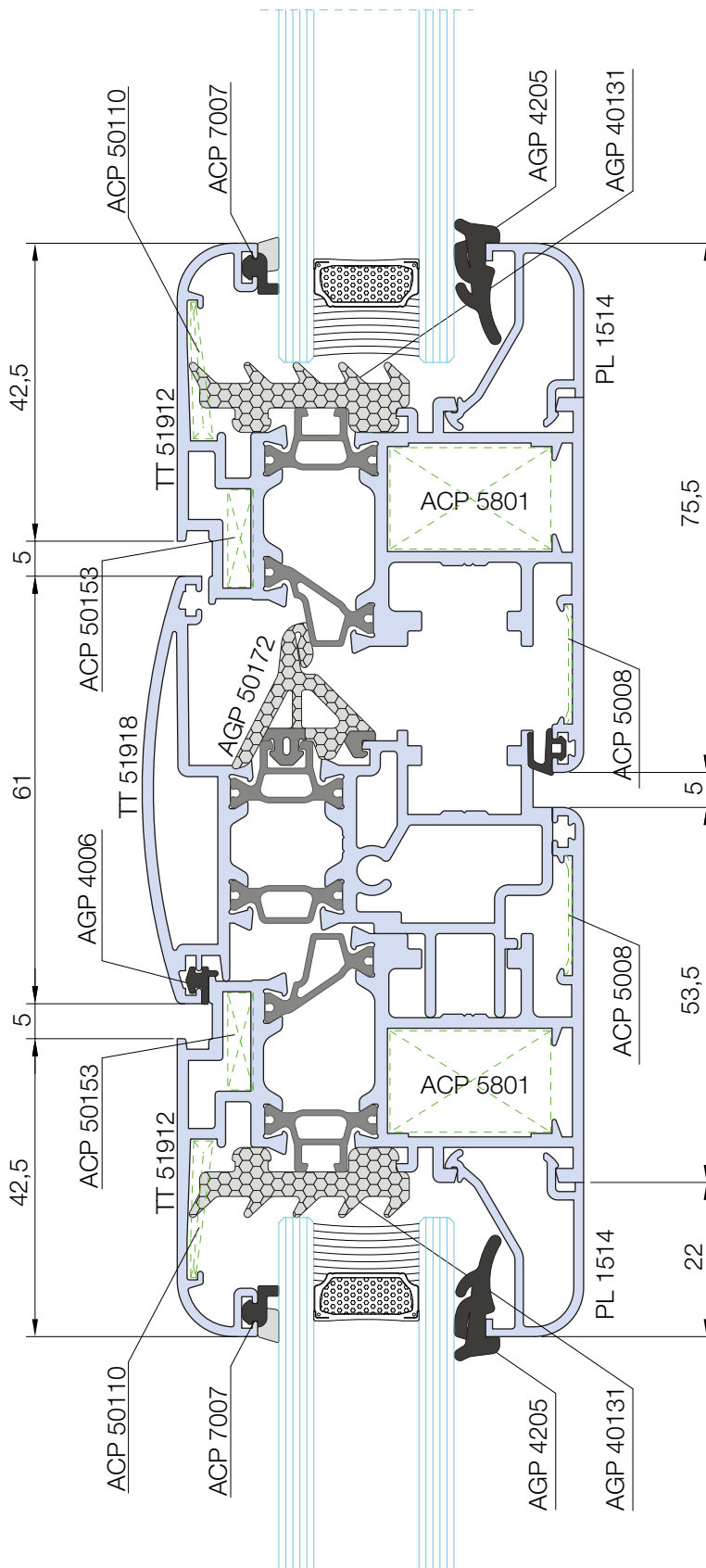
Inward opening - casement window - lateral section



Nodo 02

Apertura interna - finestra a battente - nodo centrale

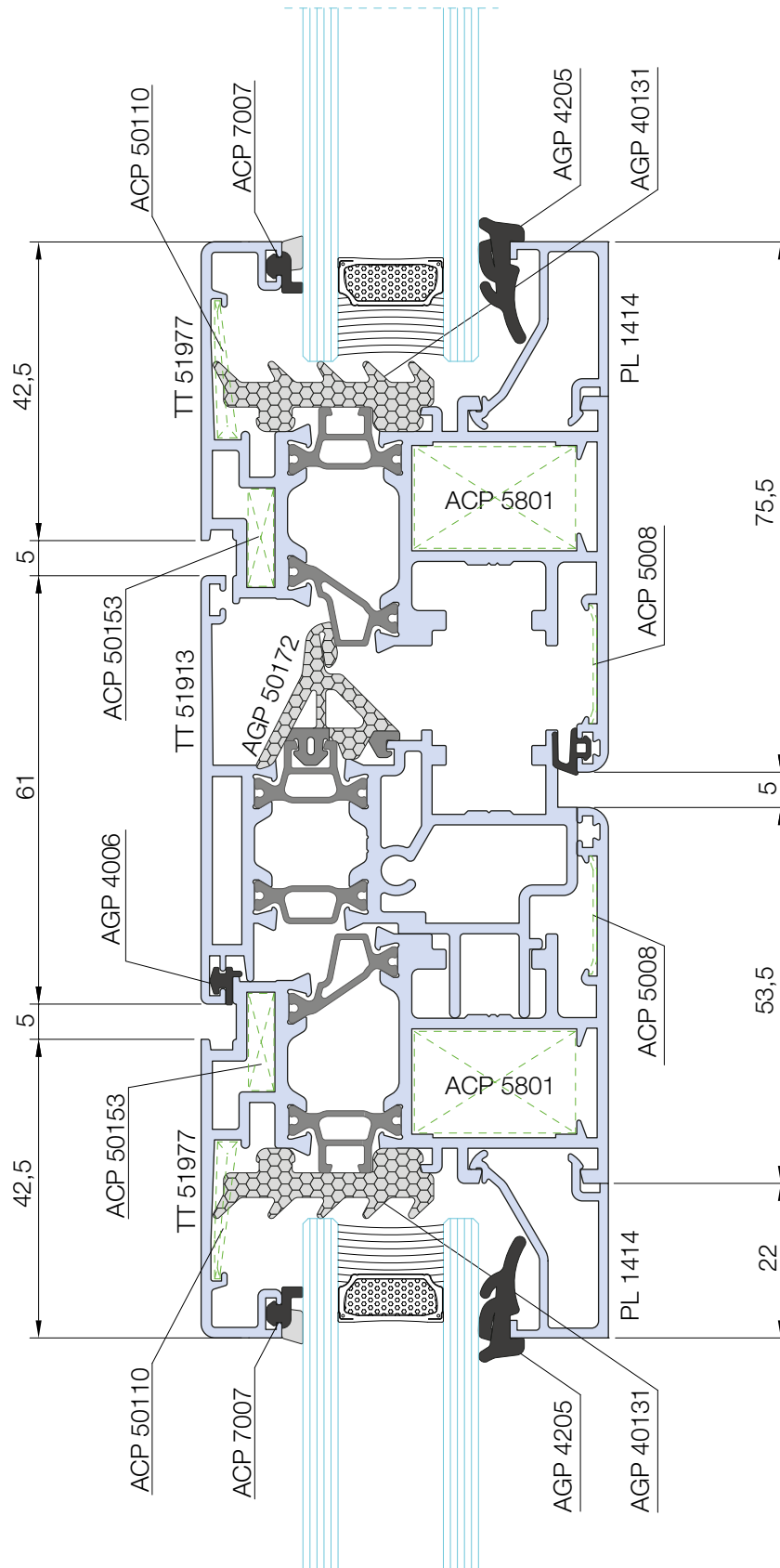
Inward opening - casement window - central section



