



PLANET *b2 plus*

MATIC *b2 plus* PLANET *b2 Hi fullglazing*

Sistema per serramenti
a battente a taglio
termico

alsistem.com

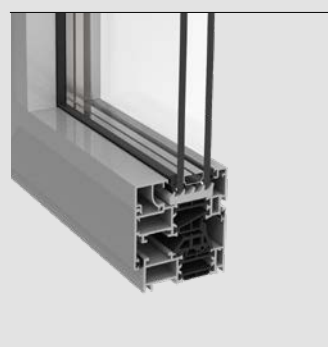
Sistemi a design minimale



3C UP
SYSTEM RECOGNITION

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

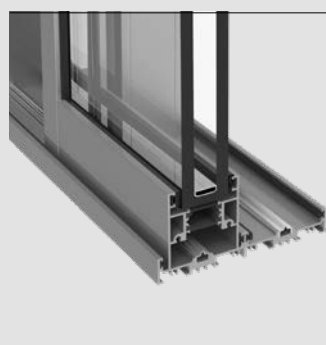
Minimal design system for thermal break frames with triple rebate sealing system. Architectural show lateral section 75mm



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

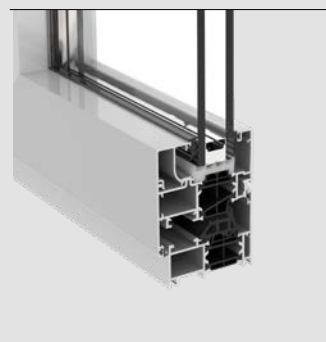


PLANET 45

Sistema per serramenti non isolati ad elevata ermeticità

Weatherproof European chamber non-insulated window and door systems

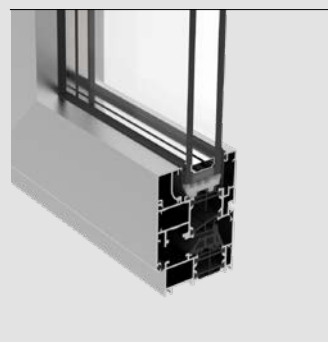
Sistemi a battente



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

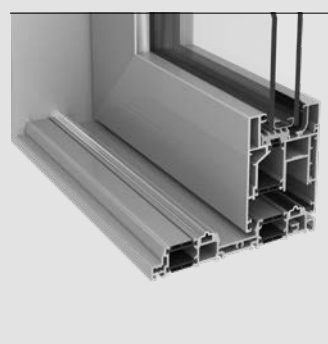
Thermal break system, essential and functional, with built-in screen



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 62 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 EN AW-6060 (UNI EN 573-3), stato di fornitura T5 e T6 conformi alla norma UNI EN 515 con tolleranze dimensionali e spessori conformi alla norma UNI EN 12020-2. Lega secondo la formula ALSistem. L'isolamento termico sarà costituito da barrette esclusivamente bitubolari a doppia camera da 28mm 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 62mm mentre le parti apribili avranno una profondità di 70mm. 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 termoidurenti e polimerizzate in forno a temperature comprese tra 185°C e 195°C, in conformità del marchio di qualità "Qualicoat". La posa dovrà avvenire secondo i criteri disciplinati nel protocollo Thermoposa.

Materiali

L'esecuzione dei serramenti è in lega d'alluminio EN AW-6060 sotto forma di profilati estrusi come indicato dalla disposizione normativa UNI EN 573-3. Lo stato di fornitura è in classe T5 e T6 secondo norma UNI EN 515. Le tolleranze dimensionali sono conformi alla UNI EN 12020-2. 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 EN AW-6060 (UNI EN 573-3) anodizzabili e verniciabili. Lega secondo la formula ALSistem.

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

Sistema di isolamento termico: realizzato con distanziali in poliammide da 28mm a forma bitubolare

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: 62mm

Profondità anta: 69mm/70mm

Tubolarità profili finestra: 15mm

Tubolarità profili porta: 36,4mm

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

Spazio vetro o pannello nei telai fissi: da 17mm a 55mm

Spazio vetro o pannello nelle ante: da 17mm a 63mm

Protezione superficiale

La protezione dei profilati potrà essere effettuata mediante ossidazione anodica con classe di spessore >15 micron, come da norma UNI 10681, oppure mediante verniciatura a polveri poliesteri termoidurenti e polimerizzate in forno nel rispetto delle procedure di qualità "Qualicoat" e delle disposizioni 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 UNI 10681 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 ed utilizzare secondo quanto indicato 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 10140-2, UNI EN 12488, UNI EN 572-1, UNI EN 12758, UNI EN 12150-1, UNI 11463 DM 2 Aprile 1998, Legge 90/2013 e DMSE 26/06/2015 (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, UNI EN 12365-1/4.

Sigillanti

I sigillanti devono corrispondere a quanto prescritto dalle norme di riferimento UNI EN ISO 11600. 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 EN 13126-1/19 e alle disposizioni normative in materia di sicurezza DL 81/2008.

Prestazioni

La serie Planet 62 Plus risponde ai requisiti della norma UNI EN 12207, UNI EN 12208, UNI EN 12210, disponibili i rapporti di prova ITT.

Resistenza meccanica

Il sistema e gli accessori saranno resistenti alle sollecitazioni d'uso secondo i limiti stabiliti dalle norme UNI EN 12365-1 e UNI EN 13126-1/19.

Isolamento acustico

La scelta della classe di isolamento acustico di un serramento va correlata alla destinazione d'uso del locale nel quale l'infilso 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 10140-2.

Isolamento termico

La scelta delle prestazioni di isolamento termico deve essere operata in base alle esigenze di risparmio energetico secondo la Legge 10/91, il DL 192/05 e aggiornamento DL 311/06 ed alle esigenze di benessere ambientale o riferimento alla norma UNI EN ISO 10077-1. 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)

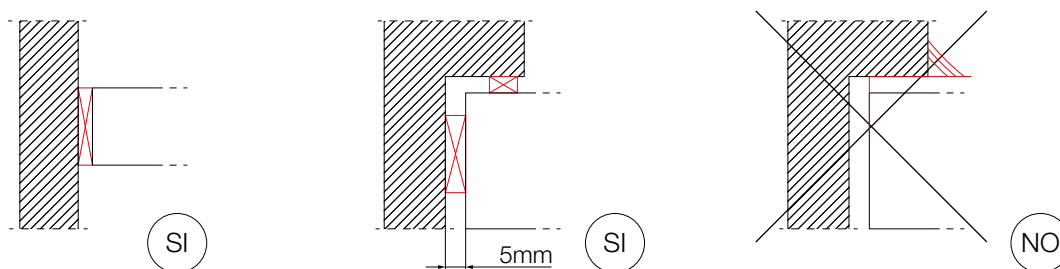
Il controllo di produzione in fabbrica è un sistema esercitato dal costruttore sotto propria responsabilità, al fine di assicurare che le caratteristiche costruttive del prodotto siano mantenute nel tempo entro certi limiti. Il costruttore dovrà stabilire delle procedure documentate, che indichino le 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 richieda 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'infilso, 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 1-2mm 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 sui nostri manuali di posa e sul nostro manuale d'uso e manutenzione dei serramenti e schermi oscuranti 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 (UNI 10681);
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 (norma UNI EN 12020-2) 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 antipanico, 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
sigillare i profili sul montante quando gli stessi vengono intestati	evita infiltrazioni d'acqua evita la corrosione
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
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 nastri autoespandenti seguendo le indicazioni contenute nel programma Thermoposa®	evita infiltrazioni d'acqua e garantisce il giunto primario e secondario per 10 anni
utilizzare sempre il tassello di registro e le turboviti per il fissaggio	facilita la posa in opera, inquadra meglio il telaio, isola i materiali e limita la trasmissione delle vibrazioni, garantisce solidità e sicurezza nel tempo
proteggere tutte le lavorazioni effettuate sui profilati	evita la corrosione facendo aumentare la durata dell'infisso nel tempo
per infissi con aperture antipanico 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 e robuste nel tempo

Certificati 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.

Certificazioni serie PLANET 62 Plus

Il sistema Planet 62 Plus è stato sottoposto alle prove indicate in tabella per le diverse tipologie di serramenti.

PROVA	TIPOLOGIA SERRAMENTO	MISURE SERRAMENTO	N° CERTIFICATO	VETROCAMERA	RISULTATO
Valore prova acustica	Finestra 2 ante ribalta	H = 1.480mm L = 1.230mm	0009/DC/ACU/19	55.1/12/44.1 da 44dB	dB = 40dB
Valore prova acustica	Finestra 2 ante ribalta	H = 1.480mm L = 1.230mm	0009/DC/ACU/19	88.2/24/55.1 da 52dB	dB = 42dB
Valore prova acustica	Finestra 1 anta ribalta	H = 1.480mm L = 1.230mm	0009/DC/ACU/19/2	88.2/24/55.1 da 52dB	dB = 48dB
Valore prova acustica	Finestra 1 anta ribalta	H = 1.480mm L = 1.230mm	0009/DC/ACU/19/2	44.2/20/66.2 da 49dB	dB = 47dB

PROVA	TIPOLOGIA SERRAMENTO	MISURE SERRAMENTO	N° CERTIFICATO	NORMA UNI	RISULTATO
Valore prova antieffrazione	Finestra 1 anta ribalta	H = 1.300mm L = 1.400mm	1605/11	EN 14351-1:2006+A2:2016 UNI ENV 1627, 1628, 1629, 1630	Classe 2

TIPOLOGIE SERRAMENTI									
	Finestra 2 ante ribalta	Porta finestra 2 ante ribalta	Bilico orizzontale e verticale	Scorrevole parallelo	Finestra 4 ante	Finestra 1 ante sporgere	Porta 2 ante soglia ribassata apertura esterna	Porta 2 ante soglia ribassata apertura interna	Porta 2 ante soglia ribassata apertura esterna con maniglione antipanico
PROVE									
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	H = 1.650mm L = 3.000mm	H = 1.650mm L = 1.500mm	H = 2.400mm L = 1.500mm	H = 2.400mm L = 1.500mm	H = 2.400mm L = 1.500mm
Numero certificato	0970-CPD-RP0240	1994-CPR-RP1381	1994-CPD-RP0167	1994-CPD-RP0166	0970-CPD-RP0735	0970-CPD-RP0760	0970-CPD-RP0844	0970-CPD-RP0845	0970-CPD-RP0846
Valore prova permeabilità all'aria	classe 4	classe 4	classe 4	classe 4	classe 4	classe 4	classe 4	classe 4	classe 4
Valore prova tenuta all'acqua	classe E1060	classe E1200	classe E900	classe E1500	classe E750	classe E1200	classe 1A	classe 1A	classe 1A
Valore prova resistenza al vento	classe C5	classe C4	classe C4	classe B4	classe C4	classe C5	classe C4	classe C4	classe C4



IRCCOS S.c.a.r.l.

Istituto di Ricerca e certificazione per le Costruzioni Sostenibili
Organismo notificato n° 1994 ai sensi del Regolamento (UE) n. 305/2013

RAPPORTO DI PROVA

Numero:
1994-CPR-RP1381

Data del rilascio:
1 giugno 2016

Richiedente:
ALSISTEM S.c.a.r.l.
Via Monte Rosa (ang. via Clerici)
21040 Gerezano (VA)

Prodotto sottoposto a prova:
Portafinestra in alluminio a taglio termico a due ante a battente di cui una oscillobattente, appartenente alla serie commercialmente denominata "Planet 62Tplus"
(cfr. descrizione)

Prova eseguita:
Permeabilità all'aria
Tenuta all'acqua
Resistenza al carico del vento

Riferimenti normativi:
EN 14351-1:2006+A1:2010
EN 1026:2000 EN 12207:1999
EN 1027:2000 EN 12208:1999
EN 12211:2000 EN 12210:1999

Questo Rapporto è composto da 17 pagine, compresi gli eventuali allegati, e può essere riprodotto solo integralmente.

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DOC 164 Rev. 03/13

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7 Risultati ottenuti

7.1 Controllo preventivo del campione (dimensioni e superficie)

Misurando	larghezza (m)	altezza (m)	superficie (m ²)	lunghezza giunti apribili (m)
Campione intero	1,500	2,400	3,600	-
Parte apribile	1,455	2,355	3,427	9,975

Tab. 6

7.2 Prova di permeabilità all'aria

DATA DI PROVA	PARAMETRI AMBIENTALI DEL LABORATORIO		
27-04-2016	Temperatura (°C) T _a = 17,0	Umidità relativa (%) U.R. = 45,6	Pressione atmosferica (kPa) P _a = 97,9

Tab. 7

Permeabilità all'aria del campione (prova a pressione positiva)			
Pressione Pa	m ³ /h	m ³ /h/m	m ³ /h/m
50	2,89	0,80	0,29
100	4,66	1,29	0,47
150	6,34	1,76	0,64
200	7,85	2,18	0,79
250	9,31	2,58	0,93
300	10,94	3,04	1,10
450	13,18	3,66	1,32
600	16,31	4,53	1,63

Tab. 8

Permeabilità all'aria del campione (media aritmetica delle due prove)			
Pressione Pa	m ³ /h	m ³ /h/m	m ³ /h/m
50	3,42	0,95	0,34
100	5,45	1,51	0,55
150	7,17	1,99	0,72
200	8,56	2,38	0,86
250	10,07	2,80	1,01
300	11,42	3,17	1,15
450	13,67	3,80	1,37
600	16,21	4,50	1,62

Tab. 10

Permeabilità all'aria del campione (prova a pressione negativa)			
Pressione Pa	m ³ /h	m ³ /h/m	m ³ /h/m
50	3,94	1,10	0,40
100	6,24	1,73	0,63
150	8,00	2,22	0,80
200	9,28	2,58	0,93
250	10,84	3,01	1,09
300	11,91	3,31	1,19
450	14,16	3,93	1,42
600	16,11	4,48	1,62

Tab. 9

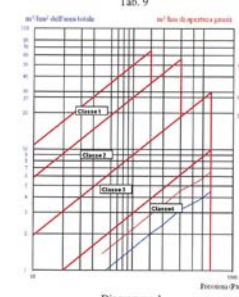


Diagramma 1

7.2.1 Classificazione del campione

Il campione sottoposto a prova di permeabilità all'aria a pressioni positive e negative è stato classificato in classe 4.

Il presente Rapporto di Prova è conforme alla norma UNI CEI EN ISO/IEC 17025

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7.3 Prova di tenuta all'acqua

DATA DI PROVA	PARAMETRI AMBIENTALI DEL LABORATORIO		
27-04-2016	Temperatura (°C) T _a = 17,8	Umidità relativa (%) U.R. = 44,2	Temperatura acqua (°C) T _a = 11,2

Tab. 11

Pressione (Pa)	Durata (min)	Osservazioni
0	15	
50		
100		
150		
200		
250		
300		
450	5	Nessuna Infiltrazione
600		
750		
900		
1050		
1200		

Tab. 12

7.3.1 Classificazione del campione

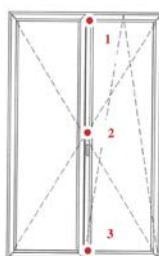
Il campione sottoposto a prova di tenuta all'acqua è stato classificato in classe E1200.

7.4 Prova di resistenza al carico del vento

7.4.1 Prova di deformazione (a pressione positiva e negativa)

DATA DI PROVA	PARAMETRI AMBIENTALI DEL LABORATORIO		
27-04-2016	Temperatura (°C) T _a = 17,8	Umidità relativa (%) U.R. = 44,2	Pressione atmosferica (kPa) P _a = 97,9

Tab. 13

Legenda
1,2,3 Montante AFig. 8. Assetto sperimentale prova di resistenza al carico del vento:
schema di posizionamento dei trasduttori (vista interna)

Il presente Rapporto di Prova è conforme alla norma UNI CEI EN ISO/IEC 17025

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7.4.5 Classificazione del campione

Il campione sottoposto a prova di resistenza al carico del vento è stato classificato in classe C4.

8 Fotografie del campione sottoposto a prova e dell'assetto sperimentale



Foto 1. Campione sottoposto a prova nell'assetto sperimentale

Foto 2. Campione sottoposto a prova nell'assetto sperimentale durante i test di resistenza al carico del vento
(prova di deformazione)

Il presente Rapporto di Prova è conforme alla norma UNI CEI EN ISO/IEC 17025

Determinazione della trasmittanza termica dei nodi del sistema per serramenti Planet 62 Plus

Per la determinazione della trasmittanza termica dei profilati, l'intera serie Planet 62 Plus è stata certificata, dal laboratorio notificato IRcCOS di Legnano, secondo la normativa di prodotto EN 14351-2006, seguendo il metodo delle rette parametriche. Il codice di riferimento del documento rilasciato dal laboratorio, corrisponde al n. RT/145/2016.

Metodologia di analisi utilizzata

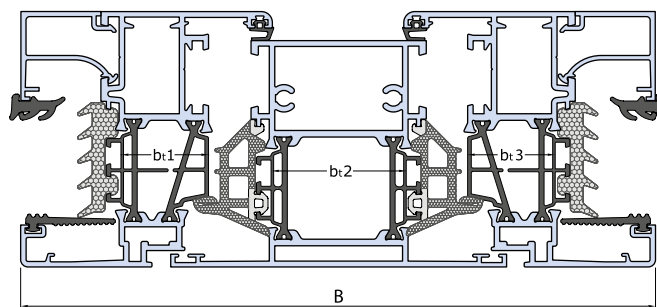
Per la serie in esame è stato analizzato un numero limitato di campioni rappresentativi di una parte dell'intera gamma. Da un'accurata analisi della morfologia delle sezioni individuate, i nodi che presentavano caratteristiche omogenee sono stati suddivisi in vari gruppi, di seguito elencati:

- nodi laterali fissi
- nodi laterali apribili con fermavetro
- nodi laterali apribili "vetro infilare"
- nodi per traverso
- nodi inferiori apribili
- nodi inferiori fissi
- nodi laterali con apertura esterna
- nodi centrali con apertura esterna
- nodi per bilico
- nodi per capannoni
- nodi per monoblocco
- nodi per pilastri

In seguito, per ciascun gruppo, si sono costruite una serie di rette di interpolazione lineare che restituiscono il valore U_f dei nodi in funzione delle grandezze bt/B assunte come variabili, dove:

- bt = somma della larghezza del taglio termico presente nella sezione, di ogni profilato.
- B = larghezza totale della sezione.

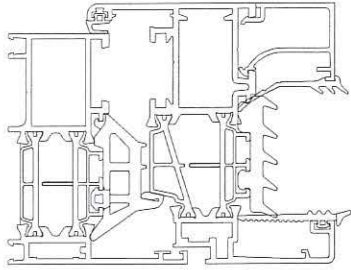
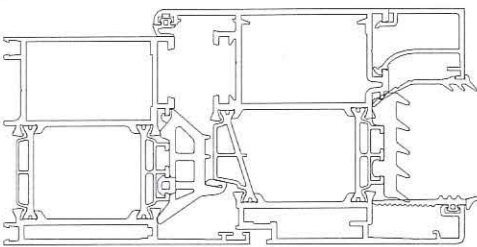
Nel caso di accoppiamenti particolari, e di solito unici, non potendo ricavare correlazioni che si basassero sui principi di sopra, si è proceduto al calcolo delle singole sezioni. Il calcolo della trasmittanza termica è stato eseguito in accordo con la norma UNI EN ISO 10077-2:2004. I calcoli sono stati eseguiti utilizzando un pannello di spessore 24mm. in sostituzione della vetratura. Per i calcoli è stato utilizzato il software "Flixo 6.0". La scelta dei materiali dalla tabella A.1 della norma UNI EN ISO 10077-2:2004, così come nel caso di materiali non presenti nella tabella, è stata condotta sulla base della documentazione fornita da ALSistem.

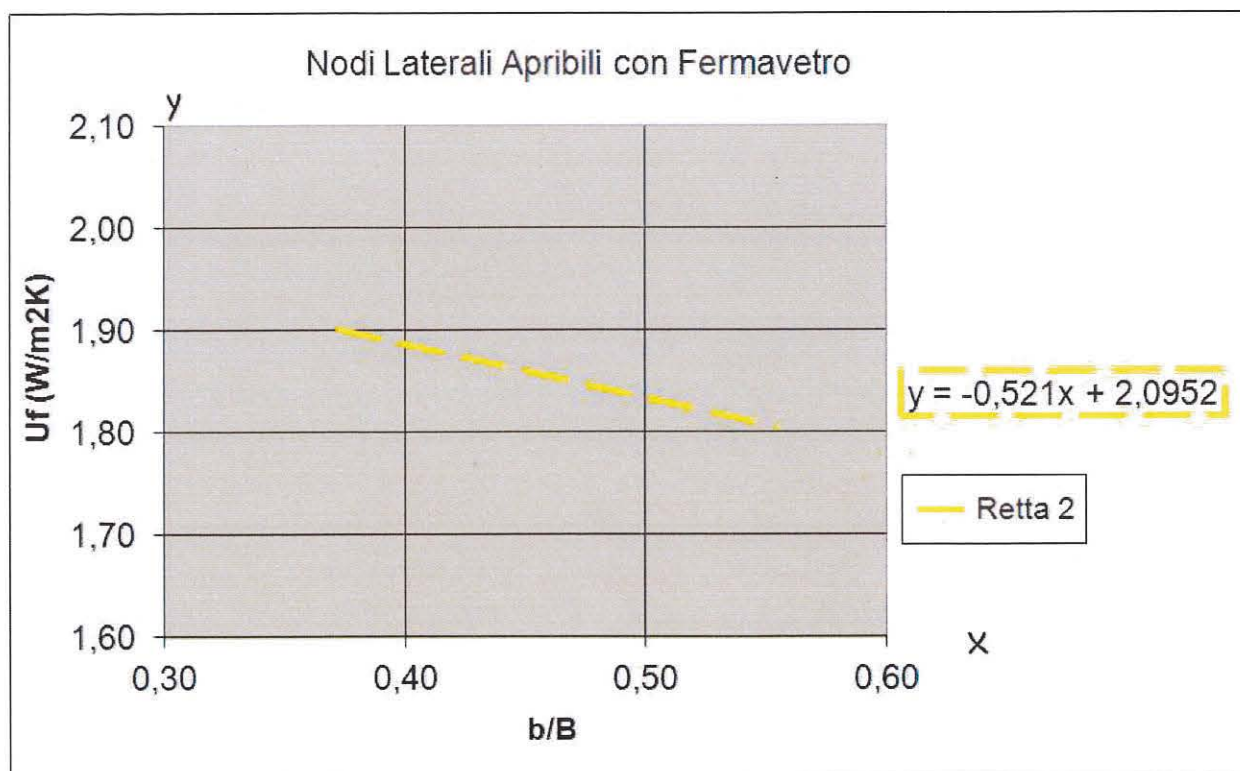


Si riporta esempio di sezione con indicate le grandezze bt e B assunte come variabili per la costruzione delle rette.

Nodi laterali apribili con fermavetro

4.2 Nodi laterali apribili con fermavetro

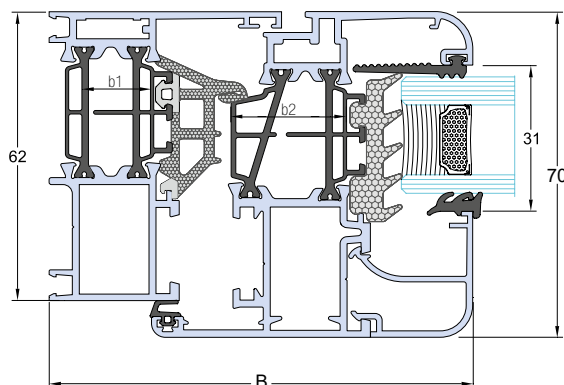
n° Retta o valore U_f	Codici nodi	Nodo Rappresentativo
Retta 2	61803+61877 61803+61977	
1,9 W/m²K	61833+61878	



Per ricavare i valori Uf

Esempio:

Nel caso del nodo composto dai profilati TT61803+TT61812, riconducibile alla retta 2, il calcolo sarà il seguente



$$b_t = b_1 + b_2 = 19\text{mm} + 24\text{mm} = 43\text{mm}$$

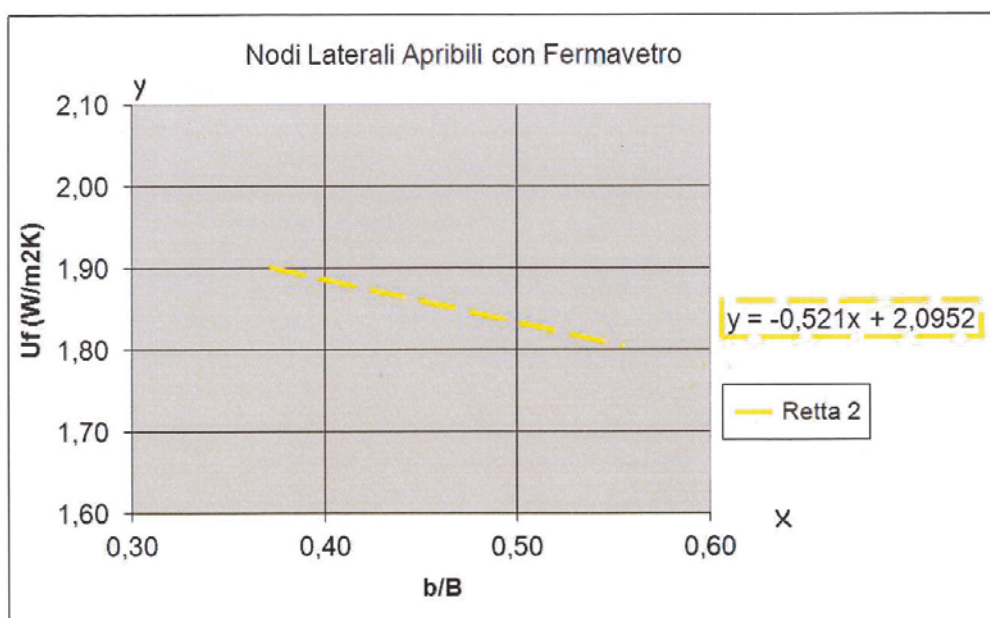
$$B = 91\text{mm}$$

$$X = 0,4725\text{mm}$$

Tramite formula

$$Y = -0,521 \cdot 0,4725 + 2,0952 = 1,80$$

Tramite diagramma



N.B: per più precise informazioni consultare il documento notificato RT/017/2010 del laboratorio IRCCOS di Legnano, richiedendolo ad ALSistem. Inoltre si rende noto che potrebbero non coincidere alcuni valori puntuali già presenti sui programmi di calcolo Termosoftware, FP-PRO e ALwin Office, rispetto a quanto ricavato dalle formule o dai diagrammi riportati sul documento, ciò dipende dal fatto che le rette ricavate sono frutto di una media dei singoli valori puntuali. Si potranno comunque utilizzare i valori puntuali dei nodi presenti sul Termosoftware, FP-PRO e ALwin Office mentre quelli mancanti possono essere ricavati utilizzando le formule o le rette all'interno del documento, che sarà diverso, per ogni serie di sistema ALSistem.

General specifications

Aluminum frames created with thermal break Planet 62 Plus doors and windows with central. The profiles are extruded in aluminium alloy EN AW-6060 (UNI EN 573-3), supply condition T5 and T6 in accordance with standard EN 515 with dimensional tolerances and thicknesses compliant with standard UNI EN 12020-2. Alloy according to ALSistem formula. The thermal insulation will consist of 28mm 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 62mm deep, whilst the openable parts shall be 70mm 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 streight 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 UNI EN 573-3. The supply condition is within class T5 and T6 in accordance with standard UNI EN 515. Dimensional tolerances comply with UNI EN 12020-2. Alloy according to ALSistem formula.

Technical and dimensional characteristics

External visual appearance: flush

Internal visual appearance: flush or overlapping 8mm

Profiles: light alloy EN AW-6060 (UNI EN 573-3) 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 38mm 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: 62mm

Leaf depth: 69mm/70mm

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 17mm to 55mm

Space for glass or panel in leaves: from 17mm to 63mm

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 UNI 10681 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. 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 10140-2, UNI EN 12488, UNI EN 572-1, UNI EN 12758, UNI EN 12150-1, UNI 11463 DM 2 April 1998, Legge 90/2013 e DMSE 26/06/2015.

Gaskets

The gaskets must only be the originals designed for the system, guaranteeing its performance and complying with reference standards UNI 3952, UNI EN 12365-1/4.

Sealants

The sealants must comply with the provisions of reference standards UNI EN ISO 11600. 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 62 Plus range meets the requirements of standards UNI EN 12207, UNI EN 12208, UNI EN 12210.

Mechanical resistance

The system and its accessories shall be resistant to the stress of use in accordance with the limits established in standard UNI EN 12365-1 e UNI EN 13126-1/19.

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 10140-2.

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. 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 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)

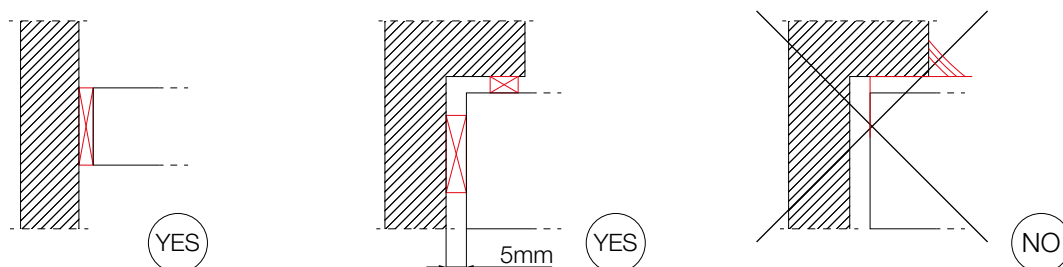
Factory production control is a system implemented by the manufacturer under its own responsibility, in order to ensure that the structural characteristics of the product are maintained over time within certain limits. The manufacturer must establish certain documented procedures, which indicate the 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 1-2mm 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 Themoposa 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 Unicsaal 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 ALSistem 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 8mm rather than 5mm 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 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, minimises the transmission of vibrations and ensure safety in time
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 62 Plus range certifications

The Planet 62 Plus system has been subjected to the tests shown in the table for the different types of door and window.

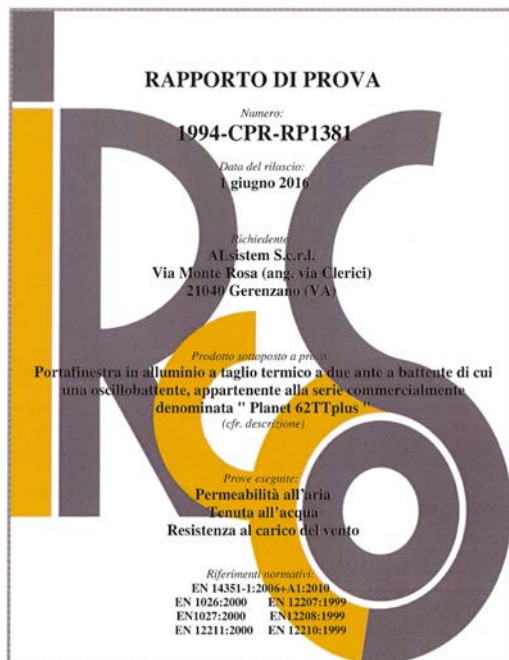
TEST	CONSTRUCTION TYPES	WINDOWS DIMENSION	N° CERTIFICATE	GLAZING	RESULT
Acoustic value	2 leaf tilt & turn	H = 1.480mm L = 1.230mm	0009/DC/ACU/19	55.1/12/44.1 da 44dB	dB = 40dB
Acoustic value	2 leaf tilt & turn	H = 1.480mm L = 1.230mm	0009/DC/ACU/19	88.2/24/55.1 da 52dB	dB = 42dB
Acoustic value	1 leaf tilt & turn	H = 1.480mm L = 1.230mm	0009/DC/ACU/19/2	88.2/24/55.1 da 52dB	dB = 48dB
Acoustic value	1 leaf tilt & turn	H = 1.480mm L = 1.230mm	0009/DC/ACU/19/2	44.2/20/66.2 da 49dB	dB = 47dB
TEST	CONSTRUCTION TYPES	WINDOWS DIMENSION	N° CERTIFICATE	NORMA UNI	RESULT
Burglary resistance value	1 leaf tilt & turn	H = 1.300mm L = 1.400mm	1605/11	EN 14351-1:2006+A2:2016 UNI ENV 1627, 1628, 1629, 1630	Class 2

CONSTRUCTION TYPES									
	2 leaf tilt & turn window	2 leaf tilt & turn door	Horizontal pivot window	Parallel slide window	4 leaf windows	1 leaf window	2 leaf door external opening with low threshold	2 leaf door inner opening with low threshold	2 leaf door inner opening with low threshold and antipanic handle
TEST									
Dimension	H = 1.650mm L = 1.350mm	H = 2.400mm L = 1.500mm	H = 2.000mm L = 2.000mm	H = 2.400mm L = 1.500mm	H = 1.650mm L = 3.000mm	H = 1.650mm L = 1.500mm	H = 2.400mm L = 1.500mm	H = 2.400mm L = 1.500mm	H = 2.400mm L = 1.500mm
Certificate	0970-CPD- RP0240	1994-CPR- RP1381	1994-CPD- RP0167	1994-CPD- RP0166	0970-CPD- RP0735	0970-CPD- RP0760	0970-CPD- RP0844	0970-CPD- RP0845	0970-CPD- RP0846
Air permeability	class 4	class 4	class 4	class 4	class 4	class 4	class 4	class 4	class 4
Watertightness	class E1060	class E1200	class E900	class E1500	class E750	class E1200	class 1A	class 1A	class 1A
Resistance to wind load	class C5	class C4	class C4	class B4	class C4	class C5	class C4	class C4	class C4



IRCCOS S.p.A.

Istituto di Ricerca e certificazione per le Costruzioni Sostenibili
Organismo notificato n° 1994 ai sensi del Regolamento (UE) n. 305/2013



Questo Rapporto è composto da 17 pagine, compresi gli eventuali allegati, e può essere riprodotto solo integralmente.

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Cap. Soc. € 111.526 I.V. - C.F. e P. Iva 05159630960 - Reg. Imprese Milano 05159630960 - R.E.A. 1799766
Società partecipata dal Consiglio Nazionale delle Ricerche

DOC 164 Rev. 03/13

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7 Risultati ottenuti

7.1 Controllo preventivo del campione (dimensioni e superfici)

Misurando	larghezza (m)	altezza (m)	superficie (m ²)	lunghezza giunti apribili (m)
Campione intero	1,500	2,400	3,600	-
Parte apribile	1,455	2,355	3,427	9,975

Tab. 6

7.2 Prova di permeabilità all'aria

DATA DI PROVA	PARAMETRI AMBIENTALI DEL LABORATORIO		
27-04-2016	Temperatura (°C)	Umidità relativa (%)	Pressione atmosferica (kPa)
	T _a = 17,0	U.R. = 45,6	P _a = 97,9

Tab. 7

Permeabilità all'aria del campione (prova a pressione positiva)			
Pressione	Pa	m ³ /h	m ³ /h/m
50	2,89	0,80	0,29
100	4,66	1,29	0,47
150	6,34	1,76	0,64
200	7,85	2,18	0,79
250	9,31	2,58	0,93
300	10,94	3,04	1,10
400	13,18	3,66	1,32
600	16,31	4,53	1,63

Tab. 8

Permeabilità all'aria del campione (media aritmetica delle due prove)			
Pressione	Pa	m ³ /h	m ³ /h/m
50	3,42	0,95	0,34
100	5,45	1,51	0,55
150	7,17	1,99	0,72
200	8,56	2,38	0,86
250	10,07	2,80	1,01
300	11,42	3,17	1,15
400	13,67	3,80	1,37
600	16,21	4,50	1,62

Tab. 10

Permeabilità all'aria del campione (prova a pressione negativa)			
Pressione	Pa	m ³ /h	m ³ /h/m
50	3,94	1,10	0,40
100	6,24	1,73	0,63
150	8,00	2,22	0,80
200	9,28	2,58	0,93
250	10,84	3,01	1,09
300	11,91	3,31	1,19
450	14,16	3,93	1,42
600	16,11	4,48	1,62

Tab. 9

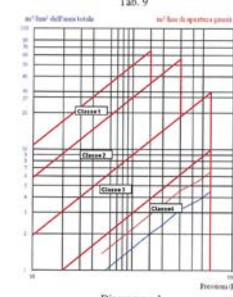


Diagramma 1

7.2.1 Classificazione del campione

Il campione sottoposto a prova di permeabilità all'aria a pressioni positive e negative è stato classificato in classe 4.

Il presente Rapporto di Prova è conforme alla norma UNI CEI EN ISO/IEC 17025

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7.3 Prova di tenuta all'acqua

DATA DI PROVA	PARAMETRI AMBIENTALI DEL LABORATORIO		
27-04-2016	Temperatura (°C)	Umidità relativa (%)	Temperatura acqua (°C)
	T _a = 17,8	U.R. = 44,2	T _a = 11,2

Tab. 11

Pressione (Pa)	Durata (min)	Osservazioni
0	15	
50		
100		
150		
200		
250		
300		
450	5	Nessuna Infiltrazione
600		
750		
900		
1050		
1200		

Tab. 12

7.3.1 Classificazione del campione

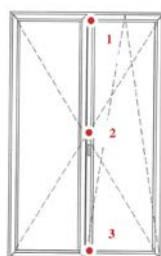
Il campione sottoposto a prova di tenuta all'acqua è stato classificato in classe E1200.

7.4 Prova di resistenza al carico del vento

7.4.1 Prova di deformazione (a pressione positiva e negativa)

DATA DI PROVA	PARAMETRI AMBIENTALI DEL LABORATORIO		
27-04-2016	Temperatura (°C)	Umidità relativa (%)	Pressione atmosferica (kPa)
	T _a = 17,8	U.R. = 44,2	P _a = 97,9

Tab. 13



Legenda
1,2,3 Montante A

Fig. 8. Assetto sperimentale prova di resistenza al carico del vento:
schema di posizionamento dei trasduttori (vista interna)

Il presente Rapporto di Prova è conforme alla norma UNI CEI EN ISO/IEC 17025

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7.4.5 Classificazione del campione

Il campione sottoposto a prova di resistenza al carico del vento è stato classificato in classe C4.

8 Fotografie del campione sottoposto a prova e dell'assetto sperimentale



Foto 1. Campione sottoposto a prova nell'assetto sperimentale



Foto 2. Campione sottoposto a prova nell'assetto sperimentale durante i test di resistenza al carico del vento (prova di deformazione)

Il presente Rapporto di Prova è conforme alla norma UNI CEI EN ISO/IEC 17025

Determining the thermal transmittance of the nodes in the Planet 62 Plus

In order to determine the thermal transmittance of the profiles, the entire Planet 62 Plus range has been certified, by the notified laboratory IRcCOS in Legnano, in accordance with product standard EN 14351-2006, following the parametric line method. The reference code of the document issued by the laboratory corresponds to no. RT/145/2016.

Methodology of analysis used

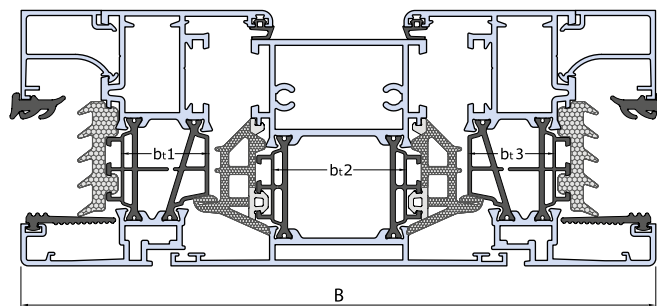
For the range in question a limited number of samples were analysed, representing a part of the whole range. From careful analysis of the morphology of the identified sections, the nodes showing homogenous characteristics were divided into various groups, as listed below:

- fixed lateral nodes
- openable lateral nodes with glazing bead
- openable lateral nodes, without glazing bead
- openable central nodes, with glazing bead
- nodes for crosspiece
- openable lower nodes
- fixed lower nodes
- open-out lateral nodes
- open-out central nodes
- nodes for pivot
- nodes for industrial sheds
- nodes for single units
- nodes for pillars.

Subsequently, for each group, a series of linear interpolation lines were constructed to give the U_f value of the nodes according to the b_t/B values assumed as variables, where:

- b_t = sum of the width of the thermal break present in the section, of each profile.
- B = total width of the section.

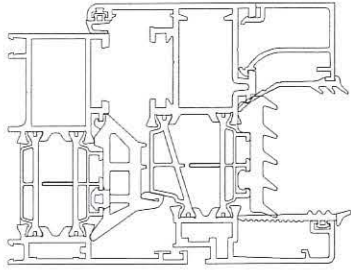
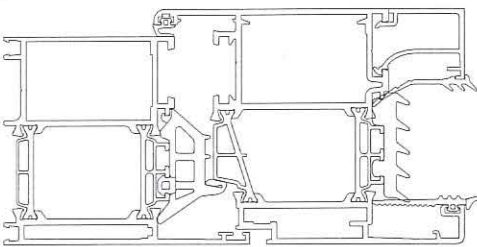
In the case of particular couplings, and usually singles, where it is not possible to obtain correlations based on the above principles, the calculation was made for the single sections. The thermal transmittance was calculated in accordance with standard UNI EN ISO 10077-2: 2004. The calculations were made using a 24mm thick panel in place of the glazing. The "Flixo 6.0" software was used for the calculations. The choice of the materials in table A.1 of standard UNI EN ISO 10077-2: 2004, as well as in the case of materials not appearing in the table, was made on the basis of the documentation supplied by ALSistem.

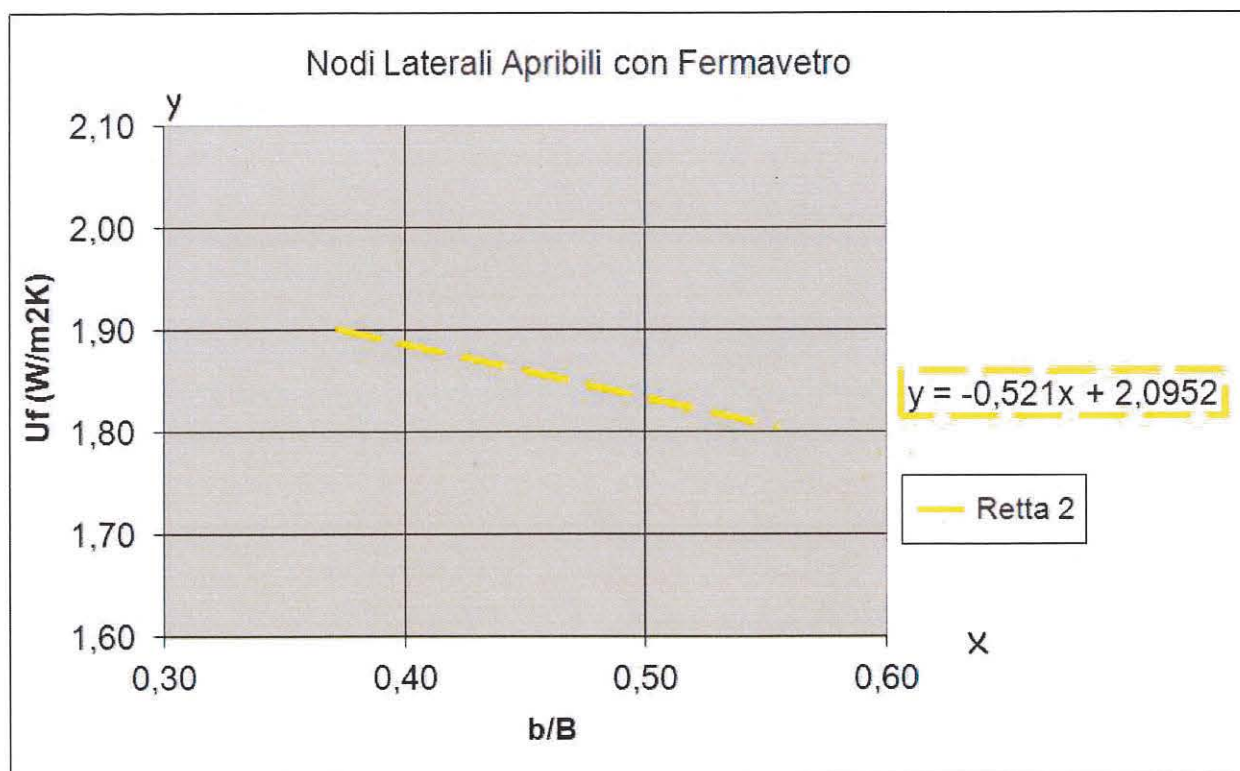


Shown below, as an example, is a page of the document representing the openable lateral nodes with glazing bead.

Openable lateral nodes with glazing bead

4.2 Nodi laterali apribili con fermavetro

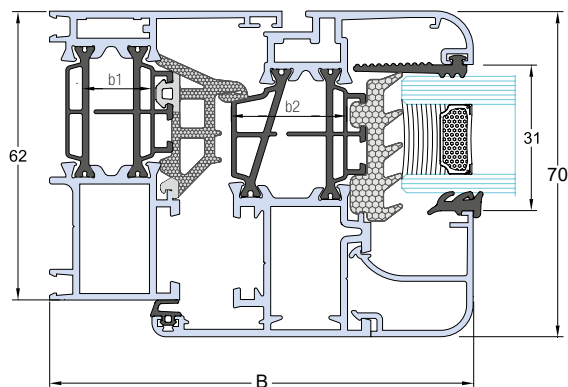
n° Retta o valore Uf	Codici nodi	Nodo Rappresentativo
Retta 2	61803+61877 61803+61977	
1,9 W/m²K	61833+61878	



To obtain the U_f values

Example:

in the case of the node consisting of profiles TT61803+TT61812, in accordance with line 4, the calculation will be as follows



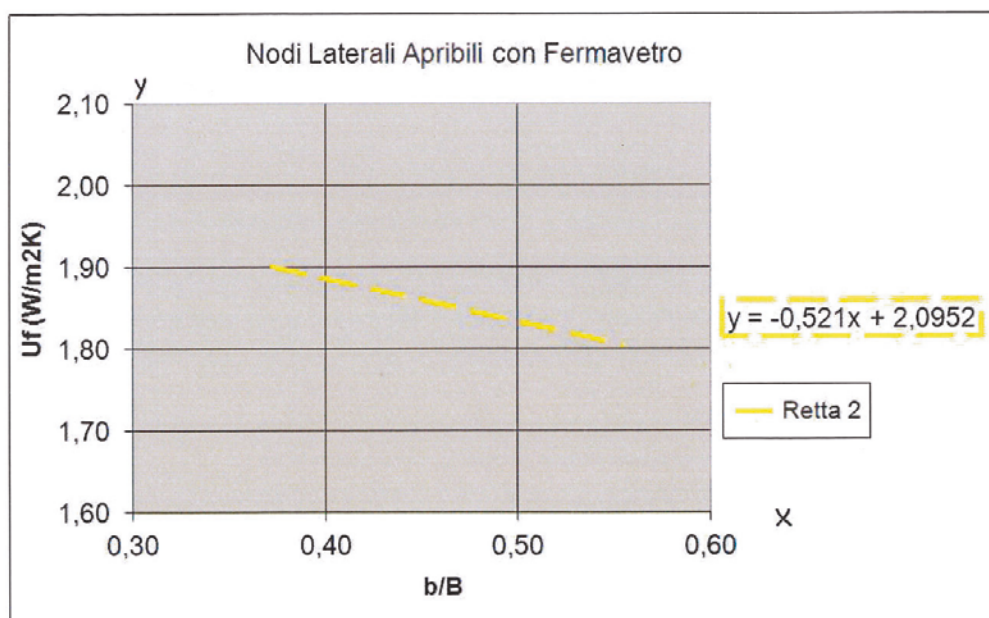
$$b_t = b_1 + b_2 = 19\text{mm} + 24\text{mm} = 43\text{mm}$$

$$B = 91\text{mm}$$

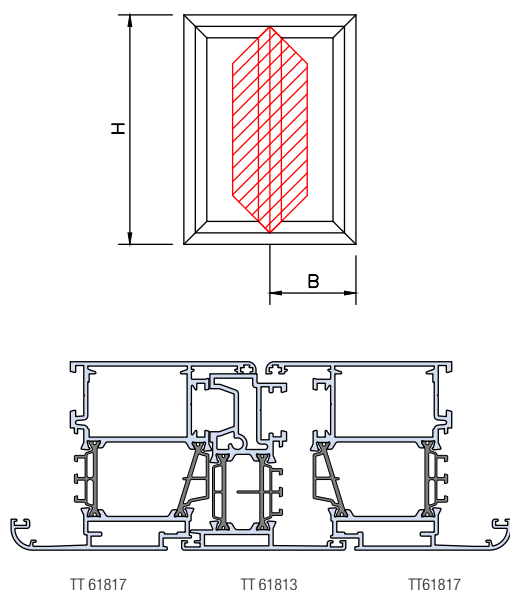
$$X = 0,4725\text{mm}$$

By means of formula

$$Y = -0,57 \cdot X + 2,35 = -0,57 \cdot 0,25\text{mm} + 2,35 = 1,80$$



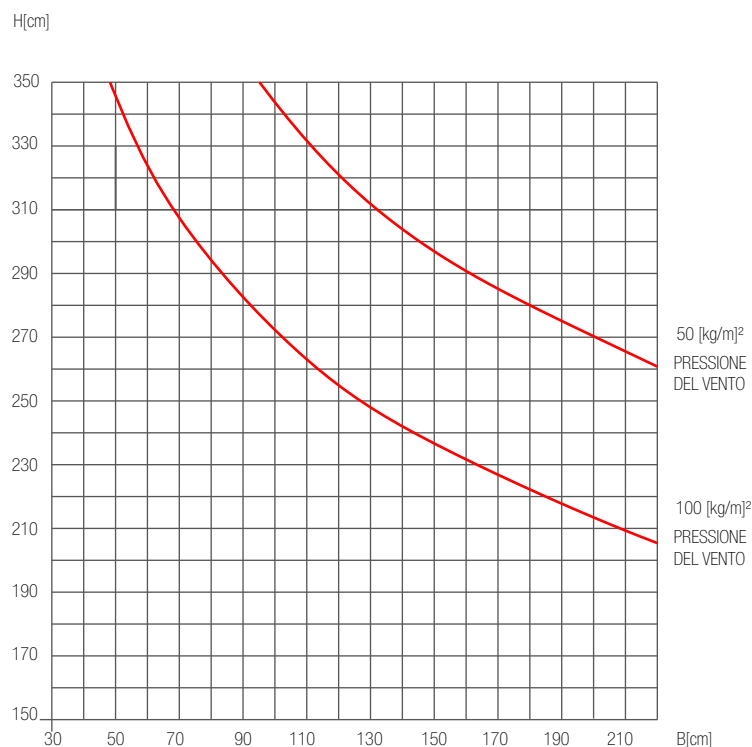
N.B: for more detailed information, see notified document RT/017/2010 of the IRCCOS laboratory in Legnano, on request from ALSistem. It must also be noted that certain actual values already present in the calculation software Termosoftware, FP-PRO and ALwin Office may not coincide with what is obtained from the formulae or from the diagrams shown in the document; this is due to the fact that the lines obtained are the result of the average of the actual individual values. The actual values of the nodes present in Termosoftware, FP-PRO and ALwin Office can however be used, whilst those missing can be obtained by using the formulae or the lines within the document, which will be different for every ALSistem range of system.



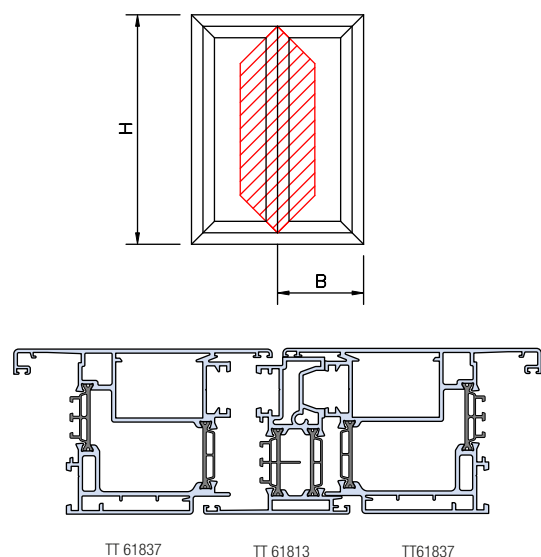
$J_t = 110,6 \text{ cm}^4$
freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO
SIA COMPATIBILE COL VETRO IMPIEGATO

*Check that profile face is compatible with
glazing used*



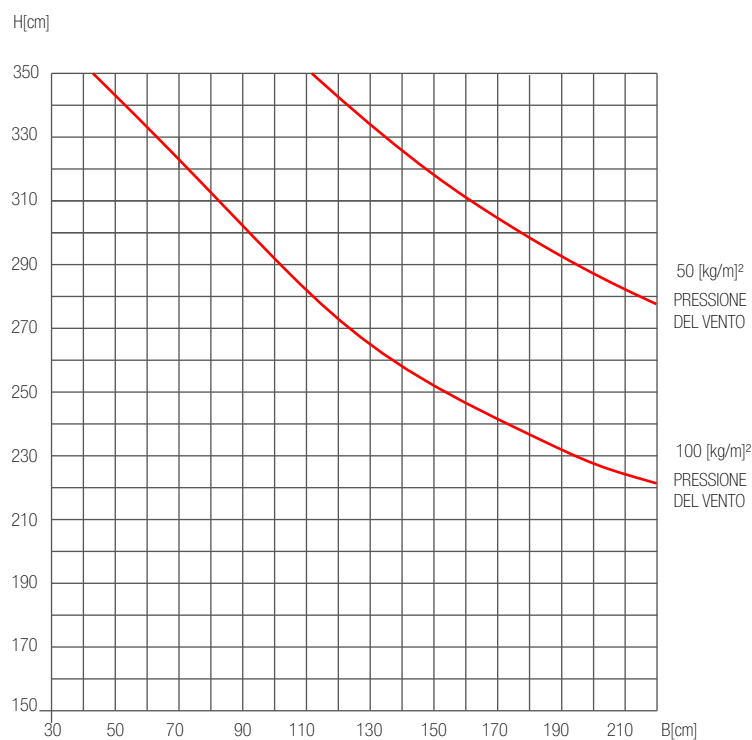
CURVE LIMITE DI
UTILIZZO
Limit curves



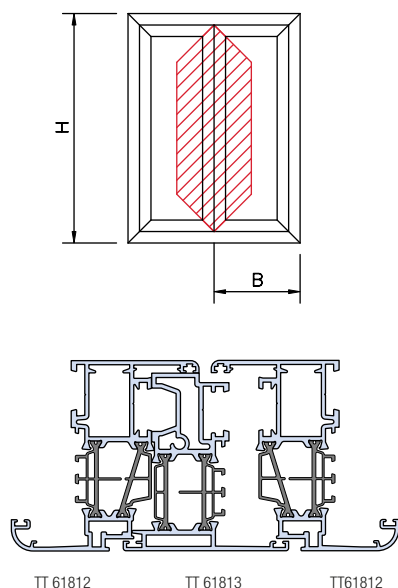
$J_t = 133,37 \text{ cm}^4$
freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO
SIA COMPATIBILE COL VETRO IMPIEGATO

*Check that profile face is compatible with
glazing used*



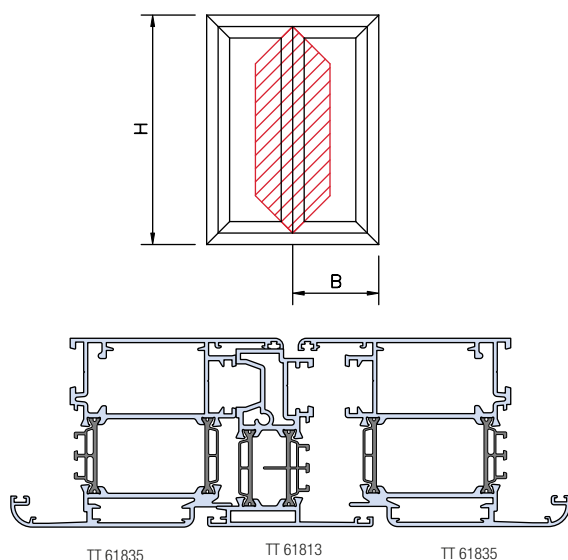
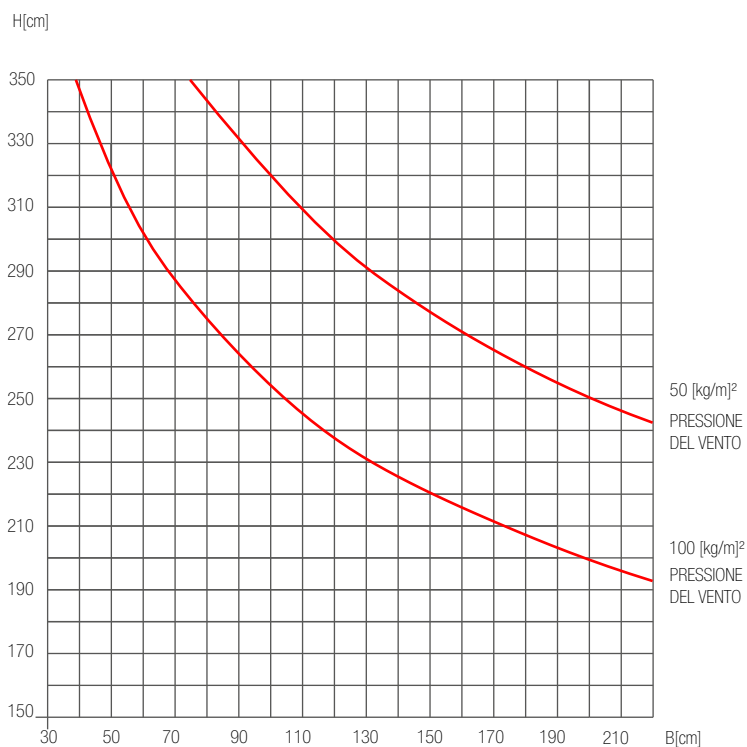
I DIAGRAMMI DI PORTATA SONO CALCOLATI SU BASE TEORICA IN
FUNZIONE DELLE CARATTERISTICHE INERZIALI DEI PROFILI



$J_t = 89,99 \text{ cm}^4$
freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO
SIA COMPATIBILE COL VETRO IMPIEGATO

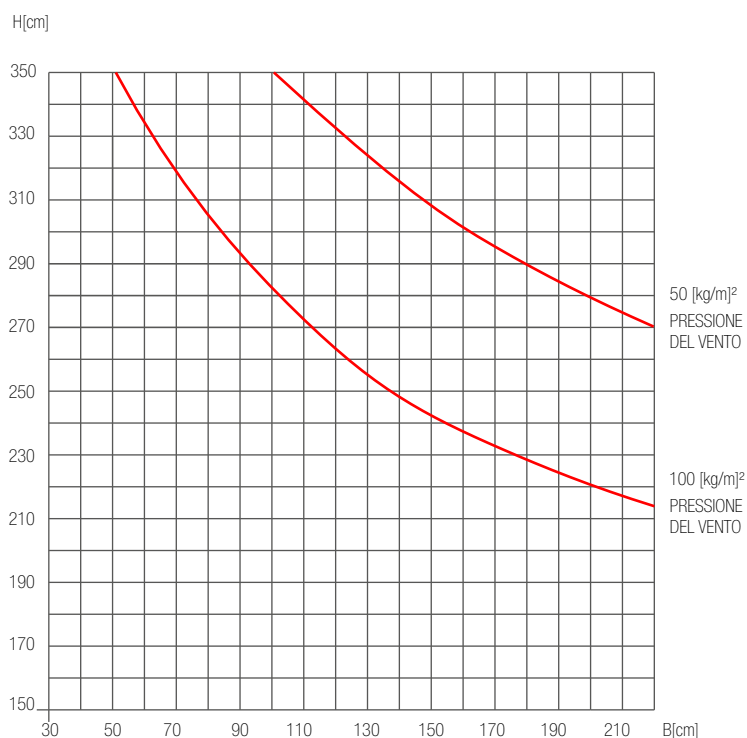
*Check that profile face is compatible with
glazing used*



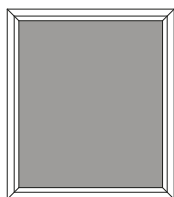
$J_t = 121,53 \text{ cm}^4$
freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO
SIA COMPATIBILE COL VETRO IMPIEGATO

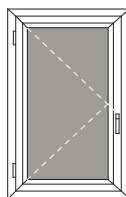
*Check that profile face is compatible with
glazing used*



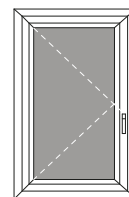
I DIAGRAMMI DI PORTATA SONO CALCOLATI SU BASE TEORICA IN
FUNZIONE DELLE CARATTERISTICHE INERZIALI DEI PROFILI



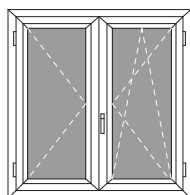
fisso
fixed



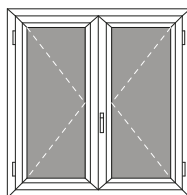
**finestra 1 anta apertura
interna**
1-leaf lift windows
inner opening



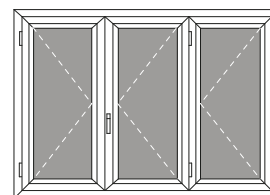
**finestra 1 anta apertura
esterna**
1-leaf lift windows
outer opening



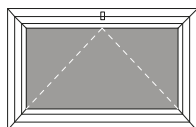
finestra 2 ante ribalta
2-leaf lift, tilt and turn
windows



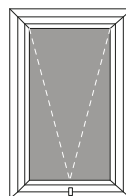
finestra 2 ante
2-leaf lift windows



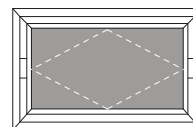
finestra 3 ante
3-leaf windows



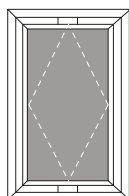
vasistas
awning / hopper window



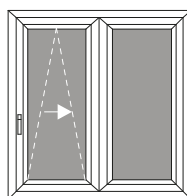
sporgere
stick out windows



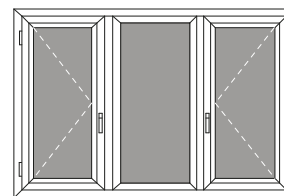
bilico orizzontale
horizontal pivot window



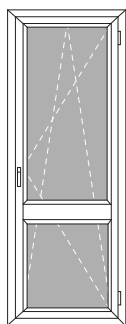
bilico verticale
vertical pivot window



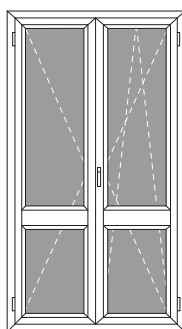
**scorrevole parallelo
+ fisso**
tilt & slide + fix



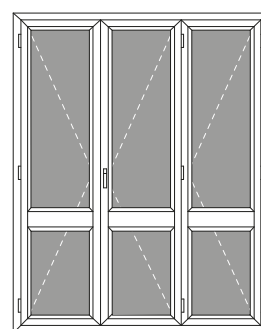
finestratura a nastro
ribbon window



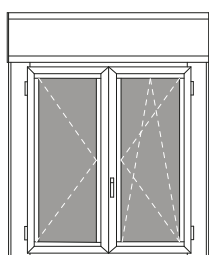
porta finestra
1 anta ribalta
balcony door
1-leaf tilt and turn



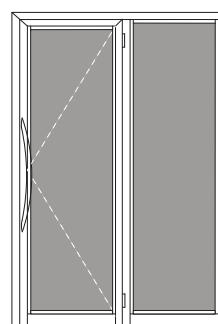
porta finestra
2 anta ribalta
balcony door
2-leaf tilt and turn



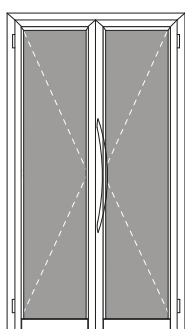
porta finestra
3 anta
balcony door
2-leaf french door



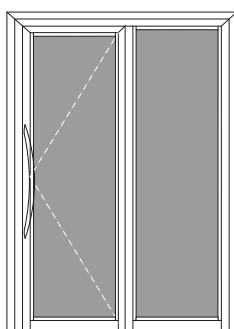
finestra monoblocco
monoblock windows



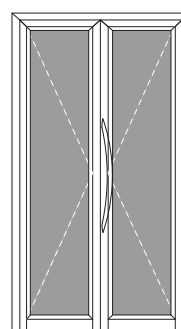
portoncino 1 anta apertura
interna + vetrina
1-leaf door



portoncino 2 anta
apertura interna
2-leaf door inner door



portoncino 1 anta apertura
esterna + vetrina
1-leaf door external door



portoncino 2 anta
apertura esterna
2-leaf door external door

ANTA MINIMA REALIZZABILE 600mm

LEGENDA BATTUTA-SPALLA

BEAT-ABUTMENT

Allo scopo di unificare la terminologia utilizzata nel catalogo:

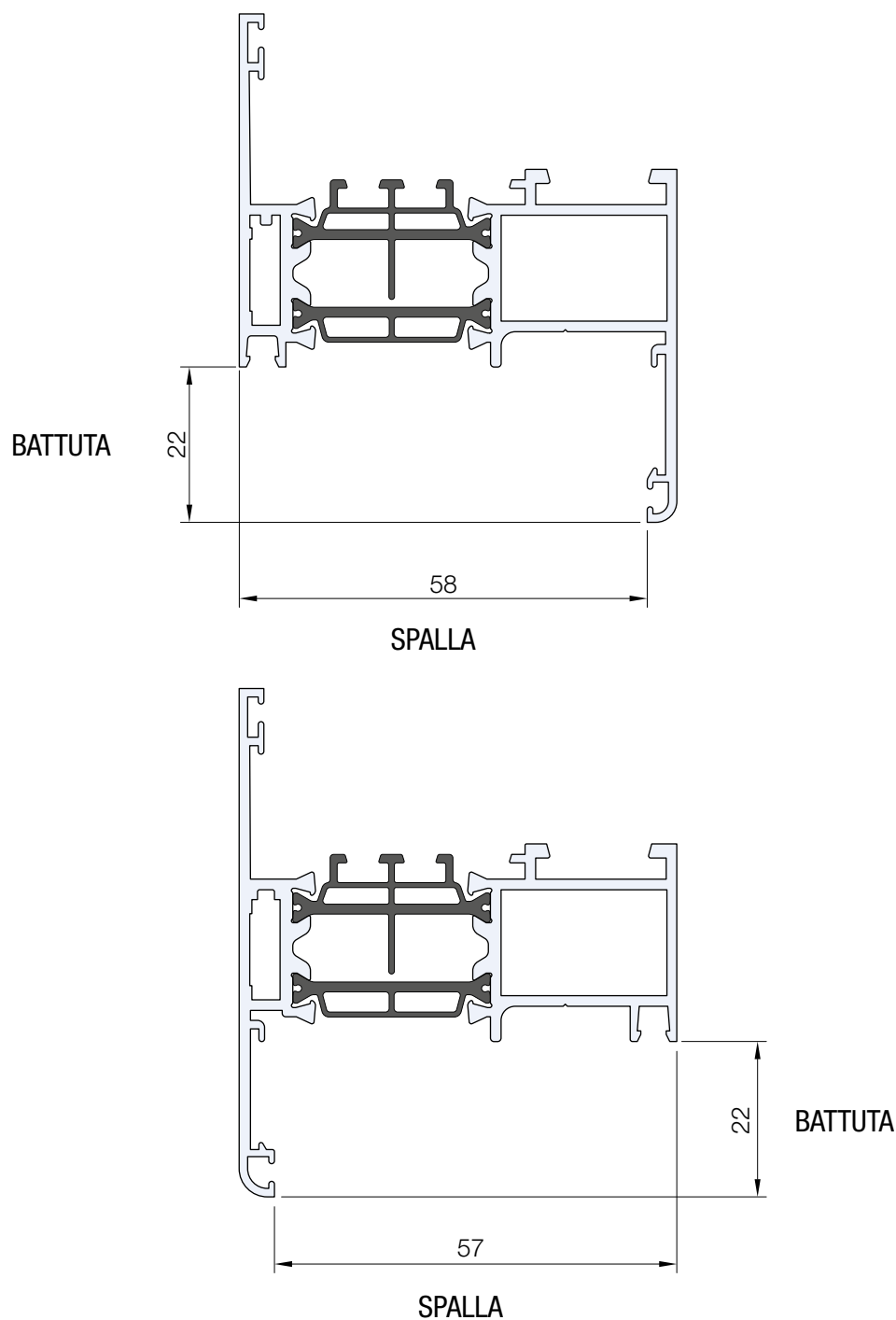
In order to unify the technical terminology conventionally measured the following terms:

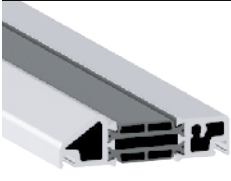
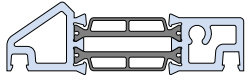
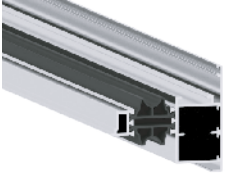
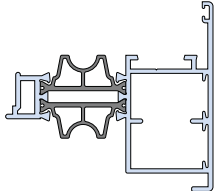
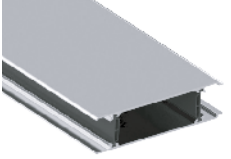
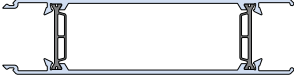
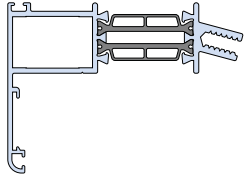
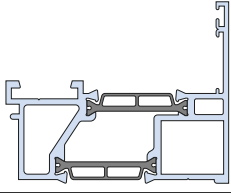
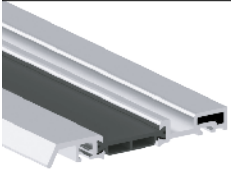
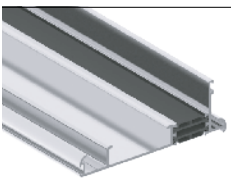
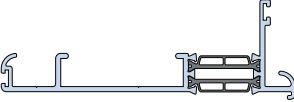
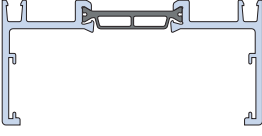
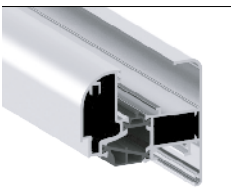
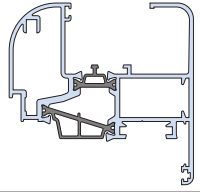
BATTUTA: la quota della lunghezza dell'aletta dei telai che copre il giunto con la muratura

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

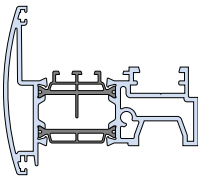
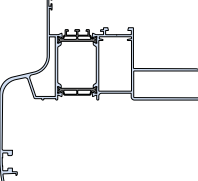
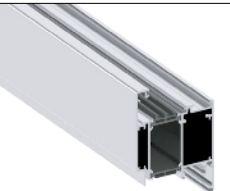
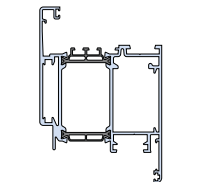
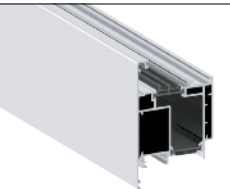
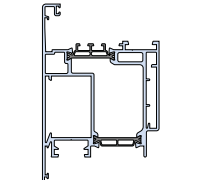
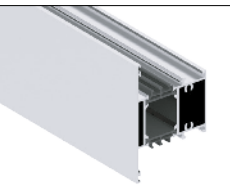
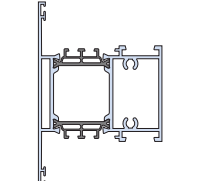
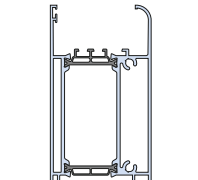
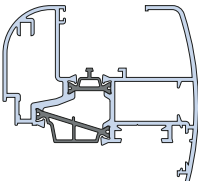
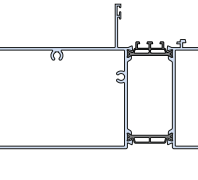
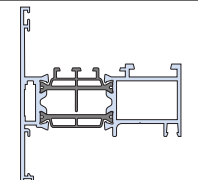
SPALLA: la quota della profondità tra la battuta e il filo esterno del profilato

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

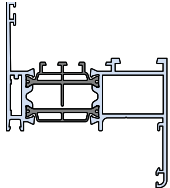
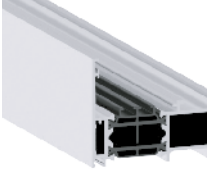
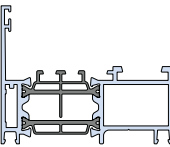
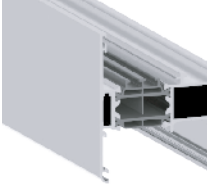
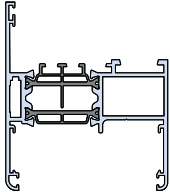
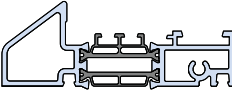
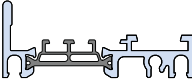
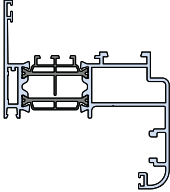
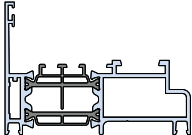
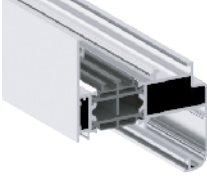
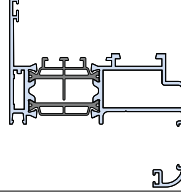
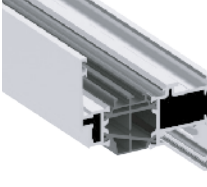
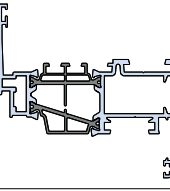


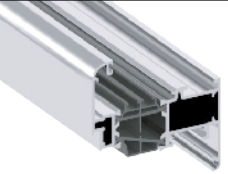
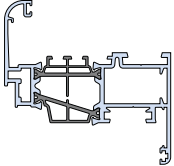
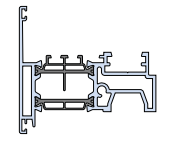
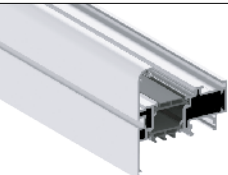
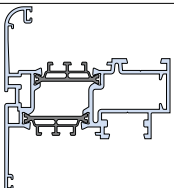
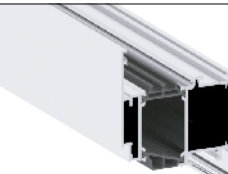
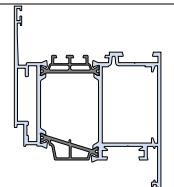
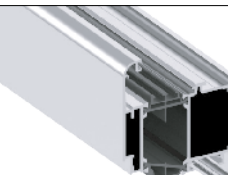
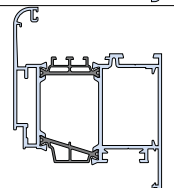
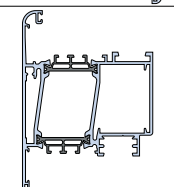
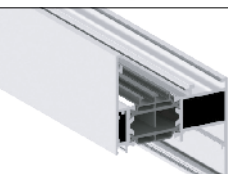
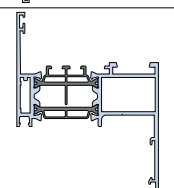
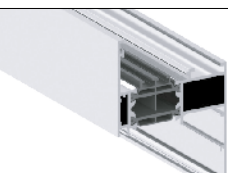
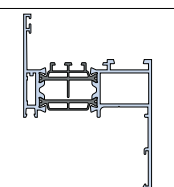
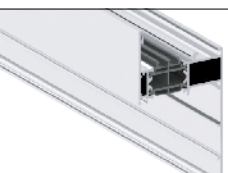
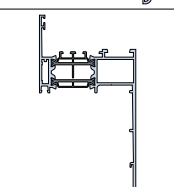
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 6105	Soglia ribassata 18mm per portoni con anta a girare <i>low threshold 18mm for hinged door</i>	915	31.58 2.86
		TT 6120	Inversione di battuta bilico <i>pivot rebate reversal</i>	1334	25.54 8.87
		TT 6180	Doga 120mm spessore 32mm <i>120mm stave - 32mm thick</i>	1528	- -
		TT 6186	Telaio telescopico per finestre <i>glazing counter-frame</i>	1018	20.63 4.67
		TT 61123	Inversione di battuta <i>rebate reversal</i>	1230	19.07 6.15
		TT 61141	Profilo porta spazzolino sottozoccolo <i>brush holder profile</i>	615	- -
		TT 61166	Celino monoblocco <i>monobloc celino</i>	1249	- -
		TT 61181	Profilo di compenso telescopico abbinare con TT61803 <i>telescopic reward profile for TT61803</i>	869	- -
		TT 61651 *	Anta tonda vetro infilare spazio vetro 30mm <i>round leaf base for beadless glass gap 30mm</i>	1737	36.24 18.19

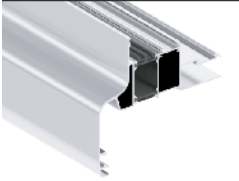
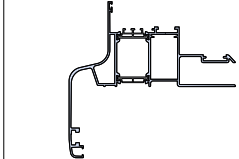
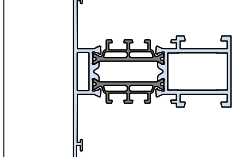
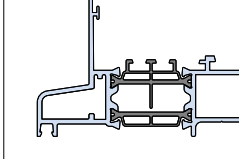
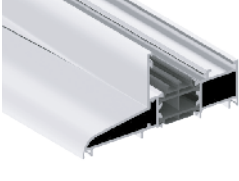
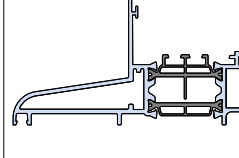
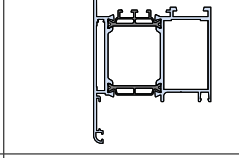
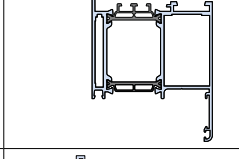
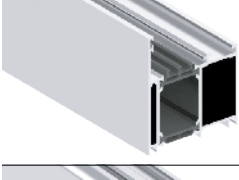
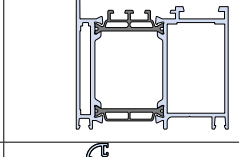
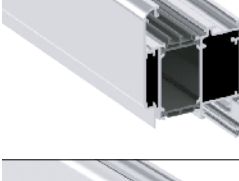
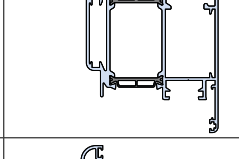
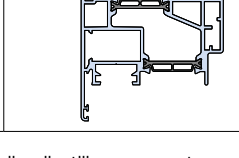
*si consiglia di utilizzare controsagoma durante il taglio a 45° / *it is advisable to use a counterprofile when cutting at 45°*

	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61713 *	Riporto centrale raggiato <i>astragal seal</i>	1601	32.07 10.07
		TT 61725 *	Telaio capannoni <i>industrial shed frame</i>	2784	162.34 85.09
		TT 61735	Anta retta maggiorata apertura interna doppia battuta <i>oversized flat leaf double rebate version</i>	2215	49.60 53.06
		TT 61737	Anta retta maggiorata apertura esterna doppia battuta <i>oversized open-out flat leaf</i>	2459	63.17 56.86
		TT 61738	Traverso da 92mm per fissi- fissaggio viti <i>92mm crosspiece for fixed doors/windows and rounded leaves- fix clamp</i>	1765	31.12 25.50
		TT 61748	Zoccolo riportato vetro infilare spazio vetro 42mm <i>fitted base glass insert glass space 42mm</i>	2147	16.30 56.35
		TT 61751 *	Anta tonda vetro infilare bombata spazio vetro 30mm <i>round beadless glazing leaf, glass space 30mm</i>	1713	38.52 17.89
		TT 61764	Spalla chiusa monoblocco per avvolgibile a sporgere e guida ad applicare <i>single-unit closed shoulder without roller shutter guide</i>	2927	- -
		TT 61801	Telaio fisso a T battuta 22mm, spalla 57mm <i>fixed T frame beat 22mm, wall 57mm</i>	1284	21.90 8.56

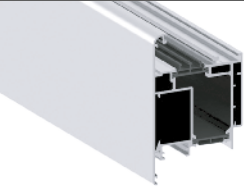
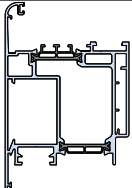
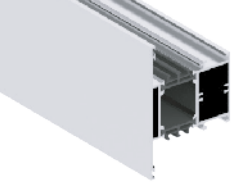
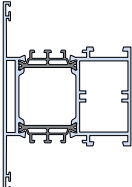
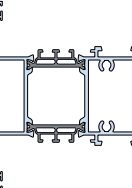
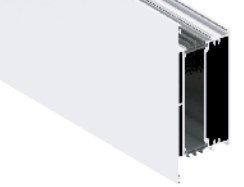
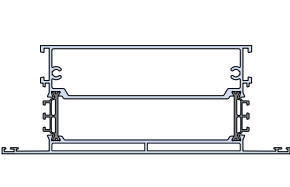
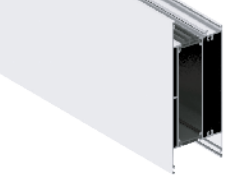
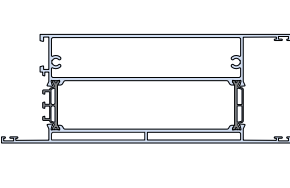
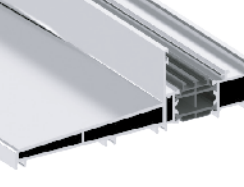
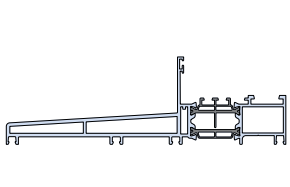
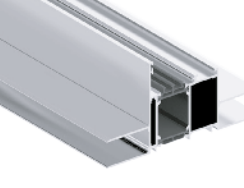
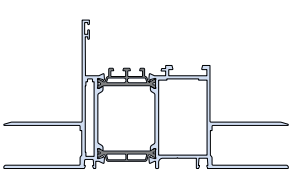
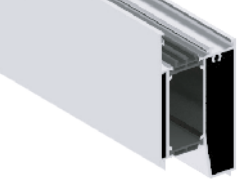
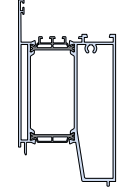
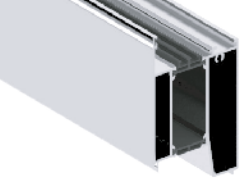
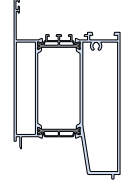
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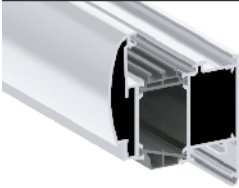
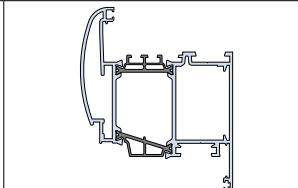
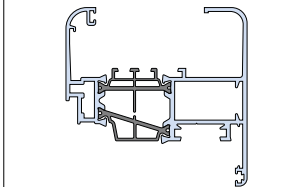
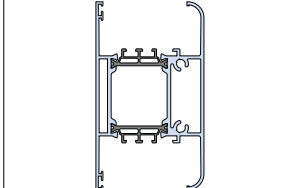
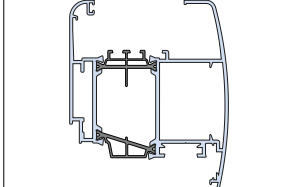
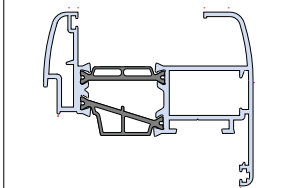
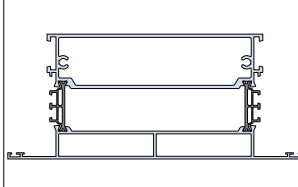
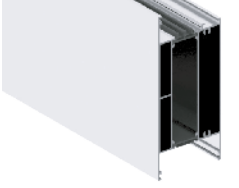
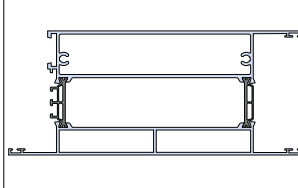
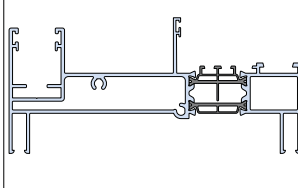
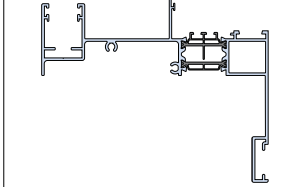
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61802	Telaio fisso a Z battuta 22mm, spalla 58mm <i>fixed Z frame beat 22mm wall, 58mm</i>	1275	24.81 8.50
		TT 61803	Telaio fisso a L Abbinare con TT61802, TT61821, TT61822, TT61824 <i>fixed L frame combine with TT 61802, TT61821, TT61822, TT61824</i>	1168	1969 5.61
		TT 61804	Telaio fisso trasverso inferiore finestra <i>fixed frame window lower crosspiece</i>	1388	26.60 11.00
		TT 61806	Soglia da 30mm <i>30mm sill</i>	1312	31.58 2.86
		TT 61807	Soglia ribassata 25mm <i>25mm low sill</i>	759	12.51 0.76
		TT 61808	Telaio fisso a Z complanare battuta 30mm, spalla 57mm <i>coplanar fixed Z frame beat 30mm, 57mm</i>	1487	36.13 15.00
		TT 61809	Telaio fisso a L complanare Abbinare con TT61808 e TT61810 <i>coplanar fixed L frame - flush with TT 61808, TT61810</i>	1232	26.68 5.49
		TT 61810	Telaio fisso a Z complanare battuta 25mm, spalla 57mm <i>coplanar fixed Z frame beat 25mm, wall 57mm</i>	1395	33.46 11.76
		TT 61811	Anta liscia <i>smooth leaf</i>	1414	32.03 9.22

	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61812	Anta raggiata <i>round leaf</i>	1465	32.76 10.86
		TT 61813	Riporto centrale liscio <i>pivot rebate reversal</i>	1468	27.02 7.80
		TT 61814	T all'italiana per anta TT 61812 <i>T italian for leaf TT 61812</i>	1663	33.76 14.23
		TT 61816	Anta liscia maggiorata <i>oversize smooth leaf</i>	1852	43.31 31.11
		TT 61817	Anta raggiata maggiorata <i>oversize rounded leaf</i>	1896	44.03 34.02
		TT 61819	Anta raggiata bilico <i>pivot leaf</i>	2018	41.68 38.01
		TT 61821	Telaio fisso a Z battuta 30mm, spalla 58mm <i>fixed Z frame beat 30mm, wall 58mm</i>	1315	25.85 10.78
		TT 61822	Telaio fisso a Z battuta 40mm, spalla 58mm <i>fixed Z frame beat 40mm, wall 58mm</i>	1367	26.86 14.44
		TT 61824	Telaio fisso a Z battuta 70mm, spalla 58mm <i>fixed Z frame beat 70mm, wall 58mm</i>	1530	18.80 34.25

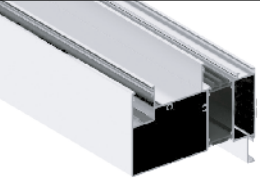
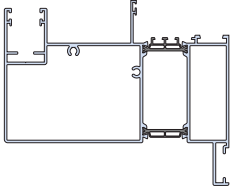
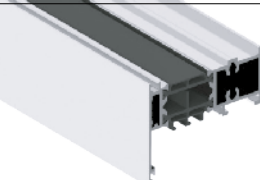
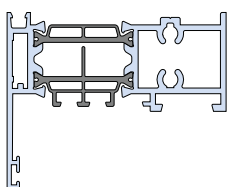
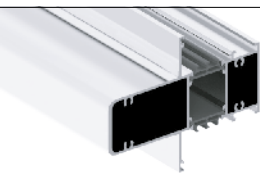
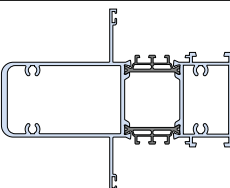
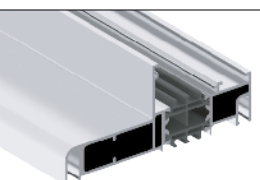
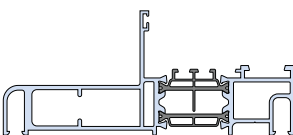
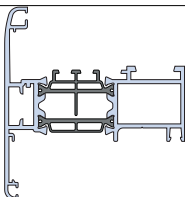
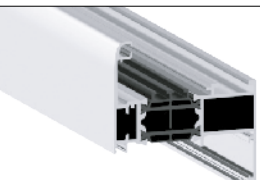
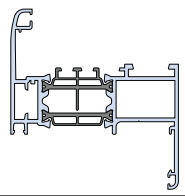
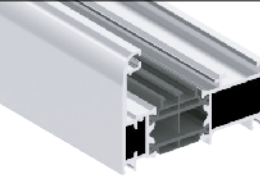
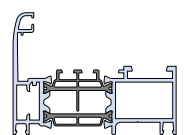
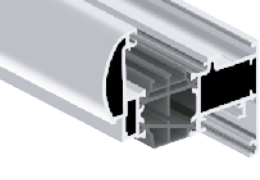
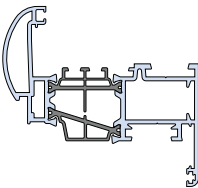
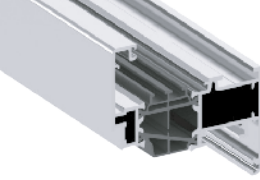
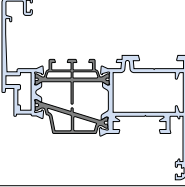
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61825 *	Telaio capannoni <i>industrial shed frame</i>	2860	178.93 85.51
		TT 61828	Traverso da 72mm - per fissi fissaggio con cavallotto <i>72mm crosspiece for fixed doors/windows, fixing with clamp</i>	1288	22.50 8.40
		TT 61829	Telaio per abbinamento con profili serie Slide 80 <i>frame for combining with planet slide 80mm profile range</i>	1333	29.00 5.84
		TT 61830	Telaio per abbinamento con profili serie Slide 106 <i>frame for combining with planet Slide, 106mm profile range</i>	1558	51.84 6.39
		TT 61831	Telaio fisso a T maggiorato battuta 22mm, spalla 57mm <i>oversized fixed T frame beat 22mm, wall 57mm</i>	1669	29.78 27.76
		TT 61832	Telaio fisso a Z maggiorato battuta 22mm, spalla 58mm <i>oversized fixed Z frame beat 22mm, wall 58mm</i>	1660	31.85 27.48
		TT 61833	Telaio fisso a L maggiorato abbinare con TT61832 <i>oversized fixed L frame with TT61832</i>	1552	27.57 21.99
		TT 61835	Anta raggiata maggiorata doppia battuta <i>oversized leaf double rebate version</i>	2190	47.90 46.06
		TT 61836 *	Anta raggiata per sporgere <i>leaf for top-hinged open out</i>	2030	42.41 24.34

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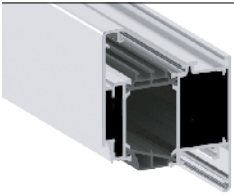
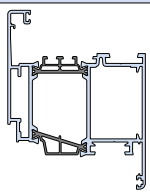
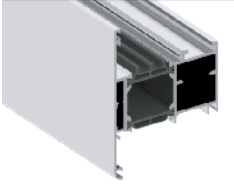
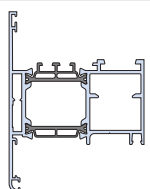
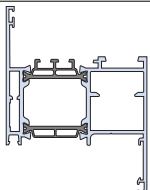
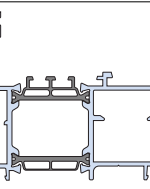
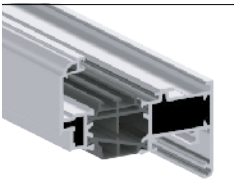
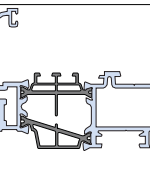
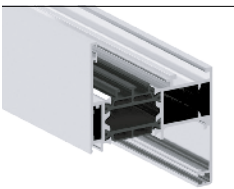
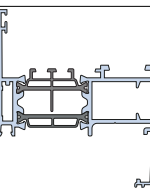
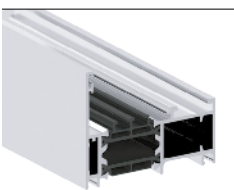
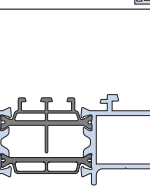
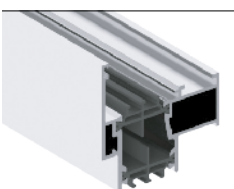
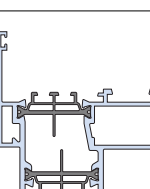
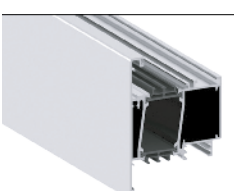
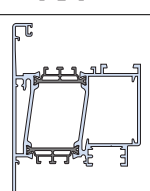
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61837	Anta raggiata maggiorata apertura esterna doppia battuta <i>oversized open-out double lregeat eaf</i>	2416	54.72 60.73
		TT 61838	Traverso da 92mm per fissaggio con cavallotto <i>92mm crosspiece for fixed doors/windows and rounded leaves - fix clamp</i>	1700	30.60 24.85
		TT 61839	Traverso da 92mm per ante liscie da 70mm fissaggio a vite <i>92mm crosspiece for 70mm smooth leaves</i>	1839	39.51 26.30
		TT 61840	Fascia da 165mm per fissi fissaggio a vite <i>165mm central crossbeam for fixed doors/ windows and rounded leaves</i>	3259	57.15 224.80
		TT 61841	Zoccolo da 165mm per fissi fissaggio a vite <i>165mm central for fixed doors/windows and rounded leaves</i>	3249	60.80 238.30
		TT 61844	Telaio per abbinamento con profili Top Slide 160 <i>frame for combining with Top Slide 160</i>	2362	191.53 7.56
		TT 61845	Telaio L maggiorato con cave per imbotte <i>oversized L frame with slots for frame extensions</i>	2253	66.15 27.41
		TT 61847	Zoccolo riportato per fissi fissaggio a vite <i>fitted base for fixed doors/windows and rounded leaves</i>	2274	41.35 82.15
		TT 61848	Zoccolo riportato per ante liscie da 70mm fissaggio a vite <i>fitted base for 70mm smooth leaves</i>	2337	51.15 84.50

	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61850 *	Anta bombata maggiorata <i>oversized convex leaf</i>	2158	48.85 37.78
		TT 61851	Anta vetro infilare spazio spazio vetro 42mm <i>leaf base for beadless glass gap 42mm</i>	1552	38.10 15.10
		TT 61853	Traverso vetro infilare 94mm spazio vetro 42mm fissaggio a vite <i>94mm transom</i>	1936	30.94 38.60
		TT 61856 *	Anta vetro infilare bombata maggiorata spazio vetro 42mm <i>oversized convex leaf base for beadless glass gap 42mm</i>	2028	53.00 40.31
		TT 61857	Anta vetro infilare Yard spazio vetro 42mm <i>Yard leaf base for beadless glass gap 42mm</i>	1386	30.84 8.67
		TT 61860 *	Anta vetro infilare Yard spazio vetro 34mm <i>Yard leaf base for beadless glass gap 34mm</i>	1418	
		TT 61858	Fascia da 165mm per ante liscie da 70mm fissaggio a vite <i>165mm central crossbeam for 70mm smooth leaves</i>	3351	74.93 241.63
		TT 61859	Zoccolo da 165mm per ante liscie da 70mm fissaggio a vite <i>165mm for flat-70mm smooth leaves</i>	3342	75.41 241.72
		TT 61861	Mezza spalla monoblocco con spazio per zanzariere <i>single-unit shoulder with expansion joint</i>	2638	- -
		TT 61863	Spalla aperta monoblocco con spazio zanzariere <i>single-unit shoulder with double eye bolt for fastening</i>	2460	- -

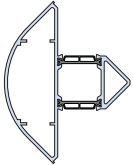
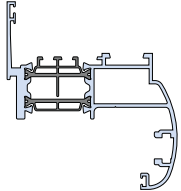
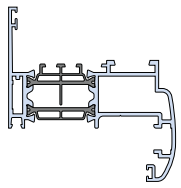
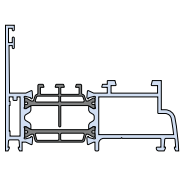
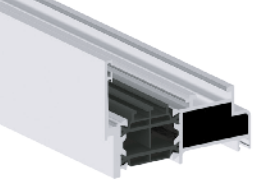
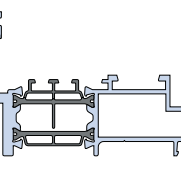
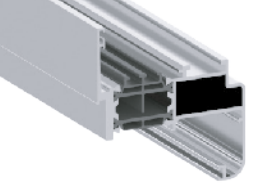
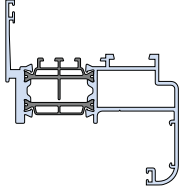
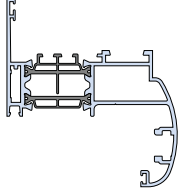
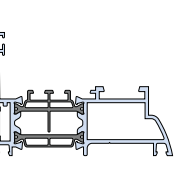
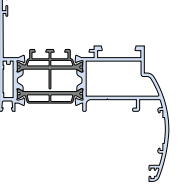
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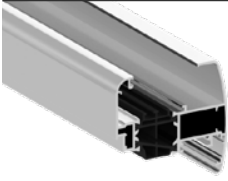
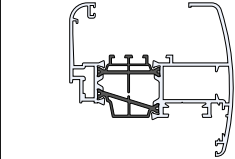
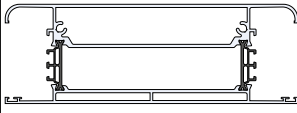
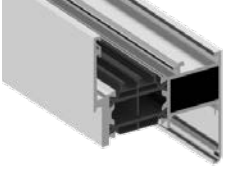
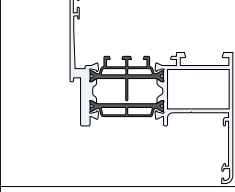
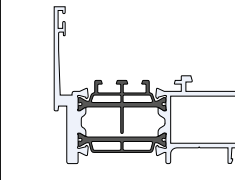
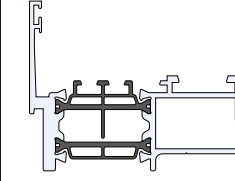
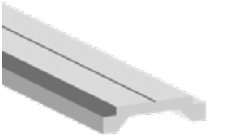
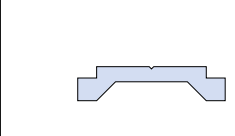
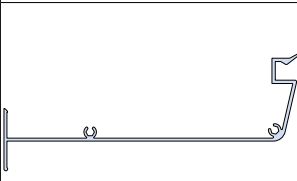
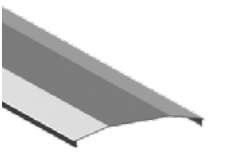
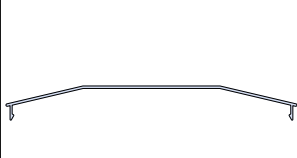
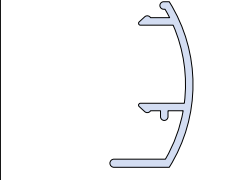
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61864	Spalla chiusa monoblocco con spazio zanzariere <i>single-unit closed shoulder with double eye bolt for fastening</i>	3310	- -
		TT 61865	Telaio fisso a L trasverso superiore monoblocco <i>fixed L frame upper crosspiece single-unit</i>	1262	- -
		TT 61868	Pilastro per finestre <i>column for glazing</i>	2508	128.01 33.51
		TT 61869	Mezzo pilastro per finestre <i>half column for glazing</i>	1912	89.26 7.24
		TT 61871	Telaio a T sezione 67mm battuta 22mm, spalla 62mm <i>T frame, section 67mm beat 22mm, wall 62mm</i>	1403	27.31 9.83
		TT 61872	Telaio a Z sezione 67mm battuta 22mm, spalla 62mm <i>Z frame, section 67mm beat 22mm, wall 62mm</i>	1395	29.87 9.69
		TT 61873	Telaio a L sezione 67mm abbinare a TT61872 <i>L frame, section 67mm for TT61872</i>	1287	24.46 6.51
		TT 61875 *	Anta bombata <i>convex leaf</i>	1553	52.56 13.43
		TT 61877	Anta retta <i>flat leaf</i>	1469	33.30 11.47

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

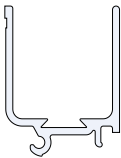
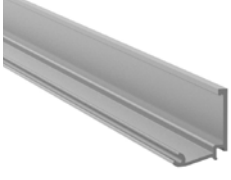
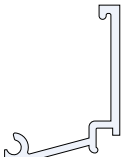
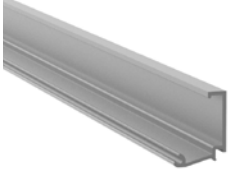
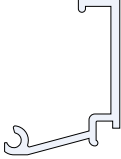
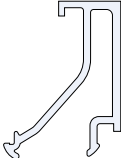
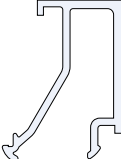
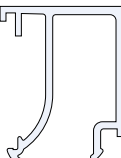
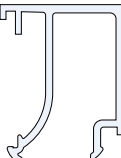
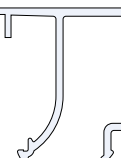
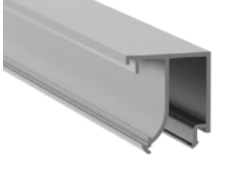
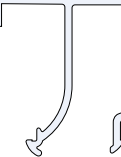
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61878	Anta retta maggiorata <i>oversize flat leaf</i>	1905	- -
		TT 61881	Telaio fisso a T medio battuta 22mm, spalla 57mm <i>medium fixed T frame beat 22mm, wall 57mm</i>	1495	27.06 16.35
		TT 61882	Telaio fisso a Z medio battuta 22mm, spalla 58mm <i>medium fixed Z frame beat 22mm, wall 58mm</i>	1493	28.83 16.04
		TT 61883	Telaio fisso a L medio abbinare TT61882 <i>medium fixed L frame with TT61882</i>	1386	24.61 12.03
		TT 61891	Anta modanata <i>molded leaf</i>	1432	- -
		TT 61892	Telaio Yard retto a Z battuta 25mm, spalla 54mm <i>flat Z Yard frame beat 25mm, wall 54mm</i>	1343	11.21 27.01
		TT 61893 *	Telaio Yard retto a L abbinare a TT 61892 <i>flat L Yard frame for TT 61892</i>	1179	5.51 20.63
		TT 61895	Profilo per accoppiamento con facciata Sirio 50 <i>profile for combining with planet Sirio facade</i>	1347	19.96 10.20
		TT 61896	Anta retta bilico <i>pivot leaf</i>	2045	43.90 40.65

*utilizzare per questo telaio le squadrette ACP 5502 / ACP 7001/ *it is advisable to use ACP5502/ ACP7001*

	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61899	Pilastro d'angolo a 90° <i>90° angle column</i>	2076	40.00 49.23
		TT 62722	Telaio fisso a Z, complanare per ristrutturazione battuta 30mm, spalla 53mm <i>coplanar fixed Z frame beat 30mm, wall 53mm</i>	1510	36.09 14.64
		TT 62802	Telaio fisso a Z - complanare battuta 22mm, spalla 57mm <i>coplanar fixed Z frame beat 22mm, wall 57mm</i>	1406	31.60 10.65
		TT 62803	Telaio fisso a L, complanare abbinare a TT62802 <i>coplanar fixed L leaf combined with TT62802</i>	1224	24.15 5.85
		TT 62809	Telaio fisso a L, complanare per ristrutturazione abbinare a TT 62810 <i>coplanar fixed L frame combined with TT62810</i>	1267	55.95 25.32
		TT 62810	Telaio fisso a Z, complanare per ristrutturazione Battuta 25mm, spalla 53mm <i>coplanar fixed Z leaf beat 25mm, 53mm</i>	1433	36.24 18.19
		TT 62822	Telaio fisso a Z, complanare battuta 30mm, spalla 57mm <i>coplanar fixed Z frame beat 30mm, wall 57mm</i>	1477	36.09 14.64
		TT 62823	Telaio fisso a L, complanare abbinare a TT62822 e TT62824 <i>coplanar fixed L leaf combined with TT62822 and TT 62824</i>	1223	24.39 5.77
		TT 62824	Telaio fisso a Z, complanare battuta 30mm, spalla 64mm <i>coplanar fixed Z frame beat 30mm, wall 64mm</i>	1404	34.80 11.76

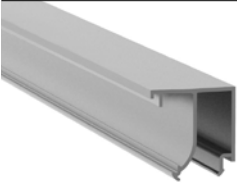
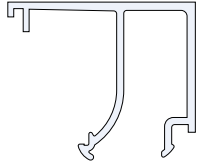
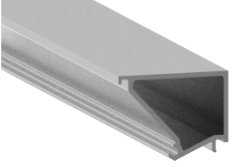
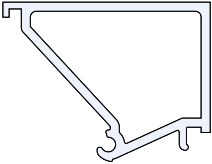
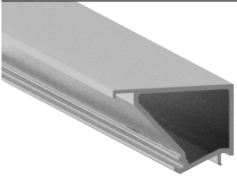
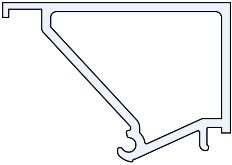
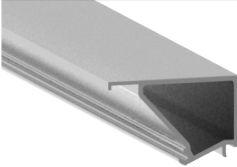
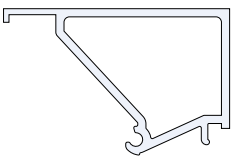
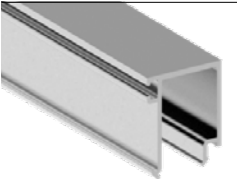
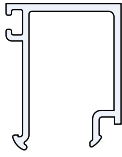
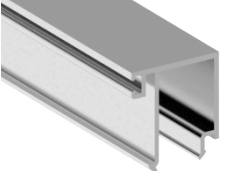
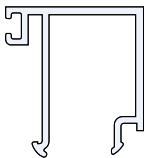
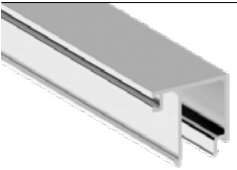
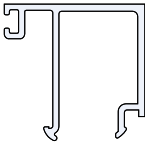
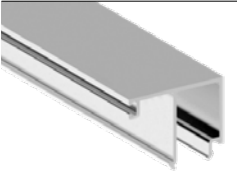
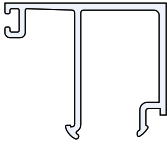
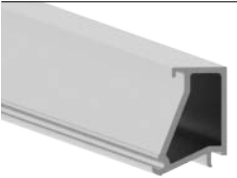
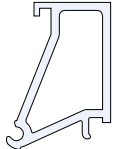
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 62851 *	Anta vetro infilare bombata spazio vetro 42mm <i>convex leaf base for beadless glass gap 42mm</i>	1570	40.35 14.81
		TT 62852	Fascia vetro infilare 165mm spazio vetro 42mm fissaggio a vite <i>165mm glass insert central crossbeam glass space 42mm</i>	3437	29.47 241.80
		TT 62890	Telaio fisso a Z per ristrutturazione battuta 22mm, spalla 54mm <i>fixed Z frame beat 22mm, wall 54mm</i>	1310	85.23 24.95
		TT 62891	Telaio fisso a L per ristrutturazione abbinare con TT62890 <i>fixed L leaf, combined with TT62890</i>	1202	54.62 20.15
		TT 62893	Telaio fisso a L, complanare per ristrutturazione abbinare con TT62722 <i>fixed L leaf, combined with TT62722</i>	1258	56.57 24.93
		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	-

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

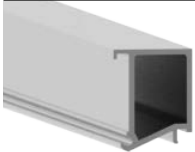
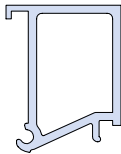
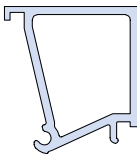
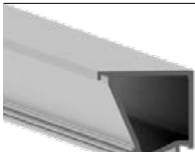
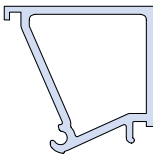
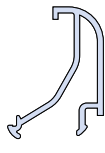
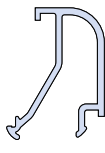
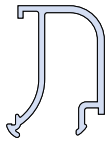
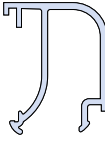
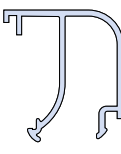
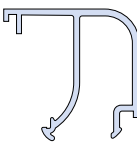
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		PL 1325 *	Fermavetro Easysun da 24,5mm <i>24,5mm Easysun glazing bead</i>	348	-
		PL 1404 *	Fermavetro retto da 3,5mm <i>3,5mm smooth glazing bead</i>	190	-
		PL 1407 *	Fermavetro retto da 7mm <i>7mm smooth glazing bead</i>	206	-
		PL 1411	Fermavetro retto da 10,5mm <i>10,5 mm smooth glazing bead</i>	252	-
		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 21 mm <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 27,5 mm <i>27,5mm smooth glazing bead</i>	312	-

*utilizzare ACP 5027 / use ACP 5027

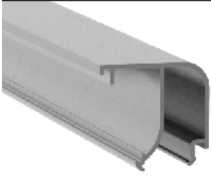
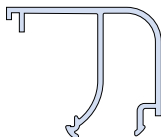
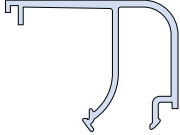
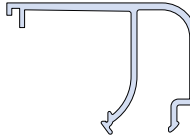
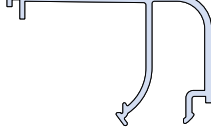
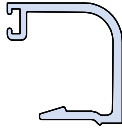
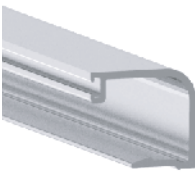
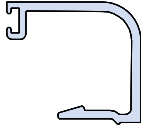
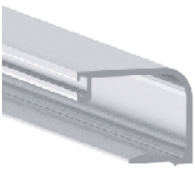
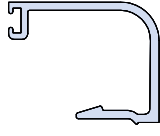
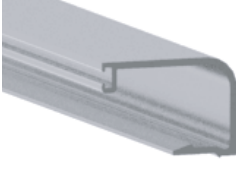
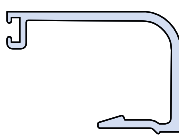
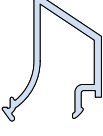
VEDI GRIGLIA VETRAZIONI A PAGINA 88