Nodo 03

Apertura interna - finestra a battente - nodo centrale

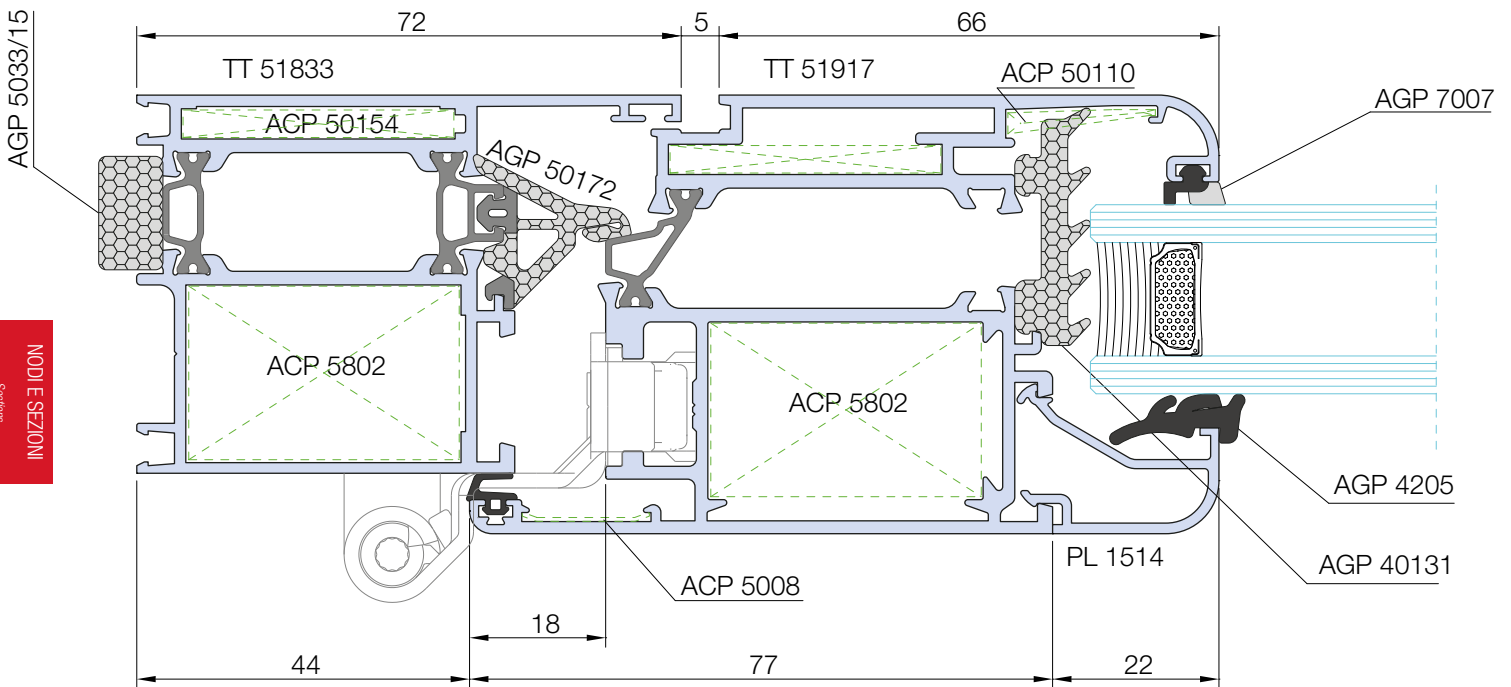
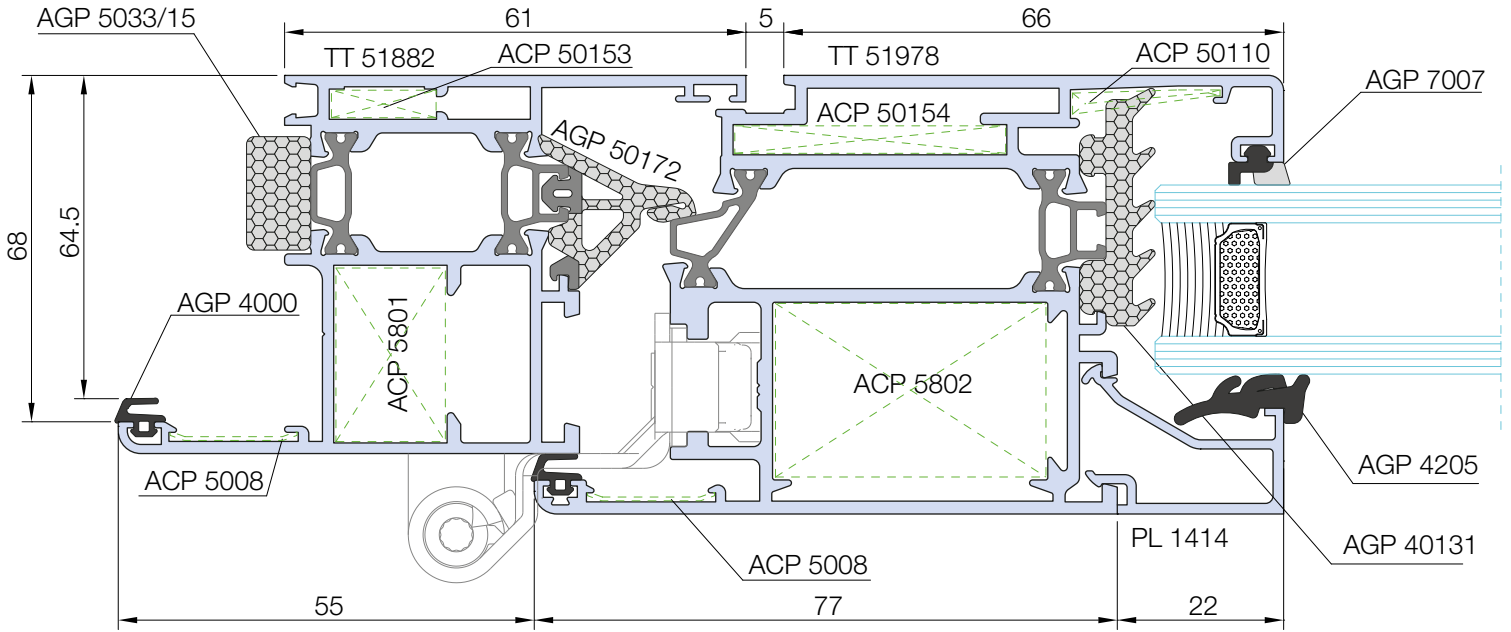
Inward opening - casement window - central section



Nodo 04

Apertura interna - porta a battente - nodo laterale

Inward opening - casement door - lateral section

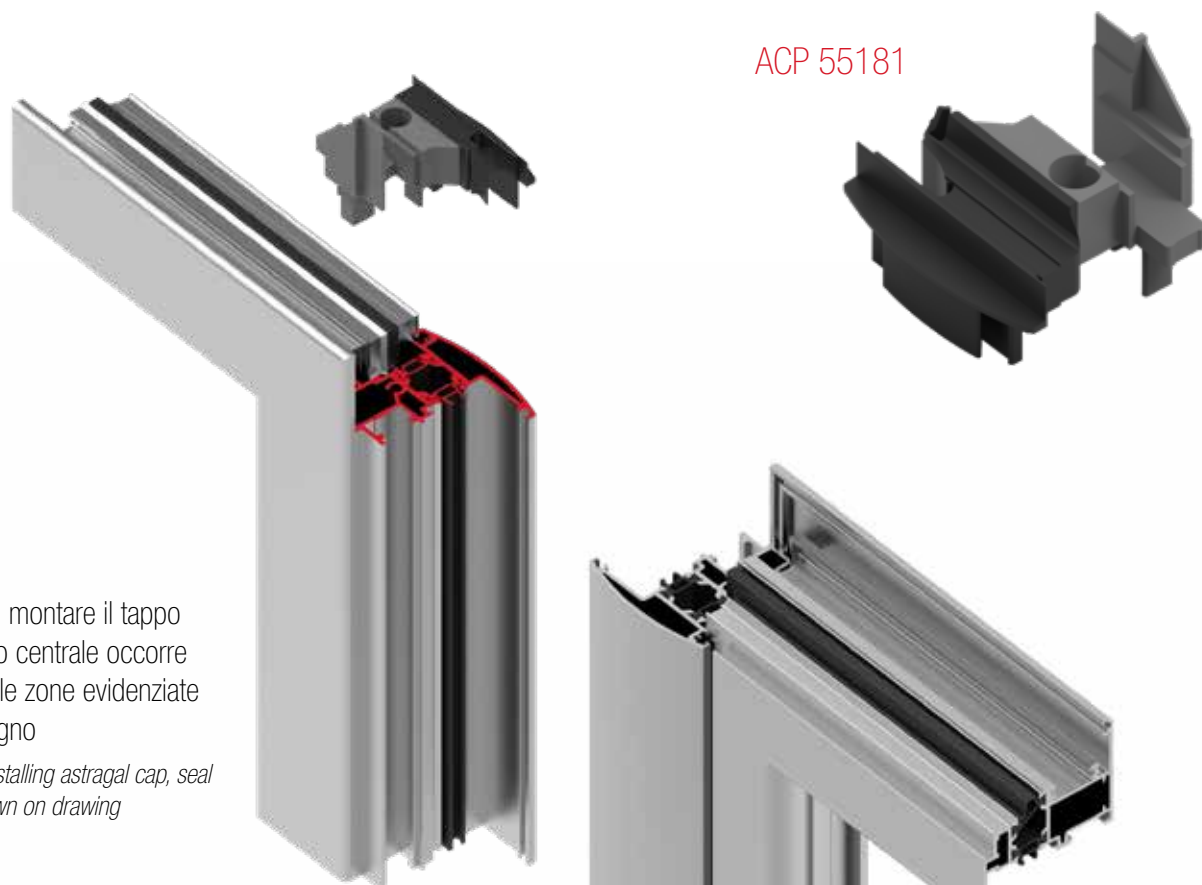


NODI E SEZIONI
Sections

1

Montaggio tappo riporto centrale ACP 55181

Application of the central cap ACP 55181



1

Prima di montare il tappo di riporto centrale occorre sigillare le zone evidenziate nel disegno

Before installing astragal cap, seal area shown on drawing

2

Avvitare con vite TC-CEA 4,8

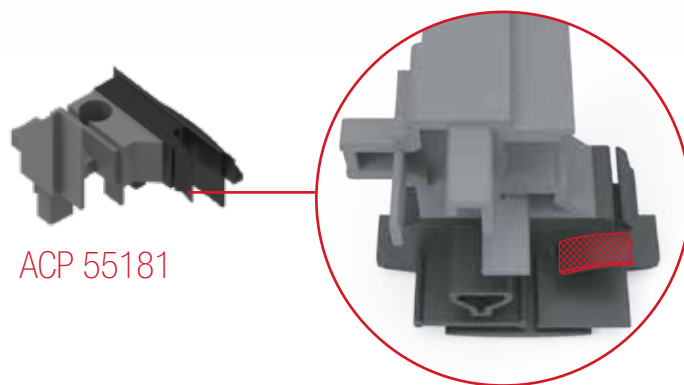
After the cap, place the central fin, gluing the contact area



3

Dopo aver inserito il tappo accostare la guarnizione centrale, incollando la zona di contatto, come evidenziato in figura

After fitting the cap, place the central fin, gluing the contact area



ACP 55181





Info prodotto 2107

09.02.2021

KIT CERNIERE VASISTAS SECRET

È disponibile il nuovo kit Cerniere Vasistas Secret.

Queste cerniere a scomparsa consentono di avere una pulizia estetica del serramento.

Articolo	Descrizione
 <p>ACP 5166</p>	SECRET - Kit Cerniere VASISTAS per infissi fino a 2.500 mm di larghezza: cerniera DX e SX e 2 Alzante
 <p>ACP 5167</p>	SECRET - Sostegno anta da abbinare al kit ACP 5166 da utilizzare in ante con larghezza maggiore di 1.500 mm

Il sistema deriva dalle cerniere SECRET già adottate sui sistemi ALSistem nelle applicazioni per anta e anta ribalta.

Questa soluzione permette di arrivare fino a **250 kg di portata massima**.

Si possono realizzare **aperture fino a 2500 mm**.

Le **regolazioni in altezza e compressione** consentono di ottenere il massimo grado di tenuta.

L'utilizzo degli **elementi riposa anta** consente di scaricare il peso su questi senza andare a gravare sulle cerniere.

L'**apertura a 180°** facilita notevolmente l'installazione e permette la pulizia esterna.

Nelle pagine seguenti trovate indicazioni relative alla portata, alle dimensioni, all'installazione e alle regolazioni.

EasyDoor	
Ecoslim 50 TT	●
Ecoslim 62 TT	●
Ecoslim 72 TT	●
Elite Door 72	
Door 62	
Door 72	
Sirio 50	
Smart 30	●
Planet 45	●
Planet 50 TT	●
Planet 50 PLUS	●
Planet 62 TT	●
Planet 62 PLUS	●
Planet 72 HT	●
Planet 72 PLUS	●
3G	●
Fullglazing	●
Matic 50	
Matic 50 PLUS	
Matic 62 TT	
Matic 62 PLUS	
Matic 72	
Matic 72 PLUS	
3G Matic	
Nathura 59	
Nathura 70	
Nathura 82	
Nathura 92	
Slide 60	
Slide 65	
Slide 80/106 PLUS	
Topslide 160 PLUS	
Slidewood 160	
Topslidewood 214	
Panoramico	
Balconi e balaustre	



Info prodotto 2107

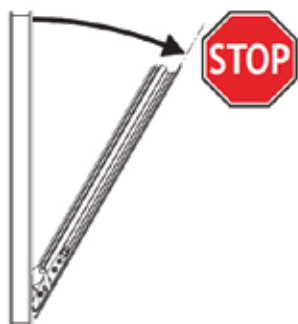
09.02.2021

alsistem.com

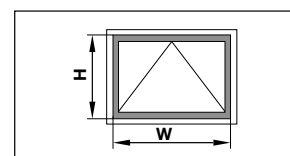
KIT CERNIERE VASISTAS SECRET

PORTATA 250 kg

Sarà il sistema di limitazione dell'apertura utilizzato (vedi sotto) a determinare il peso massimo realizzabile dell'infisso.



Obligatorio: limitatore di apertura.
Mandatory: Opening limiter

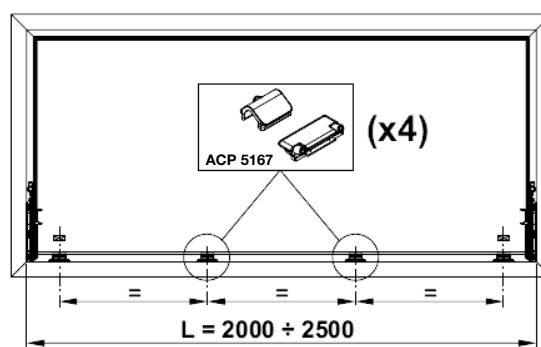
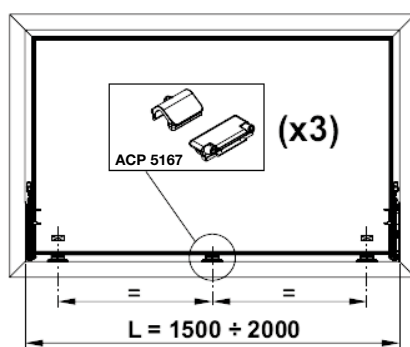
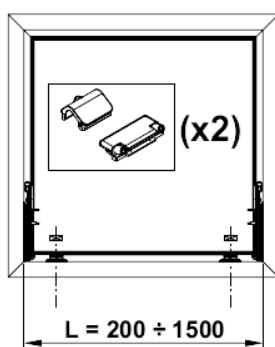


Descrizione / Description	Art./Item	KG	W (mm)	H (mm)
Braccio limitatore di apertura	ACP 5165	130 kg	200÷2500	420÷2500
Kit vasistas	ACP 5171	250 kg	780÷2500	600÷3000

LARGHEZZA MASSIMA 2.500 mm

1.500 ÷ 2.000 mm (+ 1 elemento riposa ante)

2.000 ÷ 2.500 mm (+ 2 elementi riposa ante)