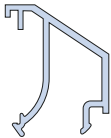
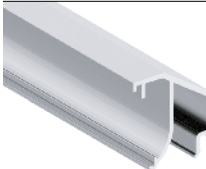
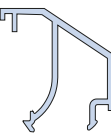
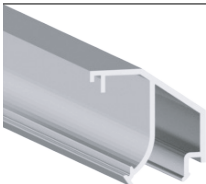
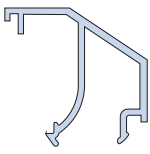
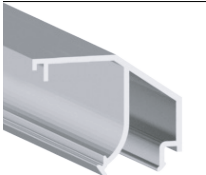
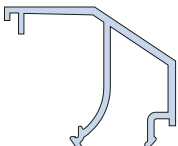
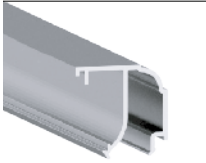
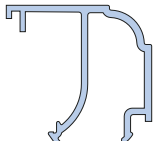
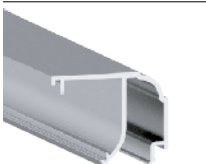
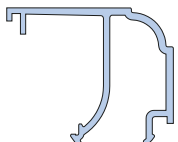
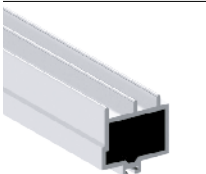
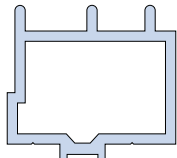
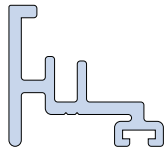
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		PL 1432	Fermavetro retto da 31,5mm <i>31,5mm smooth glazing bead</i>	331	-
		PL 1435 *	Fermavetro retto di sicurezza da 35mm <i>35mm tubular smooth glazing bead</i>	434	-
		PL 1439 *	Fermavetro retto di sicurezza da 38,5mm <i>38,5mm tubular smooth glazing bead</i>	445	-
		PL 1442 *	Fermavetro retto di sicurezza da 41,5mm <i>41,5mm tubular smooth glazing bead</i>	454	-
		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 smooth glazing bead</i>	329	-

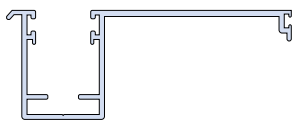
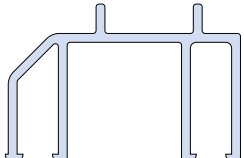
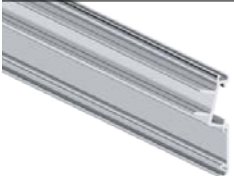
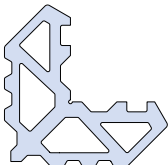
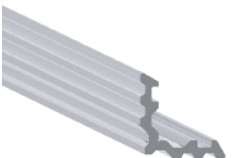
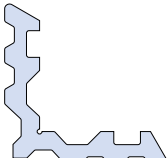
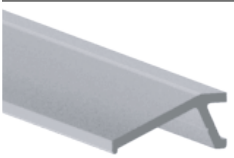
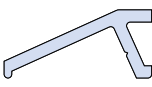
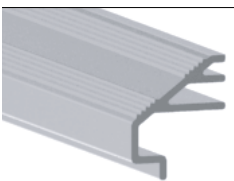
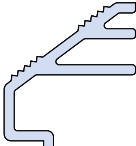
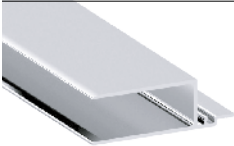
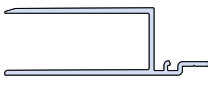
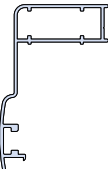
*utilizzare ACP 5027 / use ACP 5027

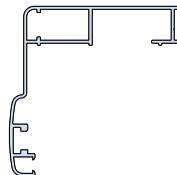
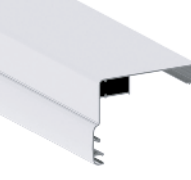
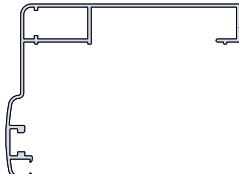
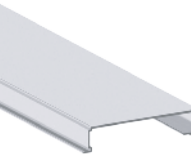
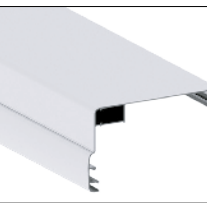
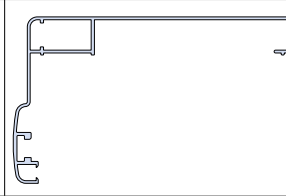
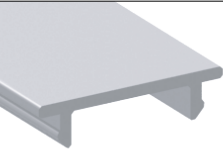
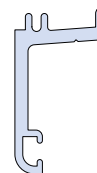
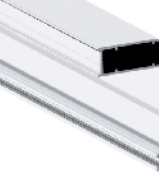
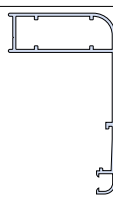
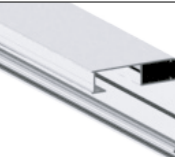
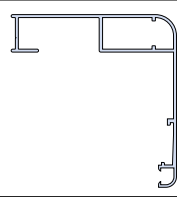
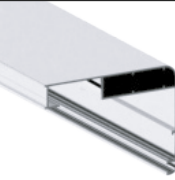
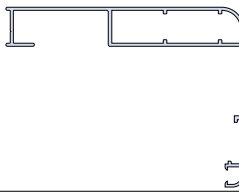
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		PL 14221 *	Fermavetro retto di sicurezza da 21mm <i>21mm tubular smooth glazing bead</i>	353	-
		PL 14225 *	Fermavetro retto di sicurezza da 24,5mm <i>24,5mm tubular smooth glazing bead</i>	370	-
		PL 14228 *	Fermavetro retto di sicurezza da 27,5mm <i>27,5mm tubular smooth glazing bead</i>	389	-
		PL 1511	Fermavetro arrotondato da 10mm <i>10mm rounded glazing bead</i>	238	-
		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	-

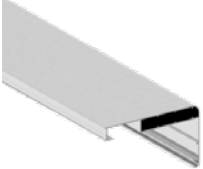
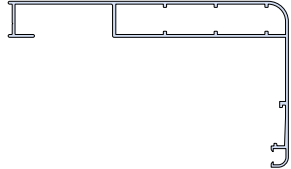
*utilizzare ACP 5027 / use ACP 5027

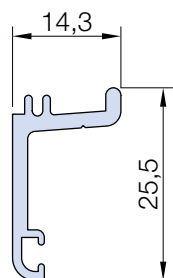
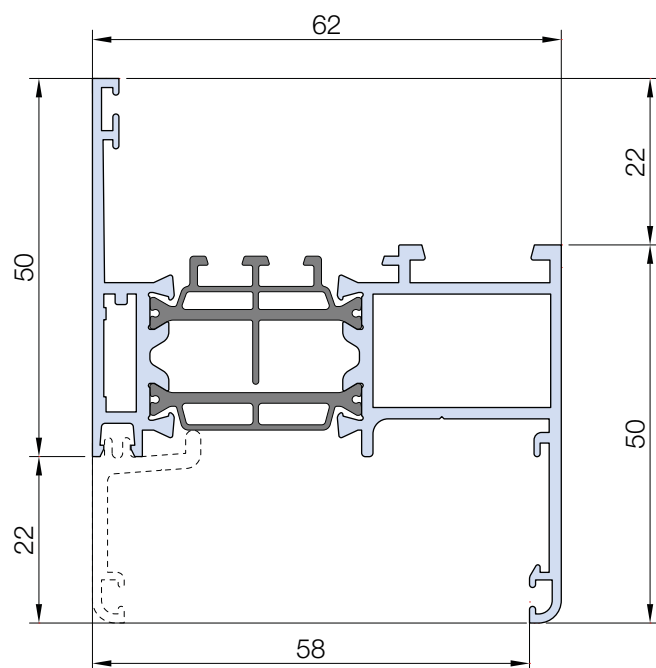
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		PL 1532	Fermavetro arrotondato da 31,7mm <i>31,7mm rounded glazing bead</i>	317	-
		PL 1535	Fermavetro arrotondato da 35mm <i>35mm rounded glazing bead</i>	337	-
		PL 1539	Fermavetro arrotondato da 38,5mm <i>38,5mm rounded glazing bead</i>	352	-
		PL 1542	Fermavetro arrotondato da 41,5mm <i>41,5mm rounded glazing bead</i>	365	-
		PL 15221	Fermavetro raggiato per clip da 21mm <i>21mm rounded glazing bead</i>	259	-
		PL 15225	Fermavetro raggiato per clip da 24,5mm <i>24,5mm radial glazing bead</i>	0.275	-
		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	-

	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		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	-
		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 TT61840, TT61841, TT61858 e TT 61859 <i>brush holder for TT 61840, TT 61841 TT 61858 e TT 61859</i>	672	-
		PL 2058	Soglia calpestabile 3mm <i>threshold plate 3mm</i>	404	-
		PL 2059	Portaspazzolino sottoporta per ante giunto aperto a girare <i>floor brush holder</i>	397	-

	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		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 TT6186 <i>glazing counter-frame for TT6186</i>	385	-
		PL 2084	Profilo per squadrette maggiorate cianfrinare <i>profile for oversized brackets, crimping</i>	6461	-
		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 oversize L frame</i>	636	-
		PL 20193	Imbotte da 45mm <i>45mm wall profile</i>	946	-

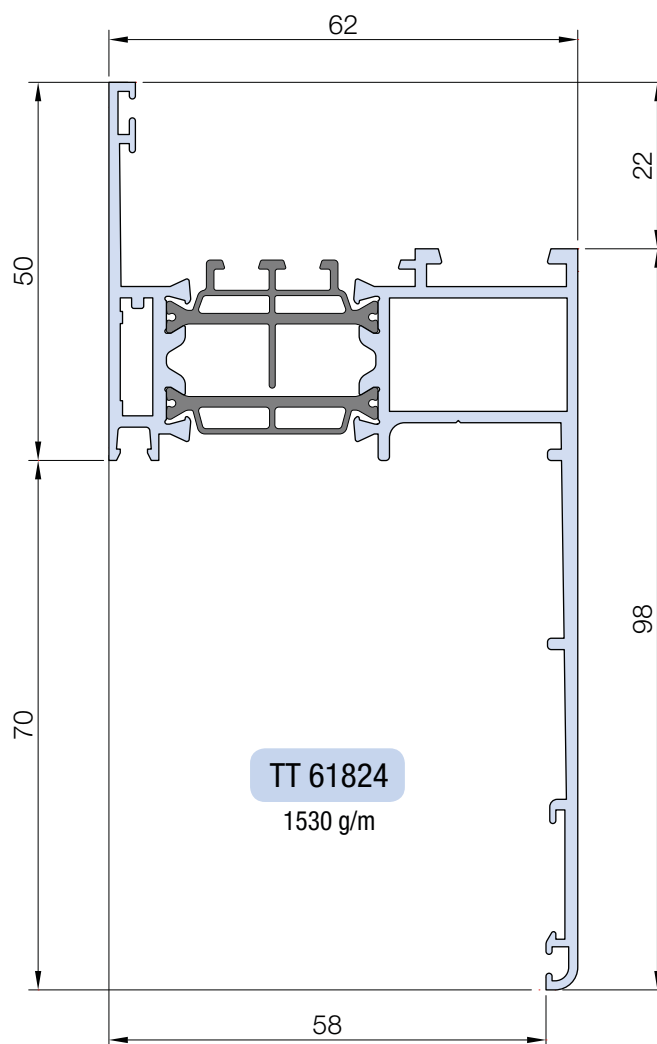
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		PL 20194	Imbotte da 75mm <i>75mm wall profile</i>	1149	-
		PL 20195	Imbotte da 105mm <i>105mm wall profile</i>	1306	-
		PL 20196	Prolunga imbotti da 90mm <i>90mm wall profile extension</i>	686	-
		PL 20198	Imbotte da 135mm <i>135mm wall profile</i>	1504	-
		PL 20226	Profilo copricava per TT61825, PL2077 <i>cable cover profile for TT61825, PL2077</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	-

	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		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	-

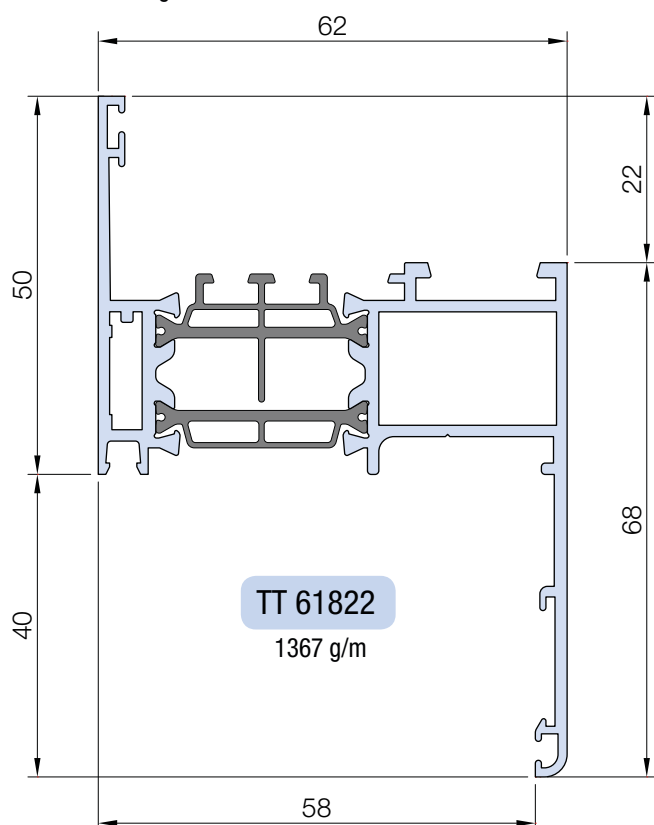


PL 20228
217 g/m

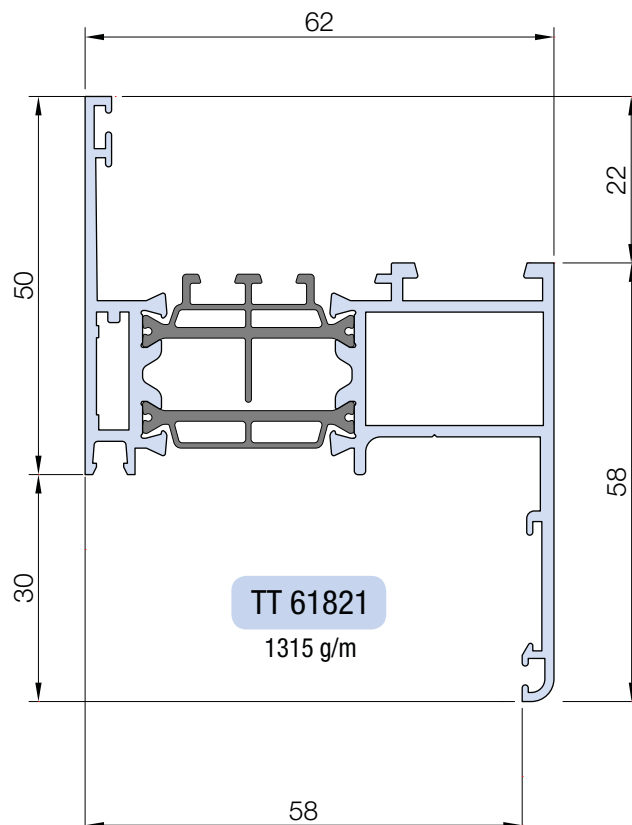
TT 61802
1275 g/m



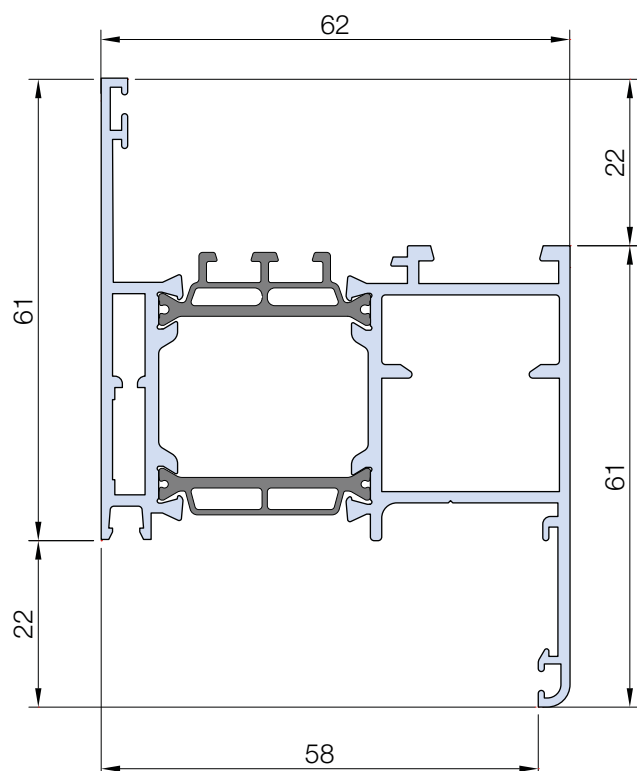
TT 61824
1530 g/m



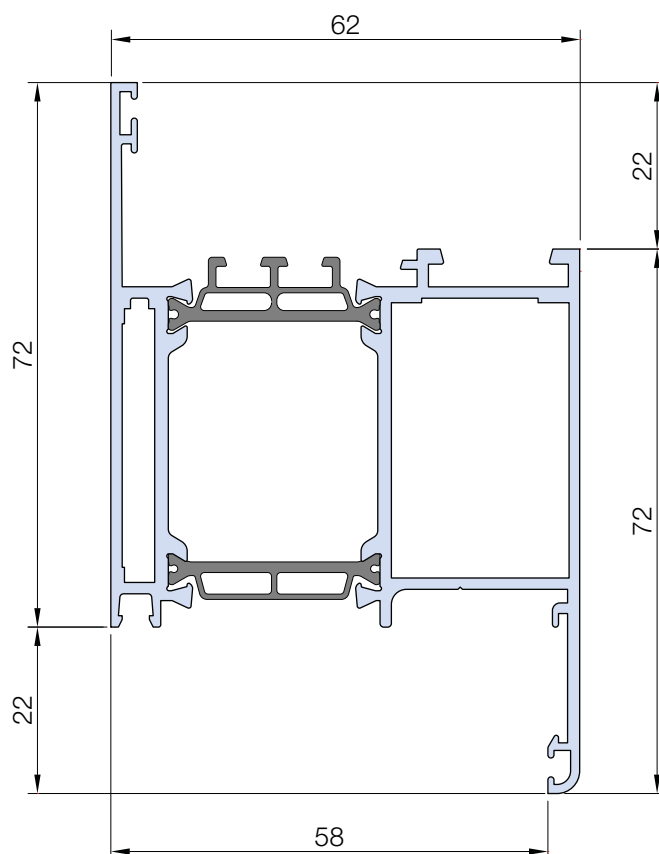
TT 61822
1367 g/m



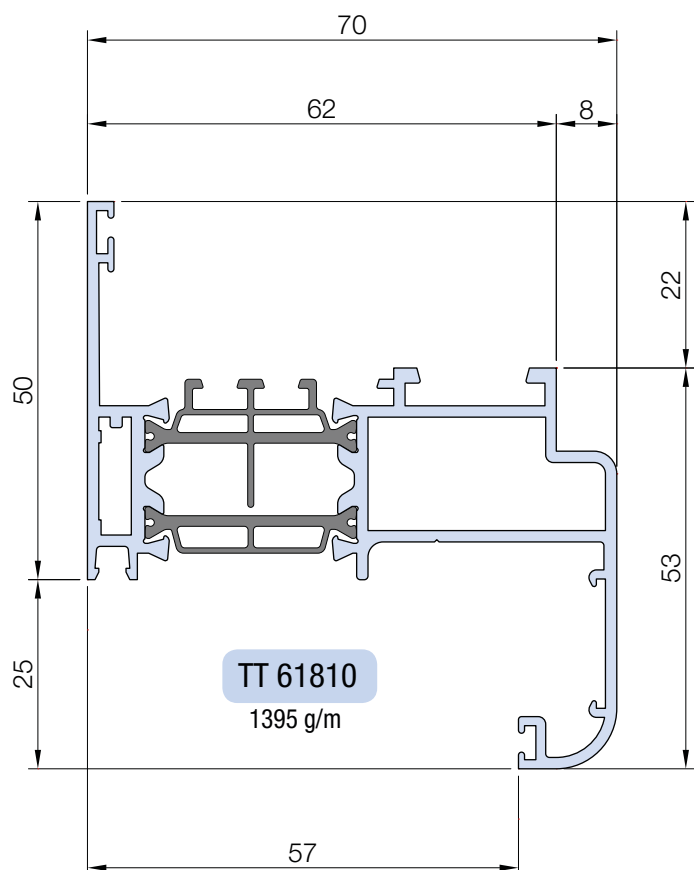
TT 61821
1315 g/m

**TT 61882**

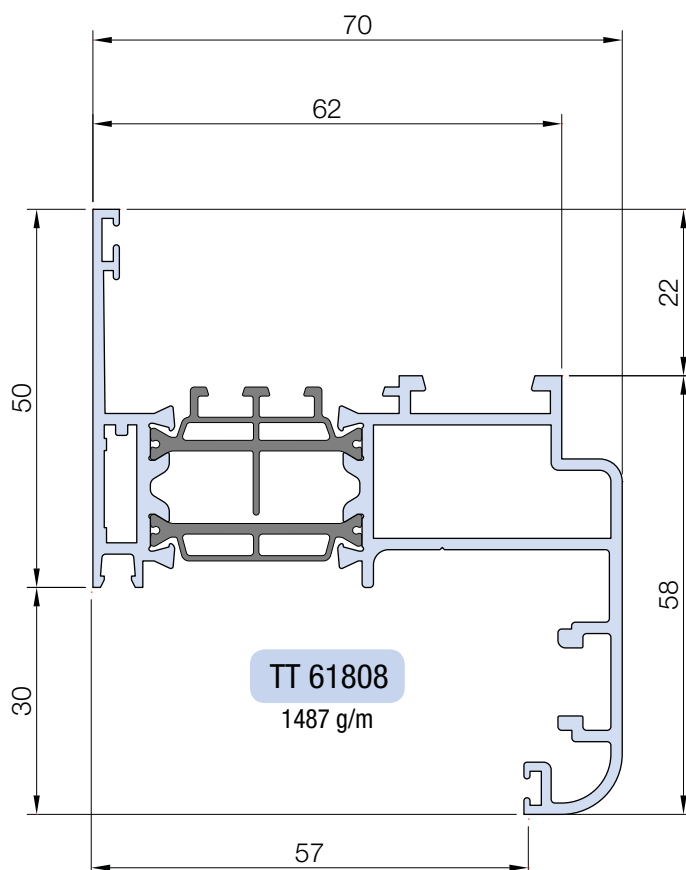
1493 g/m

**TT 61832**

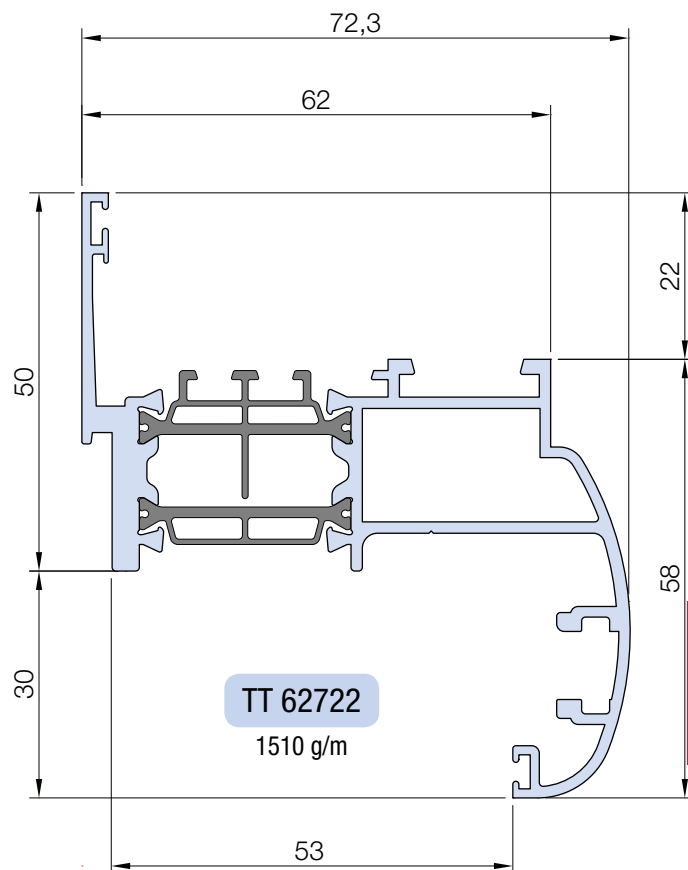
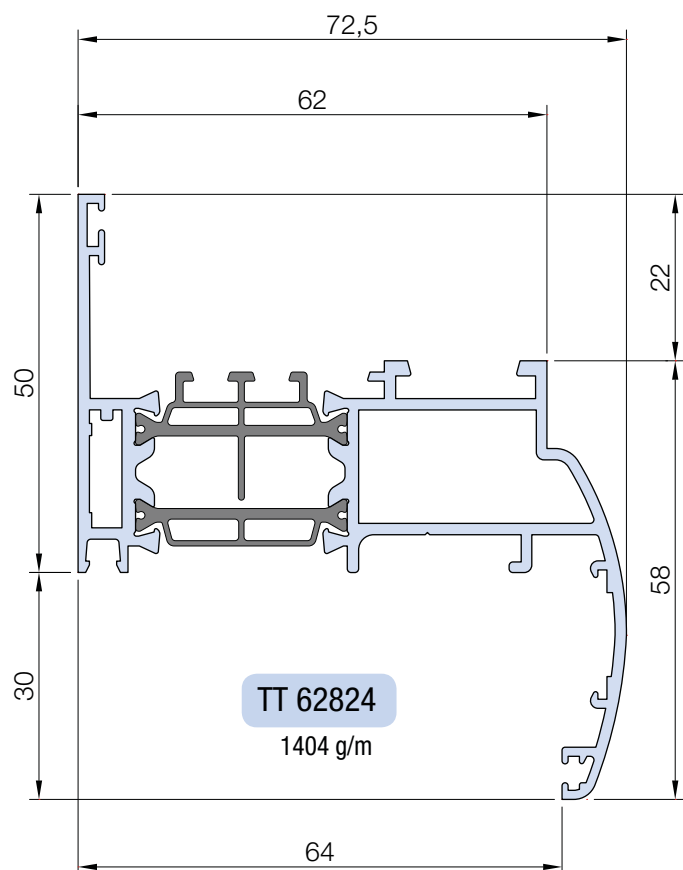
1660 g/m

**TT 61810**

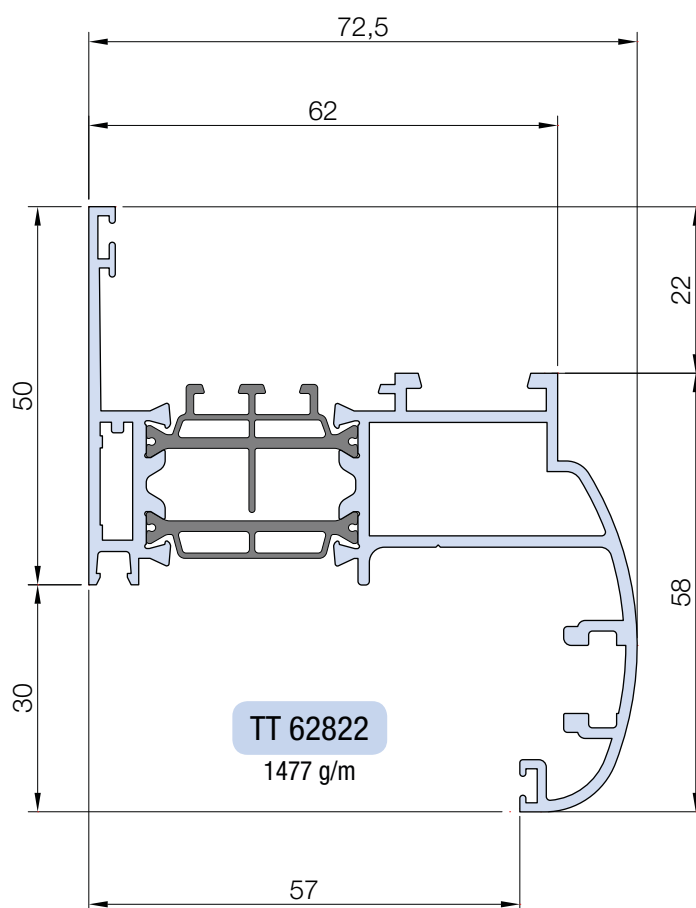
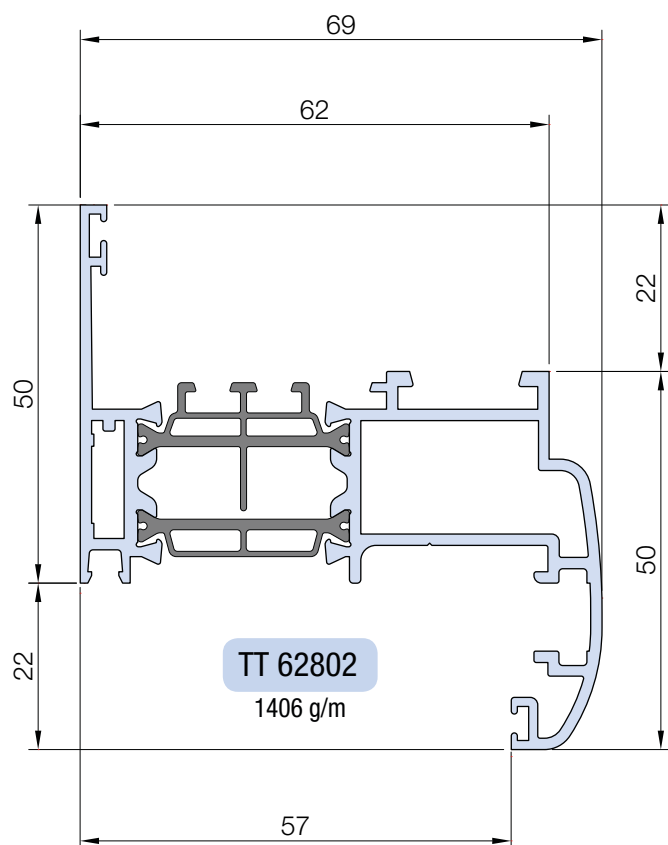
1395 g/m

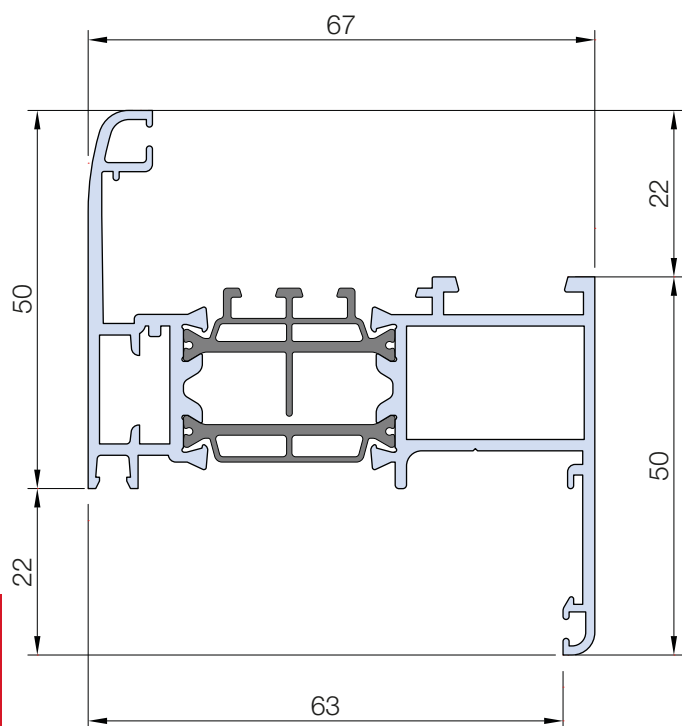
**TT 61808**

1487 g/m



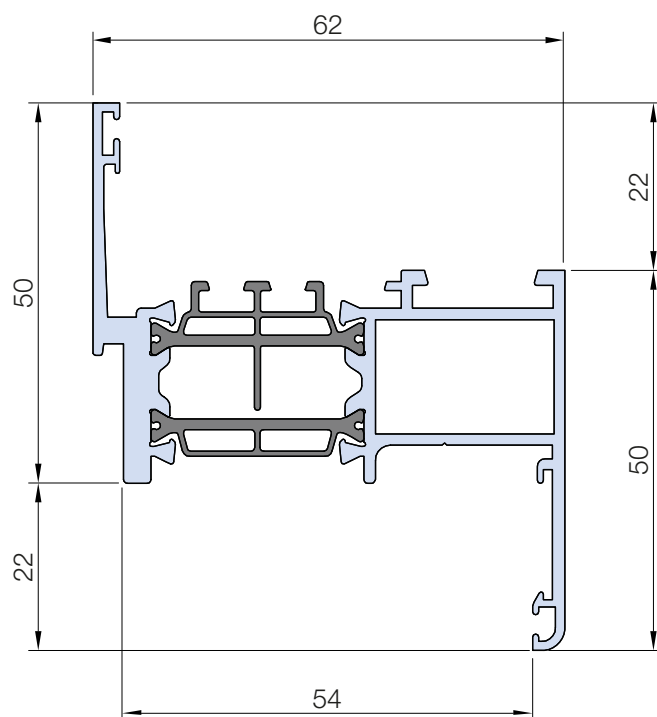
SAGOMARIO
Profile representation





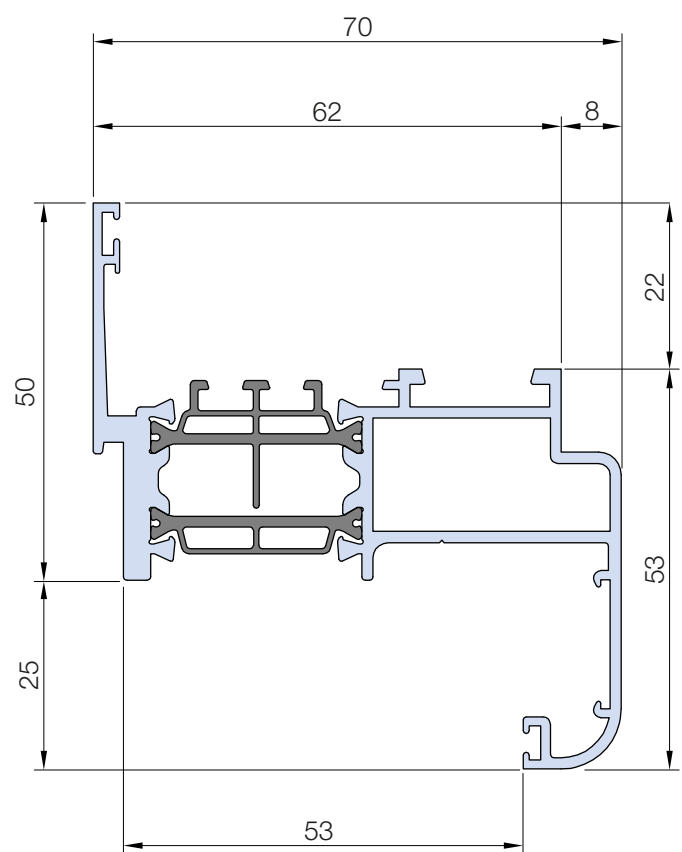
TT 61872

1395 g/m



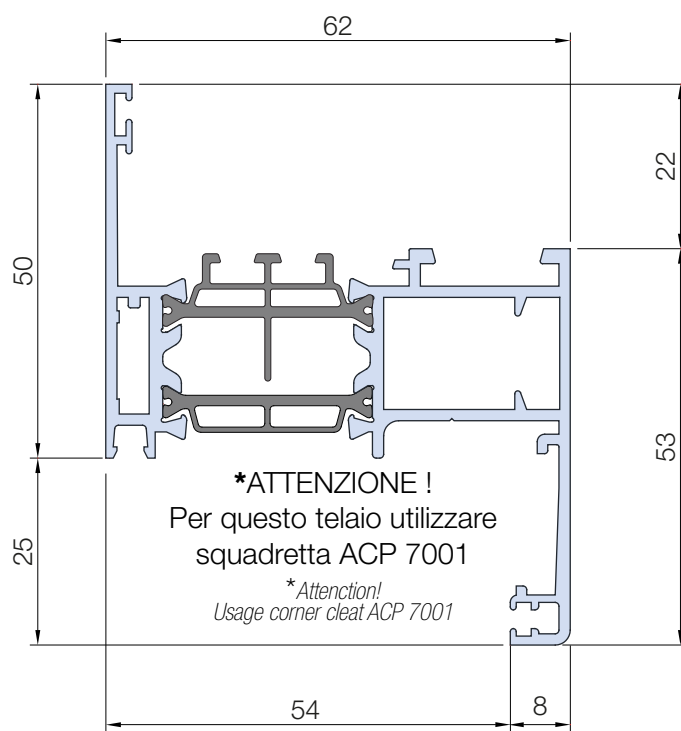
TT 62890

1310 g/m



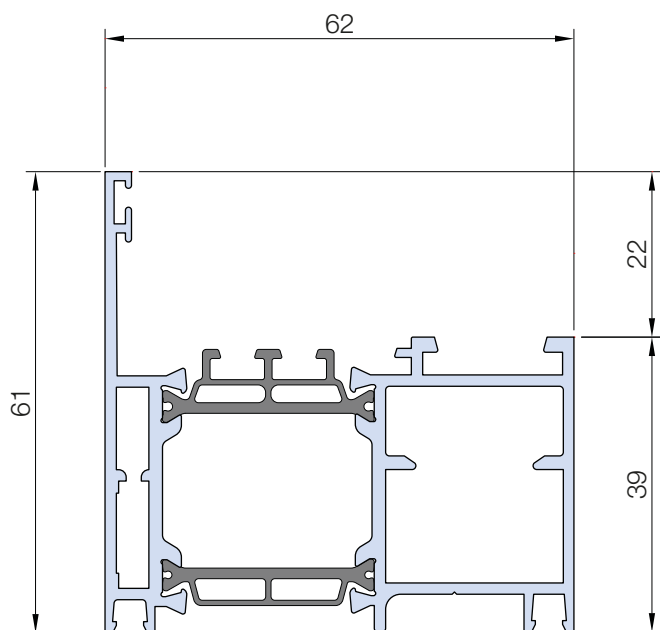
TT 62810

1433 g/m



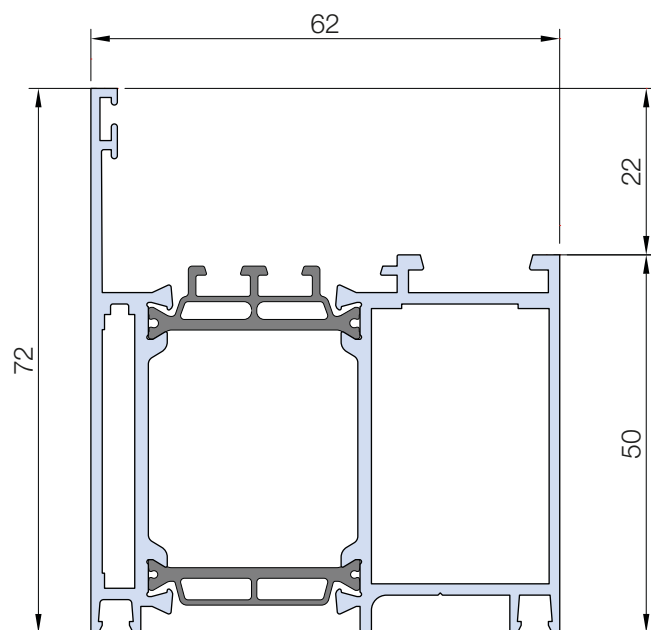
TT 61892

1343 g/m



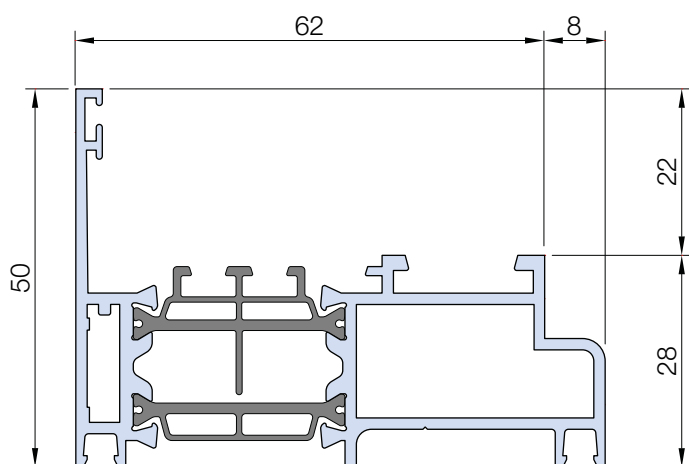
TT 61883

1386 g/m



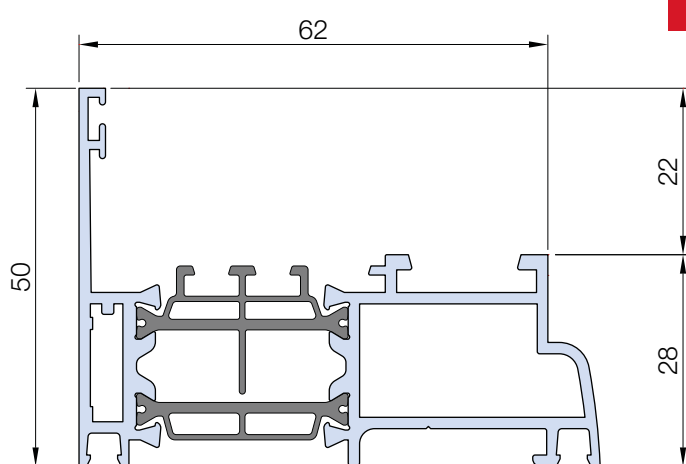
TT 61833

1552 g/m



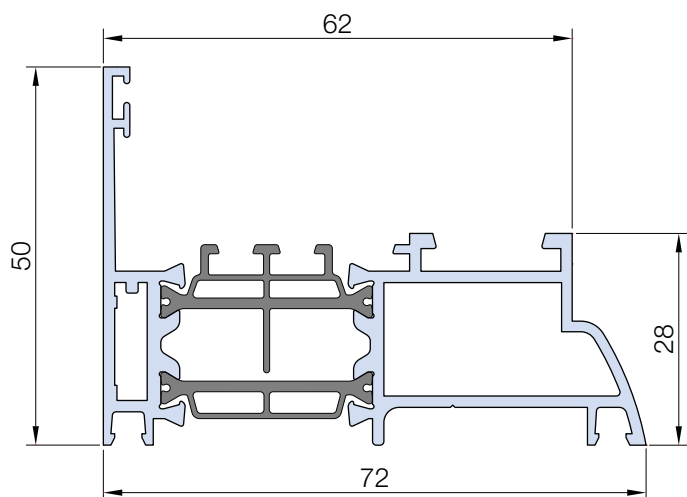
TT 61809

1232 g/m



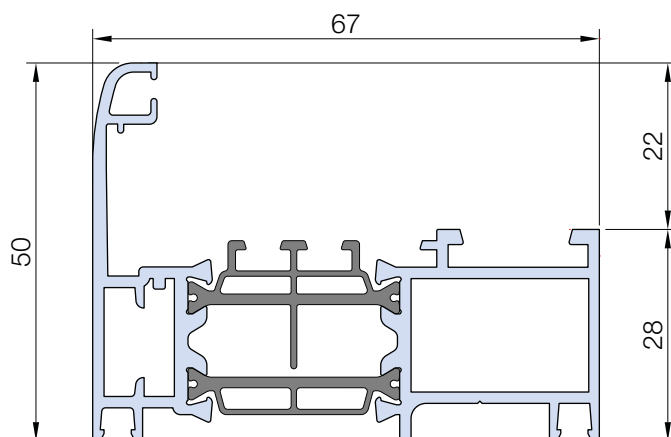
TT 62803

1224 g/m



TT 62823

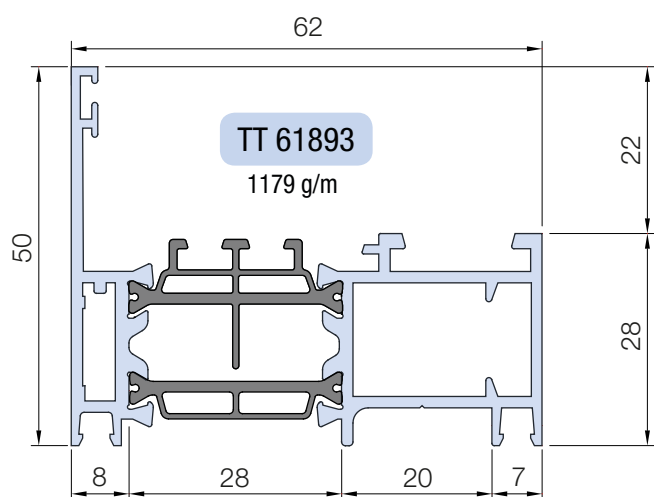
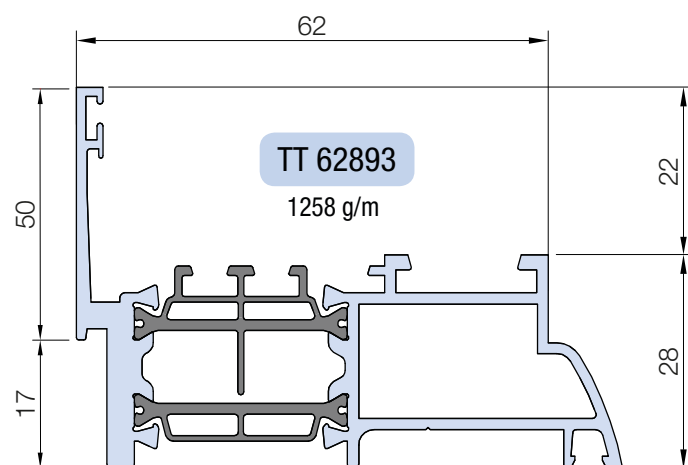
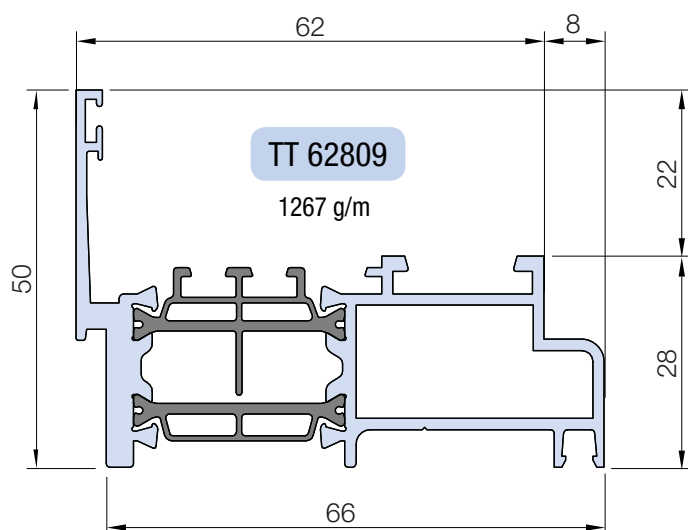
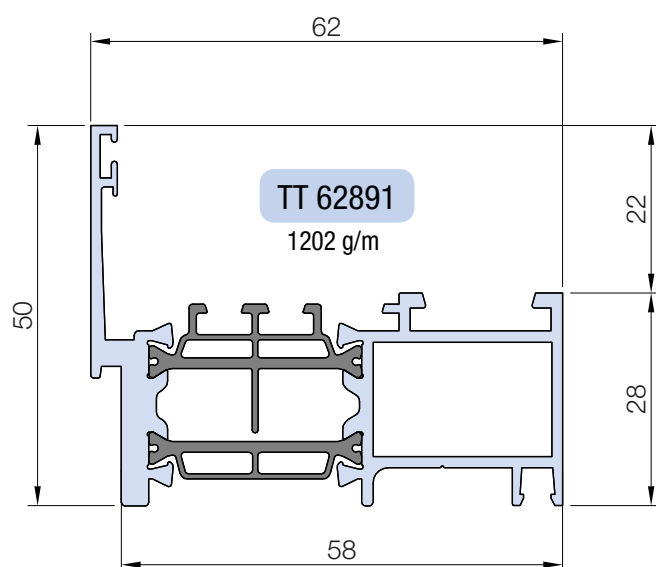
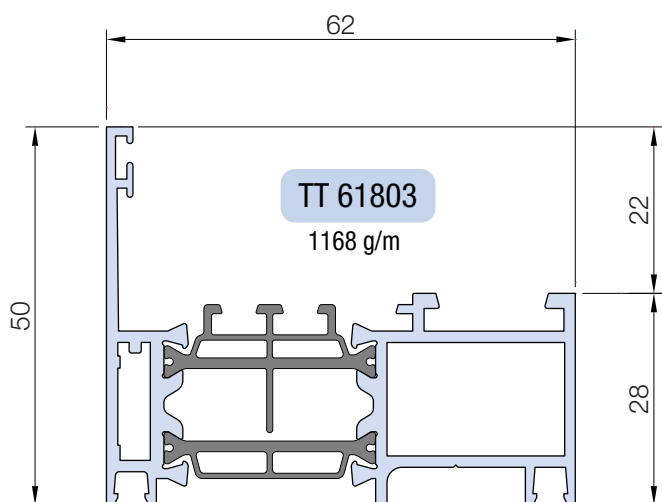
1223g/m



TT 61873

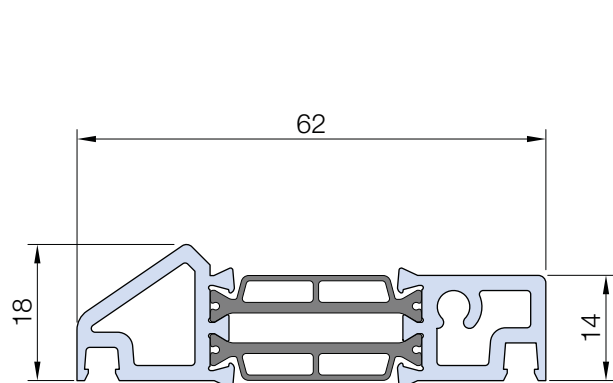
1287g/m

SAGOMARIO
Profile representation



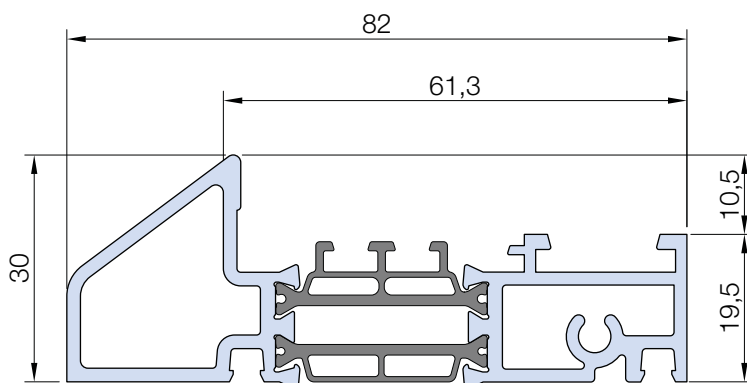
***ATTENZIONE !**
Per questo telaio utilizzare
squadretta ACP 7001

**Attention!
Usage corner cleat ACP 7001*



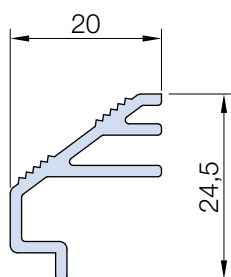
TT 6105

915 g/m



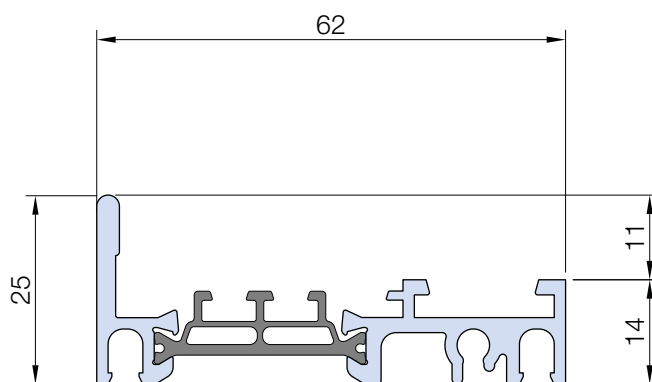
TT 61806

1312 g/m



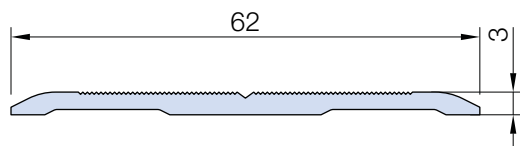
PL 20126

260 g/m



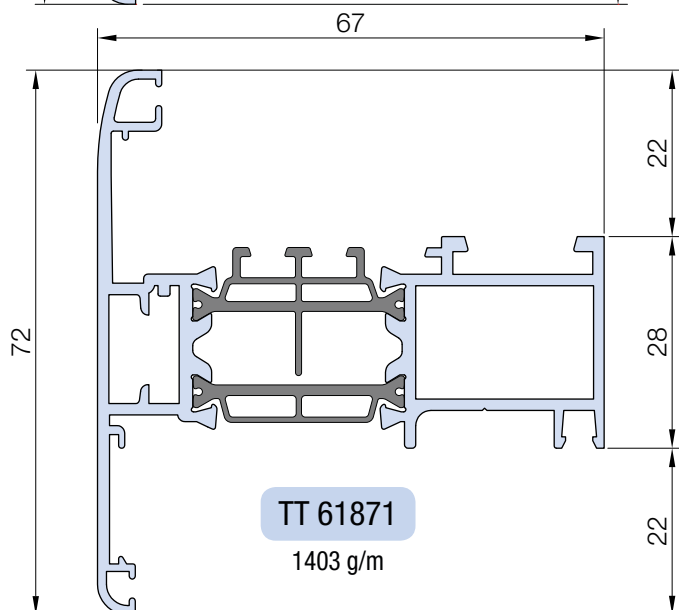
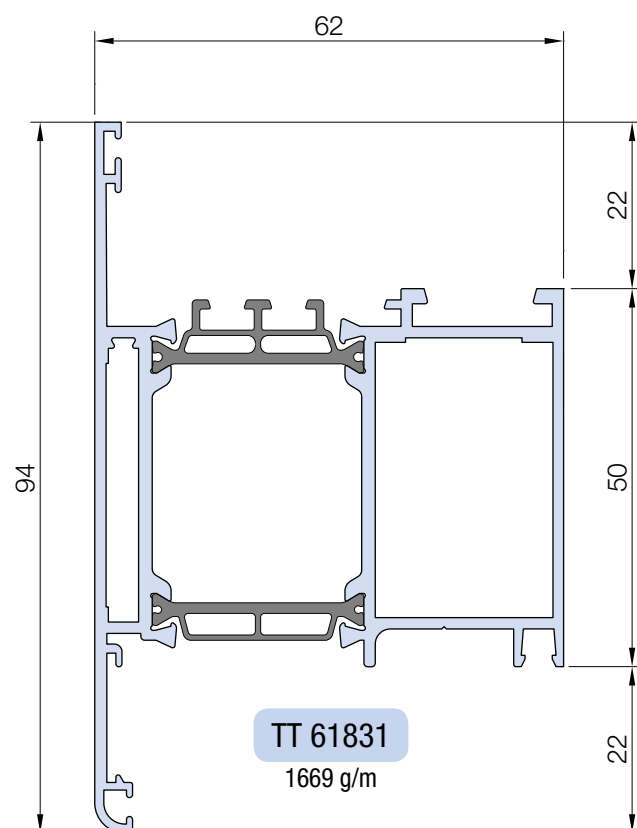
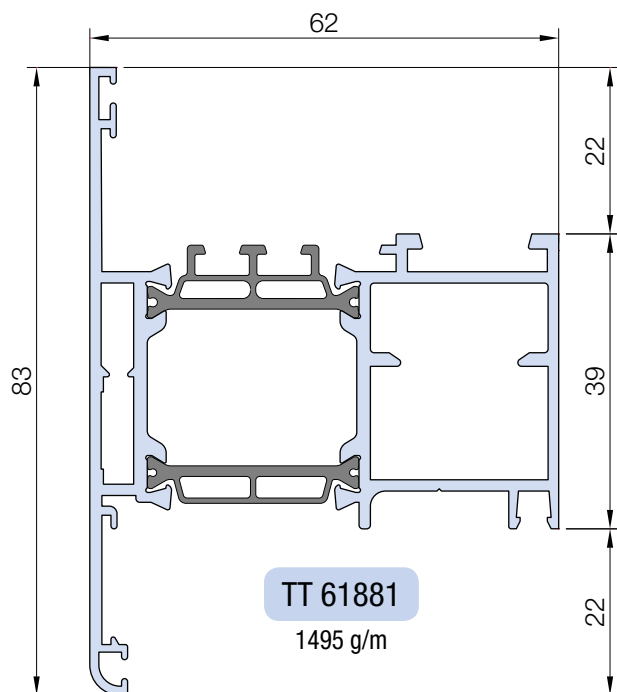
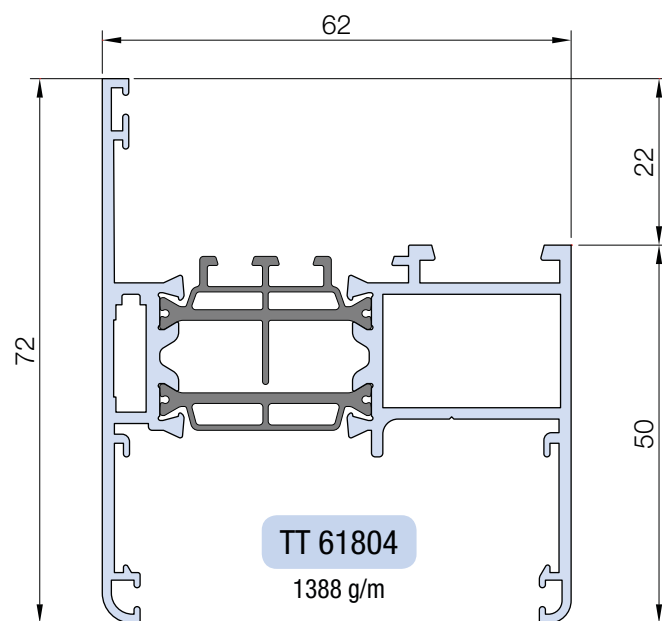
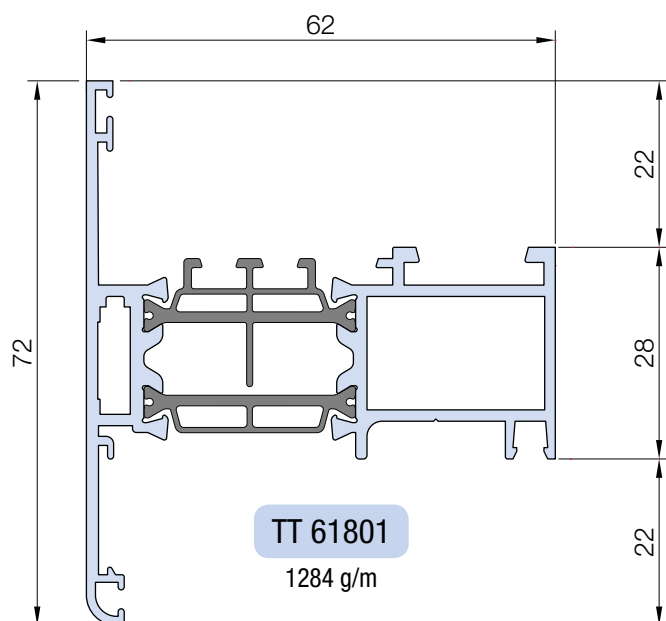
TT 61807

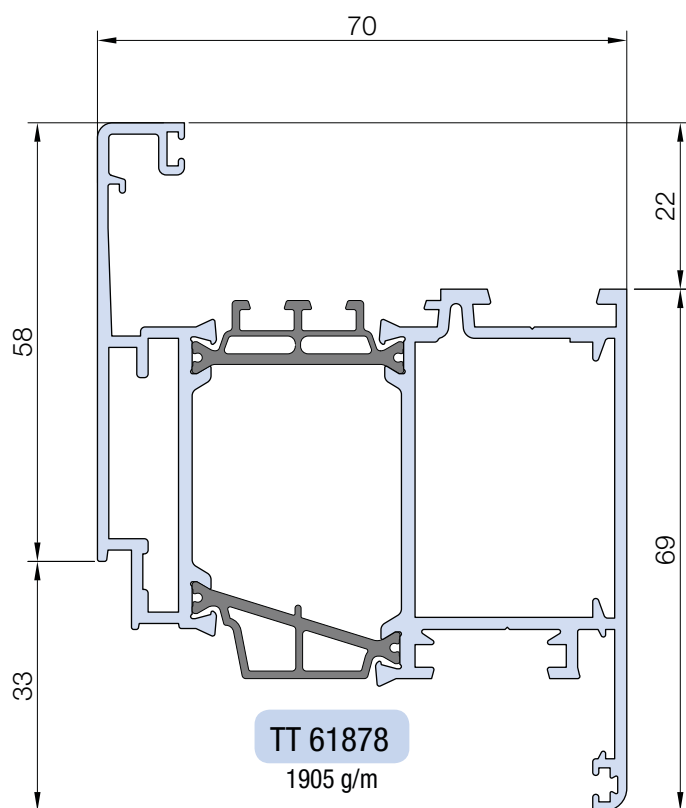
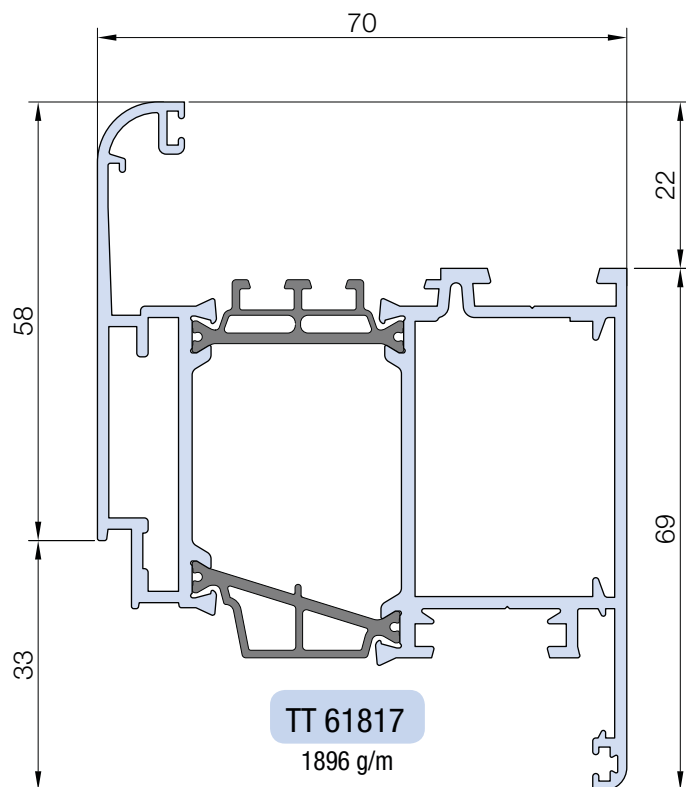
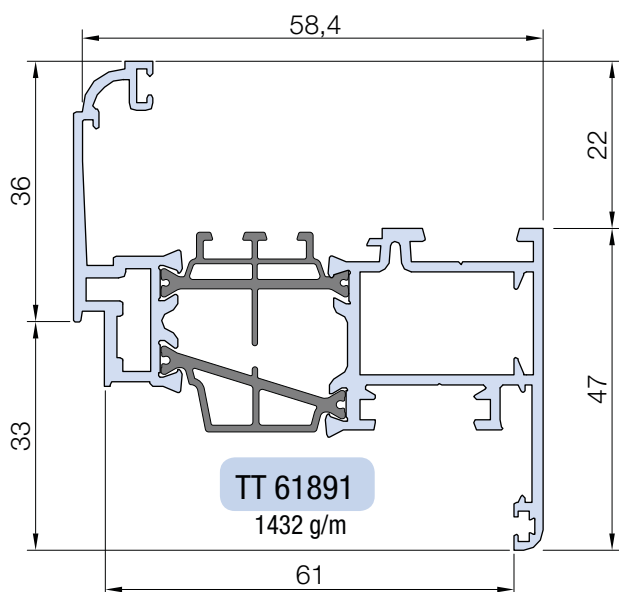
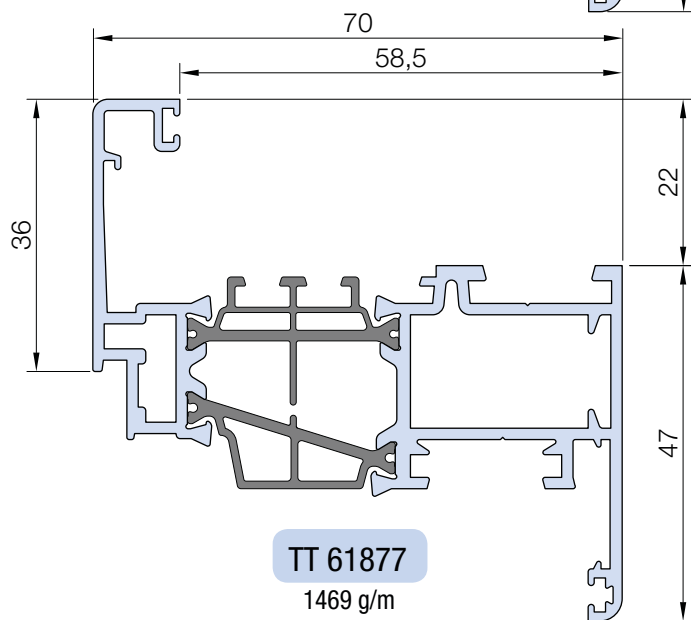
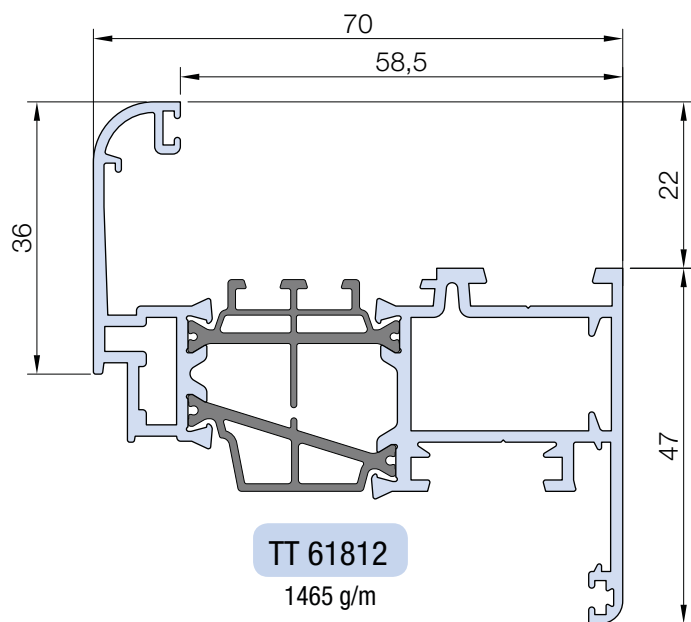
759 g/m



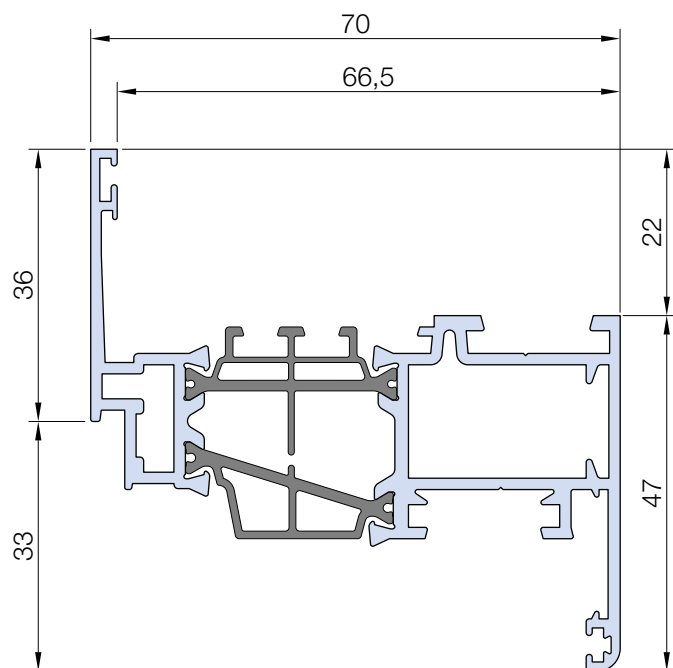
PL 2058

404 g/m

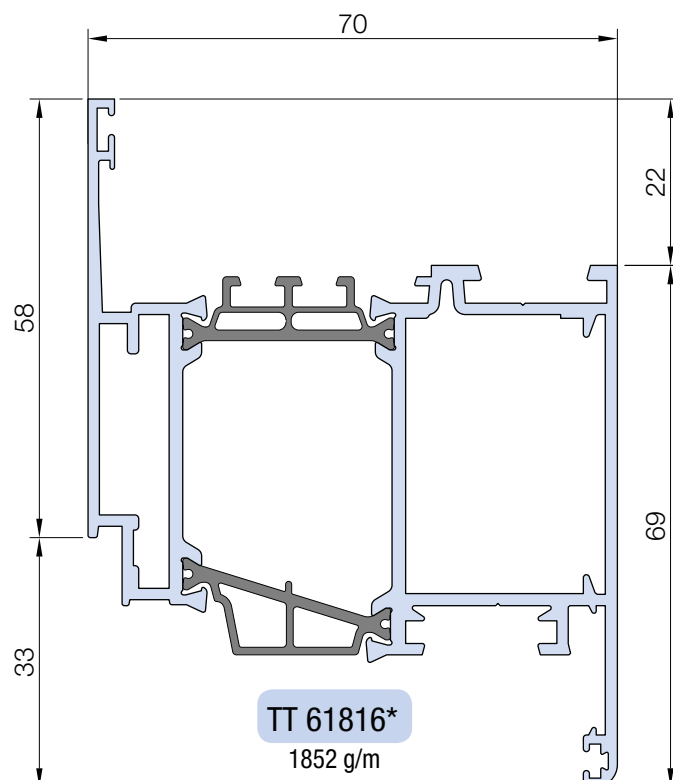




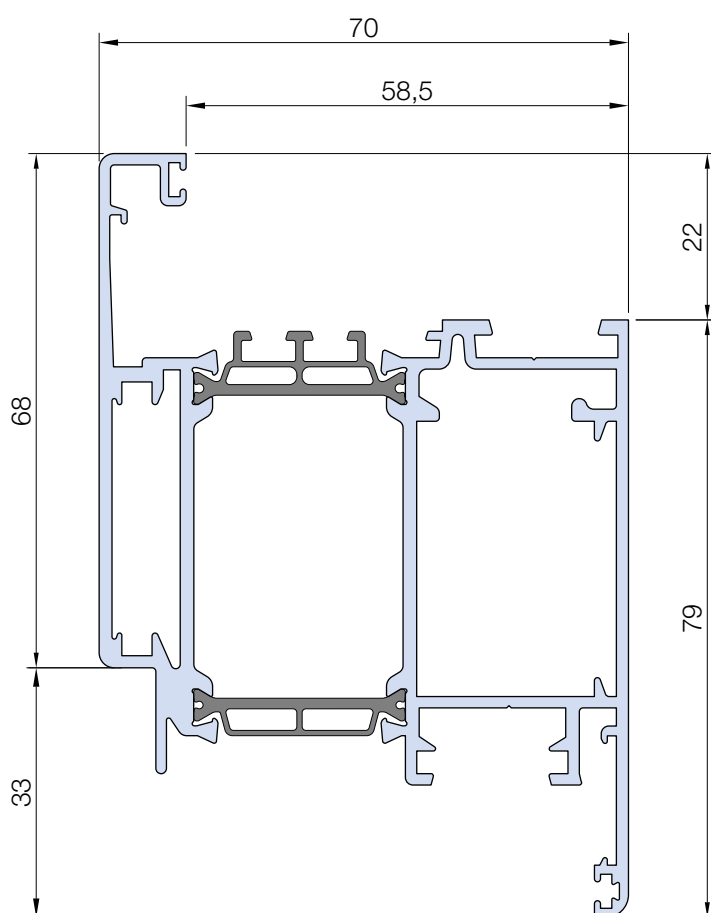
SAGOMARIO
Profile representation

**TT 61811***

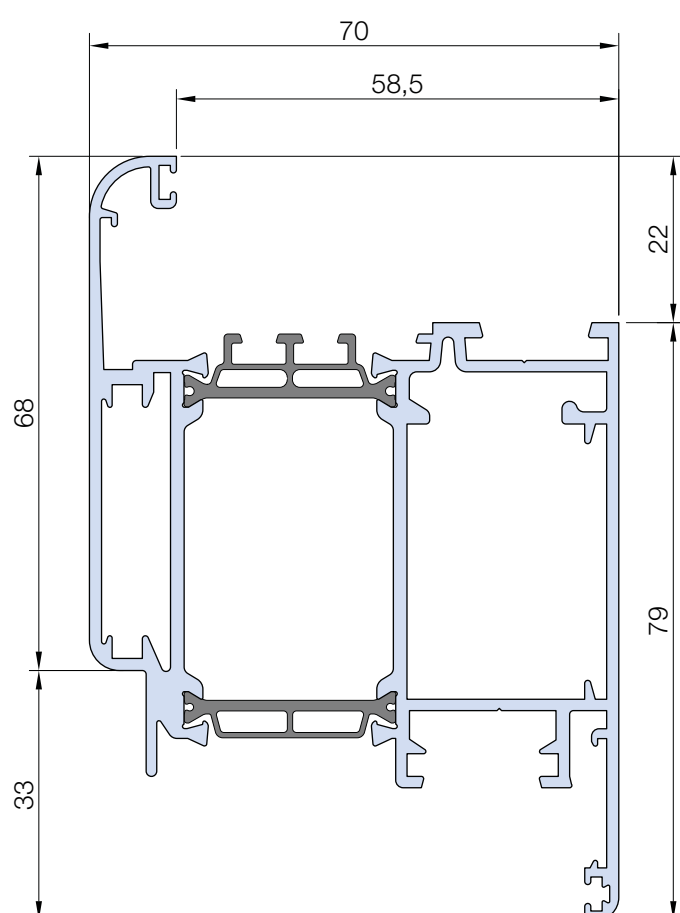
1414 g/m

**TT 61816***

1852 g/m

**TT 61735**

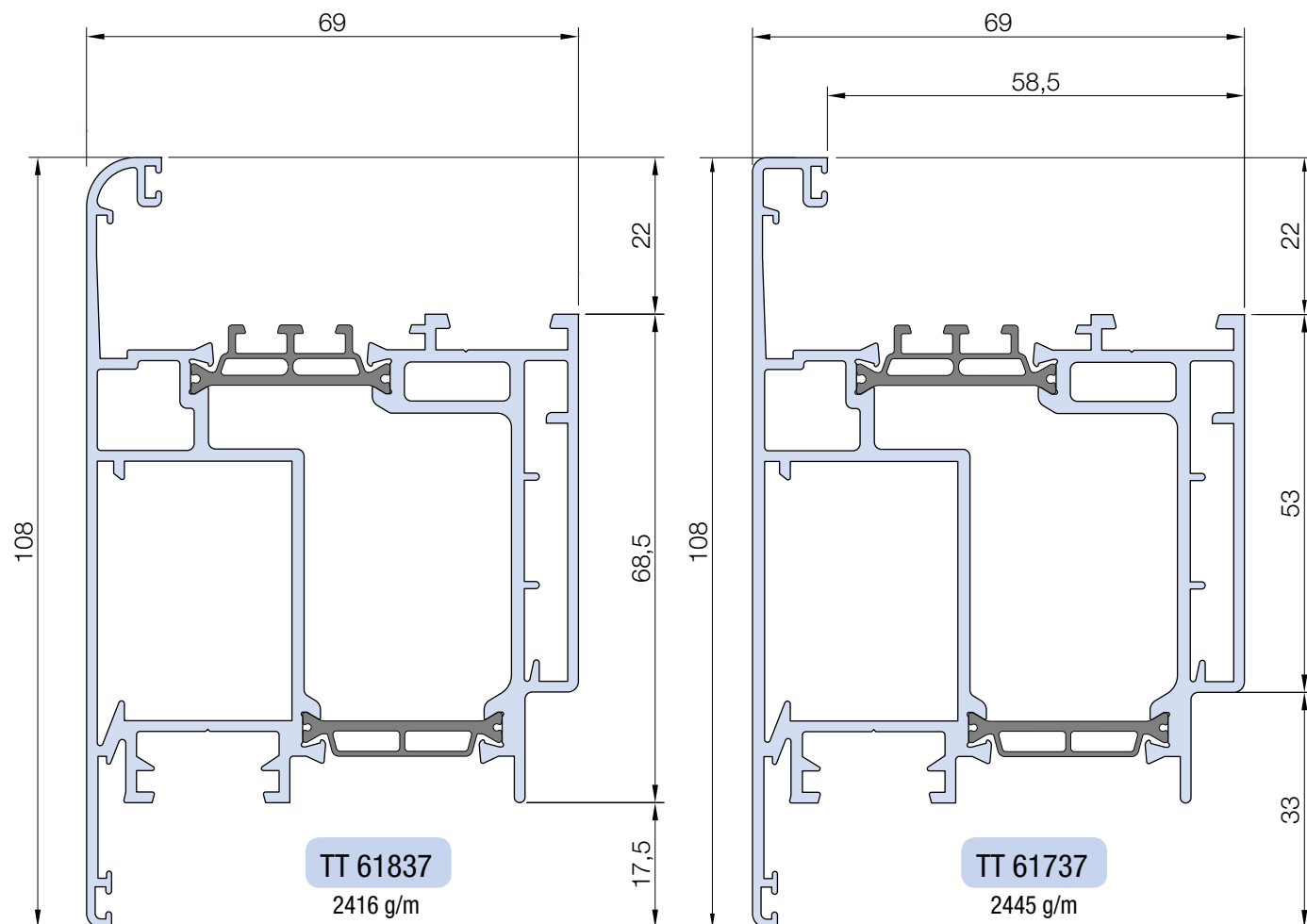
2219 g/m

**TT 61835**

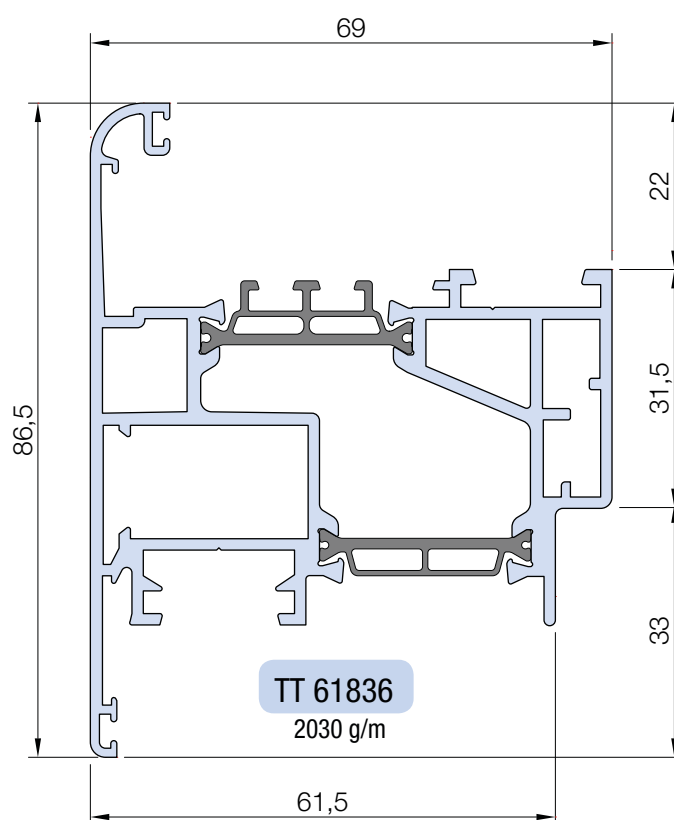
2190 g/m

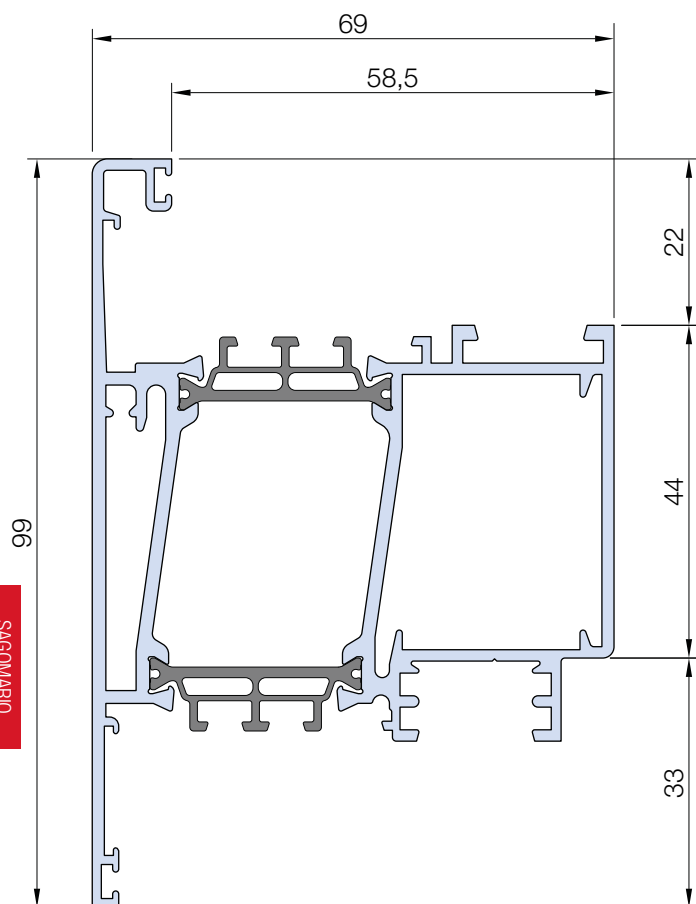
*Utilizzare sempre guarnizione vetro esterna AGP 4014