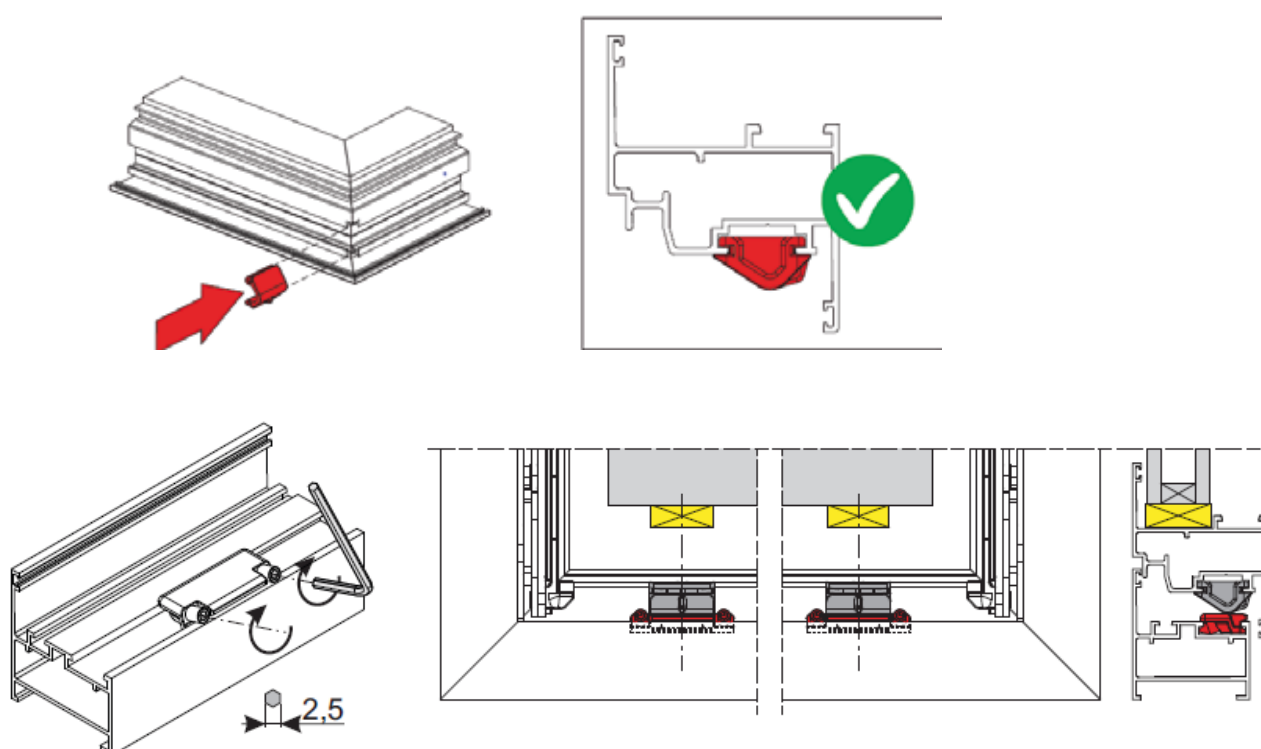
Info prodotto 2107

09.02.2021

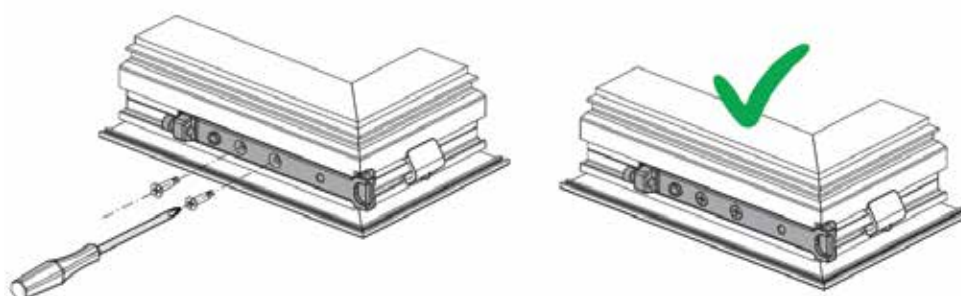
KIT CERNIERE VASISTAS SECRET

SEQUENZA DI INSTALLAZIONE

1 Sostegno anta



2 Componente ANTA



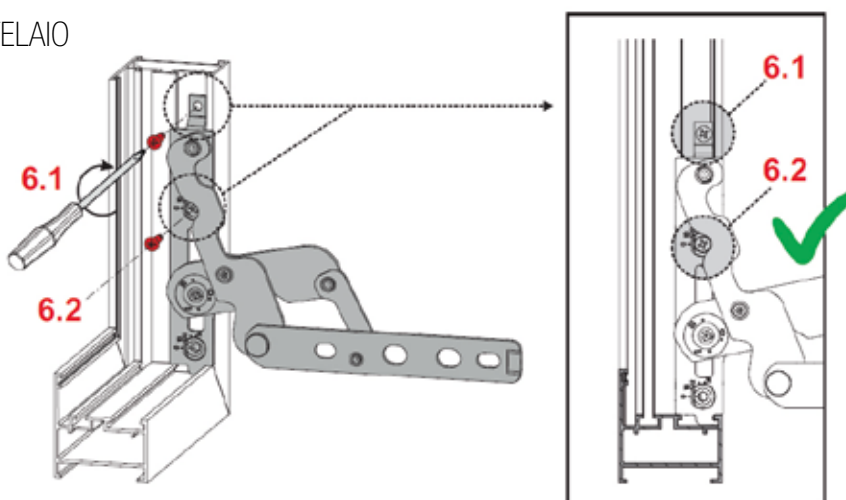


Info prodotto 2107
09.02.2021

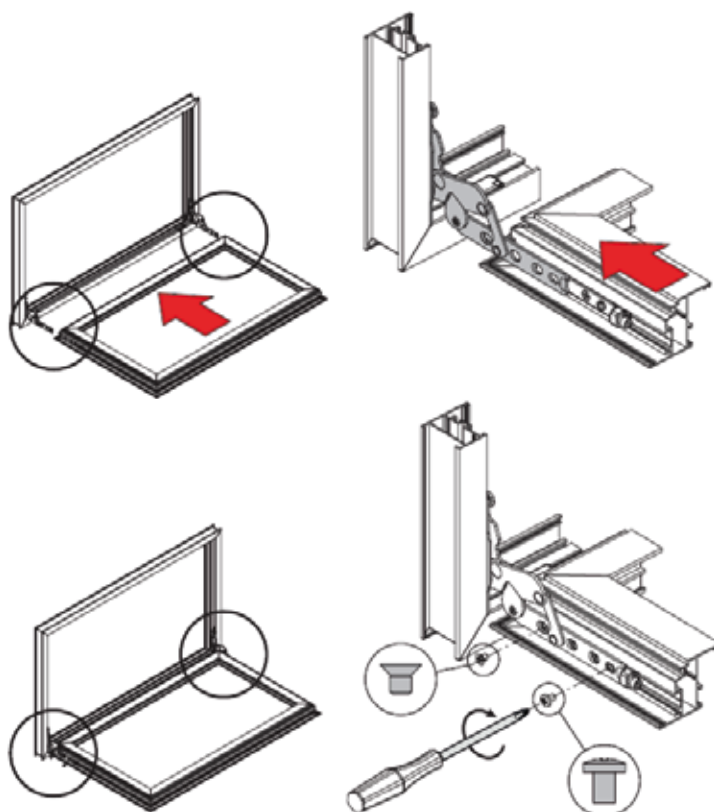
alsistem.com

KIT CERNIERE VASISTAS SECRET SEQUENZA DI INSTALLAZIONE

3 Componente TELAIO



4 Unione anta a telaio





Info prodotto 2107

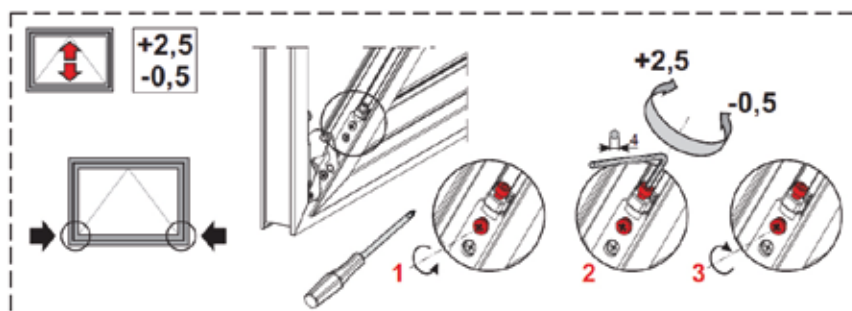
09.02.2021

KIT CERNIERE VASISTAS SECRET

REGOLAZIONI

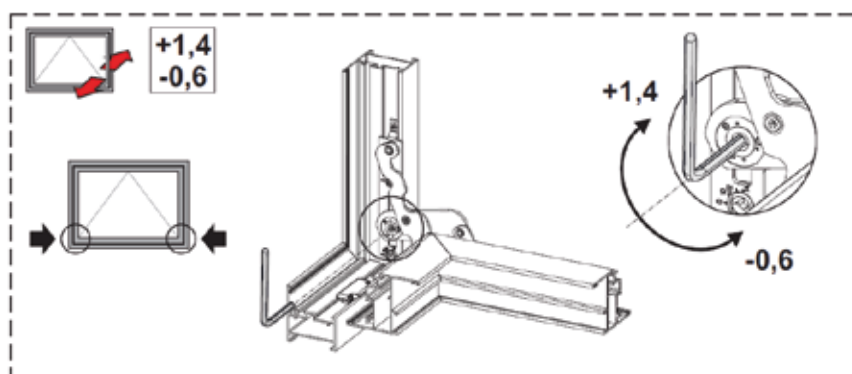
Regolazione in **altezza**:

+ 2,5 ÷ - 0,5 mm



Regolazione in **compressione**:

+ 1,4 ÷ - 0,6 mm





Info prodotto 2201

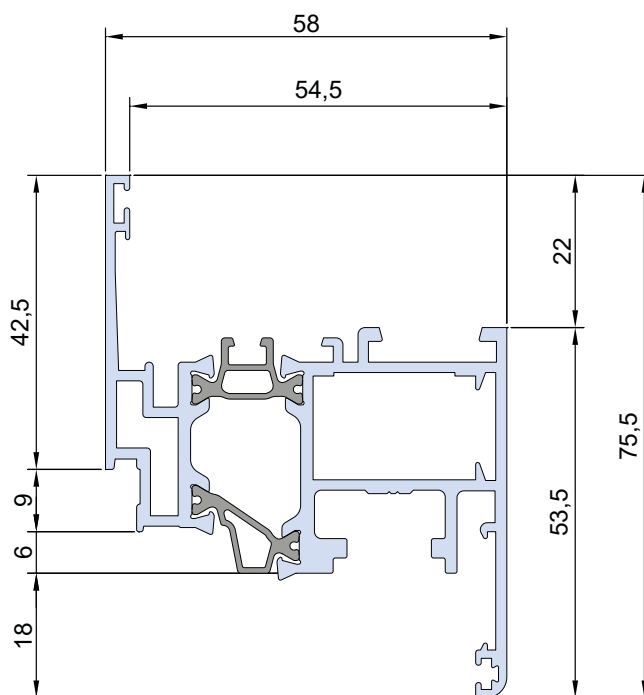
1.06.2022

alsistem.com

Anta liscia Planet Plus/UP versione MATIC

Informiamo che è disponibile il profilo **anta liscia** per i sistemi **Planet Plus/UP versione MATIC**.

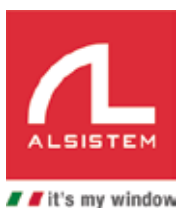
Di seguito trovate le sagome dei vari profili con i relativi codici e dei nodi realizzati a scopo dimostrativo sulla serie PLANET 62 UP.



TT 51911

1568 gr/m

EasyDoor
Ecoslim 50 TT
Ecoslim 62 TT
Ecoslim 62 UP
Ecoslim 72 TT
Ecoslim 72 UP
Elite Door 72
Door 62
Door 72
Sirio 50
Smart 30
Planet 45
Planet 50 PLUS
Planet 62 PLUS
Planet 62 UP
Planet 72 PLUS
Planet 72 UP
● Matic 50 PLUS
● Matic 62 PLUS
● Matic 62 UP
● Matic 72 PLUS
● Matic 72 UP
3G
3G UP
Matic 3G
Matic 3G UP
Nathura 59
Nathura 70
Nathura 82
Nathura 92
Slide 60
Slide 65
Slide 80/106 PLUS
Topslide 160 PLUS
Slidewood 160
Topslidewood 214
Panoramico

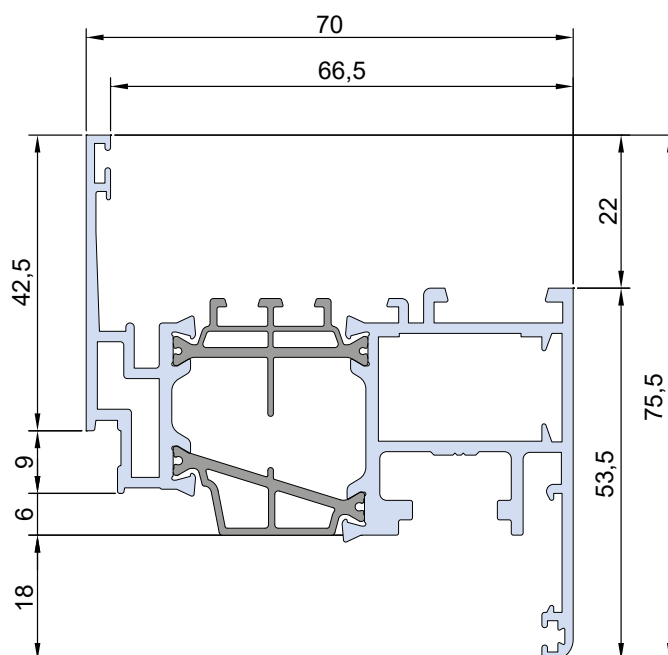


Info prodotto 2201

1.06.2022

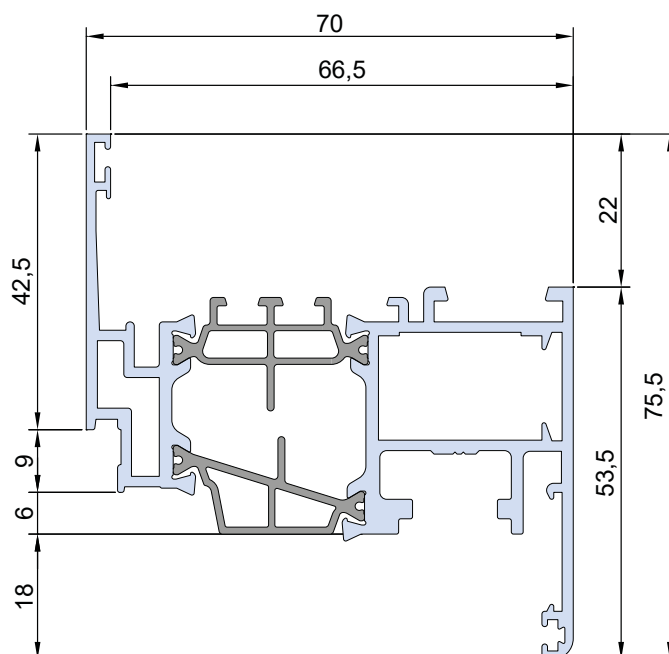
TT 61911

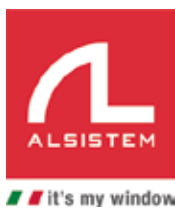
1659 gr/m



UP 61911

1617 gr/m





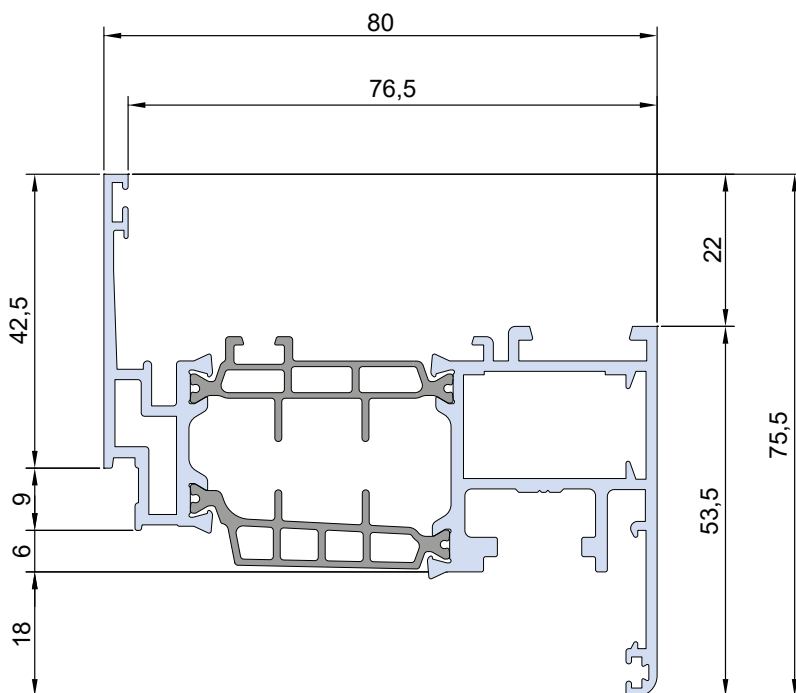
Info prodotto 2201

1.06.2022

alsistem.com

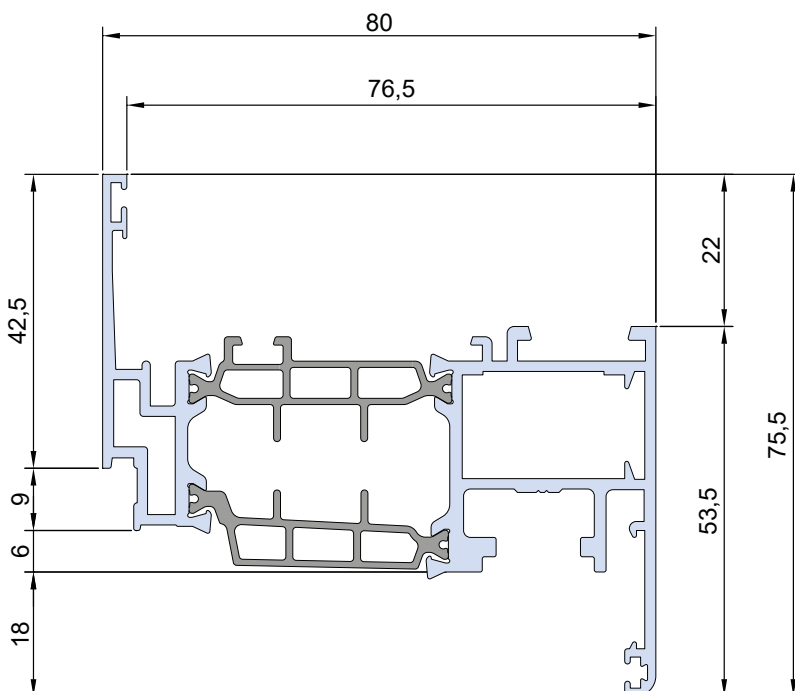
TT 71911

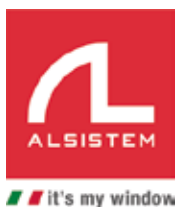
1727 gr/m



UP 71911

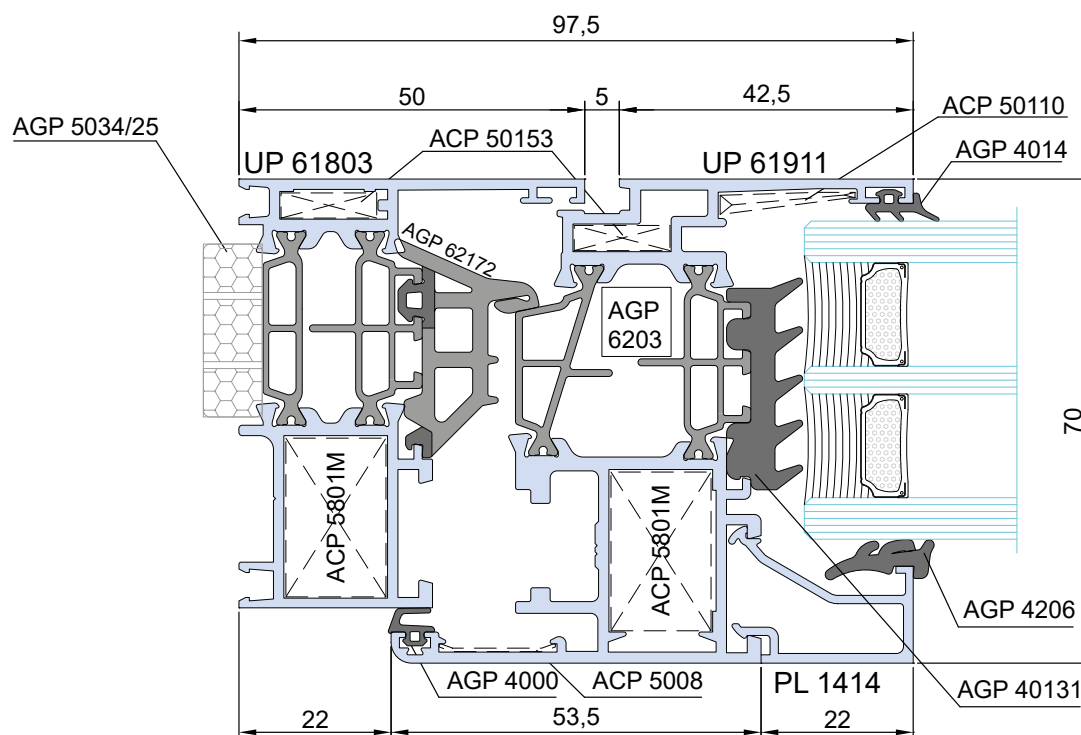
1650 gr/m





Info prodotto 2201

1.06.2022

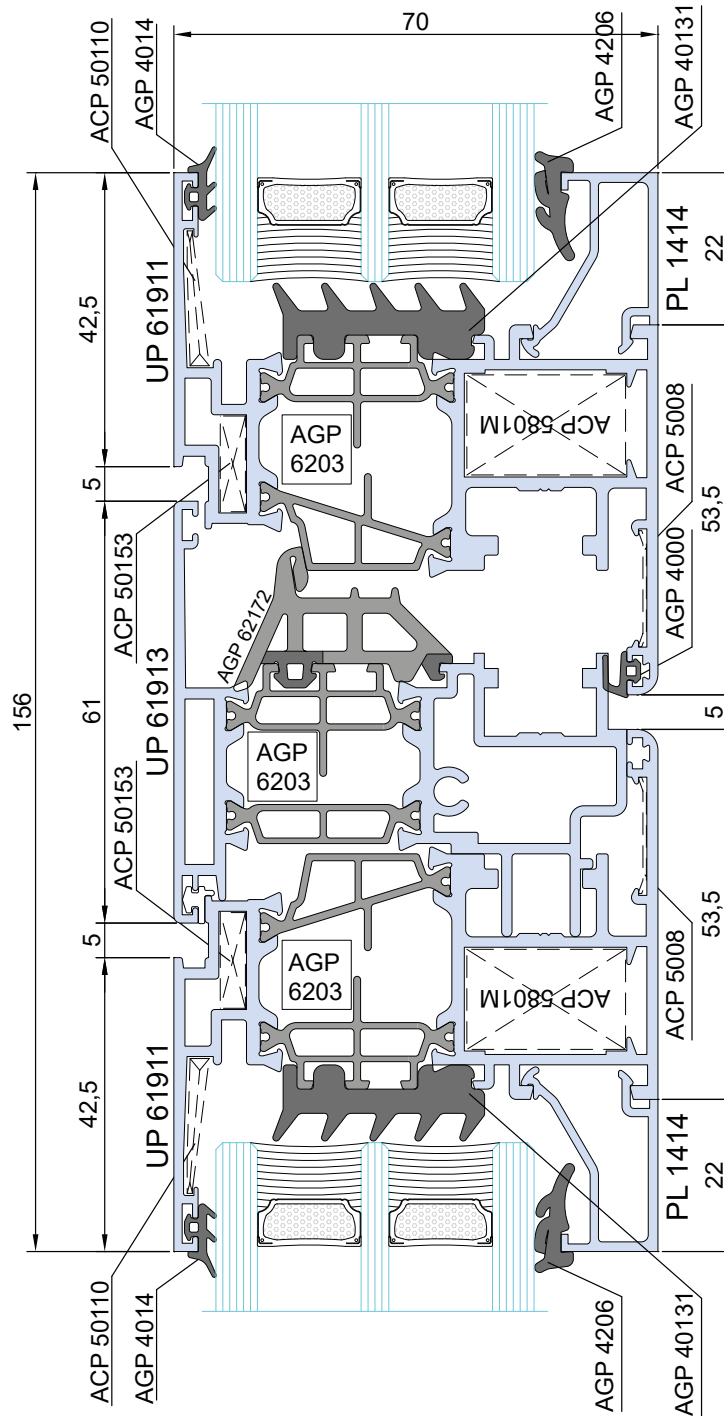




Info prodotto 2201

1.06.2022

alsistem.com



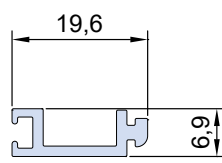


Info prodotto 2204

01.06.2022

PL 15007 Riduttore Spalla Telaio

Informiamo che è disponibile il profilo **PL 15007** riduttore spalla telaio per i sistemi **3G, Ecoslim e Planet**. Di seguito trovate la sagoma del profilo con relativo codice e nodo realizzato a scopo dimostrativo sulla serie Planet 62 UP.



PL 15007

147 gr/m

EasyDoor	
Ecoslim 50 TT	●
Ecoslim 62 TT	●
Ecoslim 62 UP	●
Ecoslim 72 TT	●
Ecoslim 72 UP	●
Elite Door 72	
Door 62	
Door 72	
Sirio 50	
Smart 30	
Planet 45	●
Planet 50 PLUS	●
Planet 62 PLUS	●
Planet 62 UP	●
Planet 72 PLUS	●
Planet 72 UP	●
Matic 50 PLUS	●
Matic 62 PLUS	●
Matic 62 UP	●
Matic 72 PLUS	●
Matic 72 UP	●
3G	●
3G UP	●
Matic 3G	
Matic 3G UP	
Nathura 59	
Nathura 70	
Nathura 82	
Nathura 92	
Slide 60	
Slide 65	
Slide 80/106 PLUS	
Topslide 160 PLUS	
Slidewood 160	
Topslidewood 214	
Panoramico	