* Use AGP 4014 external glass gasket always

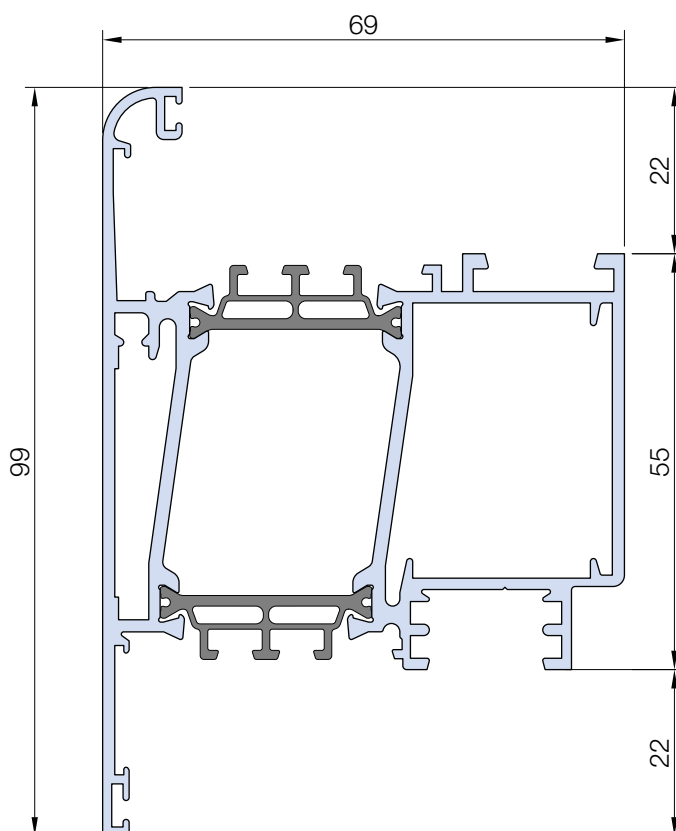


SAGOMARIO
Profile representation

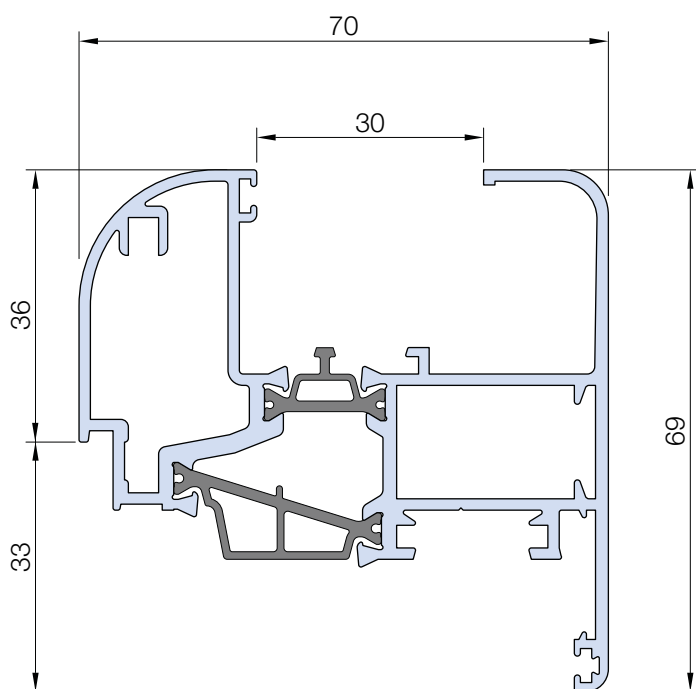


**TT 61896**

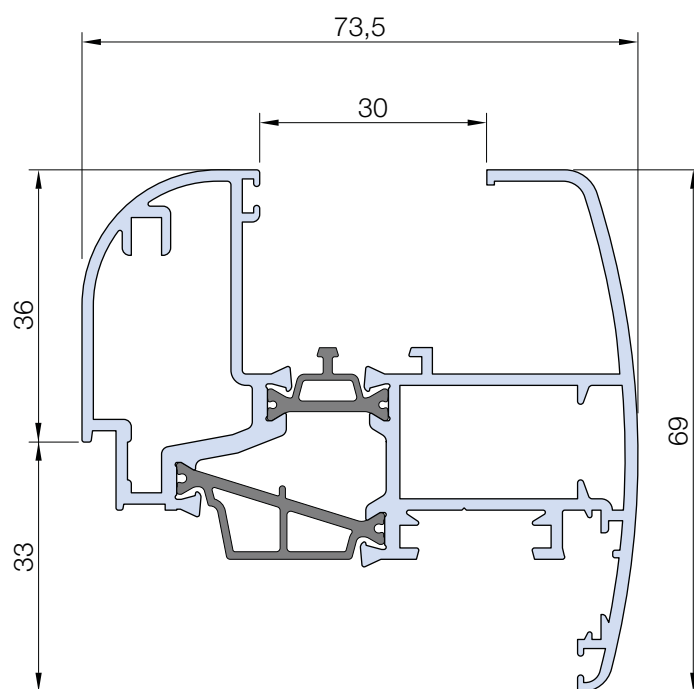
2045 g/m

**TT 61819**

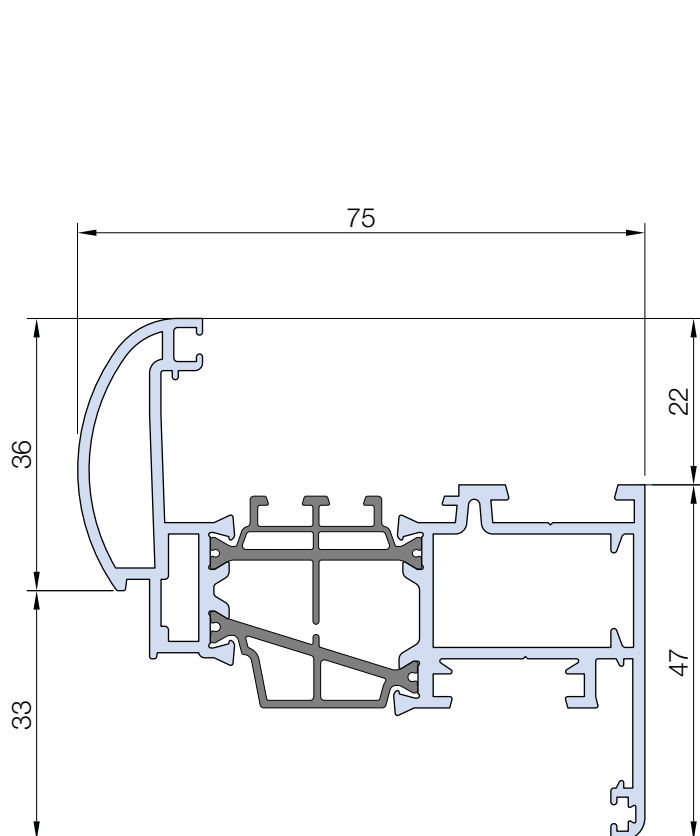
2018 g/m

**TT 61651**

1737 g/m

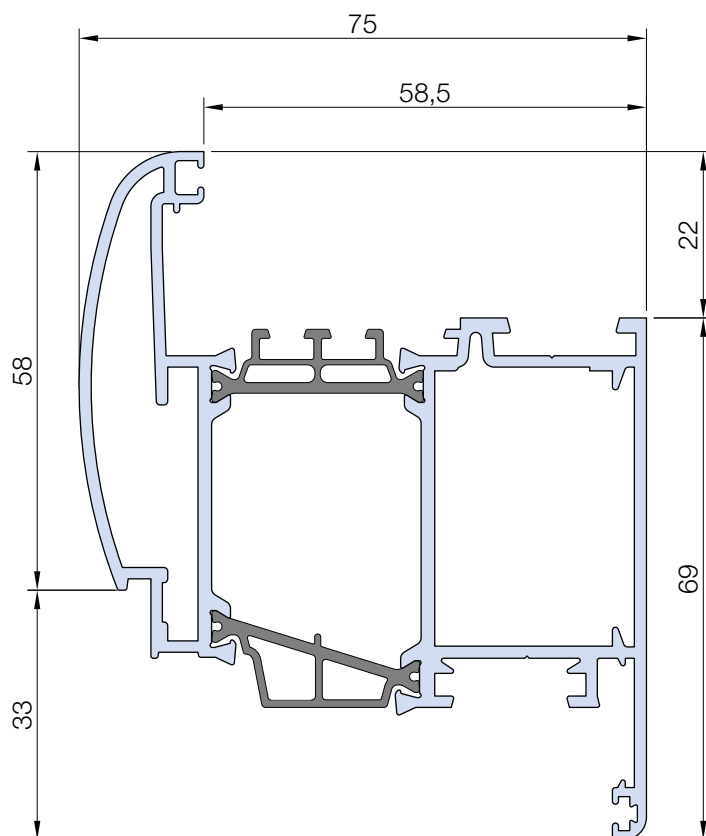
**TT 61751**

1713 g/m



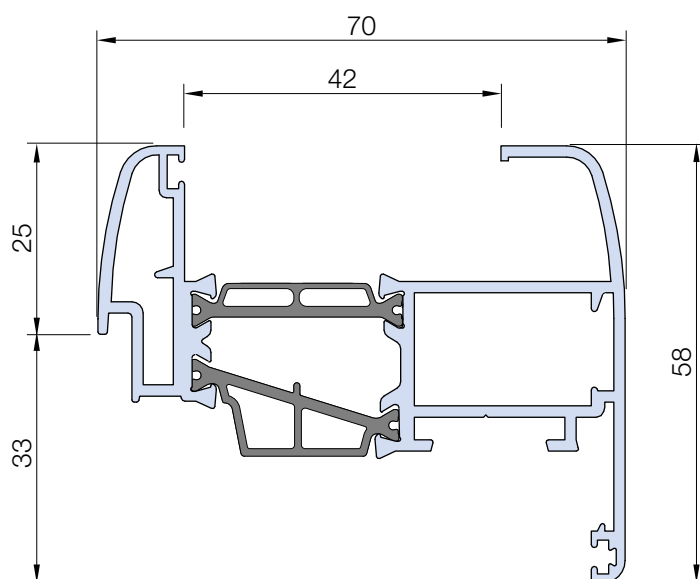
TT 61875

1553 g/m



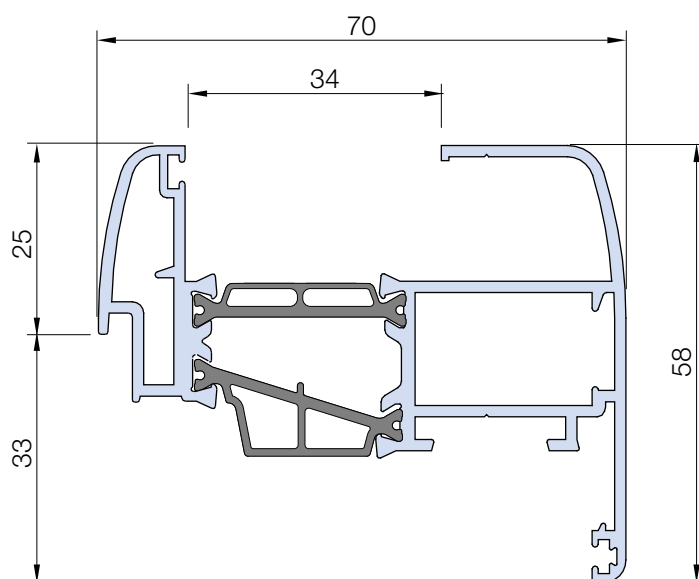
TT 61850

2158 g/m



TT 61857

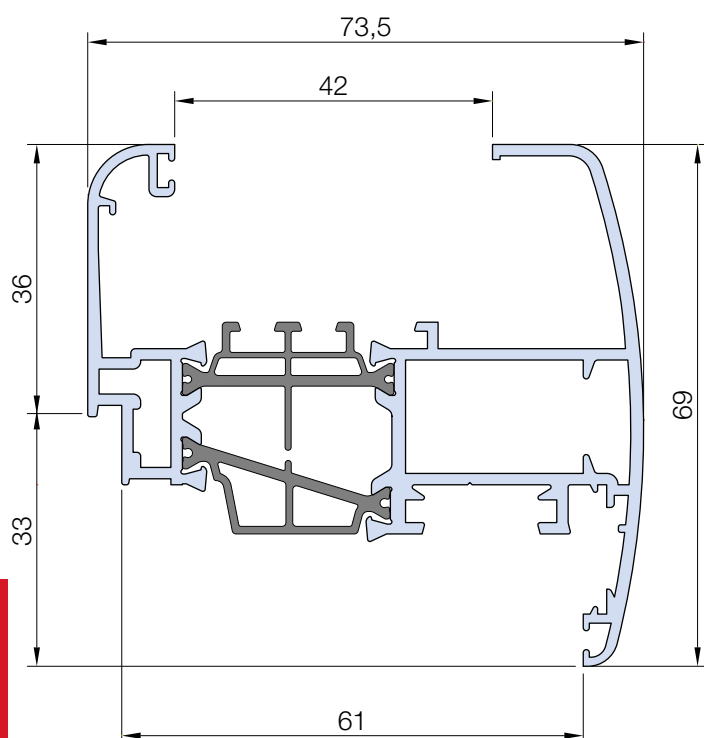
1386 g/m



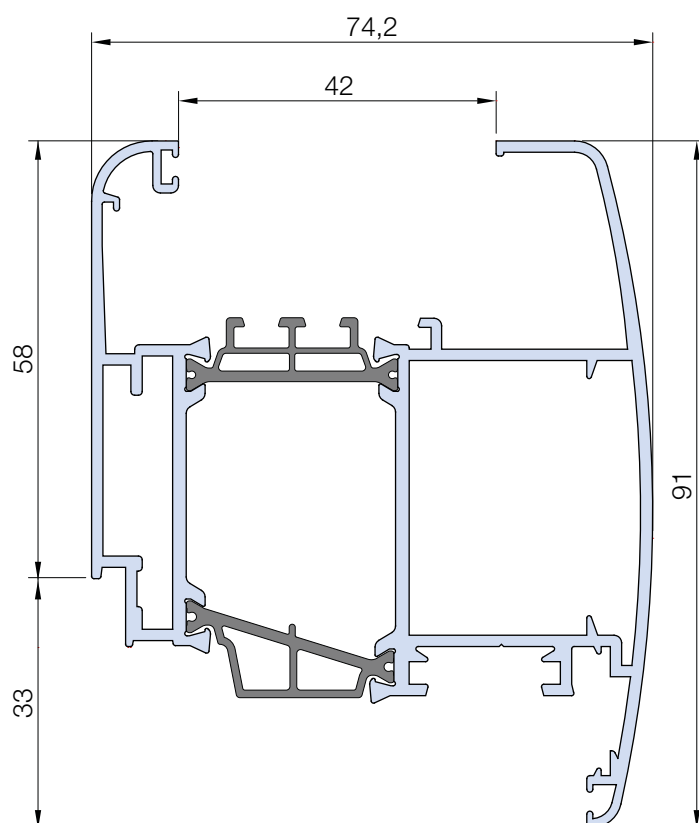
TT 61860

1418 g/m

SAGOMARIO
Profile representation

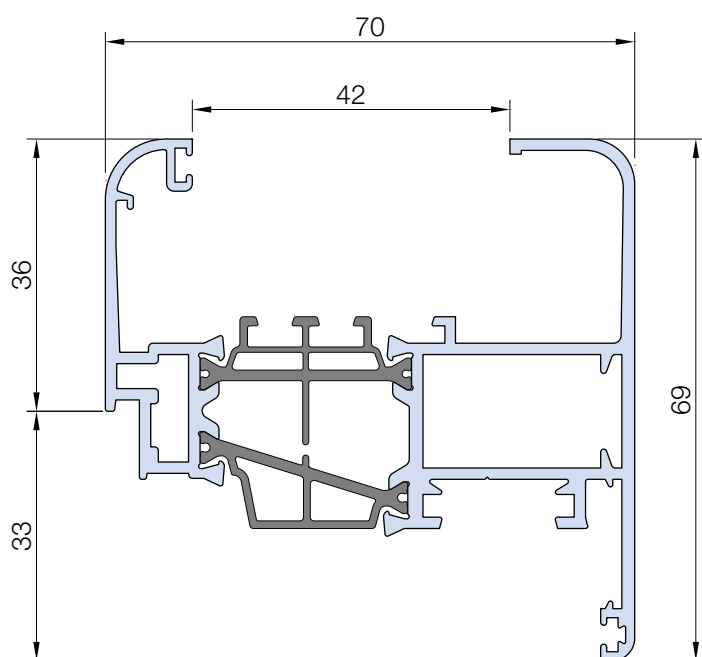

TT 62851

1570 g/m

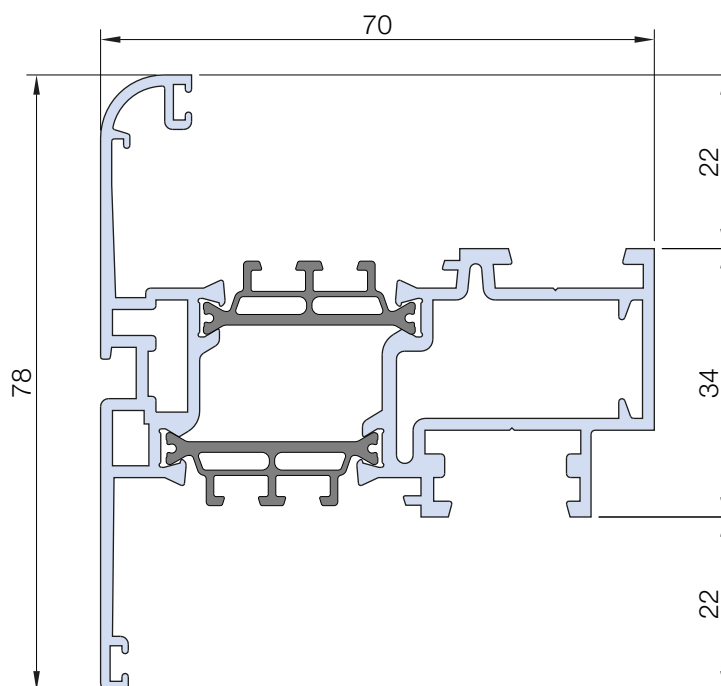

TT 61856

2028 g/m

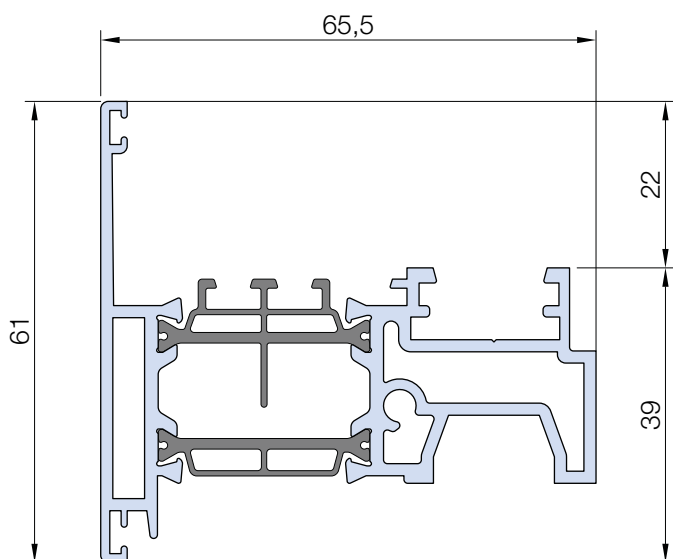
DISPONIBILE SOLO SU ORDINAZIONE


TT 61851

1552 g/m

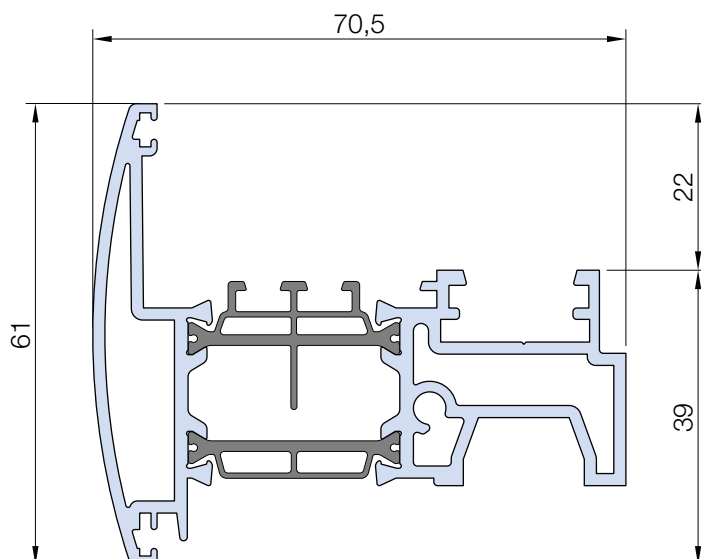

TT 61814

1663 g/m



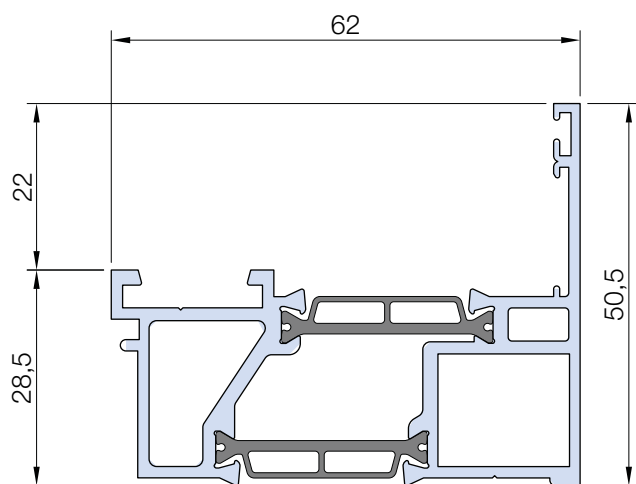
TT 61813

1468 g/m



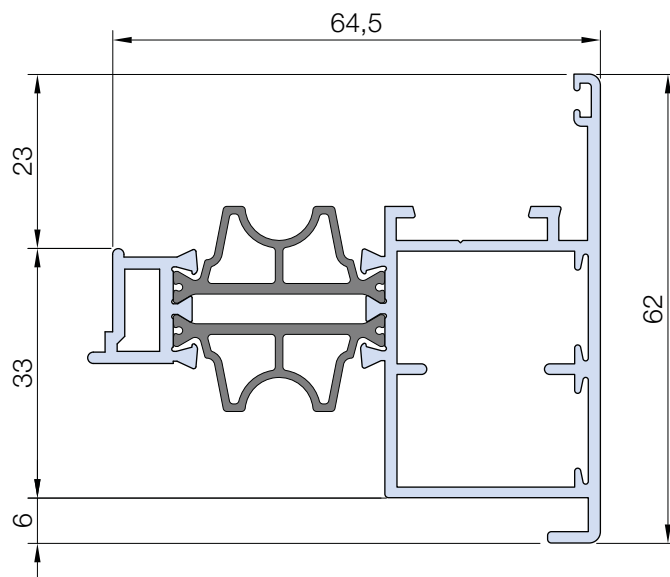
TT 61713

1601 g/m



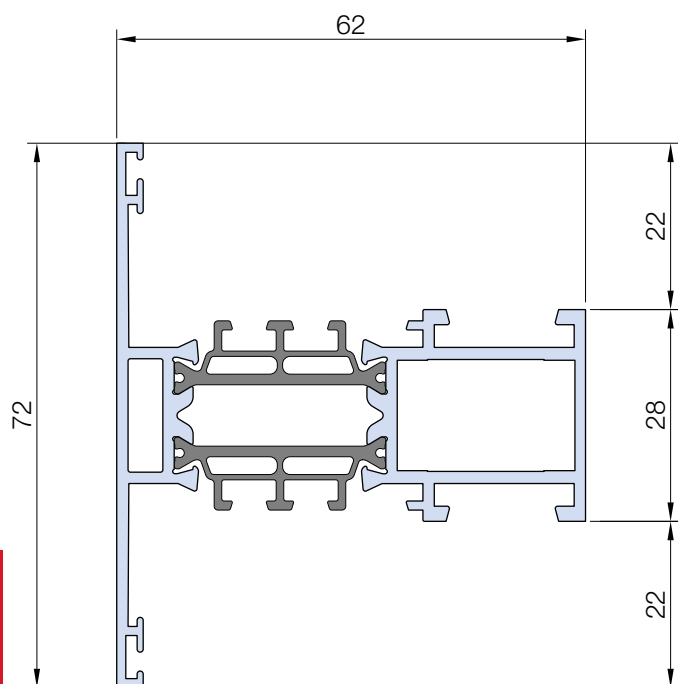
TT 61123

1230 g/m

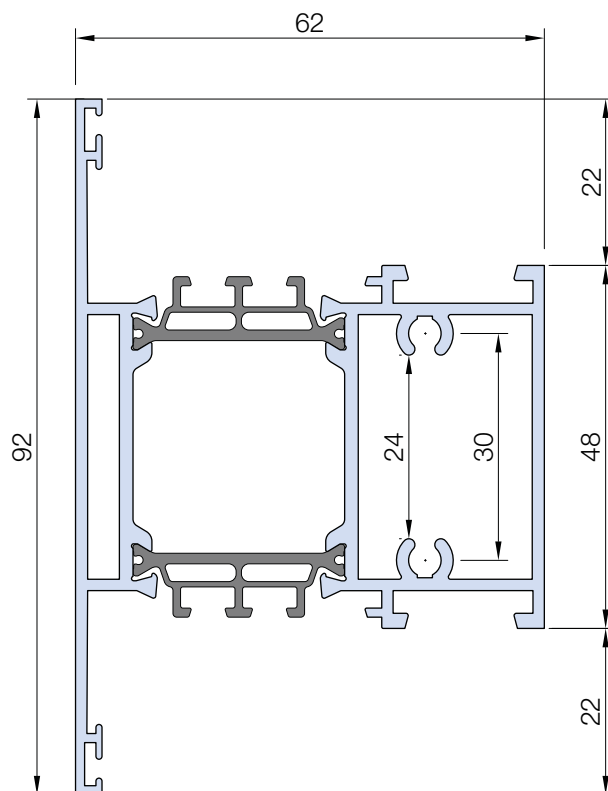


TT 6120

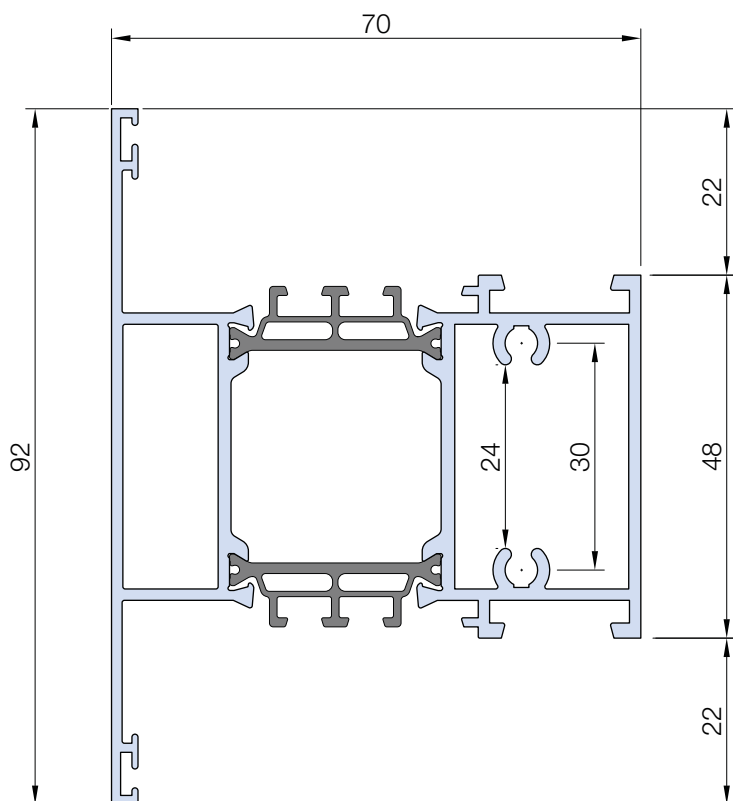
1334 g/m


TT 61828

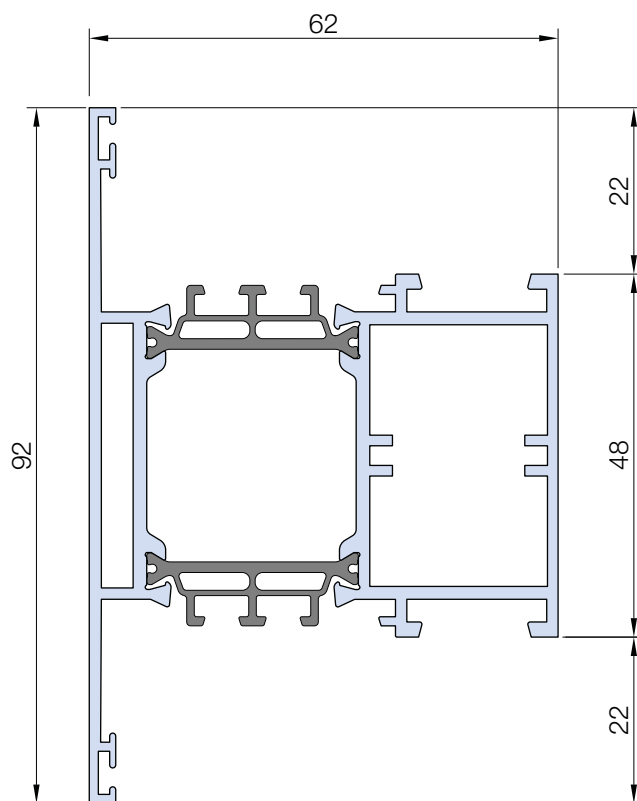
1288 g/m


TT 61738

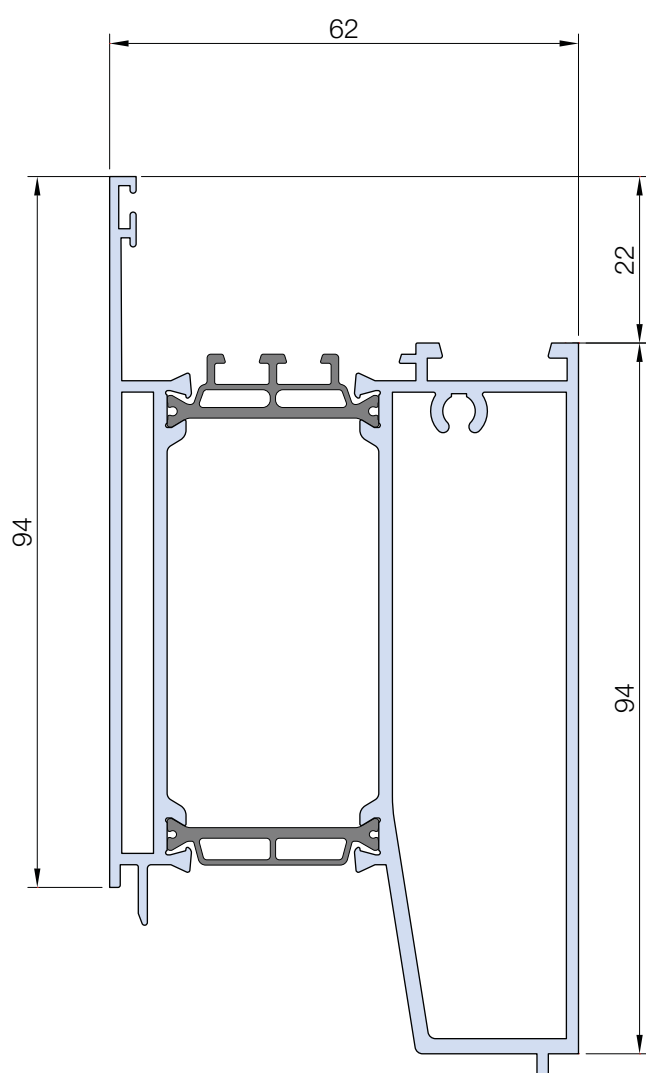
1765 g/m


TT 61839

1839 g/m

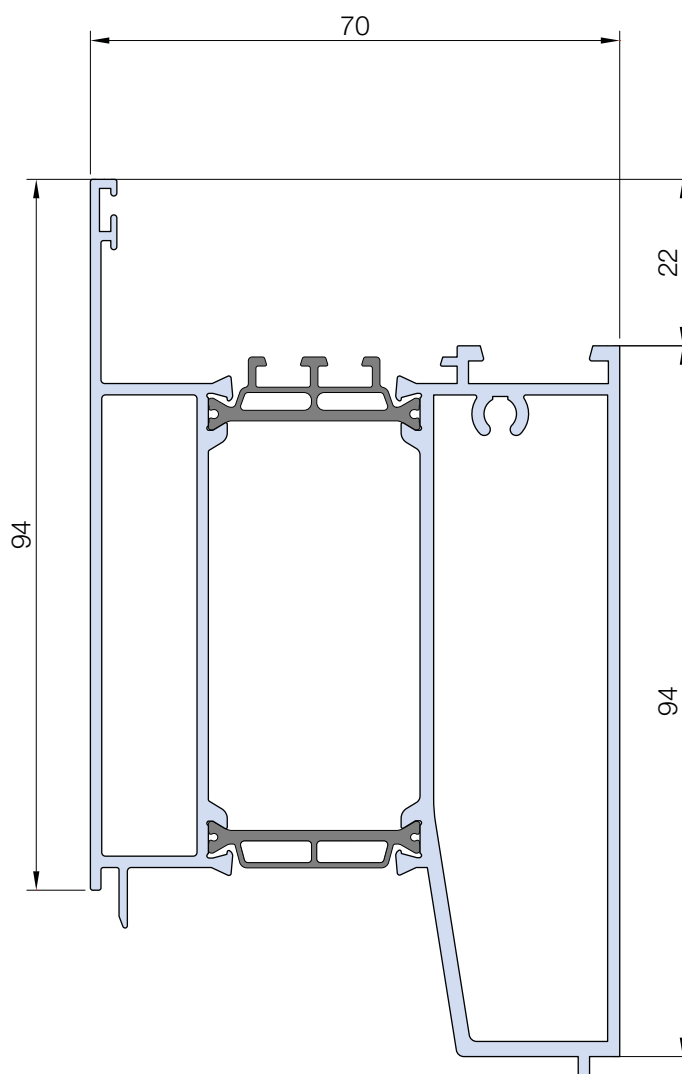

TT 61838

1700 g/m



TT 61847

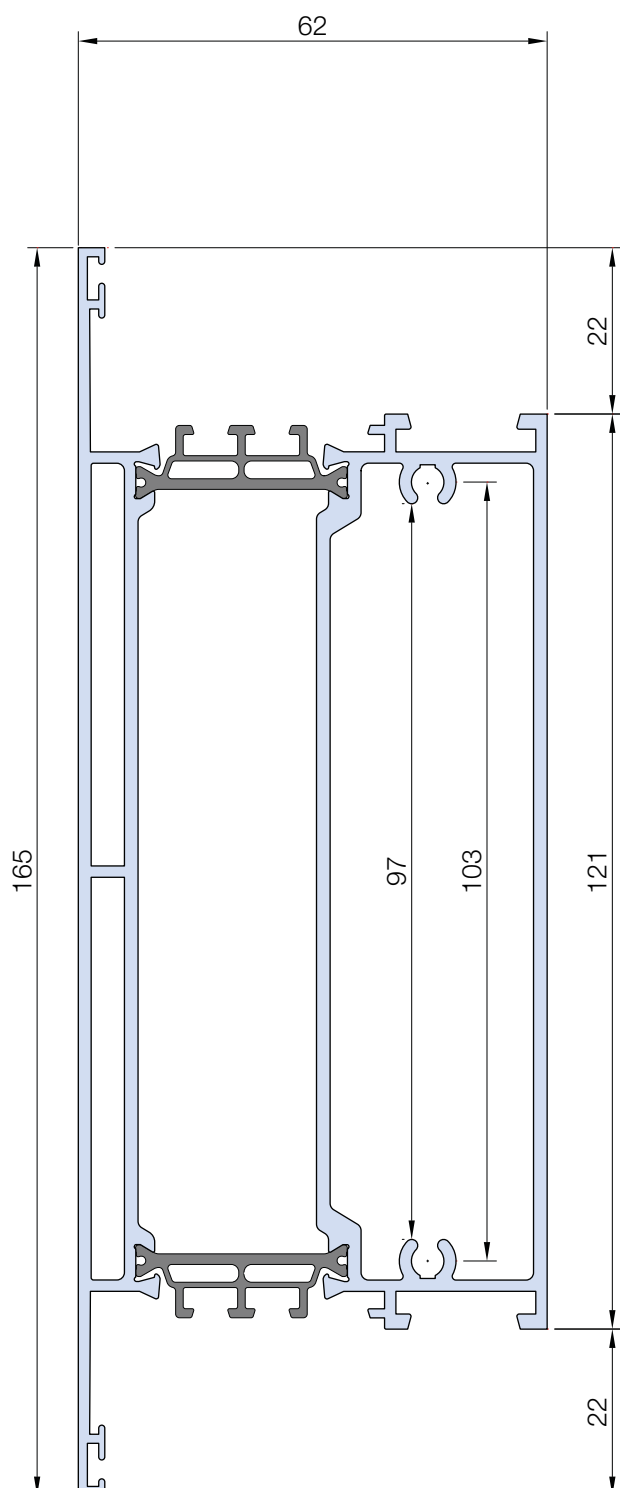
2274 g/m



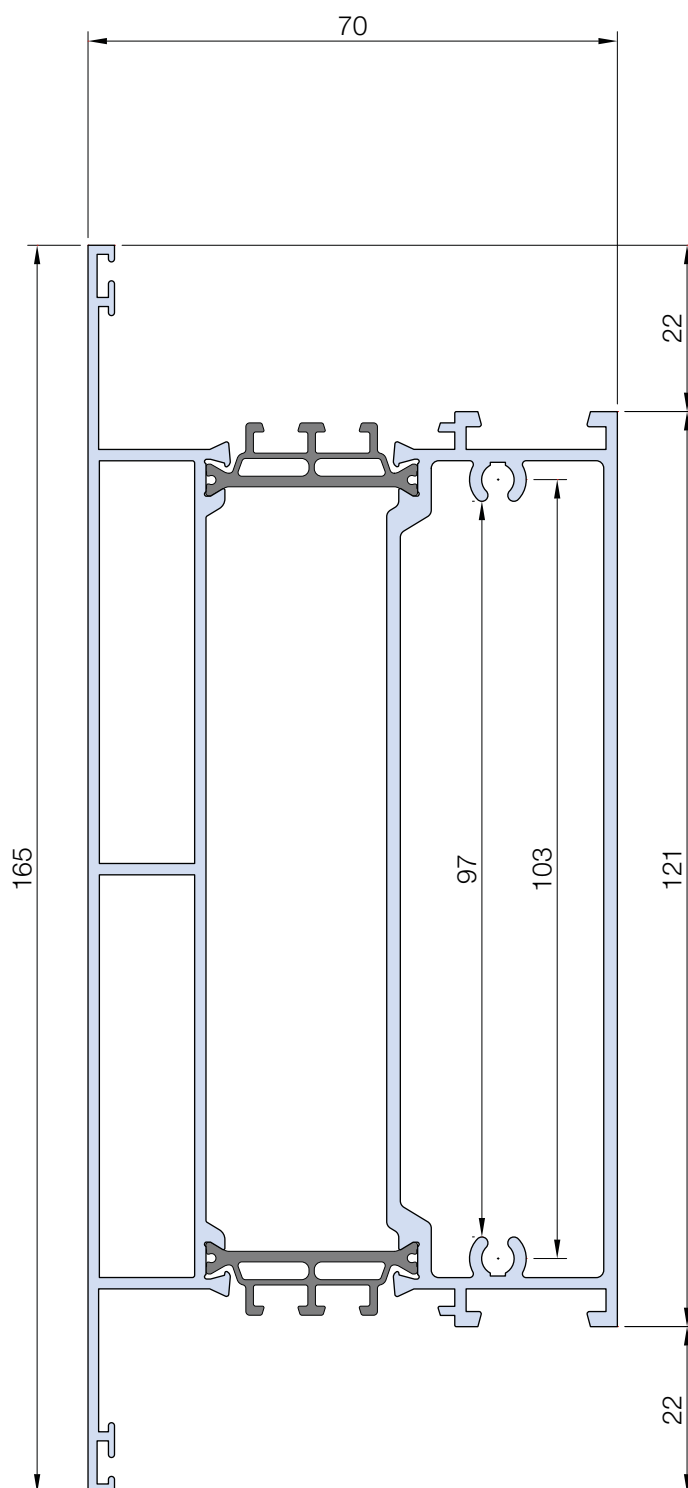
TT 61848

2337 g/m

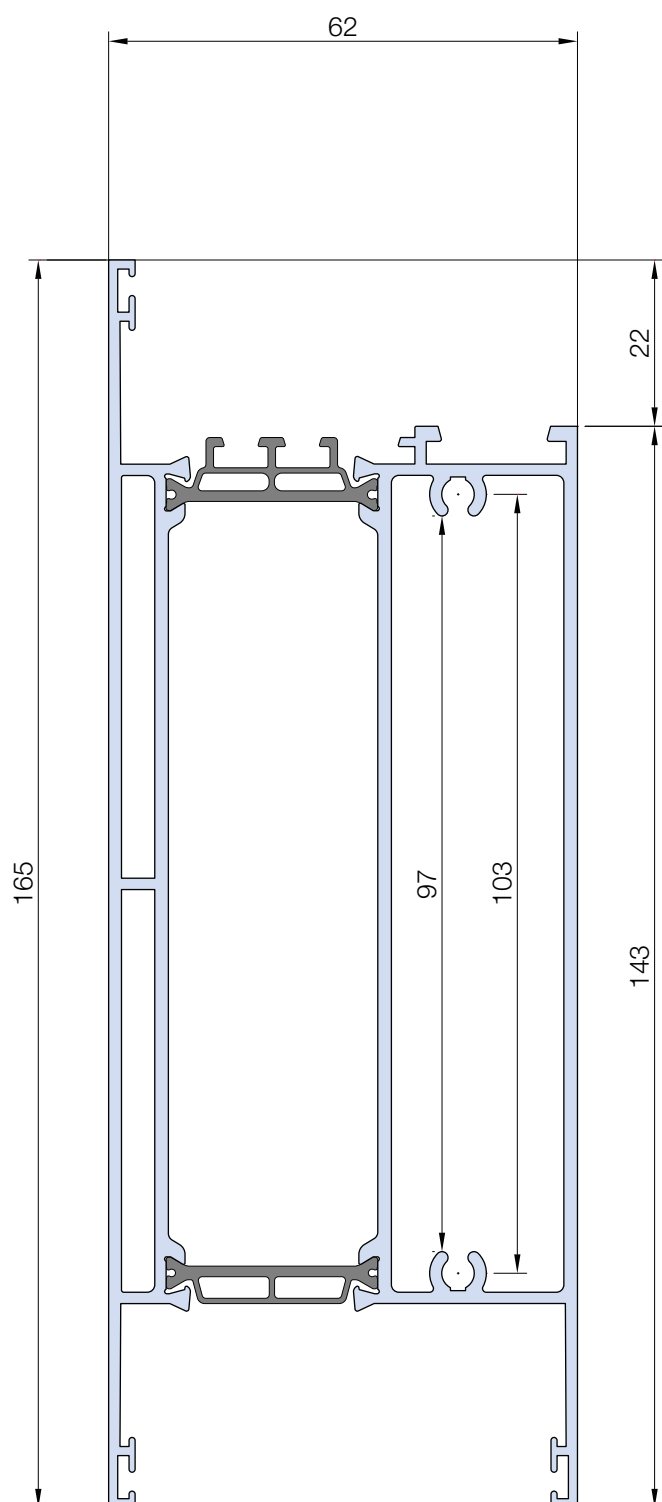
SAGOMARIO
Profile representation



TT 61840
 3259 g/m

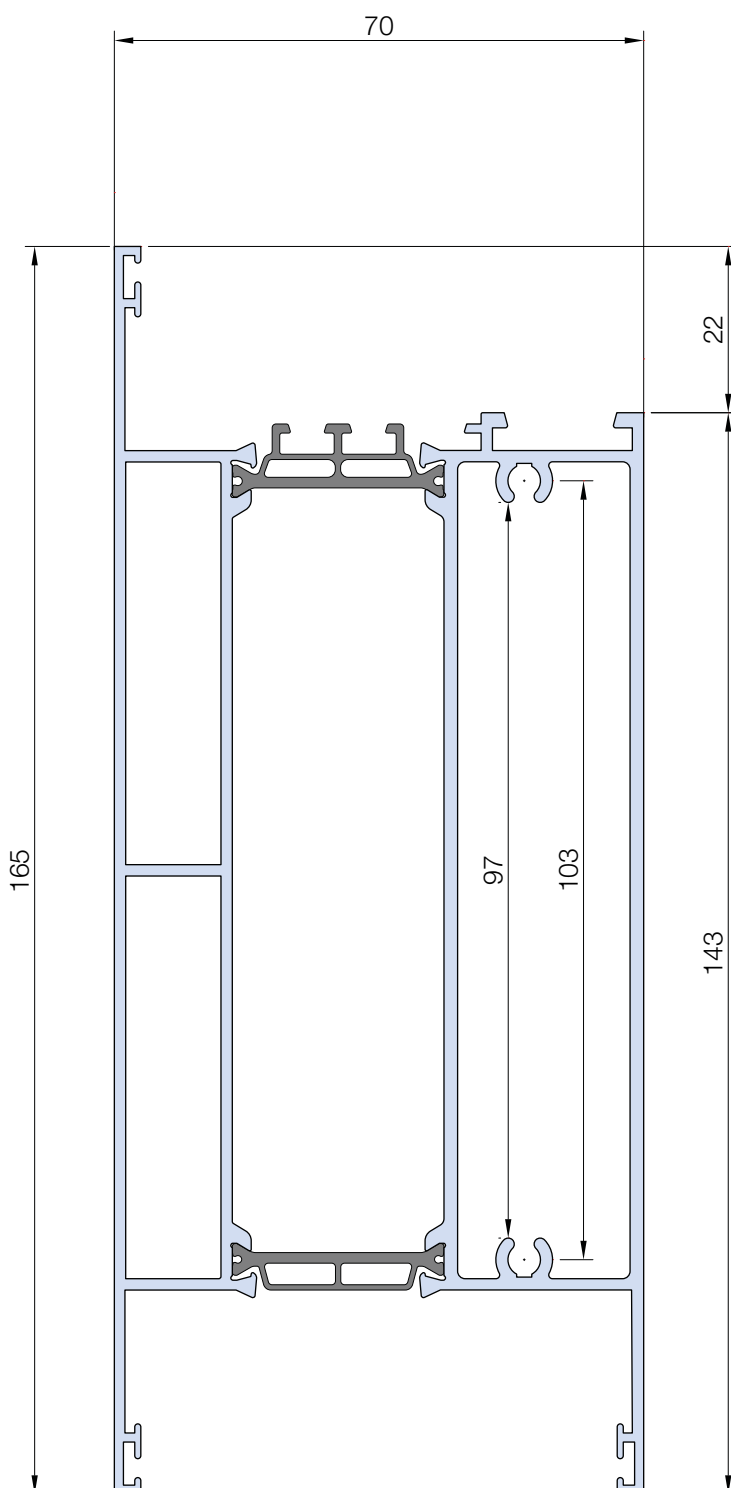


TT 61858
 3351 g/m



TT 61841

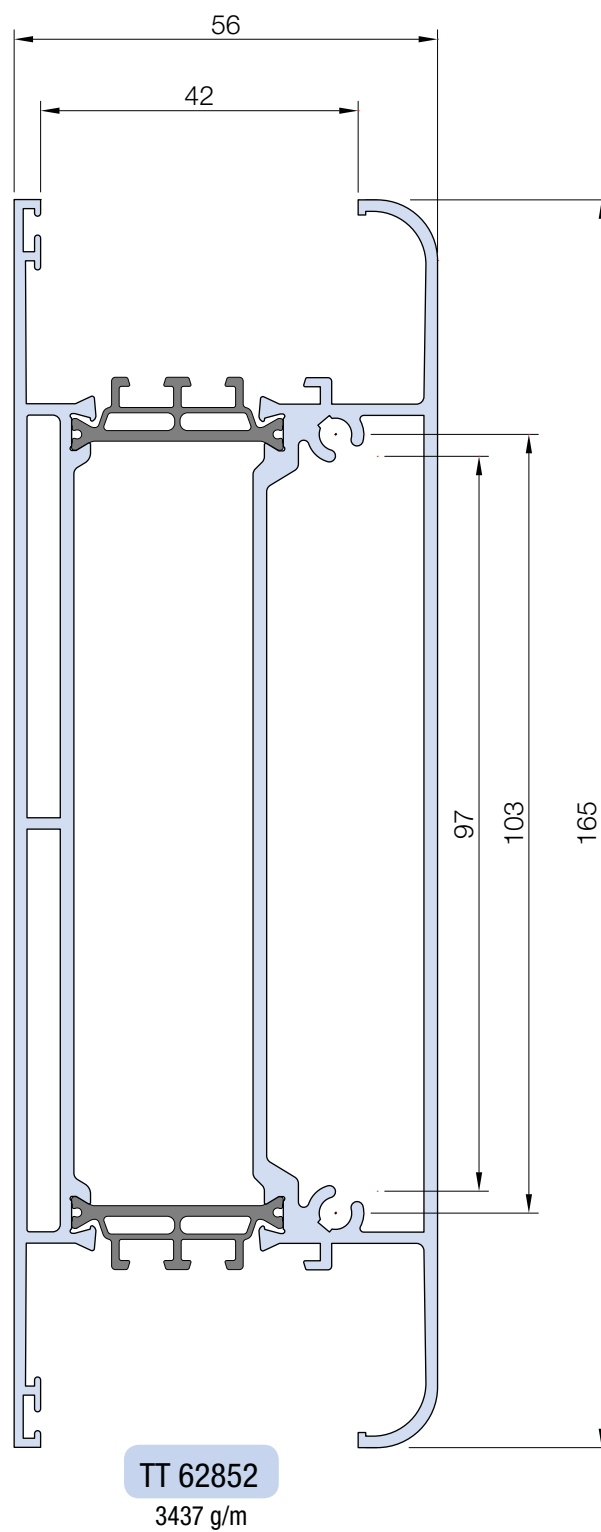
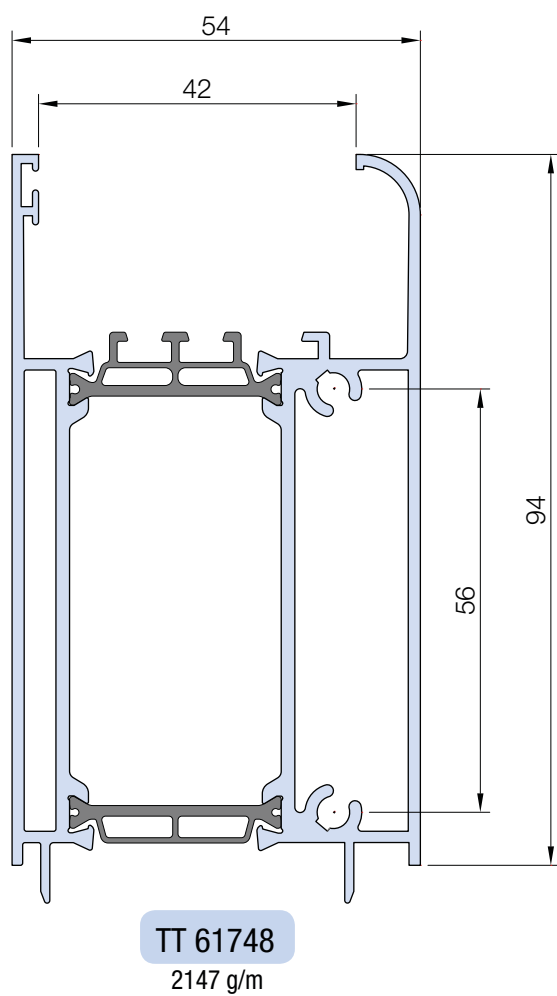
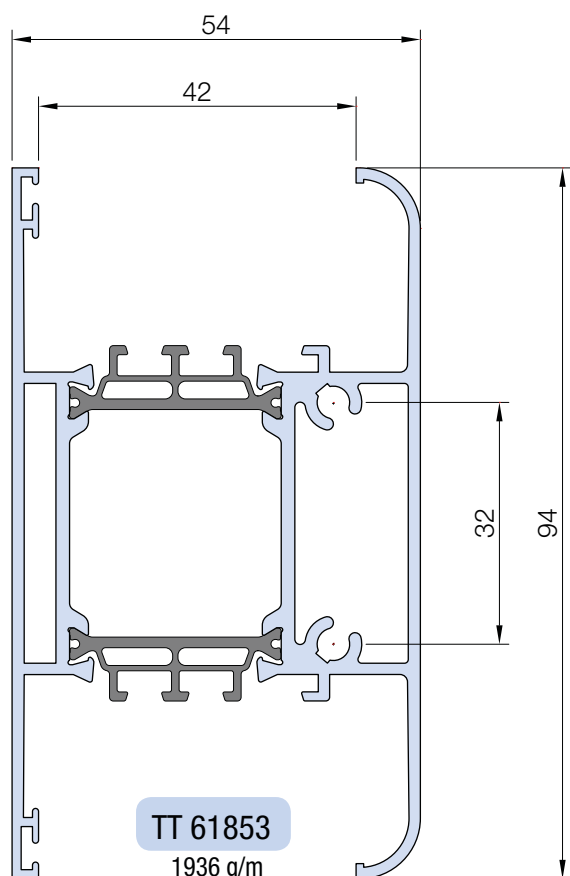
3249 g/m

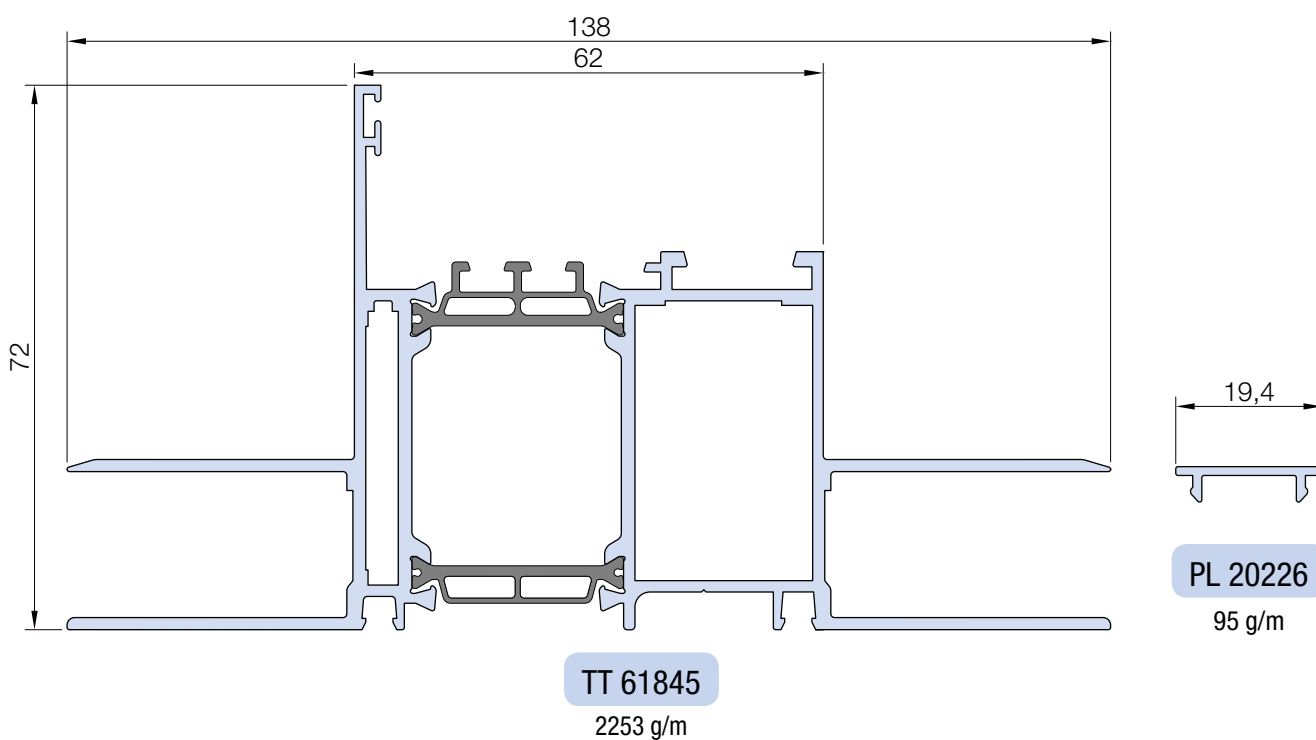
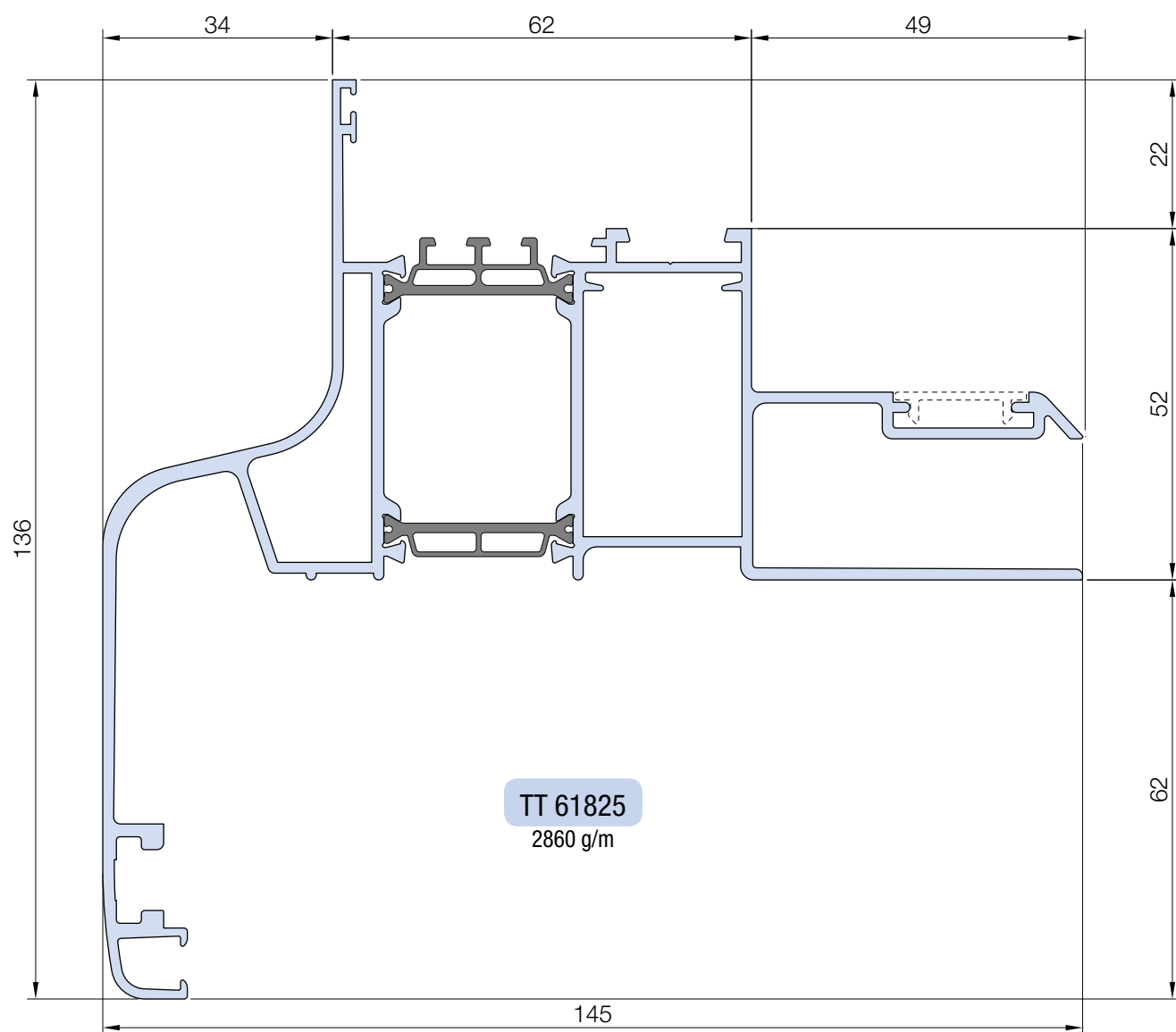


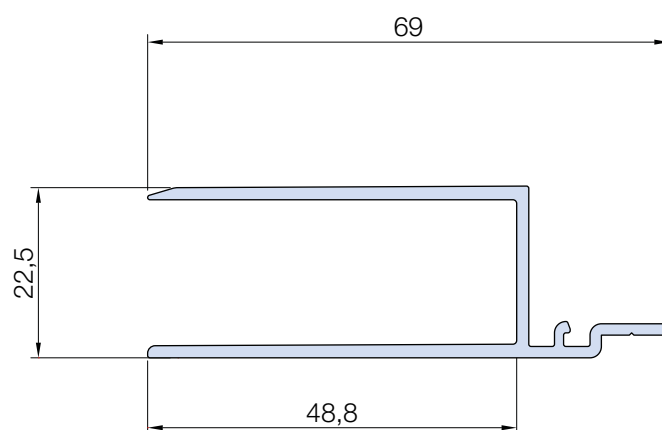
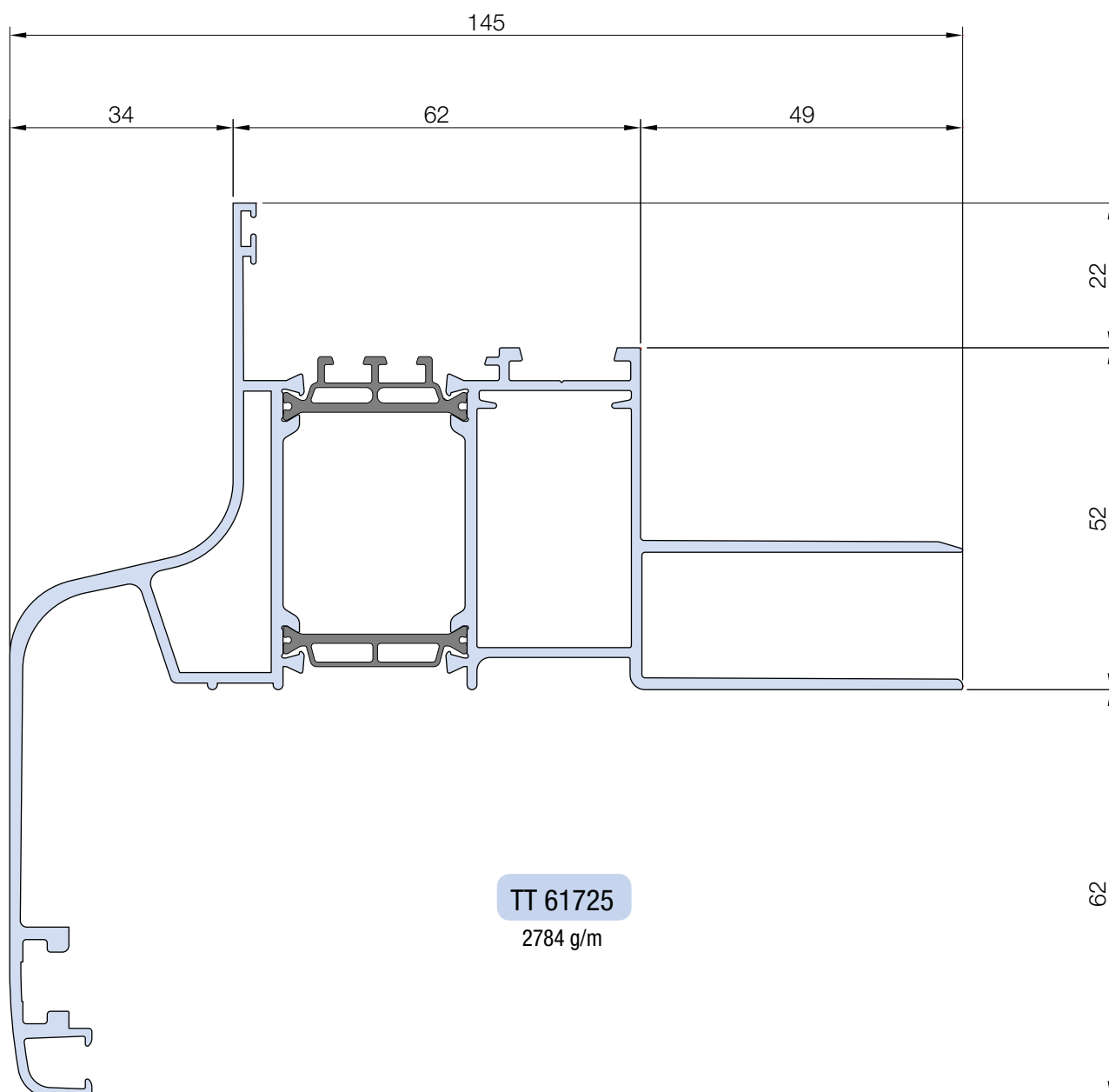
TT 61859

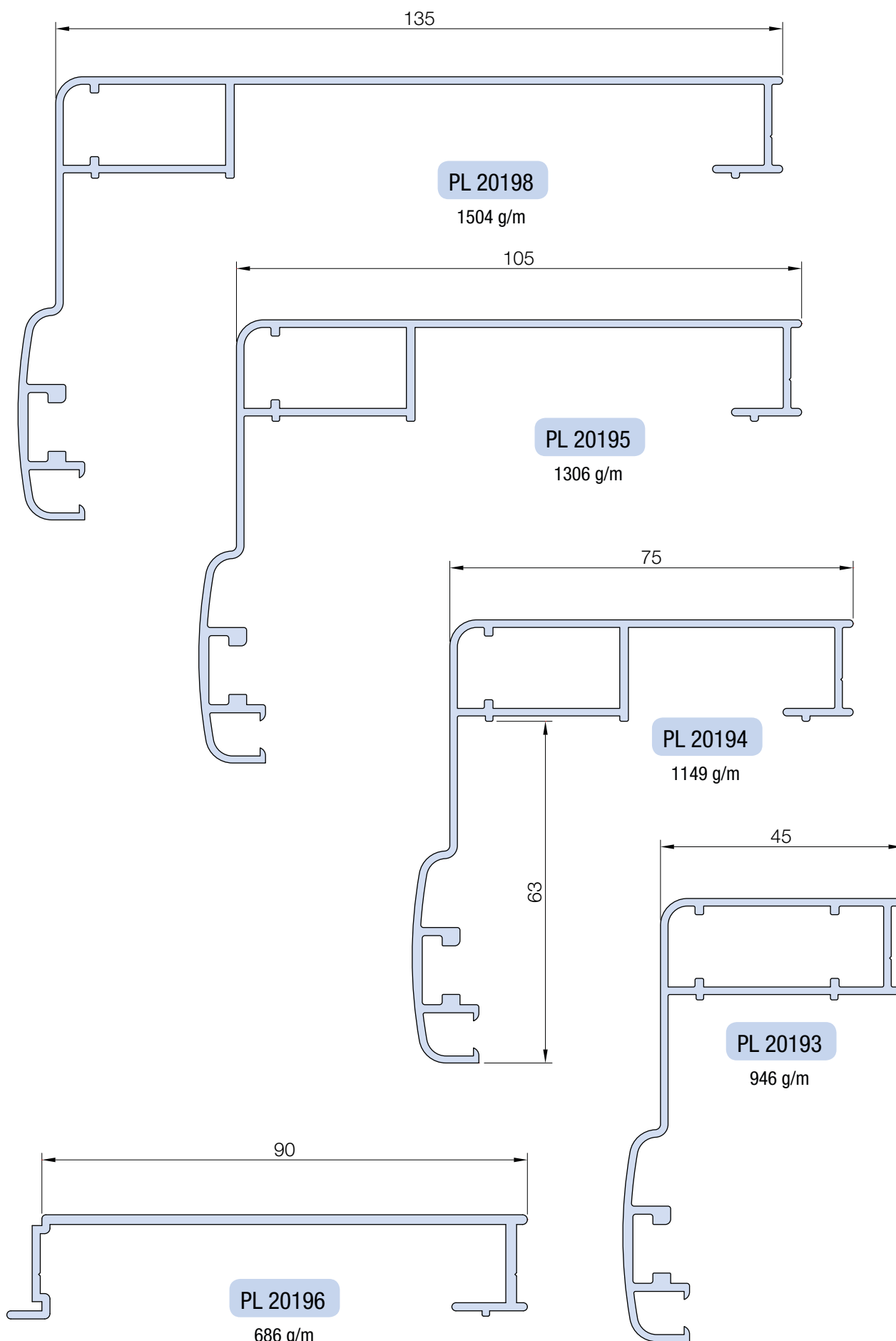
3342 g/m

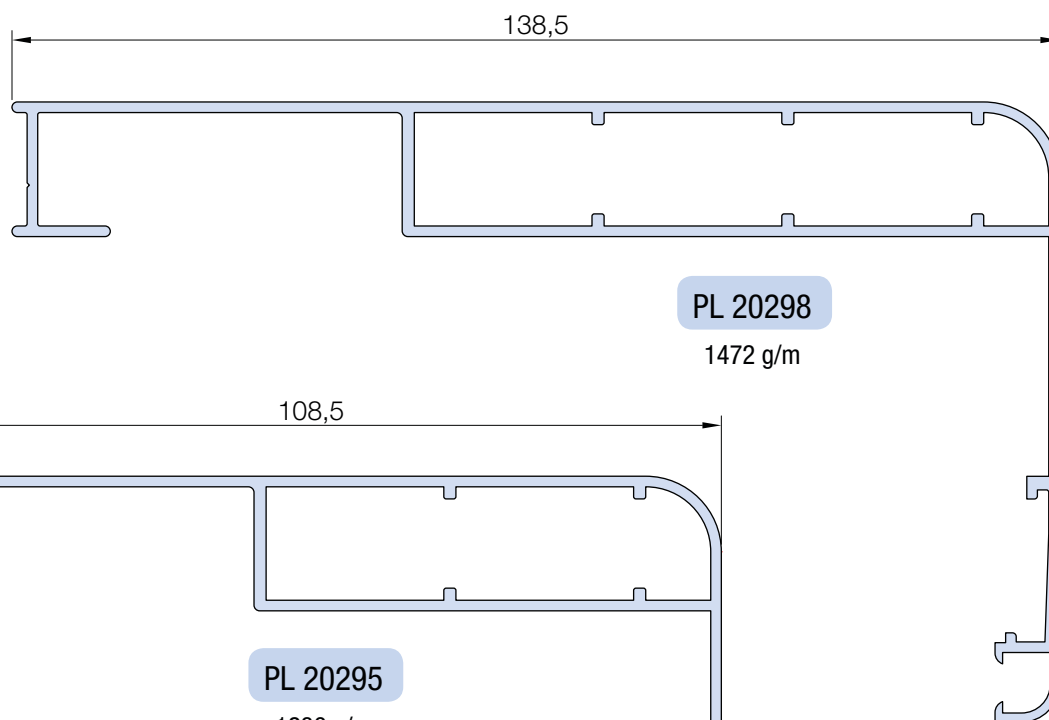
SAGOMARIO
Profile representation



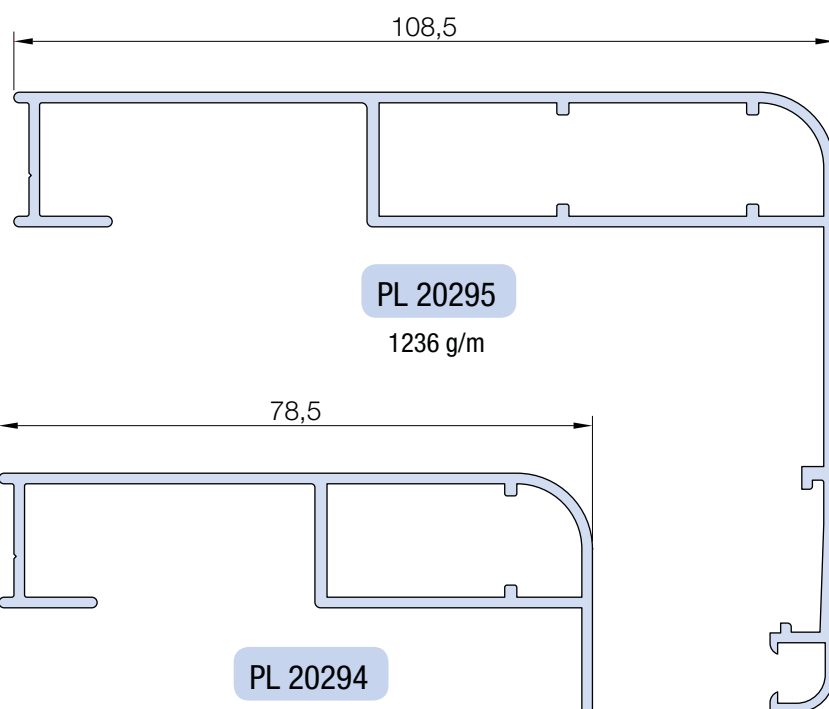




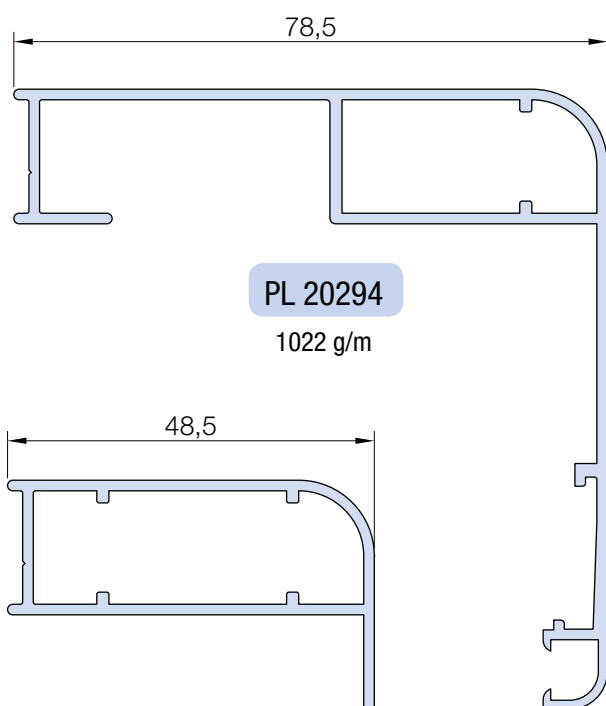


**PL 20298**

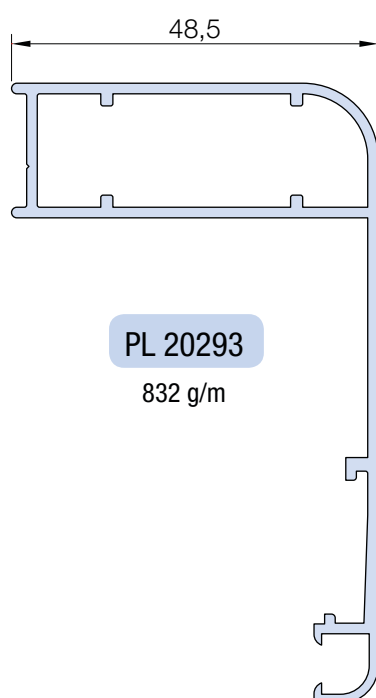
1472 g/m

**PL 20295**

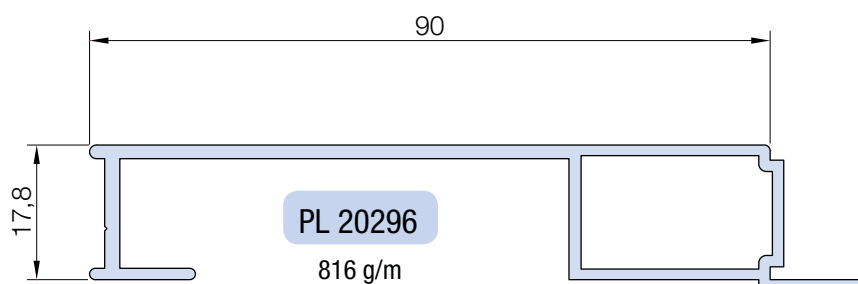
1236 g/m

**PL 20294**

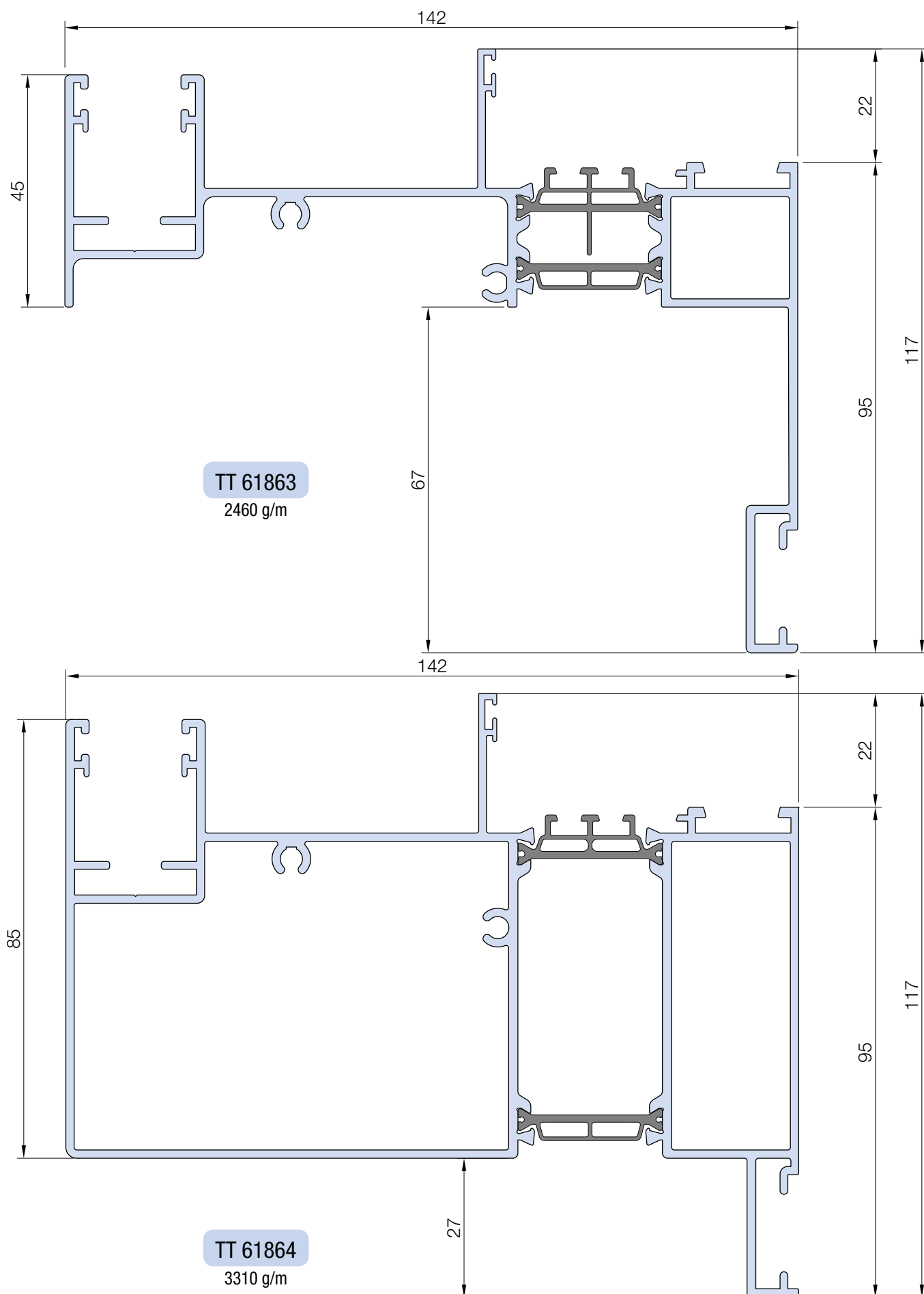
1022 g/m

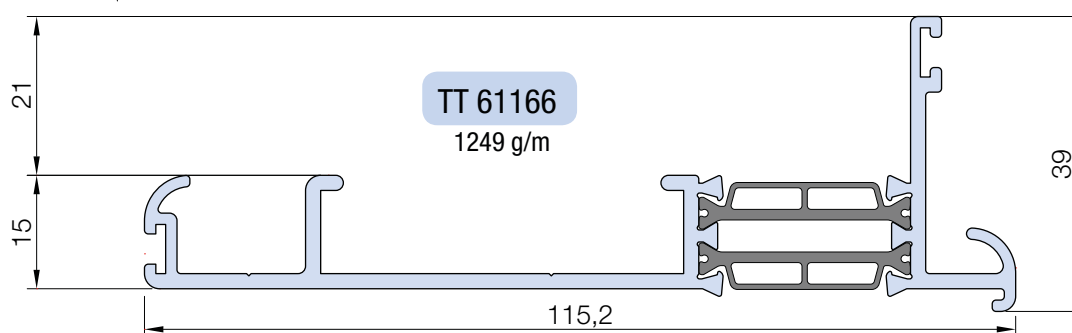
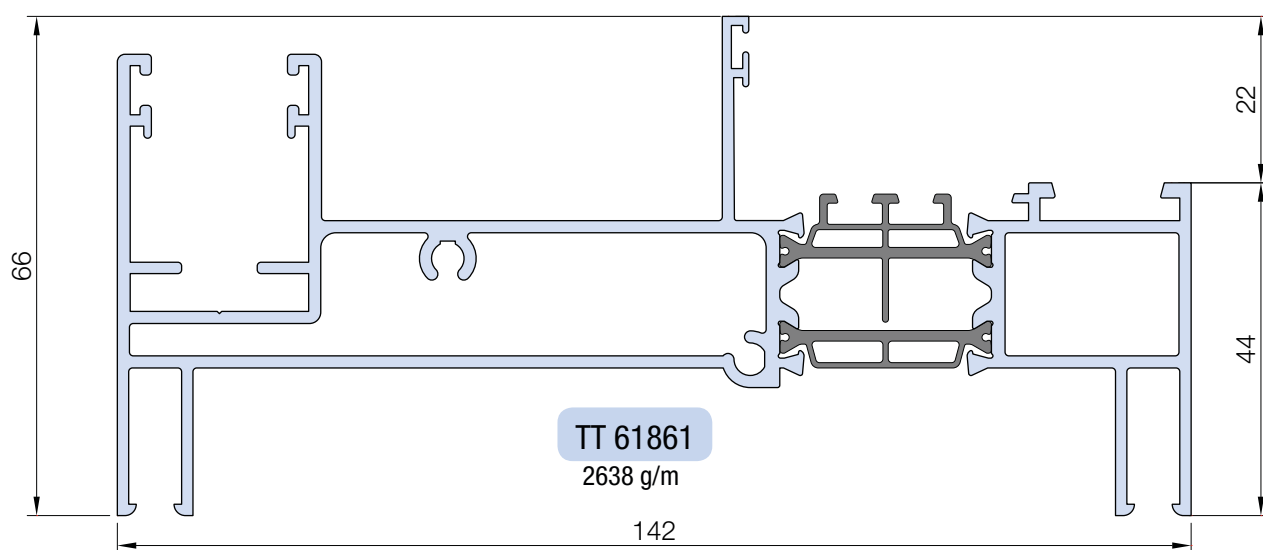
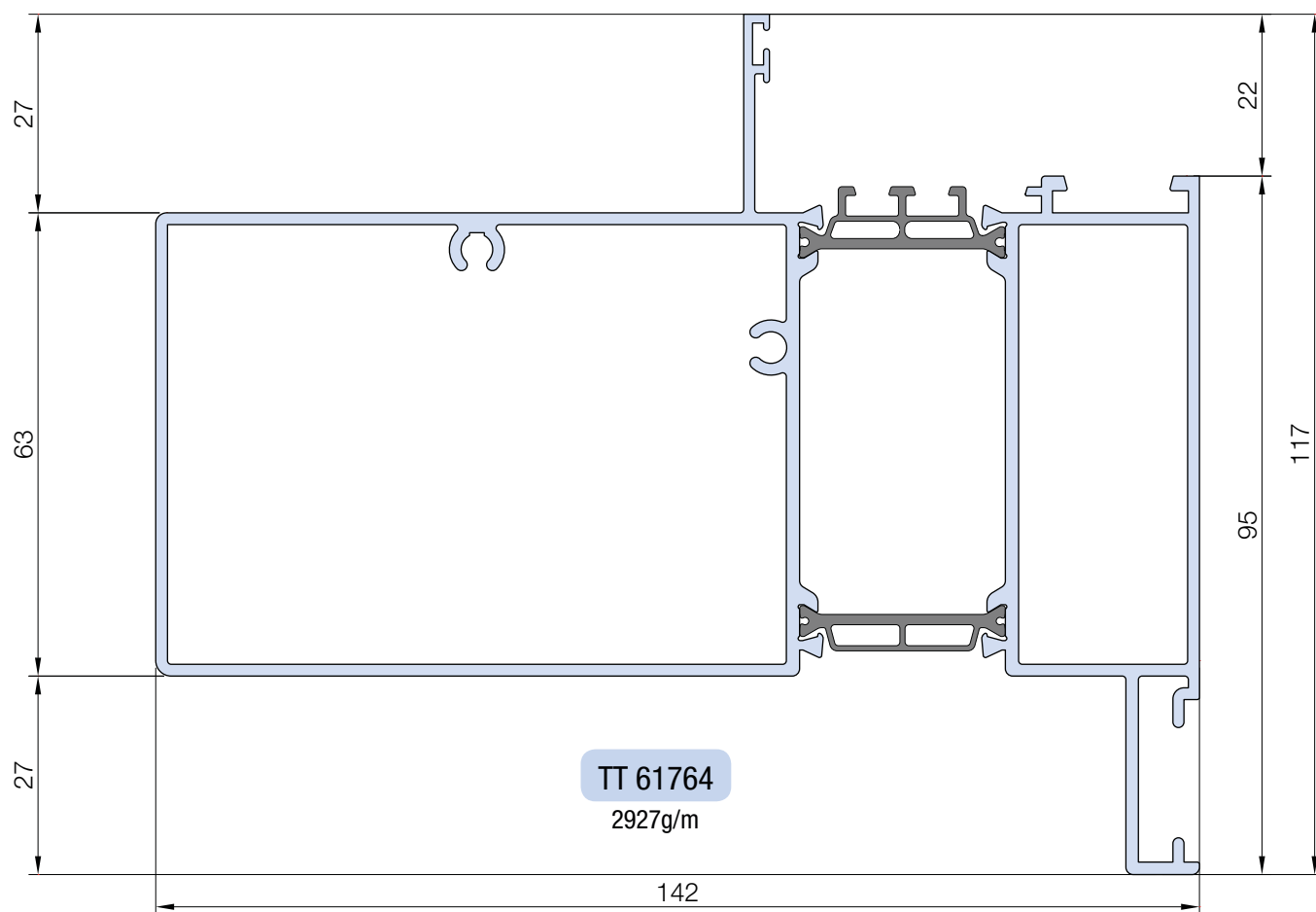
**PL 20293**

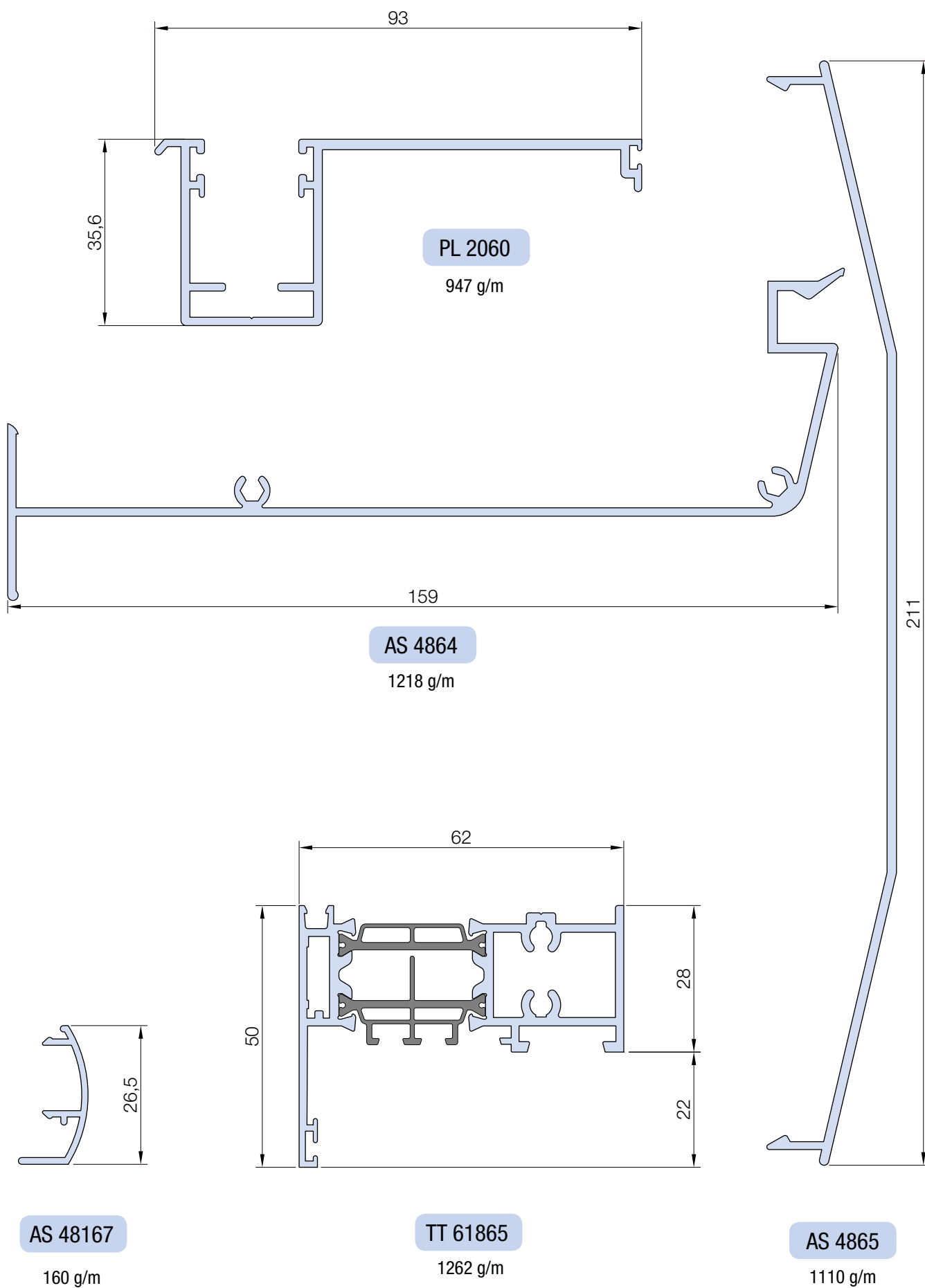
832 g/m

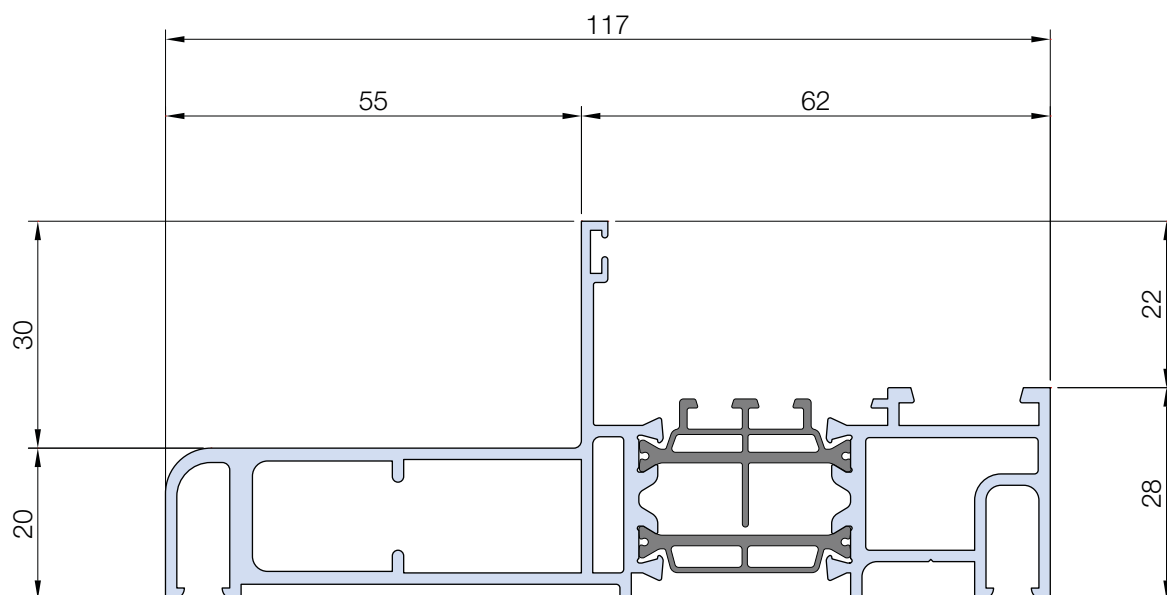
**PL 20296**

816 g/m

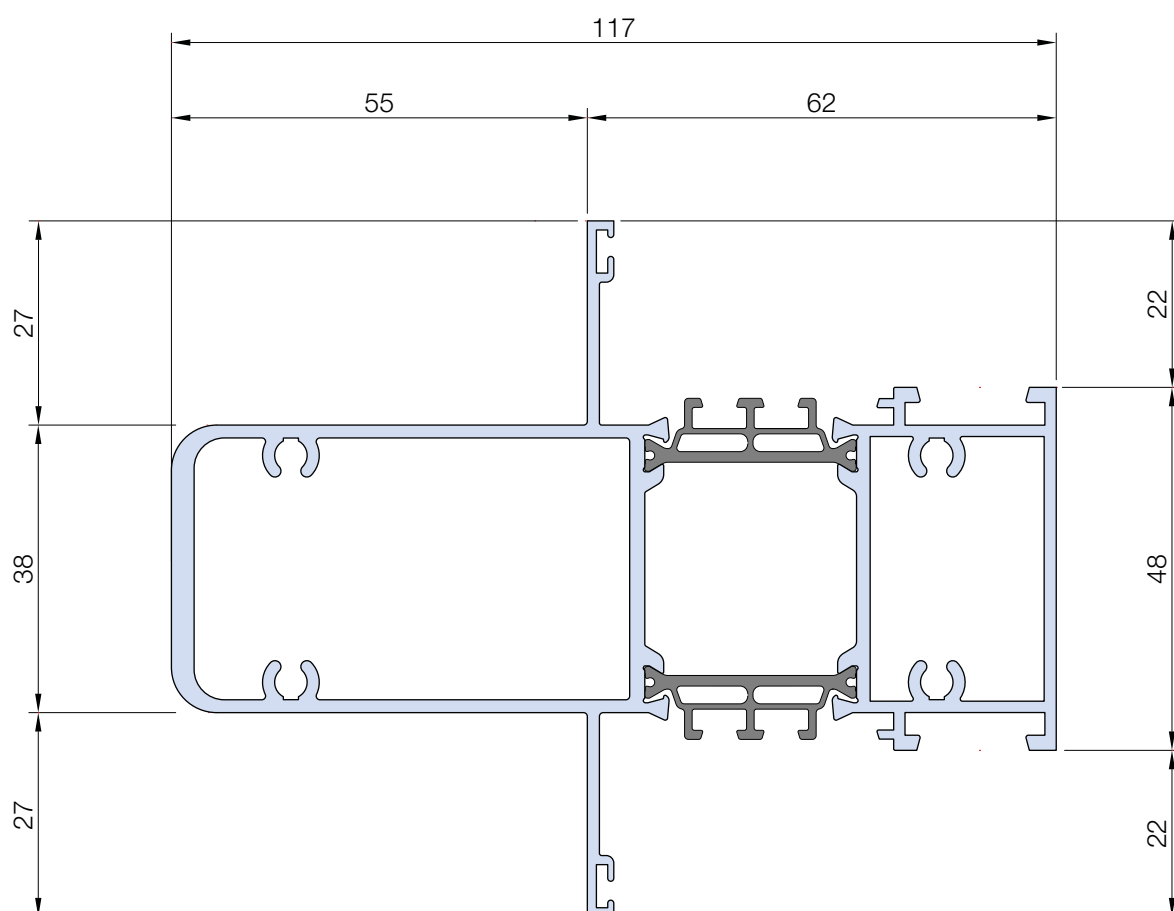




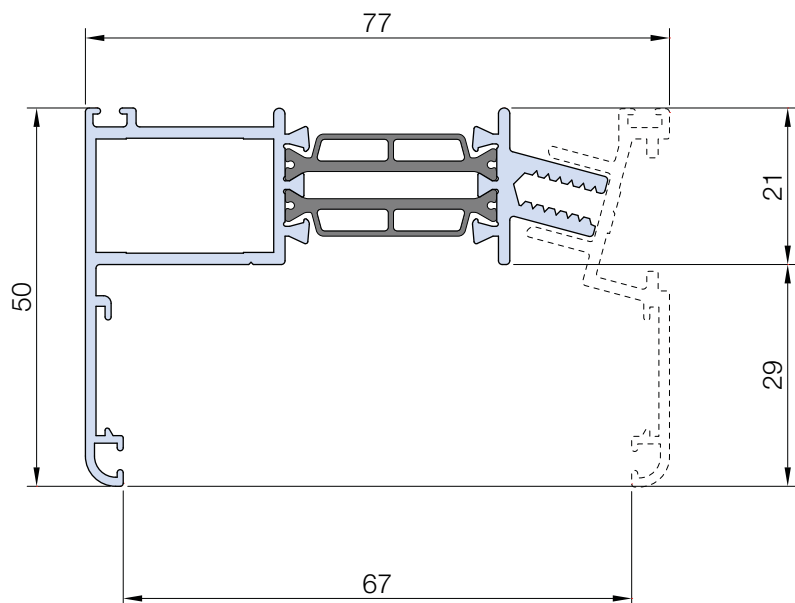



TT 61869

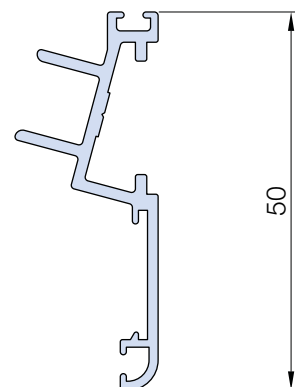
1912 g/m


TT 61868

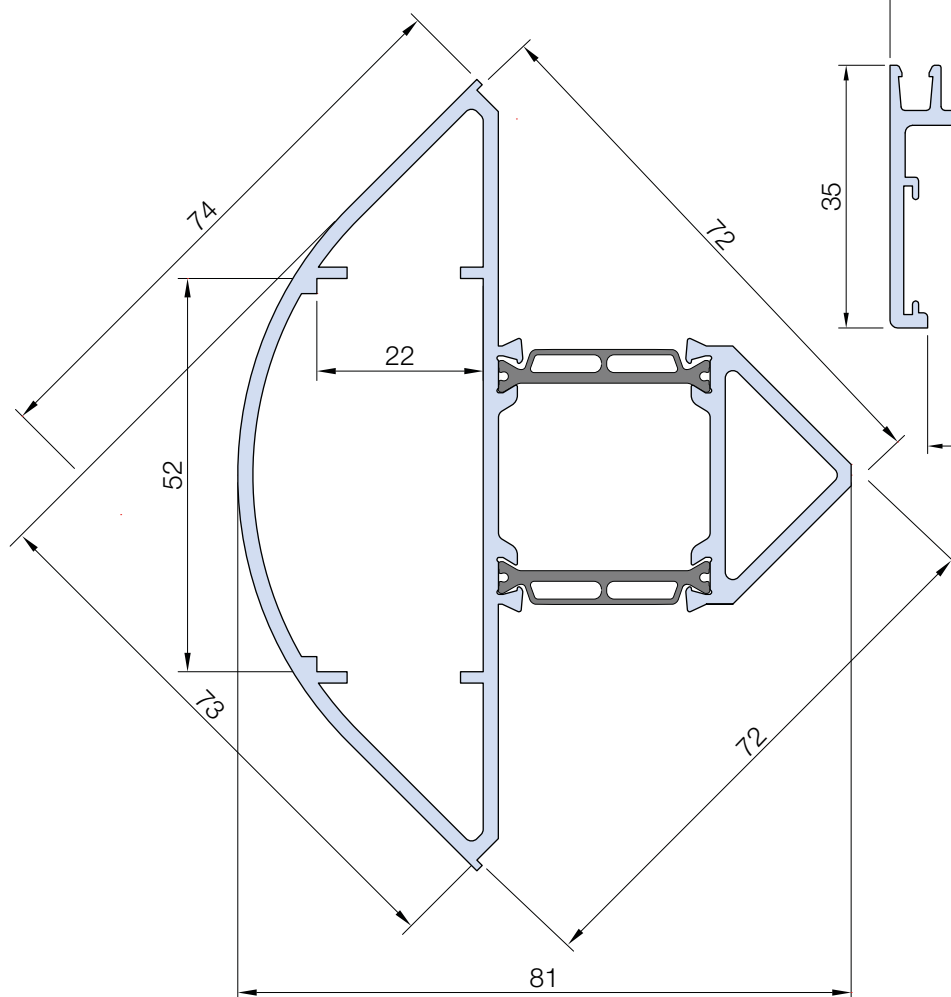
2508 g/m



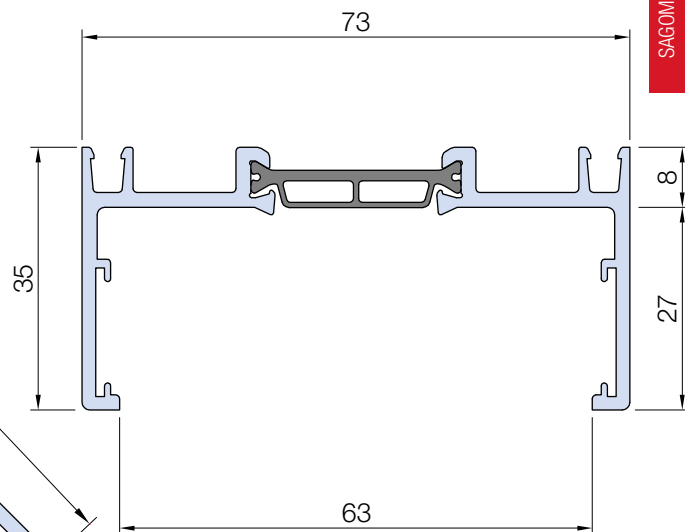
TT 6186
1018 g/m



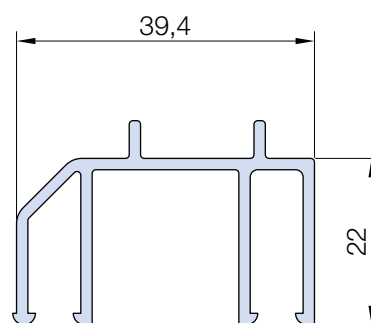
PL 2077
385 g/m



TT 61899
2076 g/m

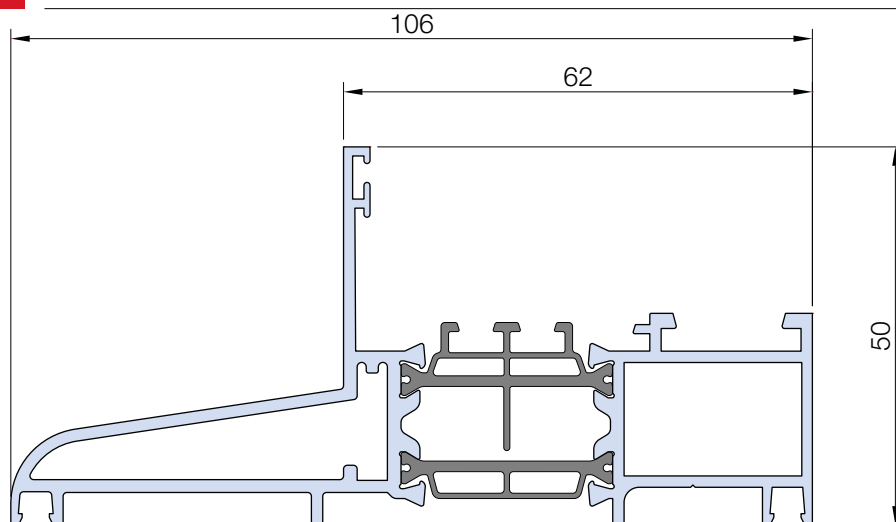


TT 61181
869 g/m



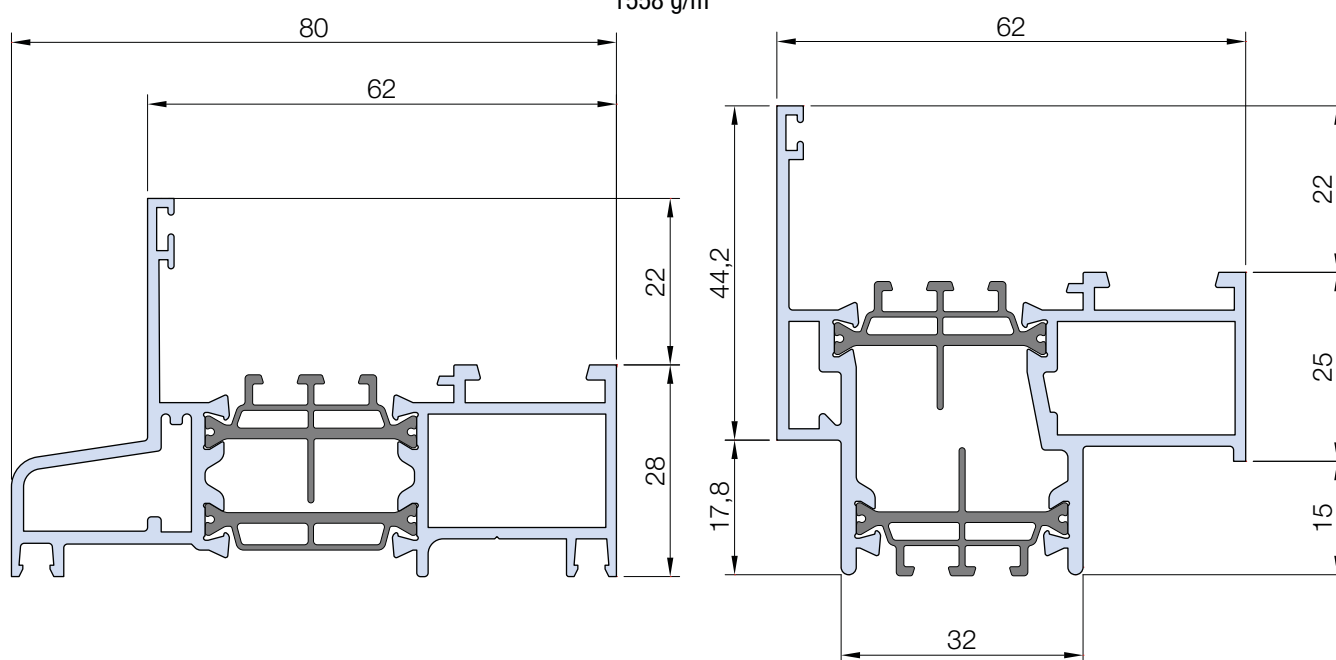
PL 2075
258 g/m

SAGOMARIO
Profile representation



TT 61830

1558 g/m

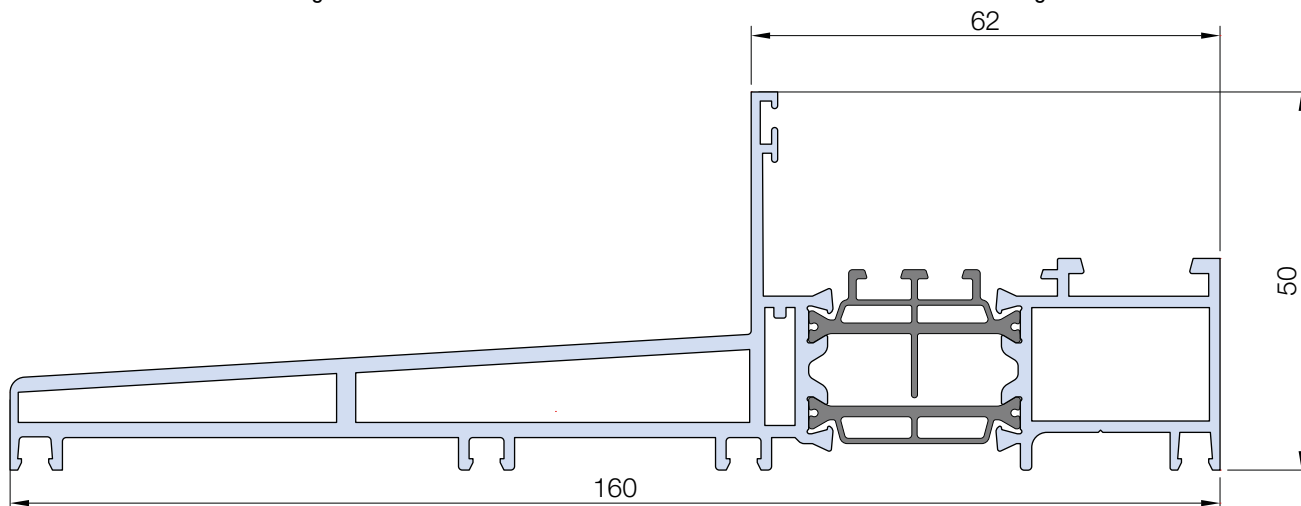


TT 61829

1333 g/m

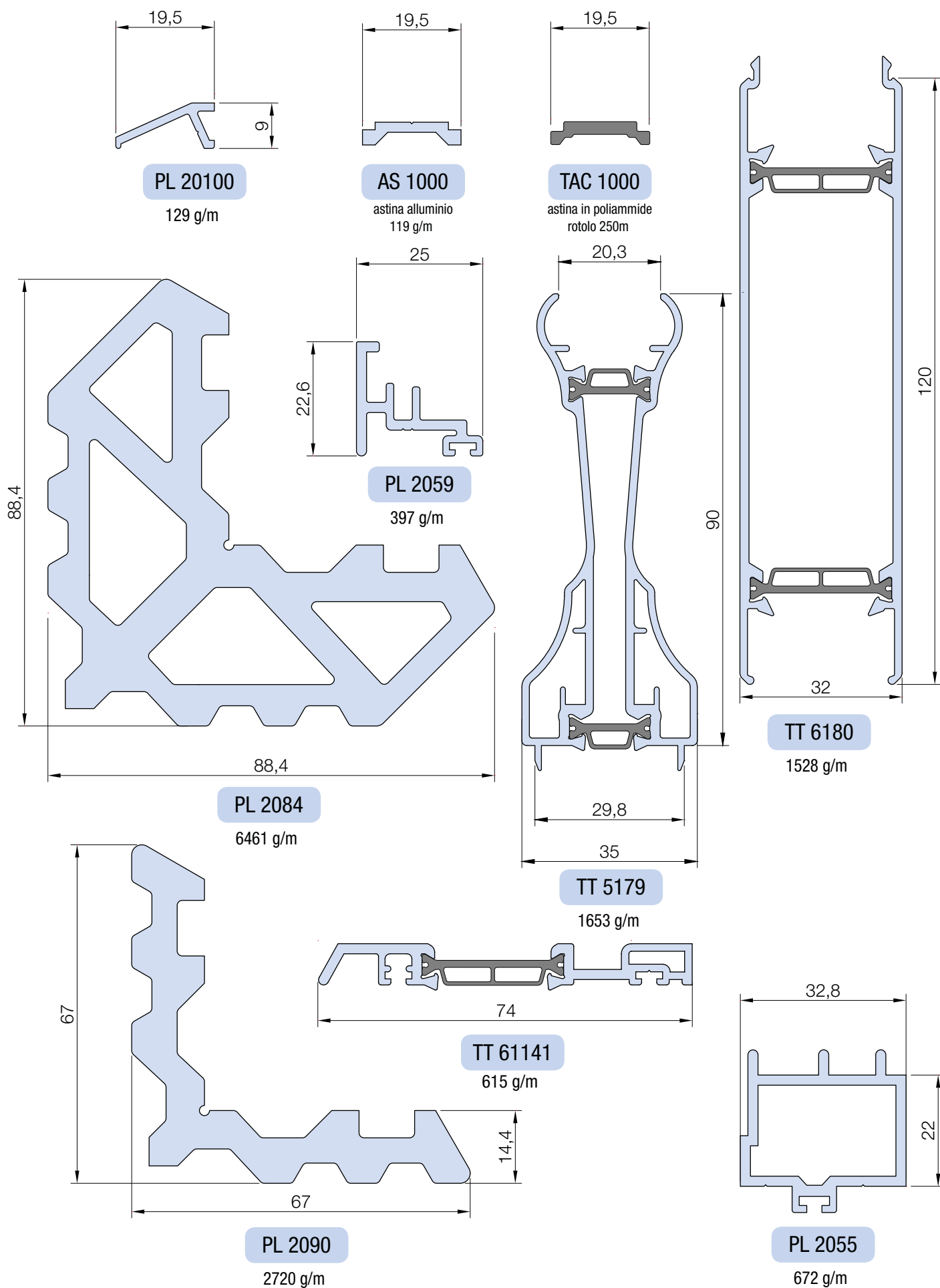
TT 61895

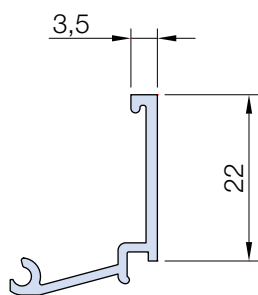
1347 g/m



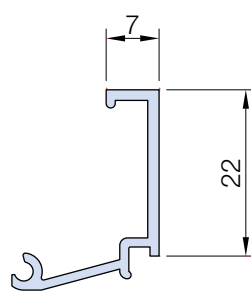
TT 61844

2362 g/m

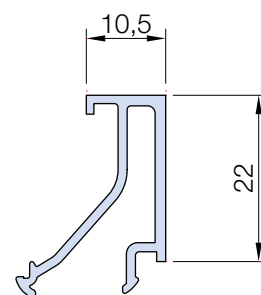


**PL 1404***

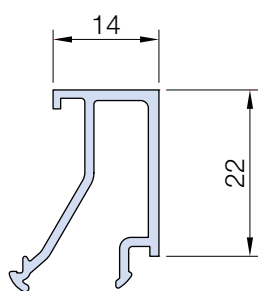
190 g/m

**PL 1407***

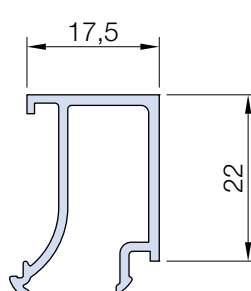
206 g/m

**PL 1411**

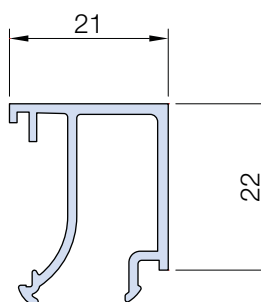
252 g/m

**PL 1414**

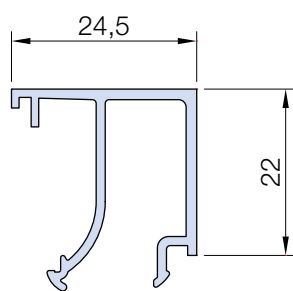
257 g/m

**PL 1418**

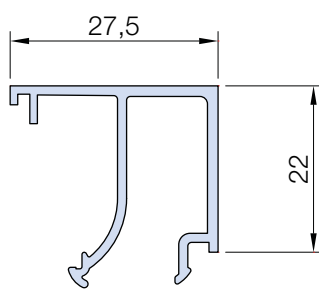
268 g/m

**PL 1421**

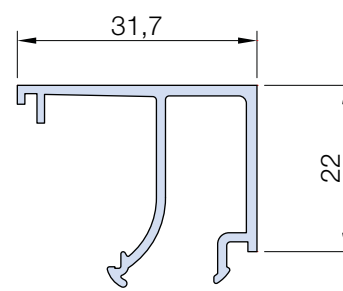
290 g/m

**PL 1425**

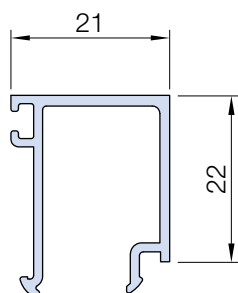
304 g/m

**PL 1428**

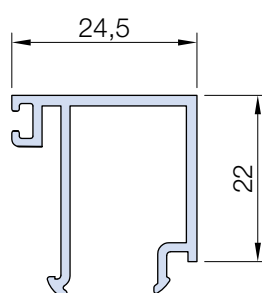
312 g/m

**PL 1432**

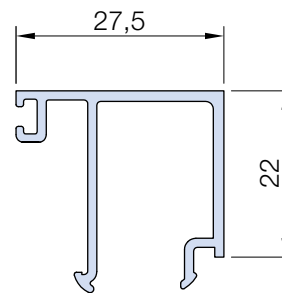
331 g/m

**PL 14121**

280 g/m

**PL 14125**

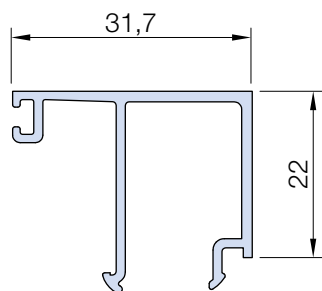
313 g/m

**PL 14128**

323 g/m

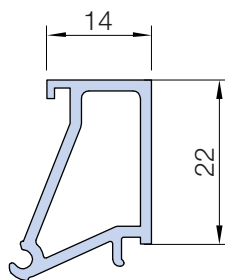
*Utilizzare sempre gommino ACP 5027

* Use ACP 5027 rubber strip always



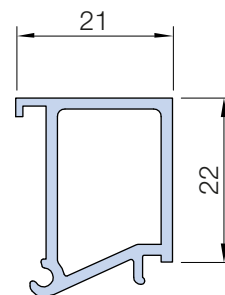
PL 14132

338 g/m



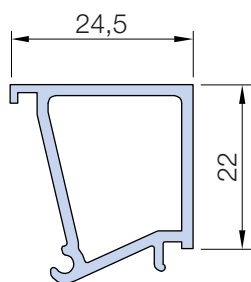
PL 14214*

329 g/m



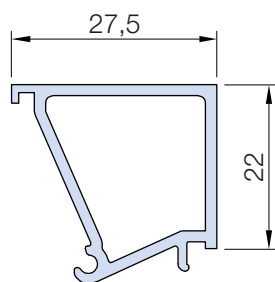
PL 14221*

353 g/m



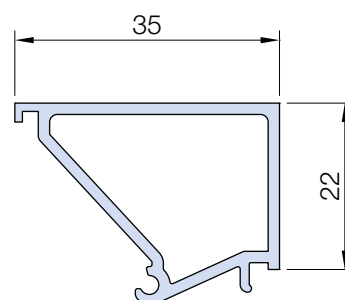
PL 14225*

370 g/m



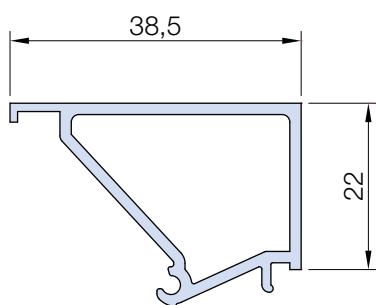
PL 14228*

389 g/m



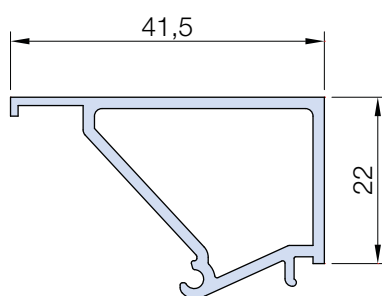
PL 1435*

434 g/m



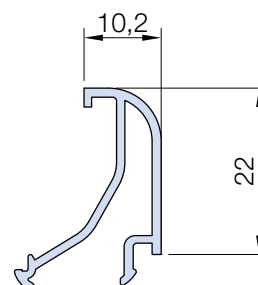
PL 1439*

445 g/m



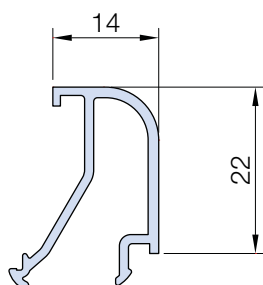
PL 1442*

454 g/m



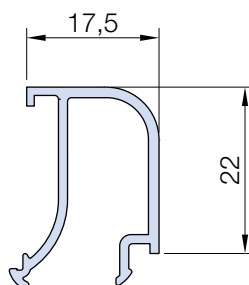
PL 1511

238 g/m



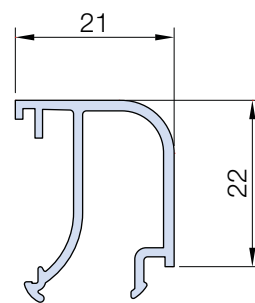
PL 1514

247 g/m



PL 1518

257 g/m

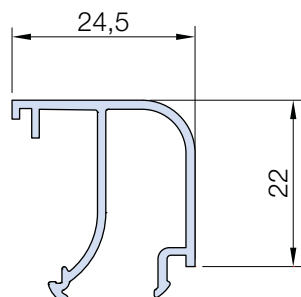


PL 1521

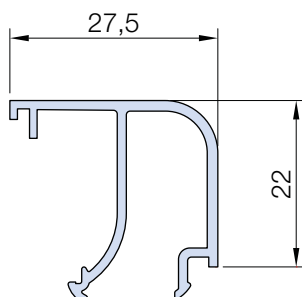
279 g/m

*Utilizzare sempre gommino ACP 5027

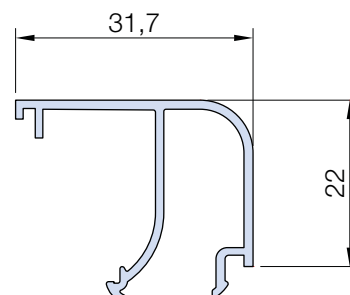
* Use ACP 5027 rubber strip always

**PL 1525**

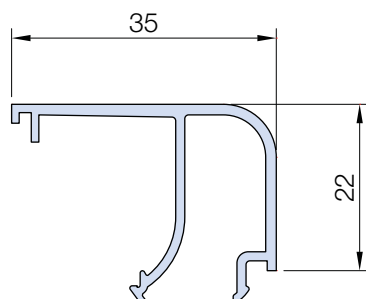
290 g/m

**PL 1528**

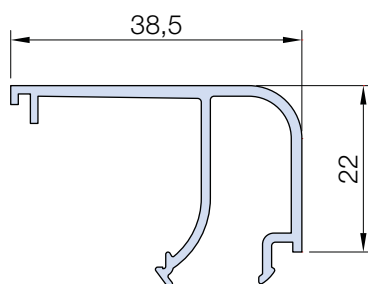
301 g/m

**PL 1532**

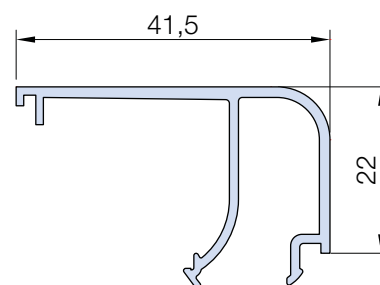
317 g/m

**PL 1535**

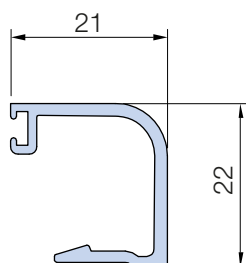
337 g/m

**PL 1539**

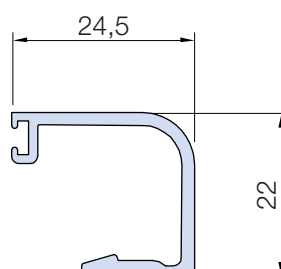
352 g/m

**PL 1542**

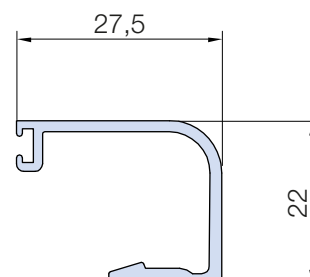
365 g/m

**PL 15221***

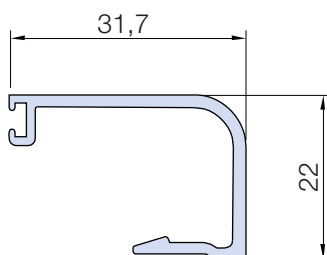
259 g/m

**PL 15225***

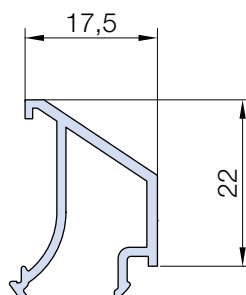
0,275 g/m

**PL 15228***

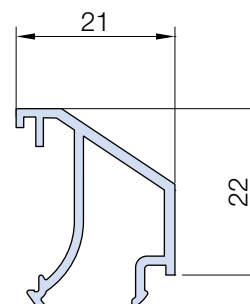
272 g/m

**PL 15232***

305 g/m

**PL 1818**

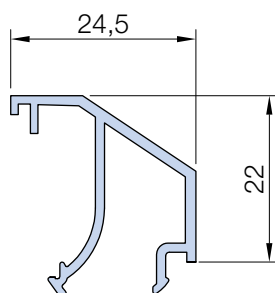
236 g/m

**PL 1821**

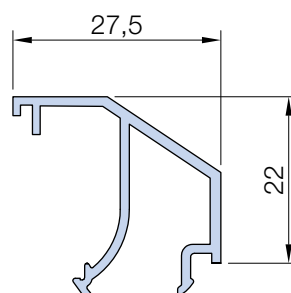
258 g/m

*Utilizzare sempre clip ACP 50122

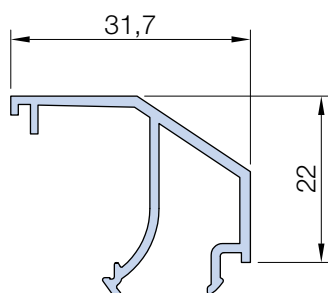
*Use ACP 50122 rubber strip always



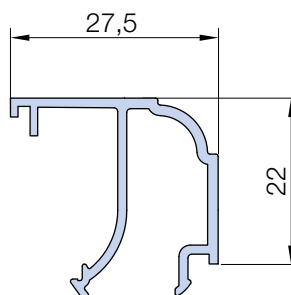
PL 1825
270 g/m



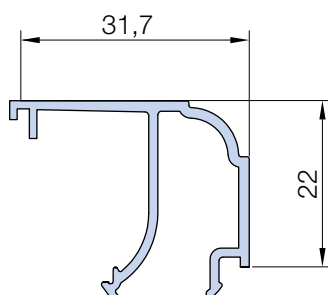
PL 1828
279 g/m



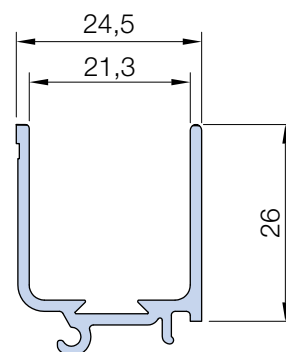
PL 1832
296 g/m



PL 1928
298 g/m



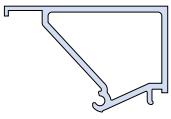
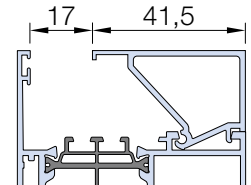
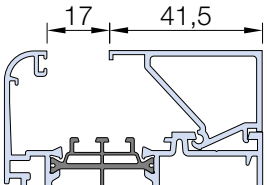
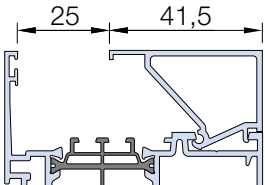
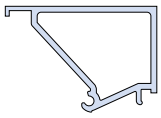
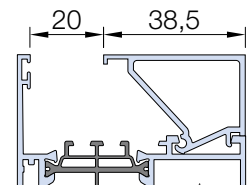
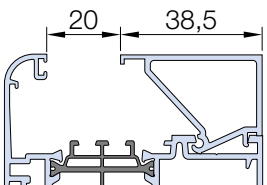
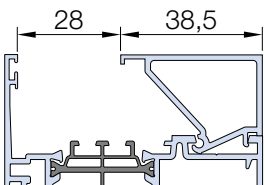
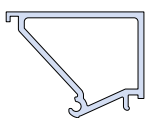
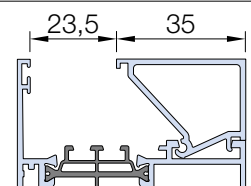
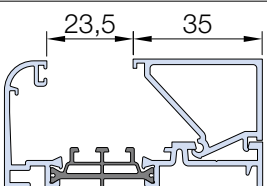
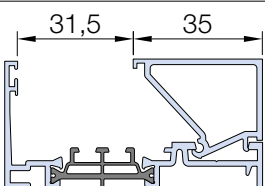
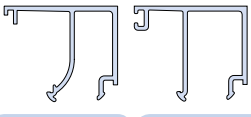
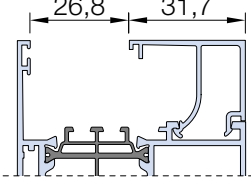
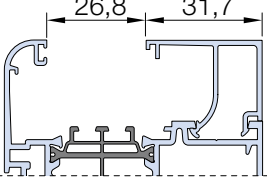
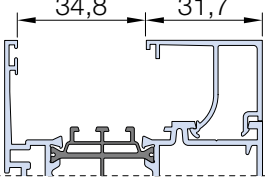
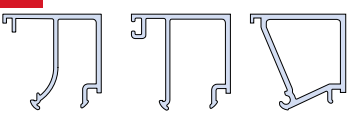
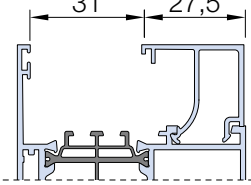
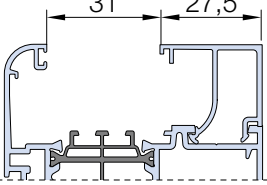
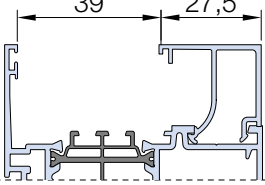
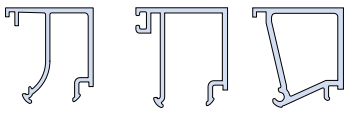
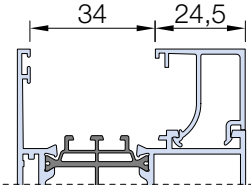
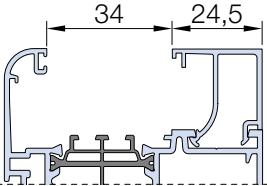
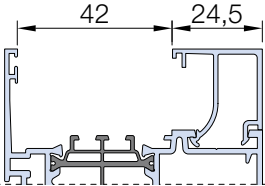
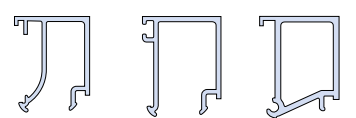
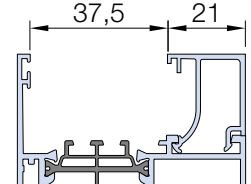
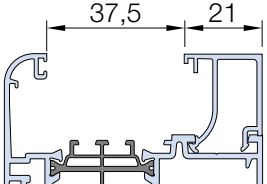
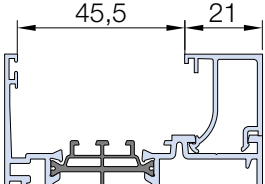
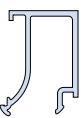
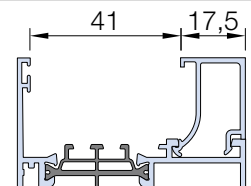
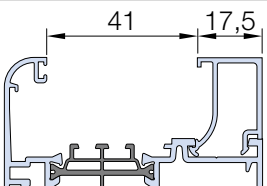
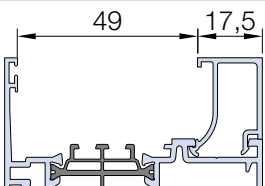
PL 1932
317 g/m

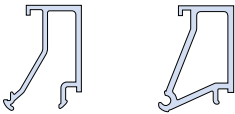
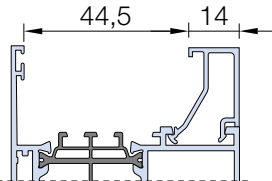
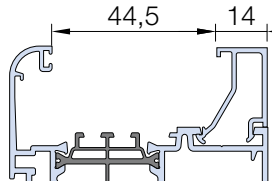
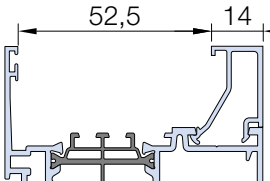
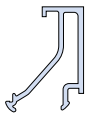
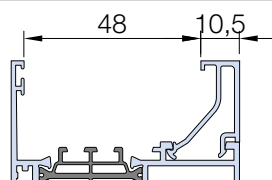
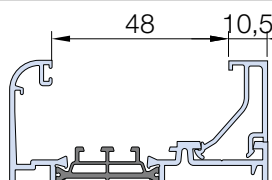
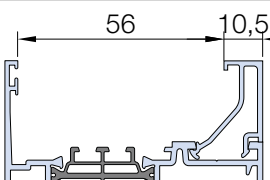
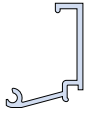
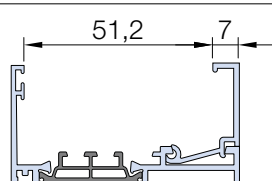
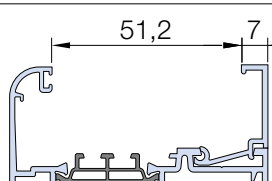
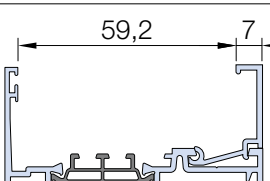
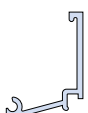
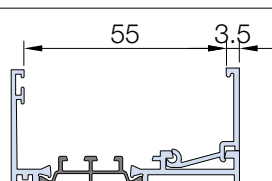
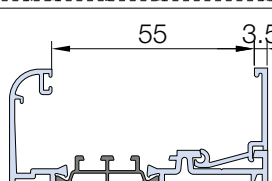
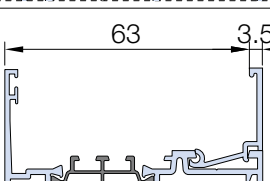
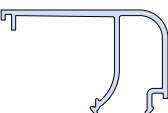
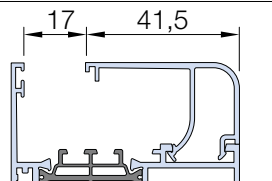
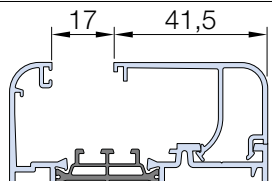
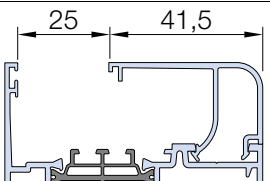
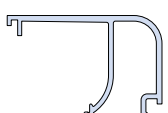
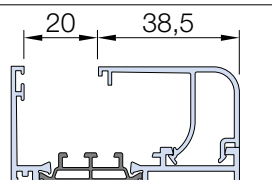
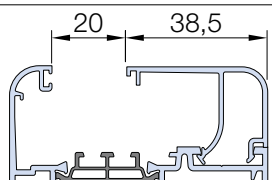
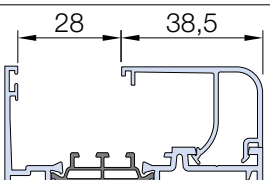
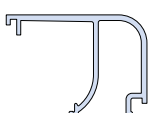
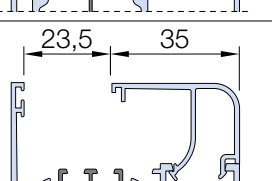
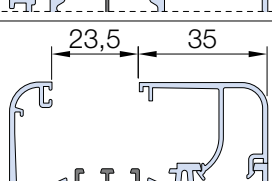
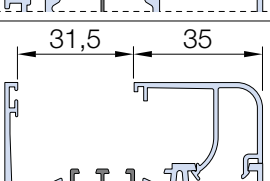
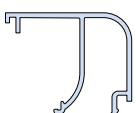
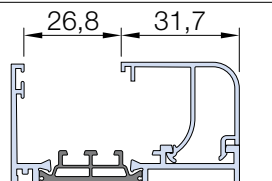
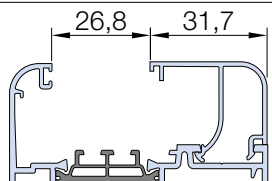
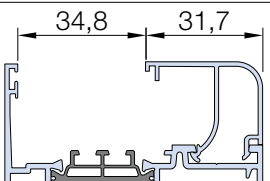


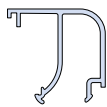
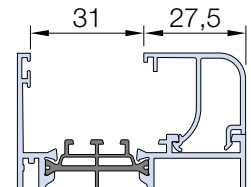
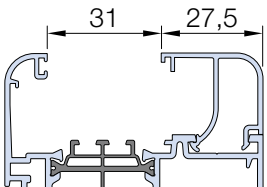
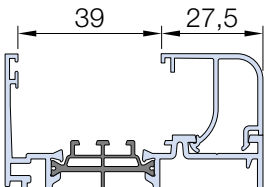
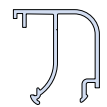
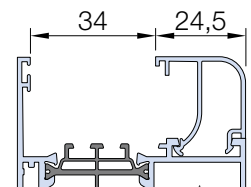
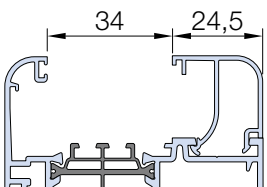
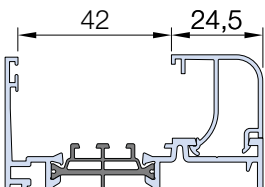
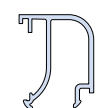
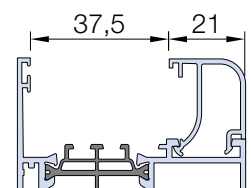
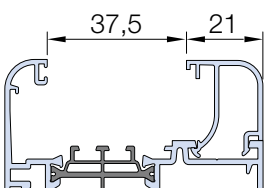
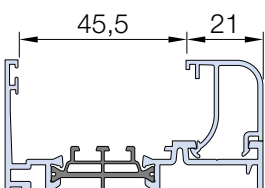
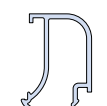
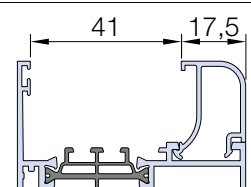
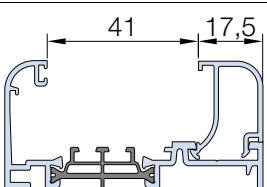
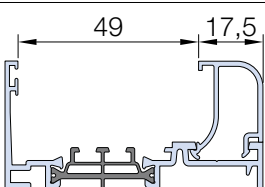
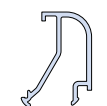
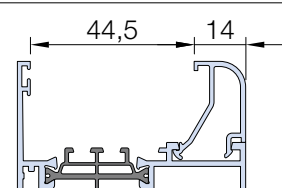
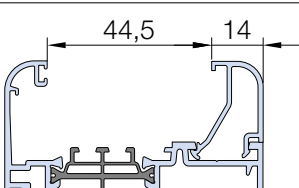
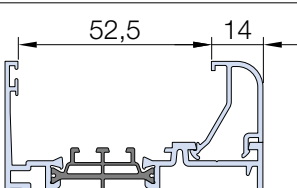
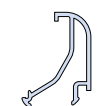
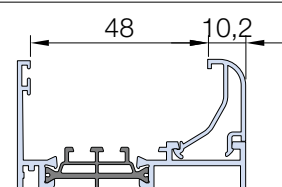
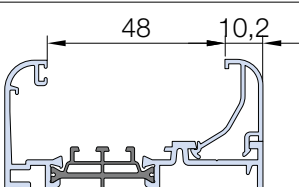
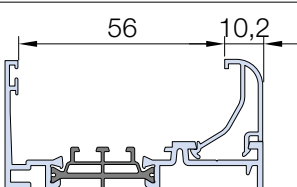
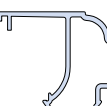
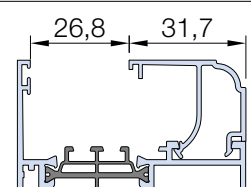
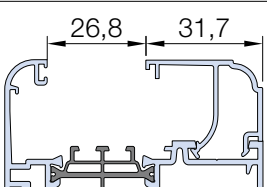
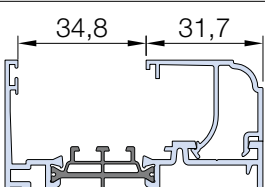
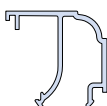
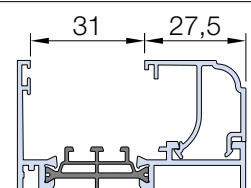
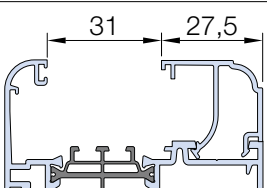
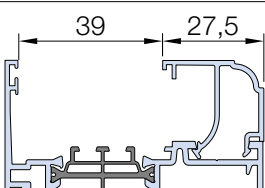
PL 1325*
348 g/m