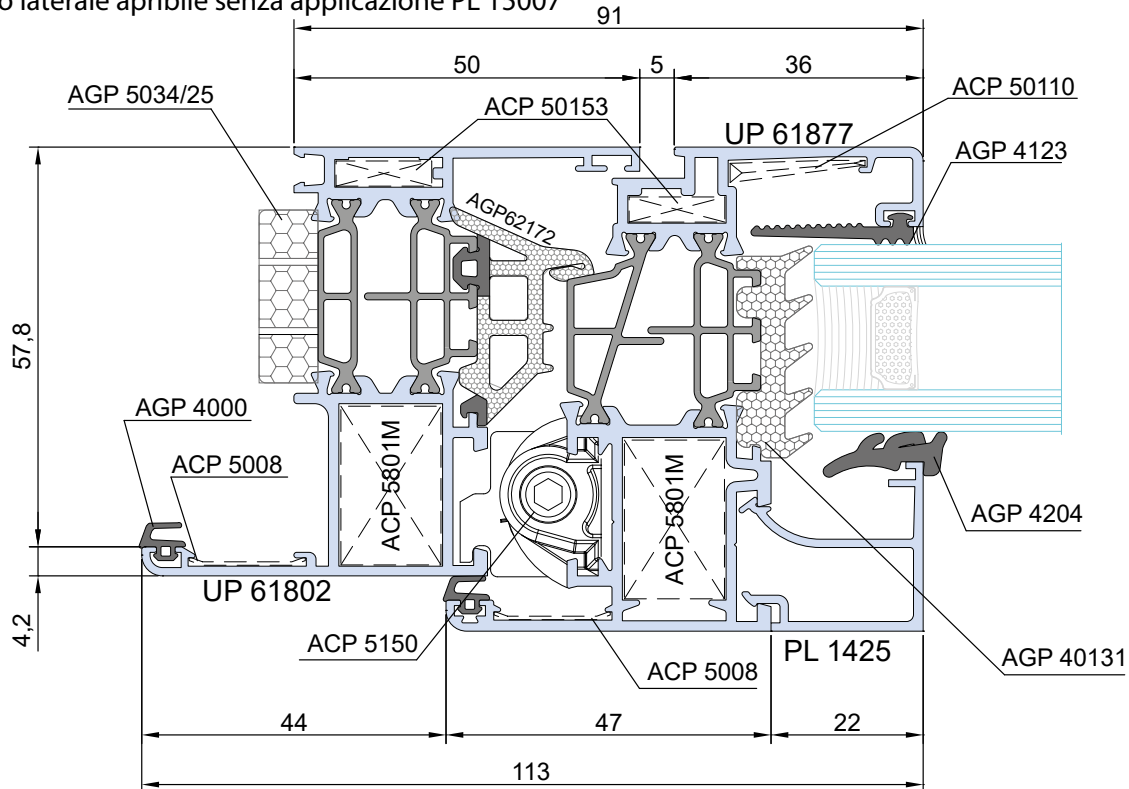


Info prodotto 2204

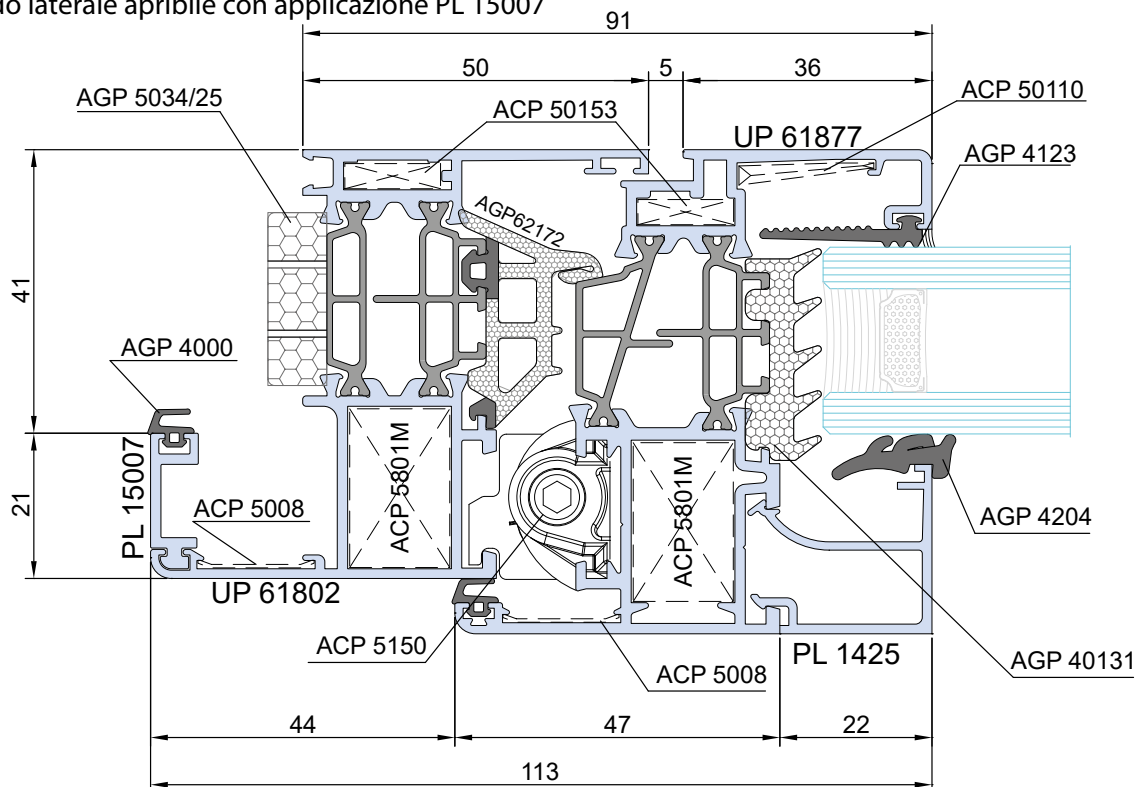
01.06.2022

it's my window

Nodo laterale apribile senza applicazione PL 15007



Nodo laterale apribile con applicazione PL 15007





Info prodotto 2207

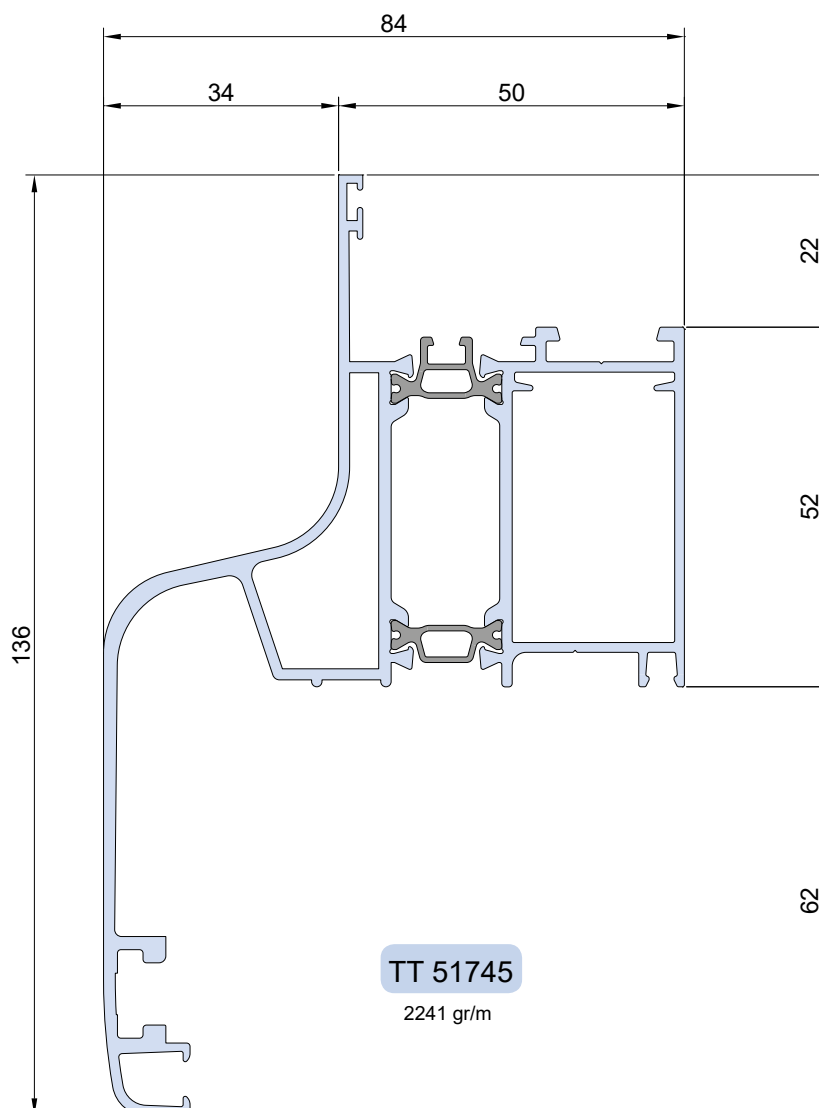
01.06.2022



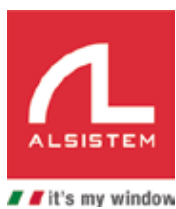
Telaio capannoni Planet Plus/UP

È disponibile il nuovo profilo **telaio per capannoni** per le serie **Planet Plus/UP**.

Di seguito trovate le sagome dei vari profili con i relativi codici e il nodo realizzato a scopo dimostrativo sulla serie PLANET 62 UP.

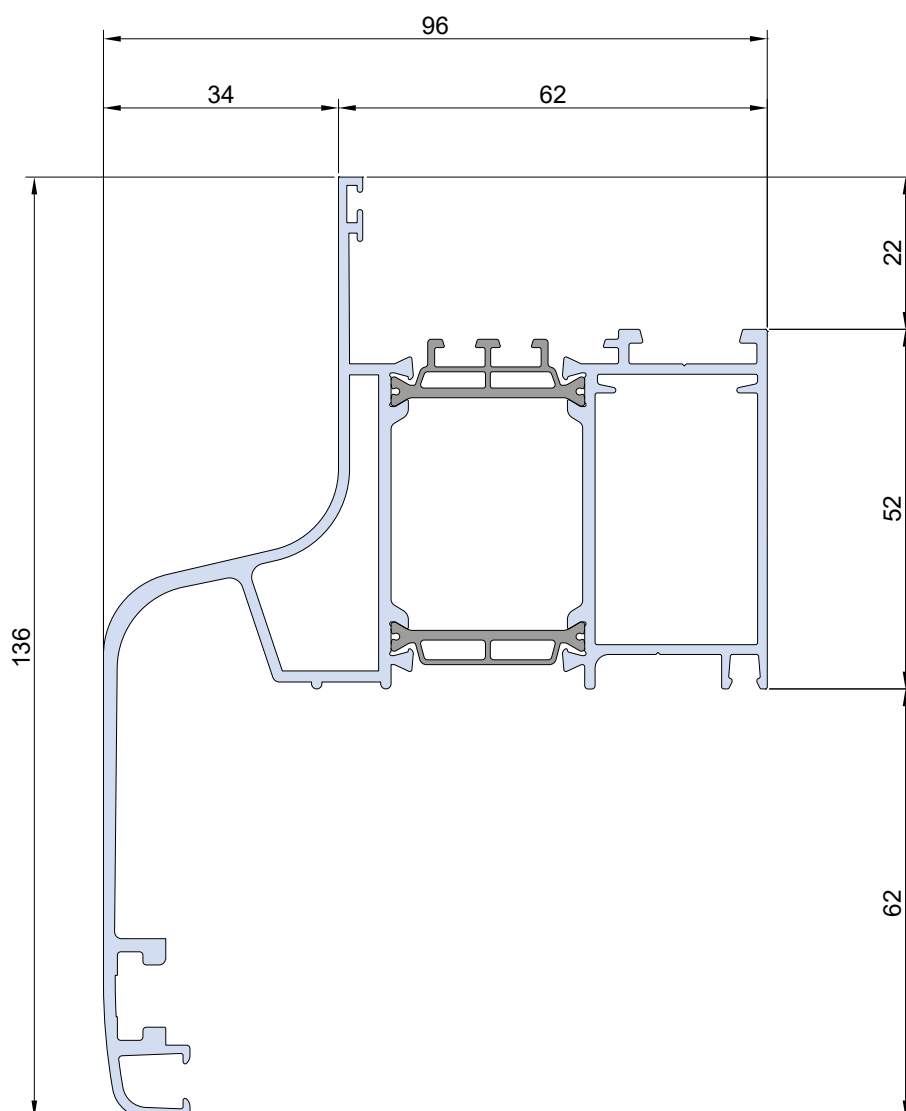


EasyDoor
Ecoslim 50 TT
Ecoslim 62 TT
Ecoslim 62 UP
Ecoslim 72 TT
Ecoslim 72 UP
Elite Door 72
Door 62
Door 72
Sirio 50
Smart 30
Planet 45
● Planet 50 PLUS
● Planet 62 PLUS
● Planet 62 UP
● Planet 72 PLUS
● Planet 72 UP
Matic 50 PLUS
Matic 62 PLUS
Matic 62 UP
Matic 72 PLUS
Matic 72 UP
3G
3G UP
Matic 3G
Matic 3G UP
Nathura 59
Nathura 70
Nathura 82
Nathura 92
Slide 60
Slide 65
Slide 80/106 PLUS
Topslide 160 PLUS
Slidewood 160
Topslidewood 214
Panoramico



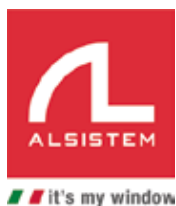
Info prodotto 2207

01.06.2022



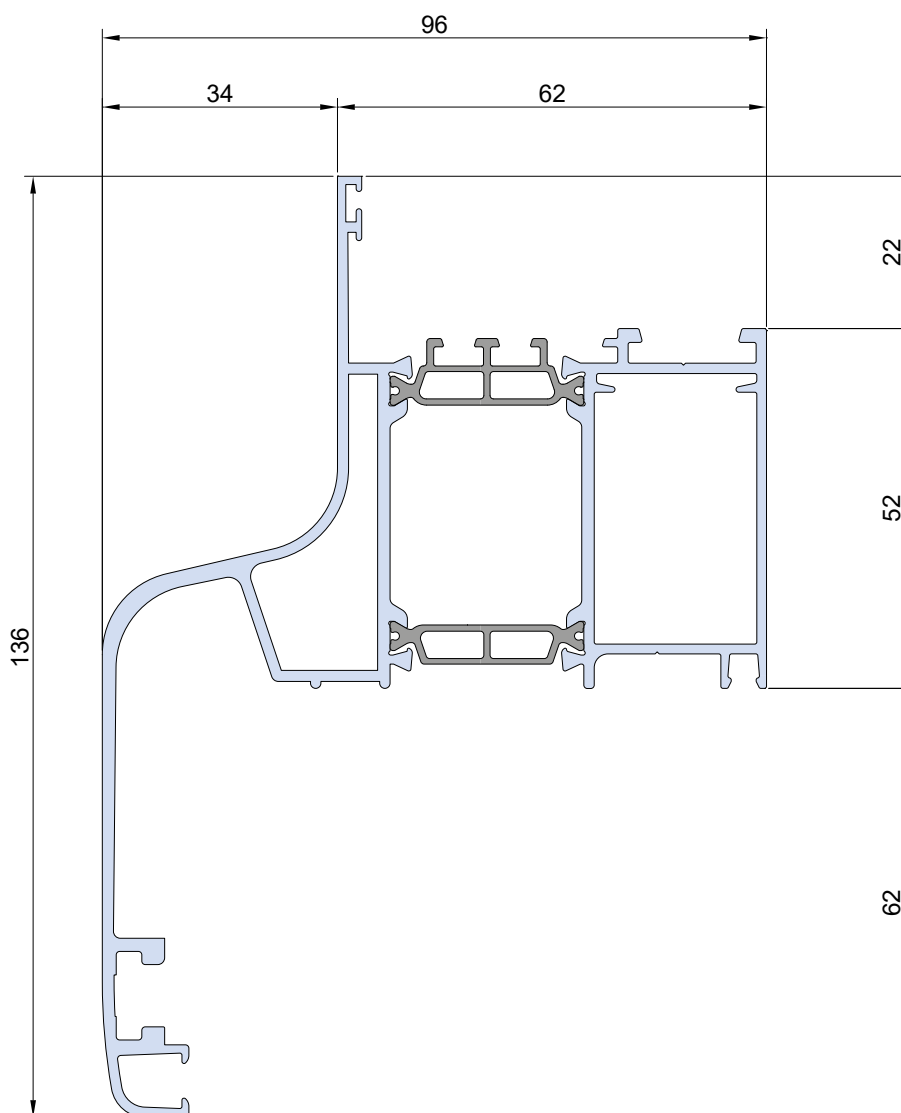
TT 61745

2315 gr/m



Info prodotto 2207

01.06.2022



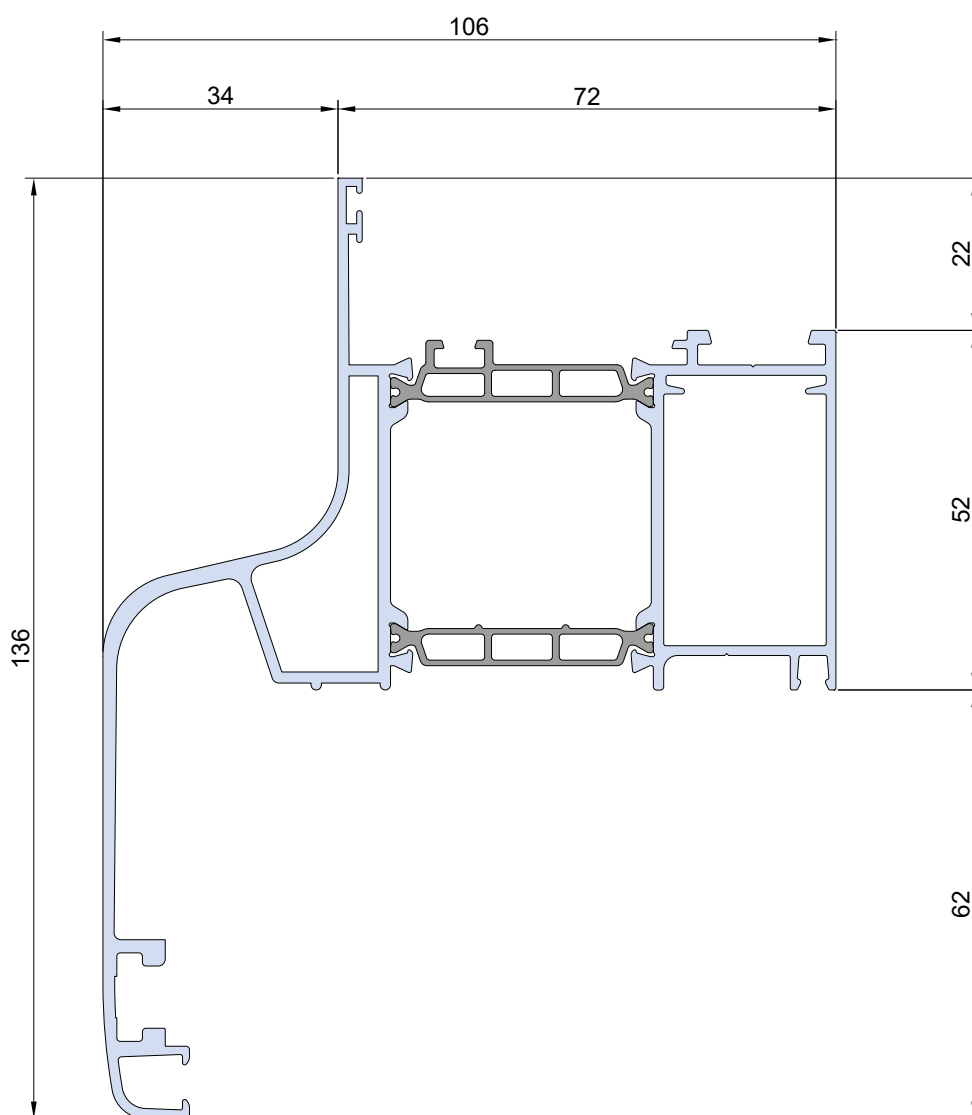
UP 61745

2276 gr/m



Info prodotto 2207

01.06.2022



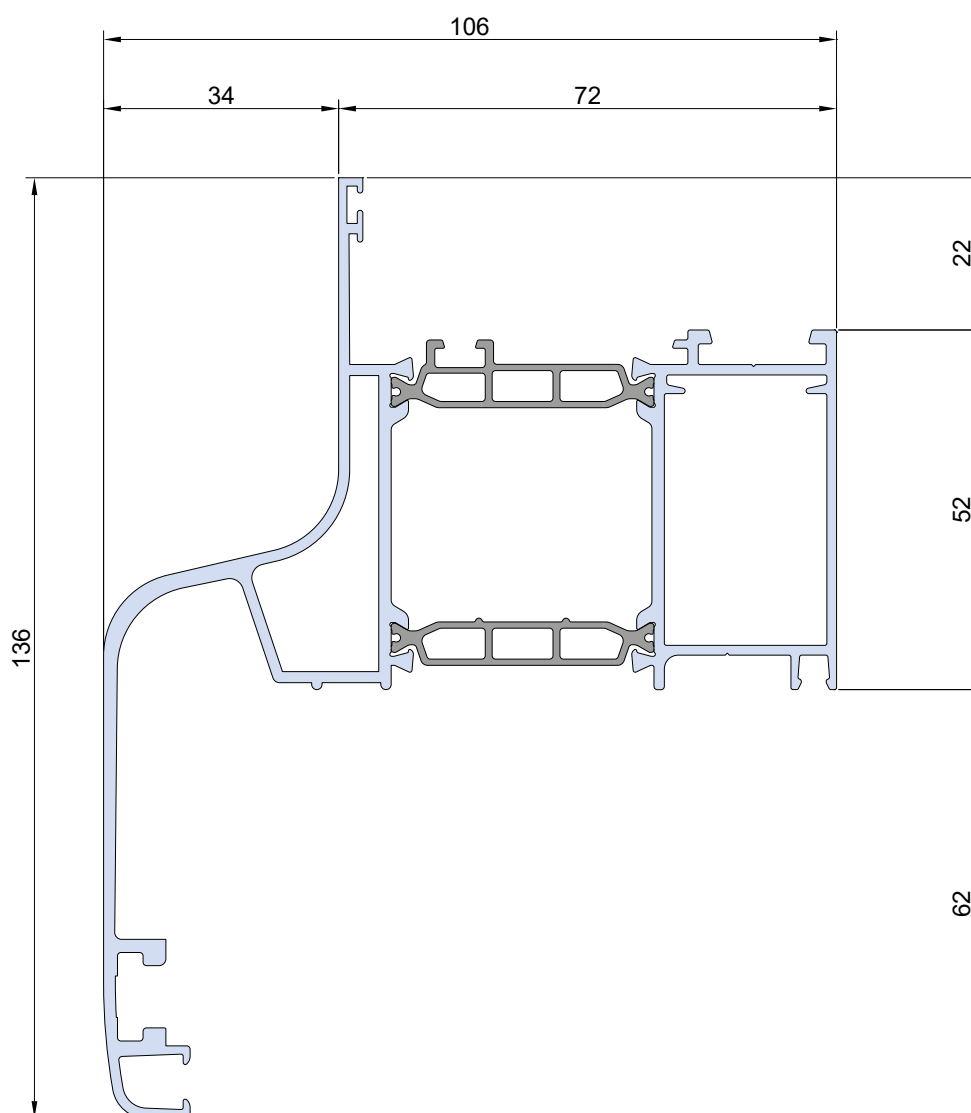
TT 71745

2356 gr/m



Info prodotto 2207

01.06.2022



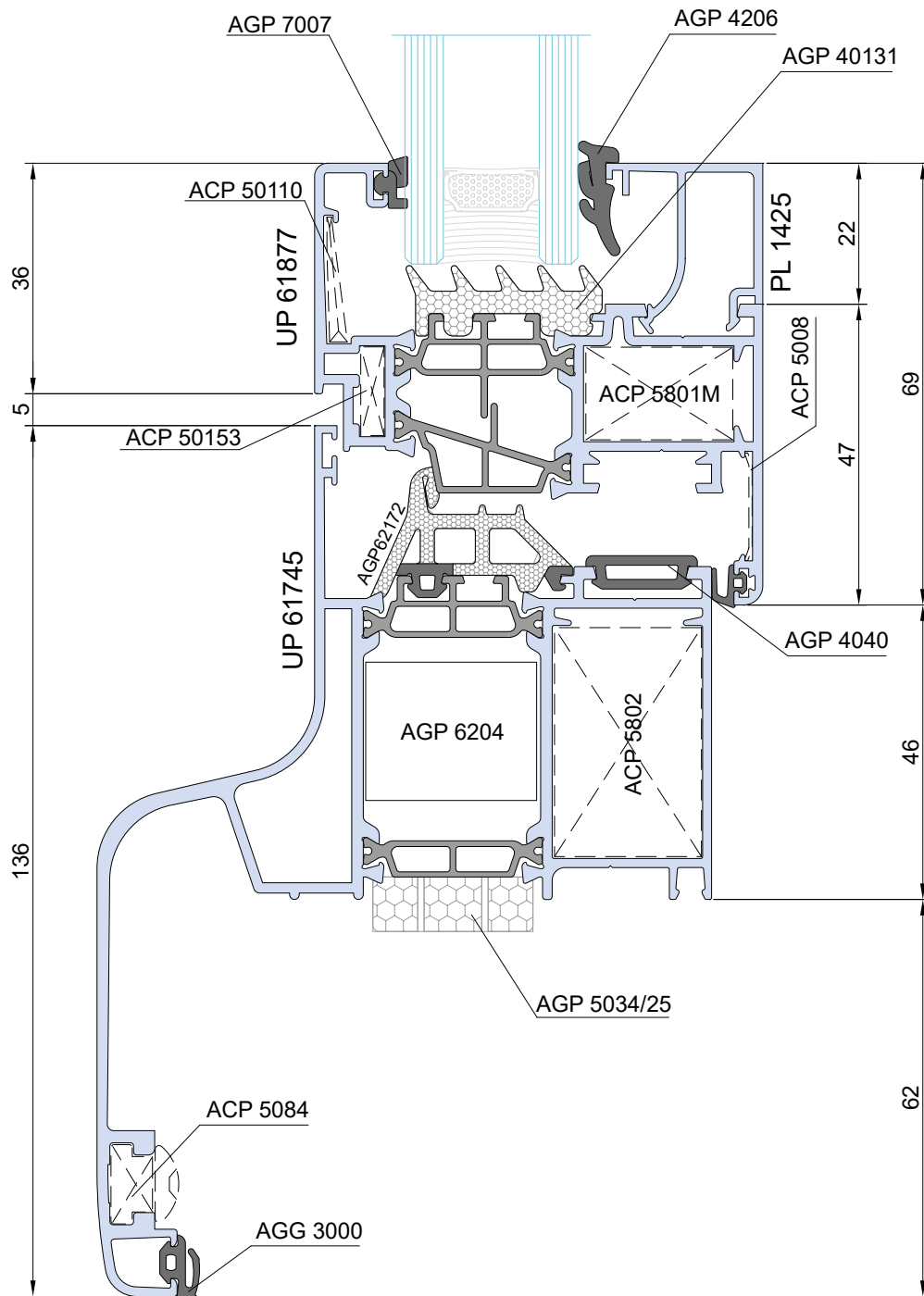
UP 71745

2296 gr/m



Info prodotto 2207

01.06.2022





Info prodotto 2303

18.05.2023

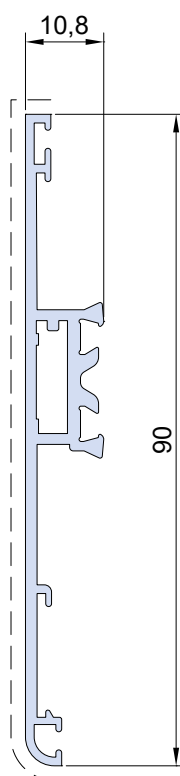
Scocca esterna telaio "T" battuta 40mm

Vi informiamo che è stato dato il benestare al profilo 23001 per la realizzazione dei telai a "T" con battuta da 40 mm per le serie PLANET.

Di seguito trovate:

- Sagoma del profilo con codice, peso, fornitore e codice fornitore;
- Sagome dei vari profili assemblati con codici e pesi;

La matrice arriverà indicativamente la settimana 20.



23001

627 gr/m

EasyDoor
Ecoslim 50 TT
Ecoslim 62 TT
Ecoslim 62 UP
Ecoslim 72 TT
Ecoslim 72 UP
Elite Door 72
Door 62
Door 72
Sirio 50
Smart 30
Planet 45
Planet 50 PLUS
Planet 62 PLUS
Planet 62 UP
Planet 72 PLUS
Planet 72 UP
Matic 50 PLUS
Matic 62 PLUS
Matic 62 UP
Matic 72 PLUS
Matic 72 UP
3G
3G UP
Matic 3G
Matic 3G UP
Nathura 59
Nathura 70
Nathura 82
Nathura 92
Slide 60
Slide 65
Slide 80/106 PLUS
Topslide 160 PLUS
Slidewood 160
Topslidewood 214
Panoramico



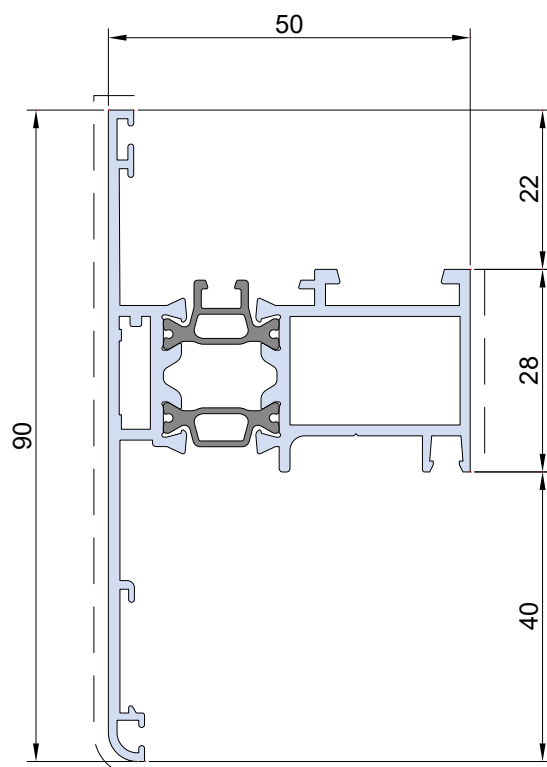
it's my window

Info prodotto 2303

18.05.2023

alsistem.com

PLANET 50 plus



TT 51826

1273 gr/m

Sistemi a battente alluminio-legno



NATHURA 59

Sistema alluminio/legno per serramenti non isolati ad elevata ermeticità

Aluminum/wood system for weatherproof, non-insulated window and door frames



NATHURA 70 - 82 - 92

Sistemi alluminio/legno a taglio termico con ferramenta perimetrale ed elevatissime prestazioni di isolamento termico