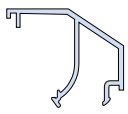
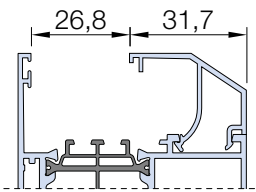
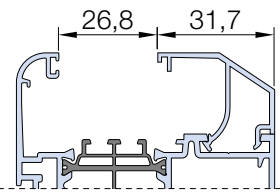
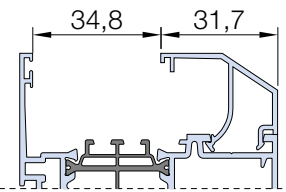
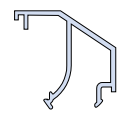
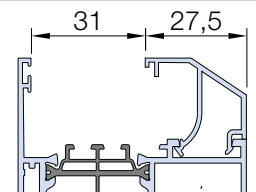
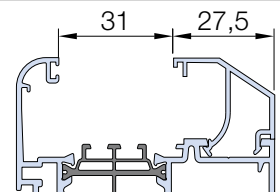
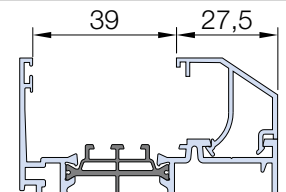
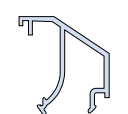
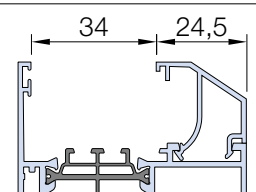
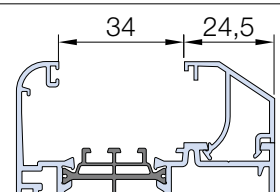
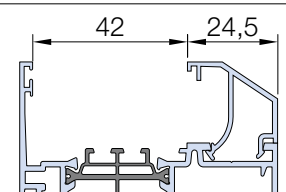
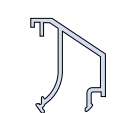
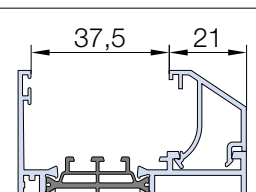
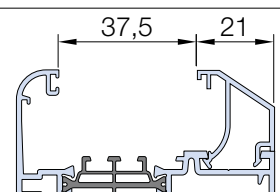
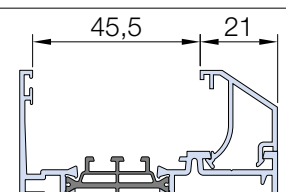
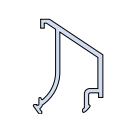
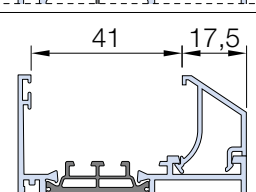
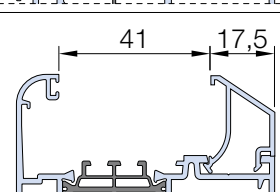
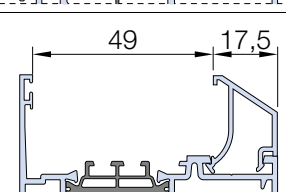
***Utilizzare sempre gommino ACP 5027**

**Use ACP 5027 rubber strip always*

Fermavetro	Telaio TT 61802	Anta TT 61812	Anta TT 61811
 PL 1442	 17 41,5	 17 41,5	 25 41,5
 PL 1439	 20 38,5	 20 38,5	 28 38,5
 PL 1435	 23,5 35	 23,5 35	 31,5 35
 PL 1432 PL 14132	 26,8 31,7	 26,8 31,7	 34,8 31,7
 PL 1428 PL 14128 PL 14228	 31 27,5	 31 27,5	 39 27,5
 PL 1425 PL 14125 PL 14225	 34 24,5	 34 24,5	 42 24,5
 PL 1421 PL 14121 PL 14221	 37,5 21	 37,5 21	 45,5 21
 PL 1418	 41 17,5	 41 17,5	 49 17,5

Fermavetro	Telaio TT 61802	Anta TT 61812	Anta TT 61811
 PL 1414 PL 14214			
 PL 1411			
 PL 1407			
 PL 1404			
 PL 1542			
 PL 1539			
 PL 1535			
 PL 1532			

Fermavetro	Telaio TT 61802	Anta TT 61812	Anta TT 61811
 PL 1528			
 PL 1525			
 PL 1521			
 PL 1518			
 PL 1514			
 PL 1511			
 PL 1932			
 PL 1928			

Fermavetro	Telaio TT 61802	Anta TT 61812	Anta TT 61811
 PL 1832	 26,8 31,7	 26,8 31,7	 34,8 31,7
 PL 1828	 31 27,5	 31 27,5	 39 27,5
 PL 1825	 34 24,5	 34 24,5	 42 24,5
 PL 1821	 37,5 21	 37,5 21	 45,5 21
 PL 1818	 41 17,5	 41 17,5	 49 17,5

AC 2001	Vite tribolata per ACP 50420 <i>Tri-lobate screw for ACP 50420</i>
AC 2099	Tappino chiudiforo Ø11,5mm <i>Hole-closing cap Ø11,5mm</i>
ACP 5001	Vite Ø8mm per squadrette multifunzione ACP 7002 <i>Screw Ø8mm for multi-function corner cleat ACP 7002</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>Hinge for flat frames DX</i>
ACP 5005S	Cerniera premontata sinistra, per telai piani <i>Hinge for flat frames SX</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 <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 <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 <i>Awning/hopper window quick fitting finger catch</i>
ACP 5019	Riscontro 3a chiusura <i>Keeper for 3rd locking piece set</i>
ACP 5021	Kit 3a chiusura registrabile <i>3rd adjustable locking piece set</i>
ACP 5022	Catenacciolo <i>Bolt</i>

ACP 5024	Incontro asta doppio in zama <i>Keeper double rod in zamak</i>
ACP 5025	Terminale asta <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 set to combine leaf to flat frame</i>
ACP 5044	Kit cerniera per anta ribalta abbinata telai modanati e raggiati (complanare interno) <i>Hinge kit for leaves combined with moulded frames (Flush externally, flush internally)</i>
ACP 5045	Blocchetti collegamento cremonese in zama <i>Zamak connection pieces for Cremonese</i>
ACP 5046/350	Braccio ribalta 345/410mm <i>Tilt window arm 345/410mm</i>
ACP 5046/411	Braccio ribalta 411/540mm <i>Tilt window arm 411/540mm</i>
ACP 5046/541	Braccio ribalta 541/1500mm <i>Tilt window arm 541/1500mm</i>
ACP 5047	Kit chiusura anta abbinata <i>Combined leaf latch set 541/1500mm</i>
ACP 5049	Braccio supplementare <i>Supplementary arm</i>
ACP 5052	Kit catenaccioli 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	Kit chiusura supplementare orizzontale / fulcro orizzontale <i>Horizontal additional set</i>
ACP 5057	Kit chiusura supplementare verticale <i>Vertical additional set</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 5081	Incontro asta singolo in nylon <i>Single rod keeper in nylon</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 load 175kg</i>
ACP 5092V	Frizione bilico verticale portata 175kg. Abbinare asta di trasmissione ACP 50102 <i>Friction joint for vertical pivot window load 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 24310	Cremonese con chiave <i>Cremonese with key</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/L	Asta di trasmissione per frizione ACP 5092V per bilico verticale tirare destro <i>Transmission rod for friction joint ACP 5092V for right vertical pivot</i>
ACP 50102/R	Asta di trasmissione per frizione ACP 5092V per bilico verticale tirare sinistro <i>Transmission rod for friction joint ACP 5092V for left 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>Plug under door</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>Magnetic tape for Easysun</i>
ACP 50119	Kit tappi inversione bilico orizzontale per TT 61820 <i>Horizontal pivot plug for TT 61820</i>
ACP 50119V	Kit tappi inversione bilico verticale per TT 61820 <i>Vertical pivot plug for TT 61820</i>
ACP 50121M	Tappo battuta centrale per profilo all'italiana TT 61814 <i>Central cap for TT 61814</i>
ACP 50122	Clip fermavetro <i>Glazing bead clip</i>

ACP 50128	Cappetta scarico acqua in nylon <i>Nylon drainage plug, black</i>
ACP 50128C	Cover in alluminio, da abbinare ad ACP 50128 <i>Aluminium cover to ACP 50128. Combine with ACP 50128</i>
ACP 50146/350	Braccio ribalta manovra logica 345/410mm <i>Logical tilt & turn arm 345/410mm</i>
ACP 50146/411	Braccio ribalta manovra logica 411/541mm <i>Logical tilt & turn arm 411/541mm</i>
ACP 50146/541	Braccio ribalta manovra logica 345/410mm <i>Logical tilt & turn arm 345/410mm</i>
ACP 50149	Braccio supplementare ribalta manovra logica <i>Logical 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 set for flat frame, cremonese handle excluded</i>
ACP 50157	Kit anta ribalta senza cremonese per telai complanari interni <i>Tilt & turn set without Cremonese for flat frame</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 rails kit, right, load 150kg per leaf</i>
ACP 50159S	Kit base scorrevole parallelo sx portata 150kg per anta <i>Parallel slide rails kit, left, load 150kg per leaf</i>
ACP 50160/1100	Kit binari per scorrevole parallelo L anta = da 851mm a 1100mm <i>Parallel slide rail kit L=851mm to 1100mm</i>
ACP 50160/1350	Kit binari per scorrevole parallelo L anta = da 1101mm a 1350mm <i>Parallel slide rail kit L=1101mm to 1350mm</i>
ACP 50160/1600	Kit binari per scorrevole parallelo L anta = da 1351mm a 1600mm <i>Parallel slide rail kit L=1351mm to 1600mm</i>
ACP 50161/1200	Kit forbici scorrevole parallelo soluzione manuale per ante fino a 1200mm, abbinare ad ACP 50165 <i>Developed scissor sliders kit for leaf up to 1200mm, matching with ACP 50165</i>
ACP 50162	Kit forbici scorrevole parallelo soluzione automatica per ante fino a 1600mm di anta utilizzare ACP 50159, da 1600mm a 2000mm occorrono carrelli con portata 180kg <i>Developed scissor sliders kit for leaf up to 1600mm. Up to 1600mm matching with ACP 50165. From 1600mm to 2000mm, use rails with capacity 180kg. Available on request only matching with handle ACP 50170</i>
ACP 50163	Kit accessori per trasformare il kit manuale ACP 50161 in semiautomatico <i>Kit accessories to make semiautomatic ACP 50161 for euro groove profile - matching with ACP 50166</i>
ACP 50164	Kit coperture. Disponibile nelle colorazioni argento ossidato, RAL 9010 e nero elettro-colore <i>Cover kit, finish available: silver, RAL 9010, black</i>

ACP 50165	Spessori per forbici da abbinare con ACP 50161/11200 o ACP 50162 <i>Thickness matching with ACP 50161/1250 or ACP 50162. finish available: silver and black</i>
ACP 50166	Placchetta di fermo - per modificare il kit forbici manuale in semiautomatico da abbinare ad ACP 50163 <i>Plate to make semiautomatic the developed scissor sliders kit - matching with ACP 50163</i>
ACP 50167	Kit supplementare al kit 50161 per ante oltre i 1200mm da abbinare alle astine ACP 50168 e ACP 50169 <i>Additional kit for leaf beyond 1200mm - matching with ACP 50168 and ACP 50169</i>
ACP 50168	Astina per kit supplementare ACP 50167 per ante da 1201mm fino a 1350mm da abbinare a ACP 50167 <i>ACP 50167 rod for additional kit for leaf 1201mm to 1350mm</i>
ACP 50169	Astina per kit supplementare ACP 50167 per ante da 1351mm fino a 1600mm da abbinare a ACP 50167 <i>ACP 50167 rod for additional kit for leaf 1351mm to 1600mm</i>
ACP 50175	Kit finestra battente 1 anta: blocchetti di collegamento, incontri, terminali d'asta, piastrino sostegno anta <i>Casement windows set, 1-leaf</i>
ACP 50176	Cremonese Aurora monodirezionale per anta ribalta e scorrevole parallelo <i>Cremonese monodirectional tilt & turn mechanism, Aurora serie</i>
ACP 50180	Kit anta ribalta fulcro orizzontale/manovra logica <i>Logical tilt & turn set</i>
ACP 50200	Cremonese Aurora bidirezionale completa di piastrini anti rollio <i>Aurora Cremonese double directional handle</i>
ACP 50207	Basetta in nylon per cremonese Aurora <i>Nylon strip for Aurora Cremonese</i>
ACP 50220	Supporto a squadra 46X10mm rullo tapparella <i>Square bracket 46x10mm for rolling shutter</i>
ACP 50232	Manico per cremonese Aurora ACP 50233 <i>Handle for Cremonese ACP 50233, Aurora serie</i>
ACP 50233	Cremonese Aurora bidirezionale senza manico completa di piastrino anti rollio <i>Bidirectional Aurora Cremonese handle, handle excluded</i>
ACP 50234	Cremonese Aurora bidirezionale con chiave <i>Bidirectional Aurora Cremonese handle with key, right</i>
ACP 50235/D	Cremonese Aurora monodirezione destra con chiave <i>Monodirectional Aurora Cremonese handle with key, right</i>
ACP 50235/S	Cremonese Aurora monodirezione sinistra con chiave <i>Monodirectional Aurora Cremonese handle with key, left</i>
ACP 50239	Doppia maniglia Aurora per porte <i>Aurora double handle for door</i>
ACP 50240	Quadro lungo per doppia maniglia Aurora 8x135mm <i>Kit for Aurora double handle</i>
ACP 50241	Basetta copricilindro per doppia maniglia Aurora <i>Base for cylinder covering for Aurora double handle</i>
ACP 50252	Martellina Aurora 0-90-180° quadro 7mm <i>Aurora Martellina 0-90-180°, 7mm</i>
ACP 50253	Martellina Aurora con chiave <i>Aurora Martellina with key</i>

ACP 50267	Meccanismo martellina bidirezionale per bilico <i>Bidirection Martellina mechanism for pivot window</i>
ACP 50161/1200	Kit forbici scorrevole parallelo soluzione manuale per ante fino a 1200mm, abbinare ad ACP 50165 <i>Developed scissor sliders kit for leaf up to 1200mm, matching with ACP 50165</i>
ACP 50311	Movimento monodirezionale per maniglia EXENS <i>Monodirectional EXENS mechanism for EXENS handle</i>
ACP 50312	Movimento bidirezionale per maniglia EXENS <i>Bidirectional EXENS mechanism for EXENS handle</i>
ACP 50314	Maniglia EXENS linea Aurora <i>Aurora EXENS handle</i>
ACP 50420	Cavallotto 23X14mm a scatto in estruso <i>Snap clamp 23x14mm extruded</i>
ACP 50454	Cavallotto a scatto in estruso per TT 61838 <i>Snap clamp, extruded for TT 61838</i>
ACP 50535	Fresa a due diametri per applicazione regolo obliquo <i>Two diameter cutter for fitting the sloping spacer</i>
ACP 50536	Regolo obliquo in zama <i>Zamak oblique wall spacer</i>
ACP 50537	Dima di posizionamento per foratura profilo per applicazione ACP 50536 <i>Profile drilling position template for fitting ACP 50536</i>
ACP 50538	Fresa a due diametri per applicazione regolo obliquo <i>Two diameter cutter for fitting the sloping spacer</i>
ACP 50539	Regolo obliquo in nylon per turboviti <i>Nylon oblique 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 5150/D	Kit anta ribalta SECRET con cerniera a scomparsa DX braccio corto; Dimensioni anta (L): 600-1500mm <i>SECRET tilt and turn windows kit. It is included concealed hinge for DX short arm. Leaf dimension (L): 600-1500mm</i>
ACP 5150/S	Kit anta ribalta SECRET con cerniera a scomparsa SX braccio corto; Dimensioni anta (L): 600-1500mm <i>SECRET tilt and turn windows kit. It is included concealed hinge for SX short arm. Leaf dimension (L): 600-1500mm</i>
ACP 5151/D	Kit anta ribalta SECRET con cerniera a scomparsa DX braccio lungo; Dimensioni anta (L): 600-1500mm <i>SECRET tilt and turn windows kit. It is included hidden hinge for DX long arm. Leaf dimension (L): 600-1500mm</i>
ACP 5151/S	Kit anta ribalta SECRET con cerniera a scomparsa SX braccio lungo; Dimensioni anta (L): 600-1500mm <i>SECRET tilt and turn windows kit. It is included hidden hinge for SX long arm. Leaf dimension (L): 600-1500mm</i>
ACP 5152	Incontro doppio in zama SECRET per finestra 2 ante battente <i>SECRET Double keeper zamak made 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 L>1000mm, H>1200mm</i>
ACP 5156	Catenacciolo ante passive in abbinamento ad anta ribalta SECRET <i>SECRET bolt for tilt & turn</i>
ACP 5157	Kit catenacci con manovra bidirezionale SECRET ante passive <i>SECRET bolt set for two ways directional device</i>
ACP 5158	Incontro singolo in zama per catenacciolo superiore anta passiva ribalta SECRET, abbinare a ACP 5160 <i>SECRET single keeper zamak made for passive tilt & turn</i>
ACP 5159	Terminale in zama SECRET, finestre a battente <i>SECRET zamak rod end zamak</i>
ACP 5160	Kit manovra antaribalta SECRET. Abbinare a ACP 5150 e ACP 5151 <i>SECRET tilt and turn set</i>
ACP 5161/D	Kit cerniera a scomparsa DX SECRET anta passiva, battente <i>SECRET concealed hinge set DX passive leaf</i>
ACP 5161/S	Kit cerniera a scomparsa SX SECRET anta passiva, battente <i>SECRET concealed hinge set SX passive leaf</i>
ACP 5198	Meccanismo martellina monodirezionale per A/R, quadro 7mm <i>Handle mechanism monodirectional for A/R windows</i>
ACP 5199	Meccanismo martellina monodirezionale per battente, quadro 7mm <i>Handle mechanism monodirectional for windows casement</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 5501	Squadretta maggiorata 23X35mm a pulsante <i>Oversized bracket 23x35mm with push-button</i>
ACP 5502	Squadretta piccola 17,5X17,5mm per inversione TT 61123 <i>Bracket 17,5x17,5mm with push-button for reversal TT 61123</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	Cavallotto a pulsante 23X14mm in pressofuso <i>Clamp 23x14mm, die-cast, with push-button</i>
ACP 5525	Tappo anti intestatura per profili vetro infilare spazio vetro 30mm <i>Plug for beadless glazing profiles</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	Cavalloetto 23X14mm in pressofuso con grano e codulo <i>Clamp 23x14mm die-cast with dowel and shank</i>
ACP 6272	Tappo sotto porta per TT 61835 <i>Plug for TT 61835</i>
ACP 6273	Tappo sotto porta per TT 61837 <i>Plug for TT 61837</i>
ACP 6274	Tappo sotto porta per TT 61313 <i>Plug for TT 61313</i>
ACP 62130	Appoggio vetro <i>Glass support</i>
ACP 62178	Tappo riporto centrale versione doppia battuta <i>Plug for central connection profile, double rebate version</i>
ACP 62180	Tappo riporto centrale <i>Plug for central connection profile</i>
ACP 7001	Squadretta piccola multifunzione 17,5X15mm avvitare, spinare e cianfrinare per inversione TT 61123 <i>Multi-purpose bracket 17,5x15mm, screwing, broaching and crimping for reversal TT 61123</i>
ACP 7207	Cavalloetto di allineamento scocca esterna profili dritti <i>External alignment clamp for plane profiles</i>
ACP 7208	Cavalloetto di allineamento scocca esterna profili raggiati <i>Alignment clamp for the external body of 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, 3° anta anche per telai complanari <i>2-wing Strong hinge for flat frame</i>
ACP 9941	Distanziatore 35/42mm per cerniere applicazione frontale su profili apertura esterna Planet 62 Plus <i>35-42mm thickness for frontal hinges - matching with putward opening profile</i>
ACP 9963/60	Cerniera frontale, 3 ali interasse 60mm <i>3 wings frontal hinge</i>
ACP 9963/93	Cerniera frontale, 3 ali interasse 93mm <i>3 wings frontal hinge</i>
ACP 9964/60	Cerniera frontale, 2 ali interasse 60mm <i>2 wings frontal hinge</i>
ACP 9964/93	Cerniera frontale, 2 ali interasse 93mm <i>2 wings frontal hinge</i>

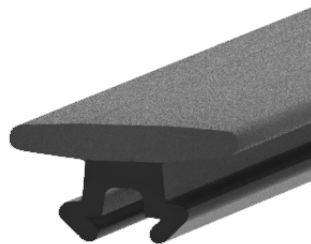
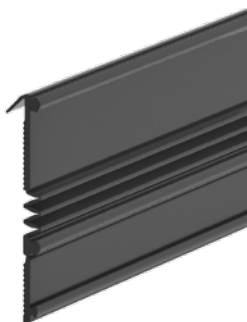
ACP 9974	Kit fissaggio cerniere applicazione frontale 3 ali <i>Kit 3-winged front hinge fastening</i>
ACP 9998	Dima di foratura per cerniere applicazione frontale <i>Front hinges holes' template</i>
ACP 99124	Cover per cerniera ACP 9918 e ACP 9938 <i>Cover for hinges ACP 9918 and ACP 9938</i>
ACP 99125	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 4003	Guarnizione di battuta a base rigida in elaprene, inserimento ad infilare <i>Rebate gasket with rigid base in elaprene</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-controtelaio <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>

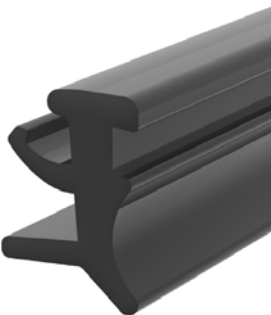
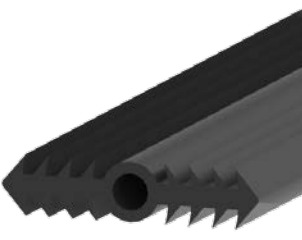
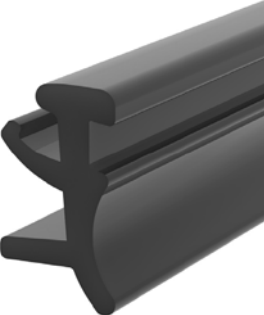
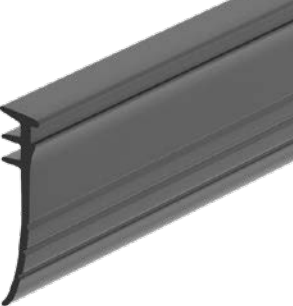
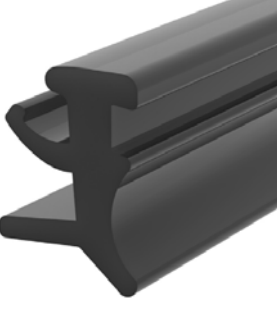
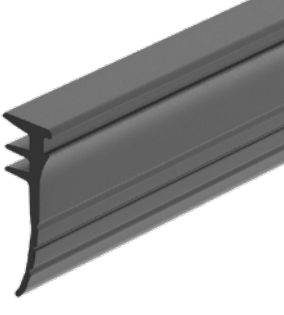
AGP 40131	Guarnizione sottovetro in polietilene espanso <i>Expanded polystyrene glazing strip</i>
AGP 4103	Guarnizione vetro in EPDM 2,5/3,5mm per isolamento acustico e termico <i>Internal glass gasket in EPDM 2,5/3,5mm for sound and thermal insulation</i>
AGP 4106	Guarnizione vetro in EPDM 4/6mm per 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>3mm, inner glazing bead seal</i>
AGP 4204	Guarnizione vetro interna 4mm filo fermavetro. Consente la piega a 90° <i>4mm, inner glazing bead seal</i>
AGP 4205	Guarnizione vetro interna 5mm filo fermavetro. Consente la piega a 90° <i>5mm, inner glazing bead seal</i>
AGP 4206	Guarnizione vetro interna 6mm filo fermavetro. Consente la piega a 90° <i>6mm, inner glazing bead seal</i>
AGP 4807	Spazzolino dim. 4,8X7mm per sottoporta <i>Under door brush strip 4,8X7mm</i>
AGP 5806	Spazzolino dim. 5,8X6mm per profili monoblocco <i>Brush strip 5,8X6mm for single-unit profiles</i>
AGP 5813	Spazzolino dim. 5,8X13mm per celino monoblocco <i>Brush strip 5,8X13mm 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 Planet 62 Plus <i>Additional seal for low threshold Planet 62 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 62172	Guarnizione battuta centrale in EPDM coestruso <i>Standard fin seal</i>
AGP 62185	Angolo vulcanizzato per AGP 62172, 45X45mm <i>Vulcanized corner piece for AGP 62172, 45X45mm</i>
TAC 1000	Astina in poliammide. Disponibile in grigio e nero, 250m per rotolo <i>PA rod. Available in color grey and black</i>
AGP 5030/I	Profilo portaintonaco per esterno con asole 250cm <i>Outdoor plaster profile</i>

AGP 5031	Profilo portaintonaco per interno con asole 250cm <i>Inner plaster profile</i>
AGP 5032	Barriera al vapore per controtelaio ACP 6246 <i>Vapor barrier for ACP 6246</i>
AGP 5033	Nastro precompresso BG1 da 15mm per sigillatura della battuta <i>Band BG1, 15mm, beat sealing</i>
AGP 5034/25	Nastro precompresso per posa in battuta per la sigillatura della spalla <i>Band for laying batting, wall sealing</i>
AGP 5036	Schiuma poliuretana elastica fissaggio controtelaio ACP 6246 <i>Elastic polyurethane foam for ACP 6246</i>
AGP 5037	Nastro in schiuma di PVC per soglia e traverso inferiore <i>PVC foam band for transom and threshold</i>
AGP 5035	Sigillante MS Polimero bianco, marrone, grigio o nero, 290ml <i>Sealant MS Polymer</i>
ACP 6220	Traverso inferiore 20mm Thermoposa in PVC <i>Thermoposa PVC sill transom, 20mm</i>
ACP 6246/25	Controtelaio Thermoposa spalla 72mm, battuta 25 rifilabile <i>Thermoposa subframe 72mm, beat 25</i>
ACP 6246/49	Controtelaio Thermoposa spalla 72mm battuta 49 rifilabile <i>Thermoposa subframe 72mm, beat 49</i>
ACP 6249	Traverso inferiore Thermoposa in PVC <i>Thermoposa PVC sill transom</i>
ACP 6254	Staffe per traverso ACP 6249 <i>Transom bracket for ACP 6249</i>
ACP 6255	Zanche per fissaggio del controtelaio ACP 6246 <i>Clamps for fixing of subframe for ACP 6246</i>
ACP 6256	Squadretta angolare per controtelaio ACP 6246 <i>Corner cleat for ACP 6246</i>
ACP 6257	Piastra di allineamento per controtelaio ACP 6246 <i>Alignment plate for ACP 6246</i>
ACP 6258	Squadretta di rinforzo per controtelaio ACP 6246 <i>Reinforced bracket for ACP 6246</i>
ACP 6259	Rinforzo tubolare in acciaio 12x40mm per controtelaio ACP 6246 <i>Steel tubular reinforcement 12x40mm for ACP 6246</i>
ACP 1000/50	Vite TORX testa cilindrica T30 7,5X50 <i>Screw with socket head</i>
ACP 1001/50	Vite TORX testa svasata T30 7,5X50 <i>Countersunk screw</i>
ACP 1000/70	Vite TORX testa cilindrica T30 7,5X70 <i>Screw with socket head</i>
ACP 1001/70	Vite TORX testa svasata T30 7,5X70 <i>Countersunk screw</i>
ACP 1000/80	Vite TORX testa cilindrica T30 7,5X80 <i>Screw with socket head</i>
ACP 1001/80	Vite TORX testa svasata T30 7,5X80 <i>Countersunk screw</i>

ACP 1000/90	Vite TORX testa cilindrica T30 7,5X90 <i>Screw with socket head</i>
ACP 1001/90	Vite TORX testa svasata T30 7,5X90 <i>Countersunk screw</i>
ACP 1000/100	Vite TORX testa cilindrica T30 7,5X100 <i>Screw with socket head</i>
ACP 1001/100	Vite TORX testa svasata T30 7,5X100 <i>Countersunk screw</i>
ACP 1000/110	Vite TORX testa cilindrica T30 7,5X110 <i>Screw with socket head</i>
ACP 1001/110	Vite TORX testa svasata T30 7,5X110 <i>Countersunk screw</i>
ACP 1000/120	Vite TORX testa cilindrica T30 7,5X120 <i>Screw with socket head</i>
ACP 1001/120	Vite TORX testa svasata T30 7,5X120 <i>Countersunk screw</i>
ACP 1000/130	Vite TORX testa cilindrica T30 7,5X130 <i>Screw with socket head</i>
ACP 1001/130	Vite TORX testa svasata T30 7,5X130 <i>Countersunk screw</i>
ACP 1000/150	Vite TORX testa cilindrica T30 7,5X150 <i>Screw with socket head</i>
ACP 1001/150	Vite TORX testa svasata T30 7,5X150 <i>Countersunk screw</i>
ACP 1000/180	Vite TORX testa cilindrica T30 7,5X180 <i>Screw with socket head</i>
ACP 1001/180	Vite TORX testa svasata T30 7,5X180 <i>Countersunk screw</i>
ACP 1000/210	Vite TORX testa cilindrica T30 7,5X210 <i>Screw with socket head</i>
ACP 1001/210	Vite TORX testa svasata T30 7,5X210 <i>Countersunk screw</i>

ELENCO GUARNIZIONI

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

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

AGP 4113

Guarnizione vetro esterna in coestruso EPDM/SPUGNA da 2,5mm per isolamento acustico e termico
Cfz: 100m

*External glass gasket in co-extruded EPDM/FOAM 2,5mm for sound and thermal insulation
Pkg: 100m*

AGP 62172

Guarnizione battuta centrale in EPDM coestruso
Cfz: 50m

*EPDM coextruded standard fin seal
Pkg: 50m*

AGP 4123

Guarnizione vetro esterna in EPDM da 2,5mm a baffo per siliconare. Garantisce maggiore ermeticità
Cfz: 150m

*EPDM external glass gasket, 2,5mm lip sealing strip for applying silicone sealant. Guarantees greater hermetic sealing
Pkg: 150m*

AGP 62185

Angolo vulcanizzato per AGP 62172, 45X45mm
Cfz: 400 pz

*Vulcanized corner for AGP 62172, 45X45mm
Pkg: 400 pcs*

AGP 4135

Guarnizione vetro esterna in EPDM da 3,5mm a baffo per siliconare. Garantisce maggiore ermeticità
Cfz: 150m

*EPDM external glass gasket, 3,5mm lip sealing strip for applying silicone sealant. Guarantees greater hermetic sealing
Pkg: 150m*

AGP 4009

Guarnizione sottoporta per anta a girare. Abbinare al profilo PL 2059
Cfz: 200m

*Under door gasket for side-hung door
Pkg: 200m*

AGP 7007

Guarnizione vetro esterna da 3mm, filo alluminio, consente la piega a 90° senza taglio
Cfz: 250m

*External glazing seal, 3mm, installed flush with aluminum. Can be bent at a 90° angle without cutting
Pkg: 250m*

AGP 7202

Guarnizione sottoporta
Cfz: 100m

*Under door gasket
Pkg: 100m*

AGP 40131

Guarnizione sottovetro in polietilene espanso
Cfz: 100m

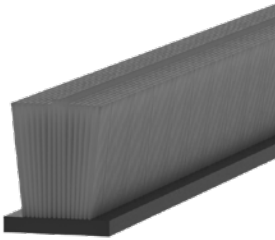
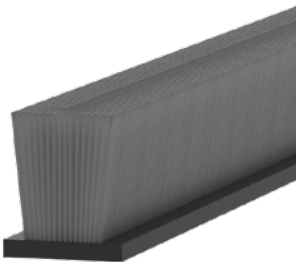
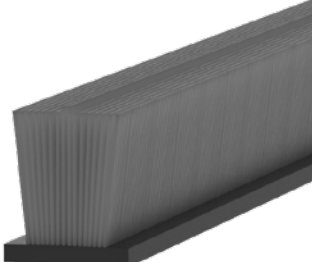
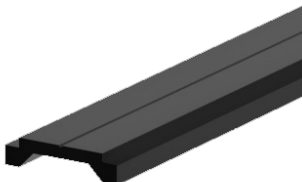
*Expanded polystyrene glazing strip
Pkg: 100m*

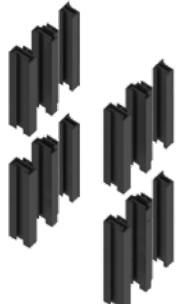
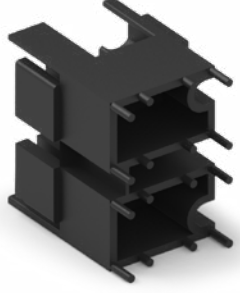
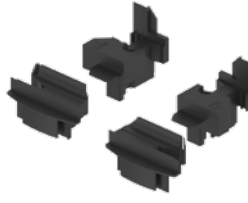
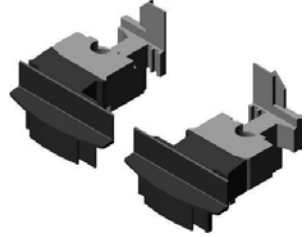
AGP 6502

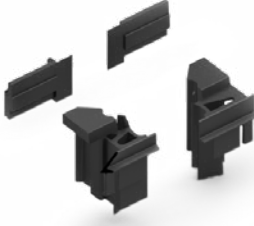
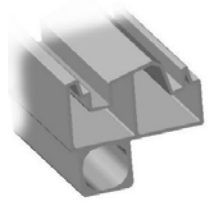
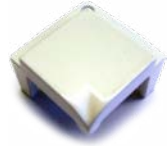
Guarnizione supplementare per soglia ribassata Planet 62 Plus, da abbinare alla AGP 62172
Cfz: 100m

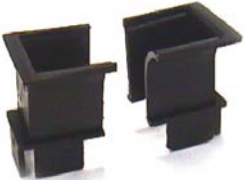
*Additional seal for low threshold Planet 62 Plus, combined with AGP 62172
Pkg: 100m*

ELENCO ACCESSORI GENERICI

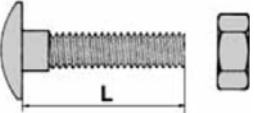
	AGP 4807 Spazzolino dim. 4,8X7mm per sottoporta Cfz: 100m <i>Under door brush strip 4,8 X7mm Pkg: 100m</i>		AC 2099 Tappino chiudiforo Ø11,5mm Cfz: 1000pz <i>Hole-closing cap Ø11,5mm Pkg: 1000pcs</i>
	AGP 5806 Spazzolino dim. 5,8X6mm per profili monoblocco Cfz: 100m <i>Brush strip 5,8X6mm for single-unit profiles Pkg: 100m</i>		ACP 5027 Gommino di bloccaggio per fermavetri a contrasto Cfz: 100m <i>Glazing bead locking rubber strip Pkg: 100m</i>
	AGP 5813 Spazzolino dim. 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: 250pz <i>Nylon wall spacer Pkg: 250pcs</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: 100pz <i>Metal wall spacer Pkg: 100pcs</i>
	ACP 5058 Rotella inserimento guarnizione centrale Cfz: 1pz <i>Gasket fitting roller Pkg: 1pcs</i>		ACP 50128 Cappetta scarico acqua in nylon. Disponibile nei colori: nero, RAL 9010 e RAL 1013 Cfz: 100pz <i>Nylon drainage plug, black Pkg: 100pcs</i>

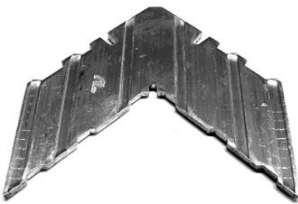
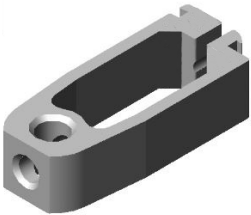
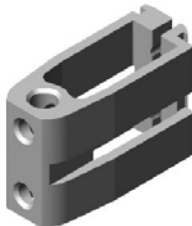
	ACP 50128C Cover in alluminio, da abbinare ad ACP 50128. Disponibile in tutte le finiture, verniciate ed ossidate Cfz: 100pz <i>Aluminium cover to ACP 50128 Pkg: 100pcs</i>		ACP 50119 Kit tappi inversione bilico orizzontale per TT 6120 Cfz: 1kit <i>Horizontal pivot plug for TT 6120 Pkg: 1kit</i>
	ACP 6272 Tappo sotto porta per TT 61835 Cfz: 20cp <i>Plug for TT 61835 Pkg: 20pairs</i>		ACP 50119V Kit tappi inversione bilico verticale per TT 6120 Cfz: 1kit <i>Vertical pivot plug for TT 6120 Pkg: 1kit</i>
	ACP 6273 Tappo sotto porta per TT 61837 Cfz: 20cp <i>Plug for TT 61837 Pkg: 20pairs</i>		ACP 5525 Tappo anti intestatura per profili vetro infilare spazio vetro 30mm Cfz: 50pz <i>Plug for beadless glazing profiles Pkg: 50pcs</i>
	ACP 6274 Tappo sotto porta per TT 61813 Cfz: 20cp <i>Plug for TT 61813 Pkg: 20pairs</i>		ACP 62180 Tappo riporto centrale Planet 62 Plus per versione giunto aperto Cfz: 20cp <i>Plug for Planet 62 Plus central connection profile Pkg: 20pairs</i>
	ACP 50115 Tappo terminale sotto porta per anta a girare. Abbinare con profilo PL 2059 e guarnizione AGP 4009 Cfz: 1cp <i>Plug under door for side-hung door. Combine with PL 2059 and AGP 4009 Pkg: 1pair</i>		ACP 62178 Tappo riporto centrale Planet 62 Plus versione doppia battuta Cfz: 20cp <i>Plug for Planet 62 Plus central connection profile, double rebate version Pkg: 20pairs</i>

	ACP 50121M Tappo battuta centrale per profilo all'italiana TT 61814 Cfz: 5pz <i>Central cap for TT 61814 Pkg: 5pcs</i>		ACP 50537 Dima di posizionamento per foratura profilo per applicazione ACP 50536 Cfz: 1pz <i>Profile drilling position template for fitting ACP 50536 Pkg: 1pcs</i>
	ACP 62130 Appoggio vetro Cfz: 100pz <i>Glass support Pkg: 100pcs</i>		ACP 50535 Fresa a due diametri per 9/19mm applicazione regolo obliquo Cfz: 1pz <i>Two diameter cutter for fitting the sloping spacer Pkg: 1pcs</i>
	ACP 5014 Angolino fermavetro tondo Cfz: 160pz <i>Round glazing bead angle Pkg: 160pcs</i>		ACP 50538 Fresa a due diametri per 7/14mm applicazione regolo obliquo Cfz: 1pz <i>Two diameter cutter for fitting the sloping spacer Pkg: 1pcs</i>
	ACP 50536 Regolo obliquo in zama Cfz: 100pz <i>Zamak oblique wall spacer Pkg: 100pcs</i>		ACP 50118 Nastro magnetico in acciaio per sistema oscurante Easysun per PL 1325 Cfz: 240m <i>Magnetic tape for Easysun Pkg: 240m</i>
	ACP 50539 Regolo obliquo in nylon per turbovite Cfz: 100pz <i>Nylon oblique wall spacer Pkg: 100pcs</i>		ACP 5093 Tappi cassonetto Cfz: 1pz <i>Box covers Pkg: 1pcs</i>

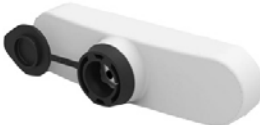
	ACP 5095 Inviti guida tapparella Cfz: 50pz <i>Roller shutter guide supports Pkg: 50pcs</i>		ACP 50117S Mensola sinistra per supporto a squadra ACP 50220 Cfz: 1pz <i>Left bracket for square support ACP 50220 Pkg: 1pcs</i>
	ACP 50010 Avvolgitore senza placca Cfz: 1pz <i>Winder without plate Pkg: 1pcs</i>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

ELENCO ACCESSORI PER GIUNZIONE

	ACP 50832 Calotta di supporto per rullo Cfz: 1pz <i>Roller support cover Pkg: 1pcs</i>		AC 2001 Vite trilobata per ACP 50420 e ACP 50454 Cfz: 250pz <i>Trilobate screw for acp 50420 and ACP 50454 Pkg: 250pcs</i>
	ACP 51520 Vite di fissaggio supporto/ mensole Cfz: 200pz <i>Support/bracket fastening screw Pkg: 200pcs</i>		ACP 5001 Vite Ø8mm per squadrette multifunzione ACP 7001, ACP 5801, ACP 5802 Cfz: 1000pz <i>Screw Ø8mm for multi-function corner cleat ACP 7001, ACP 5801, ACP 5802 Pkg: 1000pcs</i>
	ACP 51001 Guida cinghia da montante Cfz: 200pz <i>Jamb belt guide Pkg: 200pcs</i>		ACP 5002 Squadretta 23X14mm a pulsante Ø10mm Strong - filettata Cfz: 250pz <i>Corner bracket 23x14mm with push-button Ø10mm Strong - threaded Pkg: 250pcs</i>
	ACP 51190 Boccola di giunzione rullo/puleggia e rullo/calotta Cfz: 1pz <i>Joint bushing, for roller/pulley and roller/cover Pkg: 1pcs</i>		ACP 5008 Squadretta allineamento in acciaio inox Cfz: 400pz <i>Alignment corner joint, stainless steel Pkg: 400pcs</i>
	ACP 50122 Clip fermavetro Cfz: 200pz <i>Glazing bead clip Pkg: 200pcs</i>		ACP 5030 Spina Ø3mm per squadrette ACP 50153 e ACP 50154 con manico Cfz: 400pz <i>Pin, Ø3mm., with grip for ACP 50153 and ACP 50154 multifunction corner cleats Pkg: 400pcs</i>

	ACP 5800 Spina per squadretta multifunzione ACP 7001, ACP 5801 e ACP 5802 Cfz: 1000pz <i>Pin for multifunction corner cleat ACP 7001, ACP 5801 and ACP 5802 Pkg: 1000pcs</i>		ACP 50154 Squadretta multifunzione 4X36mm spinare e cianfrinare e avvitare Cfz: 200pz <i>Multi-purpose bracket 4x36mm broaching-crimping and screwing Pkg: 200pcs</i>
	ACP 50155 Vite inox per squadrette multifunzione ACP 50153 e ACP 50154 Cfz: 400pz <i>Stainless steel screw for multipurpose corner brackets ACP 50153 and ACP 50154 Pkg: 200pcs</i>		ACP 7207 Cavallotto di allineamento scocca esterna profili dritti Cfz: 250pz DX e 250pz SX <i>External alignment clamp for plane profiles Pkg: 250pcs DX and 250pcs SX</i>
	ACP 5084 Squadretta allineamento con vite di tiraggio per telai e imbotti Cfz: 250pz <i>Alignment corner bracket with tightening screw for frames and wall profiles Pkg: 250pcs</i>		ACP 7208 Cavallotto di allineamento scocca esterna profili raggiati Cfz: 250pz DX e 250pz SX <i>Alignment clamp for the external body of rounded profiles Pkg: 250pcs DX and 250pcs SX</i>
	ACP 50110 Squadretta allineamento con eccentrici di tiraggio per ante Cfz: 250pz <i>Alignment corner bracket with tightening eccentrics Pkg: 250pcs</i>		ACP 50420 Cavallotto 23X14mm a scatto in estruso Cfz: 100pz <i>Snap clamp 23x14mm extruded Pkg: 100pcs</i>
	ACP 50153 Squadretta multifunzione 4X14mm spinare e cianfrinare e avvitare Cfz: 200pz <i>Multi-purpose bracket 4x14mm broaching-crimping and screwing Pkg: 200pcs</i>		ACP 50454 Cavallotto a scatto in estruso per TT 61838 Cfz: 100pz <i>Snap clamp, extruded for TT 61838 Pkg: 100pcs</i>

	ACP 5501 Squadretta maggiorata 23X35mm a pulsante Cfz: 250pz <i>Oversized bracket 23x35mm with push-button Pkg: 250pcs</i>		ACP 7001 Squadretta piccola multifunzione 17,5X15mm avvitare, spinare e cianfrinare per inversione TT 61123 - Cfz: 250pz <i>Multi-purpose bracket 17,5x15mm, screwing, broaching and crimping for reversal TT 61123 - Pkg: 250pcs</i>
	ACP 5502 Squadretta piccola 17,5X17,5mm per inversione TT 61123 Cfz: 250pz <i>Bracket 17,5x17,5mm with push-button for reversal TT 61123 Pkg: 250pcs</i>		ACP 5801 Squadretta 23X14mm multifunzione, avvitare, spinare e cianfrinare Cfz: 250pz <i>Multi-purpose bracket 23x14mm, screwing, broaching and crimping Pkg: 250pcs</i>
	ACP 5504 Squadretta 23X14mm estrusa angolo variabile da min 30° a max 178° Cfz: 20pz <i>Bracket 23x14mm, variable angle, min 30° max 178° Pkg: 20pcs</i>		ACP 5802 Squadretta maggiorata 23X35mm multifunzione, avvitare, spinare e cianfrinare Cfz: 100pz <i>Multi-purpose bracket 23x135mm, screwing, broaching and crimping Pkg: 100pcs</i>
	ACP 5506 Squadretta maggiorata 23X35mm estrusa angolo variabile da min 55° a max 315° Cfz: 20pz <i>Oversized bracket 23x35mm, variable angle, min 55° max 315° Pkg: 20pcs</i>		ACP 5805 Squadretta pressofusa 23X14mm angolo variabile da min 60° a max 120° Cfz: 20pz <i>Bracket 23x14mm variable angle min 60° max 120° Pkg: 20pcs</i>
	ACP 5521 Cavallotto a pulsante 23X14mm in pressofuso Cfz: 250pz <i>Clamp 23x14mm, die-cast, with push-button Pkg: 250pcs</i>		

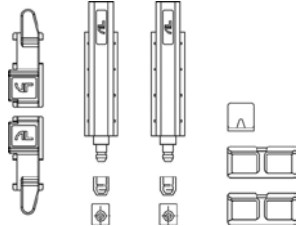
	ACP 5821 Cavallotto 23X14mm in pressofuso con grano e codulo Cfz: 250pz <i>Clamp 23x14mm die-cast with dowel and shank</i> <i>Pkg: 250pcs</i>		ACP 50311 Movimento monodirezionale per maniglia EXENS Cfz: 1pz <i>Monodirectional mechanism for EXENS handle</i> <i>Pkg: 1pcs</i>
	ACP 50425 Cavallotto cava fermavetro per inglesine Cfz: 250pz <i>Clamp glazing bead for inglesine</i> <i>Pkg: 250pcs</i>		ACP 50312 Movimento bidirezionale per maniglia EXENS Cfz: 1pz <i>Bidirectional mechanism for EXENS handle</i> <i>Pkg: 1pcs</i>
	ACP 50252 Martellina Aurora 0°-180° quadro 7mm Cfz: 10pz <i>Martellina handle 0°-180°</i> <i>Pkg: 10pcs</i>		ACP 50233 Cremonese Aurora bidirezionale senza manico completa di piastrini antirollio Cfz: 10pz <i>Aurora handel, cremonese bidirectional</i> <i>Pkg: 10pcs</i>
	ACP 50200 Cremonese Aurora bidirezionale completa di piastrini anti rollio Cfz: 10pz <i>Aurora cremonese double directional handle</i> <i>Pkg: 10pcs</i>		ACP 50232 Manico per cremonese Aurora ACP 50233 Cfz: 20pz <i>Handle for cremonese ACP 50233, Aurora serie</i> <i>Pkg: 20pcs</i>
	ACP 50314 EXENS linea Aurora Cfz: 1pz <i>Aurora EXENS handle</i> <i>Pkg: 1pcs</i>		ACP 50176 Cremonese Aurora monodirezionale per anta ribalta e scorrevole parallelo completa di piastrini antirollio - Cfz: 10pz <i>Cremonese monodirectional for tilt & turn, Aurora serie</i> <i>Pkg: 10pcs</i>

	ACP 5045 Blocchetti collegamento cremonese in zama Cfz: 160pz <i>Zamak connection pieces for Cremonese</i> Pkg: 160pcs		ACP 5052 Kit catenaccioli in alluminio con eccentrico di registrazione per anta semifissa Cfz: 20pz <i>Metal bolt set</i> Pkg: 20pcs
	ACP 50239 Doppia maniglia Aurora per porte Cfz: 5pz <i>Aurora double handle door</i> Pkg: 5pcs		ACP 5053 Giunzione astina per prolunga catenaccioli ACP 5052 Cfz: 100pz <i>Connection rod for extension bolt ACP 5052</i> Pkg: 100pcs
	ACP 50158 Kit chiusura 6 punti per bilico/scorrevole parallelo Cfz: 1pz <i>Pivot closer 6 locking piece set</i> Pkg: 1pcs		ACP 50267 Meccanismo martellina bidirezionale per bilico Ent. 23/35mm. Abbinare con ACP 50268 Cfz: 20pz <i>Bidirection handle mechanism for pivot window 23/35mm</i> Pkg: 20pcs
	ACP 5022 Catenacciolo Cfz: 100pz <i>Bolt</i> Pkg: 100pcs		ACP 50234 Cremonese Aurora bidirezionale con chiave Cfz: 10pz <i>Cremonese monodirectional with key</i> Pkg: 10pcs
	ACP 5025 Terminale asta Cfz: 200pz <i>Rod terminal</i> Pkg: 200pcs		ACP 50235/D Cremonese Aurora monodirezionale destra con chiave Cfz: 10pz <i>Cremonese bidirectional with key, right</i> Pkg: 10pcs

	ACP 50235/S Cremonese Aurora monodirezionale sinistra con chiave Cfz: 10pz <i>Cremonese bidirectional with key, left Pkg: 10pcs</i>		ACP 50268 Perno di collegamento per ACP 5026, L= 31mm Cfz: 100pz <i>Connecting pin for ACP 50267, L= 31mm Pkg: 100pcs</i>
	ACP 50253 Martellina Aurora con chiave Cfz: 10pz <i>Martellina with key Pkg: 10pcs</i>		ACP 5024 Incontro asta doppio in zama Cfz: 400pz <i>Keeper double rod in zamak Pkg: 400pcs</i>
	ACP 50207 Basetta in nylon per cremonese Aurora Cfz: 10pz <i>Nylon strip for Cremonese Aurora Pkg: 10pcs</i>		ACP 5081 Incontro asta singolo in nylon Cfz: 50pz <i>Keeper single rod in nylon Pkg: 50pcs</i>
	ACP 50241 Basetta copricilindro per doppia maniglia Aurora Cfz: 10pz <i>Base for cylinder covering for double handle Aurora Pkg: 10pcs</i>		ACP 5082 Incontro asta doppio in nylon Cfz: 50pz <i>Metal single rod keeper Pkg: 50pcs</i>
	ACP 50240 Quadro lungo 8X135mm per doppia maniglia Aurora Cfz: 10pz <i>Kit for double handle Aurora Pkg: 10pcs</i>		ACP 5019 Riscontro 3a chiusura Cfz: 200pz <i>Keeper for locking piece Pkg: 200pcs</i>

	ACP 5021 Kit 3a chiusura registrabile Cfz: 100pz <i>Adjustable locking piece set Pkg: 100pcs</i>
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	ACP 5026 Piastrina sostegno anta Cfz: 400pz <i>Plastic support for leaf Pkg: 400pcs</i>
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	ACP 50175 Kit finestra battente 1 anta: bocchetti di collegamento, incontri, terminali asta, piastrino sostegno anta Cfz: 1kit <i>Casement windows set, 1-leaf Pkg: 1kit</i>
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	ACP 50175 Cerniera 3 ali 3a anta componenti inox e piastrini premontati Cfz: 25pz <i>3-wings hinge for 3rd leaf, stainless steel components and pre-assembled plates Pkg: 25pcs</i>
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	ACP 5006 Cerniera 3 ali componenti inox e piastrini premontati, per telai piani Cfz: 20pz <i>3-wings hinge for flat frames, stainless steel components and pre-assembled plates Pkg: 20pcs</i>
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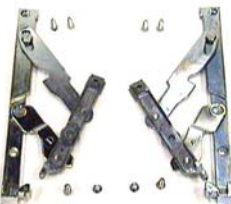
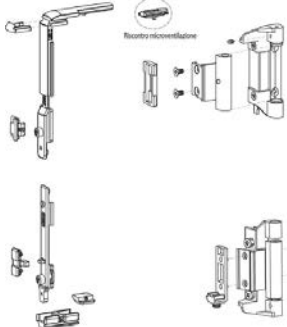
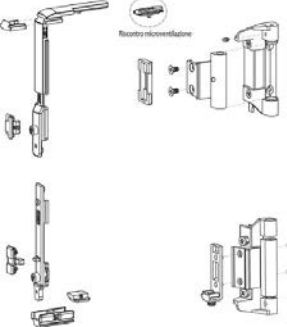
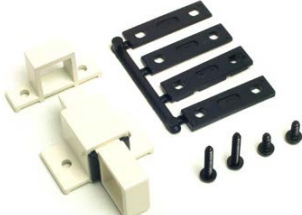
	ACP 5005D Cerniera premontata DX, per telai piani. Usare 1 coppia $h_{max}=1800mm$ e per $h>1800mm$ inserire la 3a cerniera Cfz: 20pz <i>Hinge for flat frames DX, preassembled components and plates. Use a pair of hinge for $h_{max}=1800mm$, 3 hinges for $h>1800mm$ Pkg: 20pcs</i>
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	ACP 5005S Cerniera premontata SX, per telai piani. Usare 1 coppia $h_{max}=1800mm$ per $h>1800mm$ inserire la 3a cerniera Cfz: 20pz <i>Hinge for flat frames SX, preassembled components and plates. Use a pair of hinge for $h_{max}=1800mm$, 3 hinges for $h>1800mm$ Pkg: 20pcs</i>
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	ACP 5005 Cerniera premontata, per telai piani. Usare 1 coppia $h_{max}=1800mm$ per $h>1800mm$ inserire la 3a cerniera Cfz: 20pz <i>Hinge for flat frames, preassembled components and plates. Use a pair of hinge for $h_{max}=1800mm$, 3 hinges for $h>1800mm$ Pkg: 20pcs</i>
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	ACP 5043 Kit cerniere per anta abbinata telai piani (Sormonto interno) Cfz: 10pz <i>Hinge set to combine leaf to flat frame Pkg: 10pcs</i>		ACP 5007S Cerniera 3a anta premontata SX, usare 1 coppia $h_{max}=1800mm$ per $h>1800mm$ inserire la 3a cerniera - Cfz: 20pz <i>3Rd leaf hinge, inox component and preassembled plate SX. Use a pair of hinge for $h_{max}=1800mm$, 3 hinges for $h>1800mm$ - Pkg: 20pcs</i>
	ACP 5044 Kit cerniere per anta abbinata telai modanati (Complanare interno). Cfz: 1kit <i>Hinge kit for leaves combined with moulded frames (Flush externally, flush internally) Pkg: 1kit</i>		ACP 99126 Chiave per montaggio cerniera ACP 9918 e ACP 9938 Cfz: 1pz <i>Key to fix hinge ACP 9918 and ACP 9938 Pkg: 1pcs</i>
	ACP 5007 Cerniera 3a anta componenti inox e piastrini premontati, usare 1 coppia $h_{max}=1800mm$ per $h>1800mm$ inserire la 3a cerniera Cfz: 20pz <i>3Rd leaf hinge, inox component and preassembled. Use a pair of hinge for $h_{max}=1800mm$, 3 hinges for $h>1800mm$ Pkg: 20pcs</i>		ACP 9918 Cerniera Strong a 2 ali per telai piani (complanare Esterno sormonto interno) Cfz: 20pz <i>2 wings strong hinge Pkg: 20pcs</i>
	ACP 5007D Cerniera 3a anta premontata destra, usare 1 coppia $h_{max}=1800mm$ per $h>1800mm$ inserire la 3a cerniera Cfz: 20pz <i>3rd leaf hinge, inox component and preassembled plate DX. Use a pair of hinge for $h_{max}=1800mm$, 3 hinges for $h>1800mm$ Pkg: 20pcs</i>		ACP 9938 Cerniera Strong a 2 ali, 3a anta anche per telai complanari (complanare Esterno sormonto interno) Cfz: 20pz <i>2-wing Strong hinge for 3° leaf Pkg: 20pcs</i>
			ACP 99124 Cover per cerniera ACP 9918 e ACP 9938 Cfz: 20pz <i>Cover for hinges ACP 9918 and ACP 9938 Pkg: 20pcs</i>

	ACP 99125 Piastrino registrabile universale per le cerniere Strong ACP 9918 e ACP 9938 (1pz per anta) Cfz: 10pz <i>Adjustable plate for Strong hinge ACP 9918 and ACP 9938 Pkg: 10pcs</i>		ACP 9909 Spessore 8mm per cerniere ad applicazione frontale Cfz: 50pz <i>8mm thickness for frontal hinges Pkg: 50pcs</i>
	ACP 9963/60 Cerniera frontale, 3 ali interasse 60mm Cfz: 10pz <i>3 wings frontal hinge Pkg: 10pcs</i>		ACP 9915 Spessore 7mm per cerniere ad applicazione frontale Cfz: 50pz <i>7mm thickness for frontal hinges Pkg: 50pcs</i>
	ACP 9963/93 Cerniera frontale, 3 ali interasse 93mm Cfz: 10pz <i>3 wings frontal hinge Pkg: 10pcs</i>		ACP 9941 Distanziatore 35/42mm per cerniere applicazione frontale su profili apertura esterna Planet 62 Plus Cfz: 10kit <i>35-42mm thickness for frontal hinges matching with putward opening profile Pkg: 10kit</i>
	ACP 9964/60 Cerniere frontale 2 ali interasse 60mm Cfz: 20pz <i>2 wings frontal hinge Pkg: 20pcs</i>		ACP 9973 Kit fissaggio cerniere applicazione frontale 2 ali Cfz: 10kit <i>Kit 2-winged front hinge fastening Pkg: 10kit</i>
	ACP 9964/93 Cerniere frontale 2 ali interasse 93mm Cfz: 20pz <i>2 wings frontal hinge Pkg: 20pcs</i>		ACP 9974 Kit fissaggio cerniere applicazione frontale 3 ali Cfz: 10kit <i>Kit 3-winged front hinge fastening Pkg: 10kit</i>

	ACP 9998 Dima di foratura per cerniere applicazione frontale Cfz: 1pz <i>Front hinge's holes template Pkg: 1pcs</i>		ACP 5016 Braccio sganciabile inox Cfz: 40pz <i>Stainless steel releasable arm Pkg: 40pcs</i>
	ACP 5012 Cerniera vasistas scatto singolo Cfz: 25pz <i>Hinge, single snap for bottom hung open in Pkg: 25pcs</i>		ACP 5017 Cricchetto vasistas applicazione rapida Cfz: 50pz <i>Quick fitting finger catch Pkg: 50pcs</i>
	ACP 5010 Cerniera vasistas doppio scatto Cfz: 20cp <i>Hinge, double snap for bottom hung Pkg: 20pairs</i>		ACP 50156 Kit anta ribalta per telai piani (Complanare esterno Sormonto interno). Abbinare con ACP 50176 o ACP 50311+ACP 50314 o ACP 50252+ACP 5198 Cfz: 1kit <i>Tilt & turn set - Pkg: 1kit</i>
	ACP 5011 Bracci sporgere telescopici Cfz: 20cp <i>Top-hinged telescopic arms for projected windows Pkg: 20pairs</i>		ACP 50157 Kit anta ribalta per telai complanari interno. Abbinare con ACP 50176 o ACP 50311+ACP 50314 o ACP 50252+ACP 5198 Compl. est/ compl. int Cfz: 1kit <i>Tilt & turn set - Pkg: 1kit</i>
	ACP 5013 Cricchetto vasistas Cfz: 100pz <i>Catch Pkg: 100pcs</i>		ACP 5046/350 Braccio ribalta 345/410mm Abbinare ACP 50156 o ACP 50157 Cfz: 10pz <i>Tilt & turn arm 345/410mm Pkg: 10pcs</i>

	ACP 5046/411 Braccio ribalta 411/540mm Abbinare ACP 50156 o ACP 50157 Cfz: 10pz <i>Tilt & turn arm 411/540mm Pkg: 10pcs</i>		ACP 50146/541 Braccio ribalta manovra logica 541/1500mm Abbinare ACP 50180 Cfz: 10pz <i>Logical tilt & turn arm 541/1500mm Pkg: 10pcs</i>
	ACP 5046/541 Braccio ribalta 541/1500mm Abbinare ACP 50156 o ACP 50157 Cfz: 10pz <i>Tilt & turn arm 541/1500mm Pkg: 10pcs</i>		ACP 5047 Kit chiusura ante abbinata Cfz: 10kit <i>Bolt set for second leaf Pkg: 10kit</i>
	ACP 50180 Kit ante ribalta fulcro orizzontale/manovra logica Cfz: 1kit <i>Logical tilt & turn set Pkg: 1kit</i>		ACP 5049 Braccio supplementare per L>1000mm Cfz: 10pz <i>Additional arm Pkg: 10pcs</i>
	ACP 50146/350 Braccio ribalta manovra logica 345/410mm Abbinare ACP 50180 Cfz: 10pz <i>Logical tilt & turn arm 345/410mm Pkg: 10pcs</i>		ACP 50149 Braccio supplementare per L>1000mm ribalta manovra logica Cfz: 10pz <i>Logical tilt & turn additional arm Pkg: 10pcs</i>
	ACP 50146/411 Braccio ribalta manovra logica 411/540mm Abbinare ACP 50180 Cfz: 10pz <i>Logical tilt & turn arm 411/540mm Pkg: 10pcs</i>		ACP 5056 Kit chiusura supplementare orizzontale/fulcro orizzontale Cfz: 1kit <i>Horizontal additional set Pkg: 1kit</i>

ACP 5057



Kit chiusura supplementare
verticale per h>1200mm
Cfz: 1kit

*Vertical additional set h>1200mm
Pkg: 1kit*

ACP 5151/S



Kit antiribalta cerniera
scomparsa SX SECRET
braccio lungo. Dim. anta(L):
600mm-1500mm (>1000mm
abbinarlo a ACP 5153)
Cfz: 10kit

*Tilt and turn windows kit, SECRET serie. It
is included concealed hinge for SX short
arm - Pkg: 10kit*

ACP 5198



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

*Handle monodirectional mechanism for
A/R windows
Pkg: 10pcs*

ACP 5151/D



Kit antiribalta cerniera
scomparsa DX SECRET
braccio lungo. Dim. anta(L):
600mm-1500mm (>1000mm
abbinarlo a ACP 5153)
Cfz: 10kit

*Tilt and turn windows kit, SECRET serie. It
is included concealed hinge for DX short
arm - Pkg: 10kit*

ACP 5199



Meccanismo martellina
bidirezionale per battente,
quadro 7mm
Cfz: 10pz

*Handle bidirectional for windows casement
Pkg: 10pcs*

ACP 5161/D



Kit antiribalta cerniera
scomparsa DX anta passiva
Utilizzare anche come
cerniera battente
Cfz: 10kit

*Concealed hinge set DX passive leaf
Pkg: 10kit*

ACP 5150/S



Kit antiribalta cerniera
scomparsa SECRET SX
braccio corto. Dim. anta(L):
472-700mm
Cfz: 10kit

*Tilt and turn windows set, SECRET serie. It
is included concealed hinge for SX short
arm - Pkg: 10kit*

ACP 5161/S



Kit antiribalta cerniera
scomparsa SX anta passiva
Utilizzare anche come
cerniera battente
Cfz: 10kit

*Concealed hinge set SX passive leaf
Pkg: 10kit*

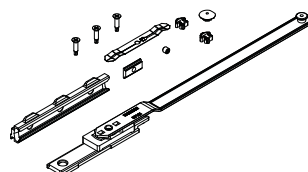
ACP 5150/D



Kit antiribalta cerniera
scomparsa SECRET DX
braccio corto. Dim. anta(L):
472-700mm
Cfz: 10kit

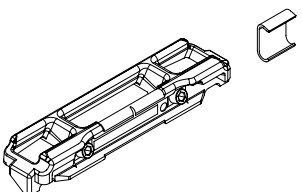
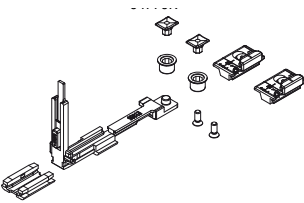
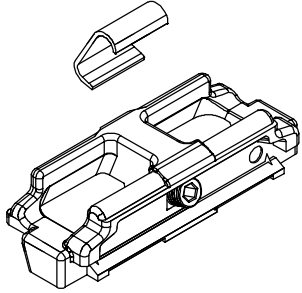
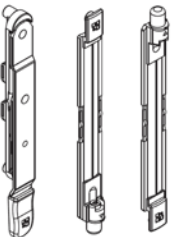
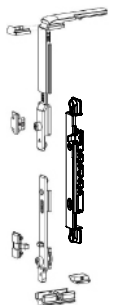
*Tilt and turn windows set, SECRET serie. It
is included concealed hinge for DX short
arm - Pkg: 10kit*

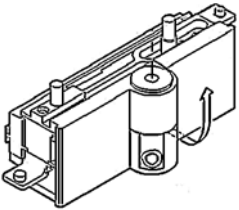
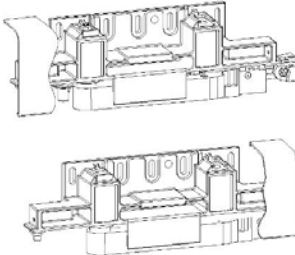
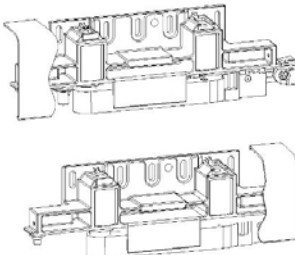
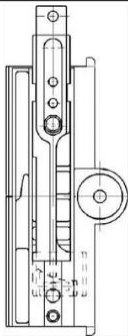
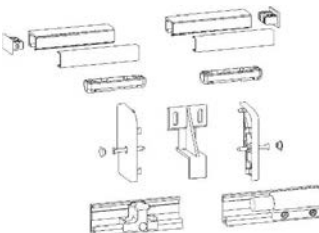
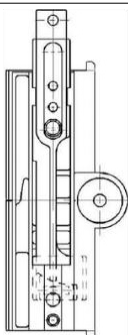
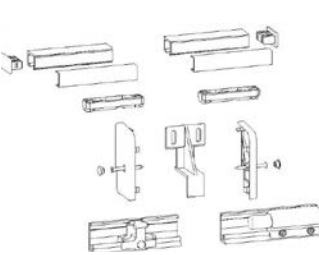
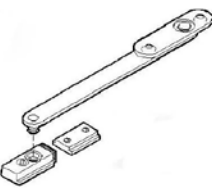
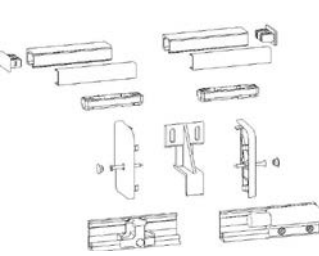
ACP 5153

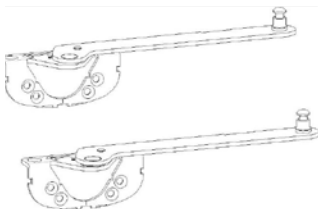


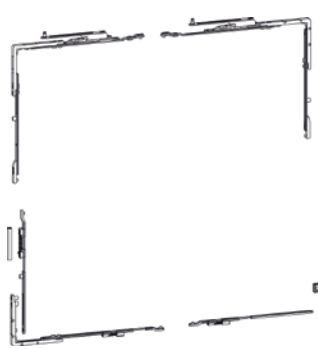
Braccio supplementare
SECRET per L>1000mm da
abbinare ad ACP 5151
Cfz: 5kit

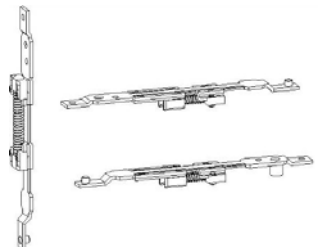
*Additional window arm for ACP 5151,
SECRET serie. L>1000mm
Pkg: 5kit*

	ACP 5152 Incontro doppio in zama per catenacciolo superiore anta passiva ribalta SECRET Cfz: 100pz <i>Double keeper zamak made for casement window</i> Pkg: 100pcs		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 Cfz: 10kit <i>Tilt and turn windows kit, SECRET serie. It is included concealed hinge for DX long arm</i> Pkg: 10kit
	ACP 5158 Incontro singolo in zama per anta passiva su anta a ribalta SECRET da abbinare a kit anta a ribalta Cfz: 10kit <i>Single keeper zamak made for passive tilt & turn, SECRET serie</i> Pkg: 10kit		ACP 5154 Chiusura supplementare lato cerniera (rostro) Cfz: 50pz <i>Beak for passive leaf</i> Pkg: 50pcs
	ACP 5157 Kit catenacci con manovra bidirezionale SECRET anta passiva Cfz: 10pz <i>Bolt kit for two ways directional device, SECRET serie</i> Pkg: 10pcs		ACP 5156 Catenacciolo anta passiva in abbinamento ad anta ribalta SECRET Cfz: 10pz <i>Bolt for tilt & turn SECRET serie</i> Pkg: 10pcs
	ACP 5159 Terminale in zama SECRET, finestre a battente Cfz: 10pz <i>Rod end zamak made for SECRET serie</i> Pkg: 40pcs		ACP 5092 Frizione bilico orizzontale portata 175 Kg Cfz: 1kit <i>Friction joint for horizontal pivot window, capacity 175 kg</i> Pkg: 1kit
	ACP 5160 Kit manovra anta-ribalta SECRET. Abbinare a ACP 5150 e ACP 5151 Conf. pz: 10 <i>Tilt and turn set, for ACP 5150 and ACP 5151, SECRET serie</i> Pkg: 10pcs		

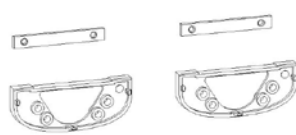
	ACP 5092V Frizione bilico verticale portata 175kg. Abbinare asta di trasmissione ACP 50102 Cfz: 1kit <i>Friction joint for horizontal pivot window, capacity 175 kg Pkg: 1kit</i>		ACP 50159D Kit base scorrevole parallelo DX portata 150kg per anta Si usa quando l'anta si apre da DX verso SX guardando dall'interno Cfz: 1kit <i>Parallel slide rails kit, right, capacity 150kg per leaf - Pkg: 1kit</i>
	ACP 5094 Spessore in acciaio inox di compenso tra frizione bilico ACP 5092 e ACP 5092V e profilo anta bilico Cfz: 1pz <i>Steel thickness between pivot clutch ACP 5092 and ACP 5092V and pivot leaf profile - Pkg: 1pcs</i>		ACP 50159S Kit base scorrevole parallelo SX portata 150kg per anta Si usa quando l'anta si apre da SX verso DX guardando dall'interno Cfz: 1kit <i>Parallel slide rails kit, right, capacity 150kg per leaf - Pkg: 1kit</i>
	ACP 50102/L Asta di trasmissione per frizione ACP 5092V per bilico verticale tirare destro Cfz: 1pz <i>Transmission rod for friction joint ACP 5092V for right vertical pivot Pkg: 1pcs</i>		ACP 50160/1100 Kit binari per scorrevole parallelo L anta= da 851mm a 1100mm Cfz: 1kit <i>Parallel slide rail kit L= 851mm to 1100mm Pkg: 1kit</i>
	ACP 50102/R Asta di trasmissione per frizione ACP 5092V per bilico verticale tirare sinistro Cfz: 1pz <i>Transmission rod for friction joint ACP 5092V for left vertical pivot Pkg: 1pcs</i>		ACP 50160/1350 Kit binari per scorrevole parallelo L anta= da 1101mm a 1350mm Cfz: 1kit <i>Parallel slide rail kit L= 1101mm to 1350mm Pkg: 1kit</i>
	ACP 50103 Limitatore di apertura per frizioni bilico ACP 5092 E ACP 5092V Cfz: 1pz <i>Opening restrictor for pivot friction joint ACP 5092 and ACP 5092V Pkg: 1pcs</i>		ACP 50160/1600 Kit binari per scorrevole parallelo L anta= da 1351mm a 1600mm Cfz: 1kit <i>Parallel slide rail kit L=1351mm to 1600mm Pkg: 1kit</i>

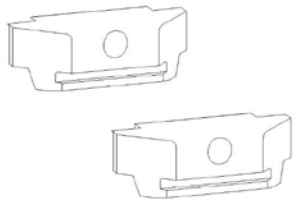
	ACP 50161/1200 Kit forbici scorrevole parallelo soluzione manuale per ante fino a 1200mm, abbinare ad ACP 50165 Cfz: 1kit <i>Scissor sliders kit for leaf up to 1200mm, matching with ACP 50165</i> <i>Pkg: 1kit</i>
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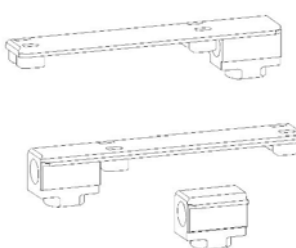
	ACP 50162 Kit forbici scorrevole parallelo soluzione automatica per ante fino a 2000mm. Fino a 1600mm utilizzare ACP 50165, da 1600mm a 2000mm occorrono carrelli con portata 180kg Cfz: 1kit <i>Scissor sliders kit for leaf up to 2000mm. Up to 1600mm matching with ACP 50165. From 1600mm to 2000mm, use rails with capacity 180kg</i> <i>Pkg: 1kit</i>
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	ACP 50163 Kit accessori per trasformare il kit manuale ACP 50161 in semiautomatico da abbinare ad ACP 50166 - Cfz: 1kit <i>Kit accessories to make semiautomatic ACP 50161. For euro groove profile - matching with ACP 50166 - Pkg: 1kit</i>
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	ACP 50164 Kit coperture. Disponibile in argento ossidato, RAL 9010 e nero elettro-colore Cfz: 1kit <i>Cover kit, finish available: silver, RAL 9010, black</i> <i>Pkg: 1kit</i>
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	ACP 50165 Spessori per forbici da abbinare con ACP 50161/1250 o ACP 50162. Disponibile in argento e nero elettro-colore - Cfz: 1kit <i>Thickness matching with ACP 50161/1200 or ACP 50162. Finish available: silver and black - Pkg: 1kit</i>
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	ACP 50166 Placchetta di fermo - per trasformare il kit forbici manuale in semiautomatico da abbinare ad ACP 50163 Cfz: 1pz <i>Plate to make semiautomatic the developed scissor sliders kit - matching with ACP 50163 - Pkg: 1pcs</i>
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	ACP 50167 Kit supplementare al kit ACP 50161 per ante oltre i 1200mm da abbinare alle astine ACP 50168 e ACP 50169 - Cfz: 1kit <i>Hinge, single snap for bottom hung open in</i> <i>Pkg: 1kit</i>
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	ACP 50168 Astina per kit ACP 50167 supplementare per ante da 1201mm fino a 1350mm Conf. pz: 1 <i>Rod for additional kit for leaf 1201mm to 1350mm</i> <i>Pkg: 1pcs</i>
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	ACP 50169 Astina per kit ACP 50167 supplementare per ante da 1351mm fino a 1600mm Cfz: 1pz <i>Rod for additional kit for leaf 1351mm to 1600mm</i> <i>Pkg: 1pcs</i>
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ELENCO ACCESSORI THERMOPOSA

	AGP 5030/I Profilo portaintonaco per esterno con asole Cfz: 2,5m <i>Outdoor plaster profile Pkg: 2,5m</i>		AGP 5036 Schiuma poliuretana elastica fissaggio controtelaio ACP 6246 Cfz: 1pz <i>Elastic polyurethane foam for ACP 6246 Pkg: 1pcs</i>
	AGP 5031 Profilo portaintonaco per interno con asole Cfz: 2,5m <i>Inner plaster profile Pkg: 2,5m</i>		AGP 5037 Nastro in schiuma di PVC per soglia e traverso inferiore Cfz: 20m <i>PVC foam band for tramson e threshold Pkg: 20m</i>
	AGP 5032 Barriera vapore per controtelaio ACP 6246 Cfz: 30m <i>Vapor barrier for ACP 6246 Pkg: 30m</i>		AGP 5035 Sigillante MS Polimero bianco, marrone, grigio o nero Cfz: 1pz <i>Sealant MS Polymer Pkg: 1pcs</i>
	AGP 5033 Nastro precompresso BG1 da 15mm per sigillatura della battuta Cfz: 15m <i>Band BG1 15mm, sealing beat Pkg: 15m</i>		ACP 6246/25 Controtelaio Thermoposa 72mm, battuta 25 rifilabile Cfz: 3m <i>Thermoposa Subframe 72mm, beat 25 Pkg: 3m</i>
	AGP 5034/25 Nastro precompresso per posa in battuta per sigillatura della spalla Cfz: 7m <i>Band for laying batting, wall sealing Pkg: 7m</i>		ACP 6246/49 Controtelaio Thermoposa 72mm, battuta 49 rifilabile Cfz: 3m <i>Thermoposa Subframe 72mm, beat 49 Pkg: 3m</i>

	ACP 6249 Traverso inferiore Thermoposa in PVC Cfz: 3m <i>Thermoposa PVC sill transom Pkg: 3m</i>		ACP 6257 Piastra di allineamento per controltaio ACP 6246 Cfz: 1kit <i>Alignment plate for ACP 6246 Pkg: 1kit</i>
	ACP 6220 Traverso inferiore 20mm Thermoposa in PVC Cfz: 3m <i>Thermoposa PVC sill transom 20mm Pkg: 3m</i>		ACP 6258 Squadretta di rinforzo per controltaio ACP 6246 Cfz: 1pz <i>Reinforced bracket for ACP 6246 Pkg: 1pcs</i>
	ACP 6254 Staffe per traverso ACP 6249 Cfz: 1pz <i>Transom bracket for ACP 6249 Pkg: 1pcs</i>		ACP 6259 Rinforzo tubolare in acciaio 12x40mm per controltaio ACP 6246 Cfz: 1pz <i>Steel tubular reinforcement 12x40mm for ACP 6246 Pkg: 1pcs</i>
	ACP 6255 Zanche per fissaggio del controltaio for ACP 6246 Cfz: 1pz <i>Clamps for fixing of subframe Pkg: 1pcs</i>		ACP 1000/50 Turbovite TORX testa cilindrica T30 7,5X50mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>
	ACP 6256 Squadretta angolare per controltaio ACP 6246 Cfz: 1pz <i>Corner cleat for ACP 6246 Pkg: 1pcs</i>		ACP 1001/50 Turbovite TORX testa svasata T30 7,5X50mm Cfz: 100pz <i>Countersunk screw Pkg: 100pcs</i>

	ACP 1000/70
	Turbovite TORX testa cilindrica T30 7,5X70mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>

	ACP 1001/90
	Turbovite TORX testa svasata T30 7,5X90mm Cfz: 100pz <i>Countersunk screw Pkg: 100pcs</i>

	ACP 1001/70
	Turbovite TORX testa svasata T30 7,5X70mm CCfz: 100pz <i>Countersunk screw Pkg: 100pcs</i>

	ACP 1000/100
	Turbovite TORX testa cilindrica T30 7,5X90mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>

	ACP 1000/80
	Turbovite TORX testa cilindrica T30 7,5X80mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>

	ACP 1001/100
	Turbovite TORX testa svasata T30 7,5X100mm Cfz: 100pz <i>Countersunk screw Pkg: 100pcs</i>

	ACP 1001/80
	Turbovite TORX testa svasata T30 7,5X70mm Cfz: 100pz <i>Countersunk screw Pkg: 100pcs</i>

	ACP 1000/110
	Turbovite TORX testa svasata T30 7,5X110mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>

	ACP 1000/90
	Turbovite TORX testa cilindrica T30 7,5X90mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>

	ACP 1001/110
	Turbovite TORX testa svasata T30 7,5X90mm Cfz: 100pz <i>Countersunk screw Pkg: 100pcs</i>

	ACP 1000/120 Turbovite TORX testa cilindrica T30 7,5X120mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>
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	ACP 1001/150 Turbovite TORX testa svasata T30 7,5X150mm Cfz: 100pz <i>Countersunk screw Pkg: 100pcs</i>
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	ACP 1001/120 Turbovite TORX testa svasata T30 7,5X120mm Cfz: 100pz <i>Countersunk screw Pkg: 100pcs</i>
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	ACP 1000/180 Turbovite TORX testa cilindrica T30 7,5X180mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>
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	ACP 1000/130 Turbovite TORX testa cilindrica T30 7,5X130mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>
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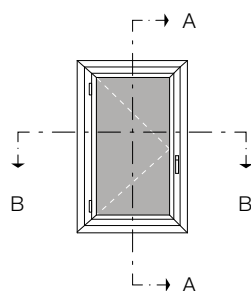
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	ACP 1001/130 Turbovite TORX testa svasata T30 7,5X130mm Cfz: 100pz <i>Countersunk screw Pkg: 100pcs</i>
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	ACP 1000/210 Turbovite TORX testa cilindrica T30 7,5X210mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>
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	ACP 1000/150 Turbovite TORX testa cilindrica T30 7,5X150mm Cfz: 100pz <i>Screw with socket head Pkg: 100pcs</i>
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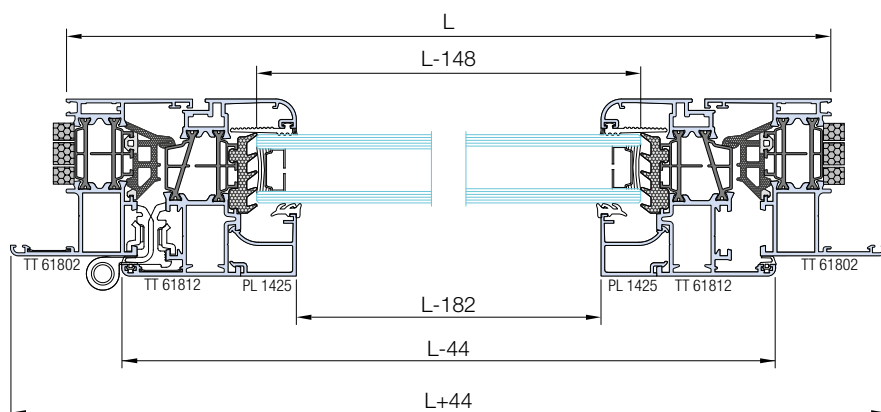
1 leaf window
glazing bead solution

Finestra
1 anta

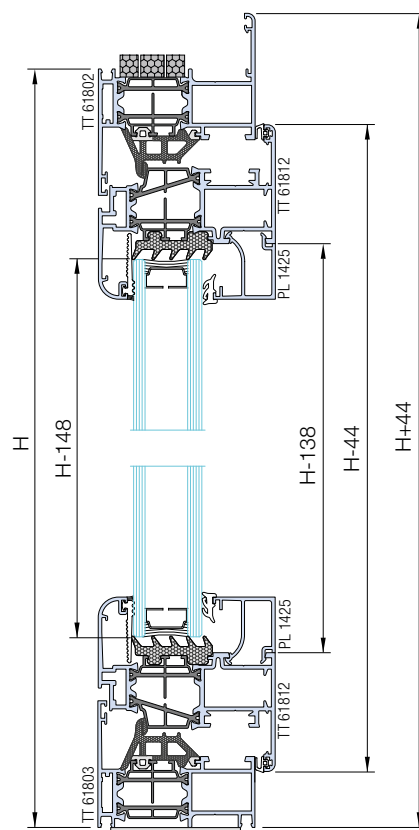
Glass list

Distinta vetri

Pezzi	L	H
1	L-148	H-148



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio superiore <i>head transom frame</i>	1	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 61803	Traverso telaio inferiore <i>sill transom frame</i>	1	L	
TT 61812	Traverso anta <i>transom leaf</i>	2	L-44	
	Montante anta <i>mullion leaf</i>	2	H-44	
PL 1425	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
ACP 5001	Vite per squadretta <i>screw for corner bracket</i>	16
ACP 5008	Squadretta allineamento inox <i>inox corner ally</i>	6
ACP 50110	Squadretta all. eccentrico <i>alignment corner bracket with tightening eccentrics</i>	4
ACP 50153	Squadretta multif. est. <i>multi-purpose bracket</i>	8
ACP 5030	Spina Ø3mm <i>Ø3mm pin</i>	16
ACP 5005	Cerniera <i>hinge for flat frames</i>	2
ACP 50200	Cremonese Aurora <i>cremonese Aurora</i>	1
ACP 50536	Regolo muro obliquo <i>nylon wall spacer</i>	6/8
AGP 62185	Angolo vulcanizzato <i>vulcanized corner</i>	4
ACP 50175	Kit chiusura finestra battente a 1 anta <i>casement windows set</i>	1

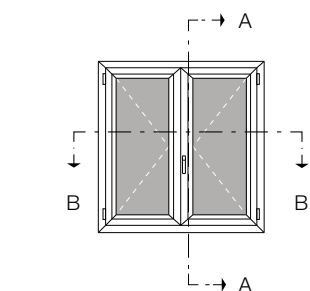
Distinte di taglio

Cutting lists

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000 	Battuta <i>wall seal</i>	2 2	L-44 H-44
AGP 40131 	Sotto vetro <i>glazing strip</i>	2 2	L-128 H-128
AGP 5037 	Isolamento muro <i>wall insulation</i>	1	L
AGP 62172 	Battuta centrale <i>central beat</i>	2 2	L-124 H-124
Dipende dal vetro 	Vetro esterna <i>external glass gasket</i>	2 2	L-148 H-148
Dipende dal vetro 	Vetro interna <i>internal glass gasket</i>	2 2	L-148 H-148
AGP 5034/25 	Isolamento spalla <i>abutment insulation</i>	2 1	H L



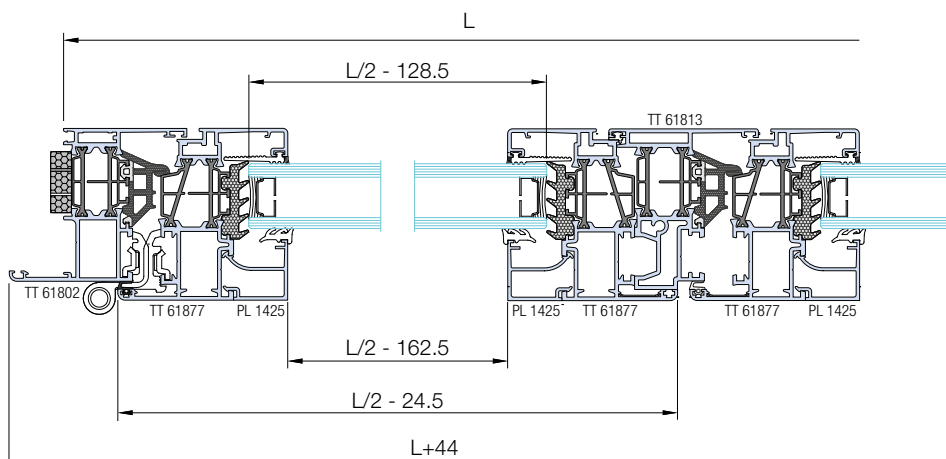
2 leaf
window

Finestra
2 ante

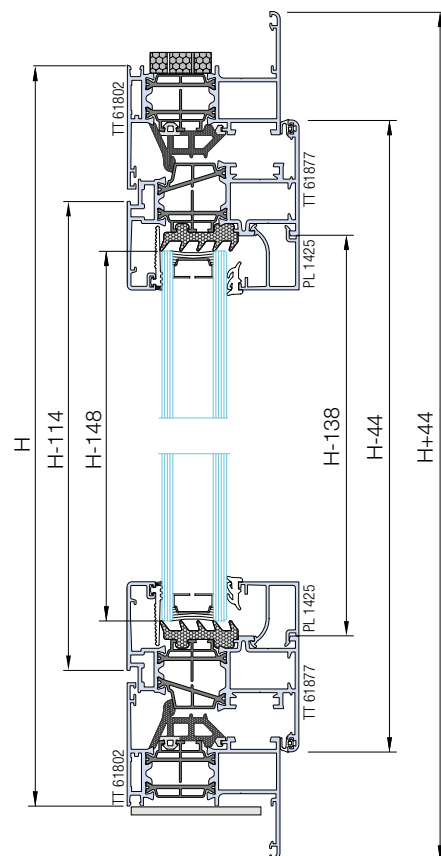
Glass list

Distinta vetri

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



Sez. B-B



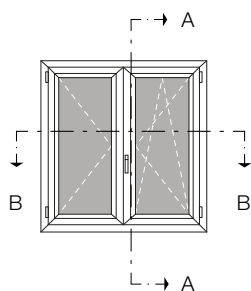
Sez. A-A

Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio head transom frame	2	L+44	
	Montante telaio mullion frame	2	H+44	
TT 61877	Traverso anta transom leaf	4	L/2-24.5	
	Montante anta mullion leaf	4	H-44	
PL 1425	Traverso fermavetro transom glazing bead	4	L/2-162.5	
	Montante fermavetro mullion glazing bead	4	H-138	
TT 61813	Riporto centrale central cap	1	H-114	

Art.	Descrizione	q.tà
ACP 5801	Squadretta multifunzione corner cleat	12
ACP 5001	Vite per squadretta screw for corner bracket	24
ACP 5008	Squadretta allineamento inox inox corner ally	12
ACP 50110	Squadretta all. eccentrico alignment corner bracket with tightening eccentrics	8
ACP 50153	Squadretta multifunz. est. multi-purpose bracket	12
ACP 5030	Spina Ø3mm Ø3mm pin	24
ACP 5005	Cerniera hinge for flat frames	4
ACP 50200	Cremonese Aurora cremonese Aurora	1
ACP 5022	Catenacciolo bolt	2
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8
ACP 62180	Tappo riporto plug for central connection profile	1 cp
AGP 62185	Angolo vulcanizzato vulcanized corner	4
ACP 50175	Kit chiusura finestra battente a 1 anta casement windows set	1

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	4 3	L/2-24.5 H-44
AGP 40131	Sotto vetro glazing strip	4 4	L/2-108.5 H-128
AGP 5037	Isolamento muro wall insulation	1	L
AGP 62172	Battuta centrale central rabbet	2 3	L-124 H-124
Dipende dal vetro	Vetro esterna external glass gasket	4 4	L/2-128.5 H-148
Dipende dal vetro	Vetro interna internal glass gasket	4 4	L/2-128.5 H-148
AGP 4006	Battuta riporto rabbet gasket	1	H-144
AGP 5034/25	Isolamento spalla abutment insulation	2 1	H L

N.B. tutte le tabelle esposte sui nostri cataloghi sono ottenute mediante calcoli puramente teorici non tengono conto delle tolleranze di estrusione, di verniciatura e di lavorazione, pertanto consigliamo di testarle al vero prima di produrre

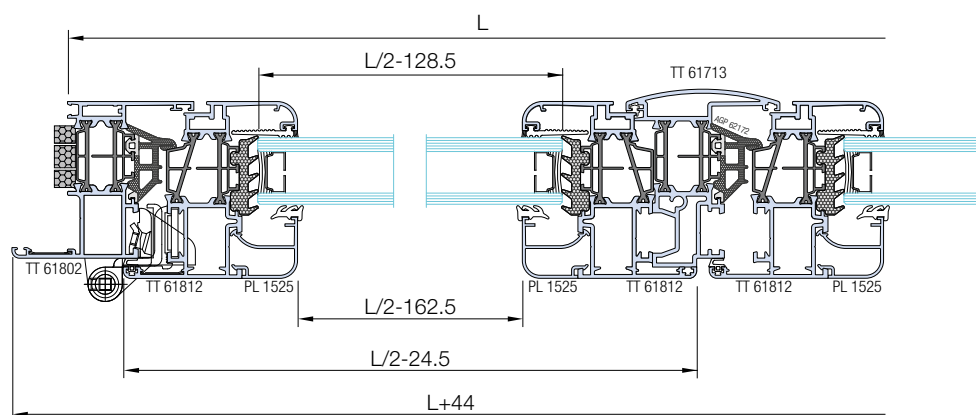
T/T 2 leaf
window

Glass list

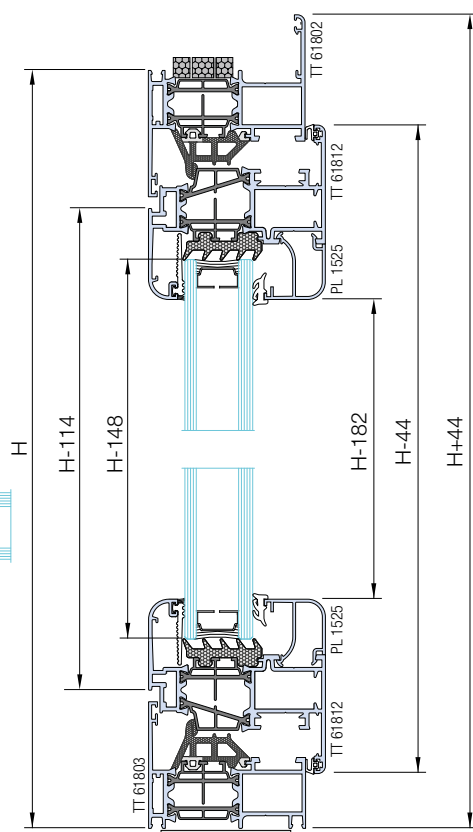
Finestra
2 ante ribalta

Distinta vetri

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



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

DISTINTE DI TAGLIO

Cutting lists

Distinta guarnizioni

Gaskets list

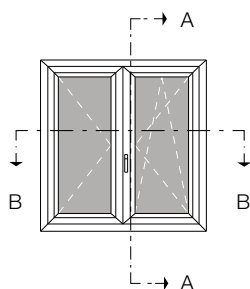
Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio <i>transom frame</i>	1	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 61803	Traverso telaio inferiore <i>sill transom frame</i>	1	L	
TT 61812	Traverso anta <i>transom leaf</i>	4	L/2-24.5	
	Montante anta <i>mullion leaf</i>	4	H-44	
PL 1525	Traverso fermavetro <i>transom glazing bead</i>	2	L/2-162.5	
	Montante fermavetro <i>mullion glazing bead</i>	2	H-182	
TT 61713	Riporto centrale <i>central cap</i>	1	H-114	

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 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 62172	Battuta centrale <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
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	2 1	H L

Distinta accessori

Accessories

Art.	Descrizione	q.tà
ACP 5801	Squadretta Multifunzione <i>corner cleat</i>	12
ACP 5001	Vite per squadretta <i>screw for corner bracket</i>	24
ACP 5008	Squadretta allineamento inox <i>inox corner ally</i>	12
ACP 50110	Squadretta all. eccentrico <i>alignment corner bracket with tightening eccentrics</i>	8
ACP 50153	Squadretta multifunz. est. <i>multi-purpose bracket</i>	12
ACP 5030	Spina Ø3mm <i>Ø3mm pin</i>	24
ACP 50156	Kit anta ribalta <i>tilt & turn set</i>	1 kit
ACP 5052	Catenacciolo <i>metal bolt set</i>	1 kit
ACP 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6/8
ACP 62180	Tappo riporto <i>plug for central connection profile</i>	1 cp
AGP 62185	Angolo vulcanizzato <i>vulcanized corner</i>	4
ACP 5043	Kit cerniere anta passiva <i>hinge set to combine leaf to flat frame</i>	1 kit
ACP 50176	Cremonese Aurora <i>cremonese Aurora</i>	1
ACP 5046/...	Braccio ribalta <i>tilt window arm</i>	1
ACP 5014	Angoletto fermavetro <i>casement windows set</i>	8

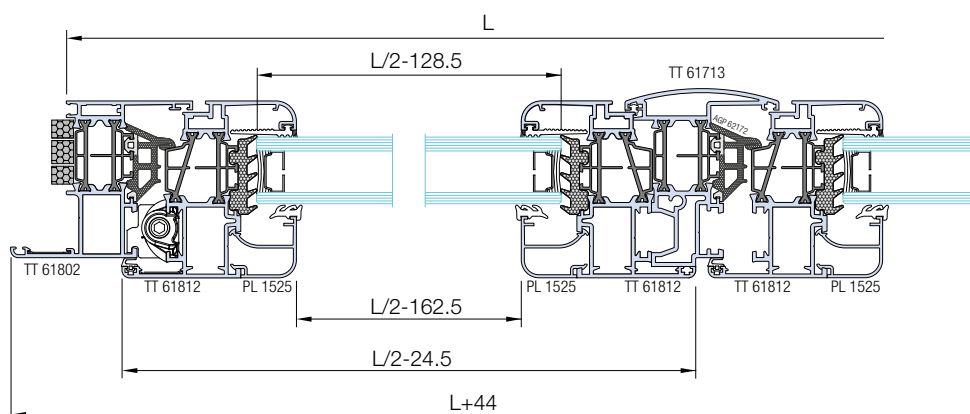


T/T 2 leaf
windows

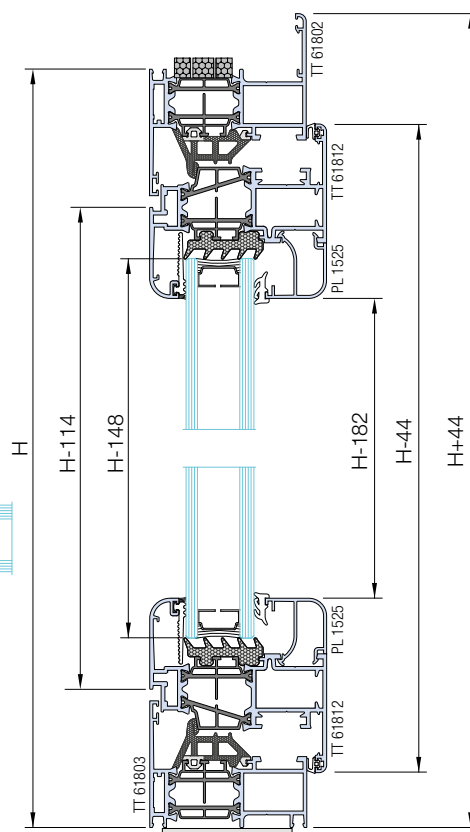
Glass list

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

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio superiore <i>head transom frame</i>	1	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 61803	Traverso telaio inferiore <i>sill transom frame</i>	1	L	
TT 61812	Traverso anta <i>transom leaf</i>	4	L/2-24.5	
	Montante anta <i>mullion leaf</i>	4	H-44	
PL 1525	Traverso fermavetro <i>transom glazing bead</i>	2	L/2-162.5	
	Montante fermavetro <i>mullion glazing bead</i>	2	H-182	
TT 61713	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
ACP 5001	Vite per squadretta <i>screw for corner bracket</i>	24
ACP 5008	Squadretta allineamento inox <i>inox corner ally</i>	12
ACP 50110	Squadretta all. eccentrico <i>alignment corner bracket with tightening eccentrics</i>	8
ACP 50153	Squadretta multifunz. est. <i>multi-purpose bracket</i>	12
ACP 5030	Spina Ø3mm <i>Ø3mm pin</i>	24
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 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6/8
ACP 62180	Tappo riporto <i>plug for central connection profile</i>	1 cp
AGP 62185	Angolo vulcanizzato <i>vulcanized corner</i>	4
ACP 5161	Kit cerniere anta passiva <i>hinge set to combine leaf</i>	1 kit
ACP 50314	Exens Aurora <i>exens Aurora</i>	1
ACP 5158	Incontro per anta passante <i>keeper passive leaf</i>	1
ACP 5014	Angoletto fermavetro <i>casement windows set</i>	8
ACP 5160	Kit manovra <i>tilt & turn set</i>	1

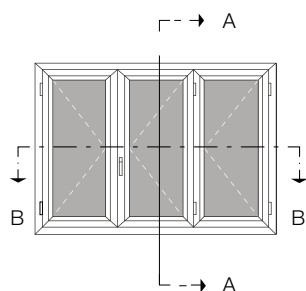
Distinta guarnizioni

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 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 62172	Battuta centrale <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
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	2 1	H L

DISTINTE DI TAGLIO

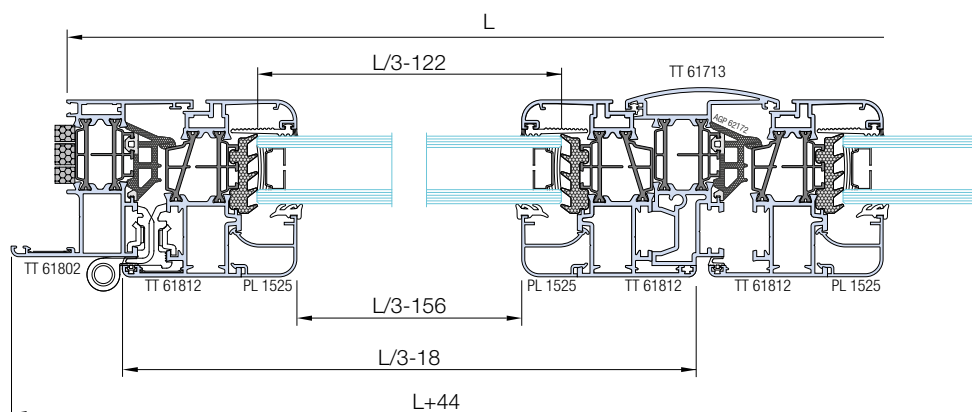
Cutting lists

3 leaf
windowsFinestra
3 ante

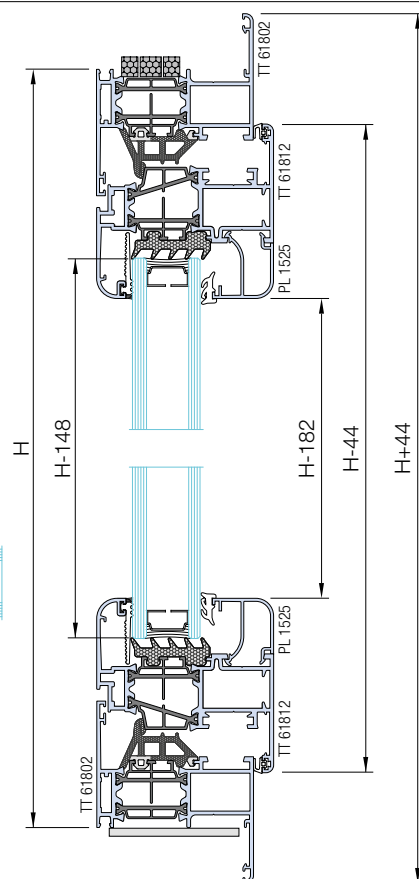
Glass list

Distinta vetri

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



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio <i>transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 61812	Traverso anta <i>transom leaf</i>	6	L/3-18	
	Montante anta <i>mullion leaf</i>	6	H-44	
PL 1525	Traverso fermavetro <i>transom glazing bead</i>	6	L/3-156	
	Montante fermavetro <i>mullion glazing bead</i>	6	H-182	
TT 61813	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
ACP 5001	Vite per squadretta <i>screw for corner bracket</i>	32
ACP 5008	Squadretta allineamento inox <i>inox corner ally</i>	16
ACP 50110	Squadretta all. eccentrico <i>alignment corner bracket with tightening eccentrics</i>	12
ACP 50153	Squadretta multifunz. est. <i>multi-purpose bracket</i>	16
ACP 5030	Spina Ø3mm <i>Ø3mm pin</i>	32
ACP 5005	Cerniera <i>hinge for flat frames</i>	4
ACP 5022	Catenacciolo <i>bolt</i>	4
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	12
ACP 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6/8
ACP 62180	Tappo riporto <i>plug for central connection profile</i>	2 cp
AGP 62185	Angolo vulcanizzato <i>vulcanized corner</i>	4
ACP 5007	Cerniera <i>leaf hinge</i>	2
ACP 5081	Incontro asta <i>single rod keeper</i>	1
ACP 50175	Chiusura finestra battente a anta <i>casement windows set</i>	1
ACP 50200	Cremonese Aurora <i>cremonese Aurora</i>	1
ACP 5026	Piastrina sostegno anta <i>plastic support for leaf</i>	1

DISTINTE DI TAGLIO

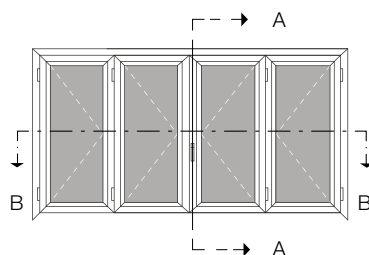
Cutting lists

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000 	Battuta <i>wall seal</i>	6 4	L/3-18 H-44
AGP 40131 	Sotto vetro <i>glazing strip</i>	6 6	L/3-102 H-128
AGP 5037 	Isolamento muro <i>wall insulation</i>	1	L
AGP 62172 	Battuta centrale <i>central rabbet</i>	2 4	L-124 H-124
Dipende dal vetro 	Vetro esterna <i>external glass gasket</i>	6 6	L/3-122 H-148
Dipende dal vetro 	Vetro interna <i>internal glass gasket</i>	6 6	L/3-122 H-148
AGP 4006 	Battuta riporto <i>rabbet gasket</i>	2	H-144
AGP 5034/25 	Isolamento spalla <i>abutment insulation</i>	2 1	H L

N.B. tutte le tabelle esposte sui nostri cataloghi sono ottenute mediante calcoli puramente teorici non tengono conto delle tolleranze di estrusione, di verniciatura e di lavorazione, pertanto consigliamo di testarle al vero prima di produrre



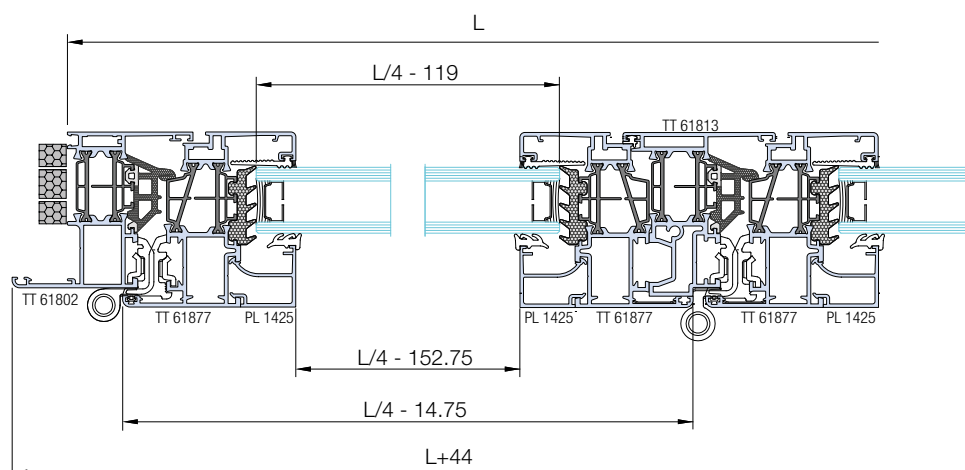
4 leaf
windows

Finestra
4 ante

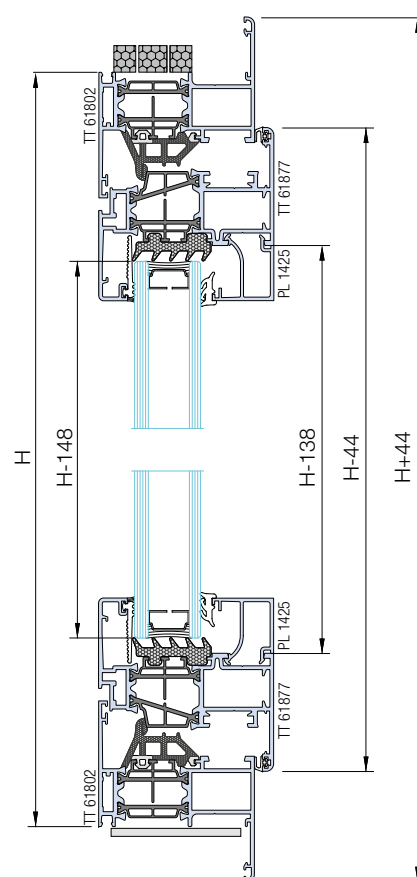
Glass list

Distinta vetri

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



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Distinta guarnizioni

Gaskets list

Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio superiore <i>head transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 61877	Traverso anta <i>transom leaf</i>	8	L/4-14.75	
	Montante anta <i>mullion leaf</i>	8	H-44	
PL 1425	Traverso fermavetro <i>transom glazing bead</i>	8	L/4-152.75	
	Montante fermavetro <i>mullion glazing bead</i>	8	H-138	
TT 61813	Riporto centrale <i>central cap</i>	3	H-114	

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	8 5	L/4-14 H-44
AGP 40131	Sotto vetro <i>glazing strip</i>	8 8	L/4-99 H-128
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 62172	Battuta centrale <i>central rabbet</i>	2 5	L-124 H-124
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	8 8	L/4-119 H-148
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	8 8	L/4-119 H-148
AGP 4006	Battuta riporto <i>rabbet gasket</i>	3	H-114
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	2 1	H L

Distinta accessori

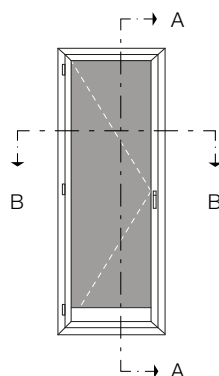
Accessories

Art.	Descrizione	q.tà
ACP 5801	Squadretta Multifunzione <i>corner cleat</i>	20
ACP 5001	Vite per squadretta <i>screw for corner bracket</i>	40
ACP 5008	Squadretta allineamento inox <i>inox corner ally</i>	20
ACP 50110	Squadretta all. eccentrico <i>alignment corner bracket with tightening eccentrics</i>	16
ACP 50153	Squadretta multifunz. est. <i>multi-purpose bracket</i>	20
ACP 5030	Spina Ø3mm <i>Ø3mm pin</i>	40
ACP 5005	Cerniera <i>hinge for flat frames</i>	4
ACP 5007	Cerniera 3a anta <i>hinge for 3a frames</i>	4
ACP 50200	Cremonese Aurora <i>cremonese Aurora</i>	1
ACP 5022	Catenacciolo <i>bolt</i>	6
ACP 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6/8
ACP 62180	Tappo riporto <i>plug for central connection profile</i>	3 cp
AGP 62185	Angolo vulcanizzato <i>vulcanized corner</i>	4
ACP 50175	Chiusura finestra battente a anta <i>assement windows set</i>	1 kit
ACP 5026	Piastrina sostegno anta <i>plastic support for leaf</i>	2
ACP 5081	Incontro asta singolo <i>single rod keeper</i>	2

DISTINTE DI TAGLIO

Cutting lists

N.B. tutte le tabelle esposte sui nostri cataloghi sono ottenute mediante calcoli puramente teorici non tengono conto delle tolleranze di estrusione, di verniciatura e di lavorazione, pertanto consigliamo di testarle al vero prima di produrre