Aluminum/wood thermal break systems with perimeter hardware and extra high-performance thermal insulation

Sistemi scorrevoli e alzanti alluminio-legno



SLIDE WOOD 160

Sistema scorrevole alzante a taglio termico alluminio-legno con valori eccellenti di trasmittanza termica, tenuta all'acqua, di portata e sicurezza all'effrazione

Sliding thermal break system, aluminum-wood, with excellent ratings of thermal transmittance, water sealing, load-bearing and anti-intrusion



TOP SLIDE WOOD 214 PLUS 214 UP

Sistema a taglio termico alluminio-legno per serramenti alzanti di elevate dimensioni e peso

Thermal break system, aluminum-wood, for large-size and heavyweight lift-and-slide window and door frames

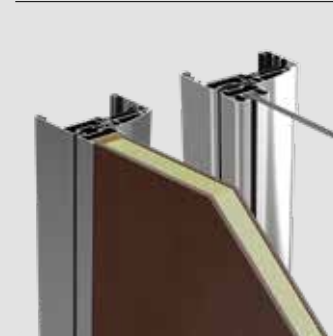
Sistemi per porte



PLANET DOOR 62 DOOR 72

Sistema per la costruzione di porte interne di alto design ad ante o porte scorrevoli di ogni tipologia, finitura estetica e colore

Top-of-the-range internal doors, sash or sliding, all types, finish and color



EASY DOOR

Sistema per la costruzione di porte interne di alto design ad ante o porte scorrevoli di ogni tipologia, finitura estetica e colore

Top-of-the-range internal doors, sash or sliding, all types, finish and color



PLANET 53

Sistema termicamente non isolato per porte complanari

Flush door system

Sistemi oscuranti



PLANET 45 persiana Venere Pro

Persiane in alluminio con sistema orientabile Venere Pro

European chamber aluminum shutters with double rebated sealing and unique Venere Pro pivot system

Sistemi per facciate



SIRIO 50

Sistema per facciate continue montanti e traversi

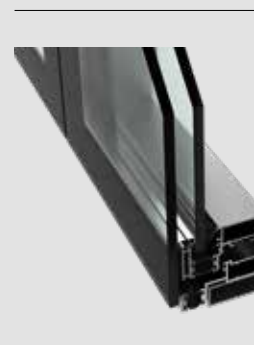
Stick-built curtain wall systems



SIRIO 50 SG

Sistema per facciate continue montanti e traversi con vetro strutturale

Structural curtain wall with transom/mullion



SIRIO 50 N

Sistema per facciate continue a nastro

Ribbon windows system

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