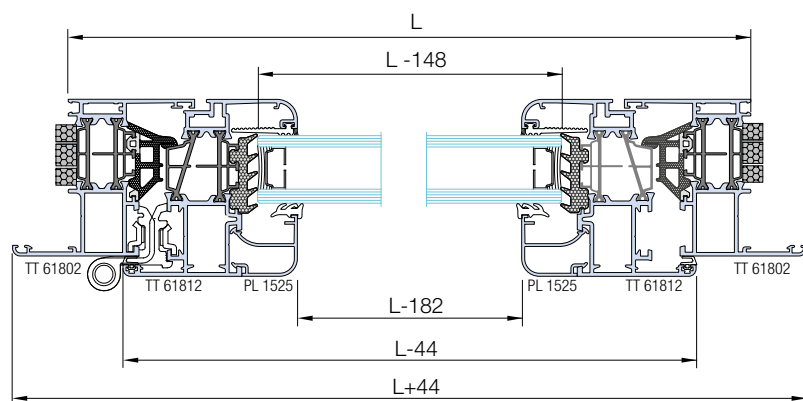
Door window
1 leaf glass door

Glass list

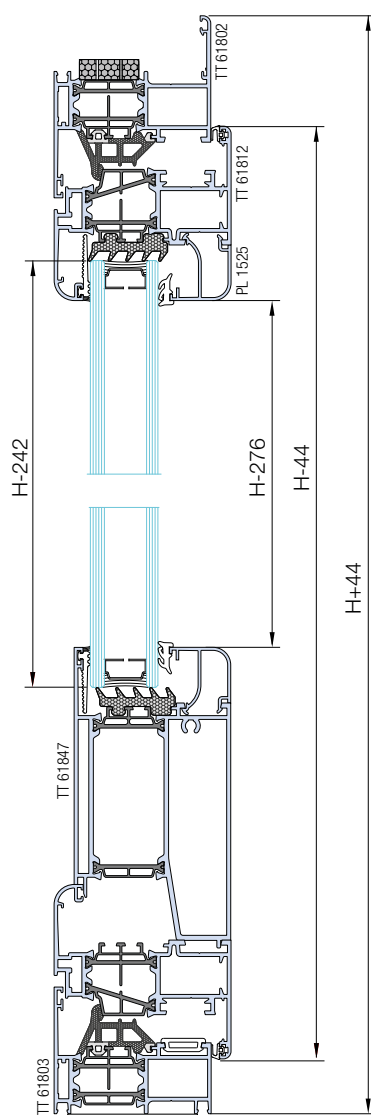
Porta finestra
1 anta

Distinta vetri

Pezzi	L	H
1	L-148	H-242



Sez. B-B



Sez. A-A

Profiles list Distinta profili

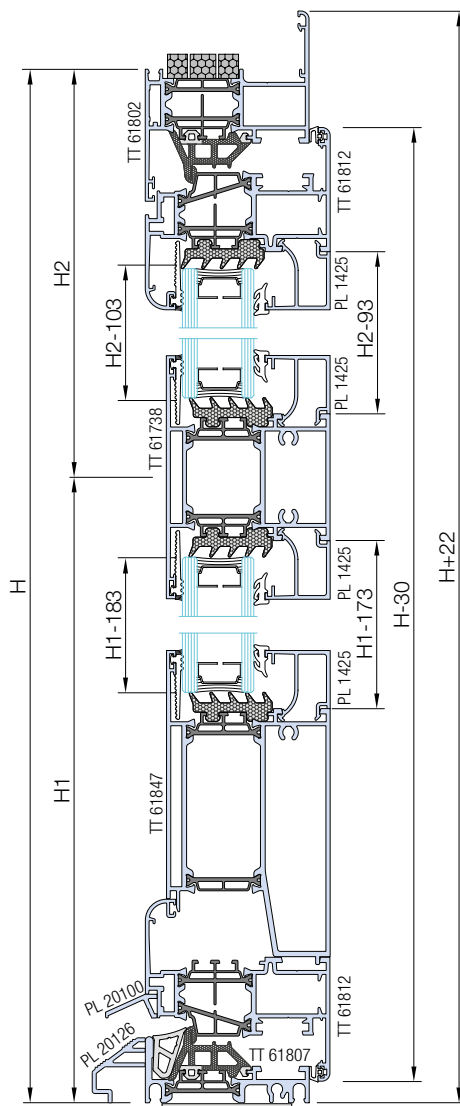
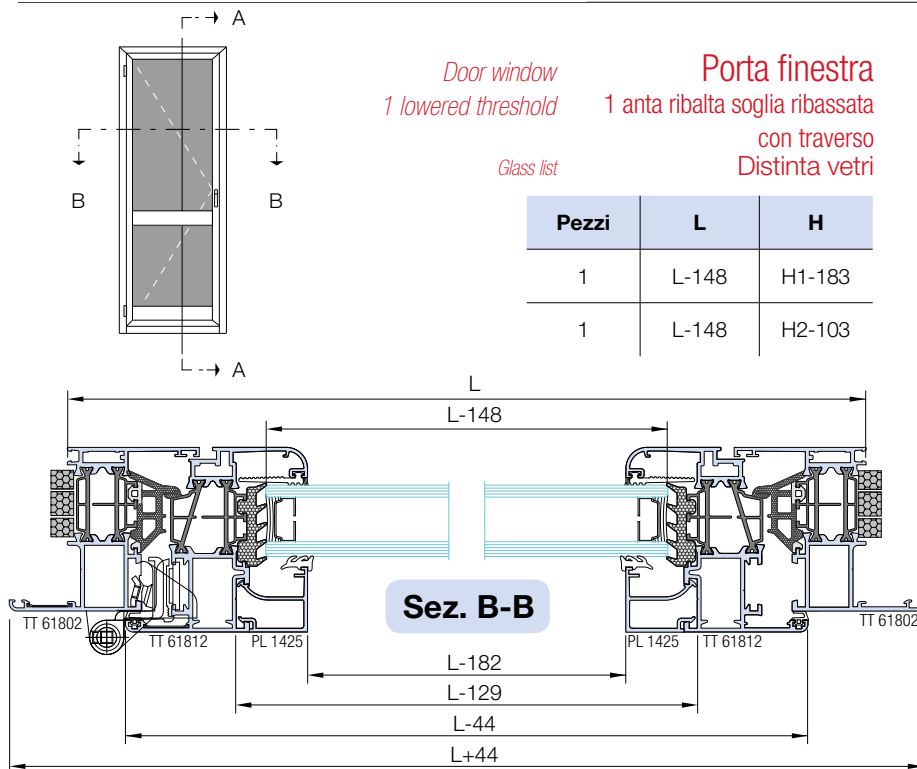
Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio superiore head transom frame	1	L+44	
	Montante telaio mullion frame	2	H+44	
61803	Traverso telaio inf. transom leaf	1	L	
TT 61812	Traverso anta mullion leaf	2	L-44	
	Montante anta transom glazing bead	2	H-44	
PL 1528	Traverso fermavetro mullion glazing bead	4	L-182	
	Montante fermavetro transom glazing bead	2	H-276	
TT 61847	Zoccolo riportato fitted base	1	L-129	

Accessories Distinta accessori

Art.	Descrizione	q.tà
ACP 5801	Squadretta Multifunzione corner cleat	8
ACP 5001	Vite per squadretta screw for corner bracket	16
ACP 5008	Squadretta allineamento inox inox corner ally	6
ACP 50110	Squadretta all. eccentrico alignment corner bracket with tightening eccentrics	4
ACP 50153	Squadretta multif. est. multi-purpose bracket	8
ACP 5030	Spina Ø3mm Ø3mm pin	16
ACP 5005	Cerniera hinge for flat frames	3
ACP 50200	Cremonese Aurora cremonese Aurora	1
ACP 50175	Chiusura finestra battente a anta assament windows set	1 kit
ACP 50536	Regolo muro obliquo wall spacer	6/8
ACP 5014	Angolini fermavetro round glazing bead angle	4
ACP 62185	Angolo vulcanizzato vulcanized corner	4

Gaskets list Distinta guarnizioni

Art.	Descrizione	Pezzi	Misura
AGP 4000 	Battuta wall seal	2 2	L-44 H-44
AGP 40131 	Sotto vetro glazing strip	2 2	L-148 H-242
AGP 5037 	Isolamento muro wall insulation	1	L
AGP 62172 	Battuta centrale central rabbet	2 2	L-124 H-124
Dipende dal vetro 	Vetro esterna external glass gasket	2 2	L-148 H-242
Dipende dal vetro 	Vetro interna internal glass gasket	2 2	L-148 H-242
AGP 4040 	Copri cava rabbet gasket	1	L-44
AGP 5034/25 	Isolamento spalla abutment insulation	2 1	H L



Distinta profili
Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio superiore <i>head transom frame</i>	1	L+44	
	Montante telaio <i>mullion frame</i>	2	H+22	
TT 61807	Soglia ribassata 25 mm <i>low threshold 25mm</i>	1	L-47	
TT 61812	Traverso anta <i>transom leaf</i>	2	L-44	
	Montante anta <i>mullion leaf</i>	2	H-30	
PL 1425	Traverso fermavetro <i>transom glazing bead</i>	4	L-182	
	Montante fermavetro <i>mullion glazing bead</i>	2	H1-173	
	Montante fermavetro <i>mullion glazing bead</i>	2	H2-93	
TT 61847	Zoccolo riportato <i>fitted base</i>	1	L-129	
PL 20126	Rinforzo soglia ribassata <i>low threshold</i>	1	L	
PL 20100	Gocciolatoio <i>drip fin</i>	1	L-110	
TT 61738	Fascia <i>crosspiece</i>	1	L-129	

Distinta guarnizioni
Gaskets list

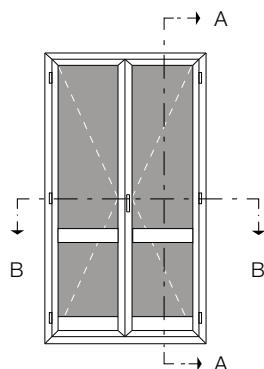
Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	2 2	L-44 H-30
AGP 40131	Sotto vetro <i>glazing strip</i>	4 2 2	L-128 H1-163 H2-83
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 62172	Battuta centrale <i>central rabbet</i>	2 2	L-124 H-114
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	4 2 2	L-148 H1-183 H2-103
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	4 2 2	L-148 H1-183 H2-103
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	2 1	H L

Distinta accessori
Accessories

Art.	Descrizione	q.tà
ACP 5801	Squadretta Multifunzione <i>corner cleat</i>	6
ACP 5001	Vite per squadretta <i>screw for corner bracket</i>	12
ACP 5008	Squadretta allineamento inox <i>inox corner alloy</i>	6
ACP 50110	Squadretta all. eccentrico <i>alignment corner bracket with tightening eccentrics</i>	4
ACP 50153	Squadretta multifunz. est. <i>multi-purpose bracket</i>	6
ACP 5030	Spina Ø3mm <i>Ø3mm pin</i>	12
ACP 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6
AGP 62185	Angolo vulcanizzato <i>vulcanized corner</i>	4
ACP 7208	Cavalotto allineamento <i>alignment clamp</i>	4
ACP 50156	Anta ribalta per telai piani <i>tilt & turn set</i>	1 kit
ACP 50176	Cremonese Aurora <i>cremonese Aurora</i>	1
ACP 5046/...	Braccio ribalta <i>tilt window arm</i>	1

DISTINTE DI TAGLIO
Cutting lists

AGP 6502	Guarnizione supplementare <i>Addition gasket</i>	1	L
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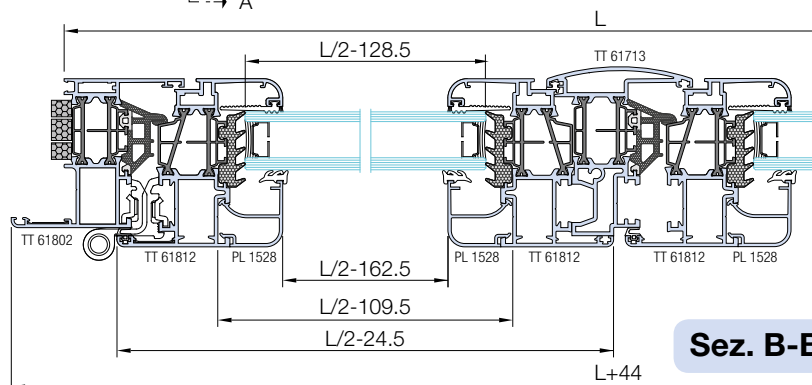
Door window
2 leaf glass door

Porta finestra
2 ante con traverso

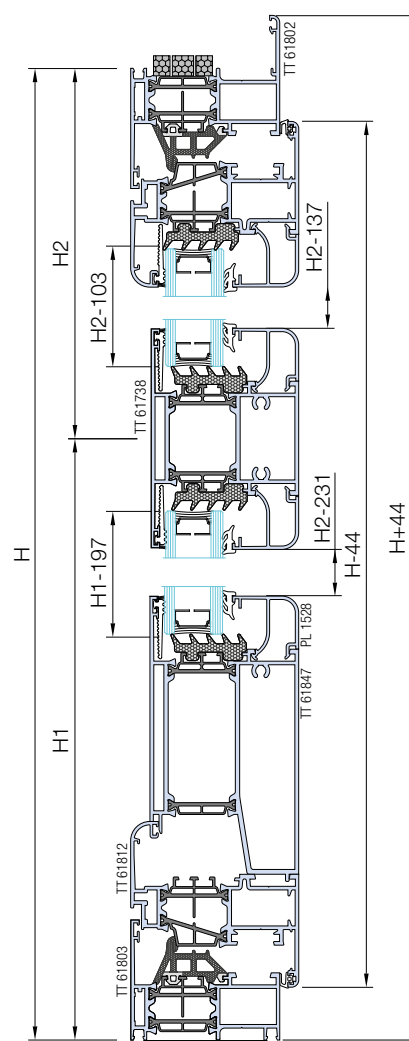
Glass list

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

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio superiore head transom frame	1	L+44	
	Montante telaio mullion frame	2	H+44	
TT 61803	Traverso telaio inf. sill transom frame	1	L	
TT 61812	Traverso anta transom leaf	4	L/2-24.5	
	Montante anta mullion leaf	4	H-44	
PL 1528	Traverso fermavetro transom glazing bead	8	L/2-162.5	
	Montante fermavetro mullion glazing bead	4	H1-231	
	Montante fermavetro mullion glazing bead	4	H2-137	
TT 61847	Zoccolo riportato fitted base	2	L/2-109.5	
TT 61713	Ripporto centrale central cap	1	H-114	
TT 61738	Fascia crosspiece	2	L/2-109.5	

Distinta accessori

Accessories

Art.	Descrizione	q.tà
ACP 5801	Squadretta Multifunzione corner cleat	12
ACP 5001	Vite per squadretta screw for corner bracket	24
ACP 5008	Squadretta allineamento inox inox corner ally	10
ACP 50110	Squadretta all. eccentrico mlignment corner bracket with tightening eccentrics	8
ACP 50153	Squadretta multifunz. est. multi-purpose bracket	12
ACP 5030	Spina Ø3m Ø3mm pin	24
ACP 5005	Cerniera hinge for flat frames	6
ACP 50200	Cremonese Aurora cremonese Aurora	1
ACP 5022	Catenacciolo bolt	2
ACP 50536	Regolo muro obliquo wall spacer	6/8
ACP 5014	Angolini fermavetro glazing bead angle	16
ACP 62185	Angolo vulcanizzato vulcanized corner	4
ACP 62180	Tappo riporto plug for central connection profile	1
ACP 7208	Cavallo allineamento alignment clamp	8
ACP 50175	Chiusura finestra battente a anta casement windows	1
ACP 5021	3a chiusura registrabile adjustable locking piece	2

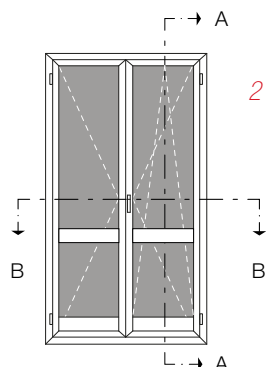
Distinte di taglio

Cutting lists

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	4 3	L/2-24.5 H-44
AGP 40131	Sotto vetro glazing strip	8 4 4	L/2-108.5 H2-83 H1-177
AGP 5037	Isolamento muro wall insulation	1	L
AGP 62172	Battuta centrale central rabbet	2 3	L-124 H-124
Dipende dal vetro	Vetro esterna external glass gasket	8 4 4	L/2-128.5 H1-197 H2-103
Dipende dal vetro	Vetro interna internal glass gasket	8 4 4	L/2-128.5 H1-197 H2-103
AGP 4006	Battuta riporto rabbet gasket	1	H-114
AGP 5034/25	Isolamento spalla abutment insulation	2 1	H L

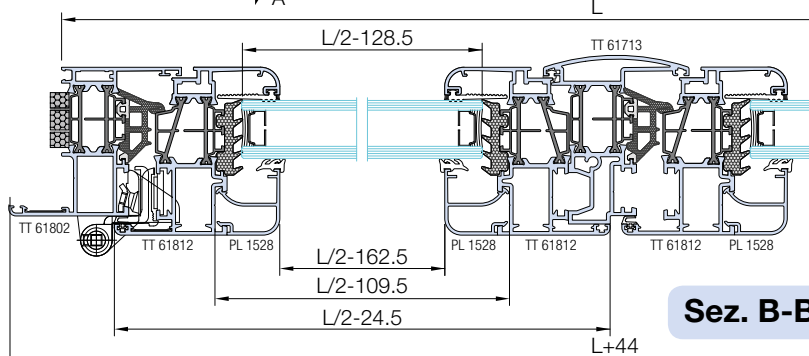


T/T Door window
2 leaf lowered threshold

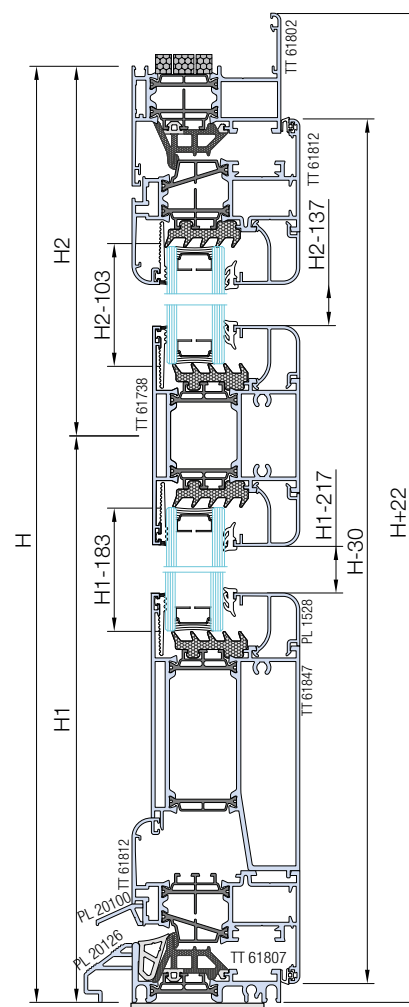
Porta finestra
2 ante ribalta soglia ribassata
con traverso
Distinta vetri

Glass list

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	q.tà	Misura	Taglio
TT 61802	Traverso telaio superiore head transom frame	1	L+44	
	Montante telaio mullion frame	2	H+22	
TT 61807	Soglia ribassata 25mm low threshold 25mm	1	L-47	
TT 61812	Traverso anta transom leaf	4	L/2-24.5	
	Montante anta mullion leaf	4	H-30	
PL 1528	Traverso fermavetro transom glazing bead	8	L/2-162.5	
	Montante fermavetro mullion glazing bead	4	H1-217	
	Montante fermavetro mullion glazing bead	4	H2-137	
TT 61847	Zoccolo riportato fitted base	2	L/2-109.5	
PL 20126	Rinforzo soglia ribassata low threshold	1	L	
PL 20100	Gocciolatoio drip fin	1	L-110	
TT 61738	Fascia crosspiece	2	L/2-109.5	
TT 61713	Ripporto centrale central cap	1	H-100	

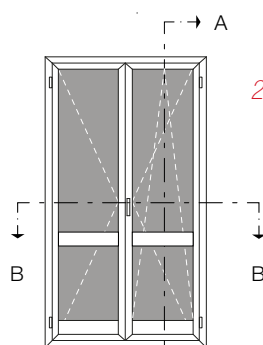
Distinta accessori
Accessories

Art.	Descrizione	q.tà
ACP 5801	Squadretta Multifunzione corner cleat	10
ACP 5001	Vite per squadretta screw for corner bracket	20
ACP 5008	Squadretta allineamento inox inox corner ally	10
ACP 50110	Squadretta all. eccentrico alignment corner bracket with tightening eccentrics	8
ACP 50153	Squadretta multifunz. est. multi-purpose bracket	10
ACP 5030	Spina Ø3mm Ø3mm pin	20
ACP 50536	Regolo muro obliquo oblique wall spacer	6
ACP 5014	Angolini fermavetro glazing bead angle	8
ACP 62185	Angolo vulcanizzato vulcanized corner	2
ACP 7208	Cavallotto allineamento alignment clamp	8
ACP 62180	Tappo riporto plug for central connection profile	1
ACP 50156	Anta ribalta per telai piani tilt & turn set	1 kit
ACP 50176	Cremonese Aurora monodir. monodir. cremonese Aurora	1
ACP 5046/...	Braccio ribalta tilt window arm	1
ACP 5043	Cerniere hinge set	1 kit
ACP 5047	Chiusura anta abbinata combined leaf latch set	1 kit

DISTINTE DI TAGLIO
Cutting lists

Distinta guarnizioni
Gaskets list

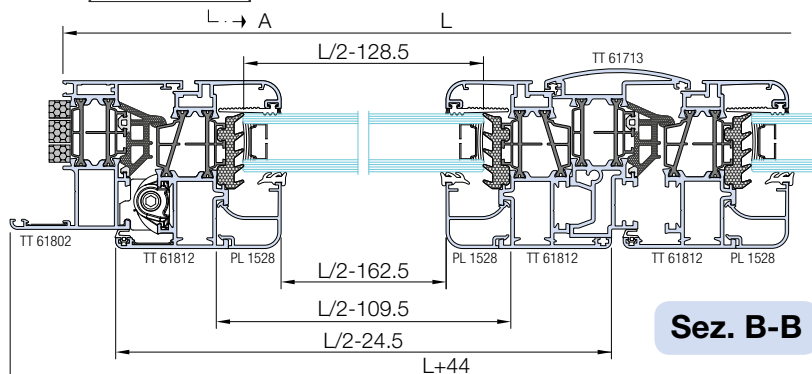
Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	4 3	L/2-24.5 H-44
AGP 40131	Sotto vetro glazing strip	8 4 4	L/2-108.5 H2-83 H1-177
AGP 5037	Isolamento muro wall insulation	1	L
AGP 62172	Battuta centrale central rabbet	2 3	L-124 H-114
Dipende dal vetro	Vetro esterna external glass gasket	8 4 4	L/2-128.5 H1-197 H2-103
Dipende dal vetro	Vetro interna internal glass gasket	8 4 4	L/2-128.5 H1-197 H2-103
AGP 4006	Battuta riporto rabbet gasket	1	H-114
AGP 6502	Guarnizione supplementare addition gasket	1	L
AGP 5034/25	Isolamento spalla abutment insulation	2	H



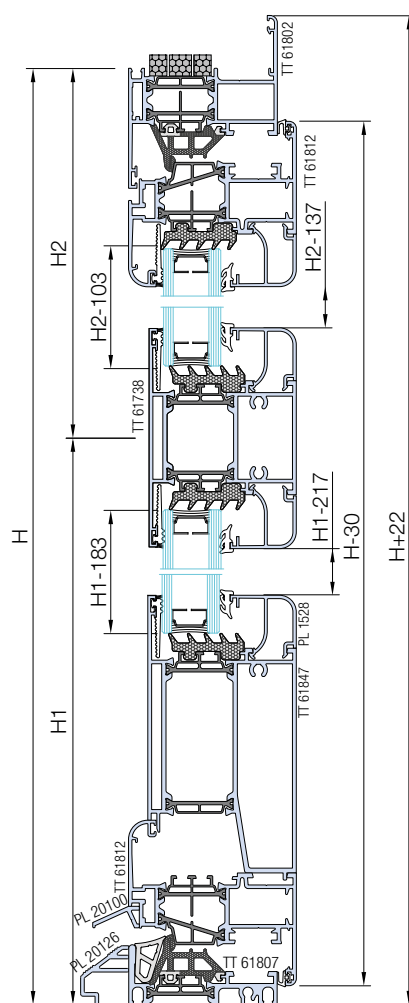
Door window
2 leaf lowered threshold
concealed hardware
Glass list

Porta finestra
2 ante ribalta soglia ribassata
con ferramenta scomparsa
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

Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio superiore head transom frame	1	L+44	
	Montante telaio mullion frame	2	H+22	
TT 61807	Soglia ribassata 25mm low threshold 25mm	1	L-47	
TT 61812	Traverso anta transom leaf	4	L/2-24.5	
	Montante anta mullion leaf	4	H-30	
PL 1528	Traverso fermavetro transom glazing bead	8	L/2-162.5	
	Montante fermavetro mullion glazing bead	4	H1-217	
	Montante fermavetro mullion glazing bead	4	H2-137	
TT 61847	Zoccolo riportato fitted base	1	L/2-109.5	
PL 20126	Rinforzo soglia ribassata low threshold	1	L	
PL 20100	Gocciolatoio drip fin	1	L-110	
TT 61738	Fascia crosspiece	2	L/2-109.5	
TT 61713	Riporto centrale central cap	1	H-100	

Distinta profili

Profiles list

Distinta accessori

Accessories

Art.	Descrizione	q.tà
ACP 5801	Squadretta Multifunzione corner cleat	10
ACP 5001	Vite per squadretta screw for corner bracket	20
ACP 5008	Squadretta allineamento inox inox corner ally	10
ACP 50110	Squadretta all. eccentrico alignment corner bracket with tightening eccentrics	8
ACP 50153	Squadretta multifunz. est. multi-purpose bracket	10
ACP 5030	Spina Ø3mm Ø3mm pin	20
ACP 50536	Regolo muro obliquo oblique wall spacer	6
ACP 5014	Angolini fermavetro glazing bead angle	16
ACP 62185	Angolo vulcanizzato vulcanized corner	4
ACP 7208	Cavalotto allineamento alignment clamp	8
ACP 62180	Tappo riporto plug for central connection profile	1
ACP 5150	Kit Anta ribalta SECRET tilt & turn set	1 kit
ACP 5160	Kit manovra tilt & turn set	1
ACP 5161	Kit cerniere anta passiva hinge for leaf	1
ACP 5157	Kit catenaccioli con manovra bolt set	1 kit
ACP 50314	Exens Aurora exens Aurora	1 kit
ACP 5158	Incontro per anta passiva keeper passive leaf	1

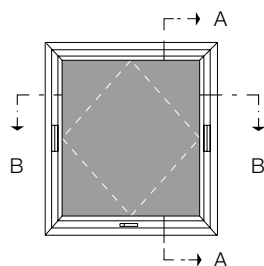
DISTINTE DI TAGLIO

Cutting lists

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	4	L/2-24.5
		3	H-44
AGP 40131	Sotto vetro glazing strip	8	L/2-108.5
		4	H2-83
		4	H1-177
AGP 5037	Isolamento muro wall insulation	1	L
AGP 62172	Battuta centrale central rabbit	2	L-124
		3	H-114
Dipende dal vetro	Vetro esterna external glass gasket	8	L/2-128.5
		4	H1-197
		4	H2-103
Dipende dal vetro	Vetro interna internal glass gasket	8	L/2-128.5
		4	H1-197
		4	H2-103
AGP 4006	Battuta riporto rabbit gasket	1	H-114
AGP 6502	Guarnizione supplementare addition gasket	1	L
AGP 5034/25	Isolamento spalla abutment insulation	2	H
		1	L



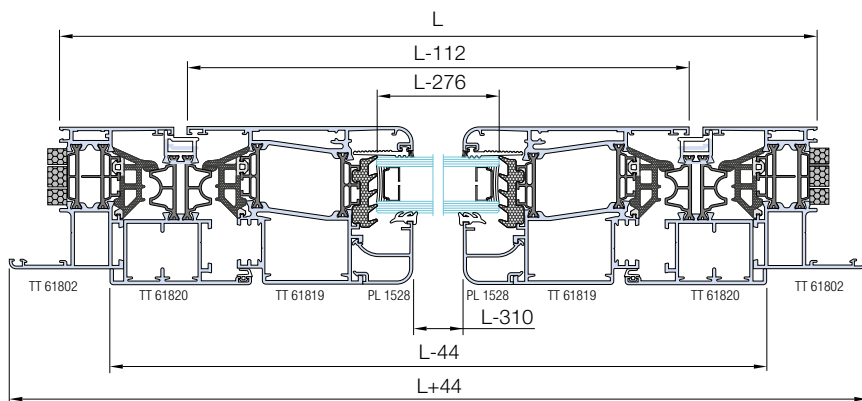
Horizontal pivot window
glazing bead solution

Bilico orizzontale

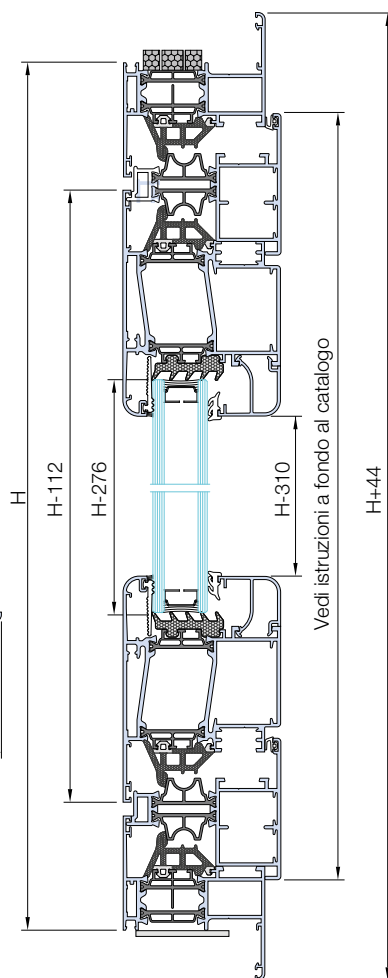
Glass list

Distinta vetri

Pezzi	L	H
1	L-276	H-276



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 61802	Traverso telaio <i>transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
TT 61819	Traverso anta <i>transom leaf</i>	2	L-112	
	Montante anta <i>mullion leaf</i>	2	H-112	
PL 1528	Traverso fermavetro <i>transom glazing bead</i>	2	L-310	
	Montante fermavetro <i>mullion glazing bead</i>	2	H-310	
TT 61820	Traverso inversione <i>transom</i>	2	L-44	
	Montante inversione <i>mullion</i>	Vedi istruzioni a fondo catalogo		

Distinta accessori

Accessories

Art.	Descrizione	q.tà
ACP 5801	Squadretta Multifunzione <i>corner cleat</i>	8
ACP 5008	Squadretta allineamento inox <i>inox corner ally</i>	8
ACP 50110	Squadretta all. eccentrico <i>alignment corner bracket with tightening eccentrics</i>	4
ACP 50153	Squadretta multif. est. <i>multi-purpose bracket</i>	4
ACP 5030	Spina Ø3mm <i>Ø3mm pin</i>	16
ACP 50154	Squadretta multif. maxi est. <i>multi-purpose bracket</i>	4
ACP 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6/8
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	4
ACP 5092	Frizione bilico <i>friction joint for horizontal pivot window</i>	1 kit
ACP 5802	Squadretta multifunzionale <i>multi-purpose bracket</i>	4
ACP 62185	Angolo vulcanizzato <i>vulcanized corner piece</i>	4
ACP 5094	Spessore <i>shim</i>	2
ACP 5001	Vite per squadretta <i>screw for corner bracket</i>	24
ACP 50252	Martellina <i>martellina</i>	1
ACP 50158	Chiusura 6 punti bilico <i>6 points horizontal pivot window</i>	1 kit
ACP 50267	Meccanismo martellina <i>martellina mechanism</i>	1
ACP 50268	Perno per 50267 <i>pin for 50267</i>	2
ACP 50119	Kit tappi invers. bilico orizzont. <i>horizontal pivot plugs</i>	1 kit

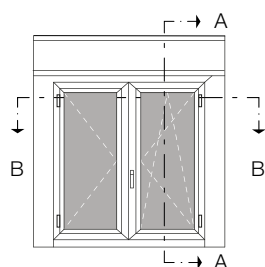
DISTINTE DI TAGLIO

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	Sotto vetro <i>glazing strip</i>	2	L-256
		2	H-256
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 62172	Battuta centrale <i>central rabbet</i>	2	L-112
		2	H-112
		2	L-144
		2	H-144
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	2	L-276
		2	H-276
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	2	L-276
		2	H-276
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	2	H
		1	L



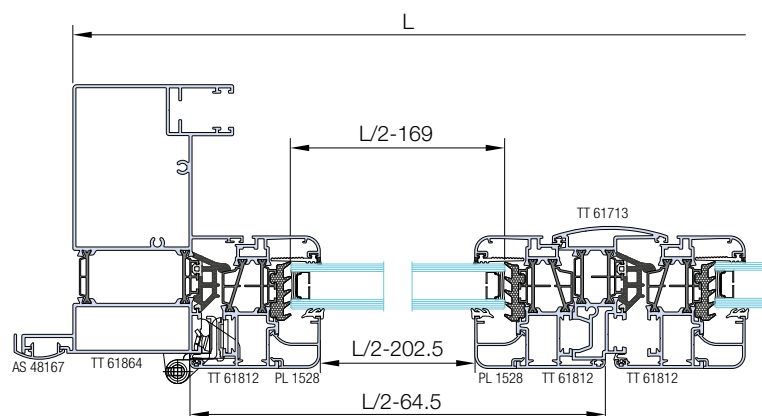
T/T 2 leaf
monoblock window

Glass list

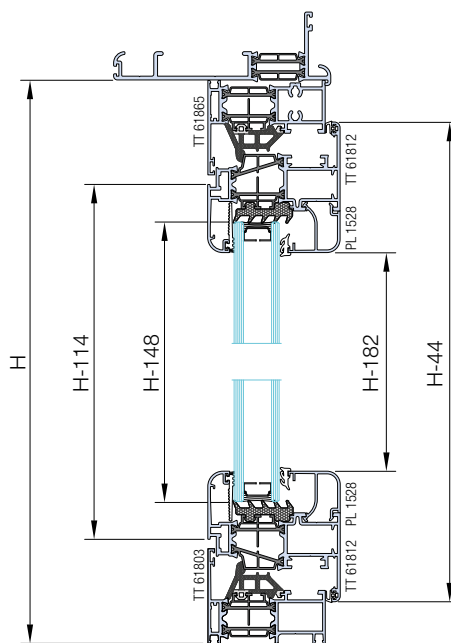
Monoblocco
2 ante ribalta

Distinta vetri

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



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 61803	Traverso telaio inferiore sill transom frame	1	L-128	
TT 61865	Traverso telaio superiore head transom frame	1	L-128	
TT 61864	Montante telaio mullion frame	2	H	
TT 61812	Traverso anta transom leaf	4	L/2-64.5	
	Montante anta mullion bead	4	H-44	
PL 1528	Traverso fermavetro transom glazing bead	4	L/2-202.5	
	Montante fermavetro mullion glazing bead	4	H-182	
TT 61813	Riporto centrale central cap	1	H-114	
TT 61166	Celino monoblocco monobloc celino	1	L	

Distinta accessori

Accessories

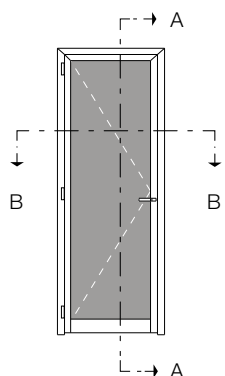
Art.	Descrizione	q.tà
ACP 5801	Squadretta Multifunzione corner cleat	8
ACP 5008	Squadretta allineamento inox inox corner allay	8
ACP 50110	Squadretta all. eccentrico alignment corner bracket with tightening eccentrics	8
ACP 50153	Squadretta multifunz. est. multi-purpose bracket	8
ACP 5030	Spina Ø3mm Ø3mm pin	16
ACP 5043	Kit cerniera anta passiva hinge set	1 kit
ACP 50156	Kit anta ribalta tilt & turn set	1 kit
ACP 5047	Catenaccioli bolt	1 kit
ACP 5014	Angolini fermavetro glazing bead angle	8
ACP 62180	Tappo riporto plug for central connection profile	1 cp
AGP 62185	Angolo vulcanizzato vulcanized corner	2
ACP 5046/...	Braccio anta ribalta tilt window armscrew	2
ACP 5001	Vite per squadretta screw for corner bracket	16
ACP 50176	Cremonese aurora monodir. monodir. cremonese aurora	1 kit

Distinte di taglio

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	4 3	L/2-64.5 H-44
AGP 40131	Sotto vetro glazing strip	4 4	L/2-149 H-128
AGP 5037	Isolamento muro wall insulation	1	L
AGP 62172	Battuta centrale central rabbet	2 2	L-198 H-124
Dipende dal vetro	Vetro esterna external glass gasket	4 4	L/2-169 H-148
Dipende dal vetro	Vetro interna internal glass gasket	4 4	L/2-169 H-148
AGP 4006	Battuta riporto rabbet gasket	1	H-114



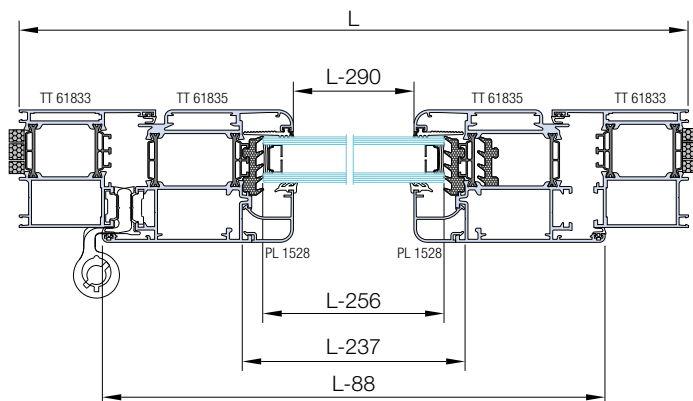
Open out
1 leaf entrance door

Glass list

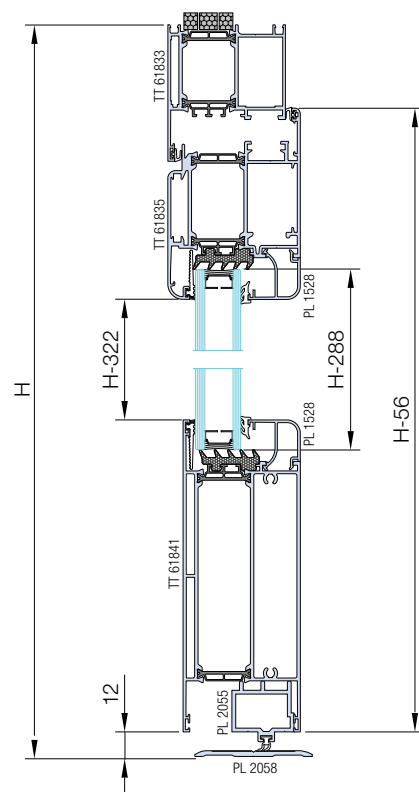
Portoncino
1 anta ap. interna

Distinta vetri

Pezzi	L	H
1	L-256	H-288



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 61833	Traverso telaio <i>transom frame</i>	1	L	
	Montante telaio H <i>mullion H frame</i>	2	H	
TT 61835	Traverso anta <i>transom leaf</i>	1	L-88	
	Montante anta <i>mullion leaf</i>	2	H-56	
PL 1528	Traverso fermavetro <i>transom glazing bead</i>	2	L-290	
	Montante fermavetro <i>mullion glazing bead</i>	2	H-322	
TT 61841	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 sill</i>	1	L-100	

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	1	L-134
		1	L-88
		2	H-62
		2	H-44
AGP 40131	Sotto vetro <i>glazing strip</i>	2	L-236
		2	H-261
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	2	H
		1	L
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	2	L-256
		2	H-288
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	2	L-256
		2	H-288
AGP 7202	Guarnizione sottoporta <i>underdoor gasket</i>	1	L-100

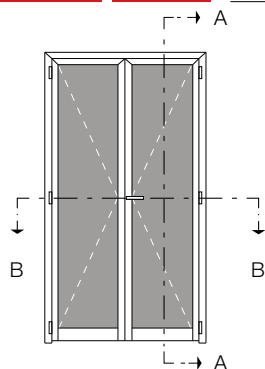
Distinta accessori

Accessories

Art.	Descrizione	q.tà
ACP 9918	Cerniera due ali <i>2-wing strong hinge</i>	3
ACP 5802	Squadretta Multifunzione <i>multi-purpose bracket</i>	4
ACP 5008	Squadretta allineamento inox <i>inox corner ally</i>	2
ACP 50154	Squadretta multif. est. <i>multi-purpose bracket</i>	4
ACP 5030	Spina Ø3mm <i>Ø3mm pin</i>	8
ACP 50239	Doppia maniglia <i>double handle</i>	1 cp
ACP 50110	Squadretta allineamento <i>allignment corner joint</i>	2
ACP 5036	Regolo muro <i>wall spacer</i>	6/8
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	4
ACP 5001	Vite per squadretta <i>screw for corner bracket</i>	8
ACP 99124	Cover cerniera ACP 9918 <i>cover for ACP 9918</i>	3
ACP 99125	Piastrino registrabile <i>adjustable plate</i>	1
ACP 6272	Tappo sottoporta per TT 61835 <i>underdoor plug</i>	1 cp

DISTINTE DI TAGLIO

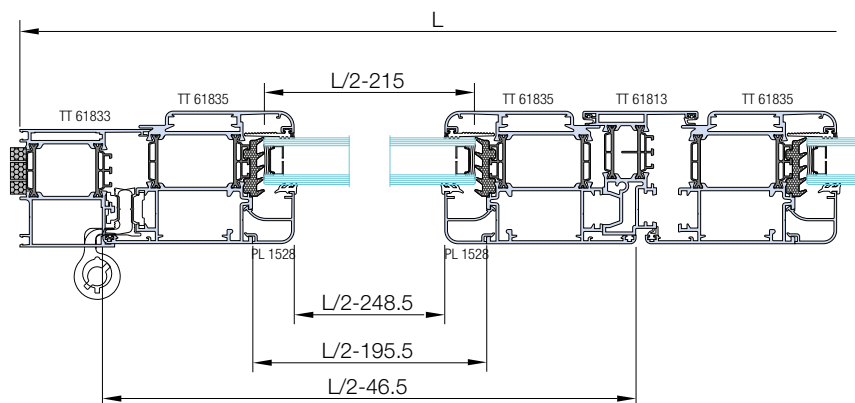
Cutting lists



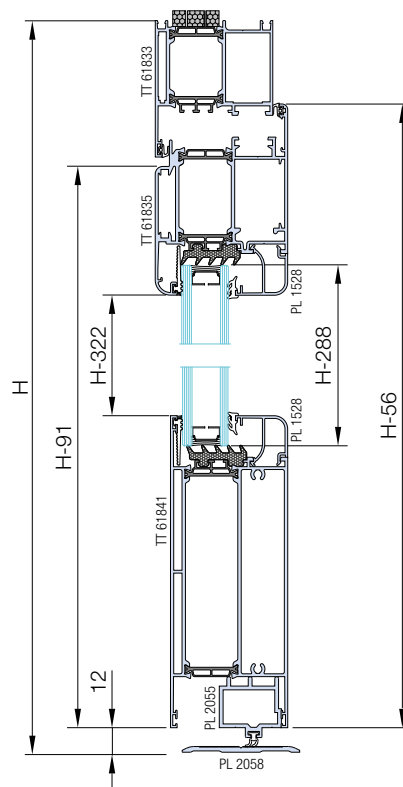
Open in
2 leaf entrance door
Glass list

Portoncino
2 ante ap. interna
Distinta vetri

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



Sez. B-B



Sez. A-A

Profilo list
Distinta profili

Art.	Descrizione	q.tà	Misura	Taglio
TT 61833	Traverso telaio transom frame	1	L	
	Montante telaio H mullion H frame	2	H	
TT 61835	Traverso anta transom leaf	2	L/2-46.5	
	Montante anta mullion leaf	4	H-56	
PL 1528	Traverso fermavetro transom glazing bead	4	L/2-248.5	
	Montante fermavetro mullion glazing bead	4	H-322	
TT 61813	Riporto centrale astragal	1	H-91	
TT 61841	Zoccolo fitted base	2	L/2-195.5	
PL 2055	Porta spazzolino brush holder	2	L/2-195.5	
PL 2058	Soglia calpestabile treadable sill	1	L-100	

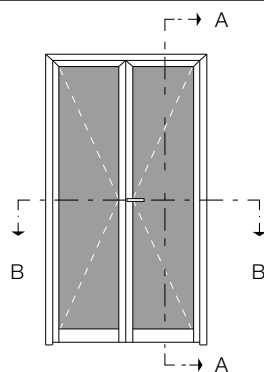
Accessories
Distinta accessori

Art.	Descrizione	q.tà
ACP 9918	Cerniera due ali 2-wing strong hinge	6
ACP 5802	Squadretta Multifunzione multi-purpose bracket	6
ACP 5008	Squadretta allineamento inox inox corner ally	4
ACP 50154	Squadretta multif. est. multi-purpose bracket	6
ACP 5030	Spina Ø3mm Ø3mm pin	12
ACP 50239	Doppia maniglia double handle	1 cp
ACP 50110	Squadretta allineamento allignement corner joint	4
ACP 5036	Regolo muro wall spacer	6/8
ACP 5014	Angolini fermavetro glazing bead angle	8
ACP 99124	Cover cerniera ACP 9918 cover for ACP 9918	6
ACP 99125	Piastrino registrabile adjustable plate	2
ACP 6272	Tappo sottoporta plug	2 cp
ACP 5001	Vite per squadretta screw for corner bracket	12
ACP 5022	Catenacciolo bolt	1 cp
ACP 5081	Incontro asta single rod keeper	1
ACP 62178	Tappo riporto underdoor plug	1 cp
ACP 6274	Tappo sottoporta plug	1 cp

Distinte di taglio
Cutting lists

Distinta guarnizioni
Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	2	L/2-46.5
		1	L-124
		6	H-56
AGP 40131	Sotto vetro glazing strip	4	L/2-195
		4	H-268
AGP 5034/25	Isolamento spalla abutment insulation	2	H
		1	L
Dipende dal vetro	Vetro esterna external glass gasket	4	L/2-215
		4	H-288
Dipende dal vetro	Vetro interna internal glass gasket	4	L/2-215
		4	H-288
AGP 7202	Guarnizione sottoporta underdoor gasket	1	L-100
AGP 4005	Battuta riporto rabbet gasket	1	H-91



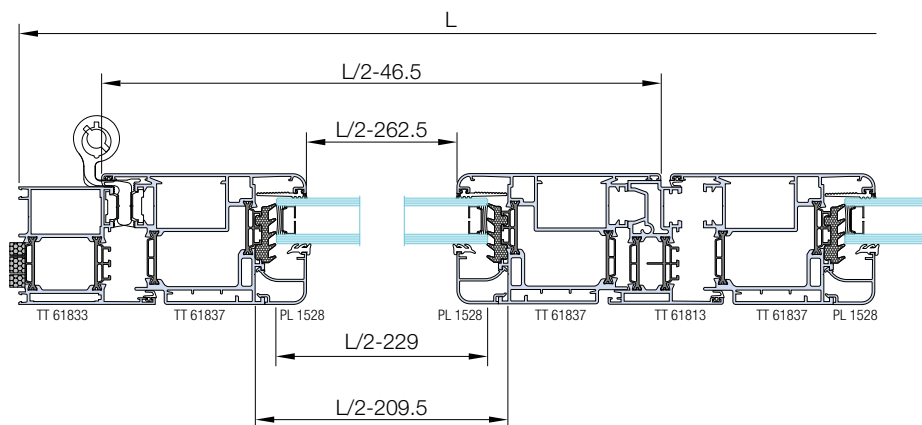
Open out
2 leaf entrance door

Glass list

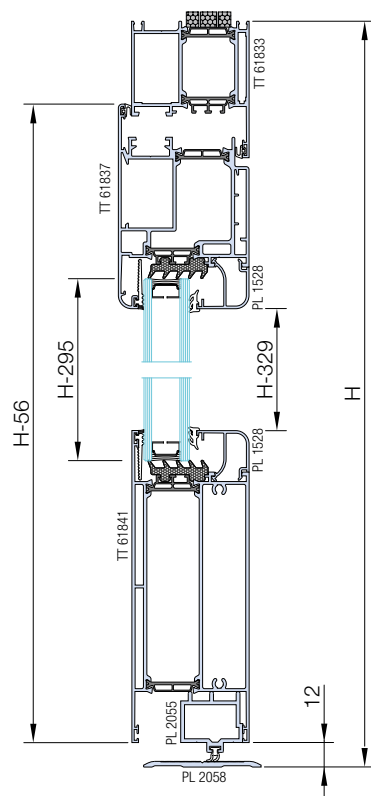
Portoncino
2 ante ap. esterna

Distinta vetri

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



Sez. B-B



Sez. A-A

Profiles list Distinta profili

Art.	Descrizione	q.tà	Misura	Taglio
TT 61833	Traverso telaio <i>transom frame</i>	1	L	
	Montante telaio <i>mullion frame</i>	2	H	
TT 61837	Traverso anta <i>transom leaf</i>	2	L/2-46.5	
	Montante anta <i>mullion leaf</i>	4	H-56	
PL 1528	Traverso fermavetro <i>transom glazing bead</i>	4	L/2-262.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H-329	
TT 61813	Riporto centrale <i>astragal</i>	1	H-91	
TT 61841	Zoccolo <i>fitted base</i>	1	L/2-209.5	
PL 2055	Porta spazzolino <i>brush holder</i>	1	L/2-209.5	
PL 2058	Soglia calpestabile <i>treadable sill</i>	1	L-100	

Accessories Distinta accessori

Art.	Descrizione	q.tà
ACP 9918	Cerniera due ali <i>2-wing strong hinge</i>	6
ACP 5802	Squadretta Multifunzione <i>multi-purpose bracket</i>	6
ACP 5008	Squadretta allineamento inox <i>inox corner ally</i>	4
ACP 50154	Squadretta cianfrinare est. <i>multi-purpose bracket</i>	6
ACP 5030	Spina Ø3mm <i>Ø3mm pin</i>	12
ACP 50239	Doppia maniglia <i>double handle</i>	1 cp
ACP 50110	Squadretta allineamento <i>alignment corner joint</i>	4
ACP 5036	Regolo muro <i>wall spacer</i>	6/8
ACP 5014	Angolini fermavetro <i>glazing bead angle</i>	8
ACP 5001	Vite per squadretta <i>screw for corner bracket</i>	12
ACP 5022	Catenacciolo <i>bolt</i>	1 cp.
ACP 5081	Incontro asta <i>single rod keeper</i>	1
ACP 99124	Cover cerniera ACP 9918 <i>cover for ACP 9918</i>	6
ACP 99125	Piastrino registrabile <i>adjustable plate</i>	2
ACP 6273	Tappo sottoporta per TT 61837 <i>plug</i>	2 cp
ACP 6274	Tappo sottoporta per TT 61813 <i>underdoor plug</i>	1cp
ACP 62178	Tappo riporto <i>plug</i>	1 cp

DISTINTE DI TAGLIO
Cutting lists

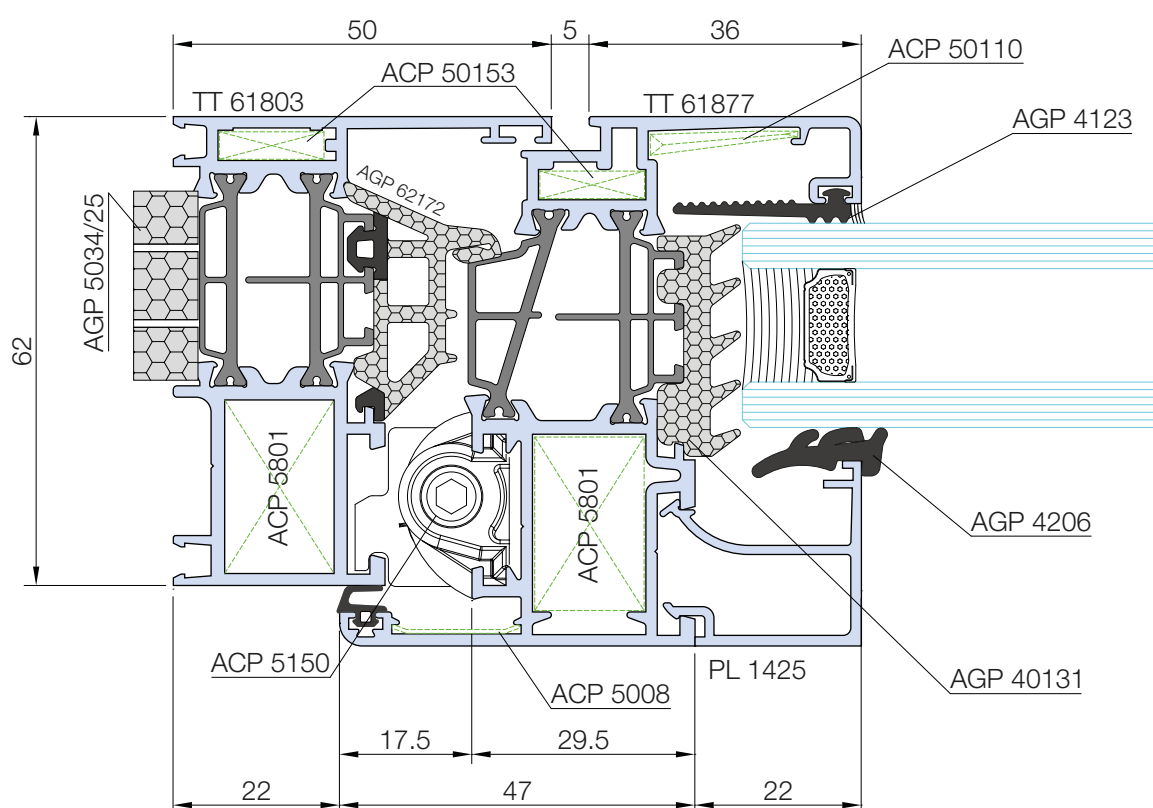
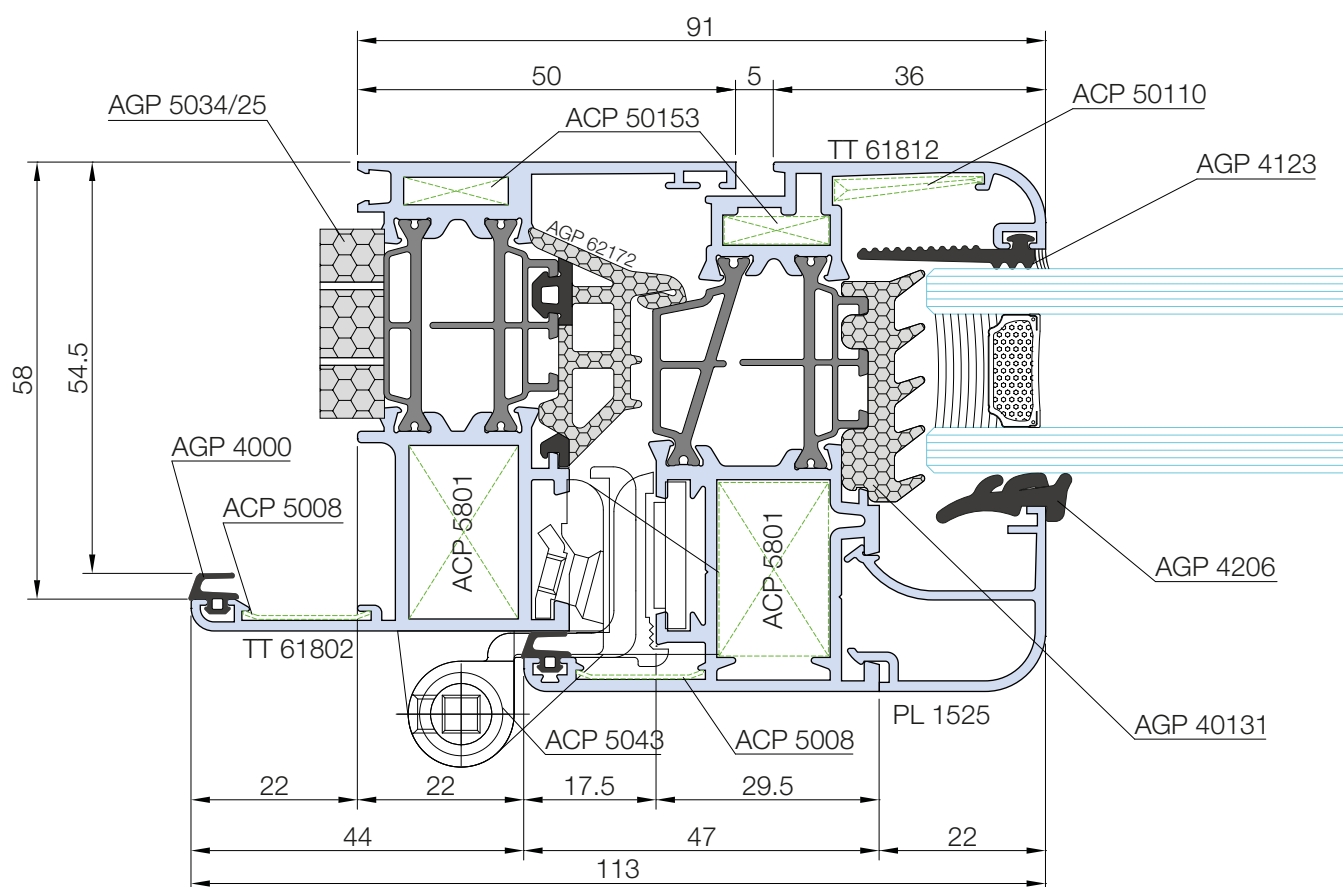
Gaskets list Distinta guarnizioni

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	2	L/2-46.5
		1	L-124
		6	H-44
AGP 40131	Sotto vetro <i>glazing strip</i>	4	L/2-208.5
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	4	H-261
		4	H-261
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	2	H
		1	L
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	4	L/2-229
		4	H-295
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	4	L/2-229
		4	H-295
AGP 7202	Guarnizione sottoporta <i>underdoor gasket</i>	1	L
AGP 4005	Battuta riporto <i>rabbit gasket</i>	1	H-91

NODO 01

Apertura interna - finestra a battente - nodo laterale

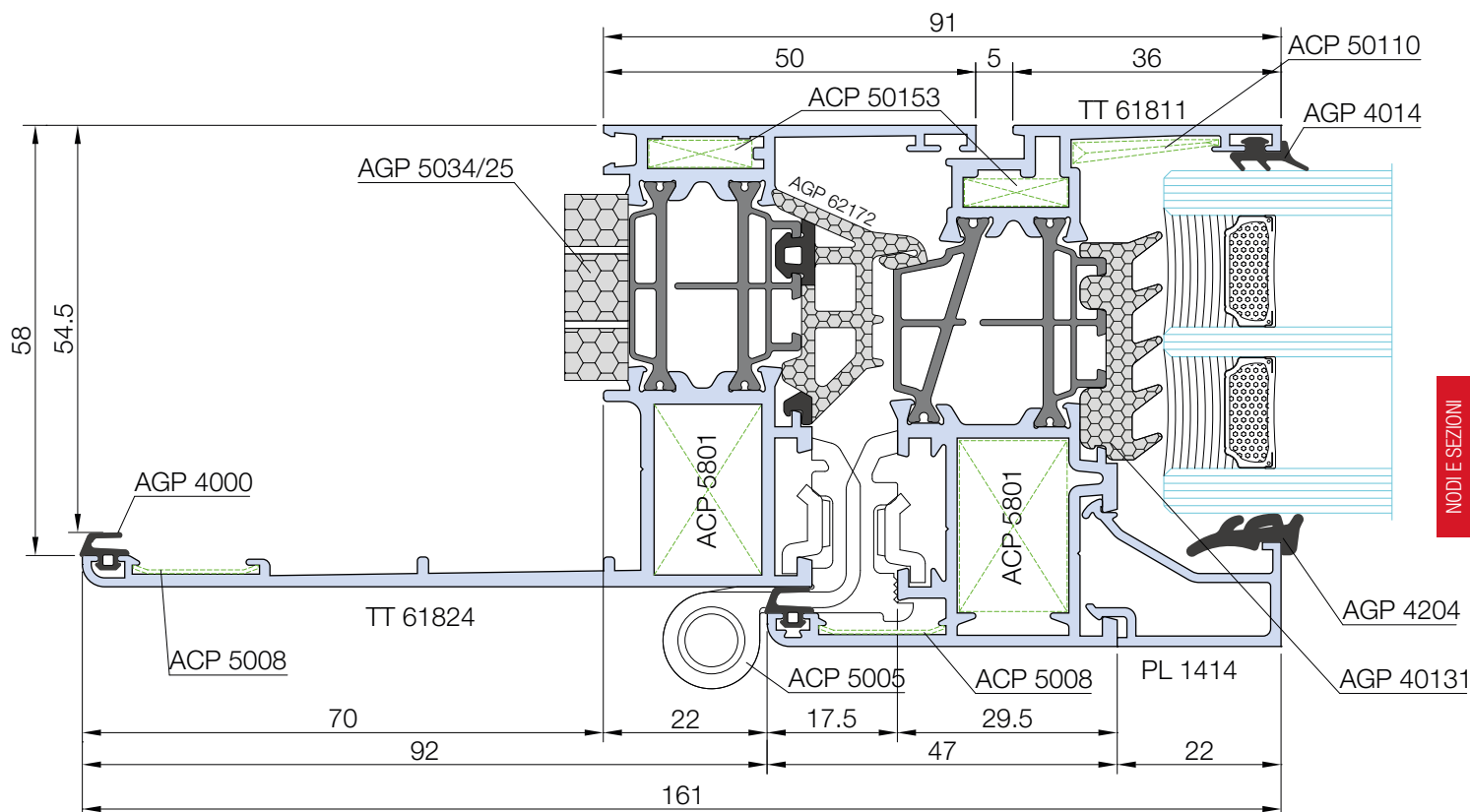
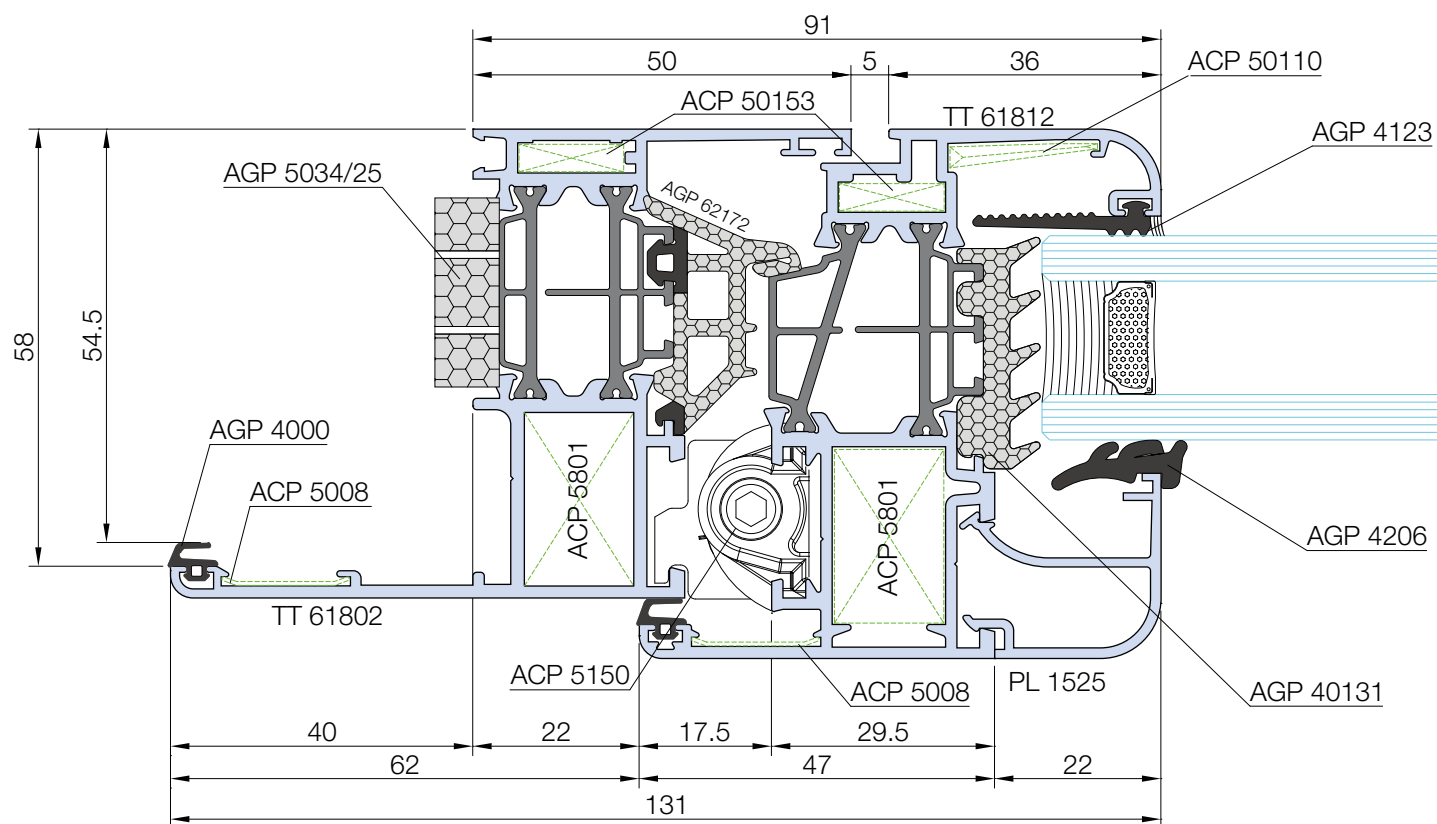
Inward opening - casement window - lateral section



NODO 02

Apertura interna - finestra a battente - nodo laterale

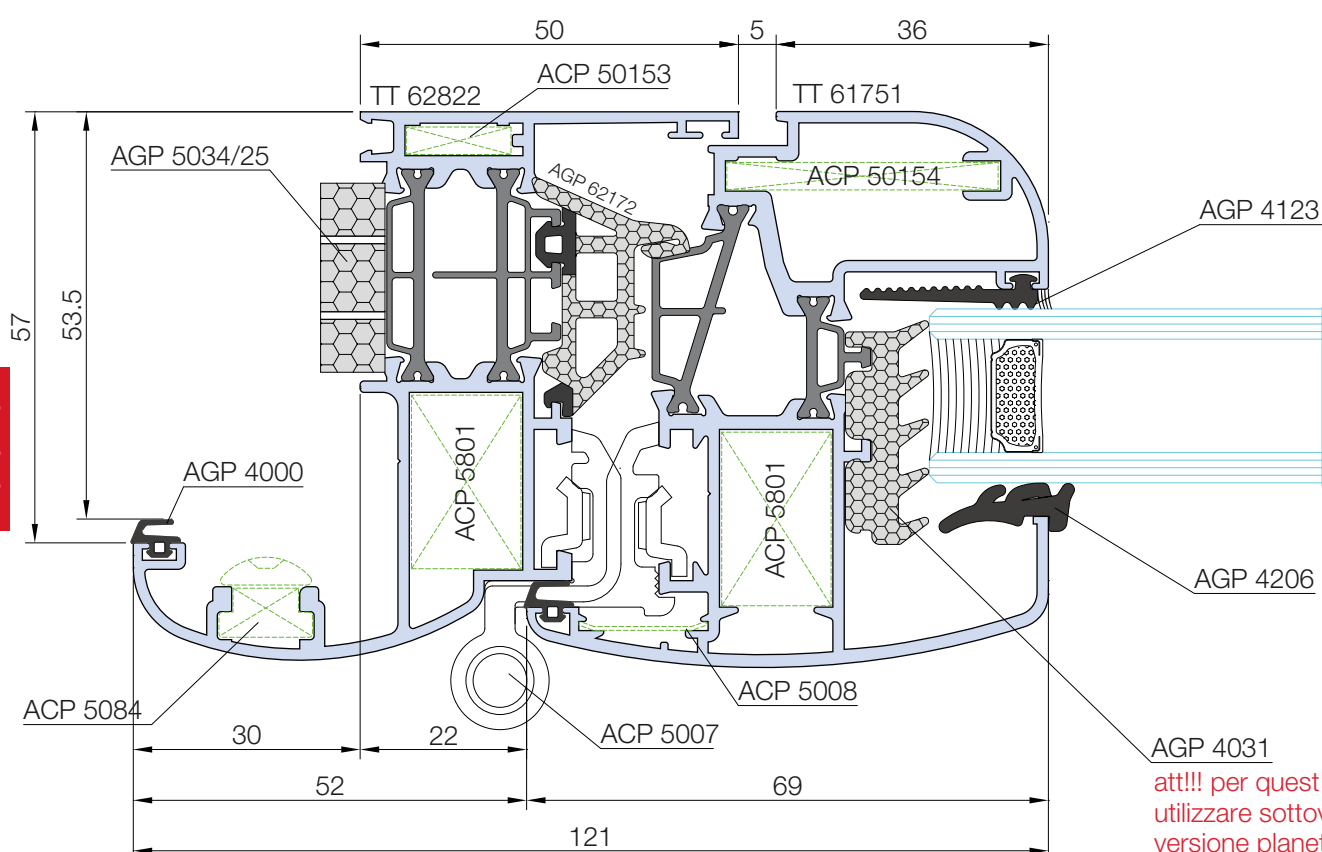
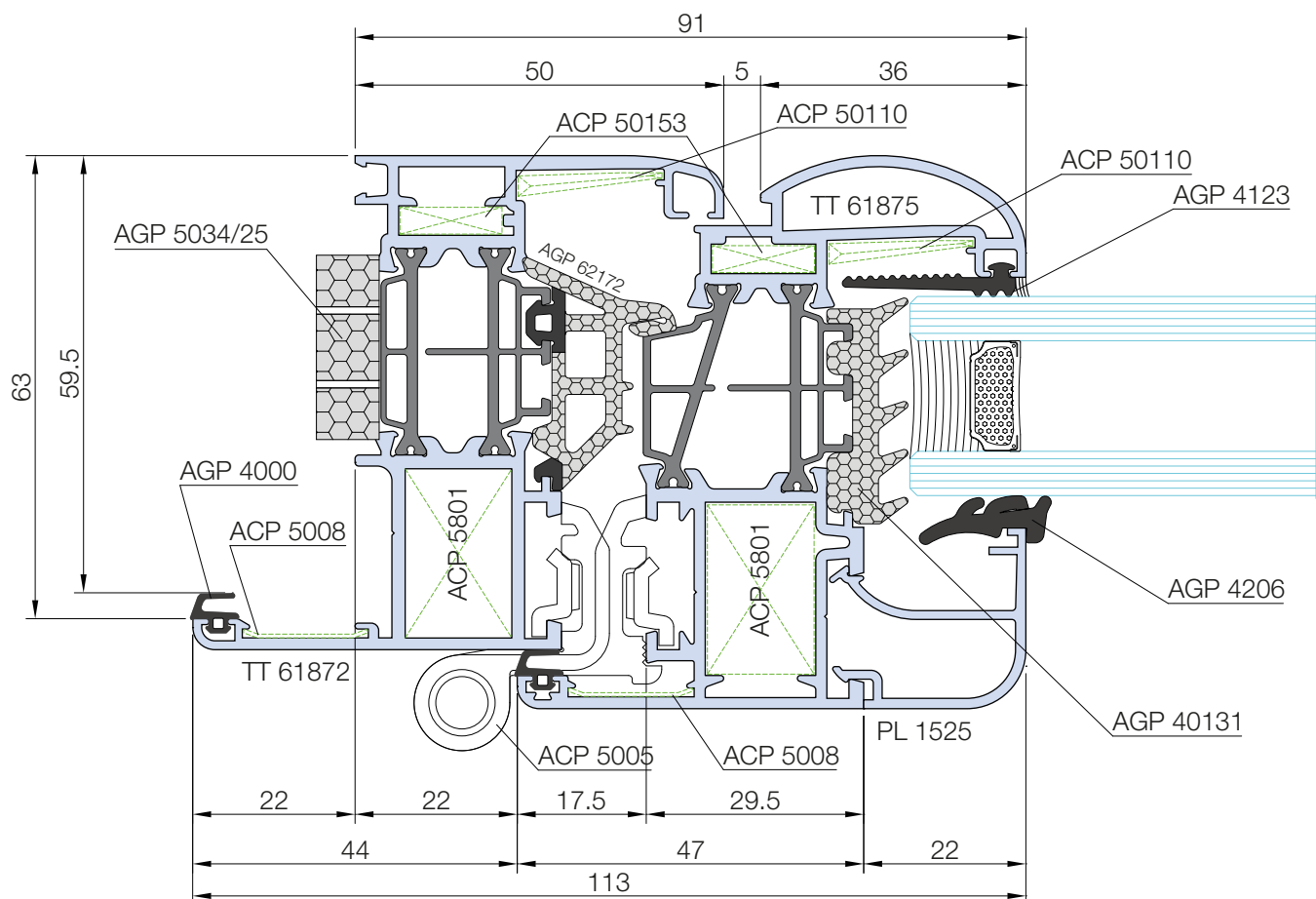
Inward opening - casement window - lateral section



NODO 03

Apertura interna - finestra a battente - nodo laterale

Inward opening - casement window - lateral section

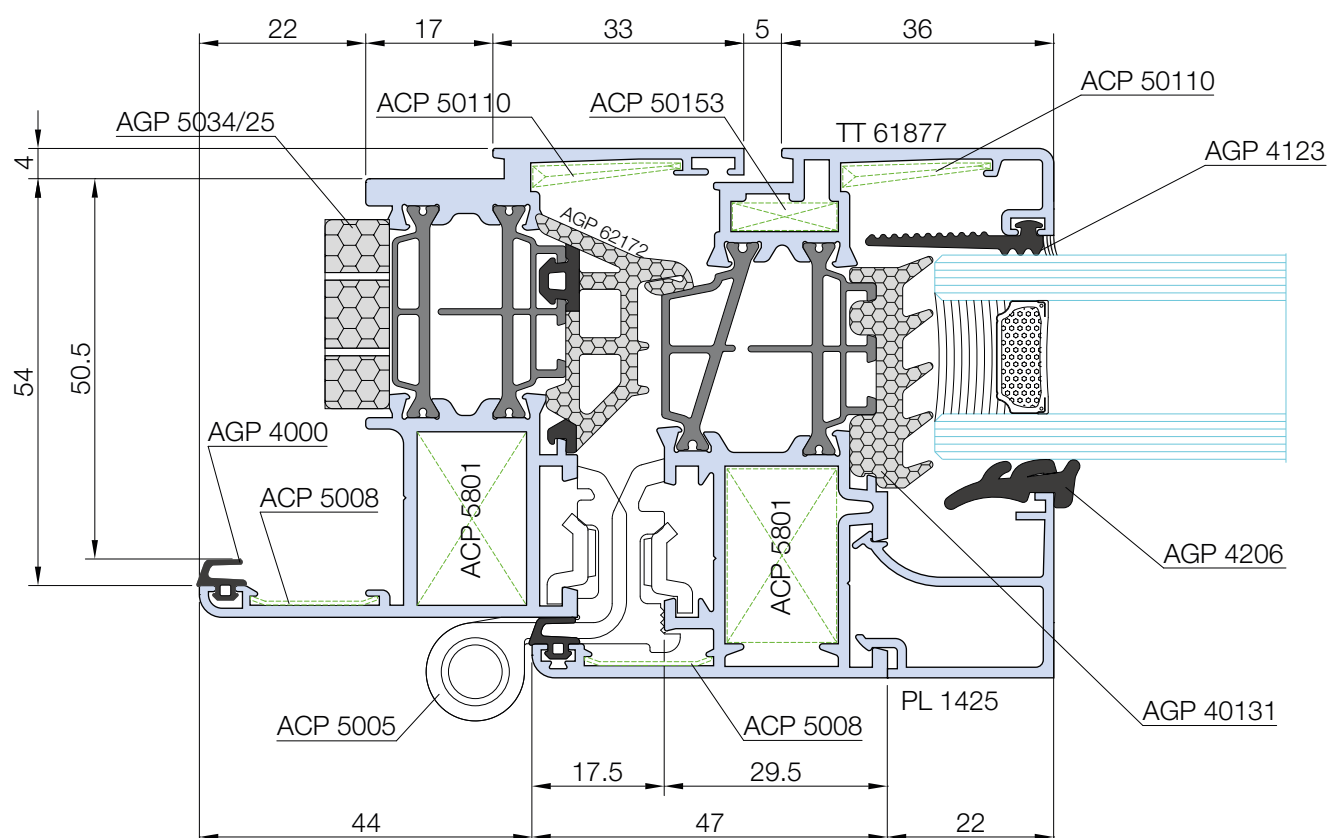
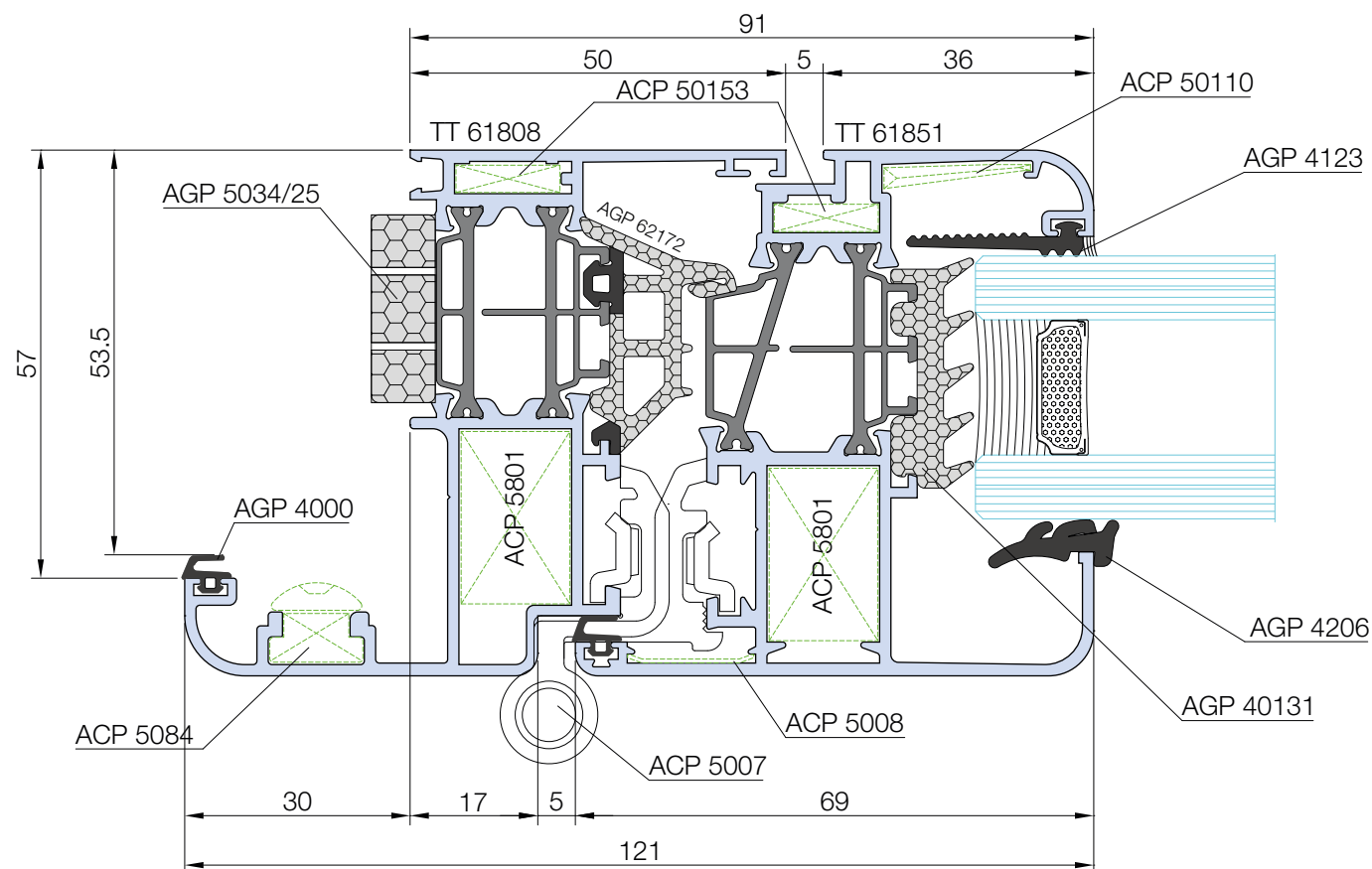


att!!! per quest'anta
utilizzare sottovetro
versione planet 62TT

NODO 04

Apertura interna - finestra a battente - nodo laterale

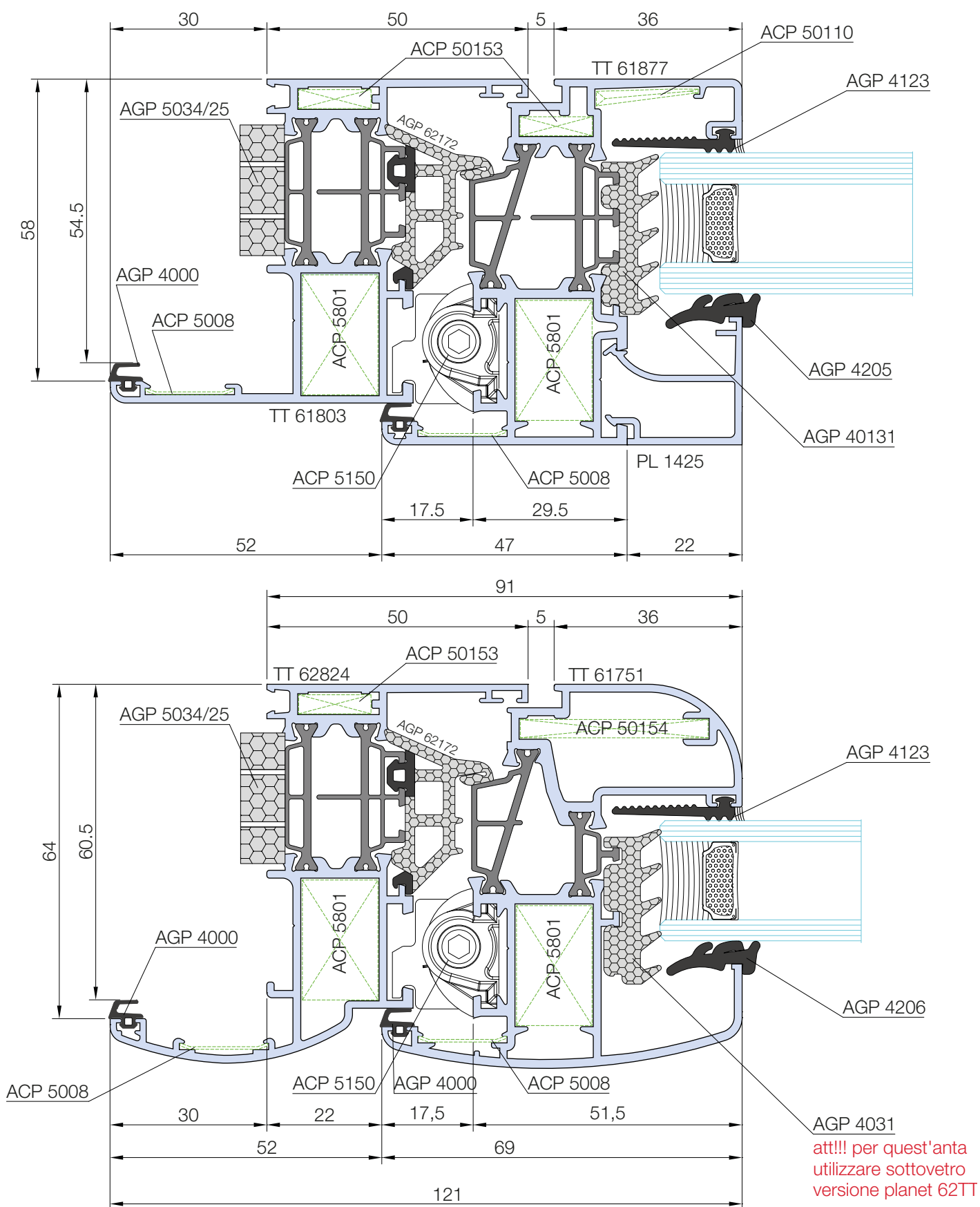
Inward opening - casement window - lateral section



NODO 05

Apertura interna - finestra a battente - nodo laterale - ferramenta Secret

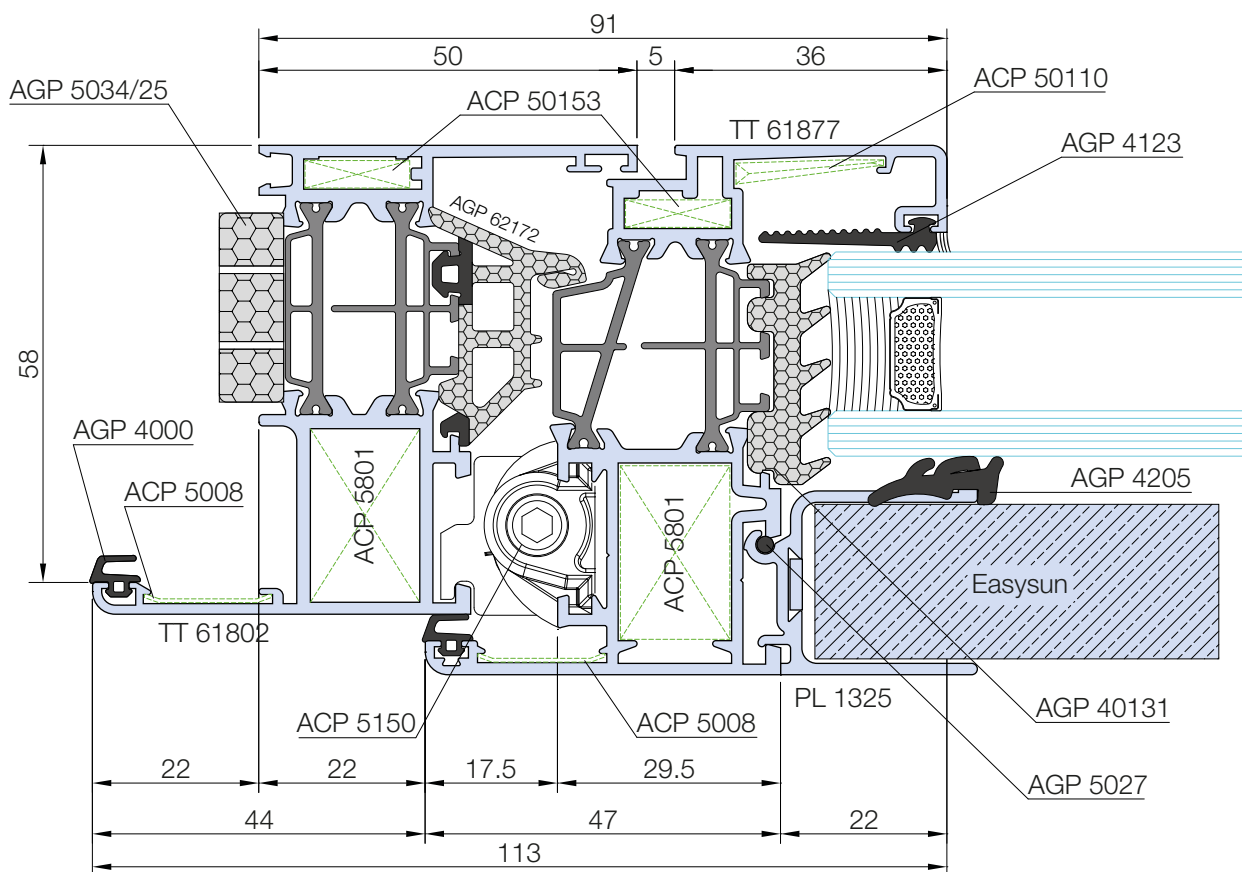
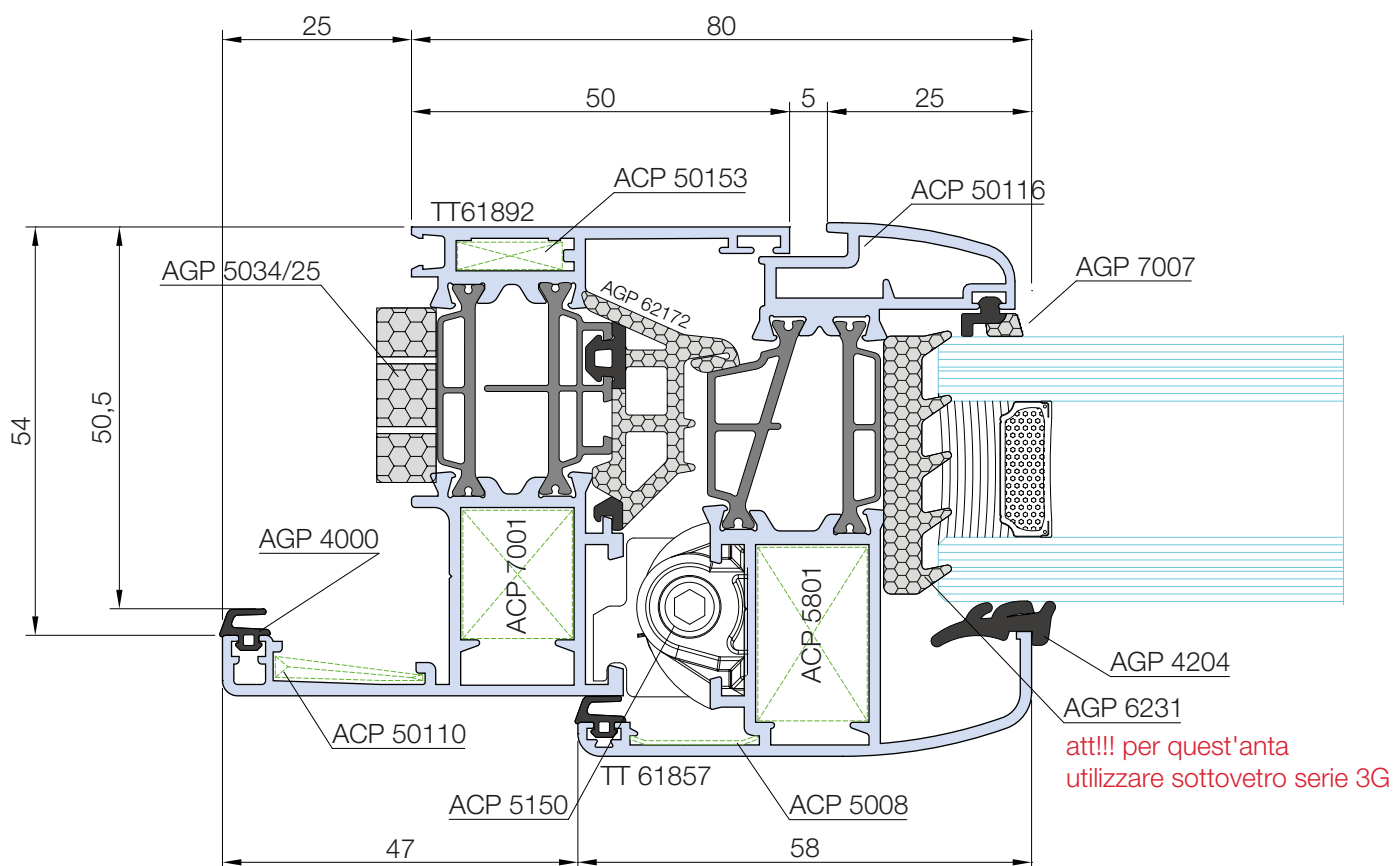
Inward opening - casement window - lateral section - Secret fitting



NODO 06

Apertura esterna - finestra a battente - nodo laterale - ferramenta Secret - oscurante integrato Easysun

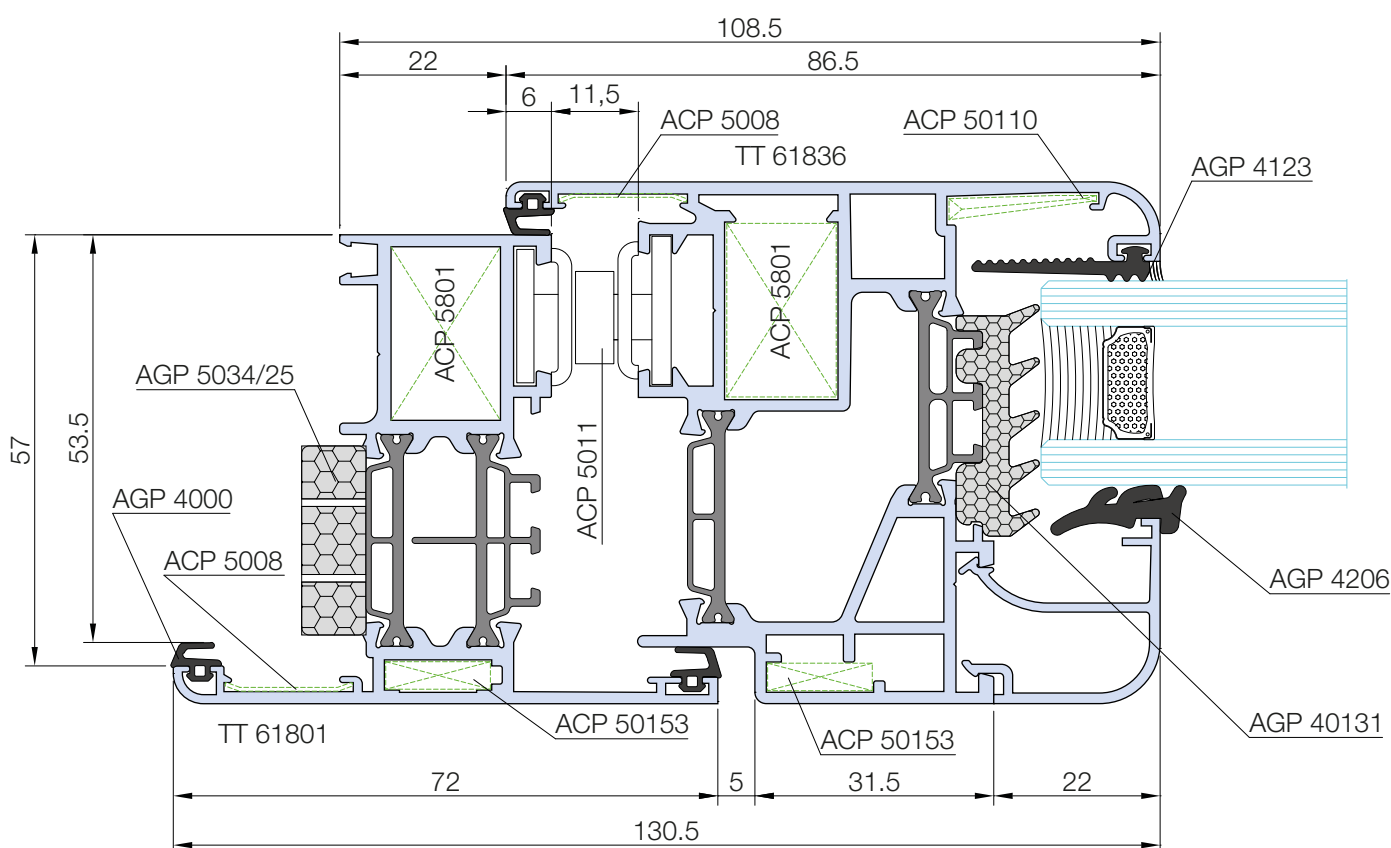
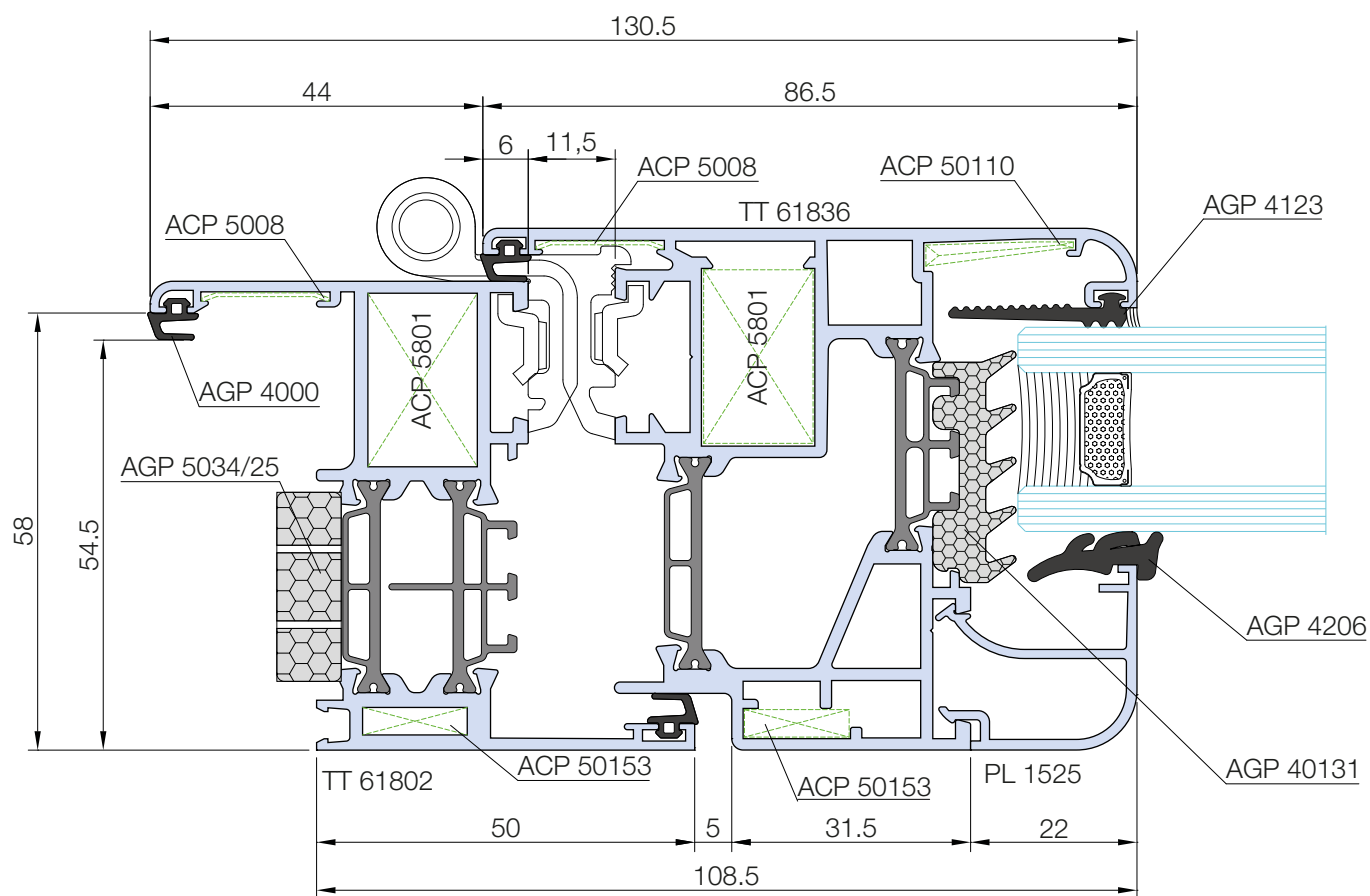
Outward opening - casement window - lateral section - Secret fitting - inbuilt Easysun shade



NODO 07

Apertura esterna - finestra a battente - nodo laterale

Outward opening - casement window - lateral section

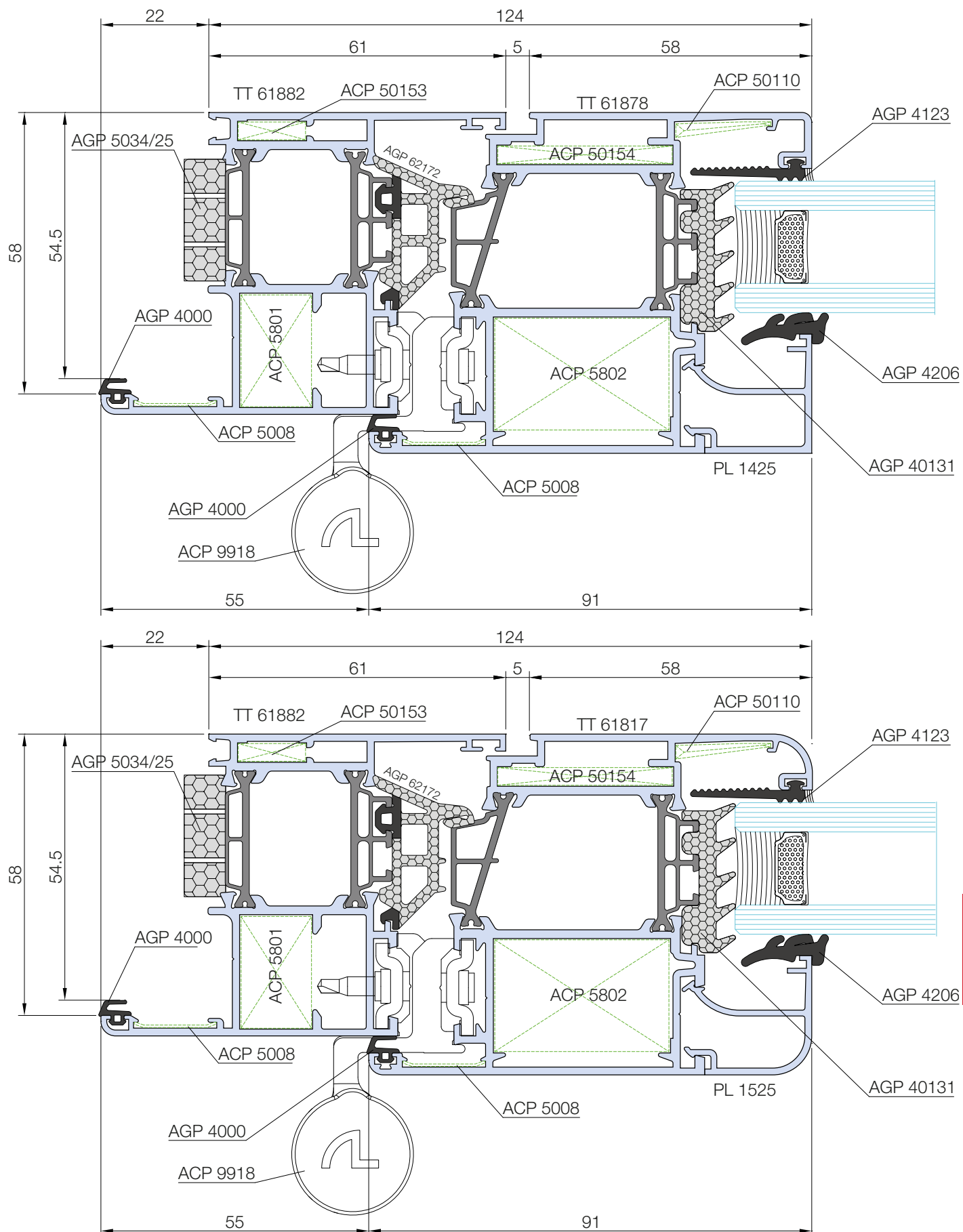


NODO 08

Apertura interna - finestra a battente - nodo laterale

Innerward opening - casement window - lateral section

ATTENZIONE
DISEGNO FUORI SCALA

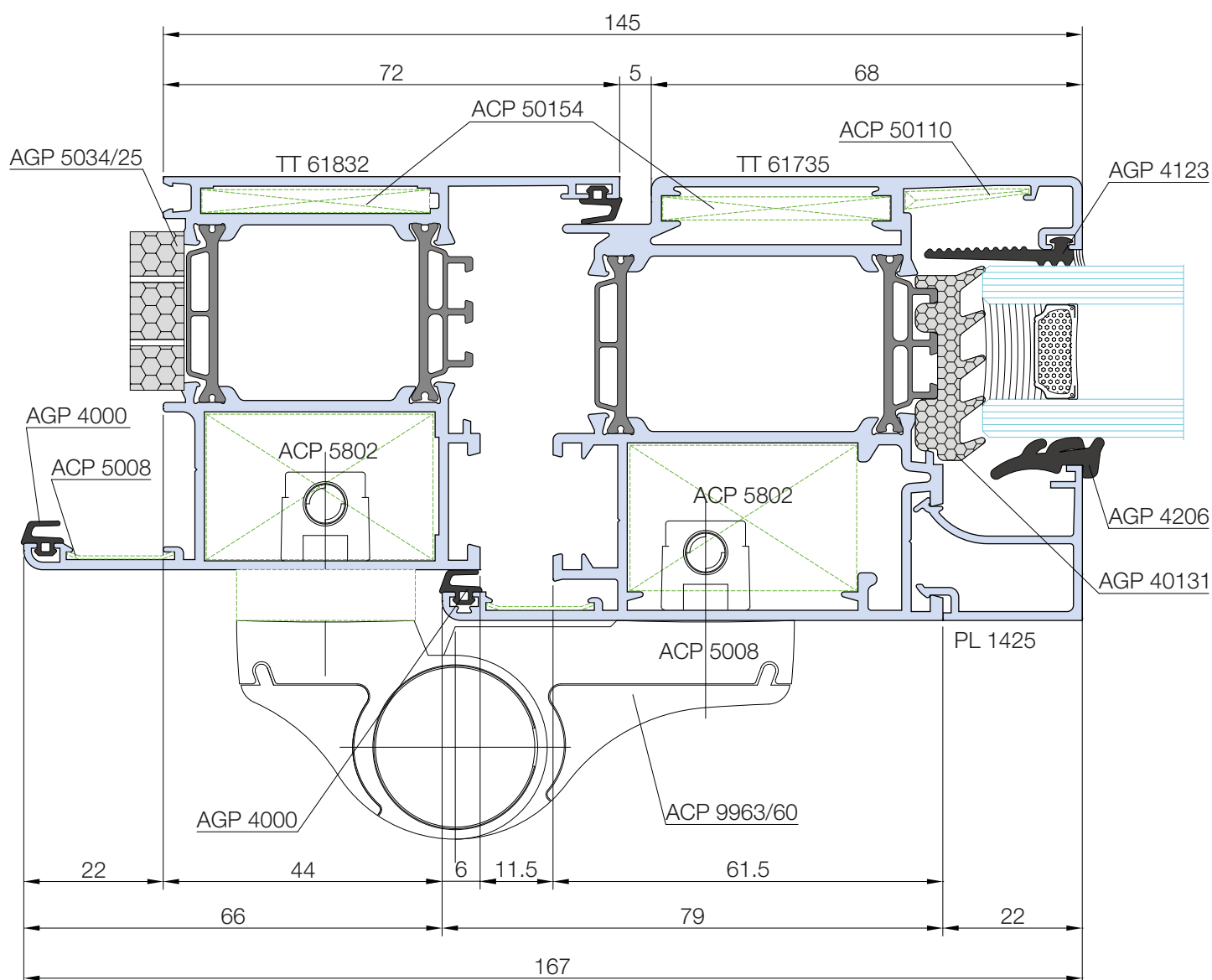


NODI E SEZIONI
Sections

NODO 09

Apertura interna - porta a battente - nodo laterale

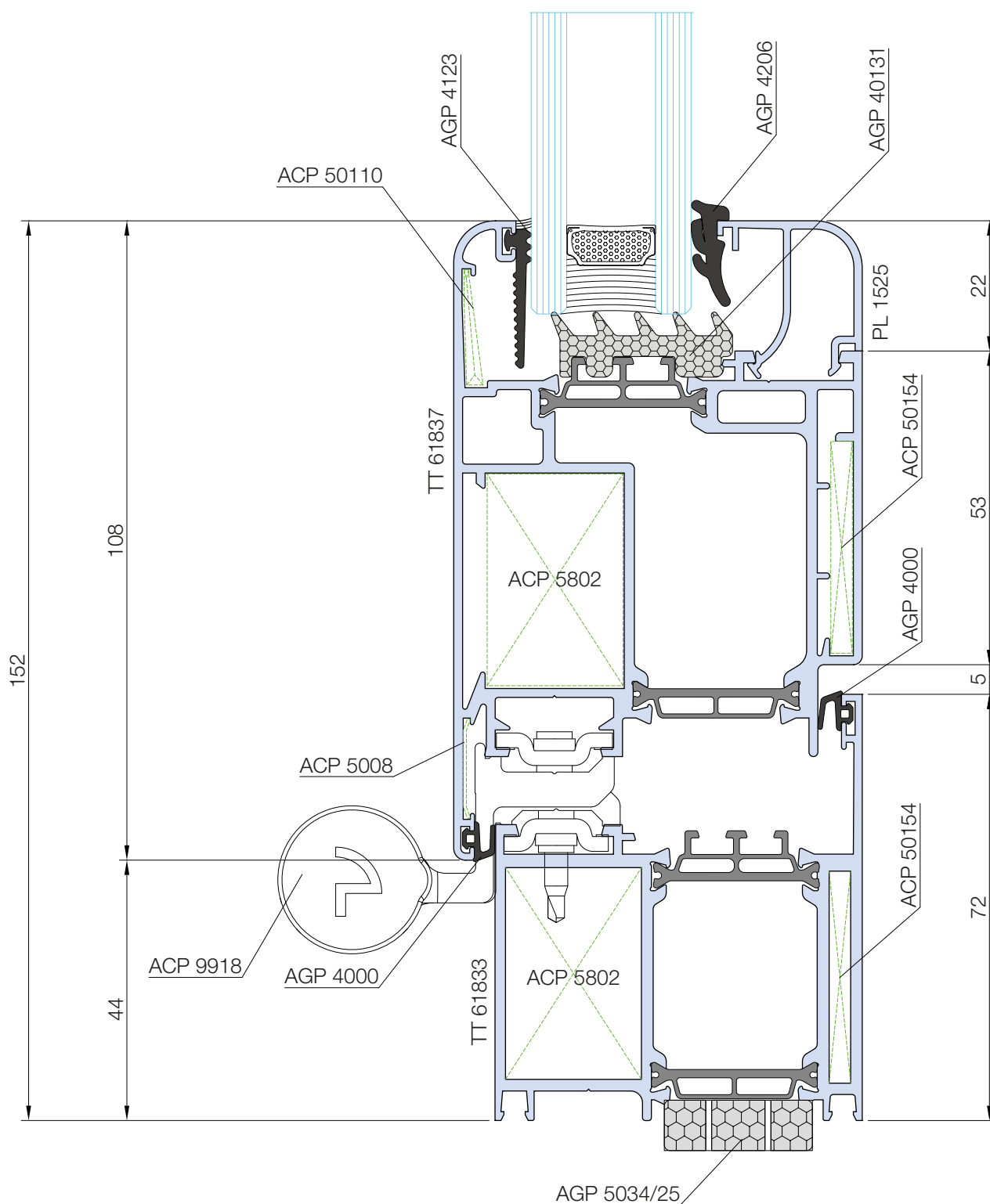
Innerward opening - casement door - lateral section



NODO 10

Apertura esterna - porta a battente - nodo laterale

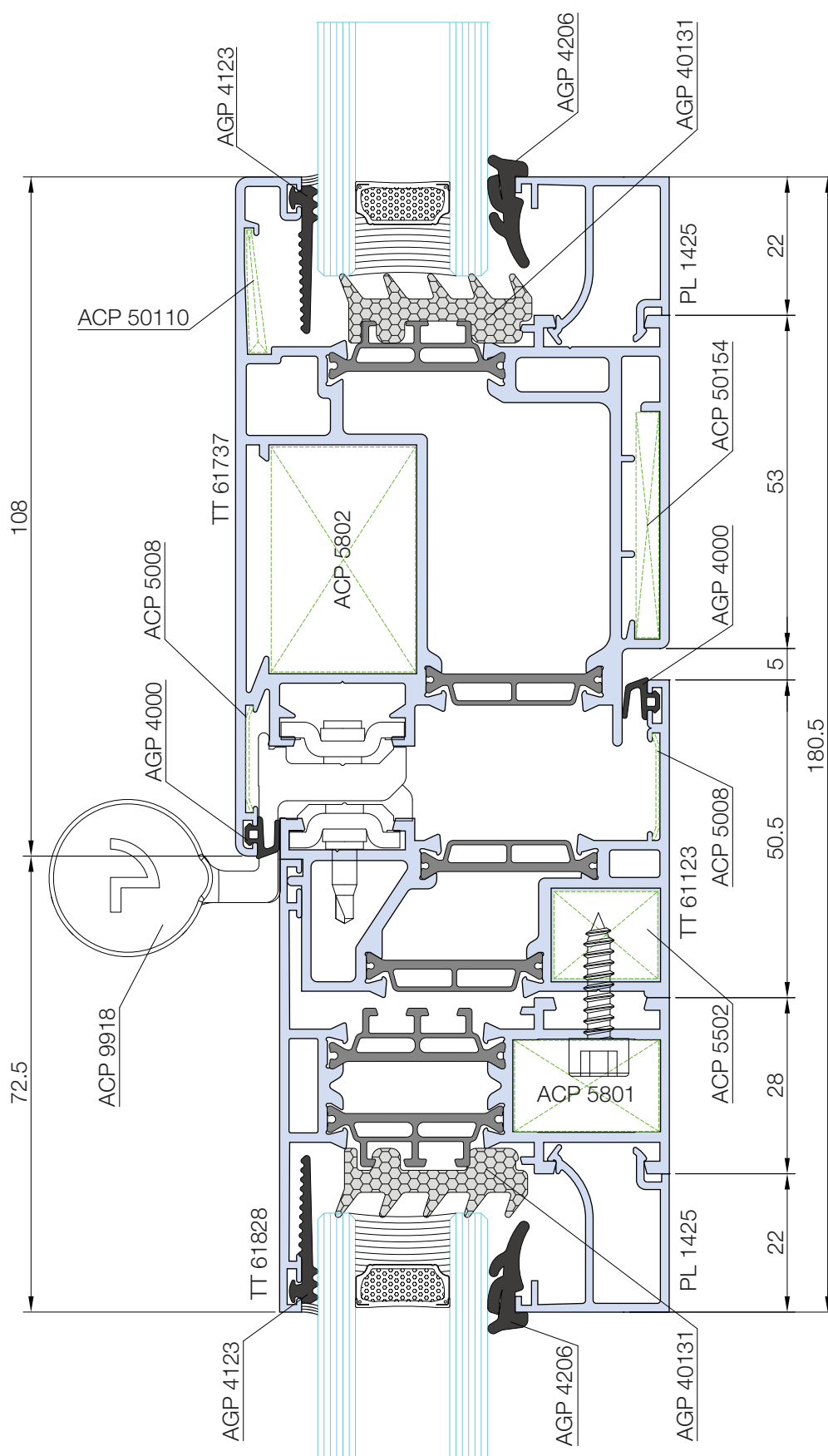
Outward opening - casement door - lateral section



NODO 11

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

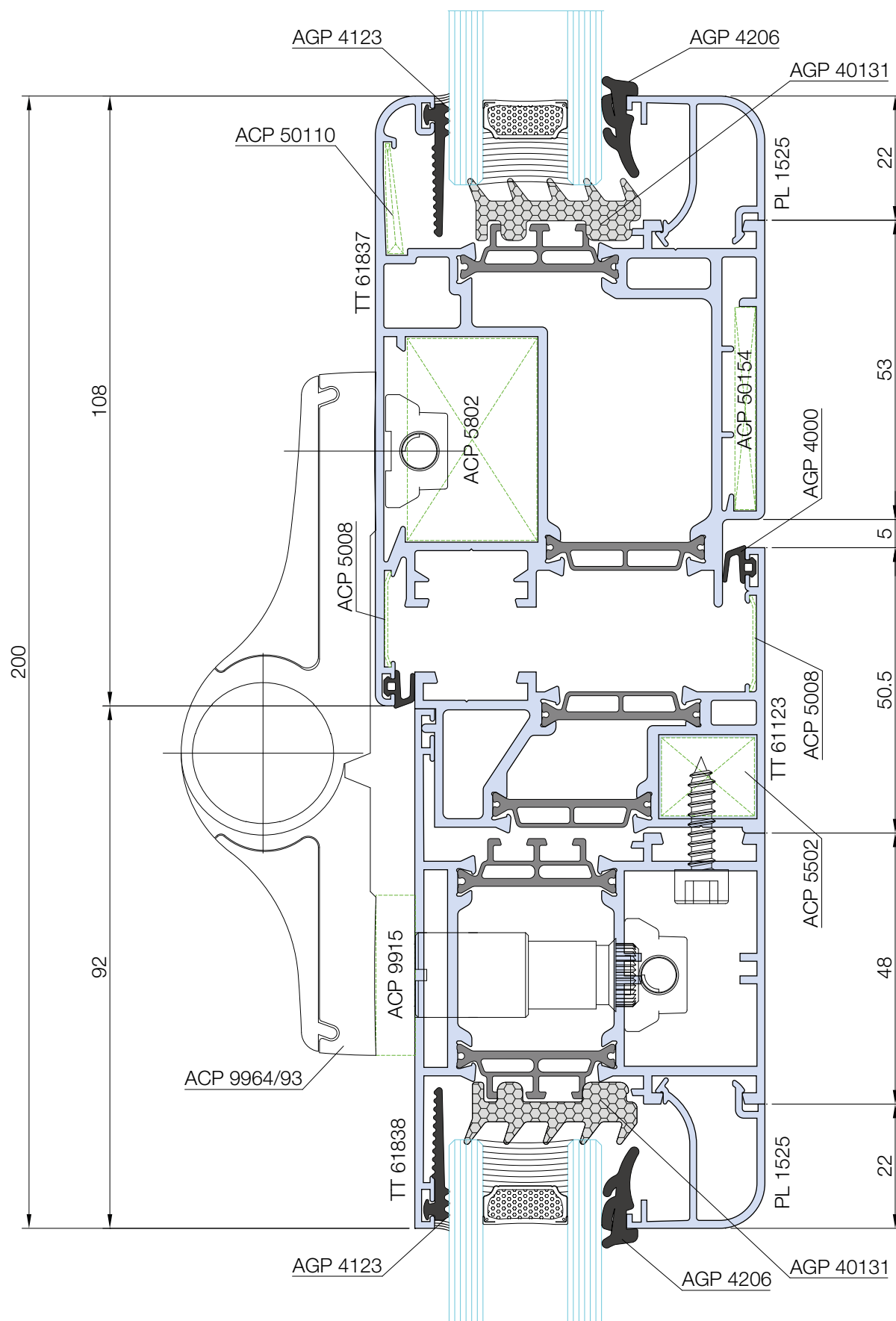
Outward opening - casement door with glass - joint node



NODO 12

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

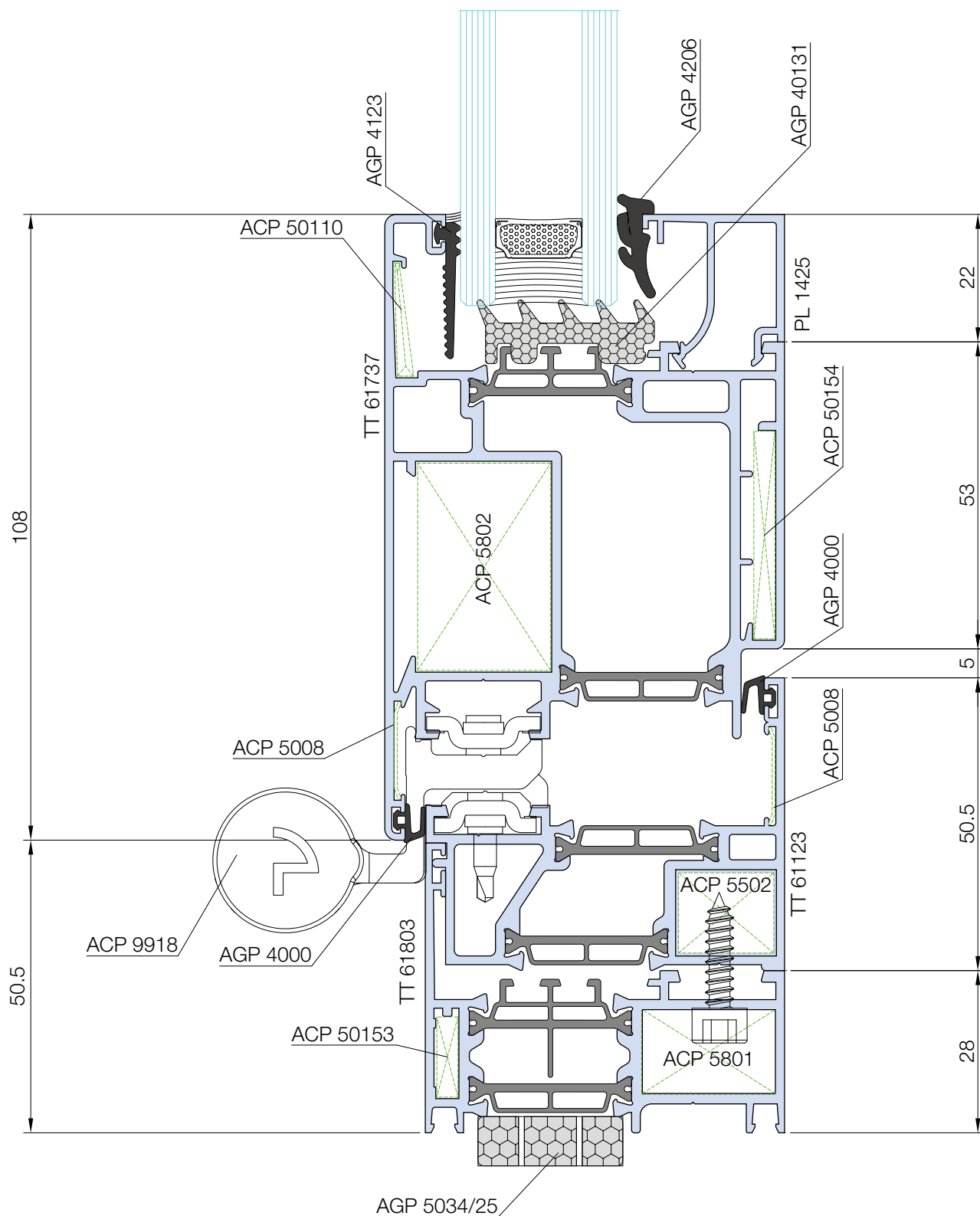
Outward opening - casement door with glass - joint node



NODO 13

Apertura esterna - porta a battente con vetrina - nodo laterale

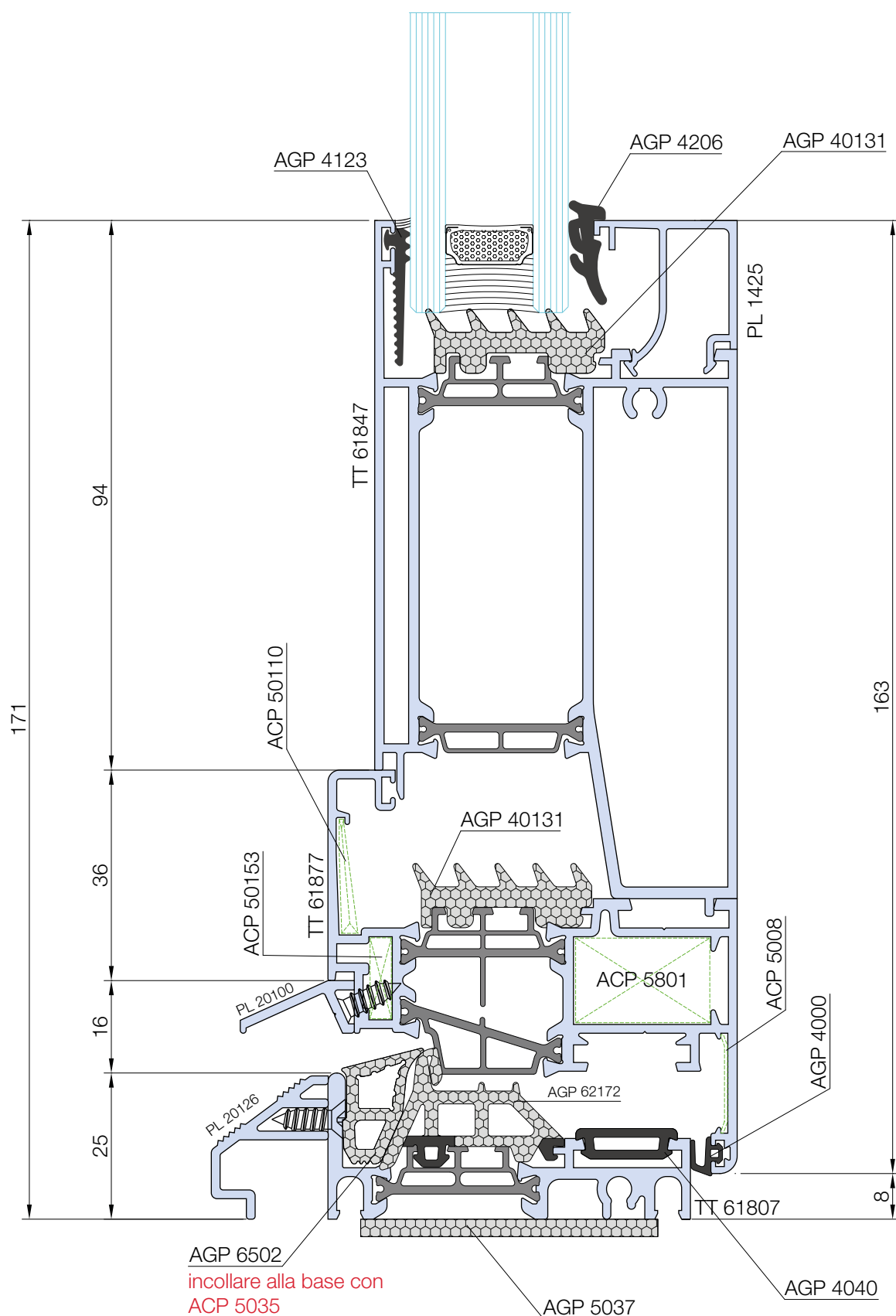
Outward opening - casement door with glass- lateral section



NODO 15

Apertura interna - porta finestra a battente - nodo soglia ribassata

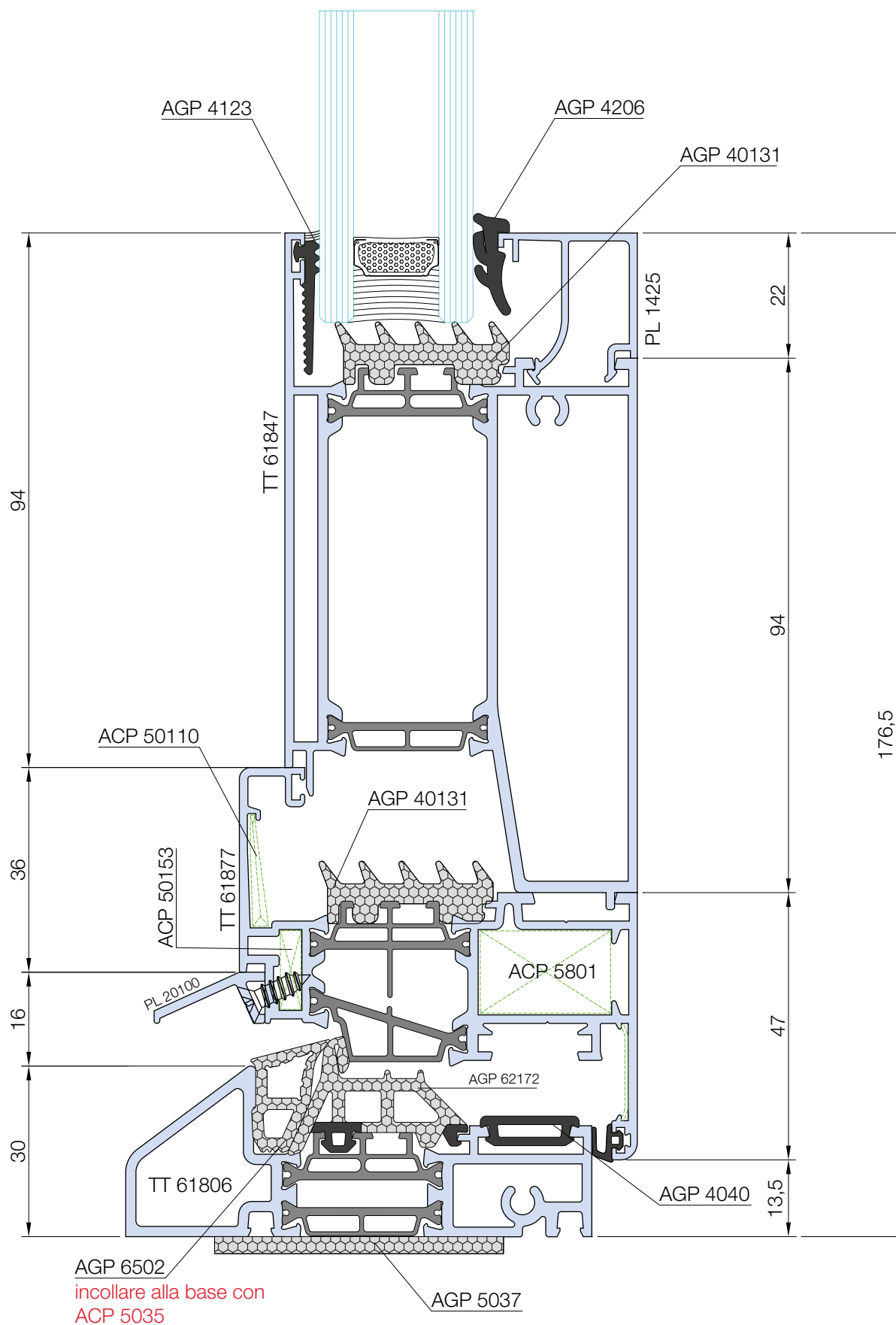
Innerward opening - casement window door - threshold node



NODO 16

Apertura interna - porta finestra - nodo soglia ribassata

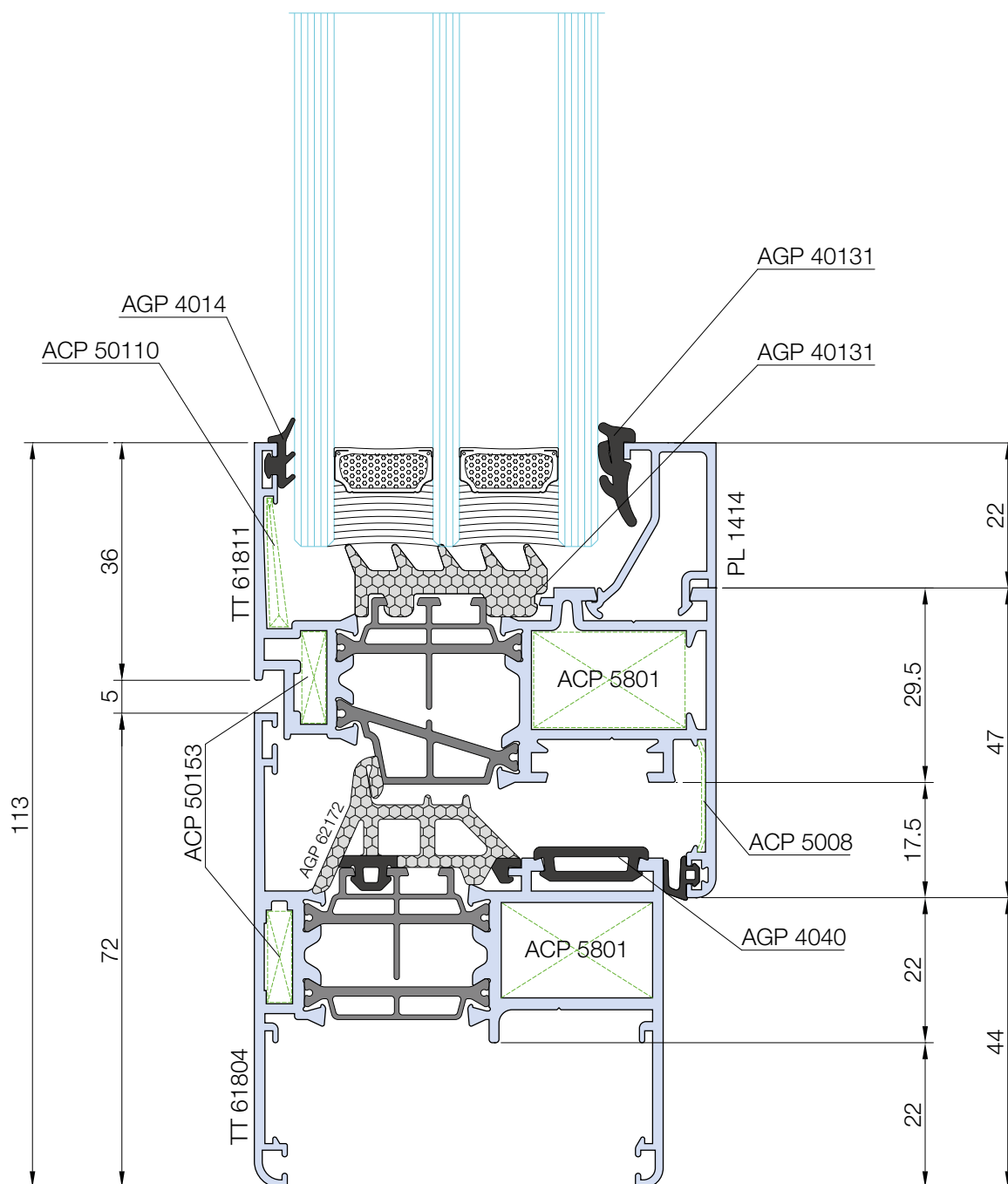
Inward opening - glass door - threshold node



NODO 17

Apertura interna - finestra a battente - nodo a davanzale

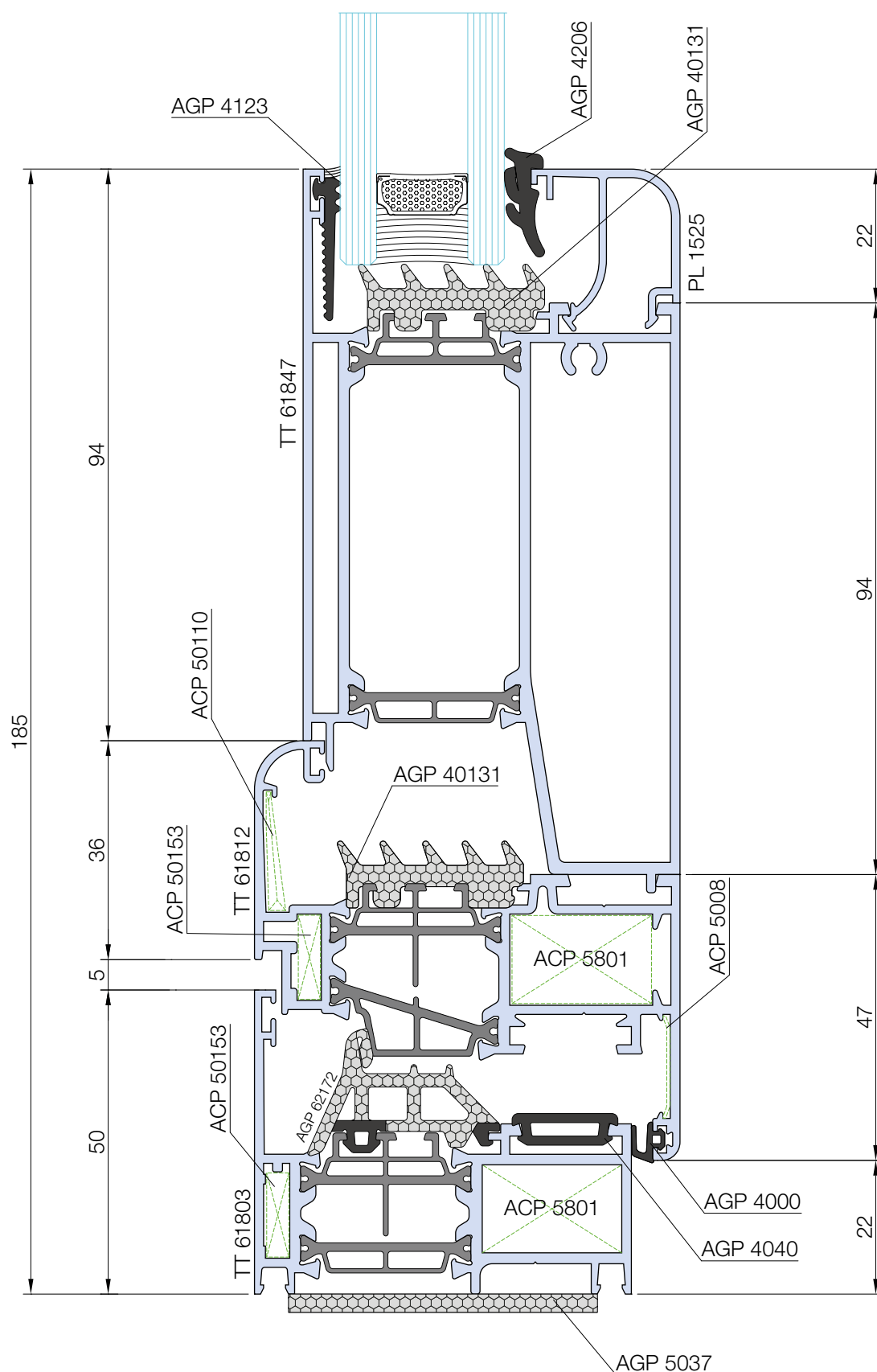
Inward opening - casement window - sill node



NODO 18

Apertura interna - porta finestra a battente - nodo soglia

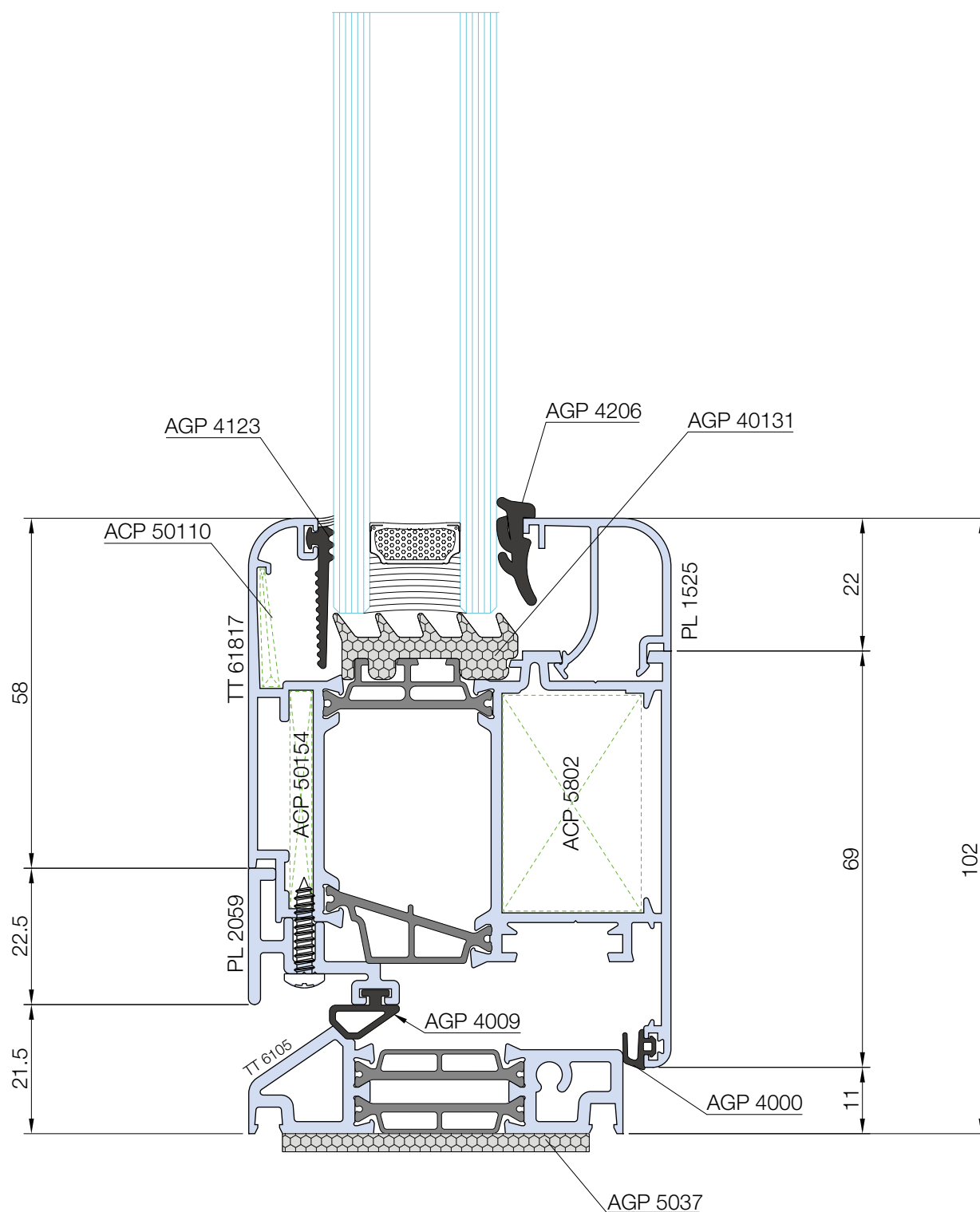
Inward opening - casement window door - threshold node



NODO 19

Apertura interna - porta finestra a battente - nodo soglia ribassata - anata a girare

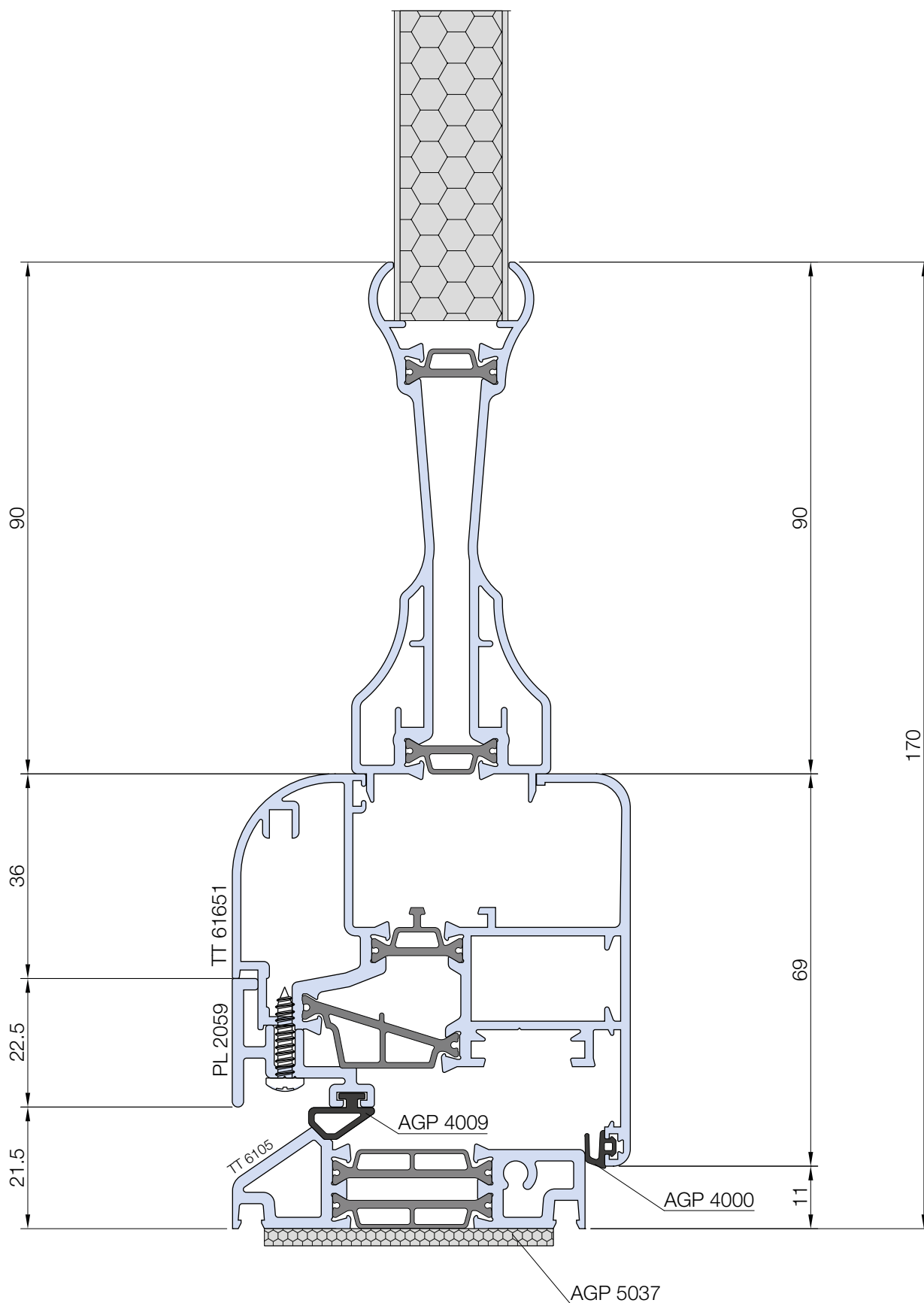
Inward opening - casement window door- threshold node - turned leaf



NODO 20

Apertura interna - porta finestra a battente - nodo soglia ribassata - anata a girare con cornice

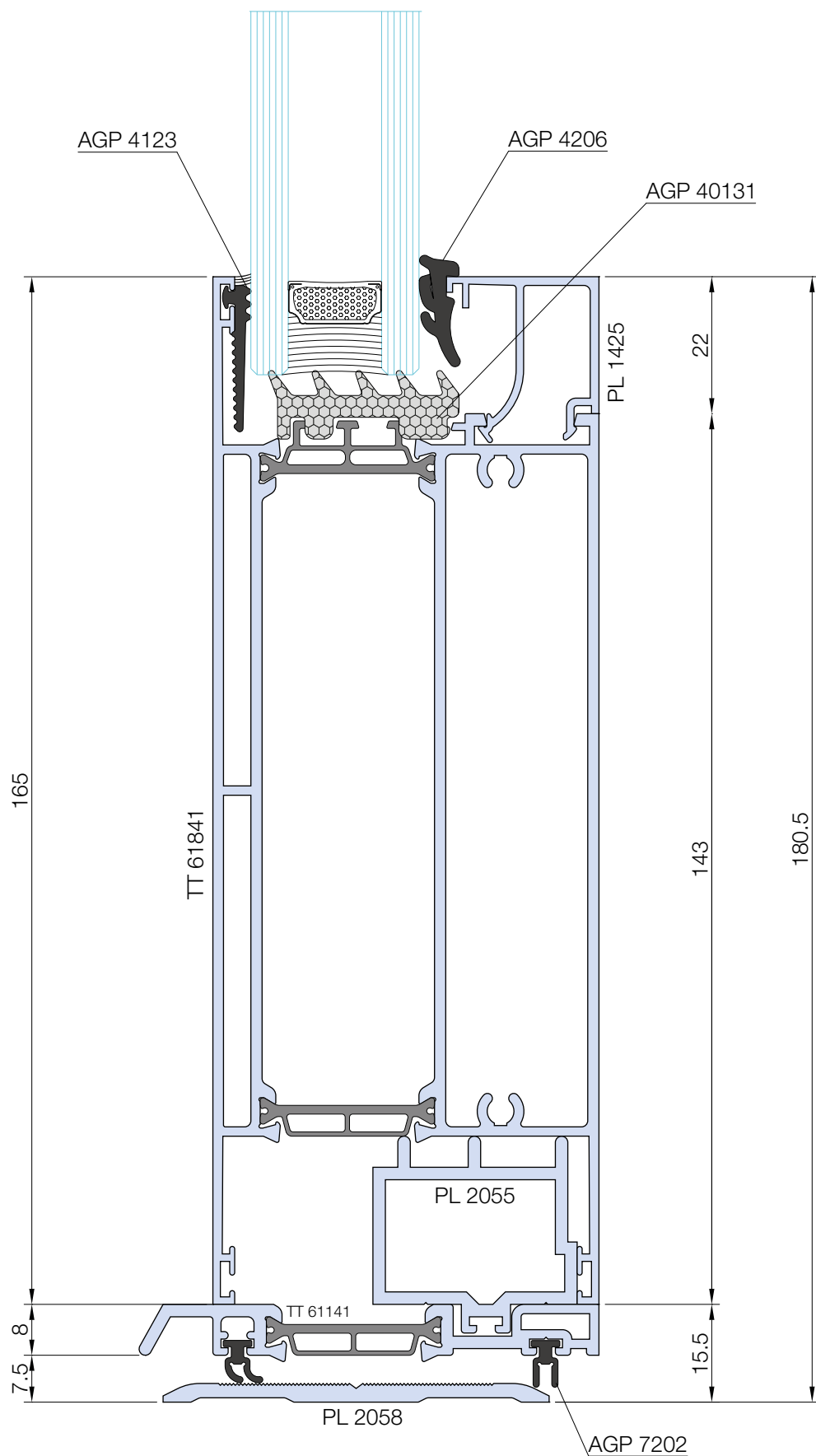
Inward opening - casement window door- lowered threshold node with frame



NODO 21

Apertura interna - porta a battente - nodo inferiore

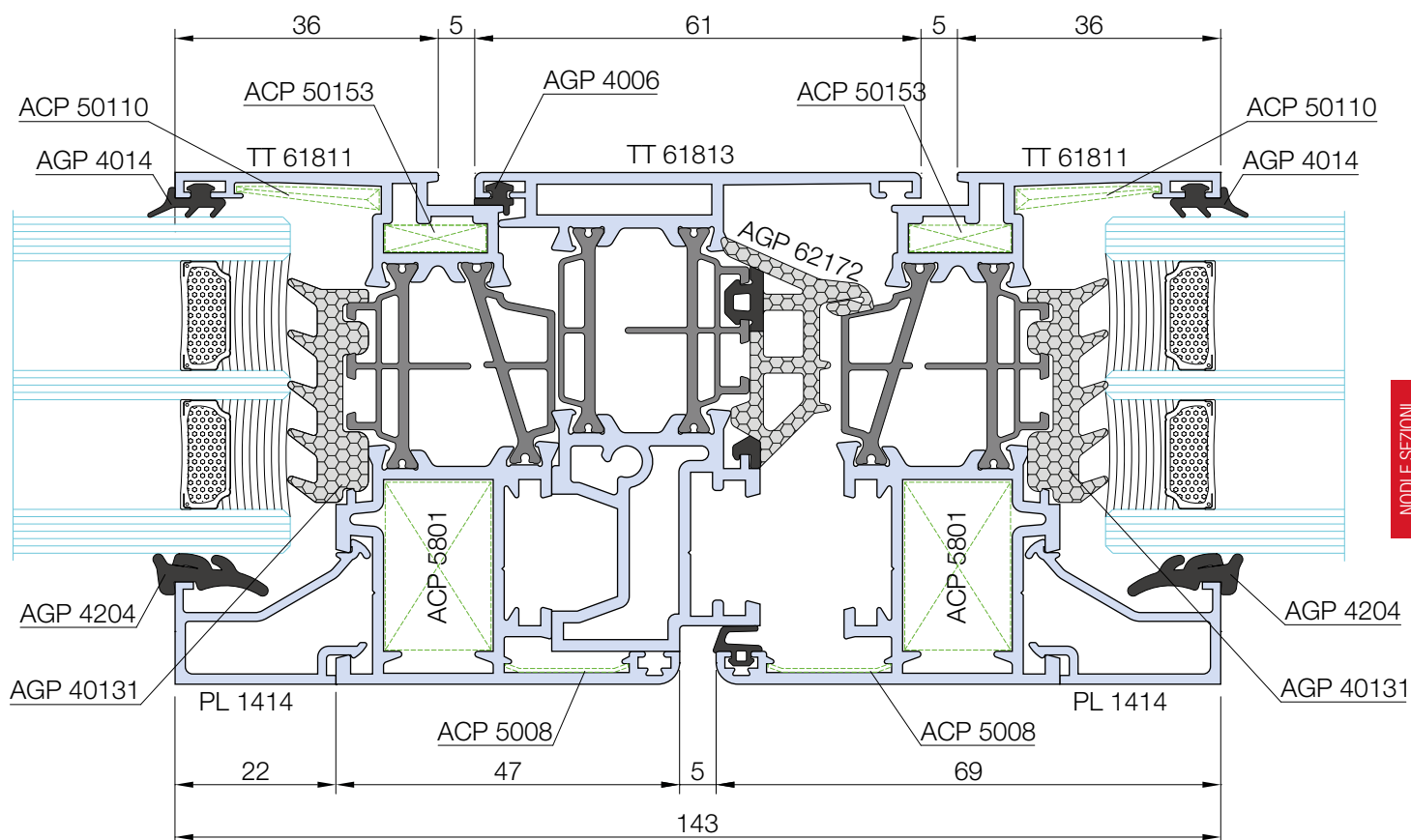
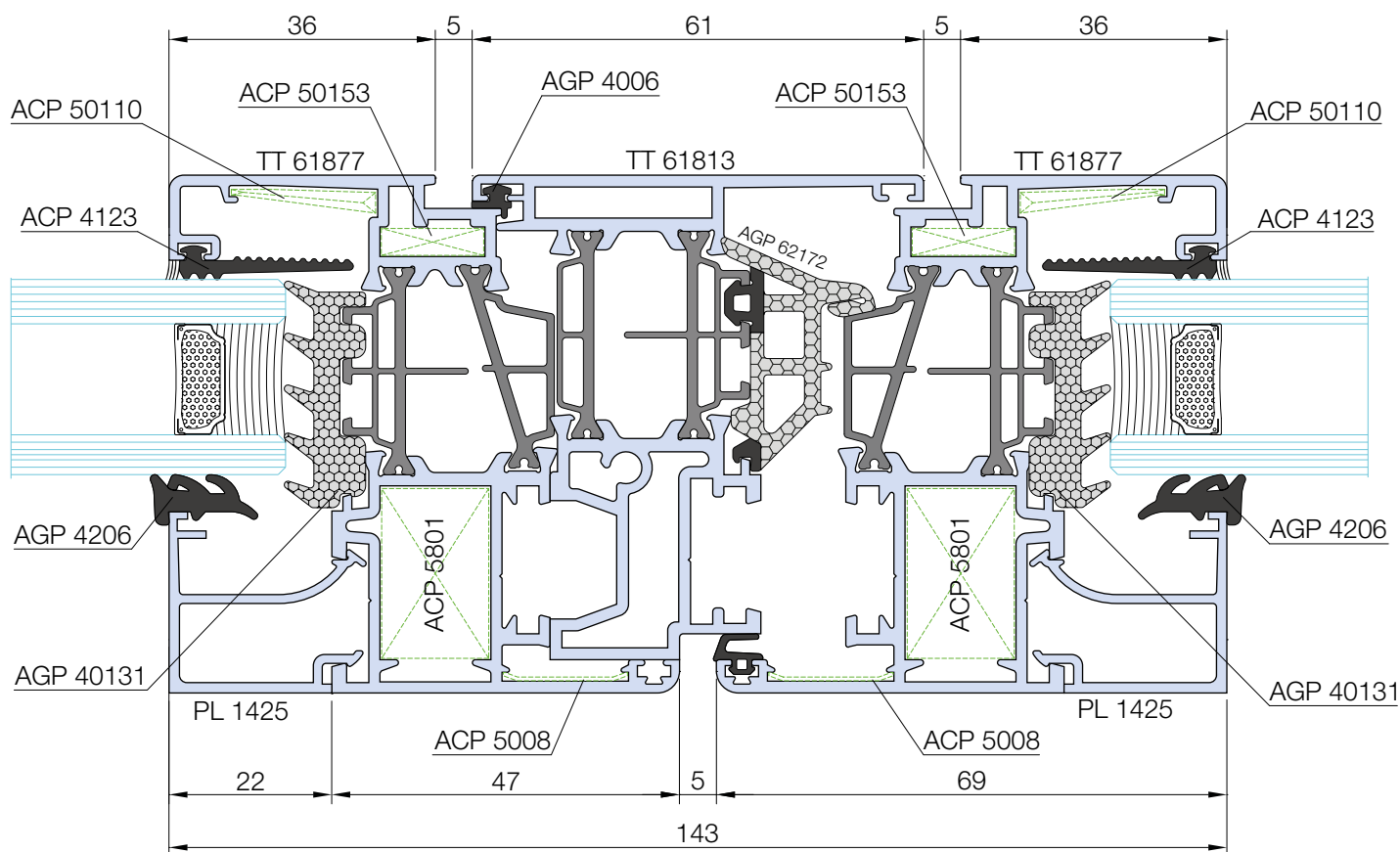
Inward opening - casement door - lower node



NODO 22

Apertura interna - finestra a battente - nodo centrale

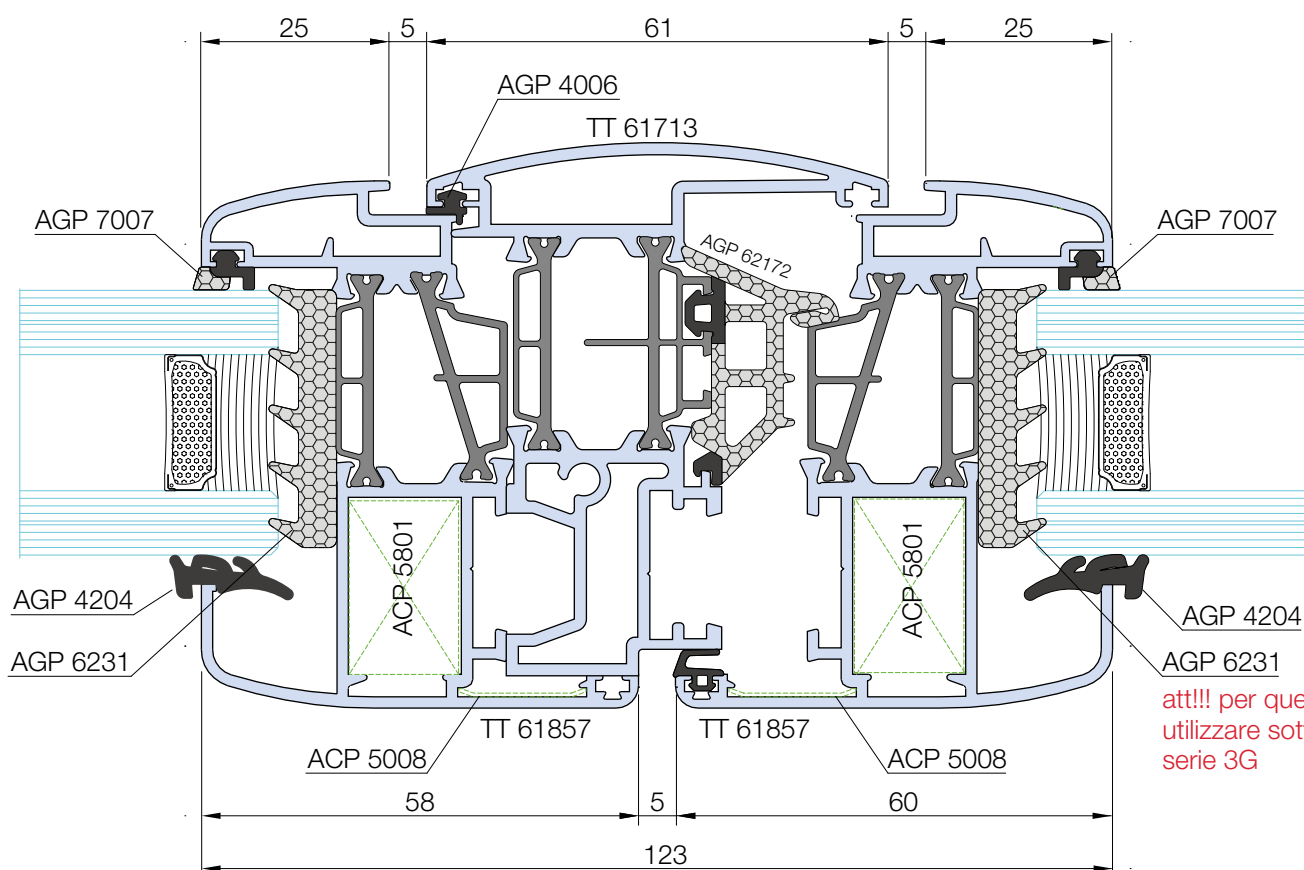
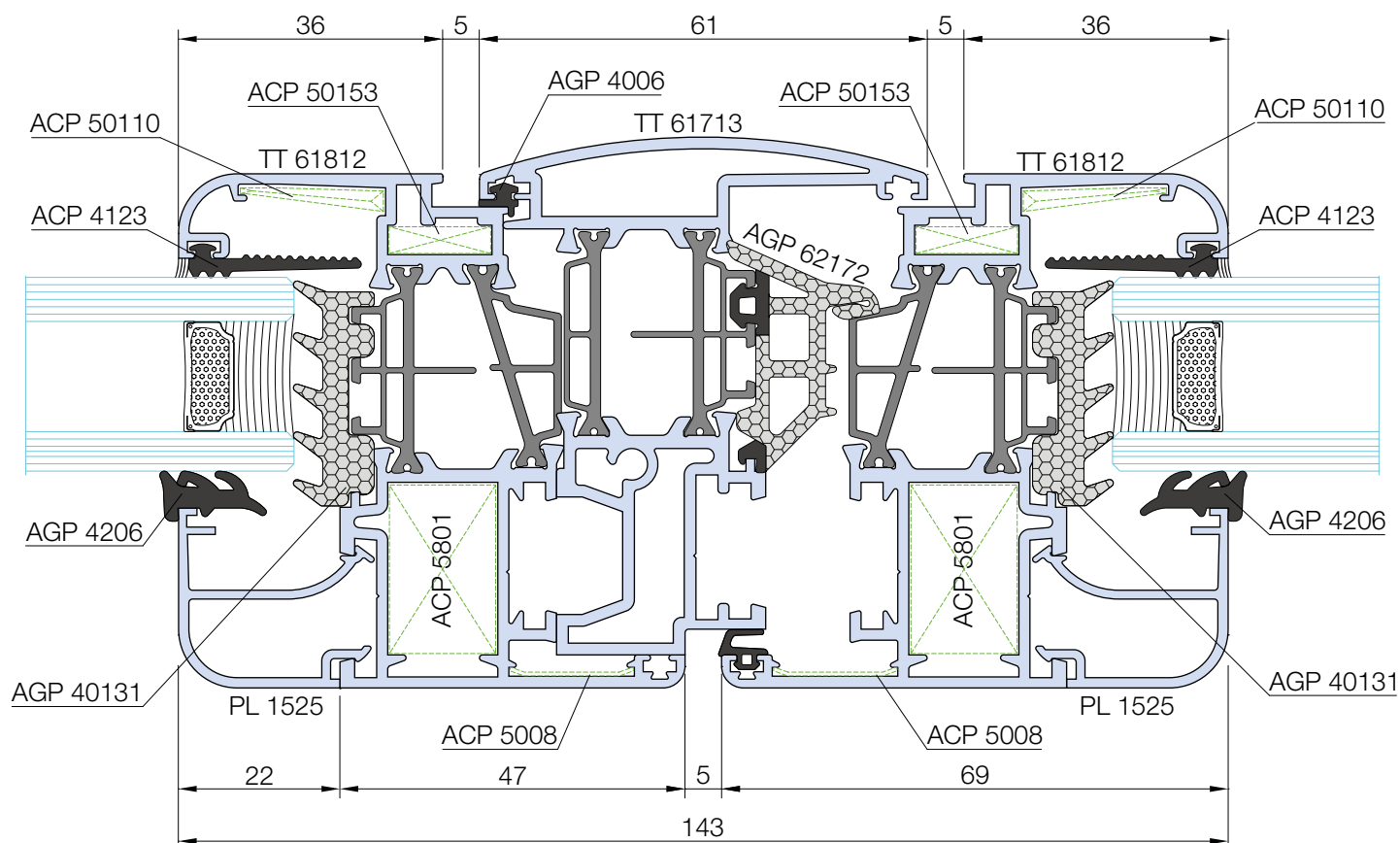
Inward opening - casement window - central node



NODO 23

Apertura interna - finestra a battente - nodo centrale

Inward opening - casement window - central node

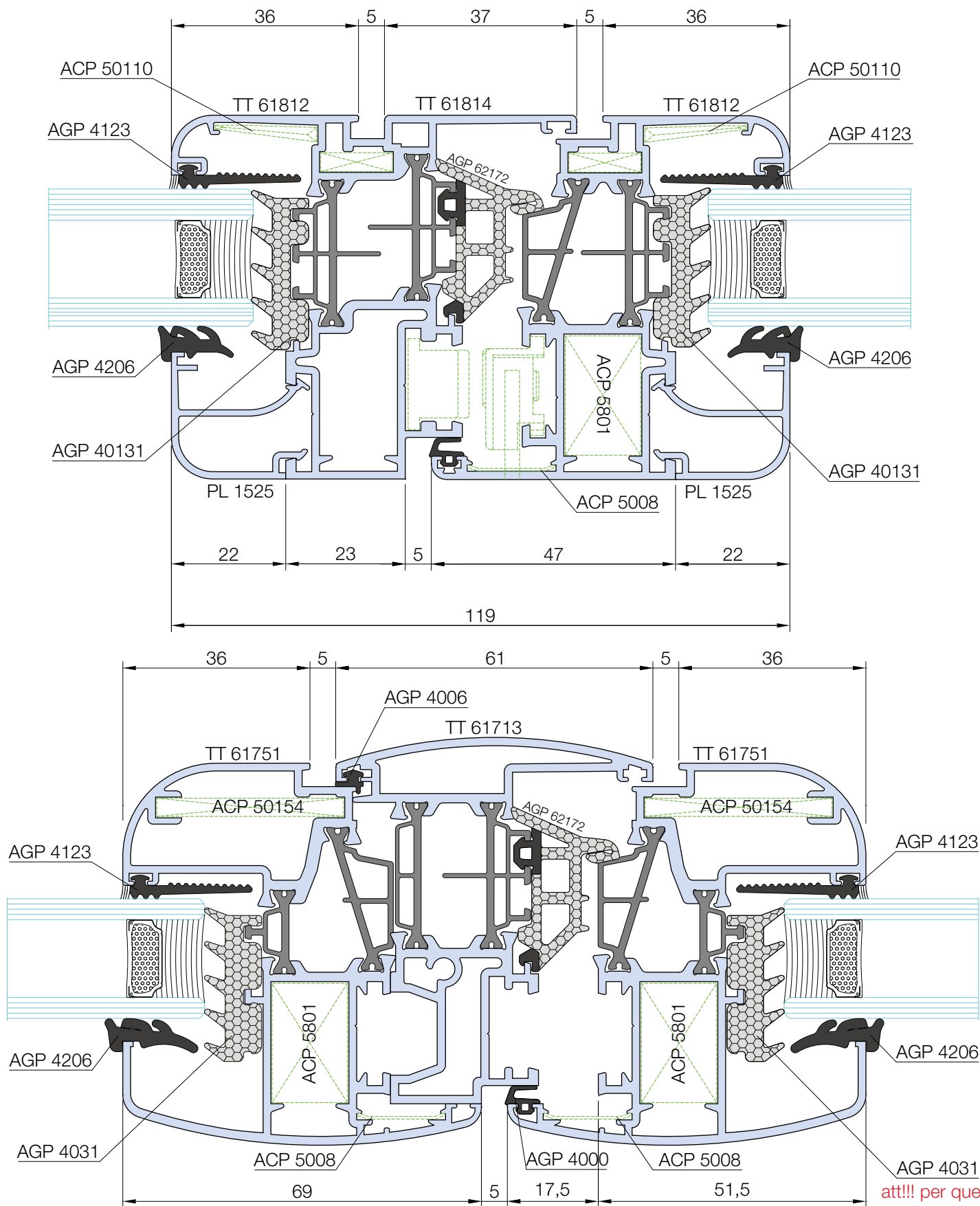


att!!! per quest'anta
utilizzare sottovetro
serie 3G

NODO 24

Apertura interna - finestra a battente - nodo centrale

Inward opening - casement window - central node

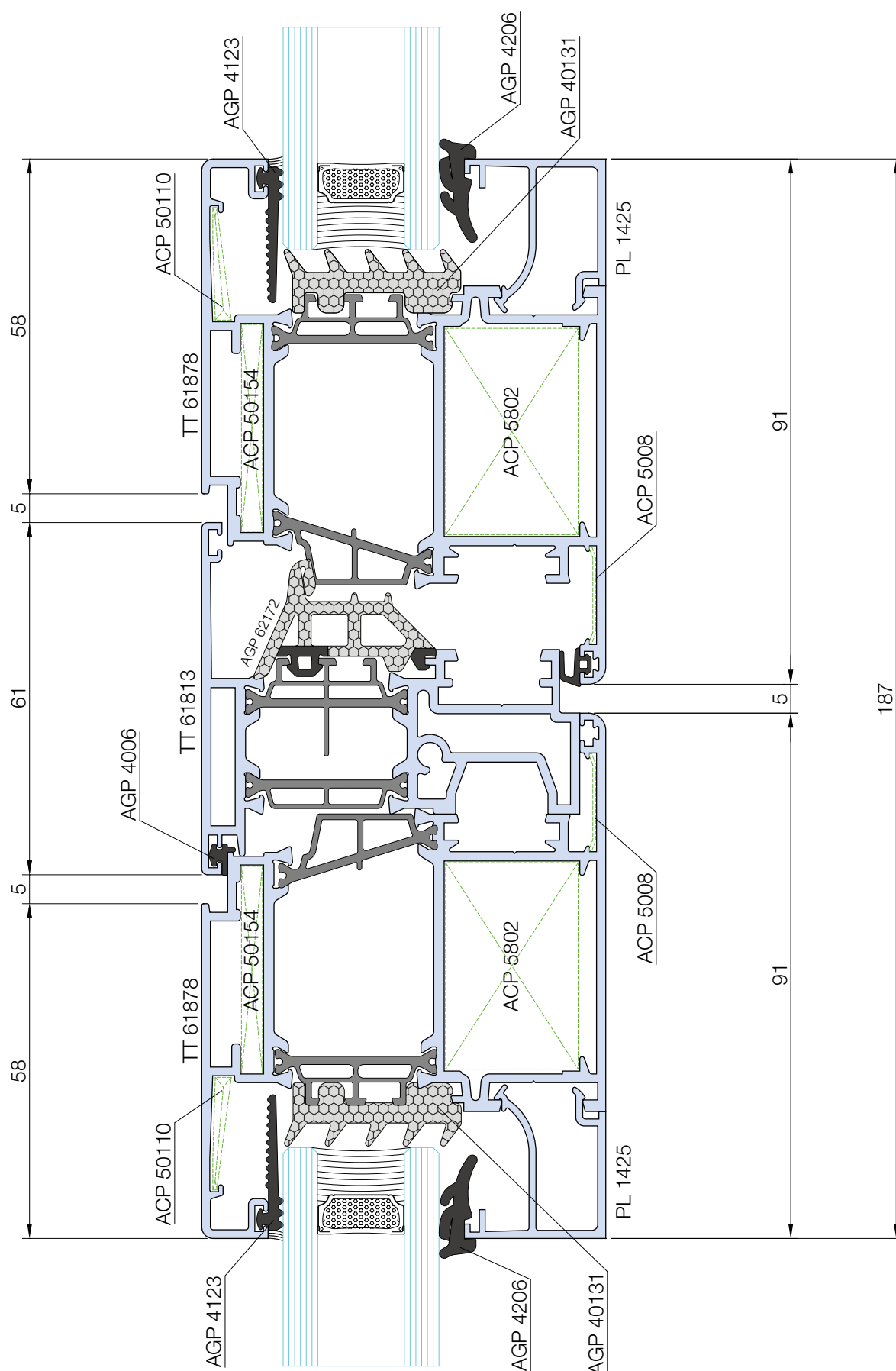


att!!! per quest'anta
utilizzare sottovetro
versione planet 62TT

NODO 25

Apertura interna - finestra a battente - nodo centrale

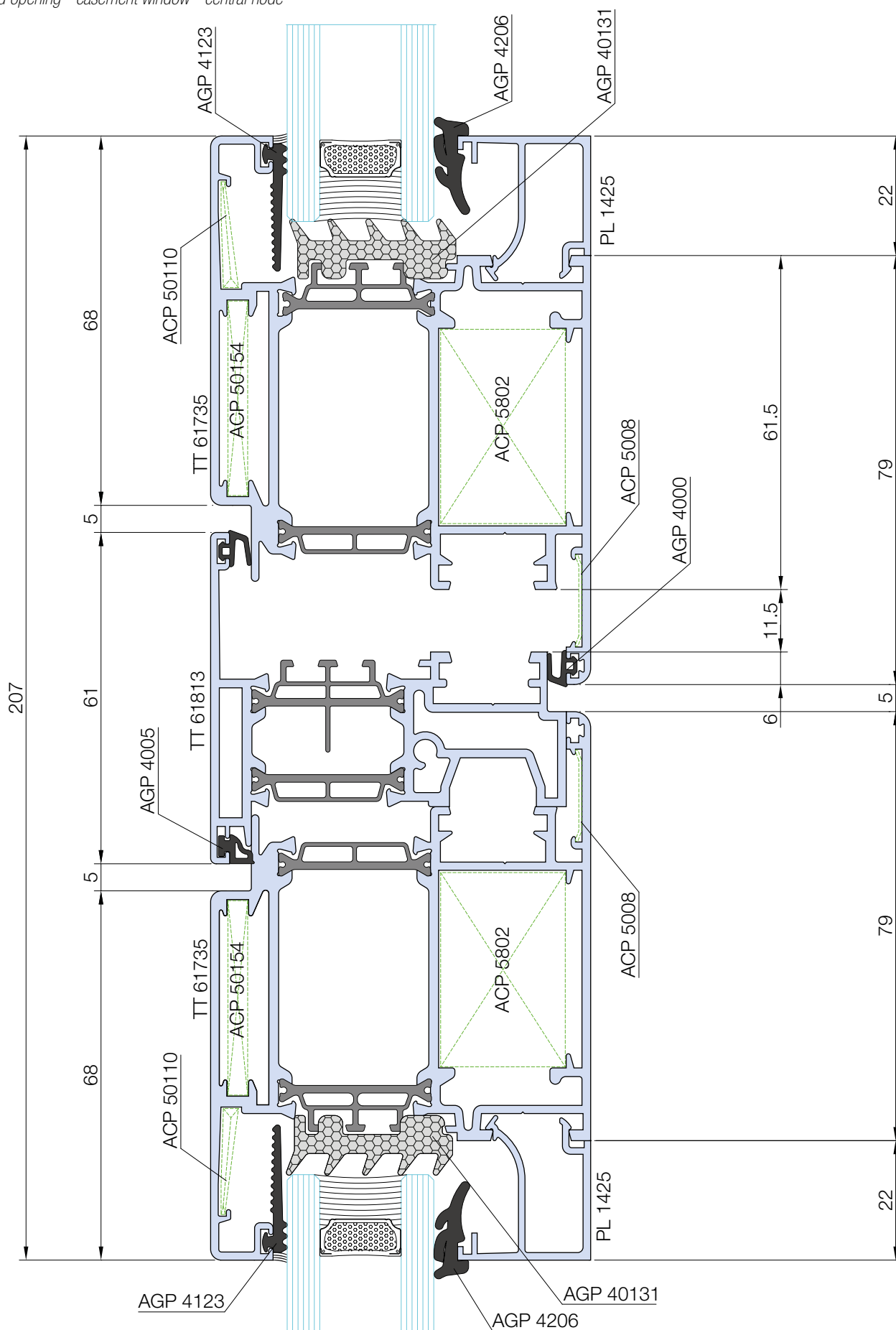
Inward opening - casement window - central node



NODO 26

Apertura interna - finestra a battente - nodo centrale

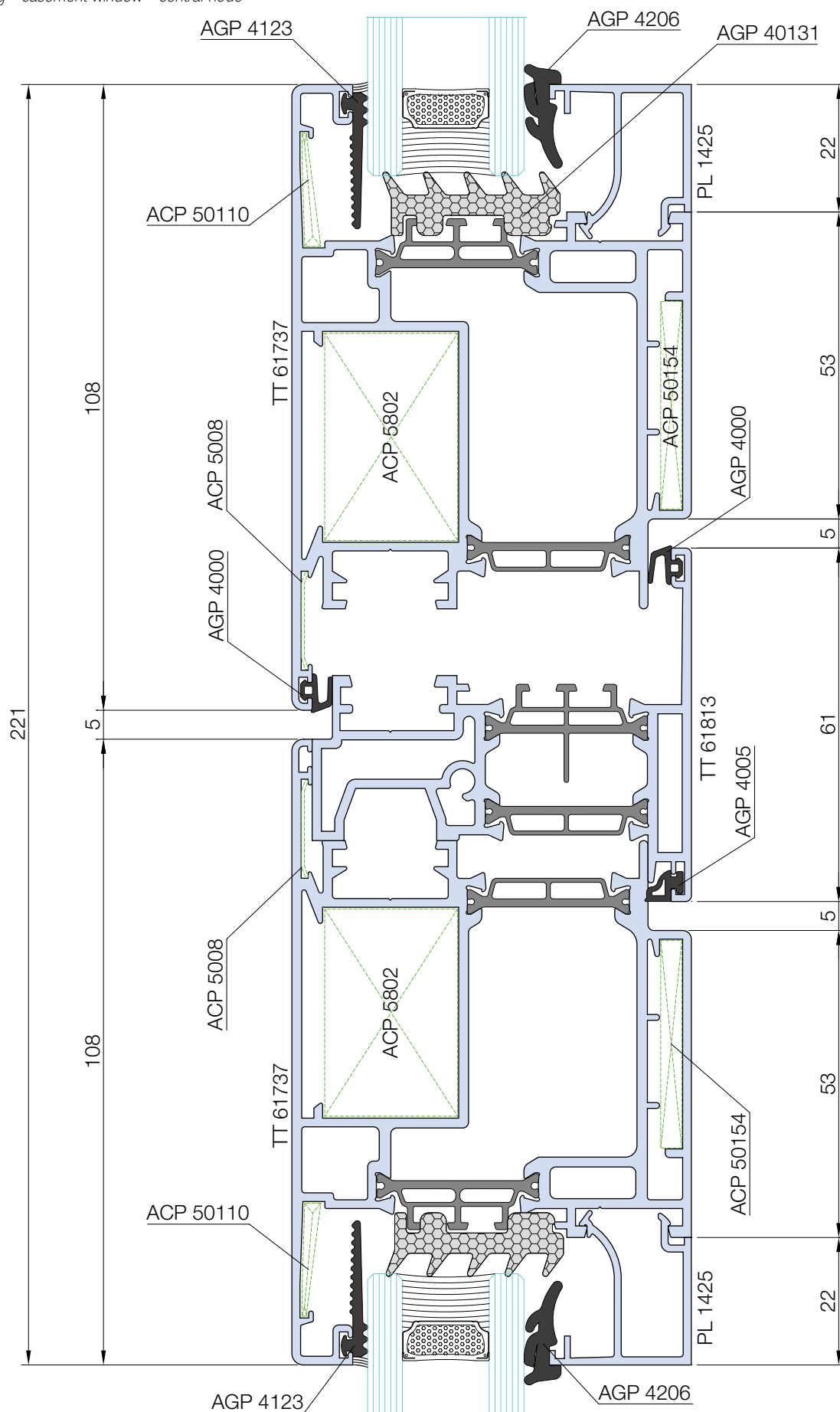
Inward opening - casement window - central node



NODO 27

Apertura interna - finestra a battente - nodo centrale

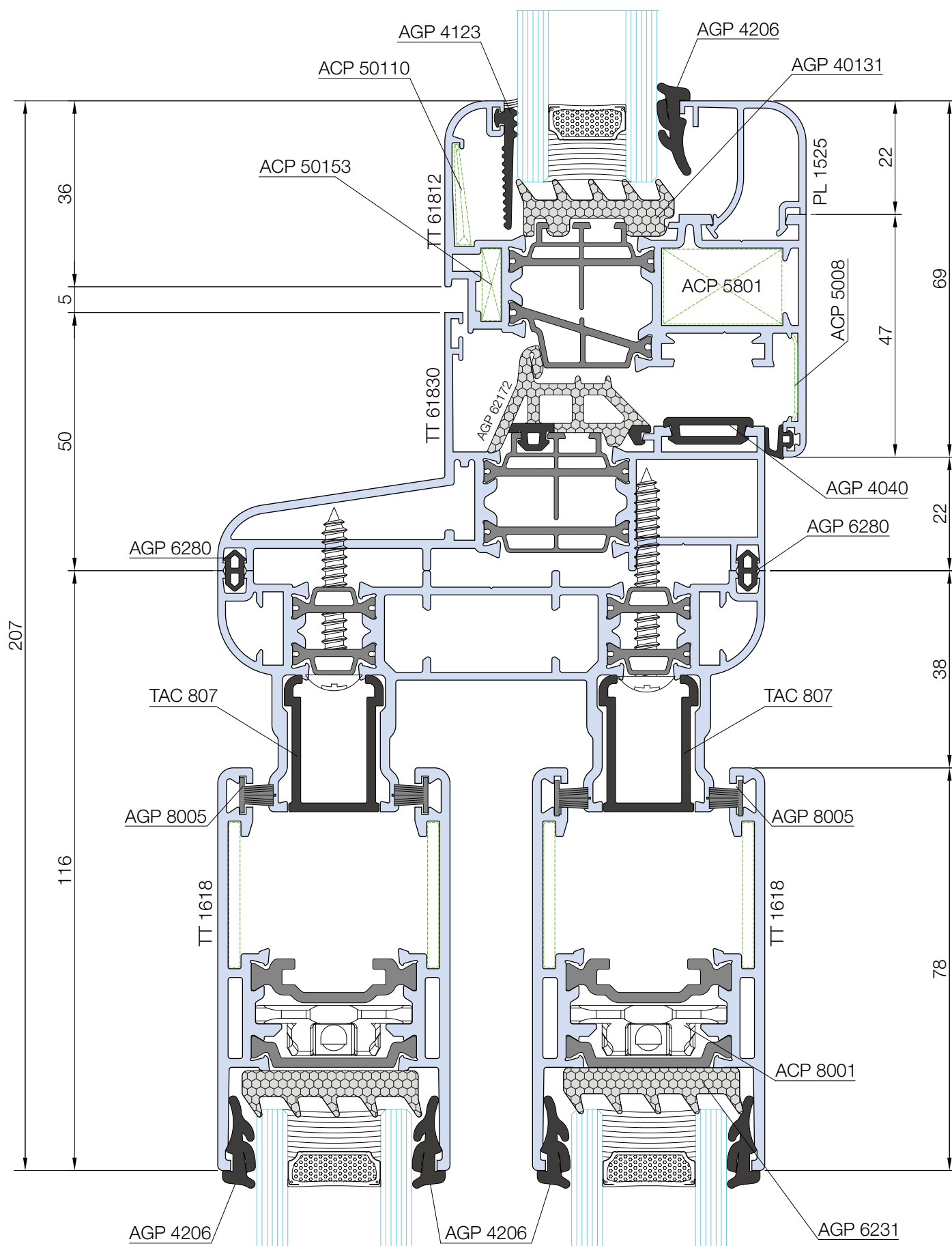
Inward opening - casement window - central node



NODO 28

Nodo abbinamento serie Slide 106

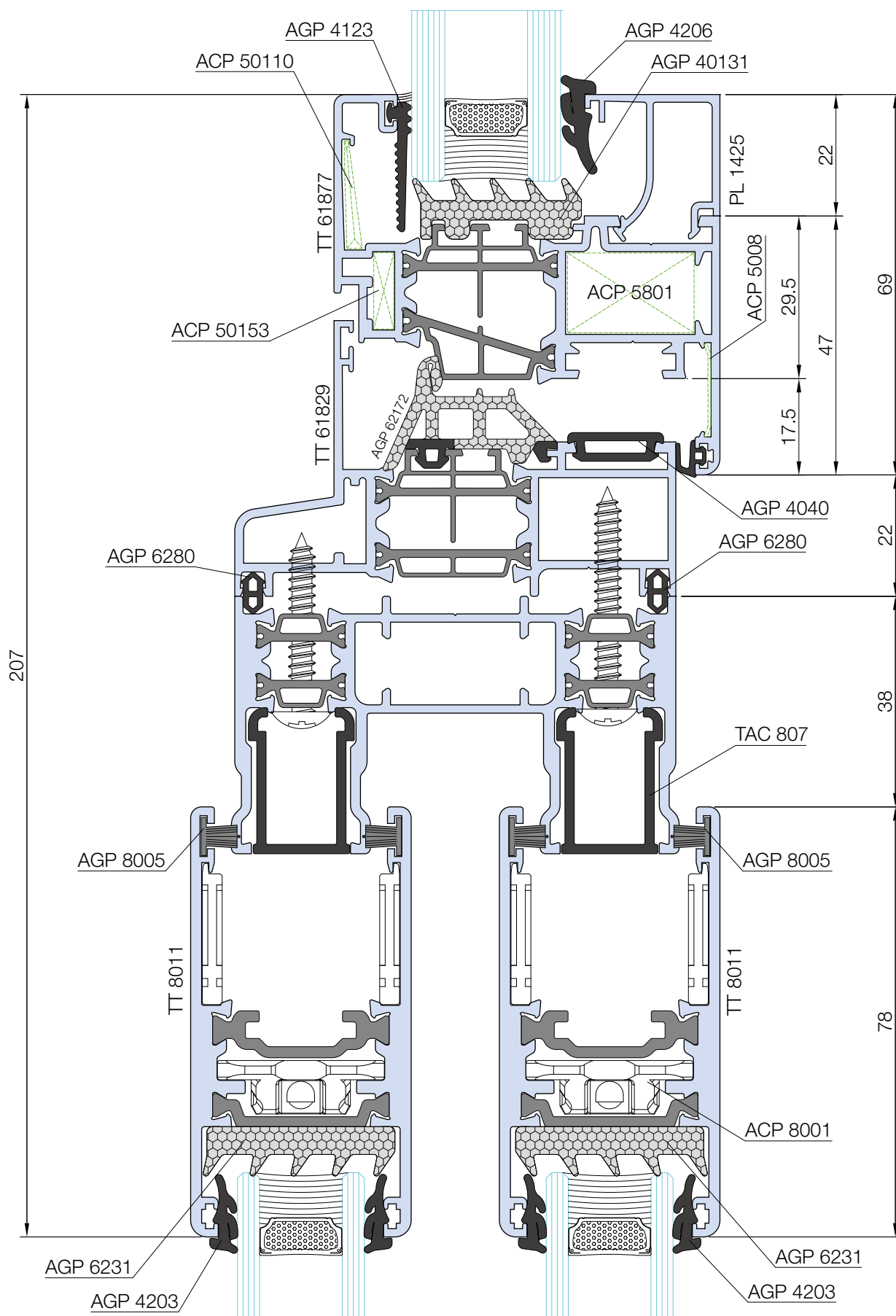
Cobination Slide range frame Slide 106



NODO 29

Nodo abbinamento serie Slide 80

Cobination Slide range frame Slide 80

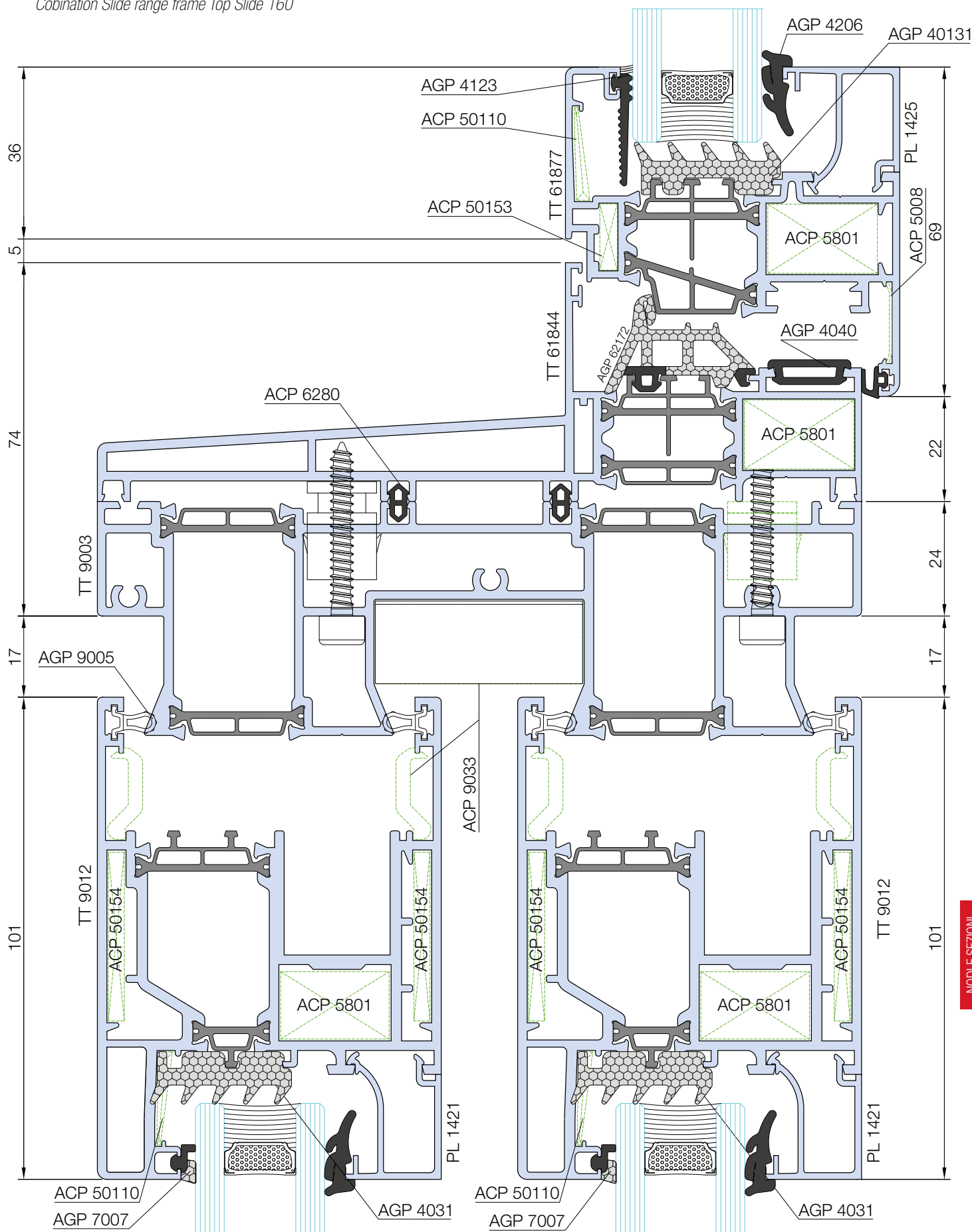


NODO 30

Nodo abbinamento serie Top Slide 160

Cobination Slide range frame Top Slide 160

ATTENZIONE
DISEGNO FUORI SCALA

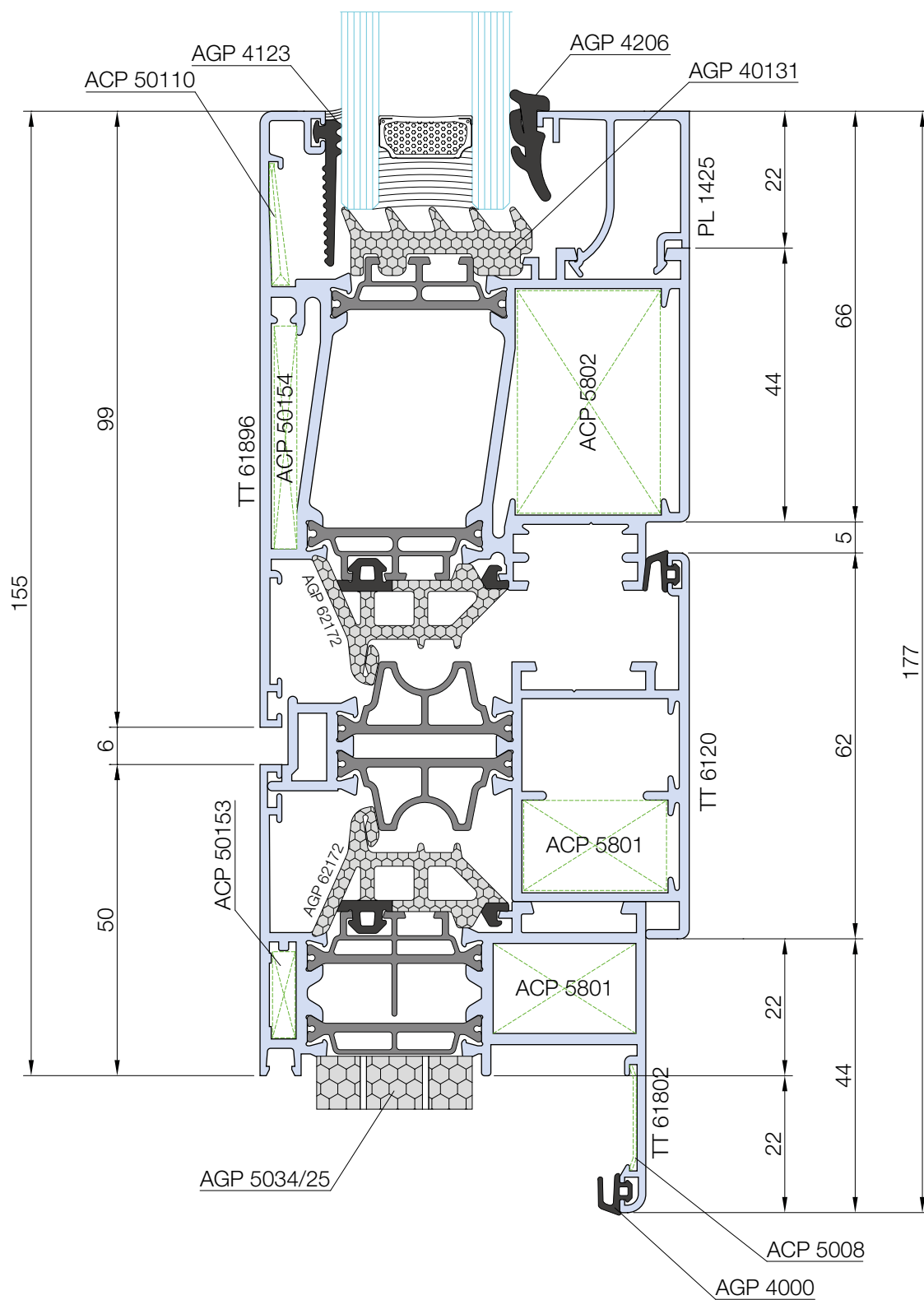


NODI E SEZIONI
Sections

NODO 31

Bilico - nodo perimetrale inferiore

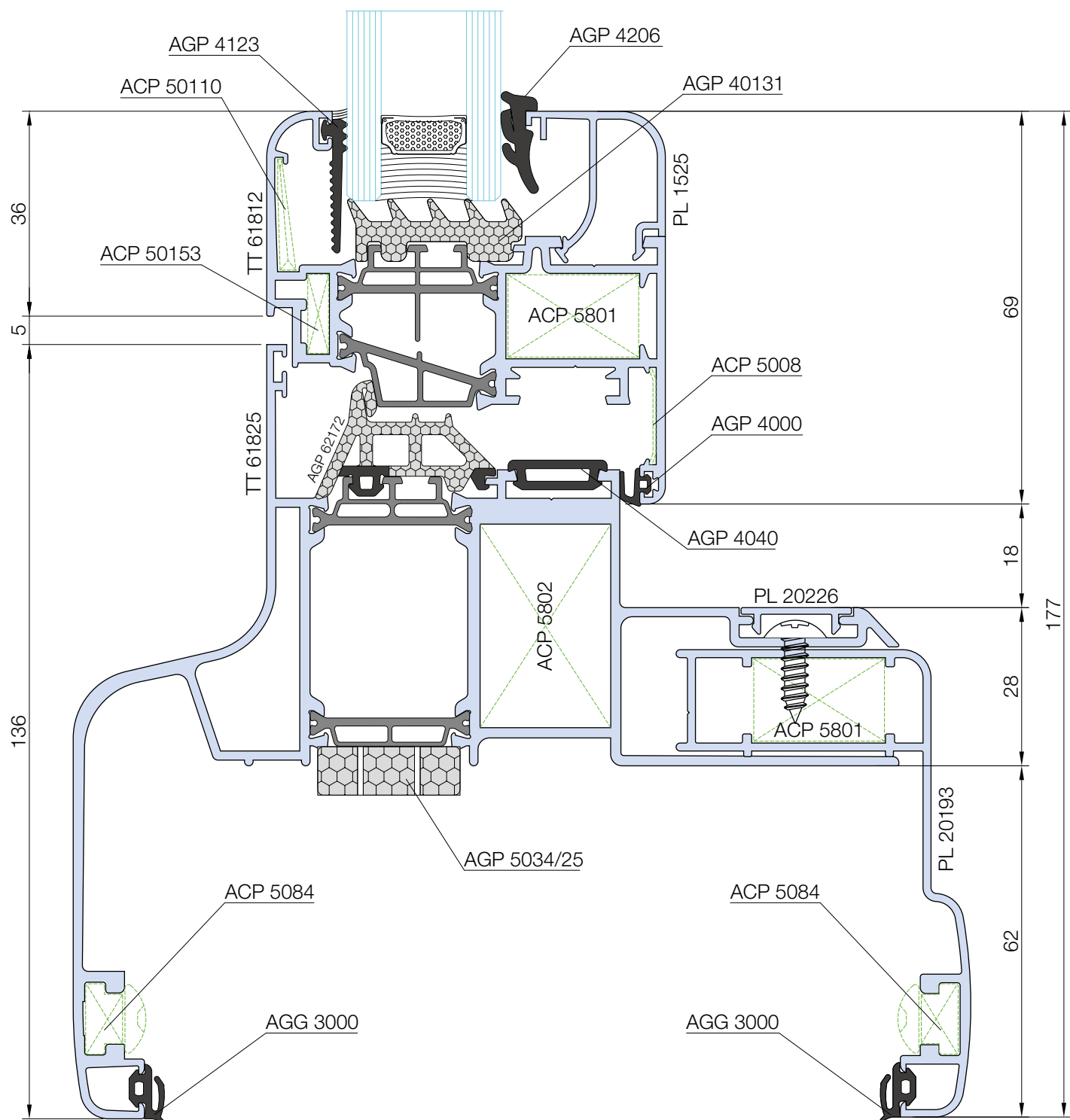
Top hung window - perimetral section



NODO 32

Telaio capannoni con imbotte - nodo perimetrale

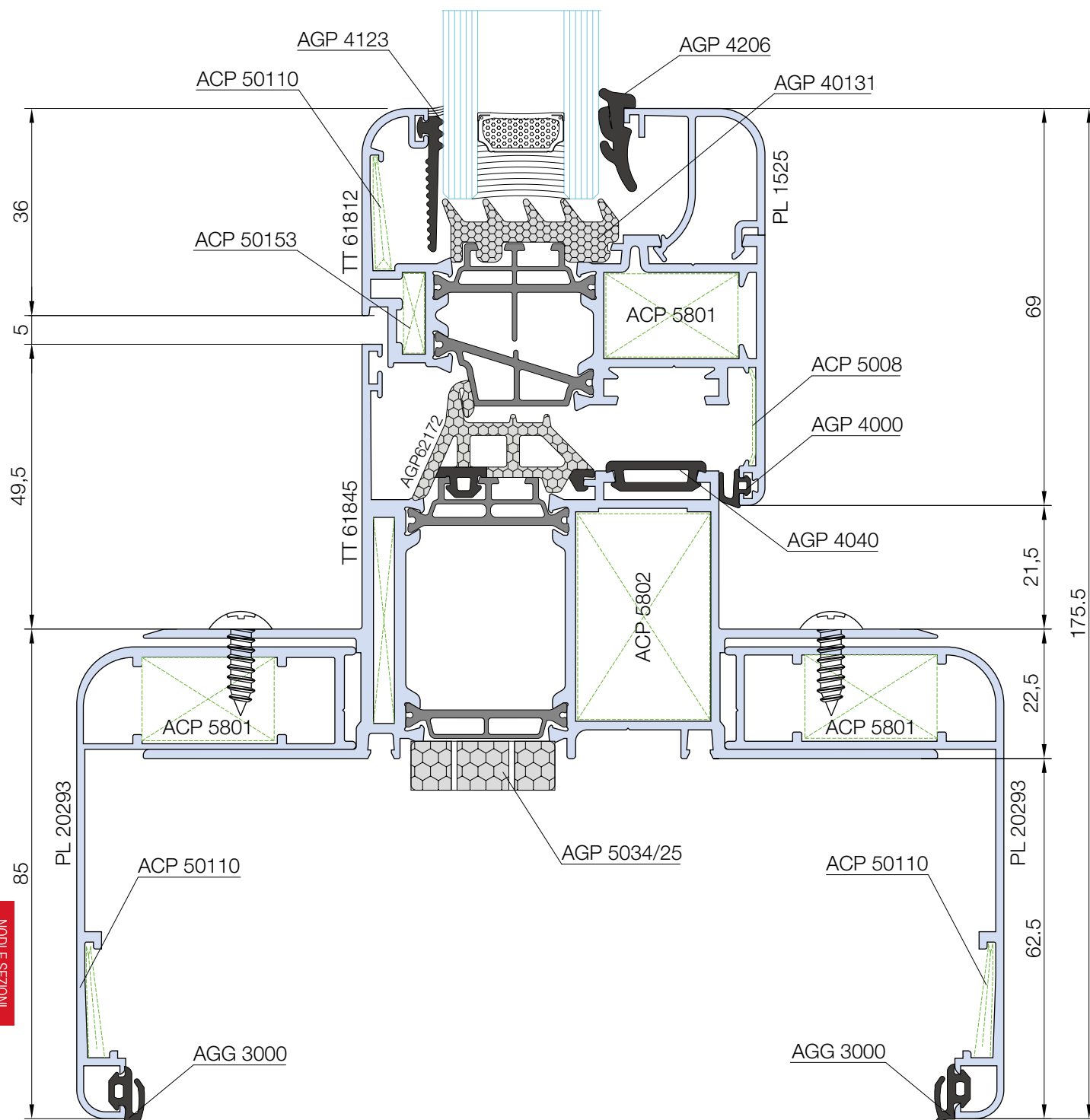
Industrial shed with wall profiles - perimetral section



NODO 33

Telaio capannoni con imbotte- nodo perimetrale

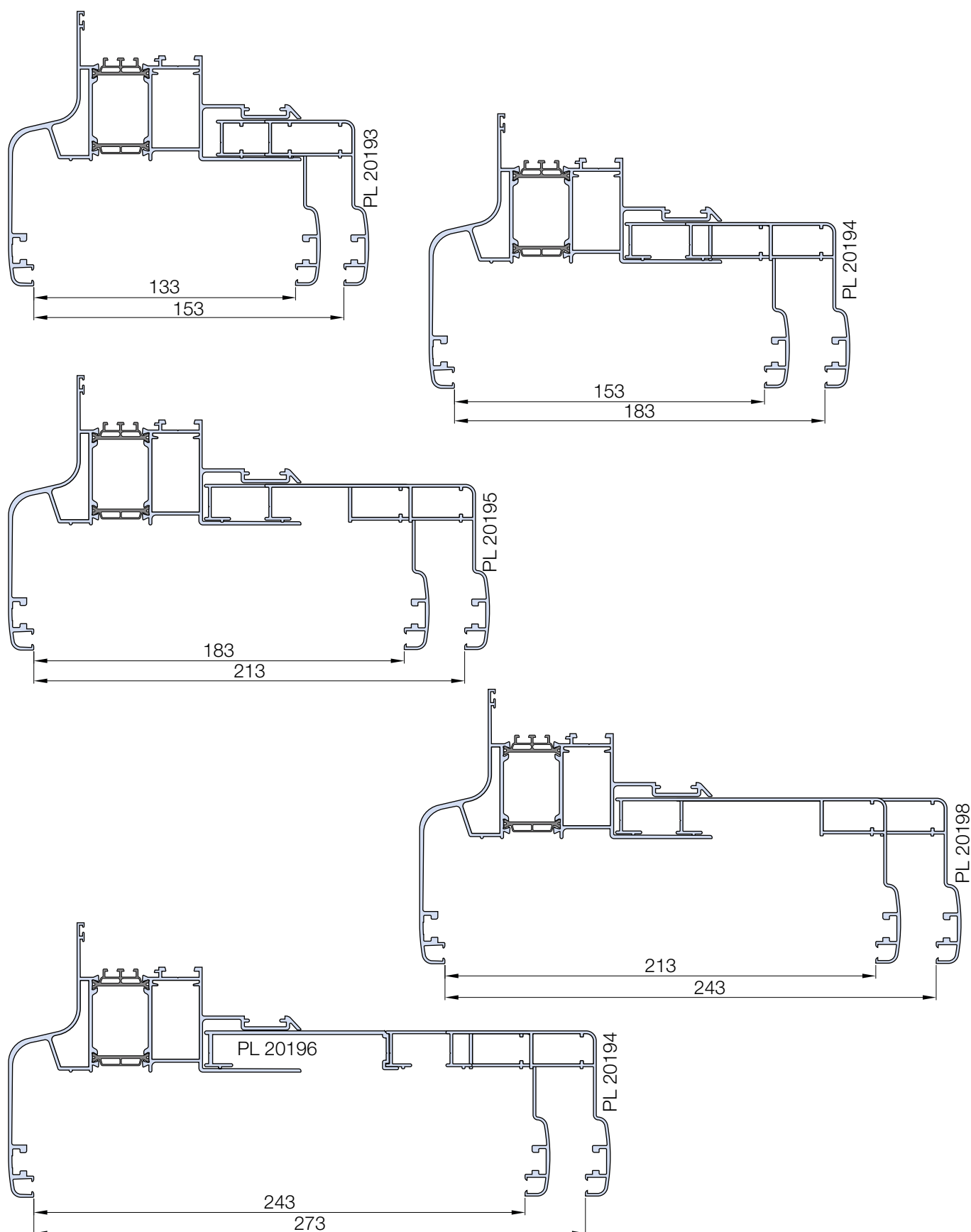
Industrial shed with wall profiles - perimetral section



NODO 34

Imbotti capannone - range d'applicazione

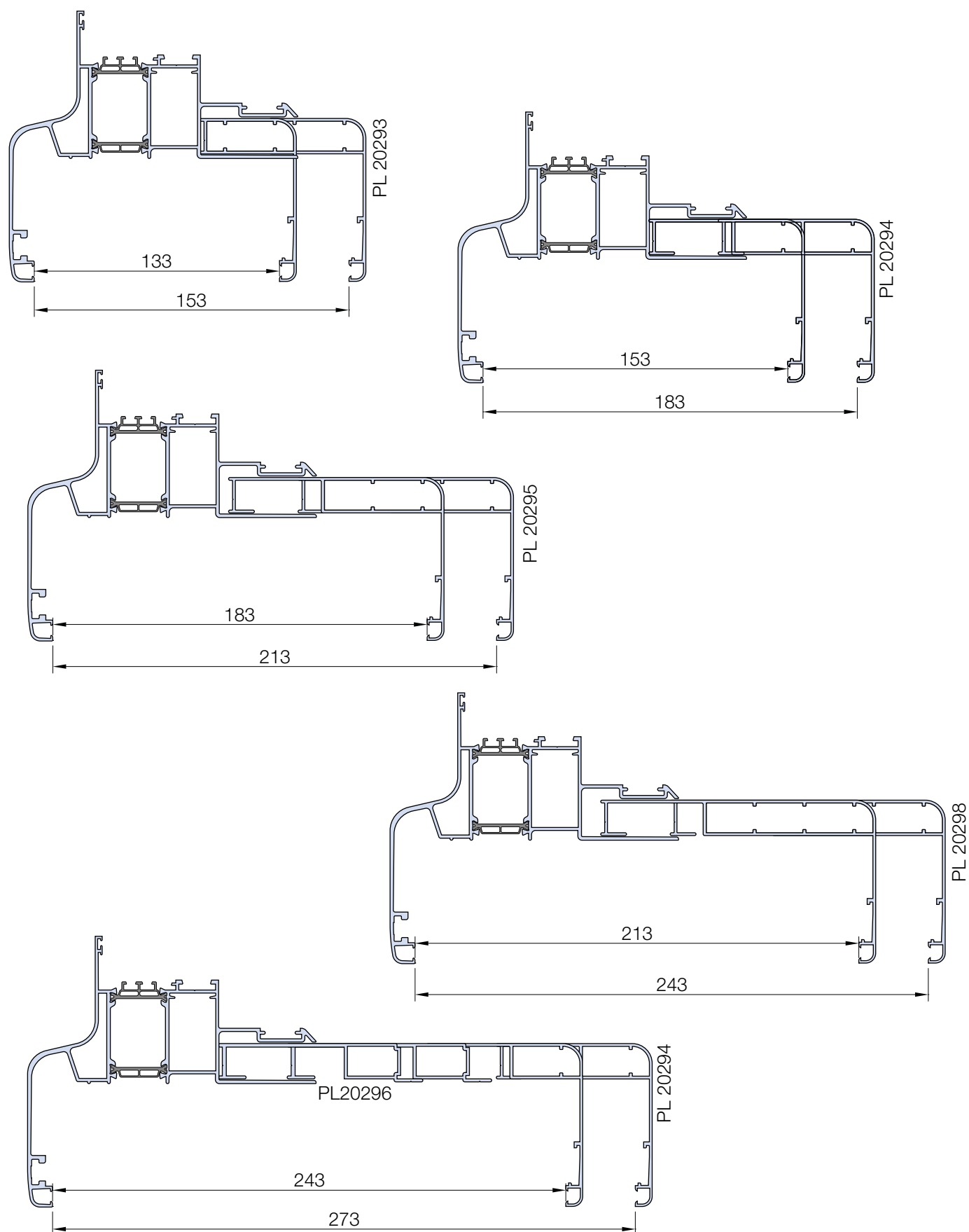
Industrial shed with wall profiles - range of application



NODO 35

Imbotti capannone - range d'applicazione

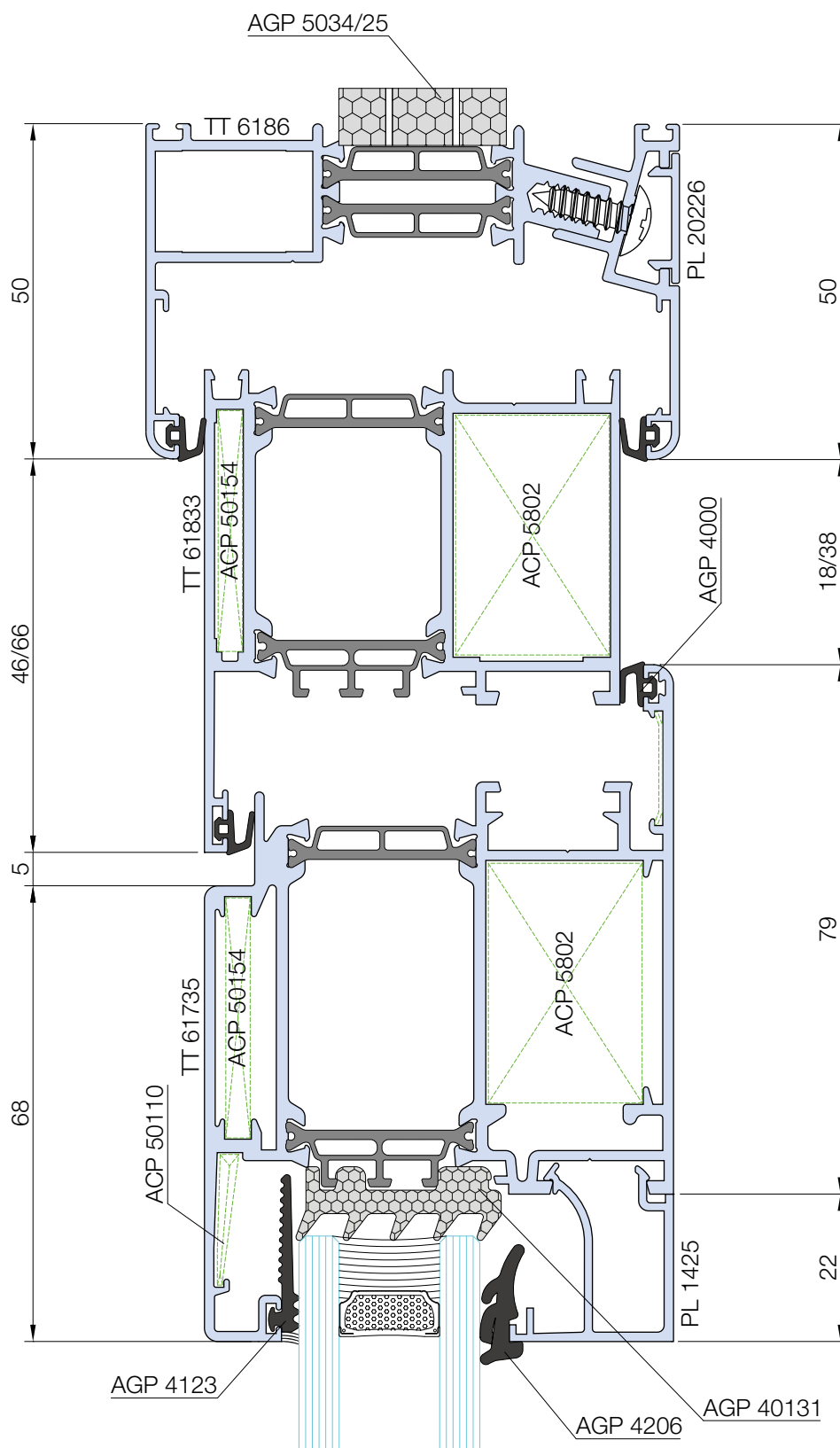
Industrial shed with wall profiles - range of application



NODO 36

Finestrature a nastro - nodo superiore

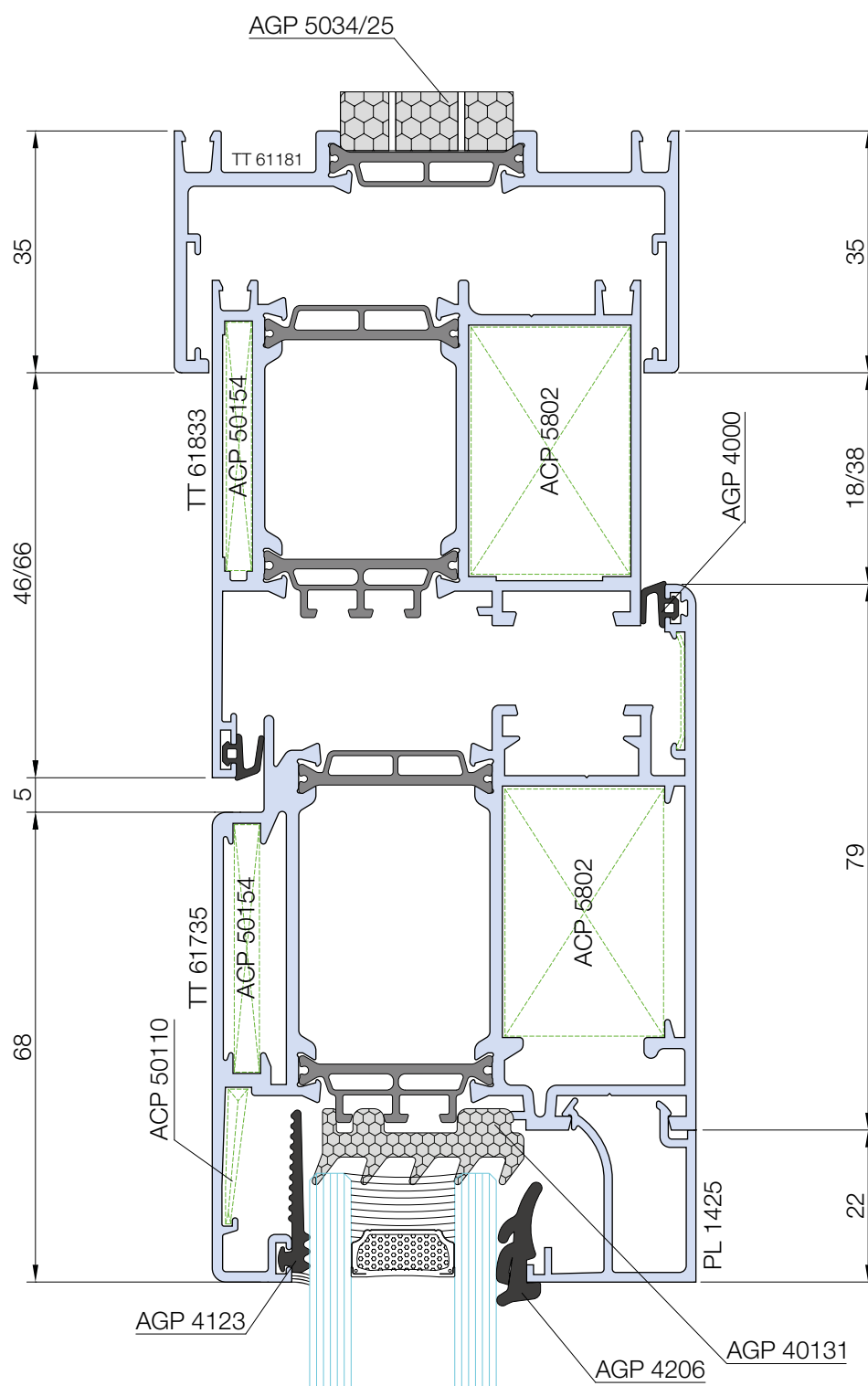
Ribbon windows - upper node



NODO 37

Finestrature a nastro - nodo superiore

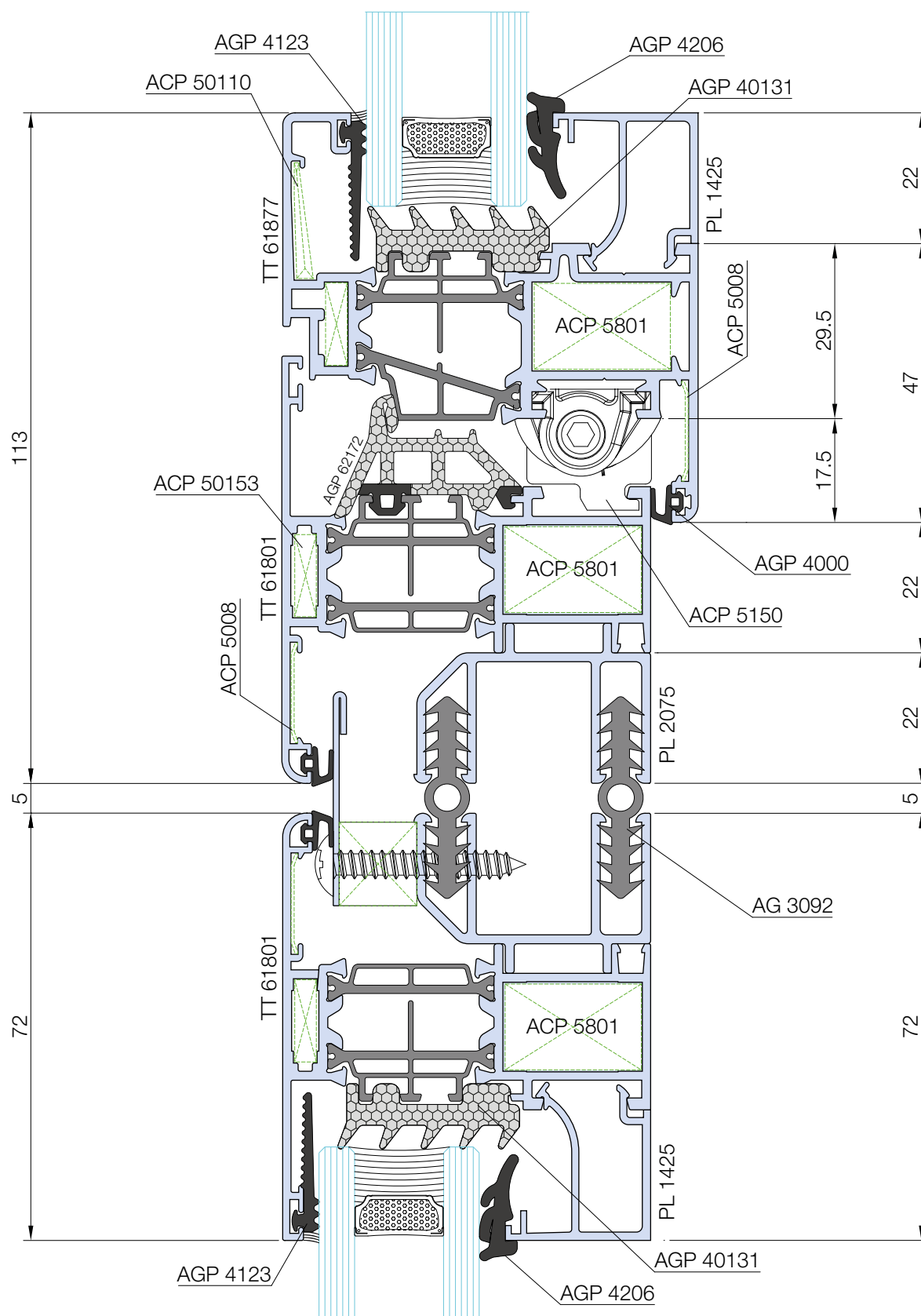
Ribbon windows - upper node



NODO 38

Finestratura a nastro - giunto di dilatazione

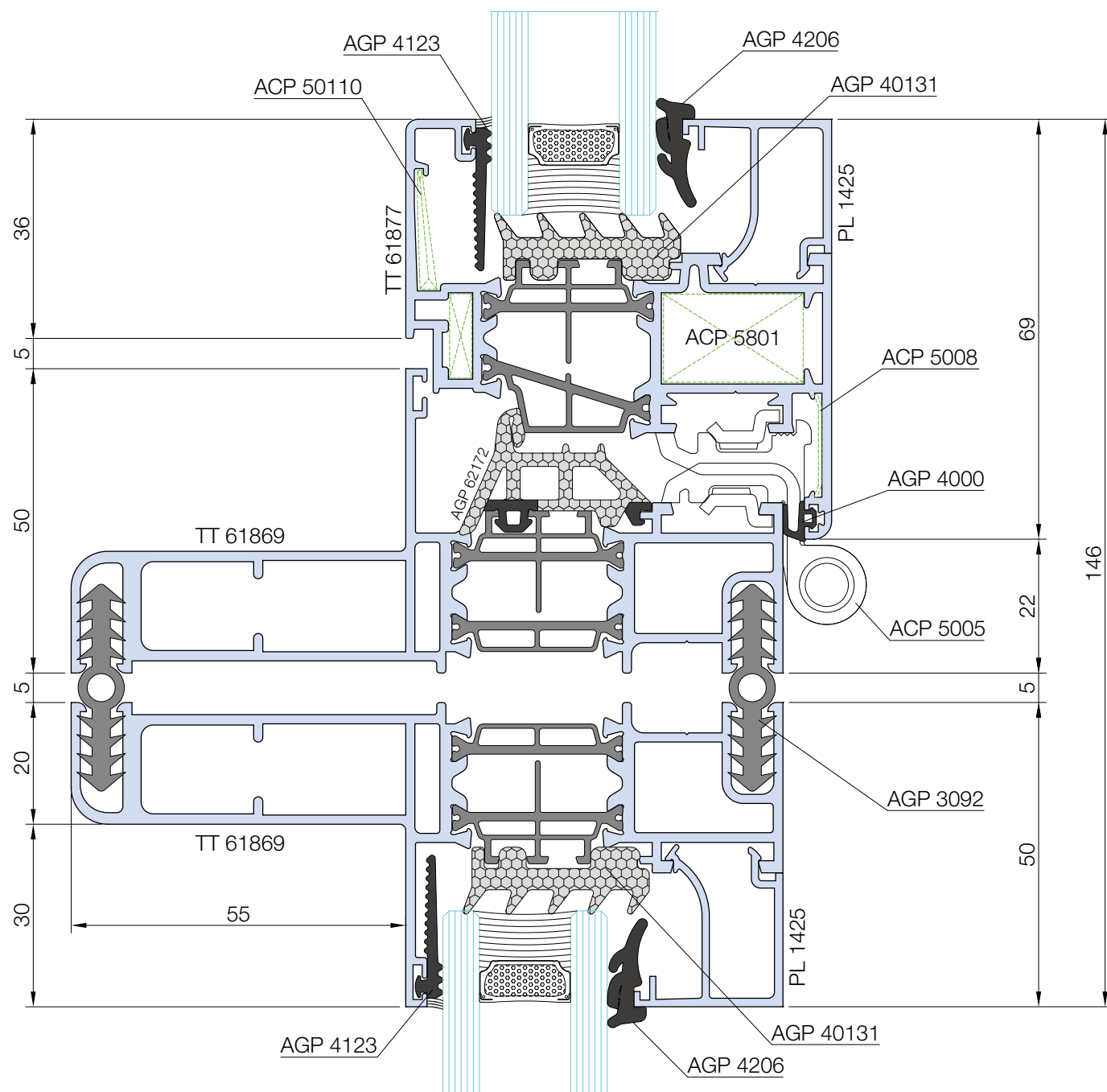
Ribbon window - expansion joint



NODO 39

Finestratura a nastro - mezza colonna

Ribbon window - half column

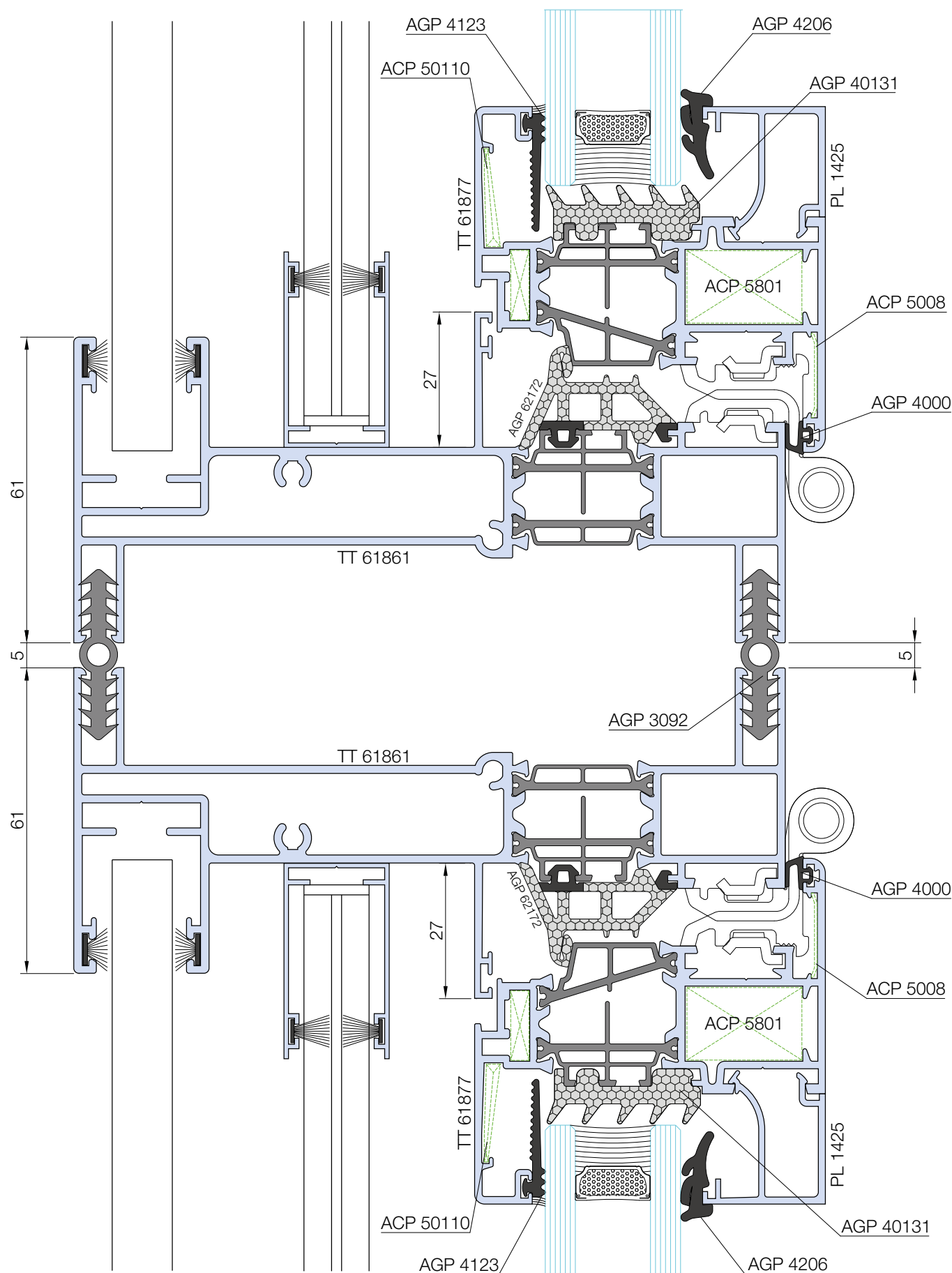


NODO 40

Finestra monoblocco a bandiera - giunto di dilatazione

Single unit casement window - expansion joint

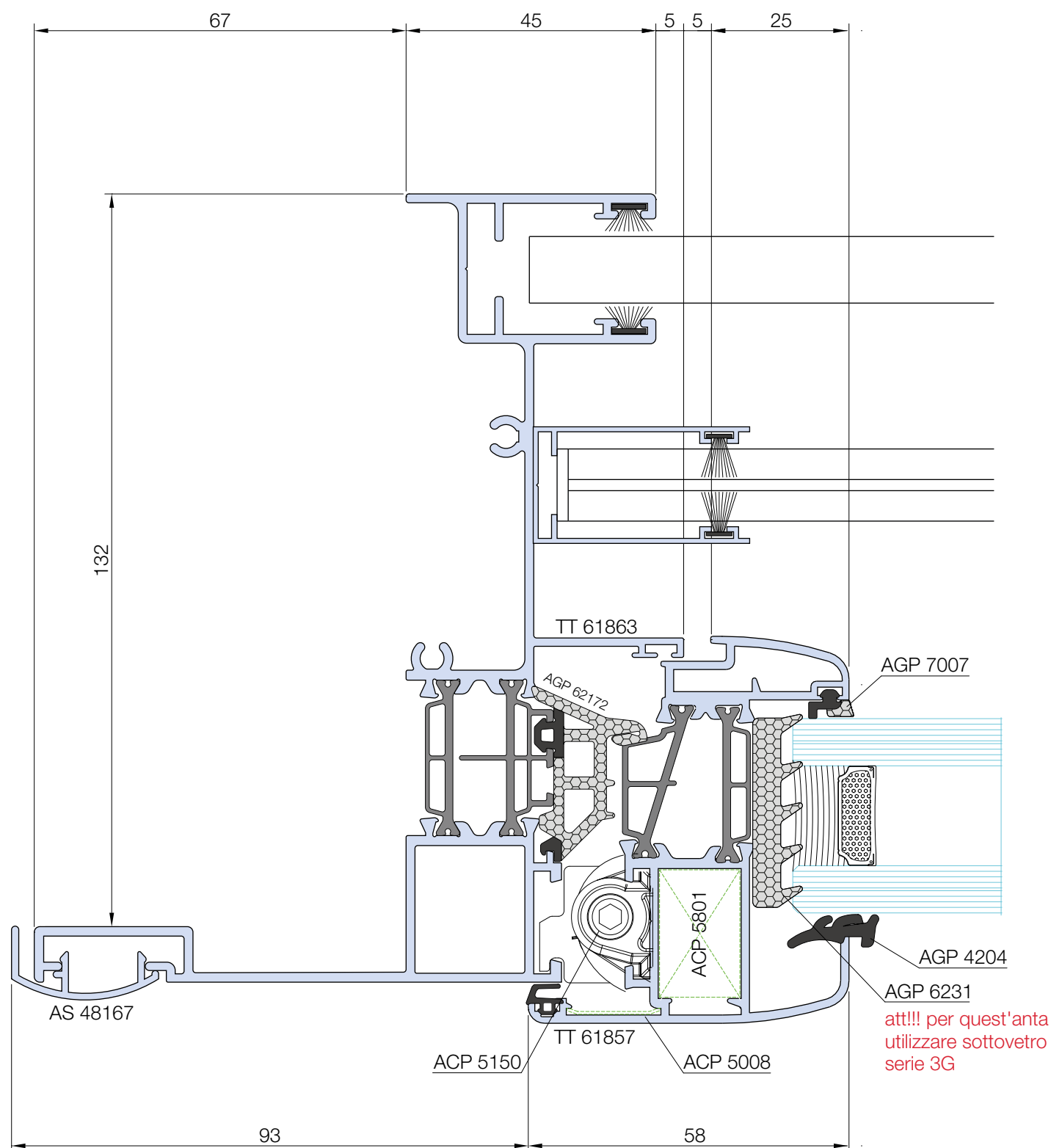
ATTENZIONE
DISEGNO FUORI SCALA



NODO 41

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

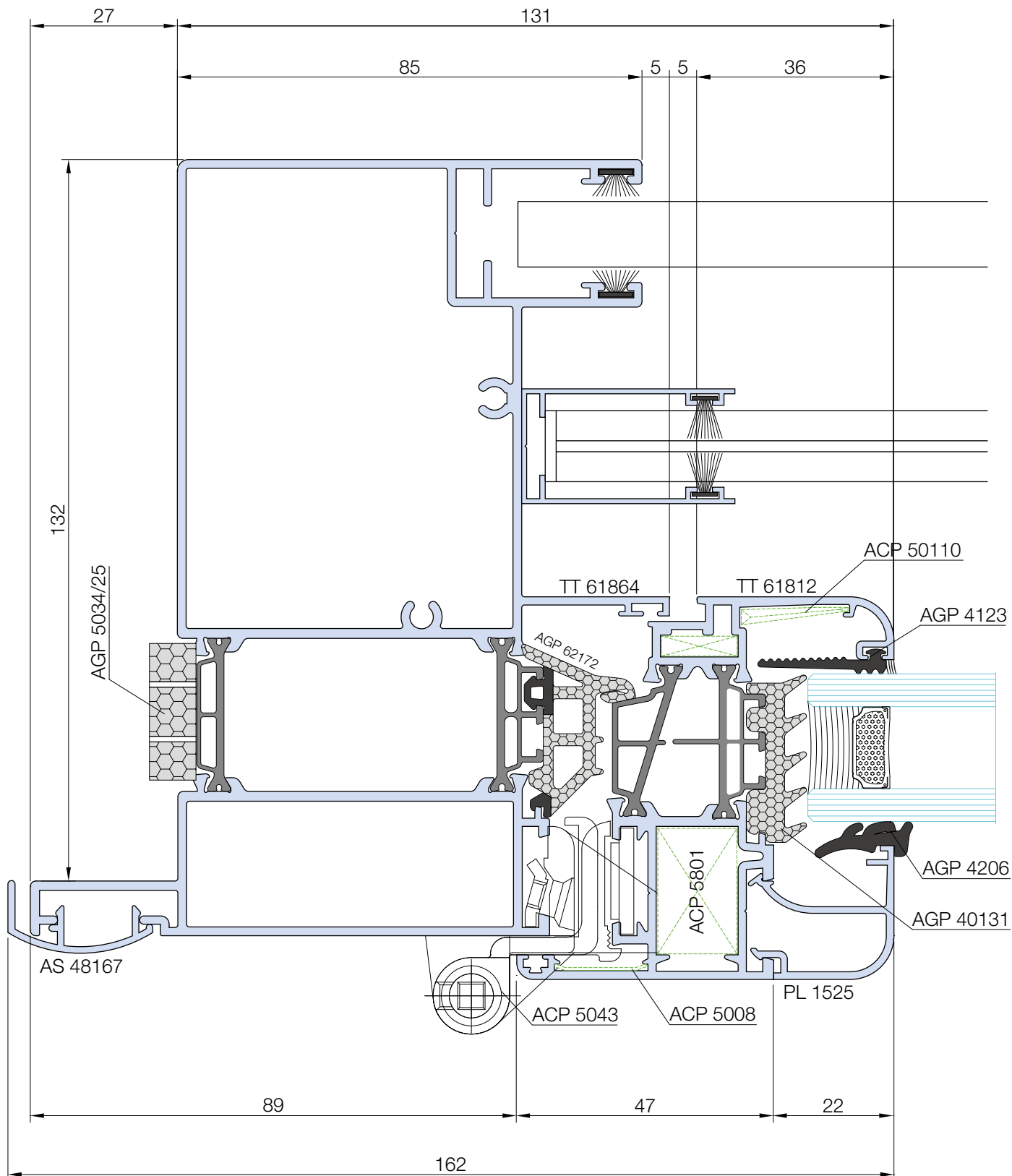
Single unit casement window open abutment with roller shutter track and mosquito net - lateral node



NODO 42

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

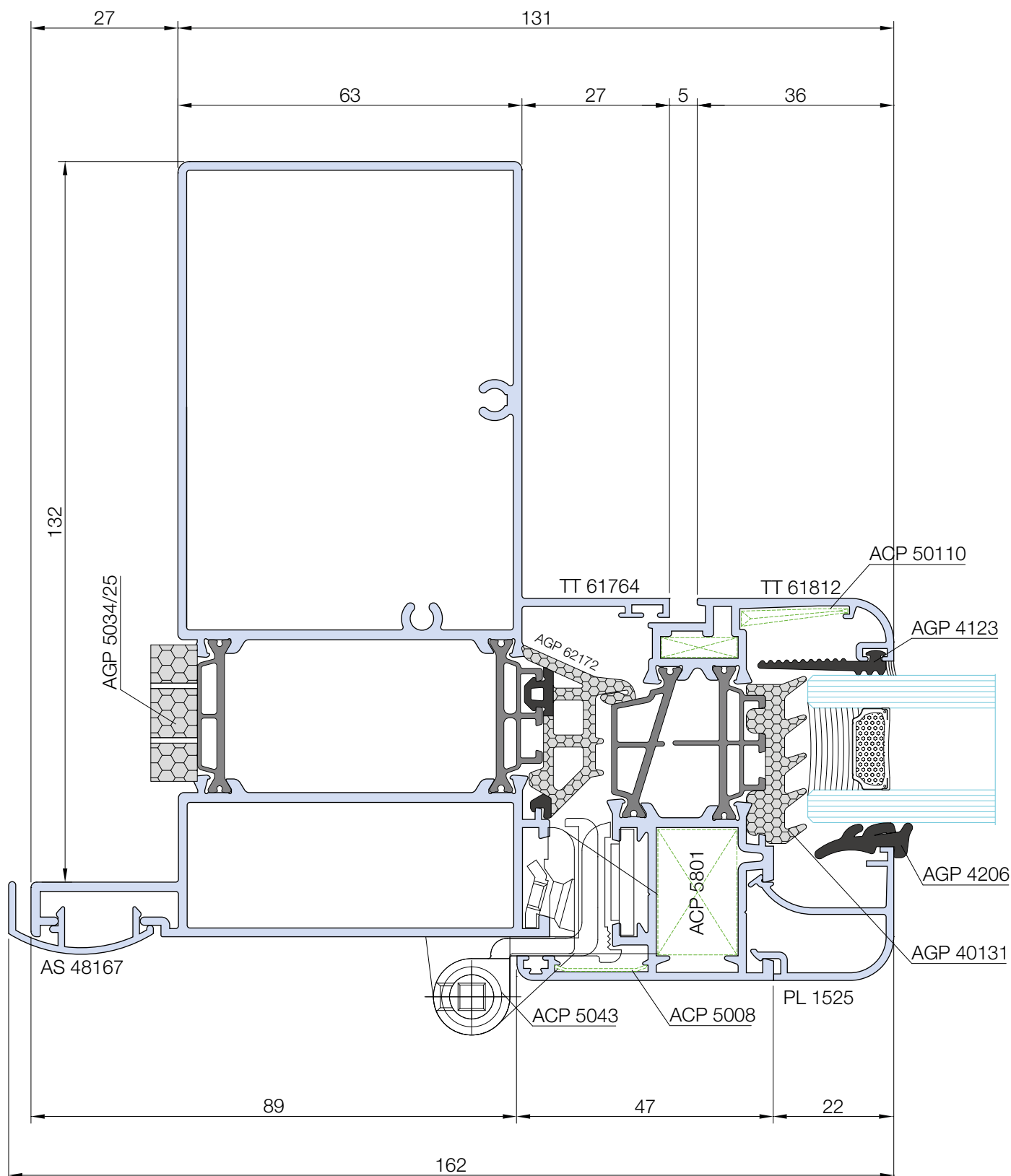
Single unit casement window closed abutment with roller shutter track and mosquito net - lateral node



NODO 43

Finestra monoblocco spalla chiusa senza guida tapparella - nodo laterale

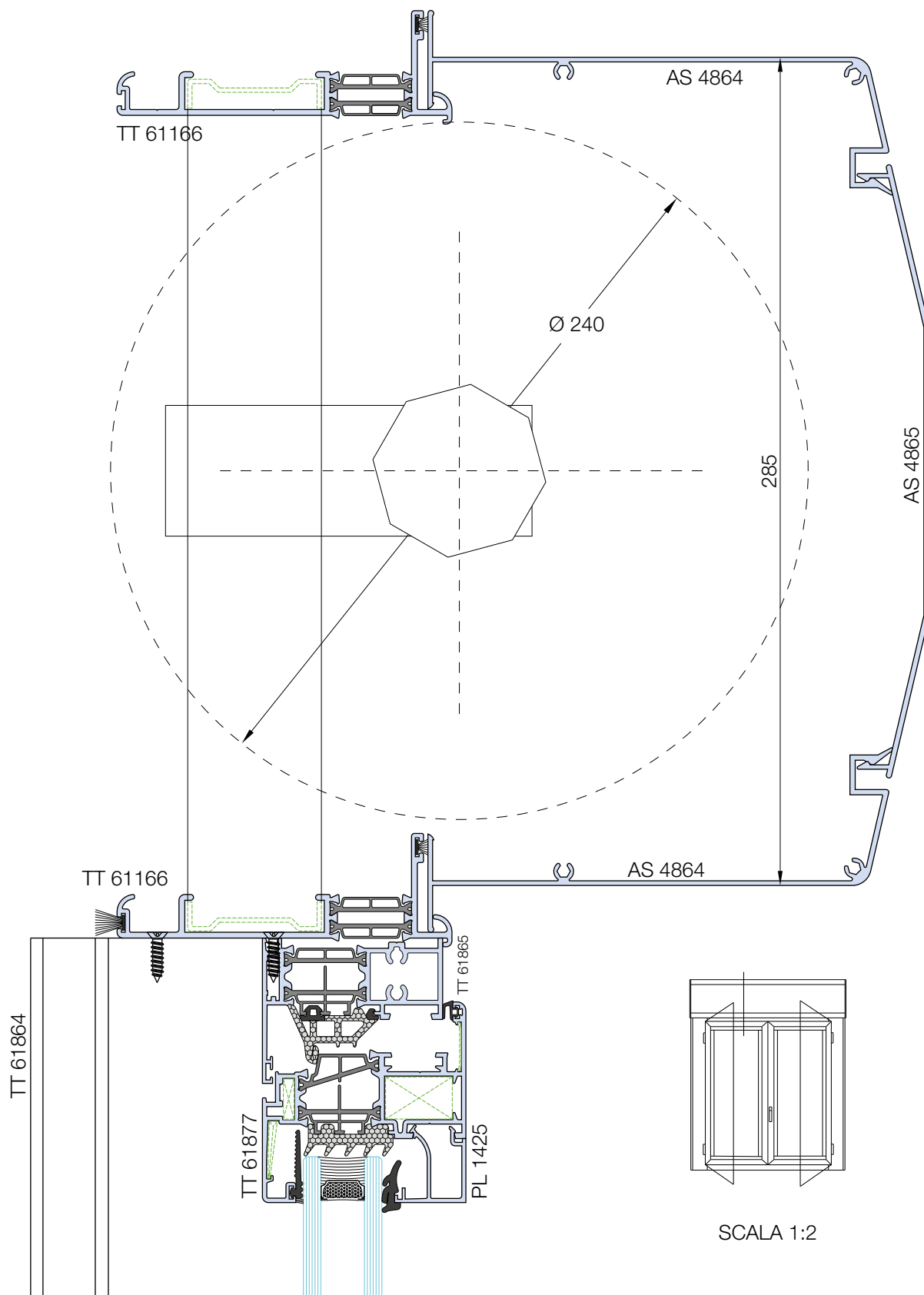
Single unit casement window closed abutment without roller shutter track - lateral node



NODO 44

Nodo cassonetto monoblocco

Single unit - casing



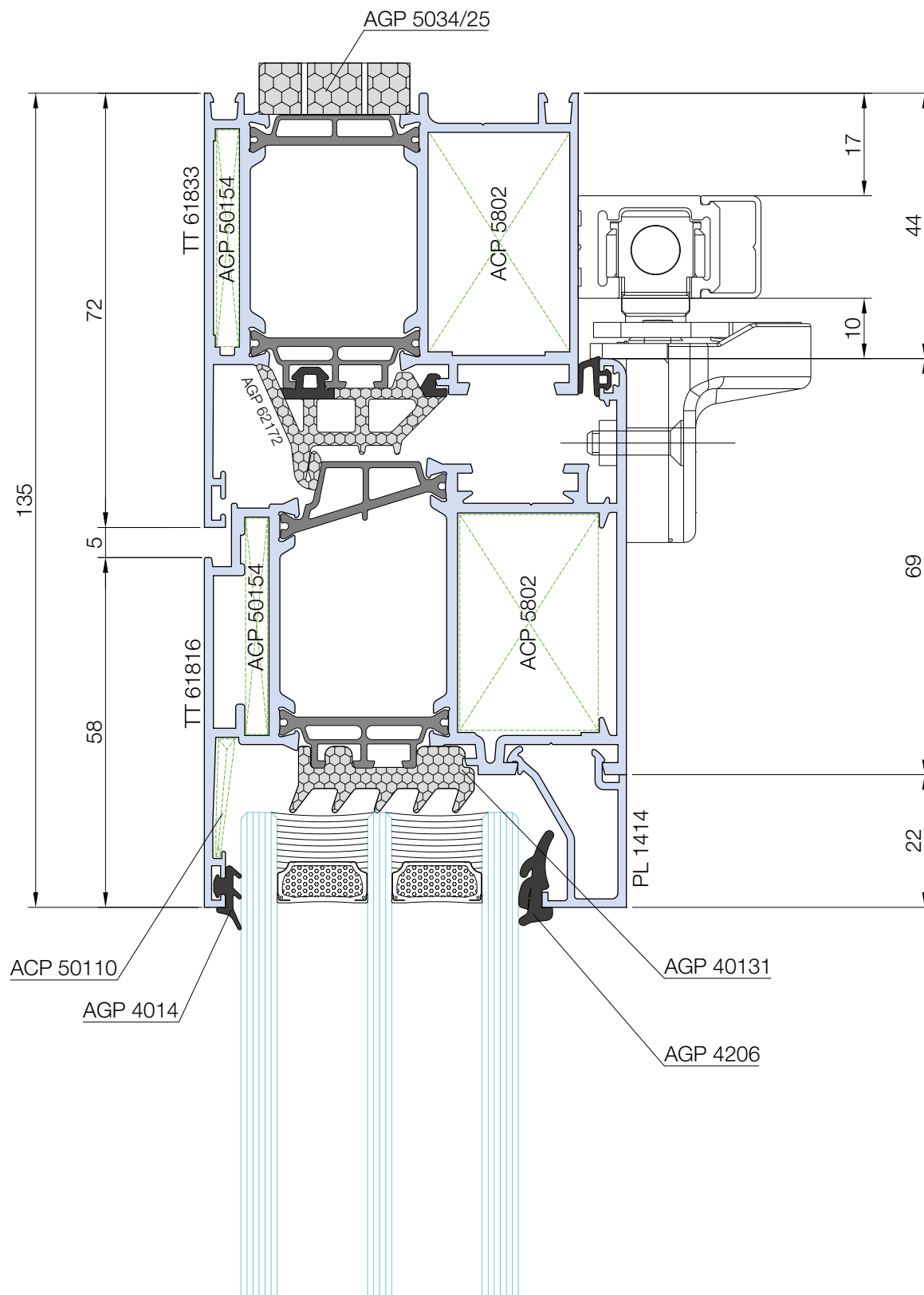
Parallel sliding - lower node



NODO 46

Scorrevole parallelo - nodo superiore

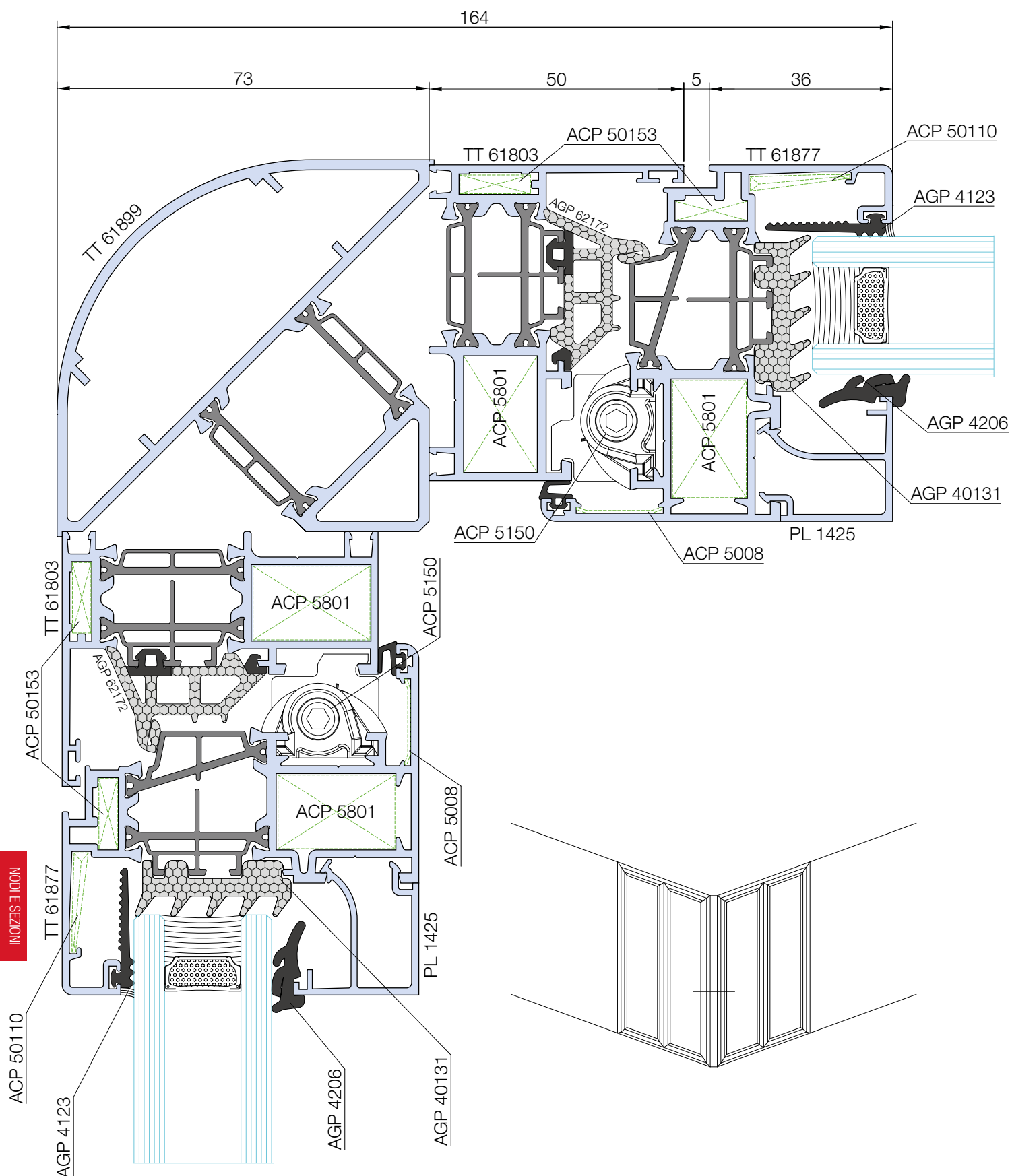
Parallel sliding - upper node



NODO 47

Finestrature a nastro - nodo d'angolo

Ribbon window - corner node

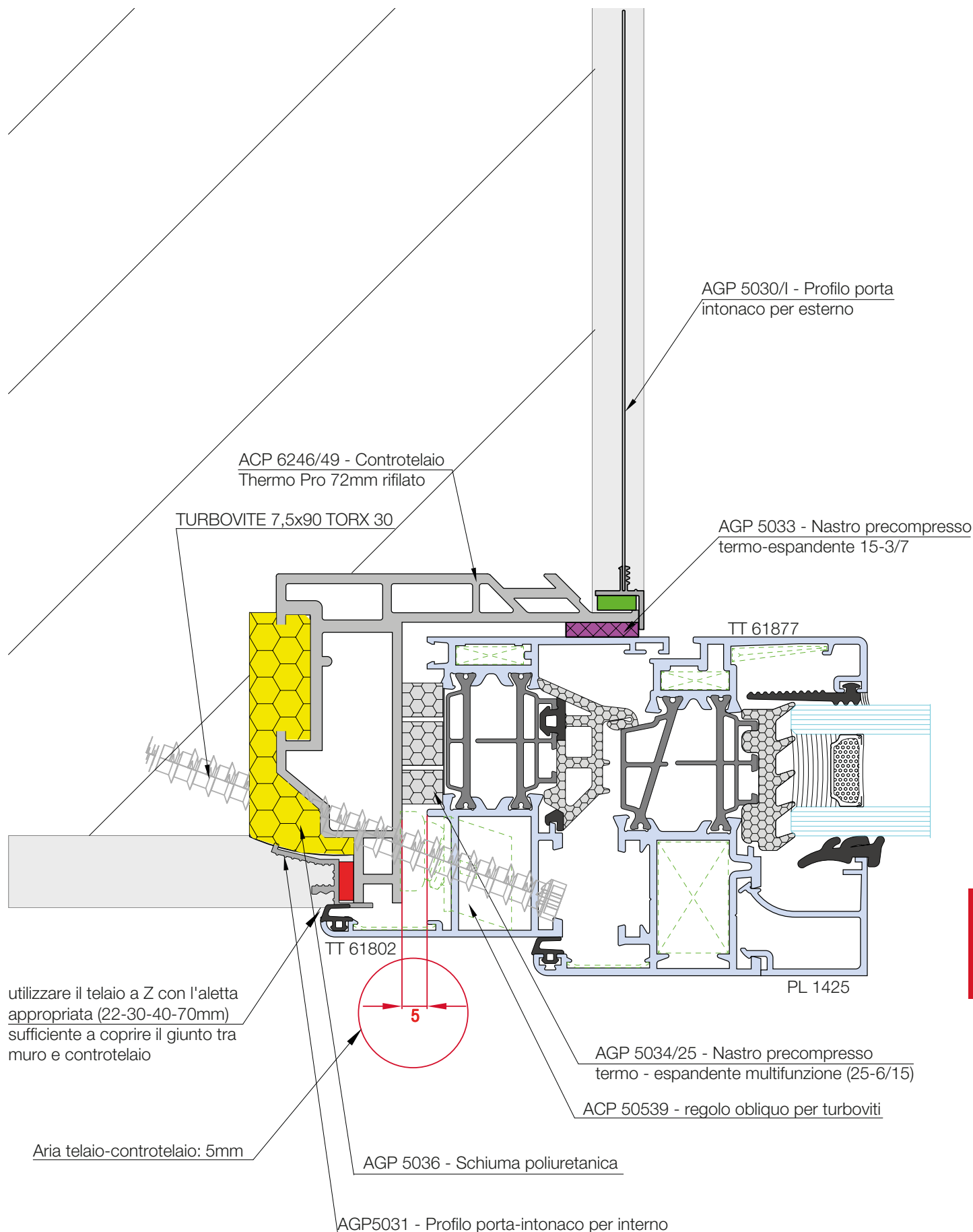


NODO 48 _ THERMOPOSA

Posa a filo muro interno in battuta, nodo laterale

Inside wall batting, lateral section

ATTENZIONE
DISEGNO FUORI SCALA

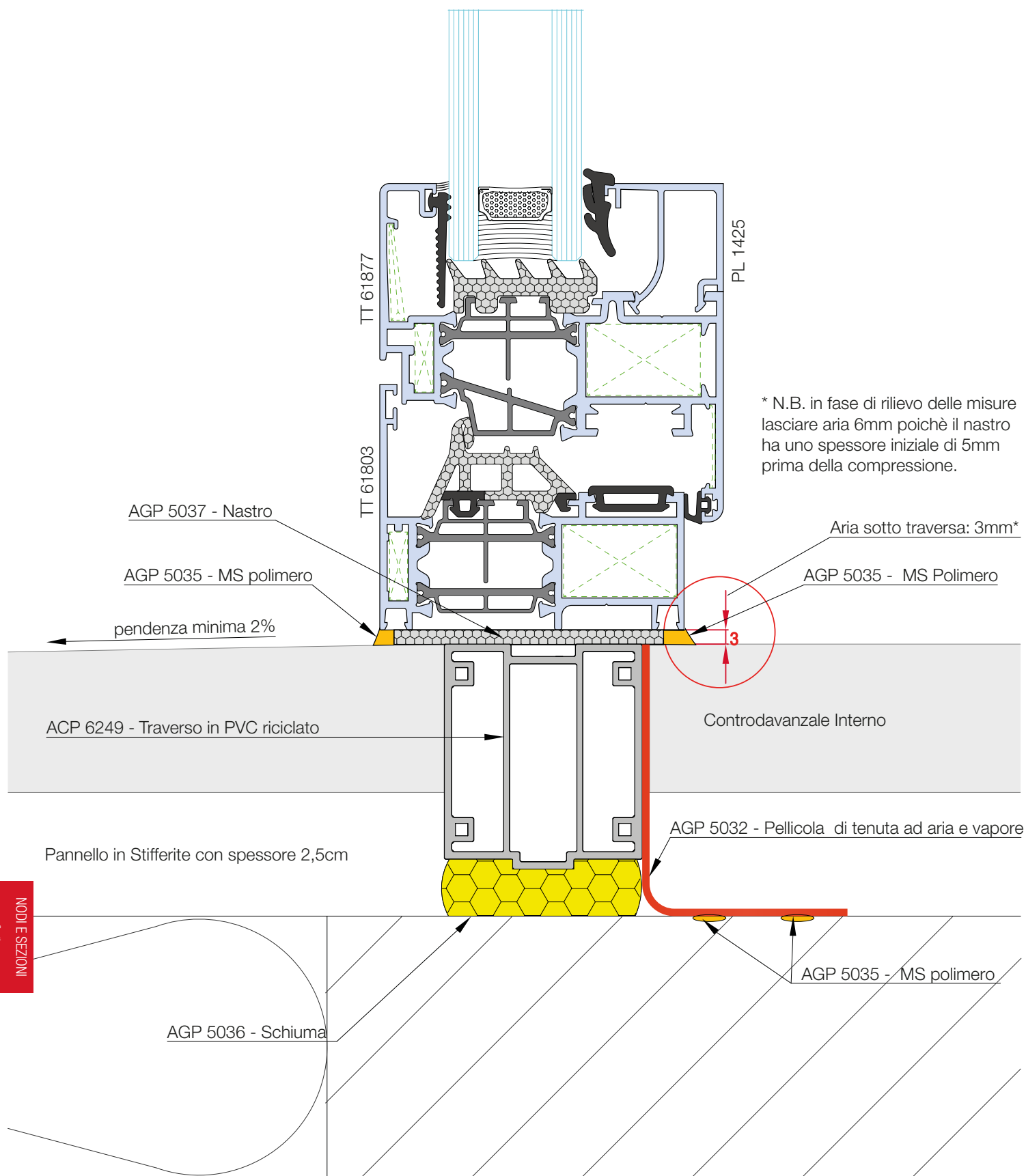


NODO 49 _ THERMOPOSA

Posa soglia

Inside wall batting, lateral section

ATTENZIONE
DISEGNO FUORI SCALA

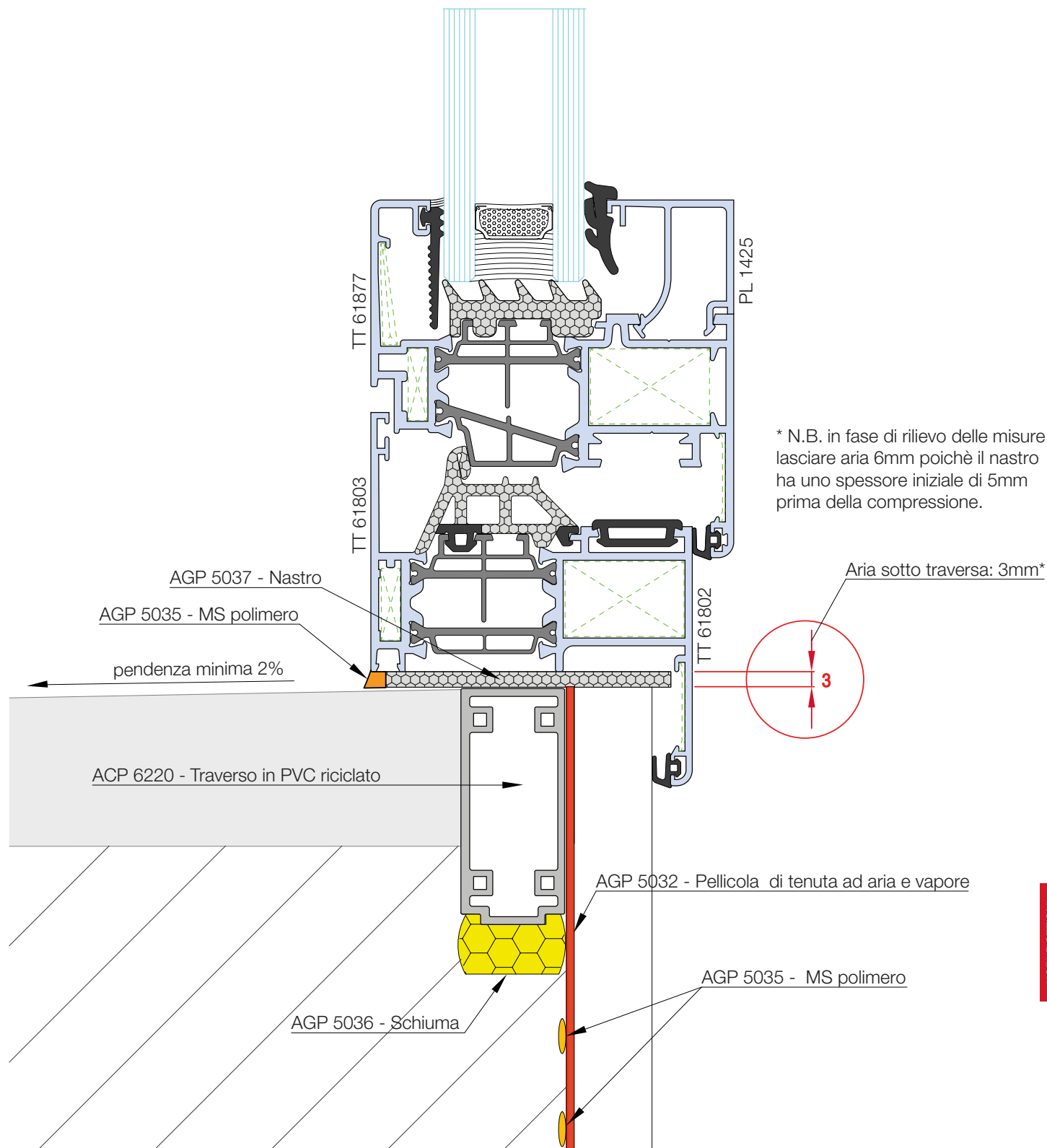


NODO 50 _ THERMOPOSA

Posa a filo muro interno, nodo a davanzale

Lowest node

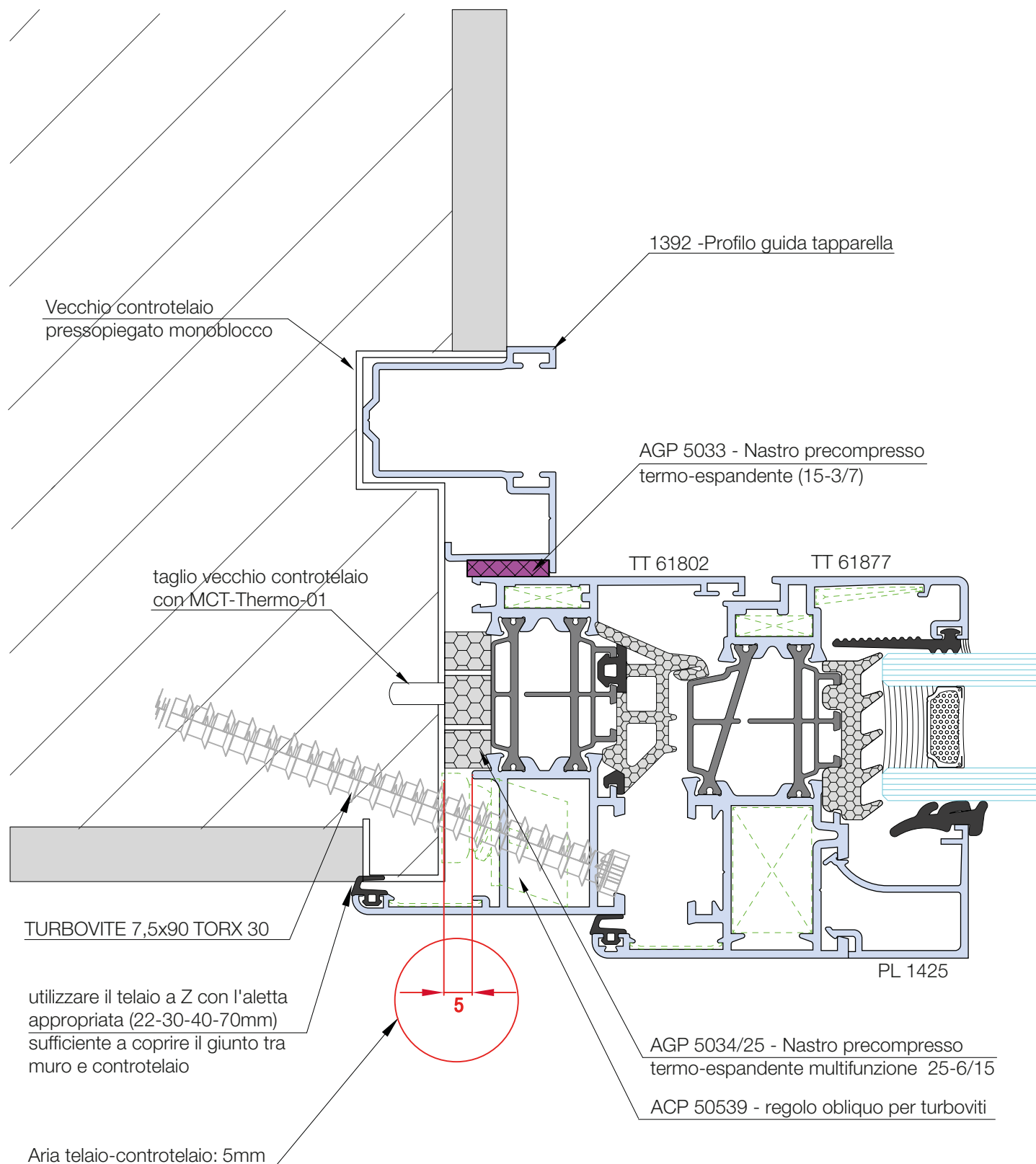
ATTENZIONE
DISEGNO FUORI SCALA

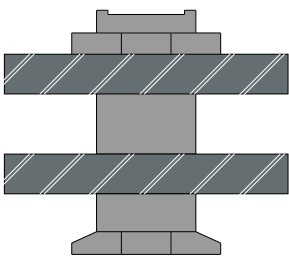
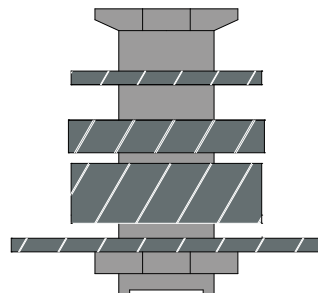


NODO 51 _ THERMOPOSA

Posa a filo muro interno in ristrutturazione con tapparella, nodo laterale

Inside wall batting, lateral section



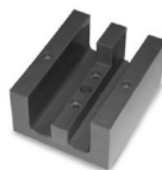
	Punzonatrice <i>Punching machine</i>	Pantografo / fresatrice / centro di lavoro <i>Pantograph / cutter / machine center</i>
	MCT PL 06PT Gruppo frese per serie Planet 62 Plus solo vetro da infilare. Spazio vetro 30mm <i>Cutting machine for the Planet 62 Plus range, only beadless glazing version glass gap 30mm</i>	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 <i>This punching machine performs all the specific machining for the Planet range: 45, 50TT, 62TT, Matic, Elite Door and partials Nathura and Slide</i>
	MCT PL 14460 Punzonatrice completa per eseguire tutte le lavorazioni specifiche delle serie: Planet 45, 50TT, 62 PLUS, 72HT, Nathura70, 82, 92 Matic 50, 62 PLUS, 72, Elite door 72 e telai Slide 80/160, Slidewood 160 <i>Full punching for machining for: Planet 45, 50TT, 62TT, 72HT Nathura70, 82, 92, Matic 50, 62, 72, Elite Door 72 and Slide 80/106, Slidewood 160</i>	MCT PL 402 01 96 Polmoncino per lavorazione squadretta a spinare Planet <i>Pneumatic machine for machining brackets to be pinned of the Planet range</i>
	MCT PL 319 06 35 Punzonatrice portatile per fare il foro 3mm nelle ante per poter spinare le squadrette ACP 50153 e ACP 50154 <i>Portable punching machine for making the 3mm hole in the leaf for broaching the brackets ACP 50153 and ACP 50154</i>	MCT PL 402 01 98 Polmoncino per lavorazione squadretta con pulsante da 10,5mm <i>Pneumatic machine for machining brackets with pushbutton 10,5mm</i>
	MCT PL 37 PT Questo gruppo fresa lavora profili della serie Planet 62 Plus ad eccezione del vetro ad infilare <i>Cutting machine for the Planet 62 Plus range, except glass insert</i>	MCT PL PL01 Punzonatrice per fare il foro 3mm nell'anta per poter spinare ACP 50153 e ACP 50154 <i>Punching machine for making the 3mm hole in the leaf for broaching ACP 50153 and ACP 50154</i>
	MCT PL 350 431/45 Fresa per intestatura fermavetri arrotondati qualora si volessero tagliare a 45° senza utilizzare gli angoletti. Il kit è utilizzabile sulle intestatrici EM140G <i>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</i>	MAC 210 SC Spino cianfrinatrice pneumatica universale <i>Pneumatic crimping machine</i>



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 utilizzar 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



MCT PL 402 02 28

Kit completo per spino cianfrinare profili Planet 50TT e 62 PLUS composizione:

- n° 5 cp di coltelli per Planet 50TT
- n° 5 cp di coltelli per Planet 62 PLUS
- n° 4 kit spessori
- ferro a epsilon

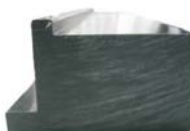
I kit sono utilizzabili sulle spinocinfratrici MAC 210SC

Complete kit for broaching/crimping profiles Planet 50TT and 62TT. Includes:
 · 5 pairs of blades for Planet 50TT
 · 5 pairs of blades for Planet 62TT
 · 4 shim kits
 · Y iron
the kits can be used on broaching-crimping machines MAC210SC



ACP 6000

Kit controsagome per troncatrici Emmegi



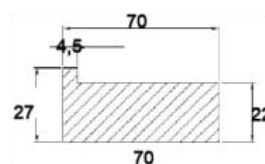
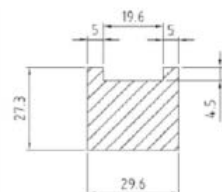
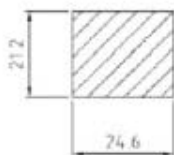
Shape Kit for Emmegi machine



EM 140G

Intestatrici per fermavetri arrotondati con morsa e gruppo frese

Glazing bead fixing machine



ACP 6001

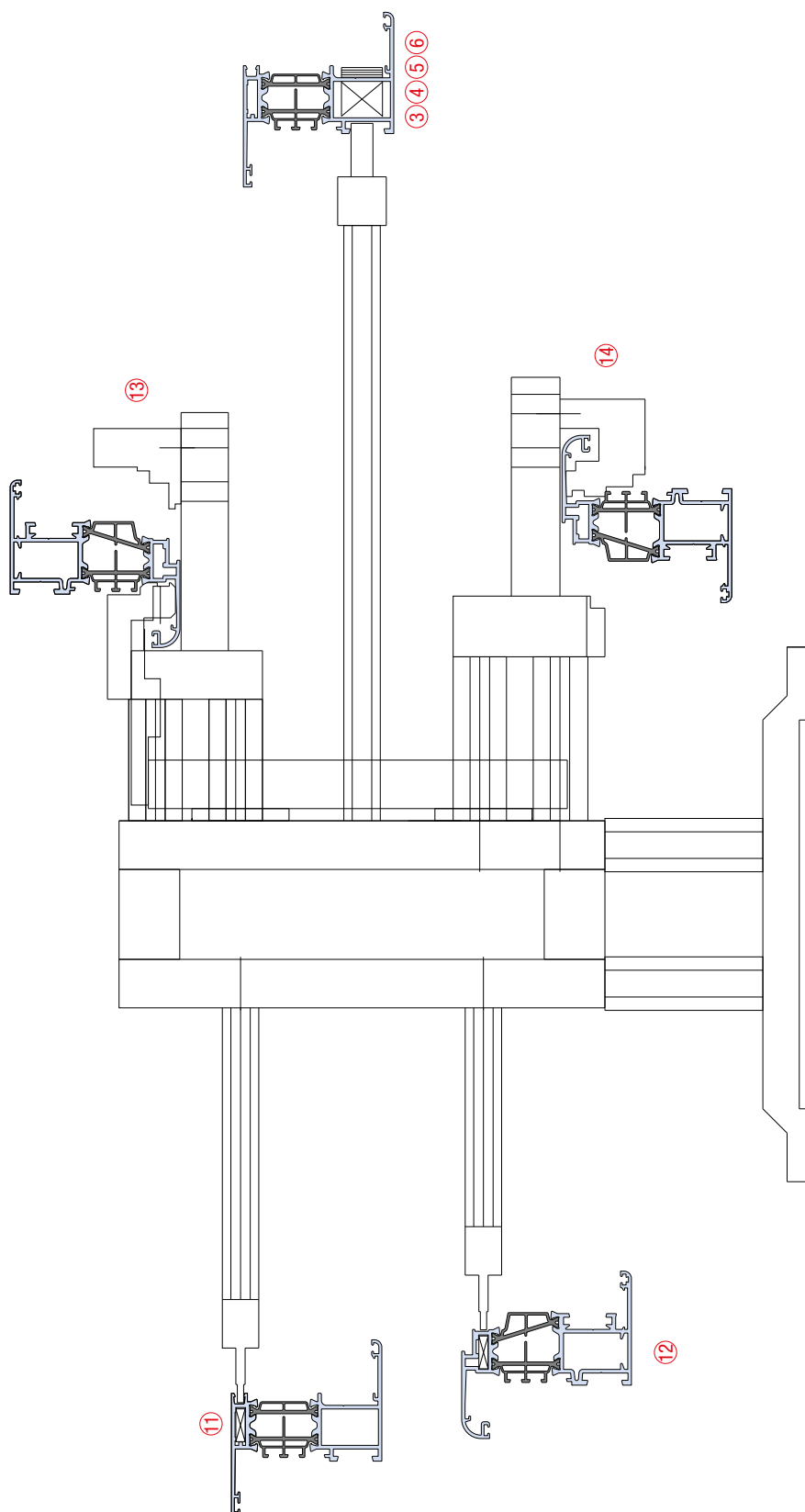
Kit controsagome per troncatrici (escluso Emmegi)

Shape Kit for Emmegi machine

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 50153, ACP 50154 / Ø4mm hole for screw ACP 50155 bracket ACP 50153, ACP 50154
- ⑬ Asola interna per reazione anta / internal slot for leaf ventilation
- ⑭ Asola esterna per aerazione anta / external slot for leaf ventilation

MCT PL 14460

Punzonatrice completa MCT PL 14460

Milling machine MCT PL 14460

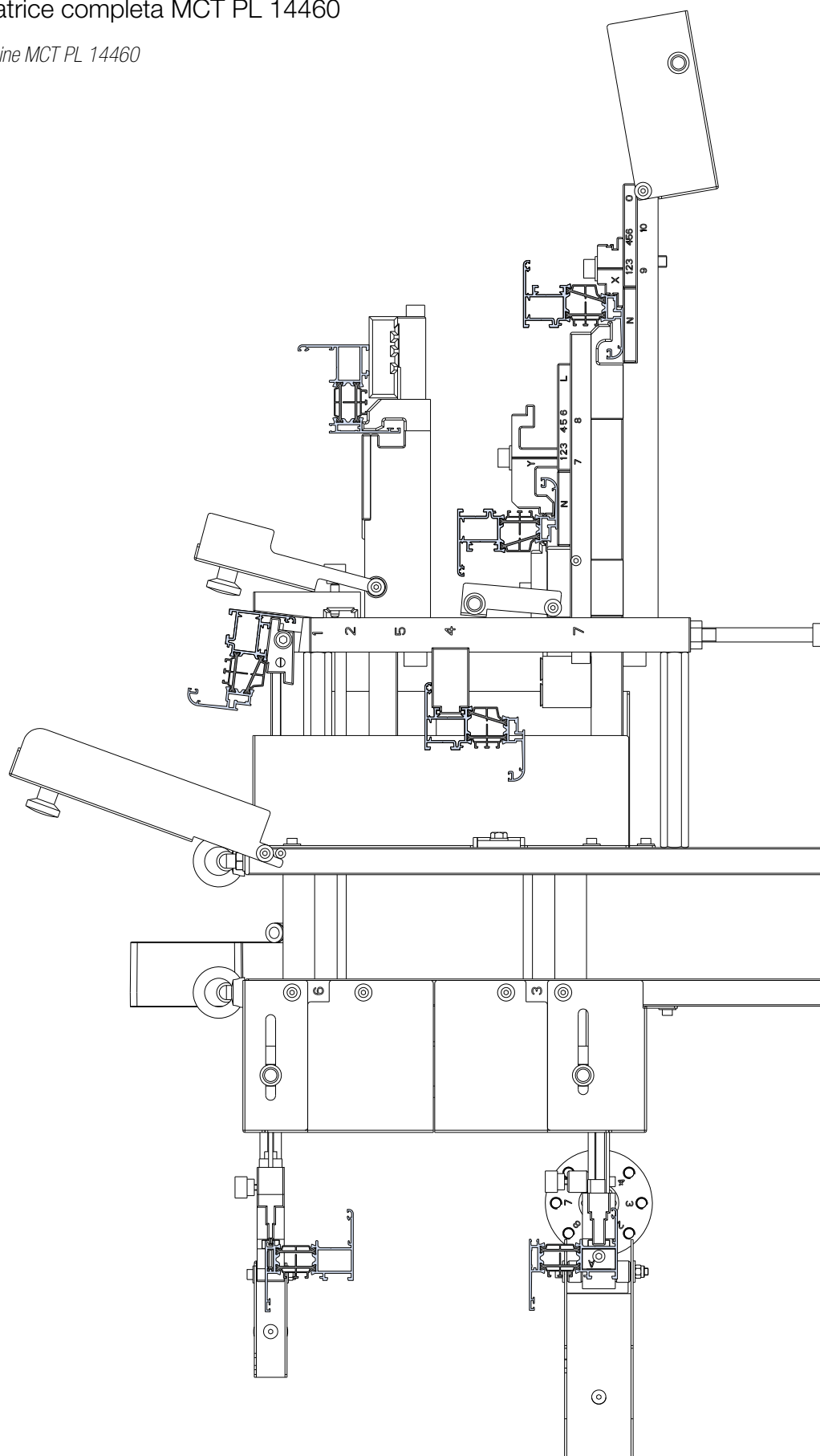


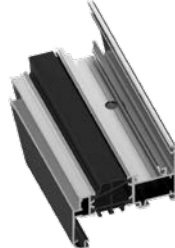
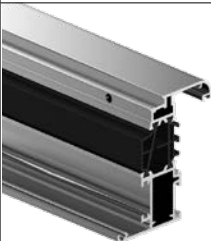
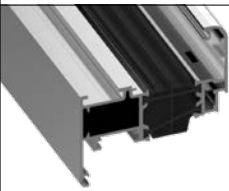
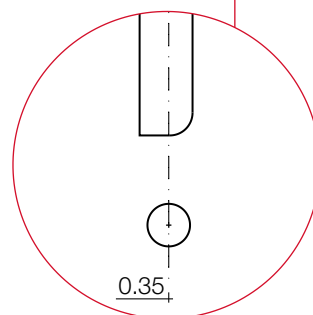
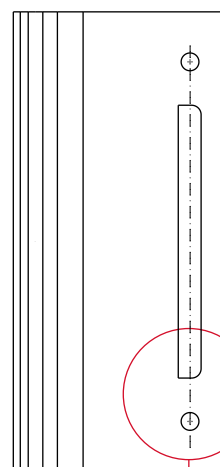
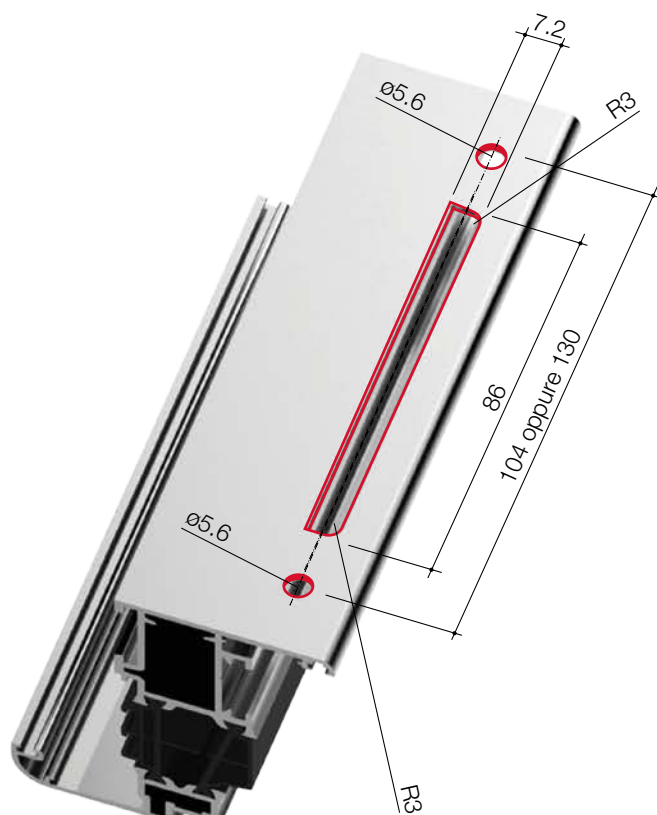
	Immagine lavorazione	Descrizione lavorazione	Lavorazione con punzonatrice MCT PL JOLLY	Lavorazione con punzonatrice MCT PL 14460
1		Asola e fori bloccaggio cremonese interasse 104mm oppure 130mm <i>slot and holes locking cremonese bolt centre distance 104mm or 130mm</i>	no	si
2		Foro astina di testa 8mm oppure passante <i>hole for head rod 8mm or passing</i>	no	si
3		Foro Ø10,5mm per aggancio e asola 14X6mm per chiave squadretta a pulsante <i>Ø10,5mm hole for fastening and 14X6mm slot for push-button bracket key</i>	si	si
4		Foro Ø10,5mm per fissaggio cavallotto <i>Ø10,5mm hole for fixing clamp</i>	si	si
5		Foro Ø8mm per fissaggio cavallotto <i>Ø8mm hole for fixing clamp</i>	si	si
6		Foro Ø8mm per spina o vite squadretta multifunzione <i>Ø8mm 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 31X6mm <i>31X6mm water drainage</i>	no	si
8		Spuntatura alette passaggio astina <i>Trimming of rod passage fins</i>	no	si
9		Foro Ø3mm per spina ACP 5030 squadretta ACP 50153, ACP 50154 <i>Ø3mm hole for pin ACP 50153, ACP 50154</i>	si	si
10		Foro Ø4mm per vite ACP 50155 squadretta ACP 50153, ACP 50154 <i>Ø4mm 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

1 

Asola e fori bloccaggio cremonese interasse 104mm oppure 130mm

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

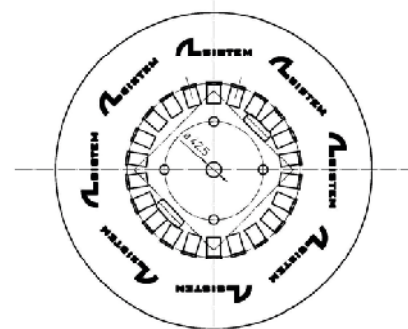
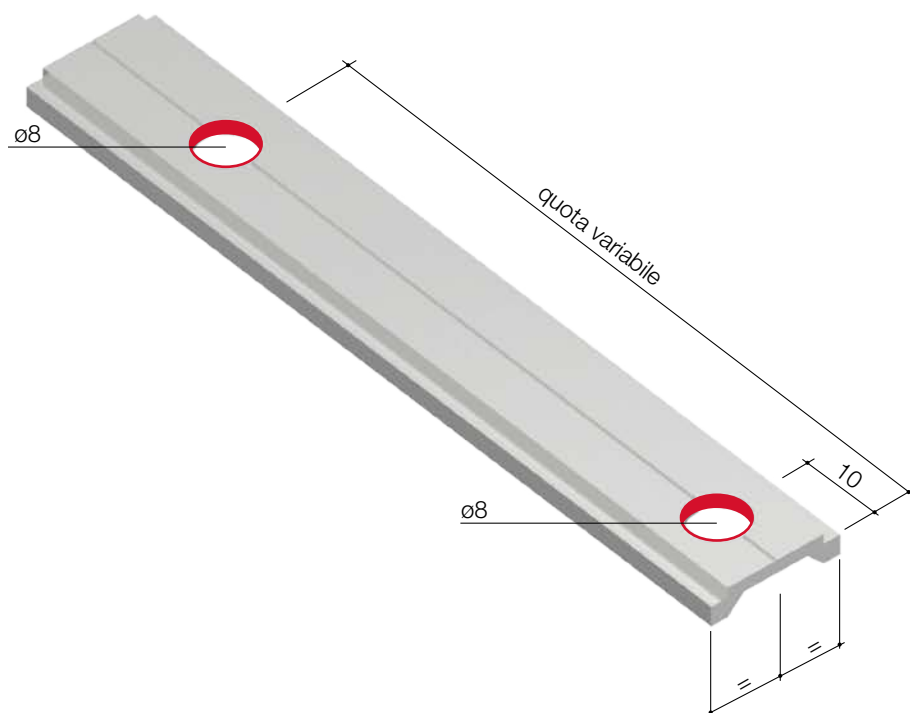


2 

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 aluminum rod AS 1000 or polyamide in TAC 1000 coil

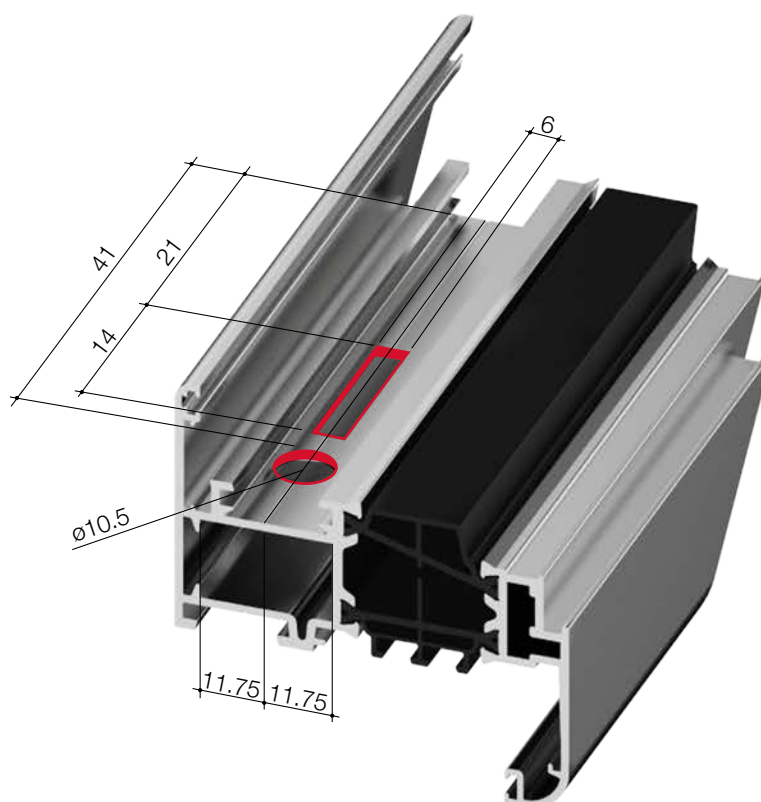


TAC 1000

3 

Foro Ø10,5mm per aggancio e asola 14X6mm per chiave squadretta a pulsante

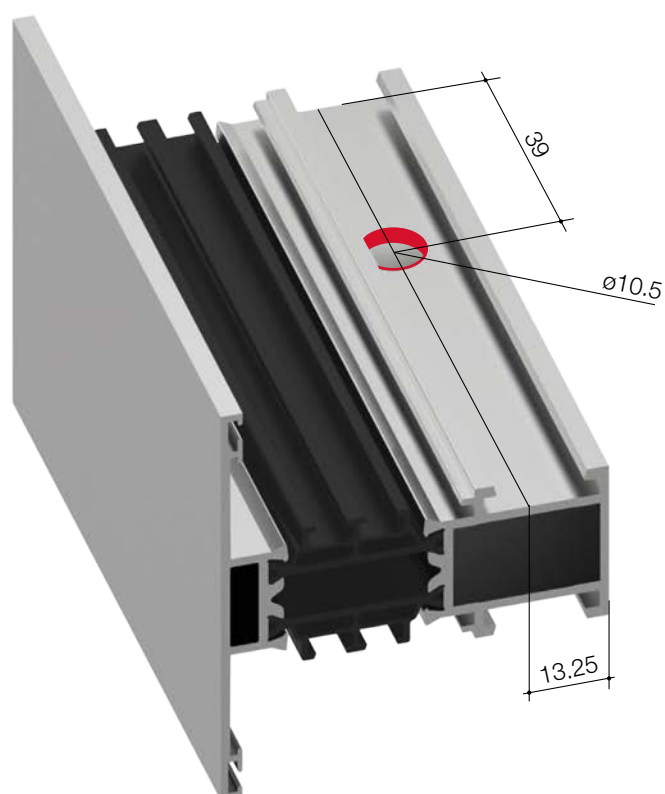
Ø10,5mm hole for fastening and 14X6mm slot for push-button bracket key



4 

Foro Ø10,5mm per fissaggio cavallotto

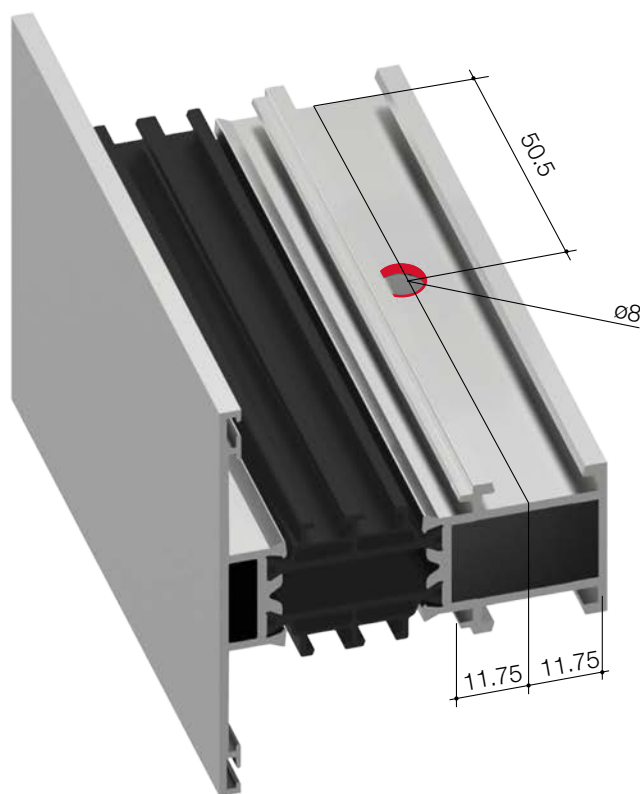
Ø10,5mm hole for fixing clamp



5 

Foro Ø8mm per fissaggio cavallotto

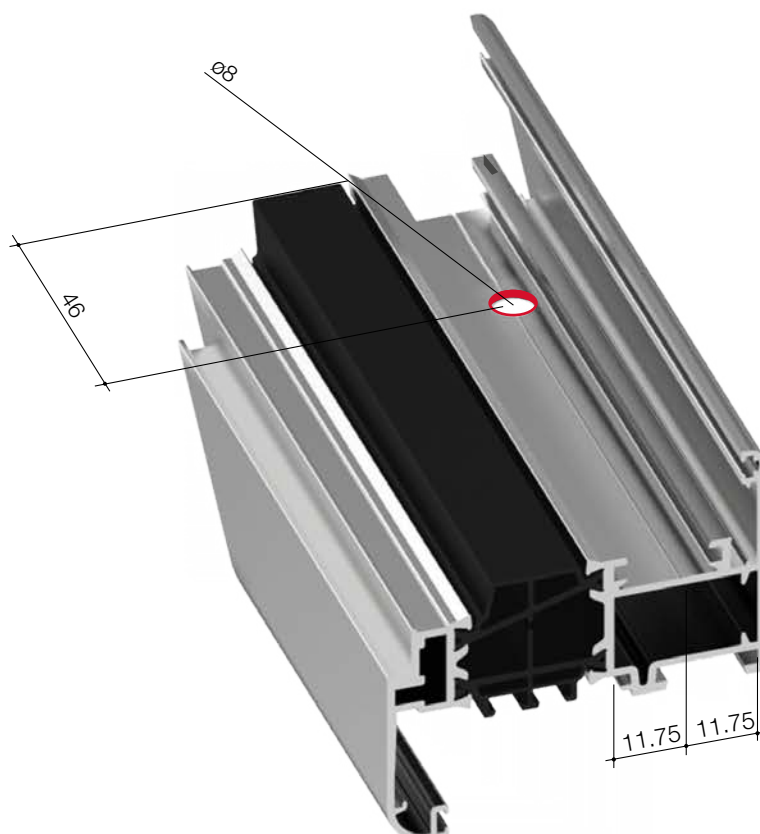
Ø8mm hole for fixing clamp



6 

Foro Ø8mm per spina o vite squadretta multifunzione

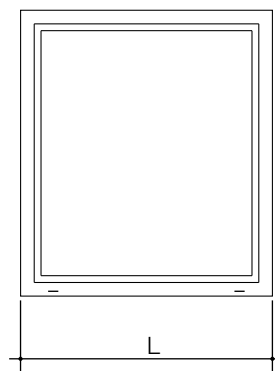
Ø8mm hole for pin or screw multi-purpose bracket





Scarico acqua 31X6mm

31X6mm 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

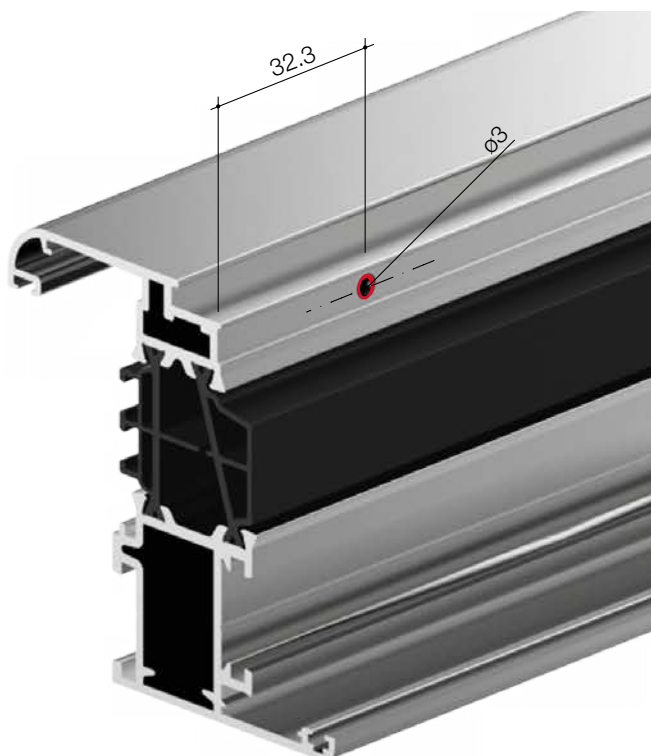
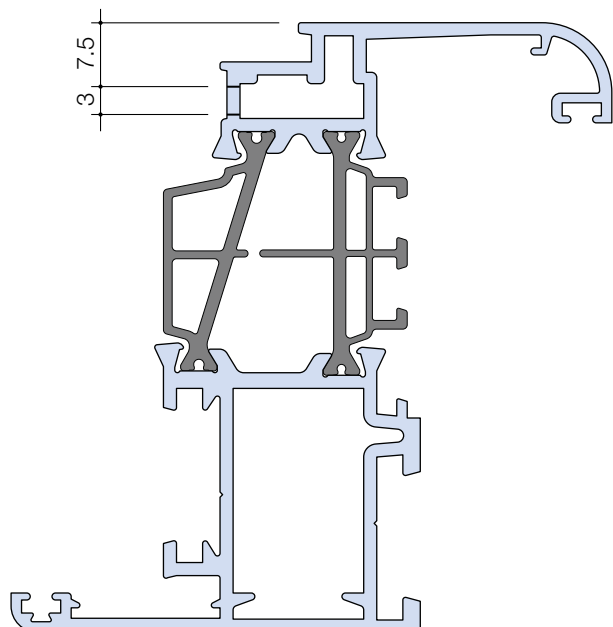
Trimming of rod passage fins



9 

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

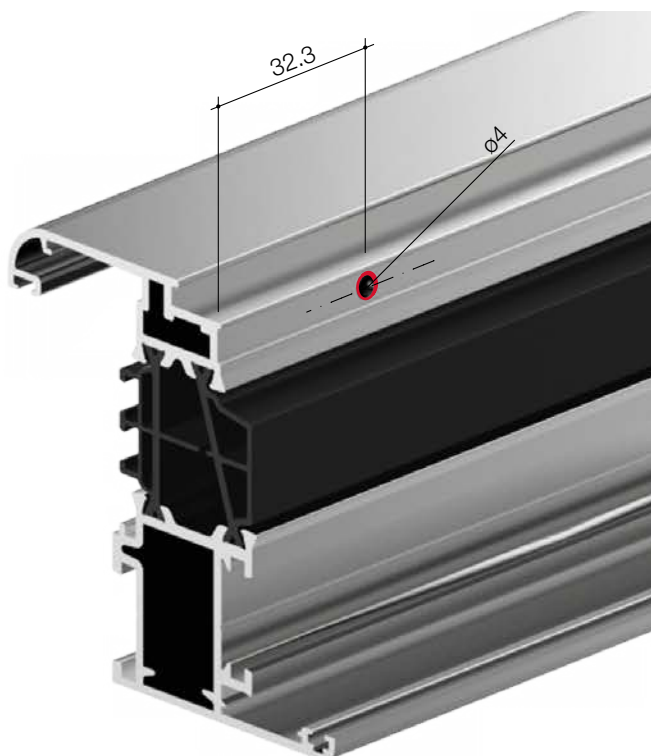
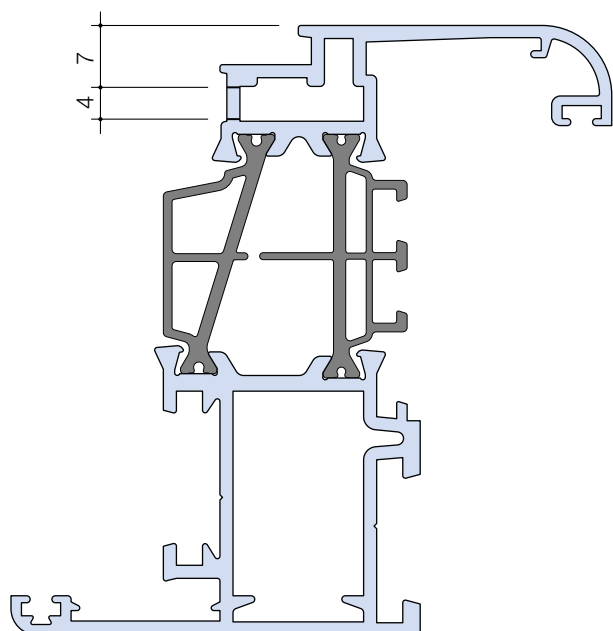
Ø3mm hole for pin ACP 50153, ACP 50154



10 

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

Ø4mm hole for pin ACP 50153, ACP 50154

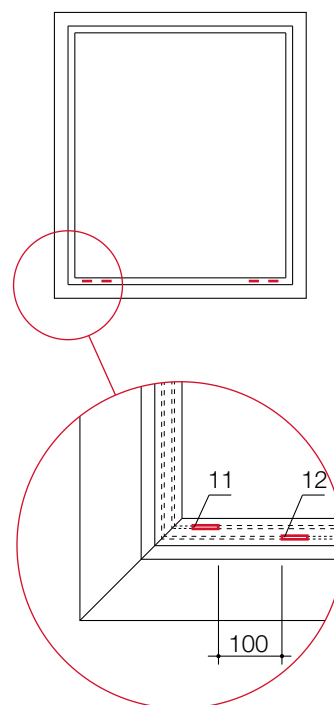
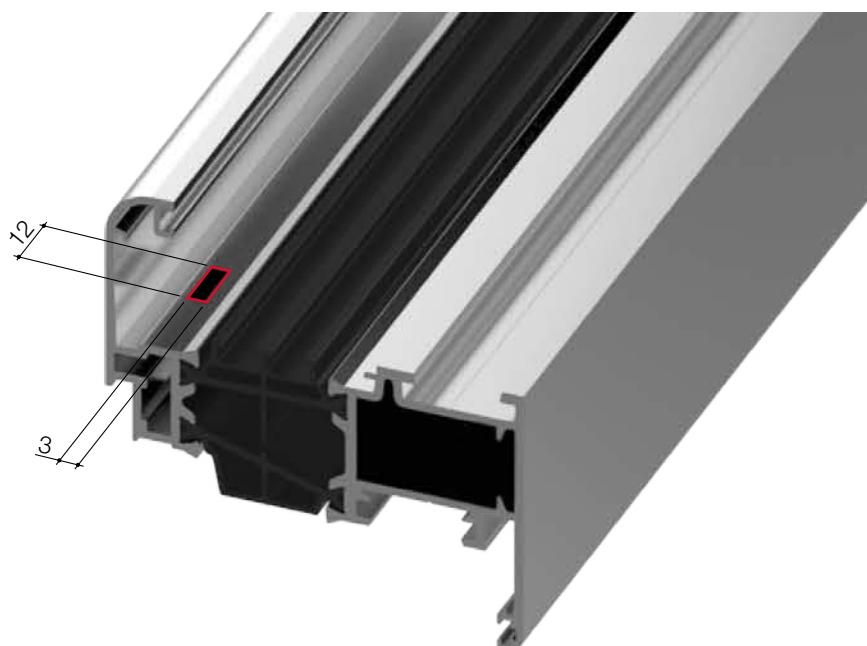


11



Asola interna per areazione anta

Internal slot for leaf ventilation

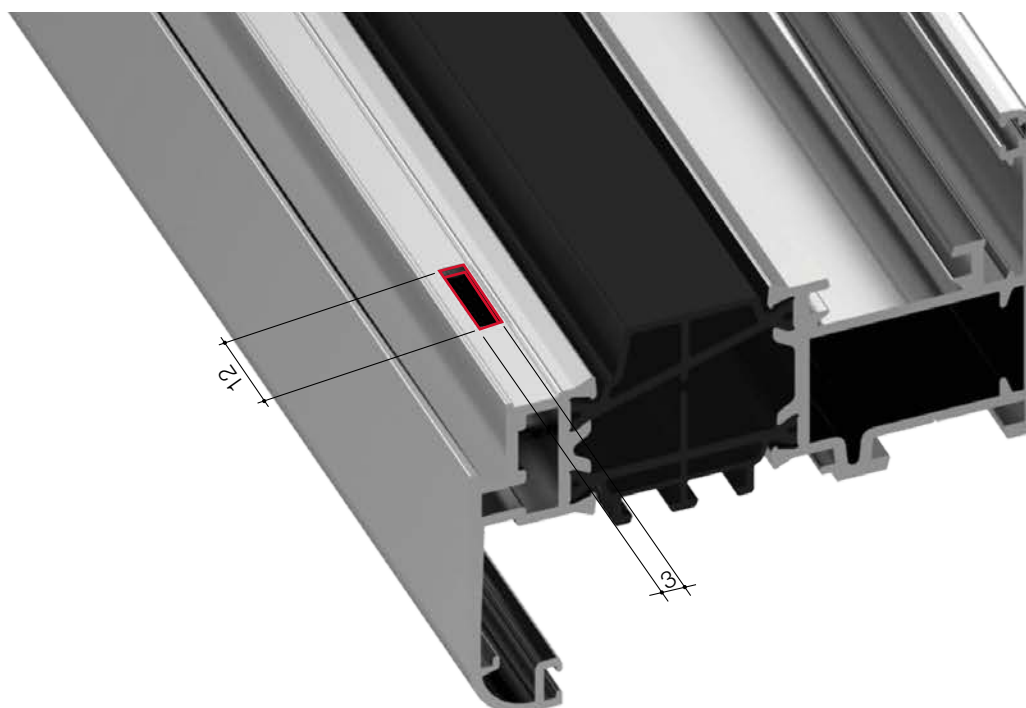


12



Asola esterna per areazione anta

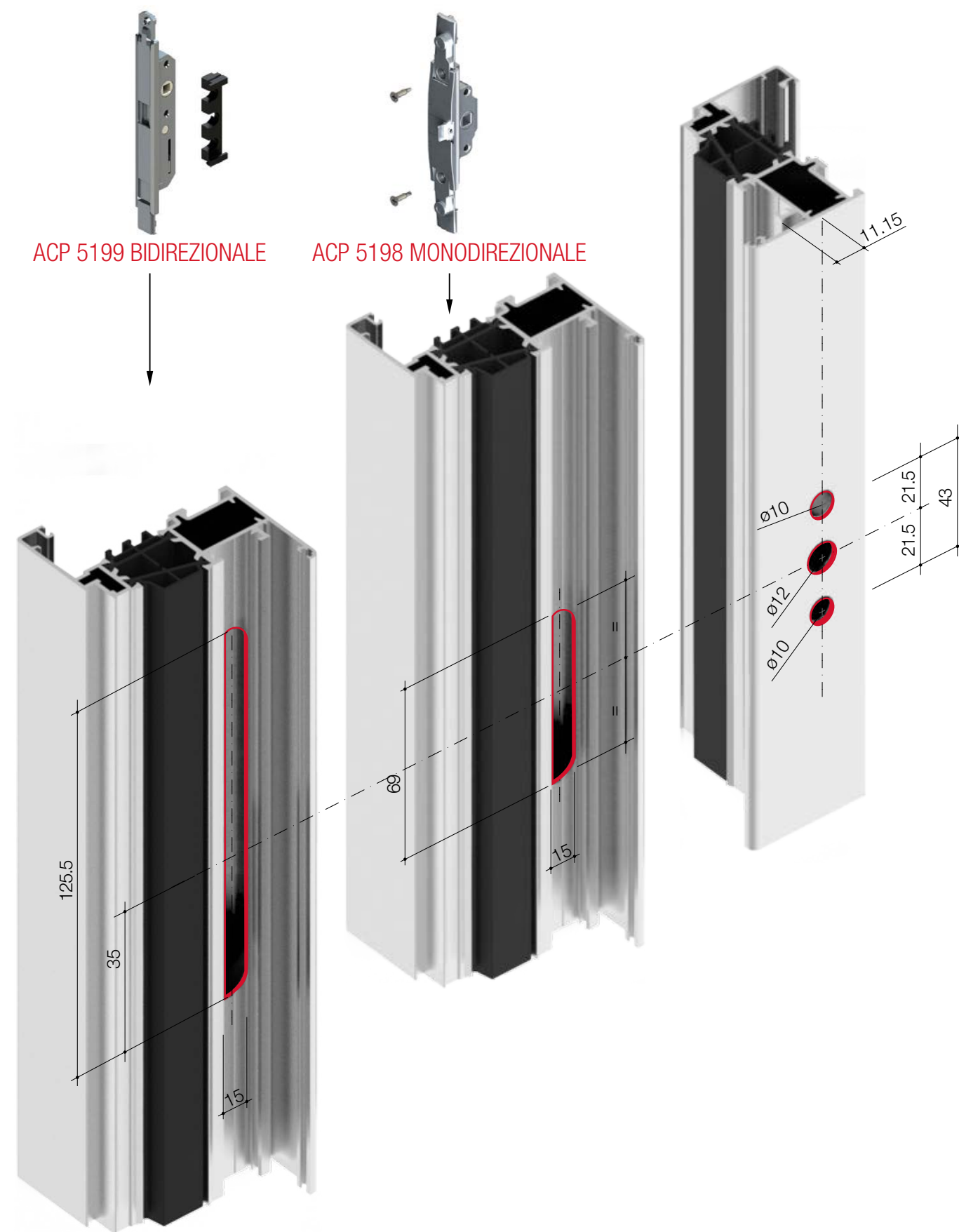
External slot for leaf ventilation



13 

Lavorazione per montaggio meccanismo martellina ACP 5198 e ACP 5199

Machining of Martellina mechanism assembly ACP 5198 and ACP 5199

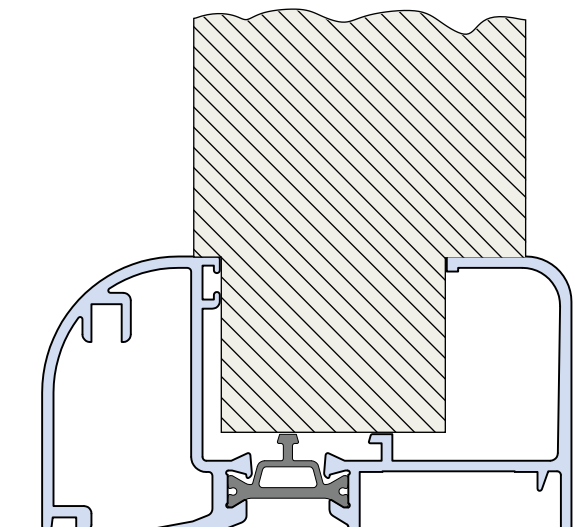


14 

Gruppo frese MCT PL 06 PT

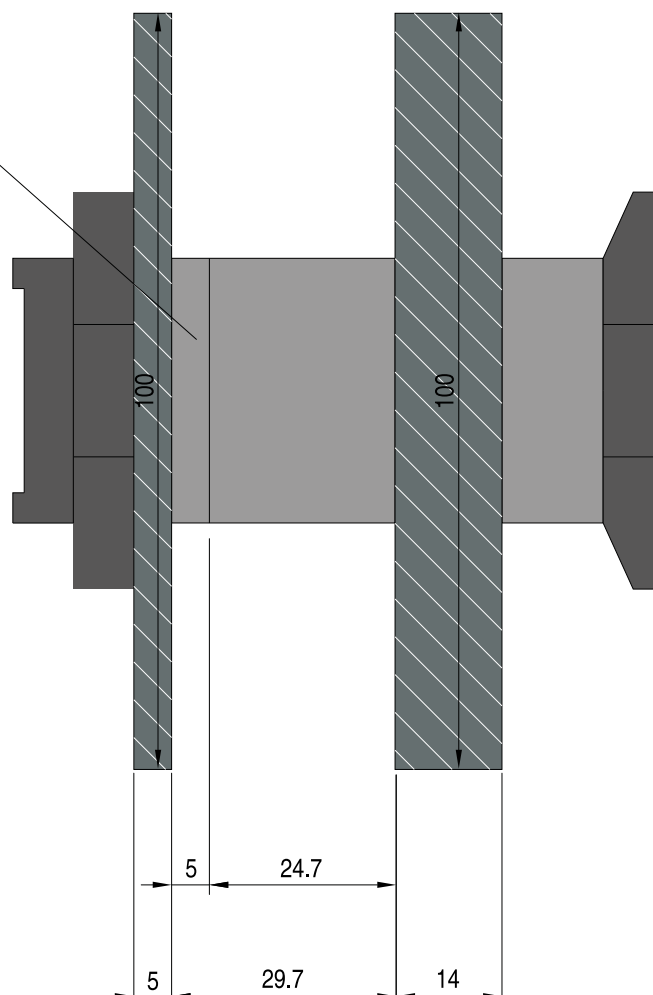
Questo gruppo fresa lavora esclusivamente i profili per le ante vetro ad infilare della serie Planet 50TT, 62TT Plus con spazio vetro da 30mm

This cutter unit works exclusively on the profiles for the glass insert leaves in the planet machine for the Planet 50TT, 62TT range with glass space 30mm



occorre aggiungere il distanziale da 5 mm che è incluso nel kit

should be added 5 mm spacer which is included in the kit

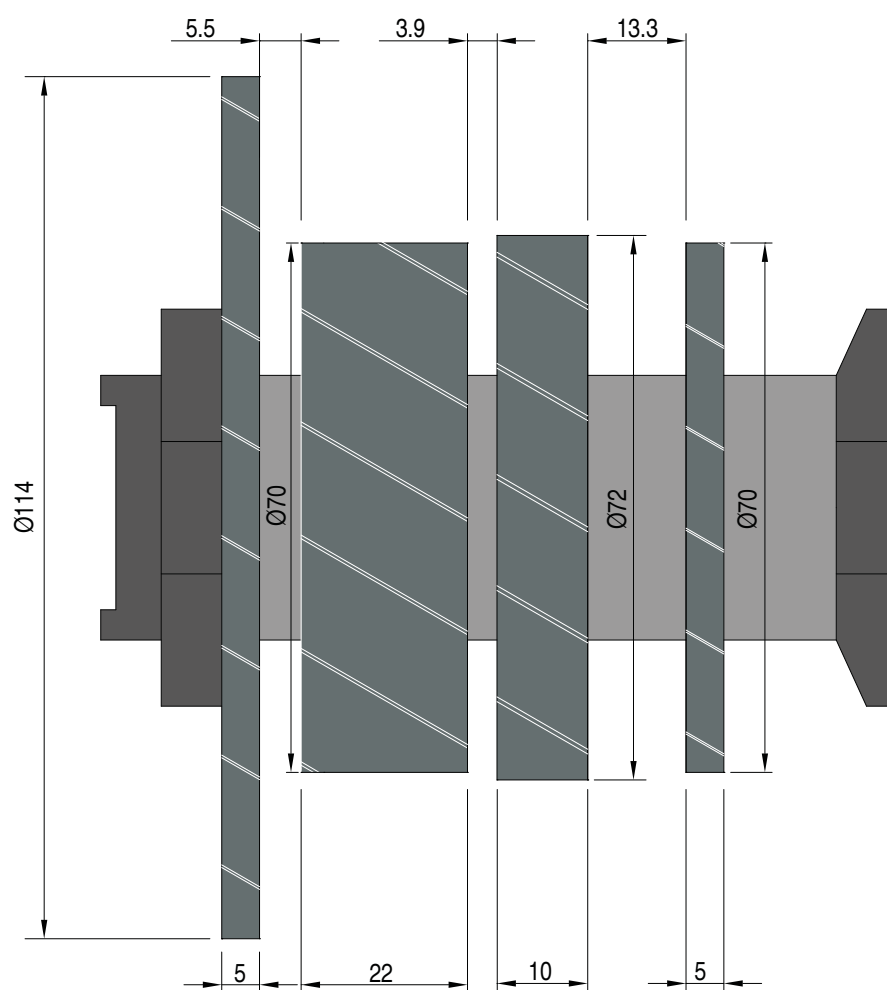
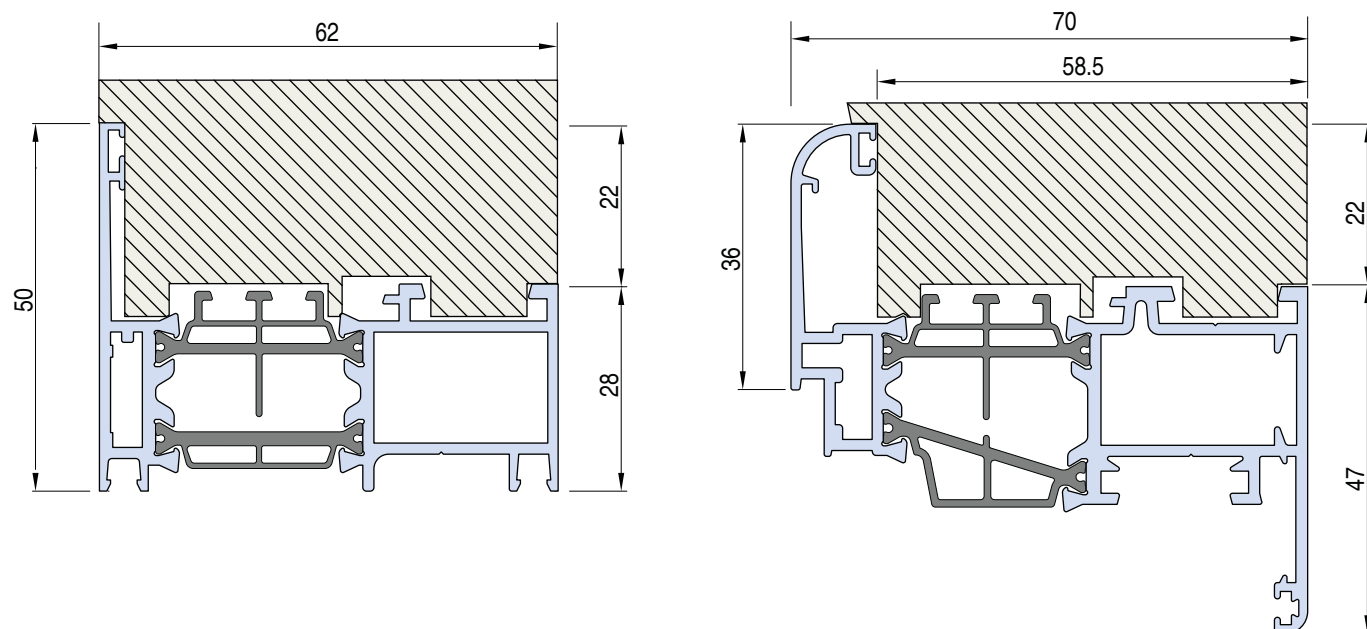


15 

Gruppo frese MCT PL 37 PT

Questo gruppo fresa lavora profili della serie Planet 62 Plus ad eccezione del vetro ad infilare

This cutter unit works profiles of the Planet 62 Plus range, except glass insert

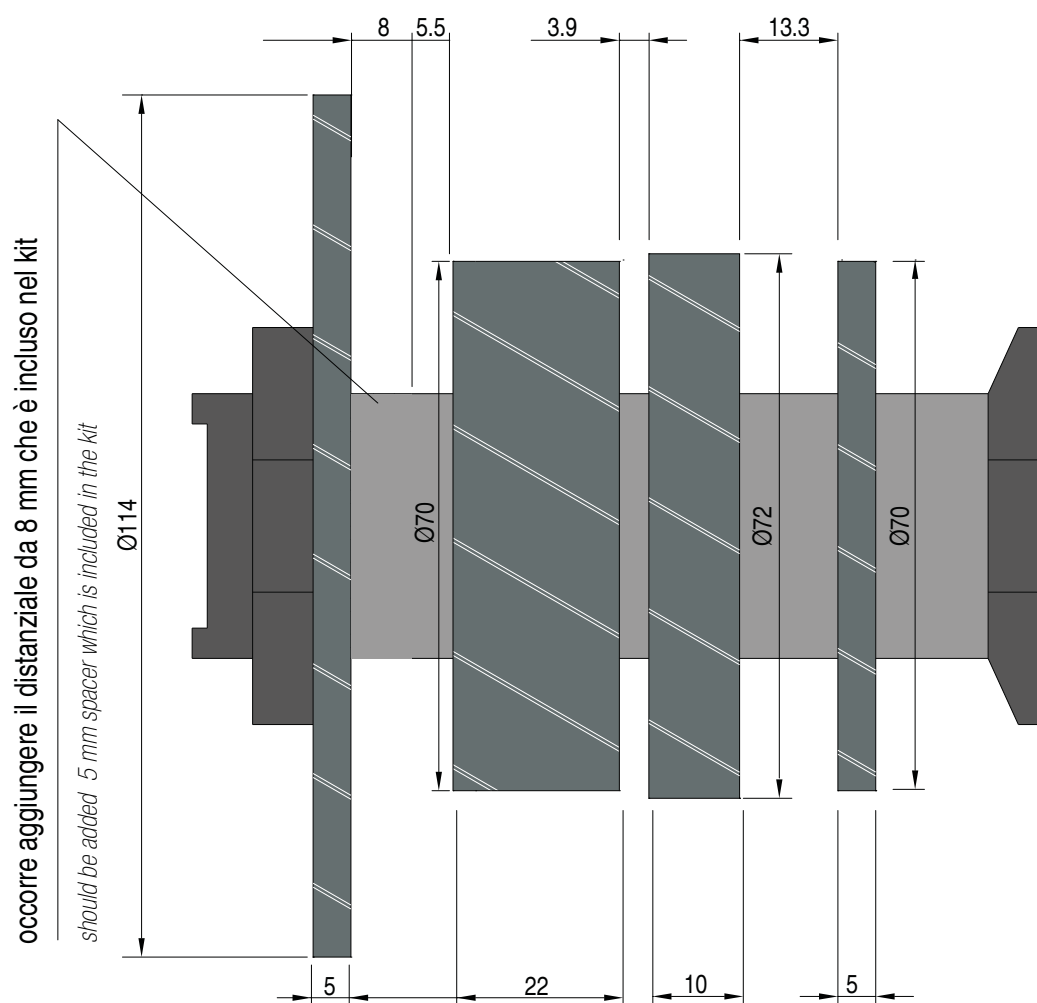
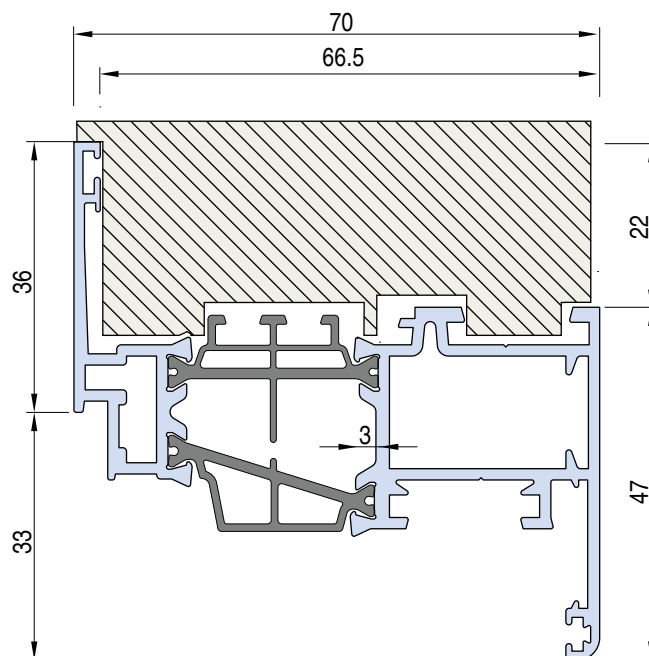


16 

Gruppo frese MCT PL 37 PT

Questo gruppo frese con l'aggiunta del disco da 8 mm lavora le ante lisce del Planet 62 Plus

This cutter unit works flat leaf of Planet 62 Plus range with the addition of 8 mm disc



17

Lavorazione spalla monoblocco

Machining of single-unit shoulder

montaggio passacinghia

Belt guide assembly

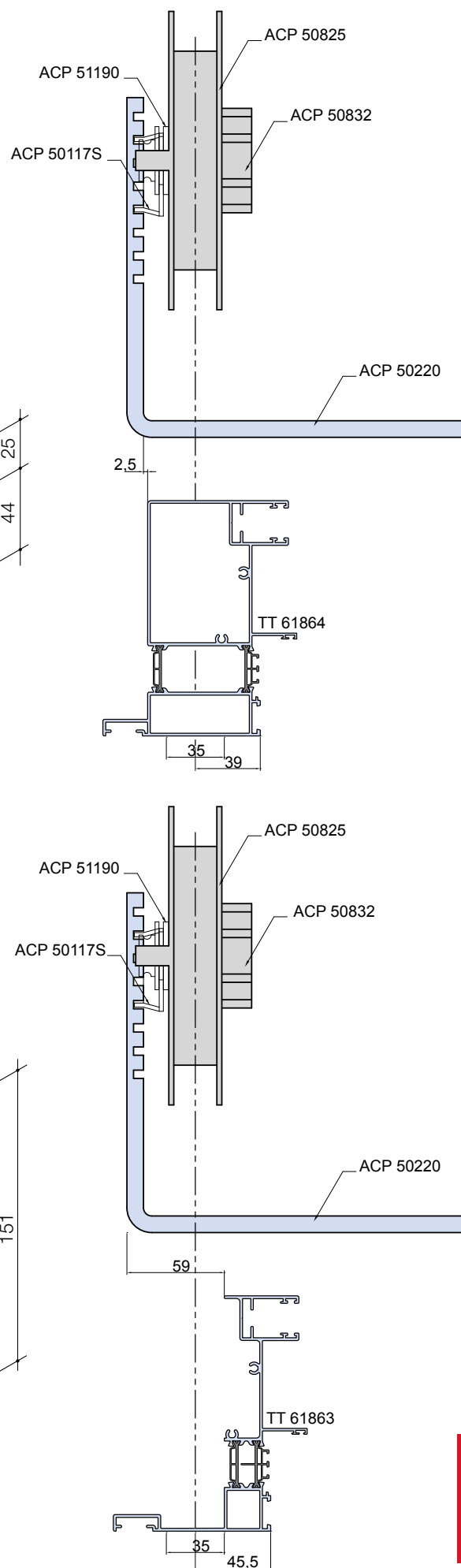
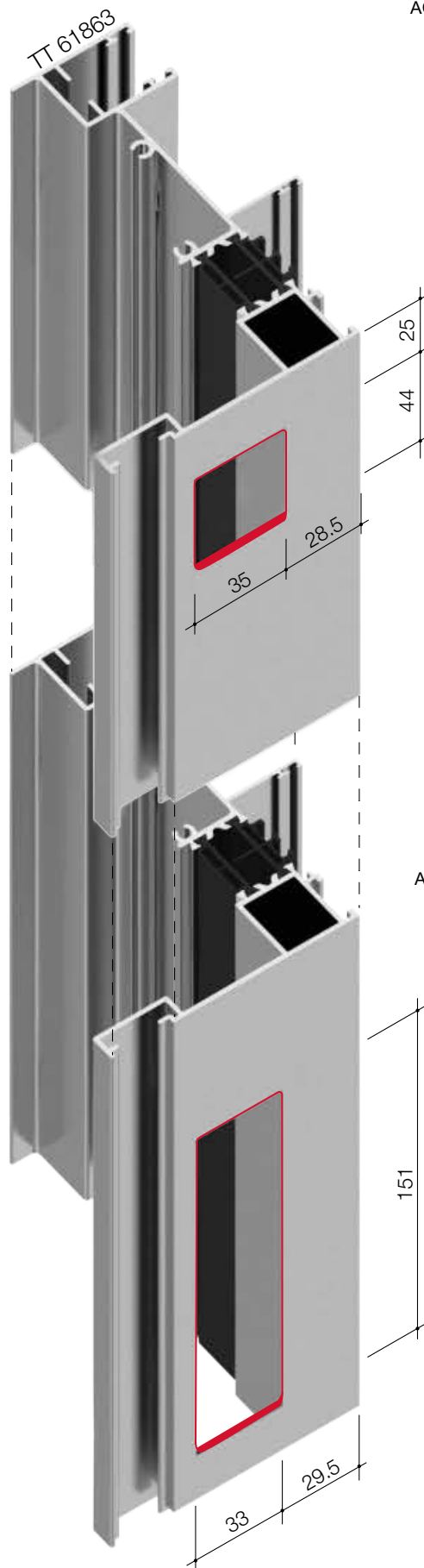
ACP 51001

montaggio avvolgitore

Winder assembly

ACP 50010

ACP 50705

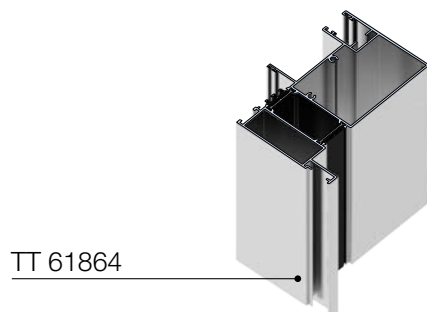


18

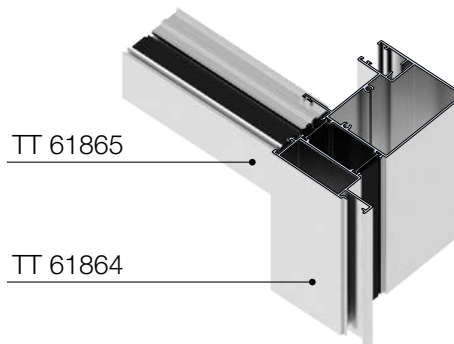
Istruzioni per taglio profili e fasi di assemblaggio cassonetto

Cutting profiles and box assembly steps

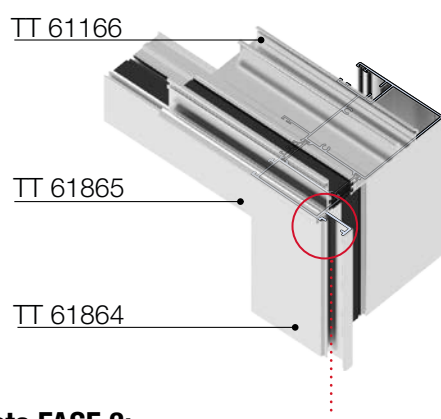
FASE 1:



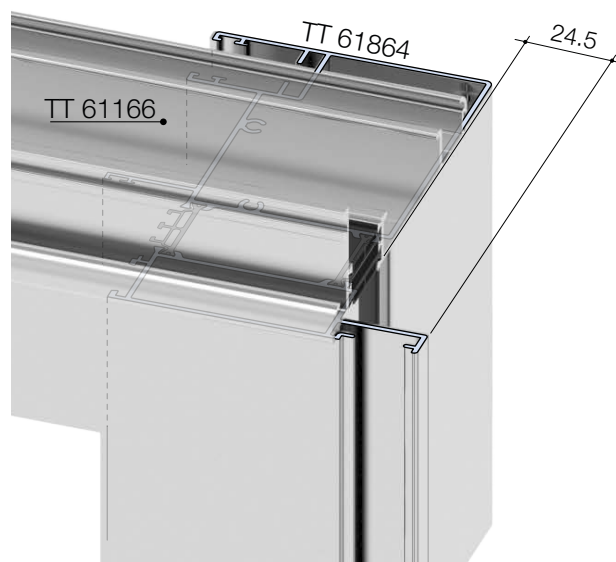
FASE 2:



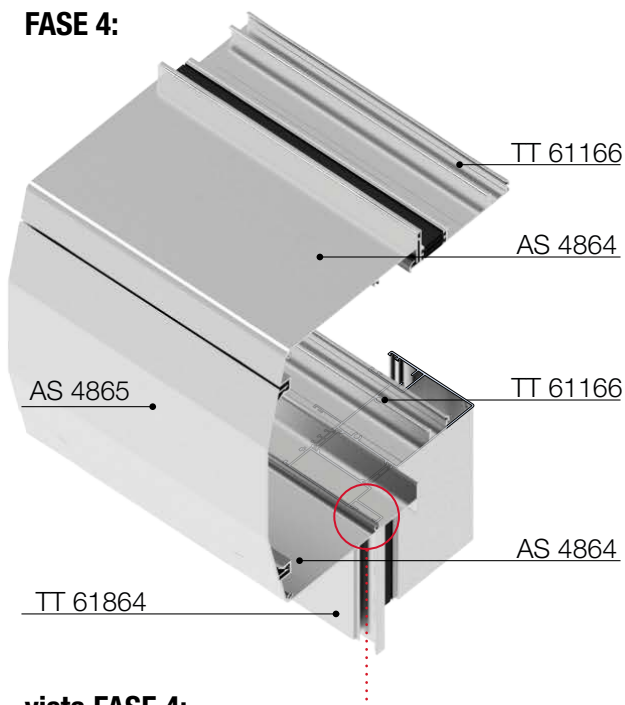
FASE 3:



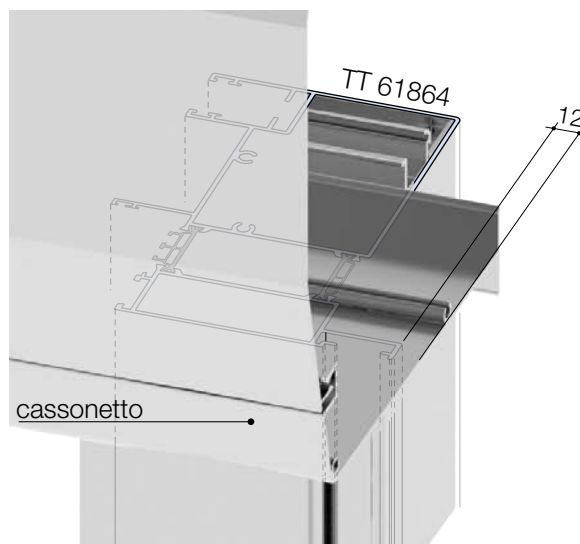
vista FASE 3:



FASE 4:



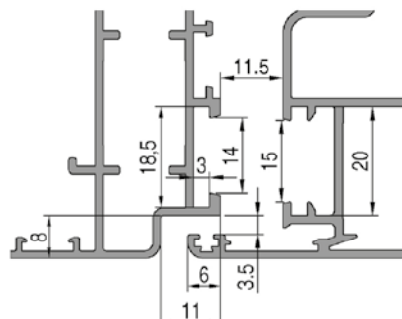
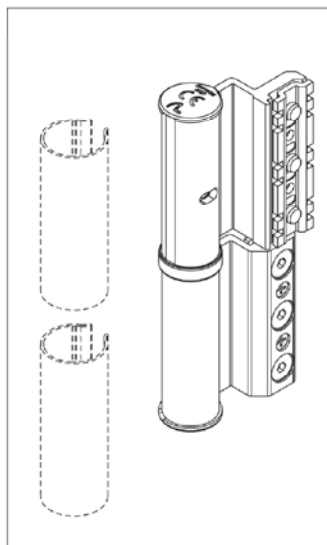
vista FASE 4:



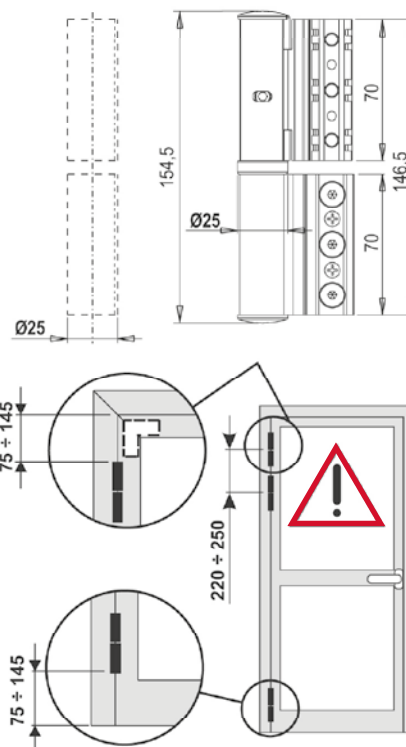
19

Applicazione cerniere Strong ACP 9938 per telai complanari interni

ACP 9938 Strong hinge assembly for internal coplanar frames



PROFILI PL 20102 + PL 2337



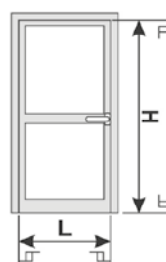
	Alsistem s.c.r.l. Via G. Reiss Romoli, 267 10148 Torino Italy							11
	0757	BPR 220 11 009						
	EN1935:2002							
3		7	4	0	1	4	1	11

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

H Altezza anta (mm) - Wing height (mm)	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
L Larghezza anta (mm) - Wing width (mm)	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
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	1	0.93	0.83	0.76	0.71
2700	1	1	1	1	1	1	1	1	1	0.88	0.79	0.72	0.68
2600	1	1	1	1	1	1	1	1	1	0.93	0.83	0.75	0.69
2500	1	1	1	1	1	1	1	1	1	0.87	0.78	0.71	0.67
2400	1	1	1	1	1	1	1	1	1	0.93	0.81	0.74	0.68
2300	1	1	1	1	1	1	1	1	1	0.85	0.76	0.70	0.65
2200	1	1	1	1	1	1	1	1	1	0.91	0.80	0.72	0.67
2100	1	1	1	1	1	1	1	1	1	0.85	0.75	0.68	0.64
2000	1	1	1	1	1	1	1	1	1	0.91	0.79	0.71	0.65
1900	1	1	1	1	1	1	1	1	1	0.83	0.73	0.67	0.62
1800	1	1	1	1	1	1	1	1	1	0.90	0.77	0.69	0.63
1700	1	1	1	1	1	1	1	1	1	0.82	0.71	0.65	0.60
1600	1	1	1	1	1	1	1	1	1	0.89	0.75	0.67	0.61
1500	1	1	1	1	1	1	1	1	1	0.80	0.69	0.63	0.58
1400	1	1	1	1	1	1	1	1	1	0.88	0.73	0.64	0.59
1300	1	1	1	1	1	1	1	1	1	0.78	0.67	0.60	0.56
1200	1	1	1	1	1	1	1	1	1	0.78	0.67	0.60	0.56

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

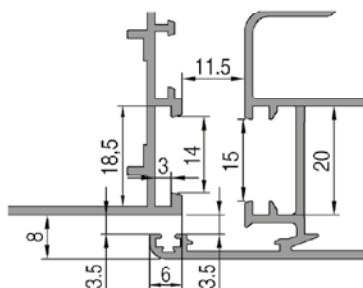
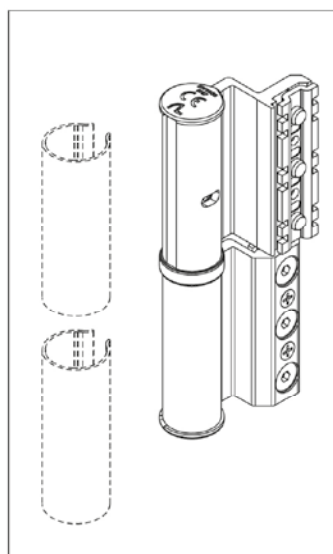
X Dimensioni non realizzabili
Not possible dimensions



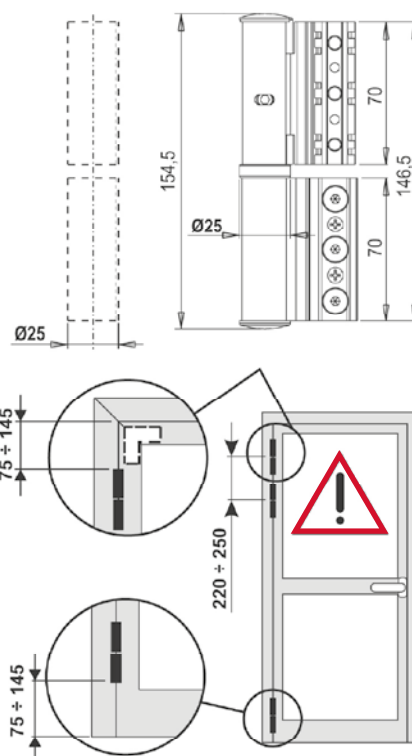
20

Applicazione cerniere Strong ACP 9918 per telai piani

ACP 9918 Strong hinge assembly for flat frames



PROFILI PL 2033 + PL 2337

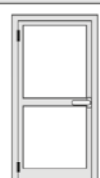


CE		Alsistem s.c.r.l. Via G. Reiss Romoli, 267 10148 Torino Italy	11
0757	BPR-229-11-009		
EN1935:2002		4	7 6 0 1 4 1 13

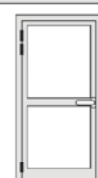
GRAFICO PER IL CALCOLO DEL PESO MASSIMO EFFETTIVO DELL'ANTA
CHART FOR CALCULATING THE ACTUAL MAX. SASH WEIGHT

Altezza anta (mm) - Wing height (mm)	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
3000	1	1	1	1	1	1	1	1	0,93	0,84	0,76		
2900	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												
Larghezza anta (mm) - Wing width (mm)	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800

PORTATE MASSIME - MAXIMUM LOADS



120 kg



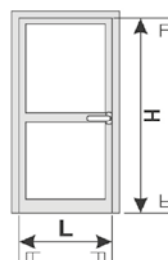
150 kg



120 kg



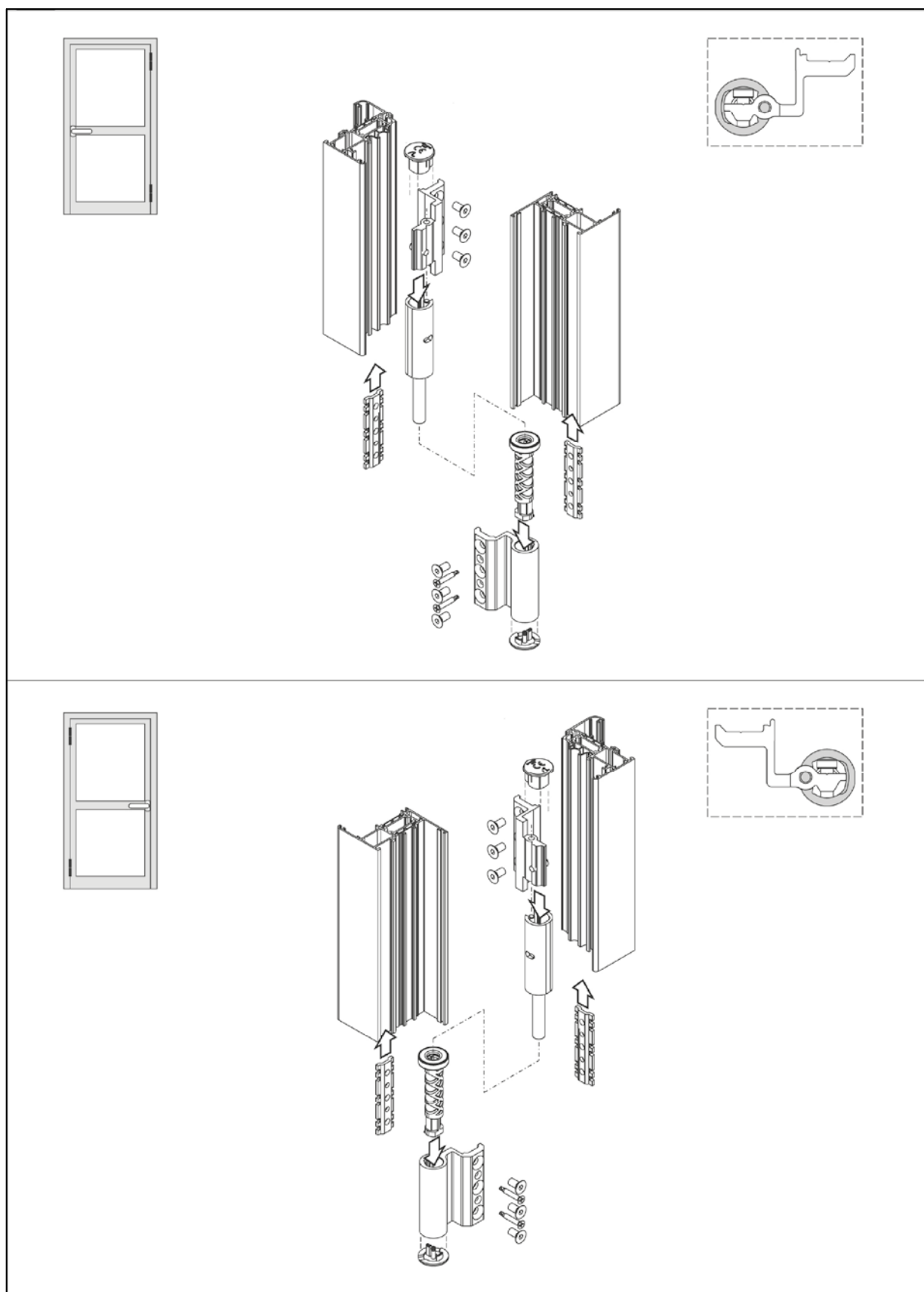
80 kg

CON FRENO IN APERTURA
WITH OPENING BRAKEDimensioni non realizzabili
Not possible dimensions

21

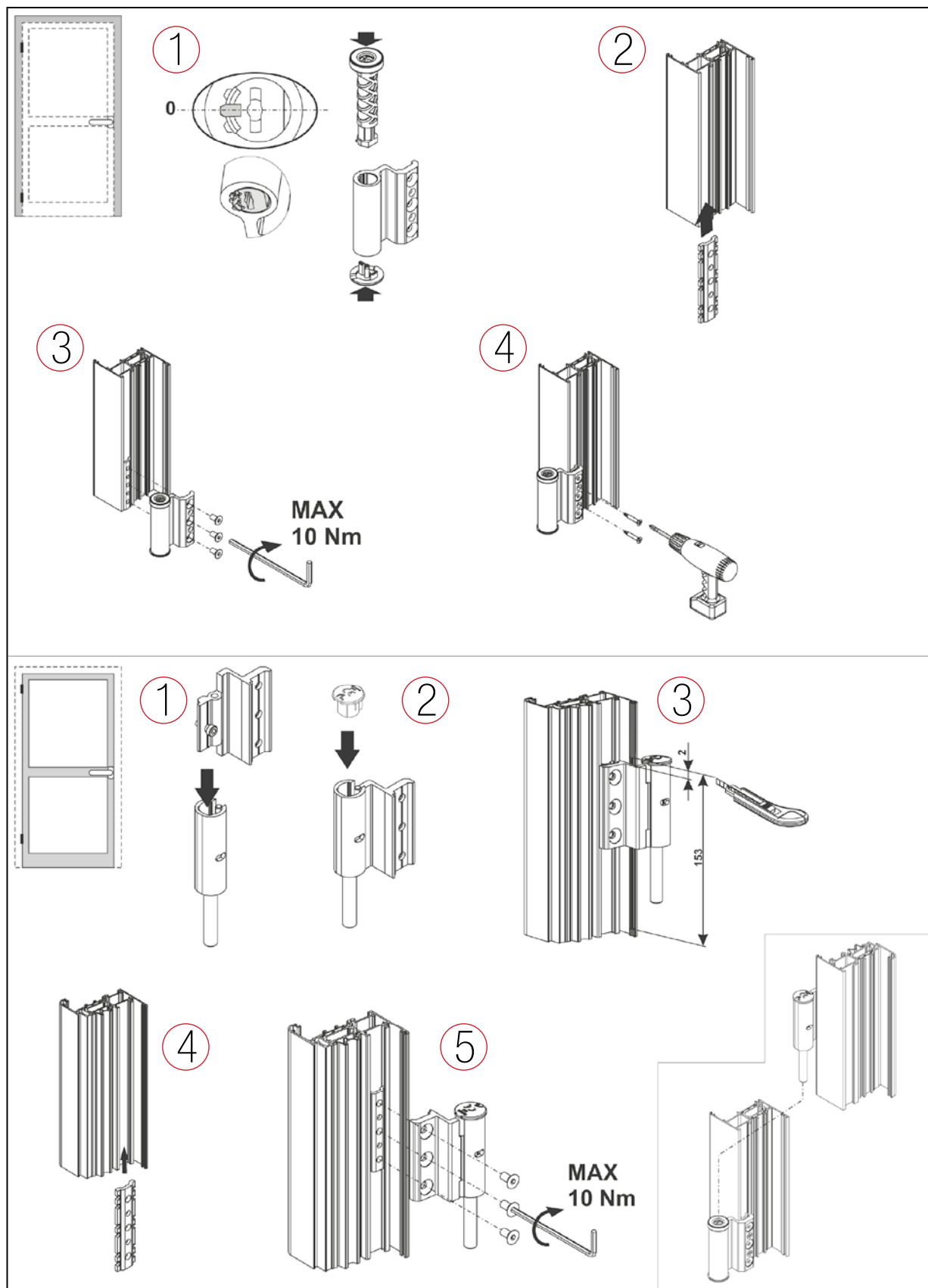
Montaggio cerniere Strong

Strong hinges assembly



22

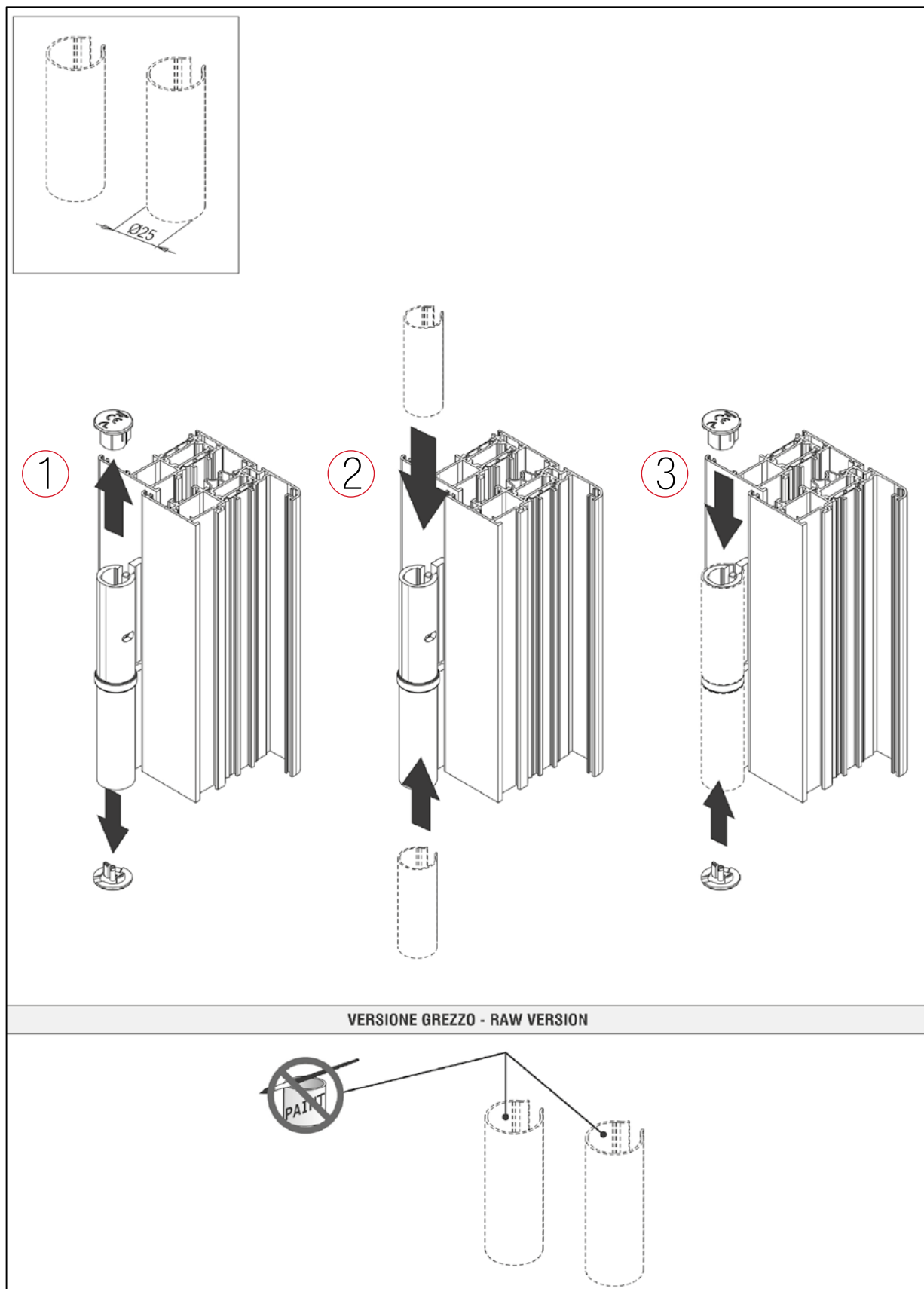
Montaggio cerniere Strong

Strong hinges assembly

23

Applicazione cover universale ACP 99124 per cerniere Strong

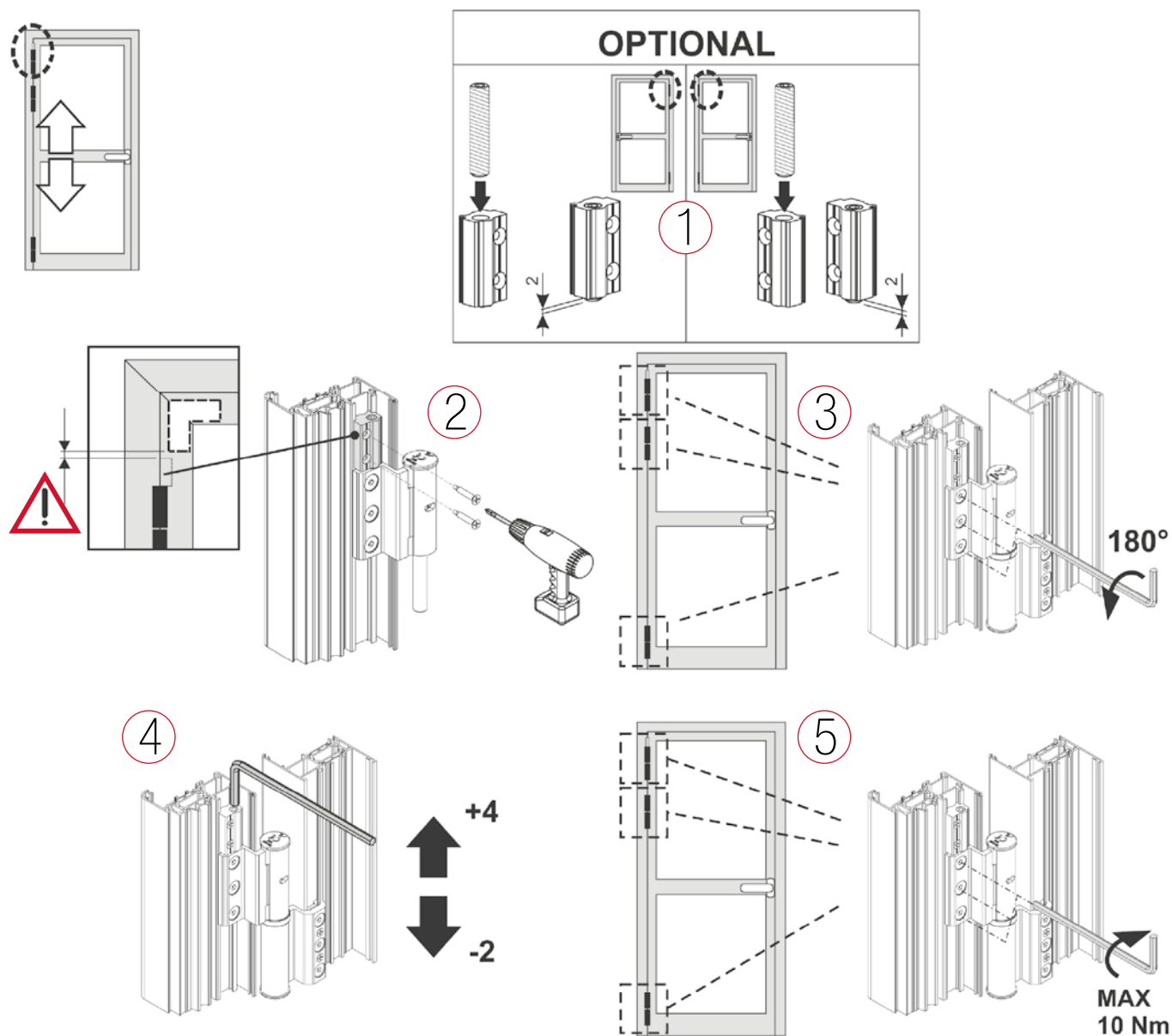
ACP 99124 universal cover, assembly for Strong hinge



24

Applicazione piastrino di regolazione ACP 99125 per cerniere Strong

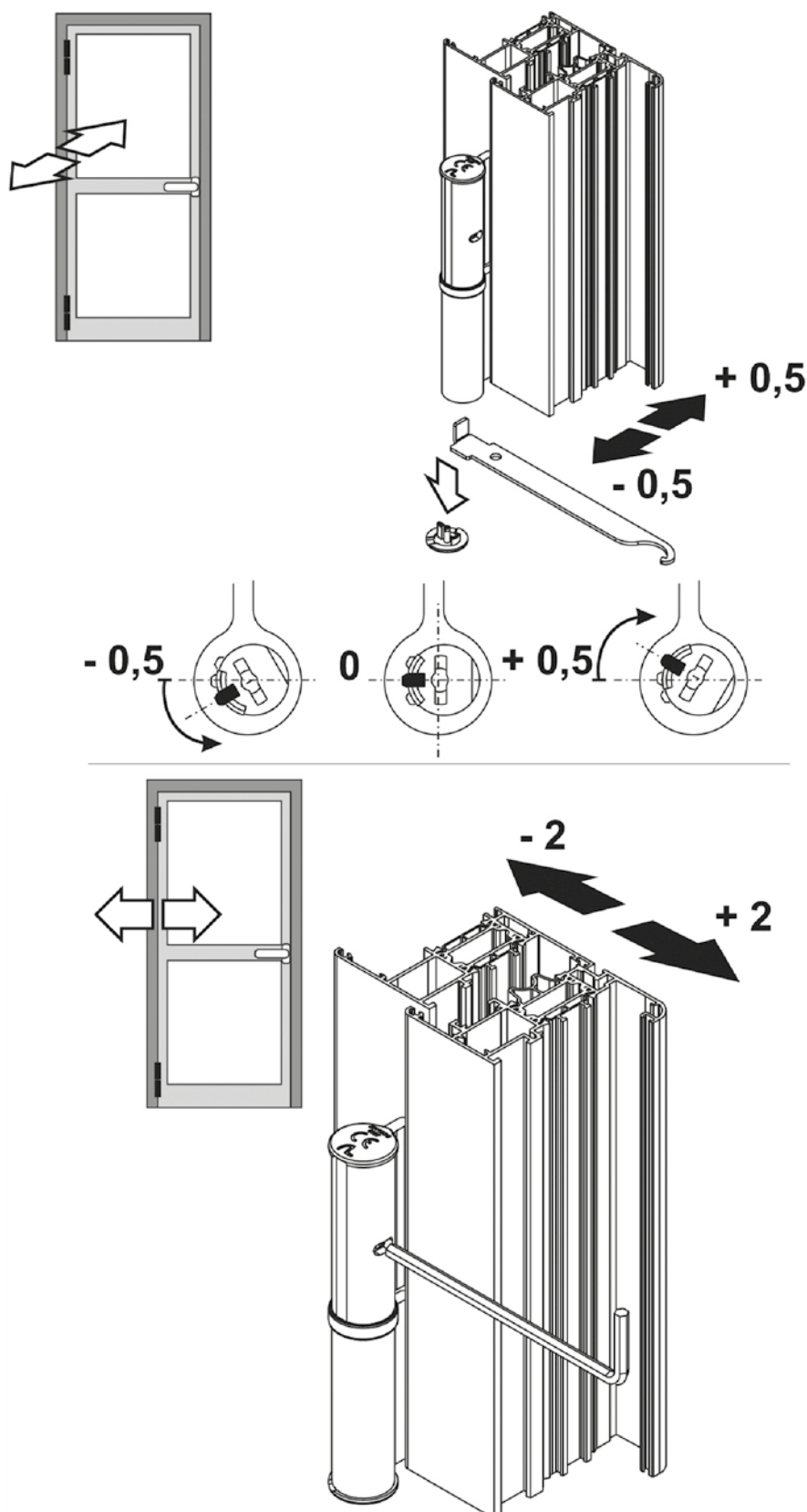
ACP 99125 universal cover, assembly for Strong hinges



25

Utilizzo chiave di regolazione ACP 99126 per cerniere Strong

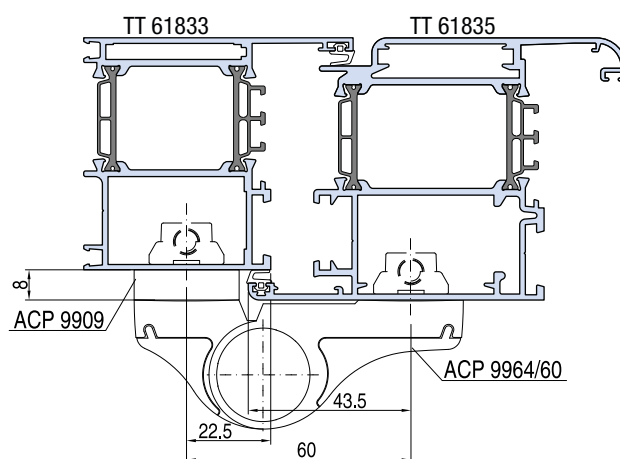
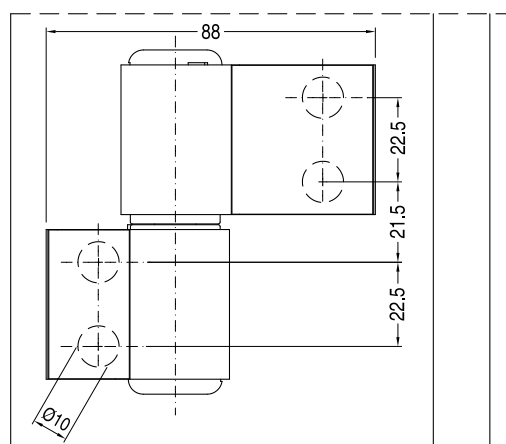
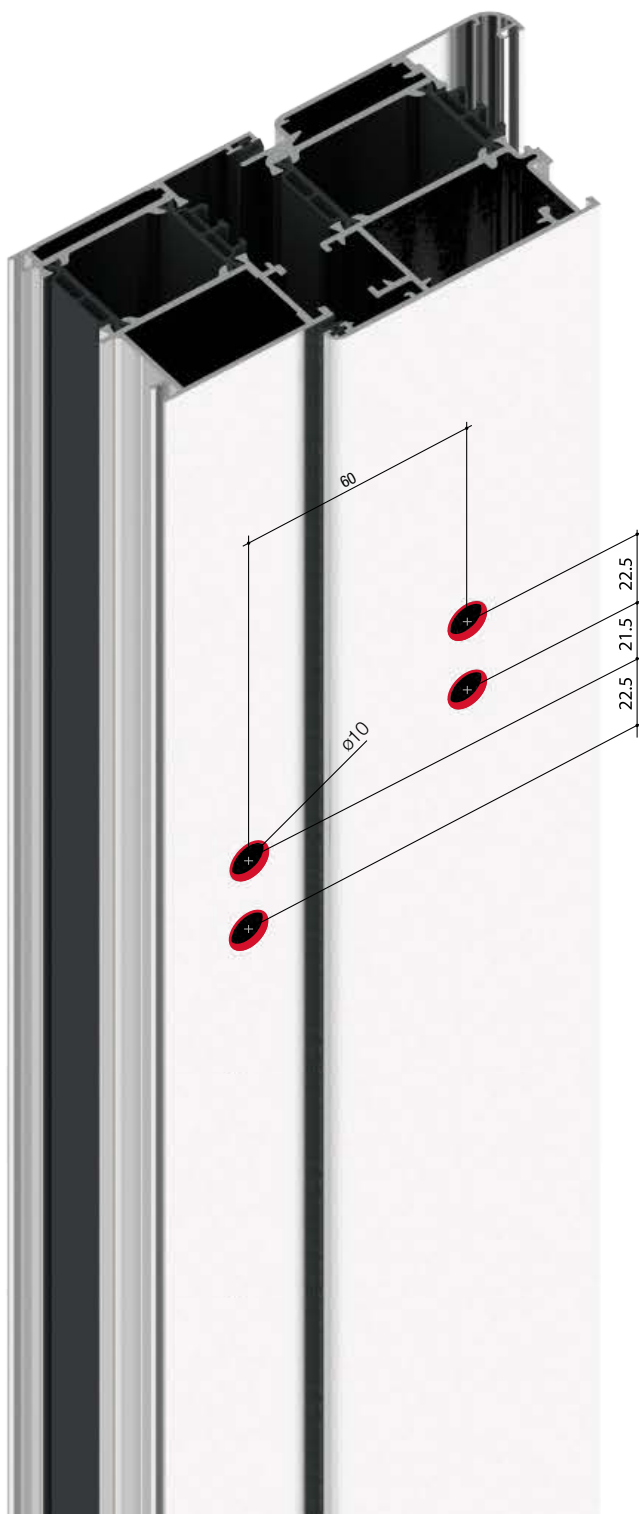
ACP 99126 adjustment key for Strong hinges



26

Applicazione cerniere frontali ACP 9964/60 interasse 60mm

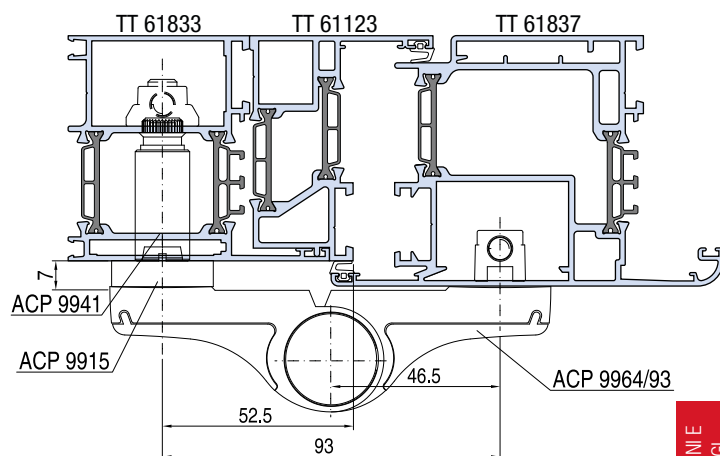
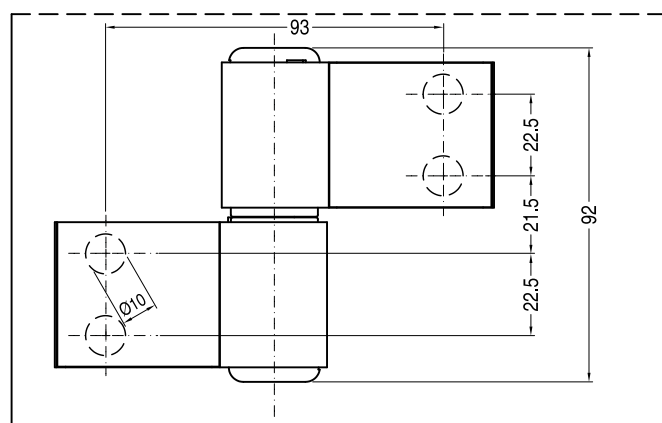
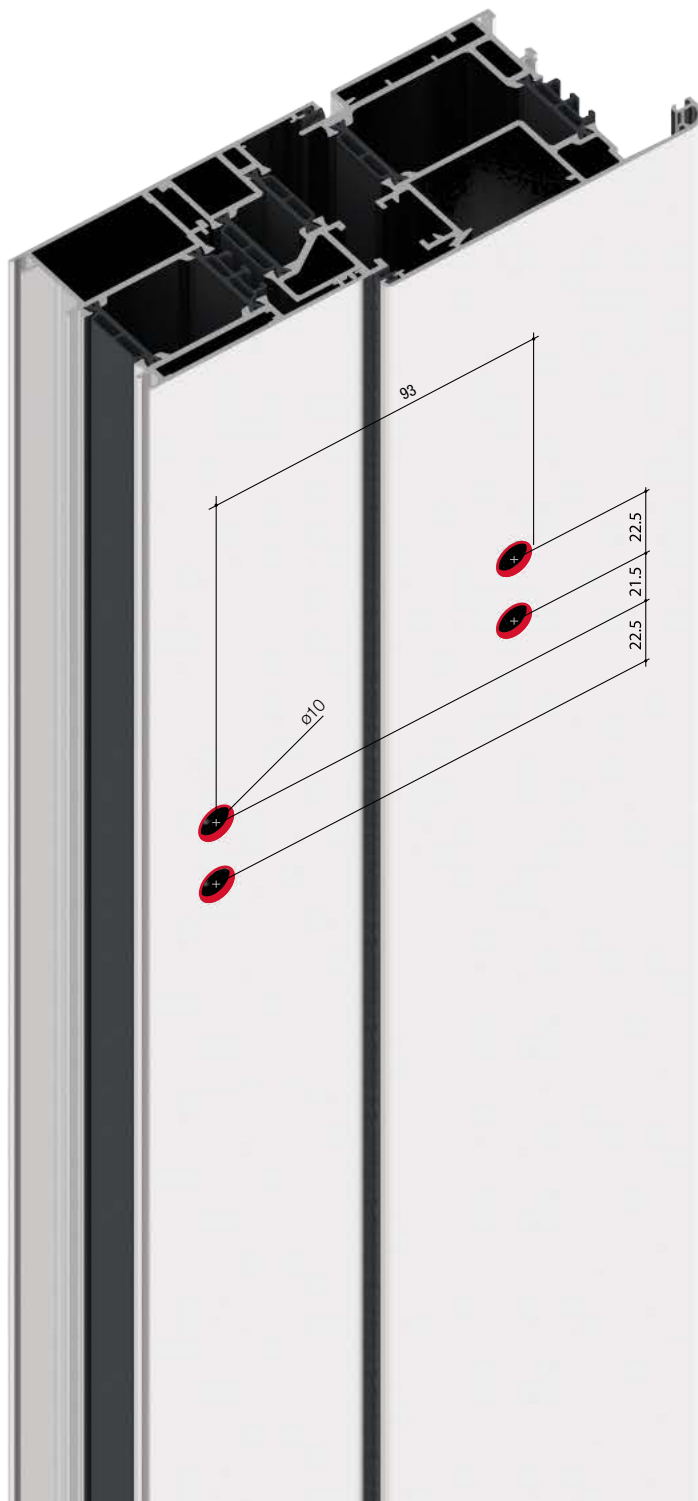
ACP 9964/60 front hinges assembly, hole centredistance 60mm



27

Applicazione cerniere frontali ACP 9964/93 interasse 93mm

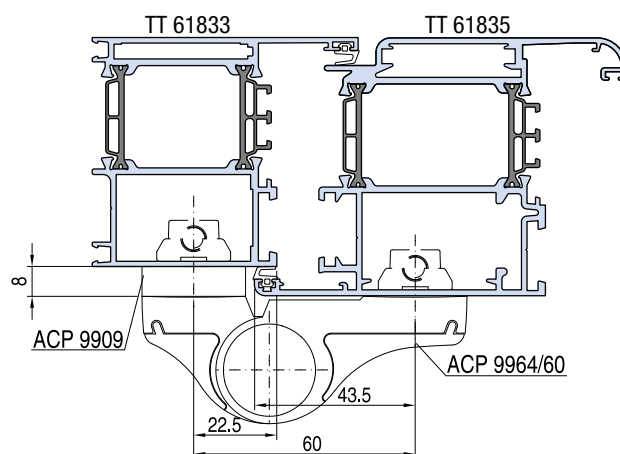
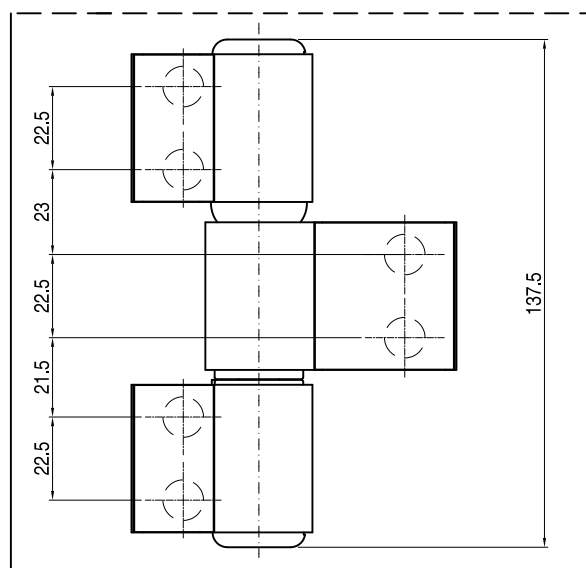
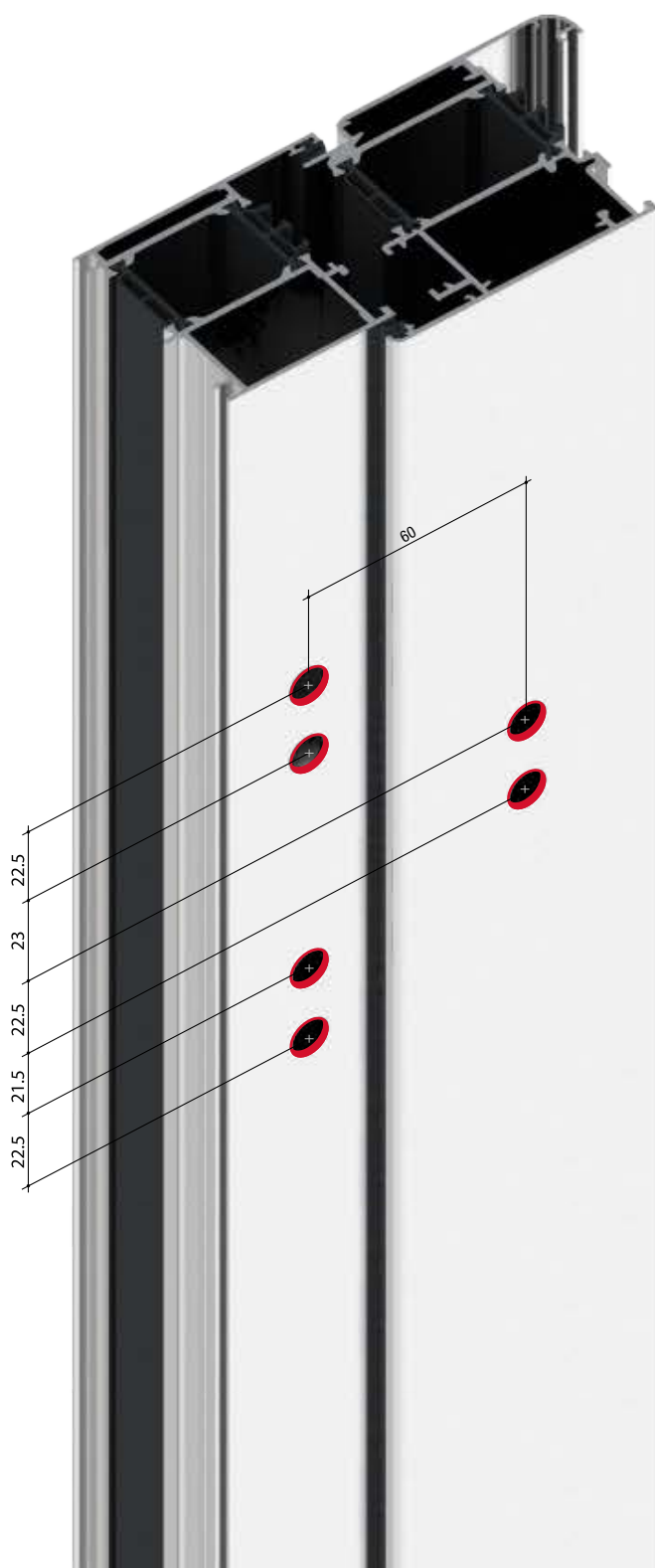
ACP 9964/60 front hinges assembly, hole centre distance 93mm



28

Applicazione cerniere frontali ACP 9963/60 interasse 60mm

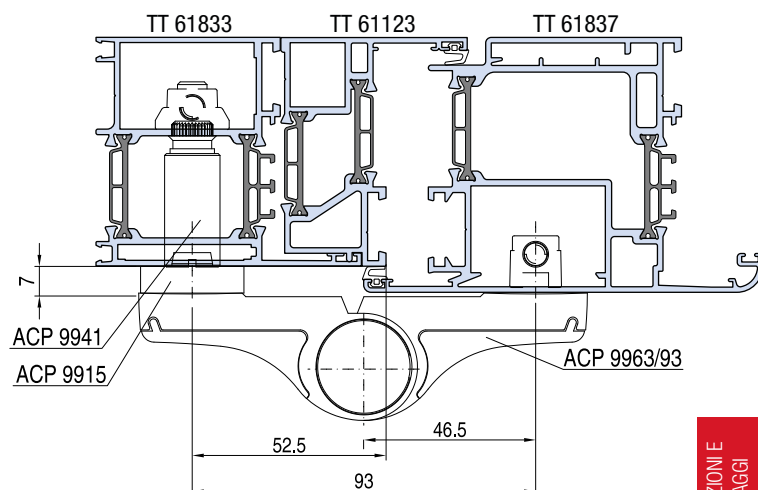
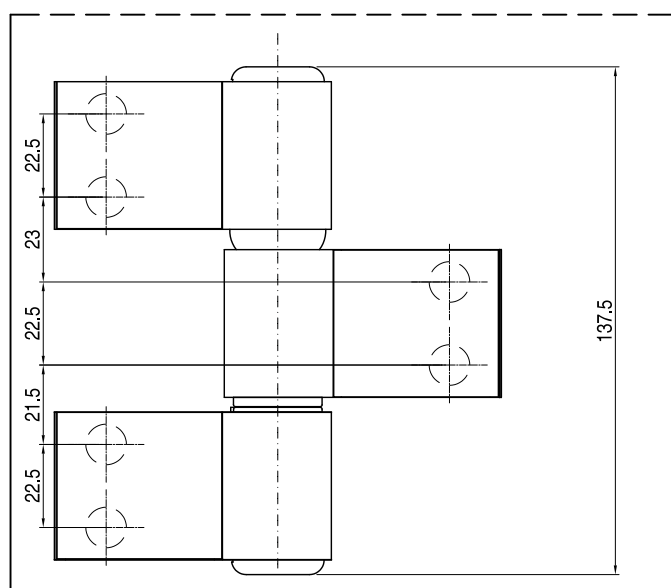
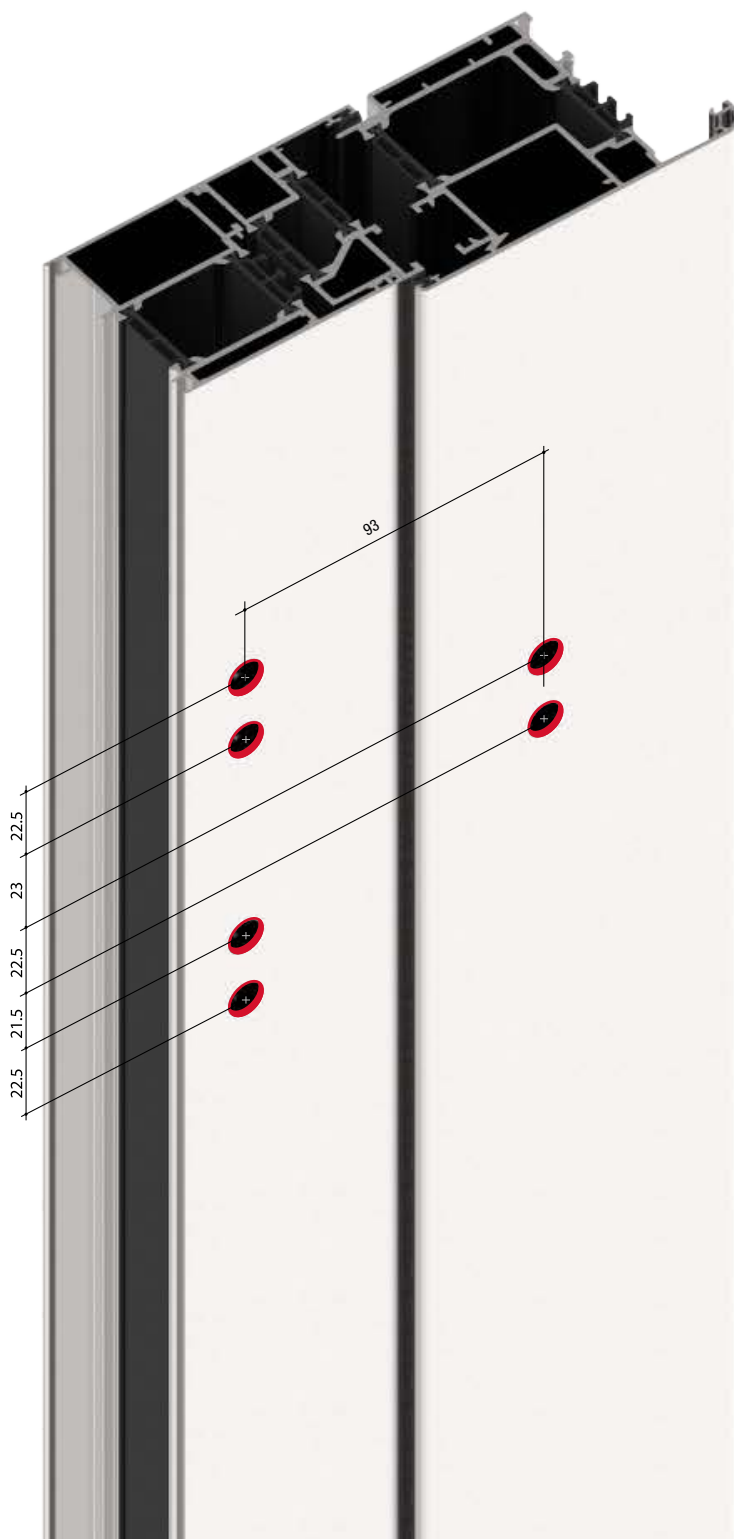
ACP 9963/60 front hinges assembly, hole centre distance 60mm



29

Applicazione cerniere frontale ACP 9963/93 interasse 93mm

ACP 9963/93 front hinges assembly, hole centre distance 93mm



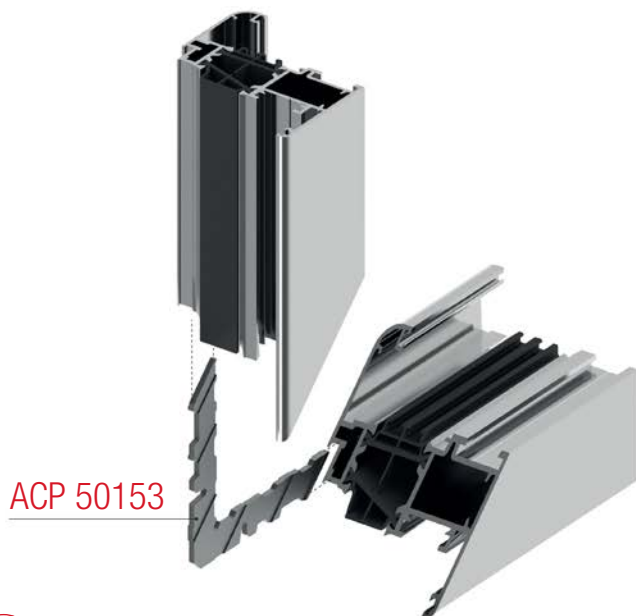
30

Applicazione squadrette ACP 50153 - ACP 50154

ACP 50153 - ACP 50154 assembly

Inserire la squadretta ACP 50153 - APC 50154 e chiudere l'angolo scegliendo tra le seguenti opzioni:

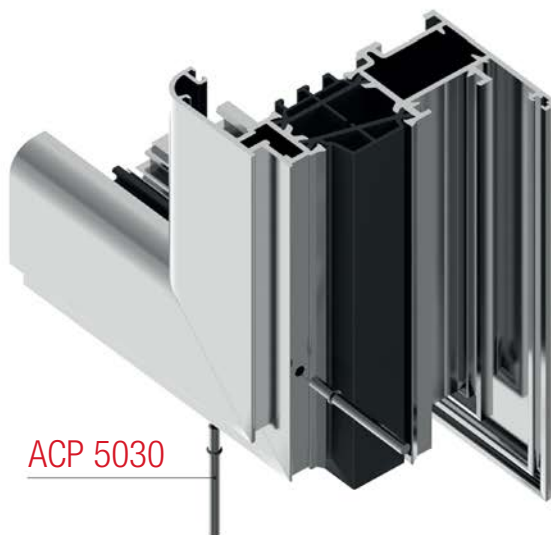
Insert corner cleat ACP 50153- ACP 50154 and close the corner by choosing from the following options:



ACP 50153


 Kit coltelli
per cianfrinatura
Crimping kit

- 1 Cianfrinare tramite l'apposito kit
Crimping using the appropriate kit

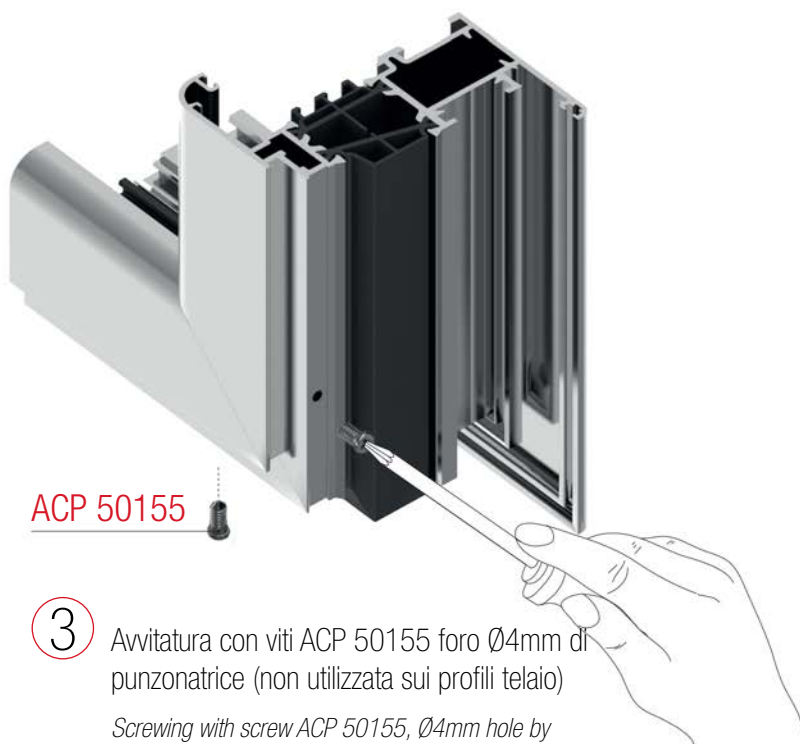


ACP 5030

- 2 Spinatura tramite ACP 5030, con impugnatura a perdere, foro Ø3mm di punzonatrice

Branching using pin ACP 5030, with disposable stem, Ø3mm hole by punching-machine

INTERASSE FORO: 32,3mm

HOLE CENTRE DISTANCE: 32,3mm

ACP 50155

- 3 Avvitatura con viti ACP 50155 foro Ø4mm di punzonatrice (non utilizzata sui profili telaio)

Screwing with screw ACP 50155, Ø4mm hole by punching-machine (cannot be used on frame profiles)

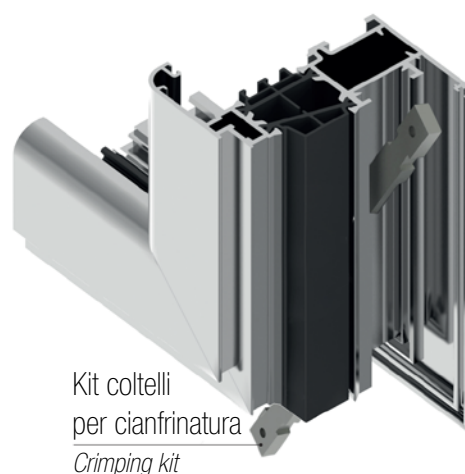
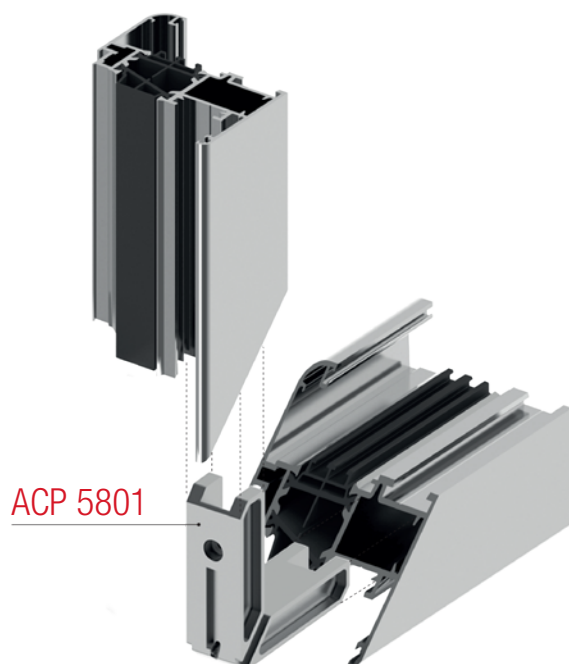
31

Applicazione ACP 5801 - ACP 5802 - ACP 7001

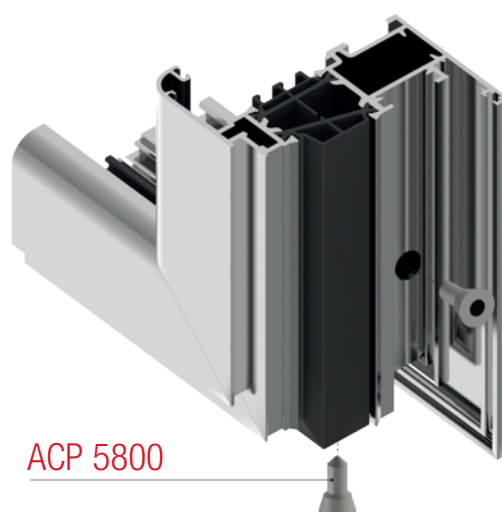
ACP 5801 - ACP 5802 - ACP 7001 assembly

Inserire la squadretta ACP 5801 e chiudere l'angolo scegliendo tra le seguenti opzioni:

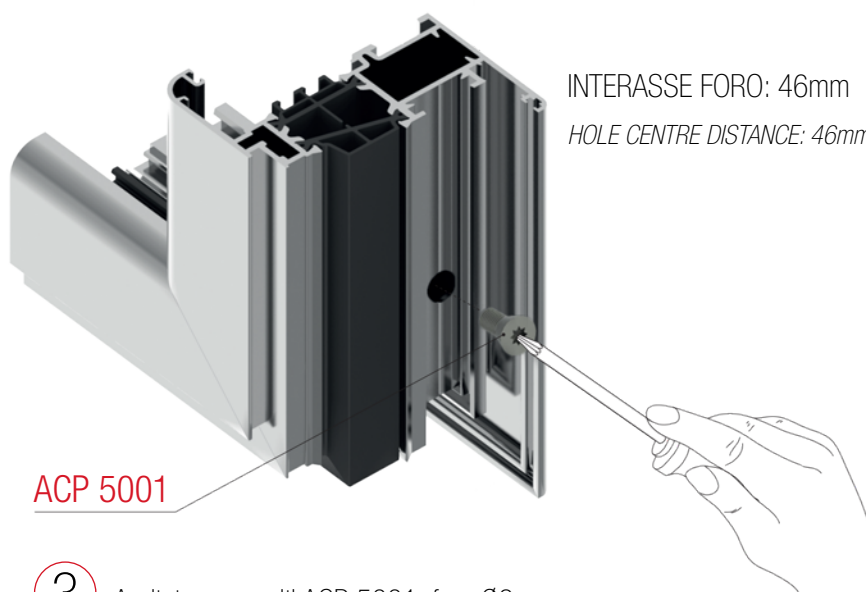
Insert corner cleat ACP 5801 and close the corner by choosing from the following options:



- 1 Cianfrinare tramite l'apposito kit
Crimping using the appropriate kit



- 2 Spinatura tramite ACP 5800, foro Ø8mm di punzonatrice
Broanching using pin ACP 5800, Ø8mm hole by punching-machine

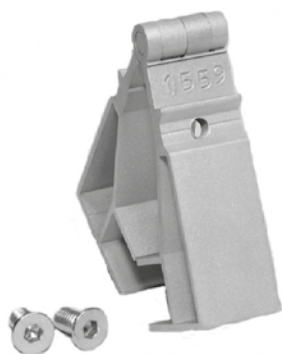


- 3 Avvitatura con viti ACP 5001, foro Ø8mm di punzonatrice. Dare un giro per lato, fino a che la testa della vite va a filo profilo
Screwing with screw ACP 5001, Ø8mm hole by punching-machine

32

Lavorazioni fori per montaggio squadretta maggiorata ad angolo variabile ACP 5506

ACP 5506 oversize adjustable corner joint

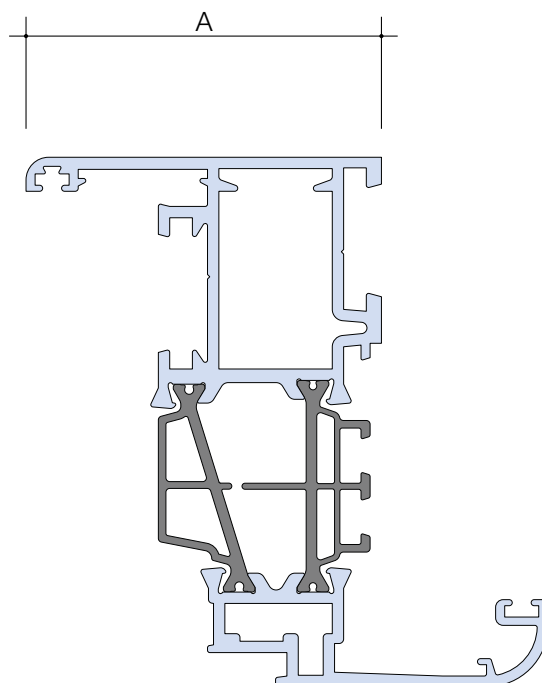
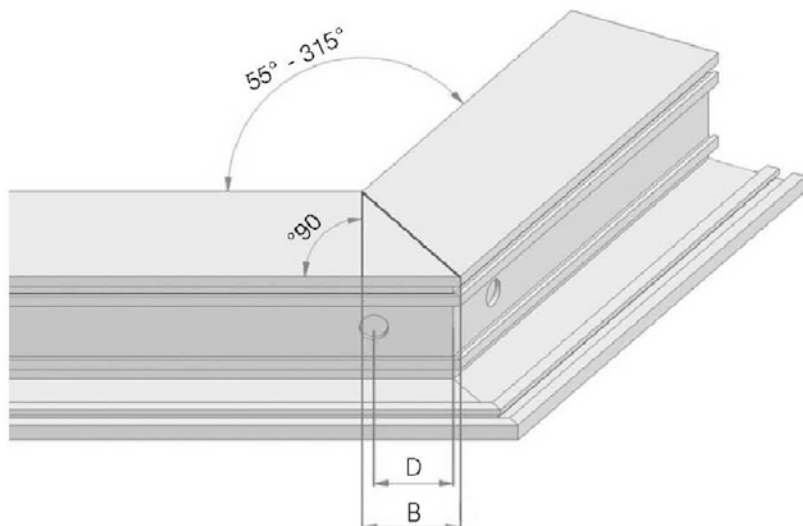


PROCEDURA PER ACP 5506

- 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 FORTATURA

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

ESEMPIO CON B= 35mm, A= 50mm

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

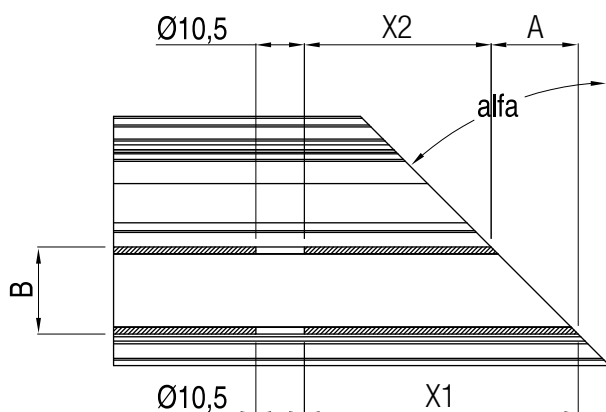
A= larghezza profilo

B= protezione (a 90°) vertice interno su lato sterno

33

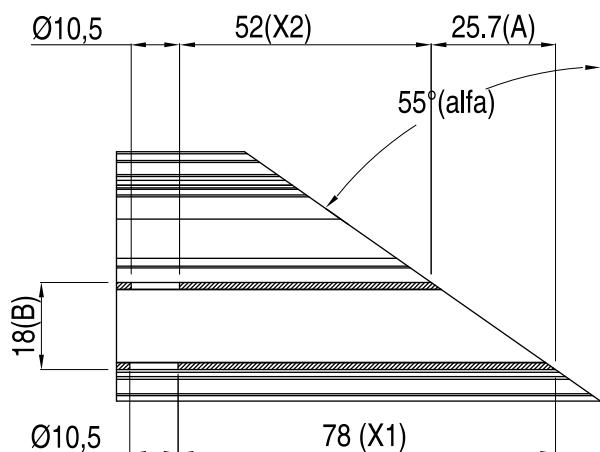
Lavorazione fori per montaggio squadrette angolo variabile ACP 5504 / ACP 5805

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



Esempio con angolo di taglio $\alpha = 55^\circ$

Example of α cutting angle = 55°



PROCEDURA PER ACP 5504

- Stabilito l'angolo di taglio del profilo, misurare la quota A o determinarla in linea teorica applicando la seguente formula: $A = B \times \tan(\alpha)$;
- Sommare o detrarre al coefficiente C la metà della quota A (prima determinata) per ottenere la distanza do 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:
 $A = B \times \tan(\alpha)$;
- 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;
- Given the wide range of adjustment of the brackets the measurement obtained can be rounded + 0 - to the 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= α

$$A = B \times \tan(\alpha)$$

$$C = 65$$

$$X1 = C + (A/2)$$

$$X2 = C - (A/2)$$

Angolo= 55°

$$A = 18 \times (\tan(55))$$

$$C = 65 \text{ (art.0910.10)}$$

$$X1 = 65 + (25.71/2) \approx 77.85$$

$$X = 65 - (25.71/2) \approx 52.15$$

arrotondare

$$X1 = 78$$

$$X2 = 52$$

Angle= α

$$A = B \times \tan(\alpha)$$

$$C = 65$$

$$X1 = C + (A/2)$$

$$X2 = C - (A/2)$$

Angle= 55°

$$A = 18 \times (\tan(55))$$

$$C = 65 \text{ (art.0910.10)}$$

$$X1 = 65 + (25.71/2) \approx 77.85$$

$$X2 = 65 - (25.71/2) \approx 52.15$$

round up/down

$$X1 = 78$$

$$X2 = 52$$

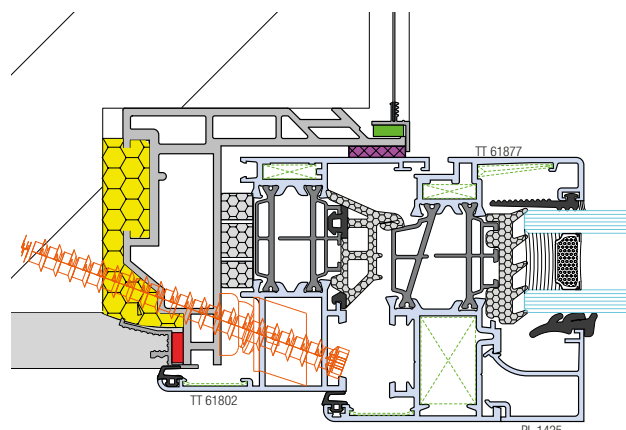
34

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.



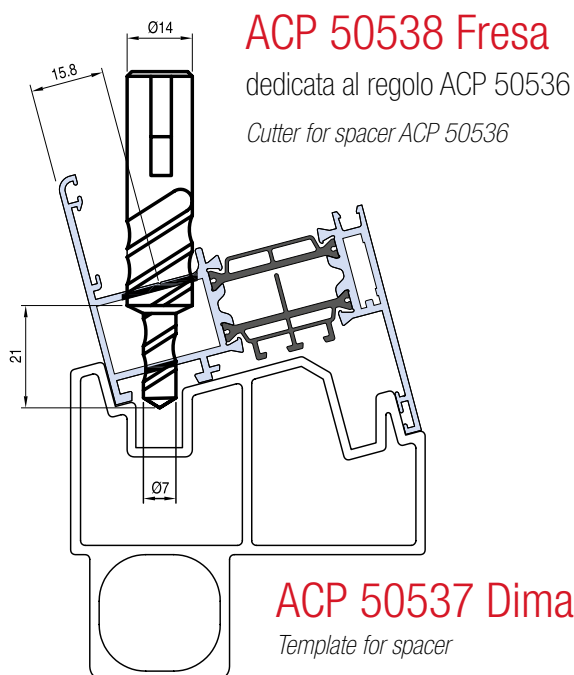
ACP 50536



Regolo obliquo in zama
Zamak sloping spacer

Forare la tubolarità del telaio con la fresa ACP 50538, utilizzando come base di 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 2mq

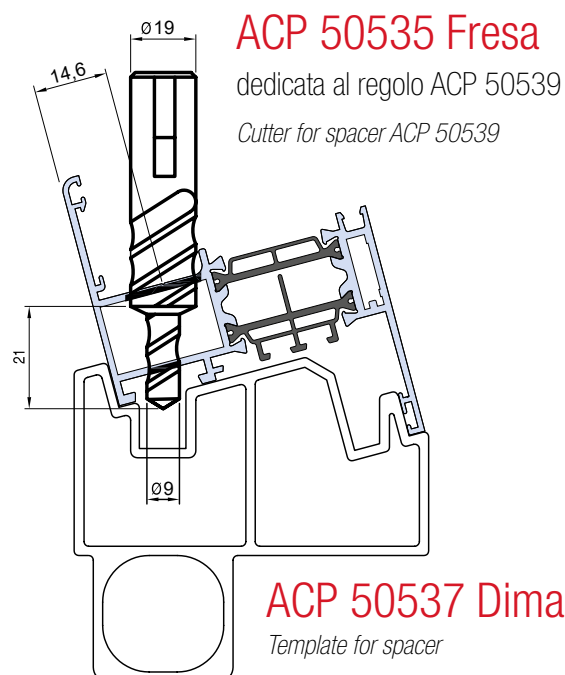
ACP 50539



Regolo obliquo in nylon per turboviti
Nylon sloping spacer

Forare la tubolarità del telaio con la fresa ACP 50535, utilizzando come base di 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

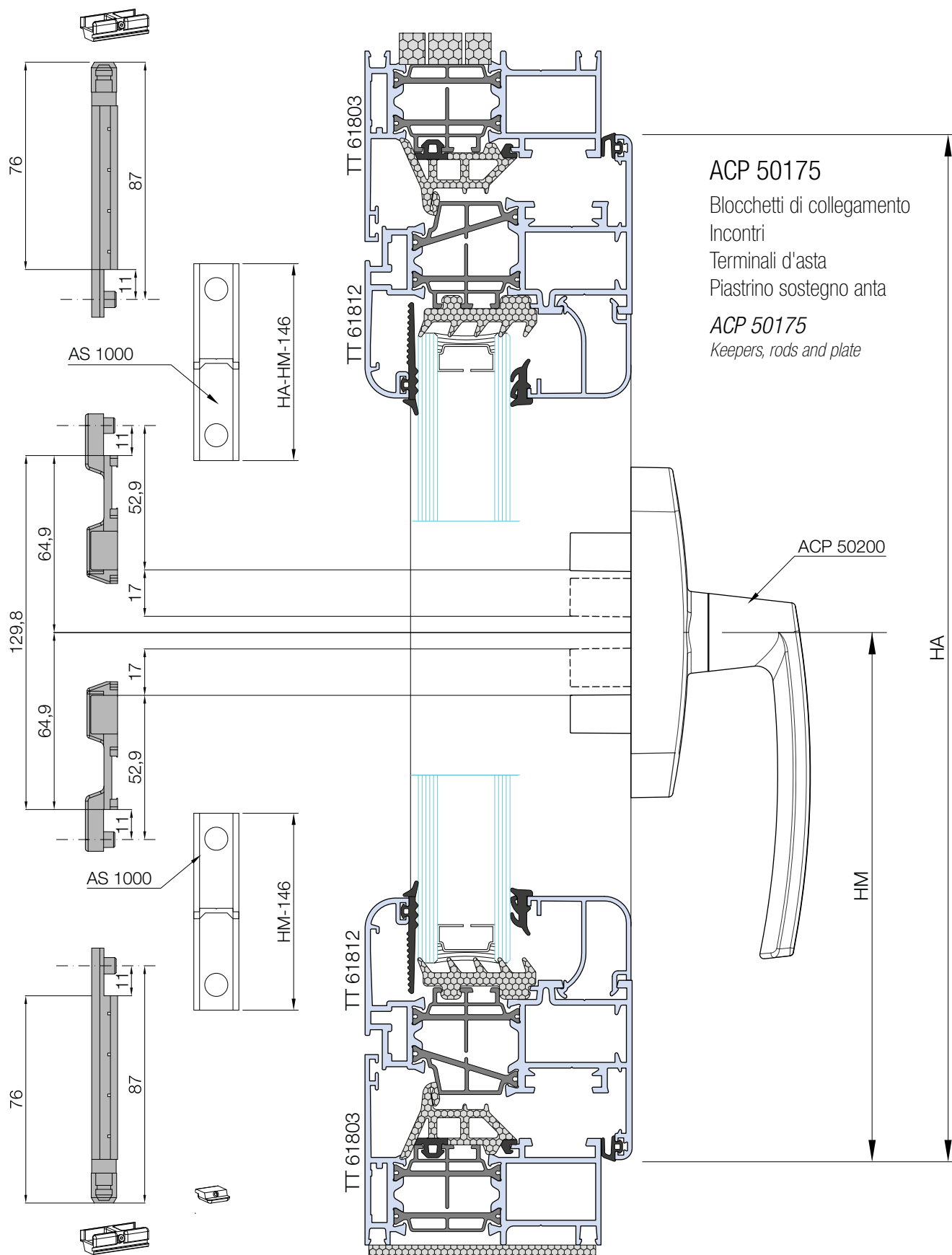


Utilizzare su finestre con dimensioni > 2mq

35

Lavorazione taglio astina per kit ACP 50175

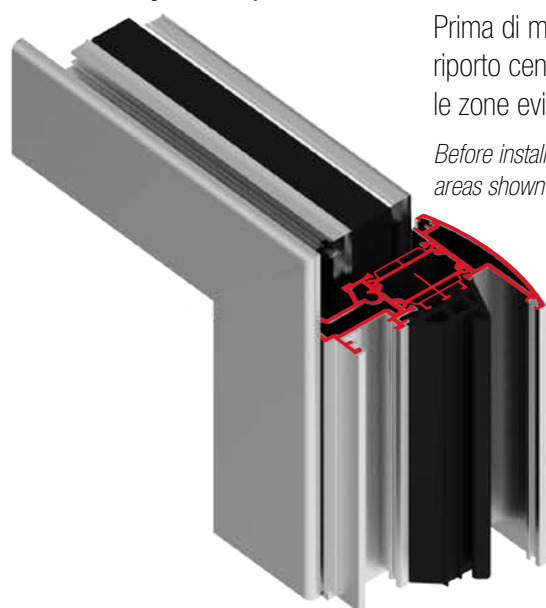
Leaf closure rod cutting for ACP 50175



36

Montaggio tappo riporto centrale ACP 62180

ACP 62180 astragal assembly



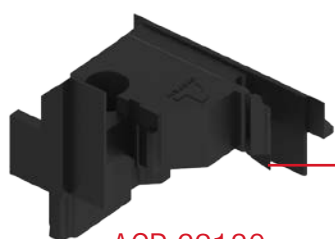
Prima di montare il tappo
riporto centrale occorre sigillare
le zone evidenziate nel disegno

*Before installing astragal cap, seal
areas shown on drawing*

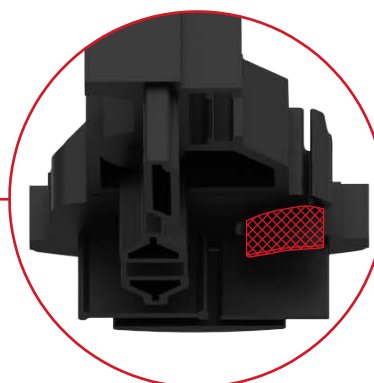


Avvitare con vite
TC-CE4,8

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



ACP 62180



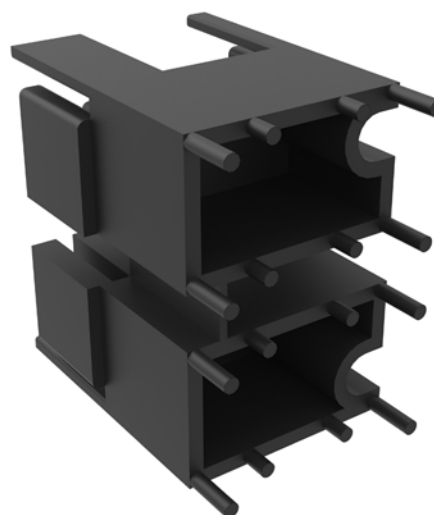
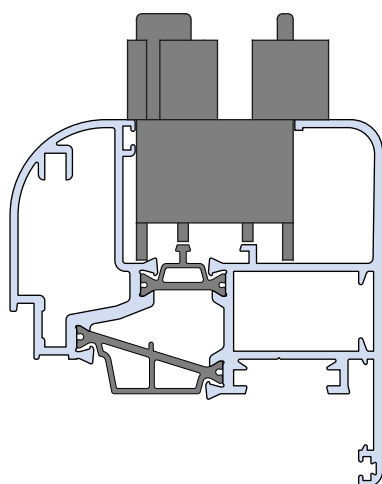
Dopo aver inserito il tappo,
accostare la pinna centrale
incollando la zona di contatto,
come evidenziato nell'immagine

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

37

Montaggio tappo anti-intestatura ACP 5525 per ante vetro infilare, spazio vetro 30mm

ACP 5525 cap assembly



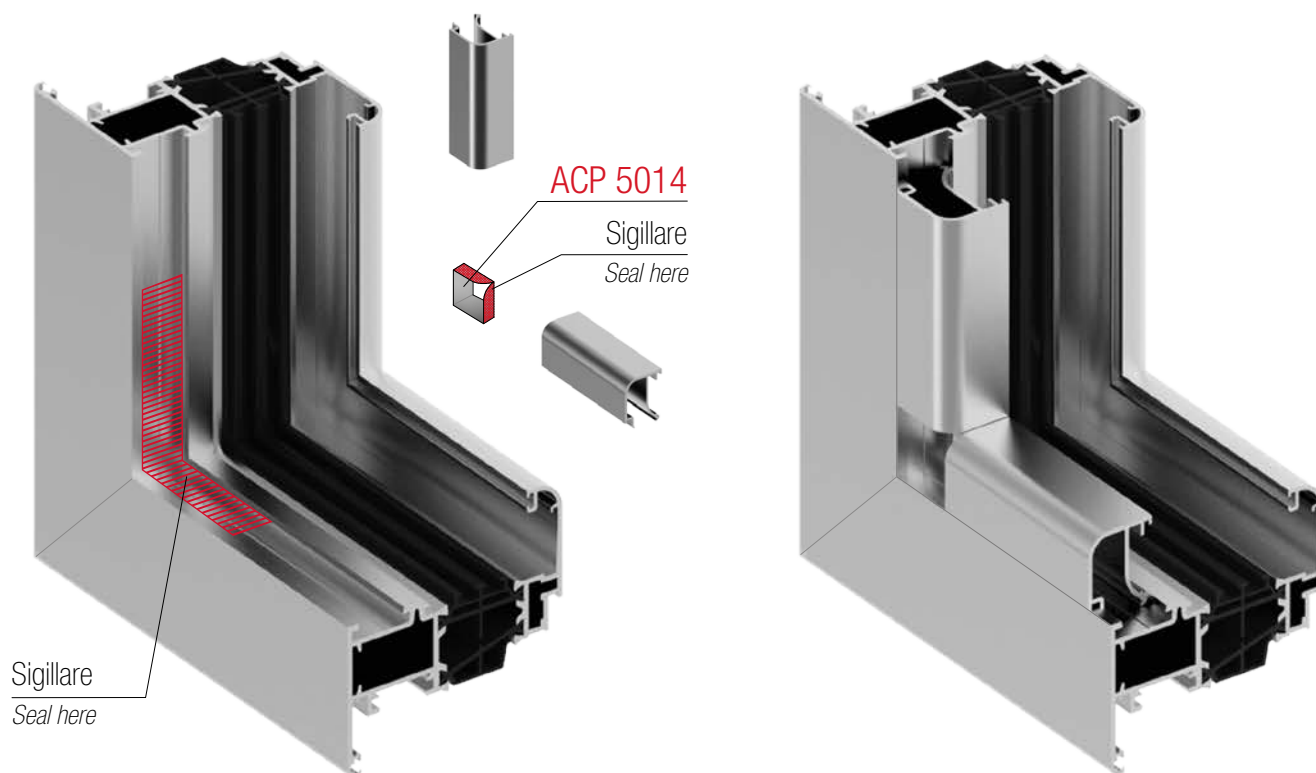
38

Montaggio angolino fermavetri ACP 5014

ACP 5014 glazing bead angle assembly

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

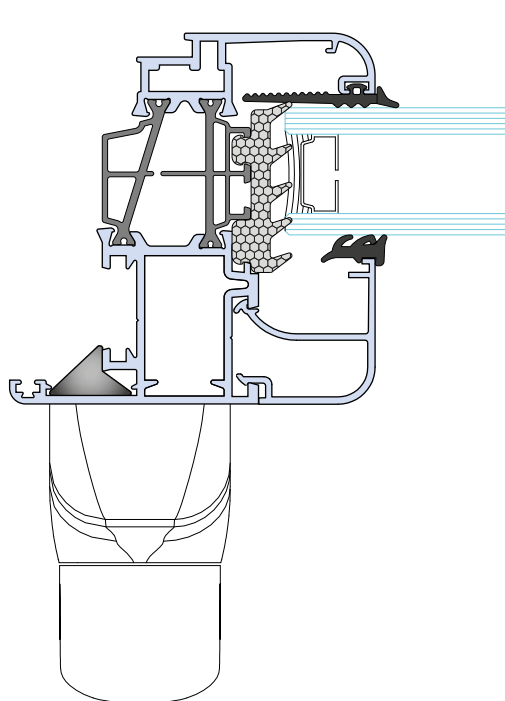
Before assembling the angle, seal the housing of the glazing bead in the corner and the joints with the glazing beads



39

Montaggio piastrino antirollio cremonese Aurora ACP 50200

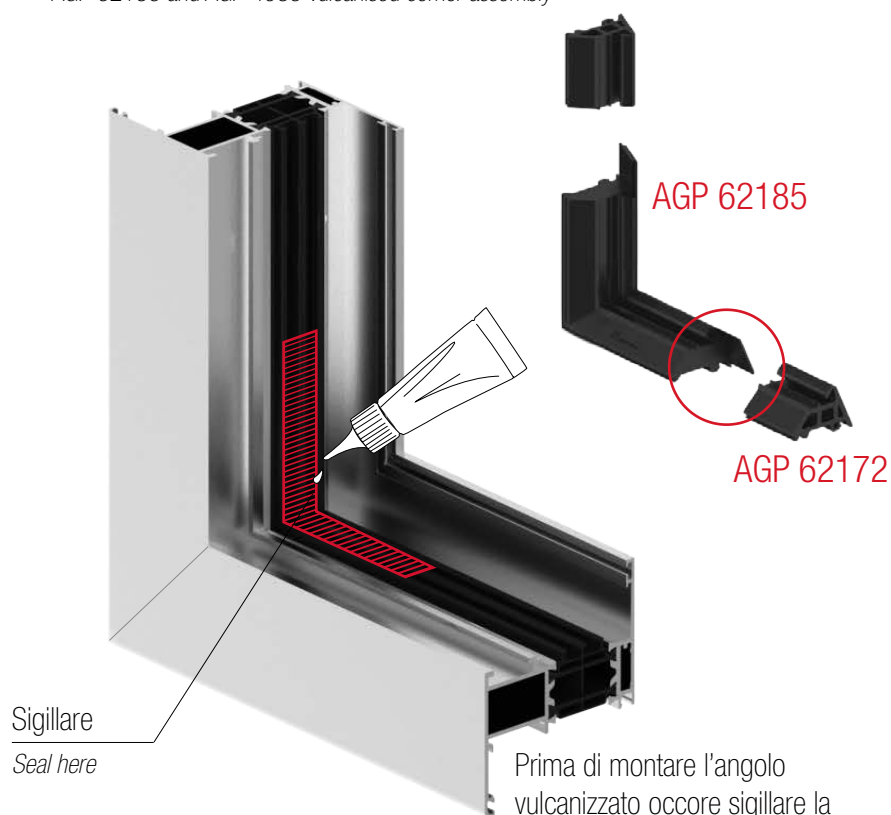
ACP 50200 cremonese handle antio-roll plate assembly



40

Montaggio angolo vulcanizzato AGP 62185 e AGP 4085

AGP 62185 and AGP 4085 vulcanised corner assembly

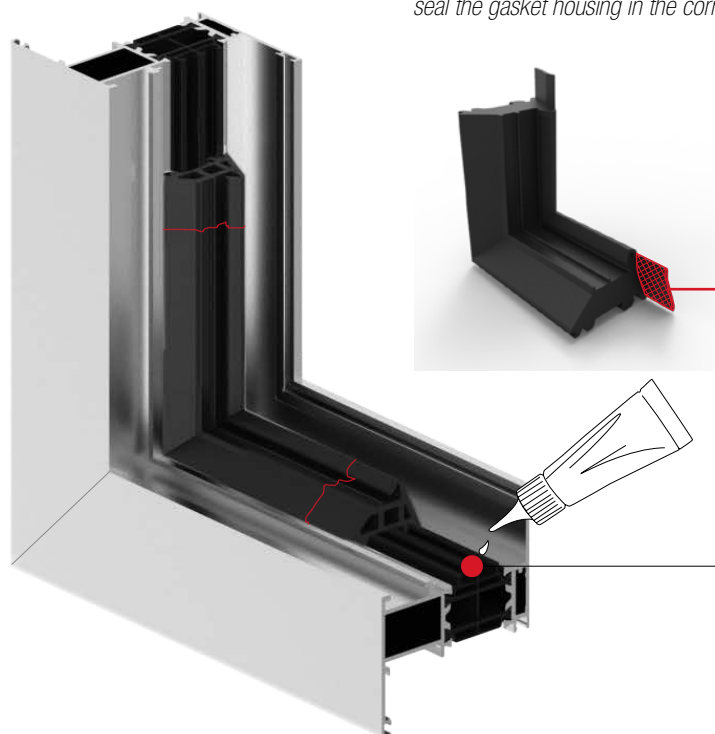


Prima di montare l'angolo vulcanizzato occorre sigillare la sede della guarnizione nell'angolo (come in figura)

Before assembling the vulcanised 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 62185



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

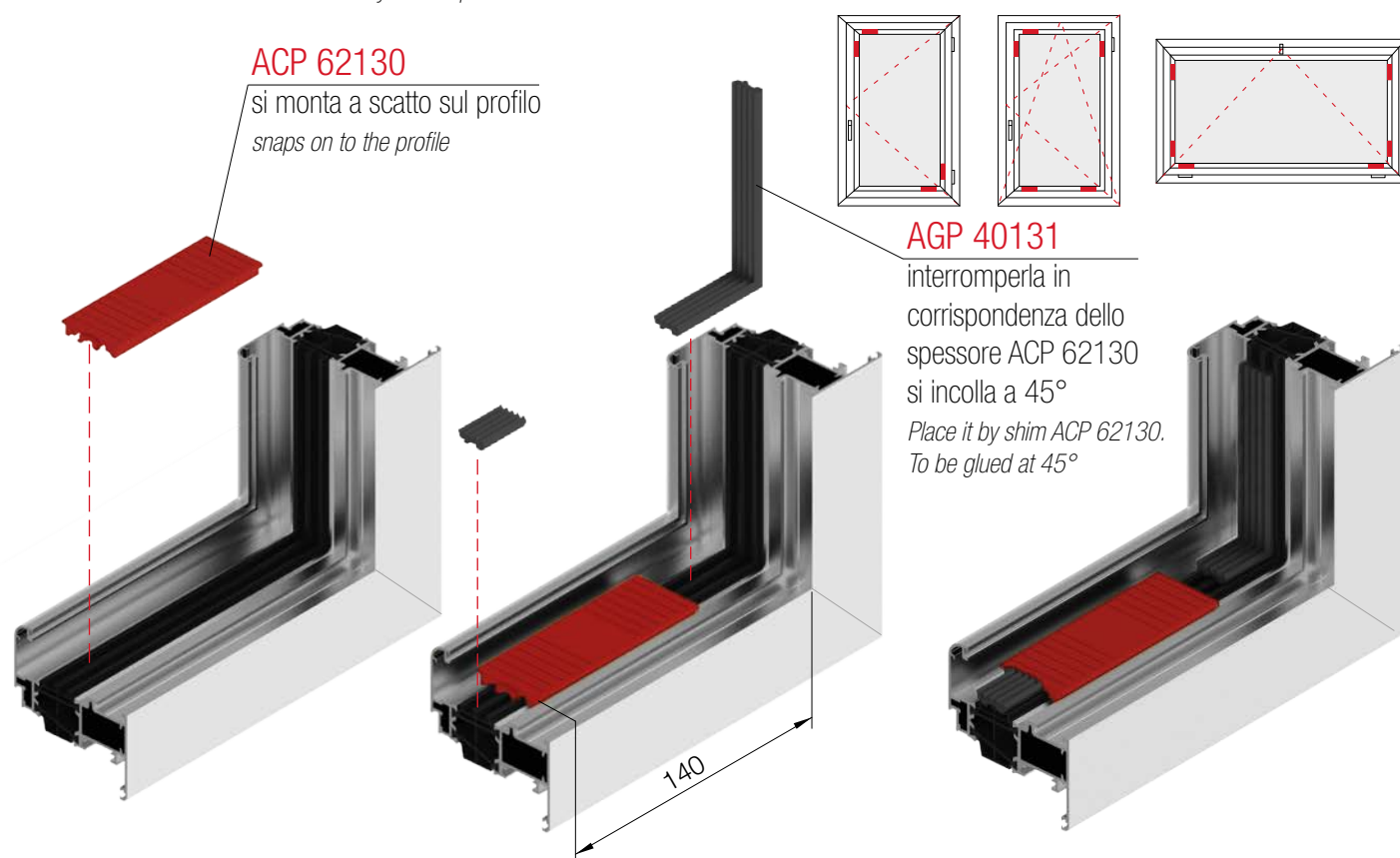
Dopo aver montato l'angolo vulcanizzato accostare la pinna incollando la zona di contatto

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

41

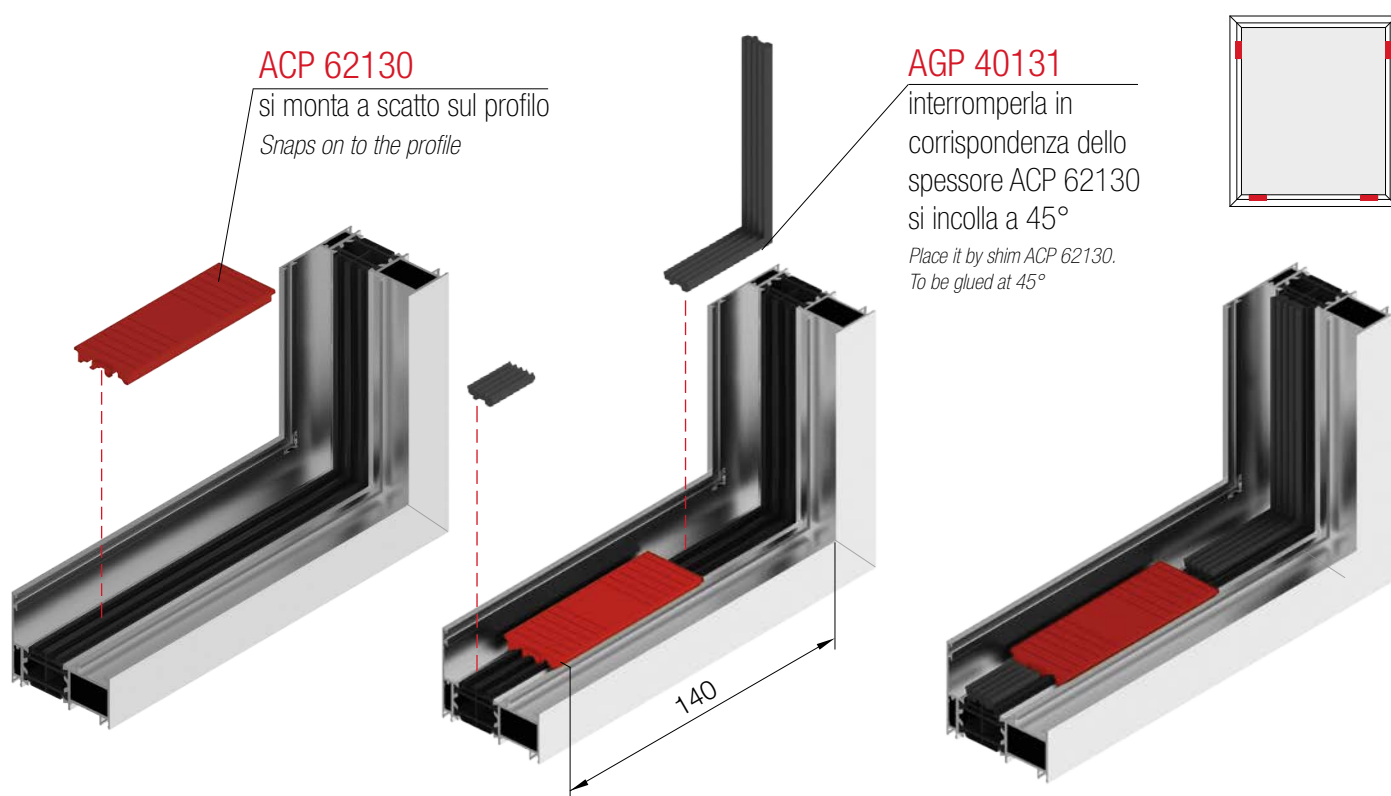
Applicazione supporto ACP 62130 e isolamento vetro AGP 40131 sui profili anta

ACP 62130 and AGP 40131 assembly for leaf profile



Applicazione supporto ACP 62130 e isolamento vetro AGP 40131 sui profili telaio nel caso di specchiature fisse

ACP 62130 and AGP 40131 assembly for fixed glass



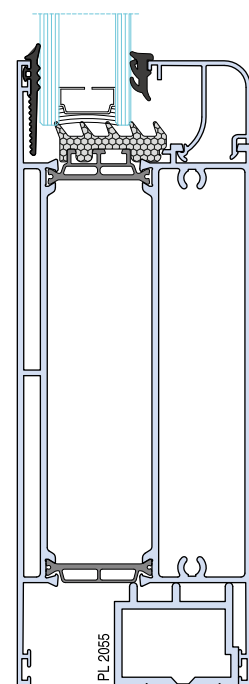
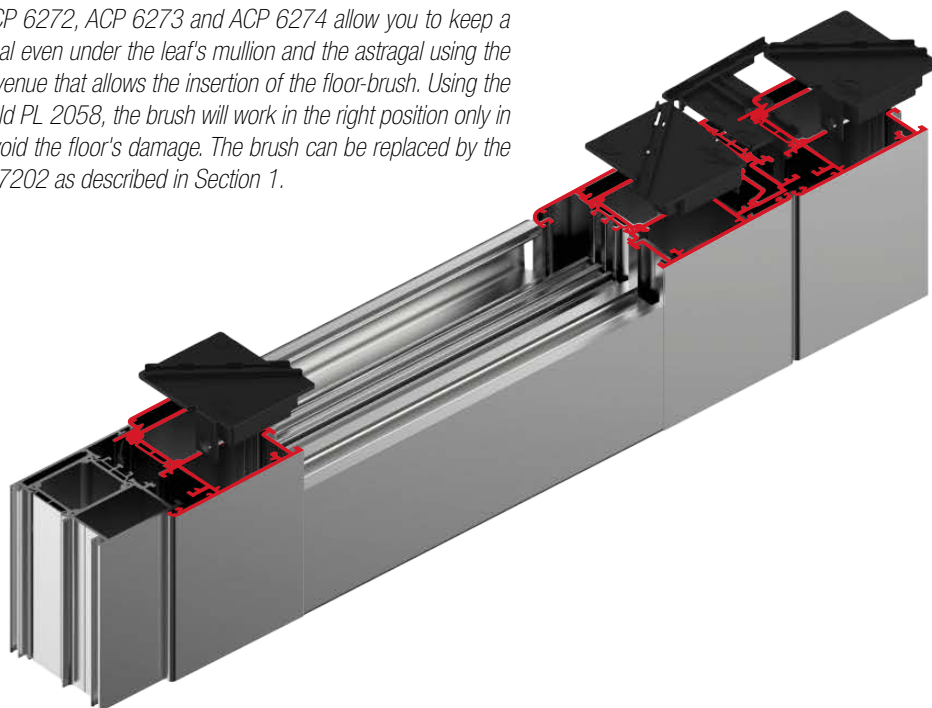
42

Applicazione tappi sottoporta ACP 6272, ACP 6273 e ACP 6274

Under door cap assembly ACP 6272, ACP 6273, ACP 6274

I tappi ACP 6272, ACP 6273 e ACP 6274 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.

The caps ACP 6272, ACP 6273 and ACP 6274 allow you to keep a continues 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

PL 2058
AGP 7202

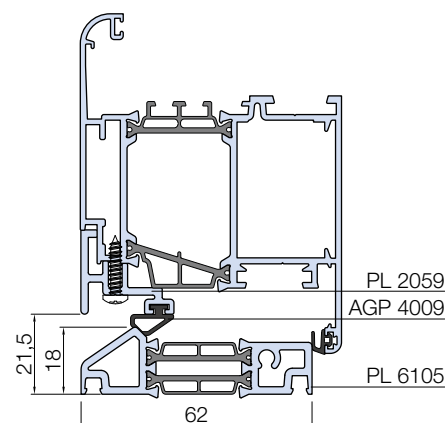
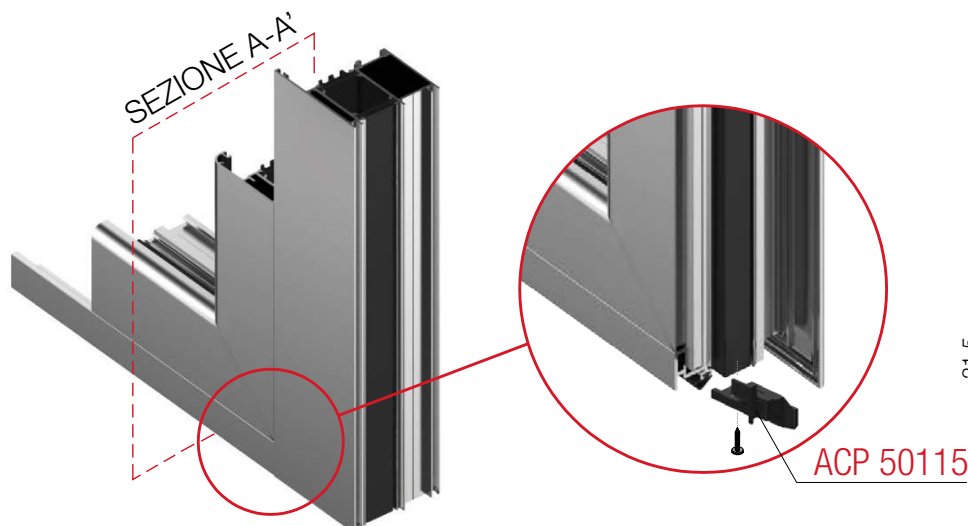
43

Applicazione tappo terminale sottoporta ACP 50115

ACP 50115 under door cap assembly

Nuovo tappo terminale per porte che prevedono l'anta a girare come traverso inferiore a pavimento al posto dello zoccolo. Il tappo terminale (destro e sinistro) 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.

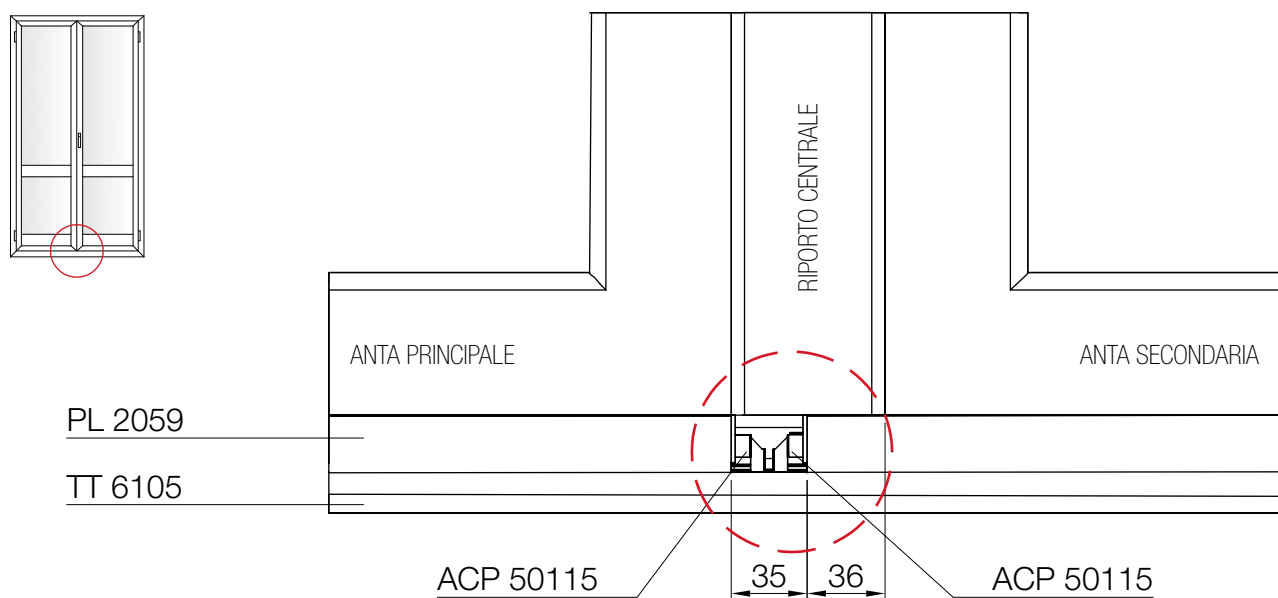
New cap for turn-leaf-doors which provide the leaf as sill in place of the base. The end cap (right and left) was created to make the the system more hermetic as it will give continuity between the gasket (AGP 4009) and the mullion's fin seal. Therefore it won't need two vulcanized corner. The cap will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



Sez. A-A'

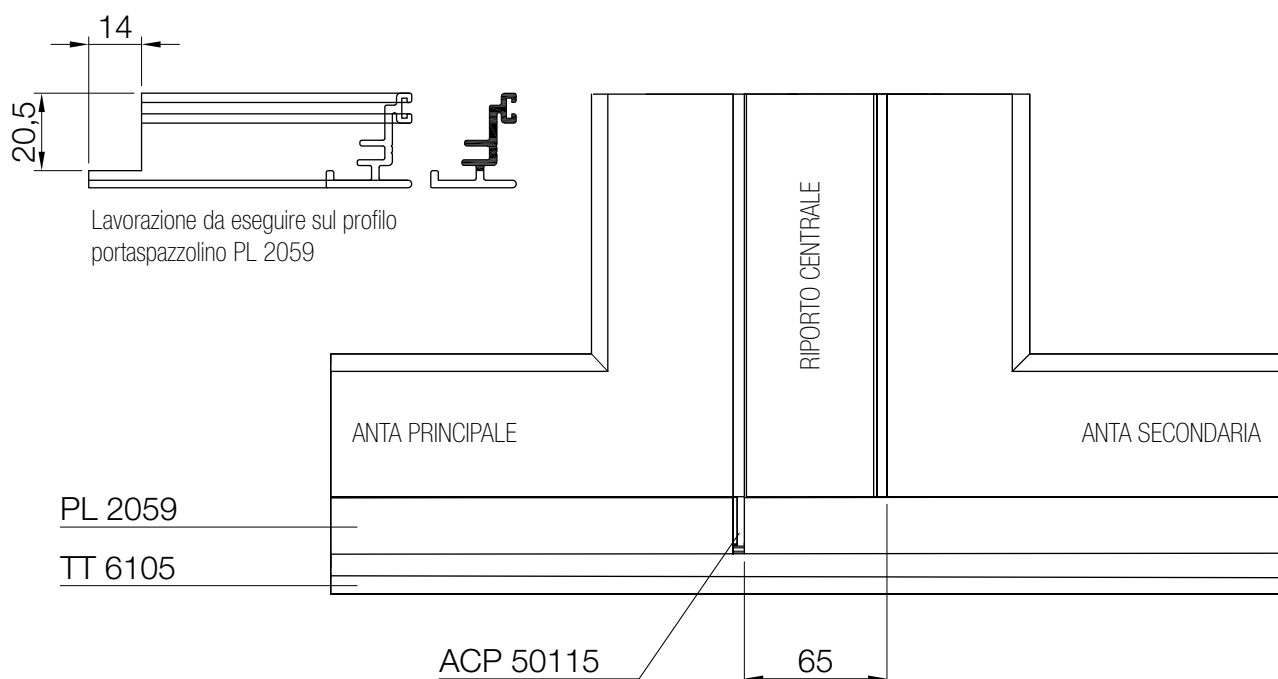
Nel nodo centrale dell'infisso a 2 ante è possibile adottare 2 differenti soluzioni in base alle proprie esigenze. La soluzione ermetica prevede l'inserimento del tappo ACP 50115 su entrambe le ante, creando però una zona centrale con i tappi a vista da 35X30mm, come evidenziato nel disegno qui sotto.

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.



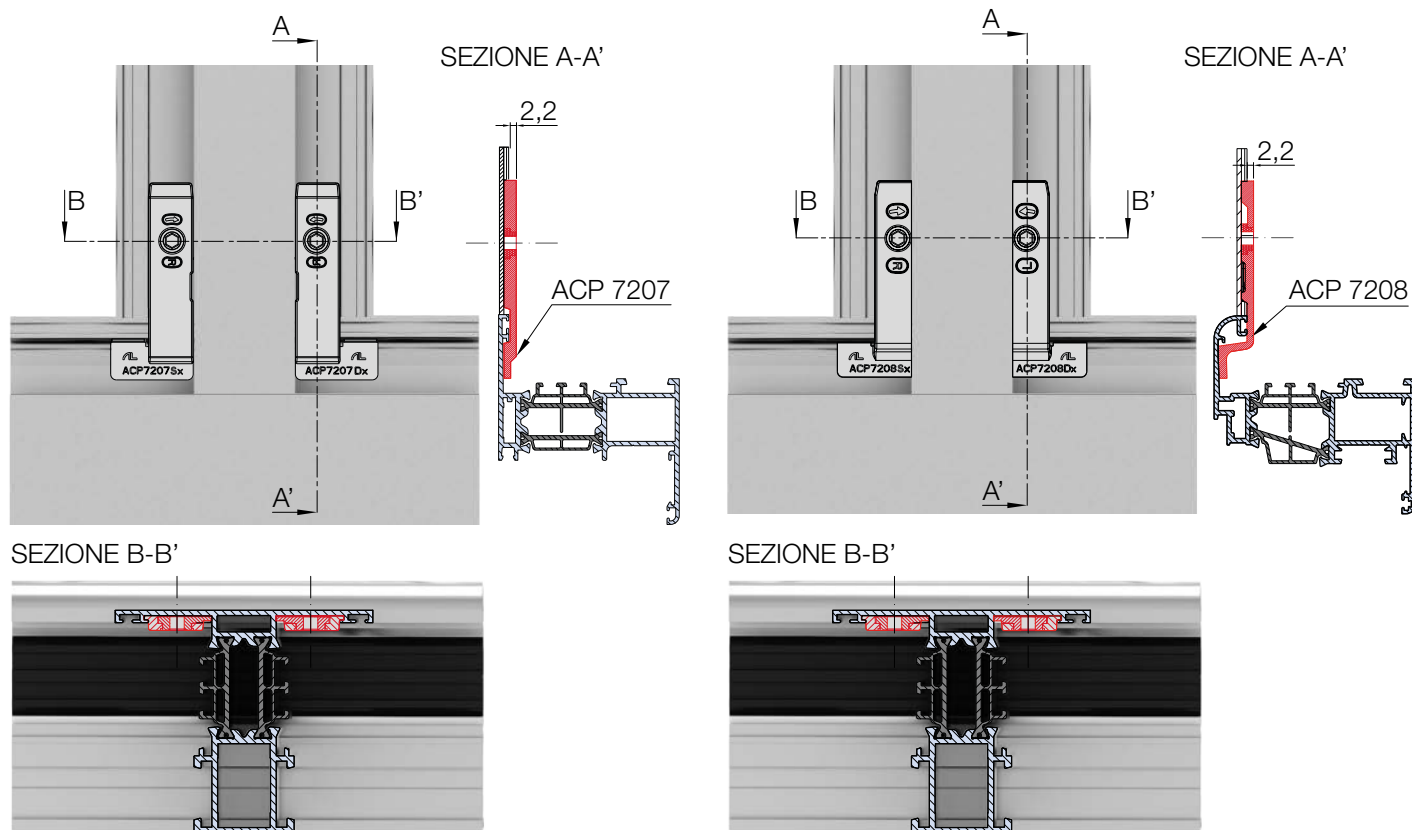
44

Applicazione cavallotti esterni ACP 7207 e ACP 7208

ACP 62185 and AGP 4085 assembly

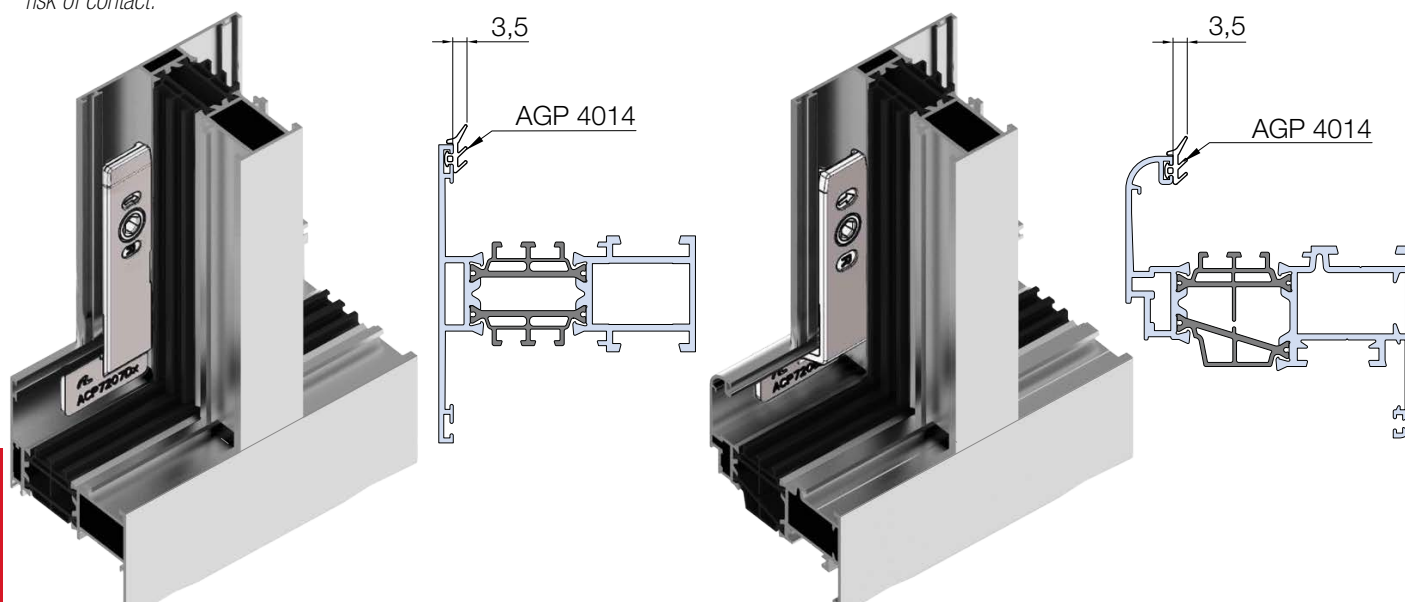
I cavallotti ACP 7207 e ACP 7208 conferiscono alla giunzione tra montante e traverso un perfetto allineamento della scocca esterna nonché un tiraggio notevole, sulle serie di una certa profondità aiutano a mantenere il traverso in posizione ortogonale senza subire rotazione a causa del peso del vetro.

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



Nell'utilizzo dei cavallotti ACP 7207, 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.

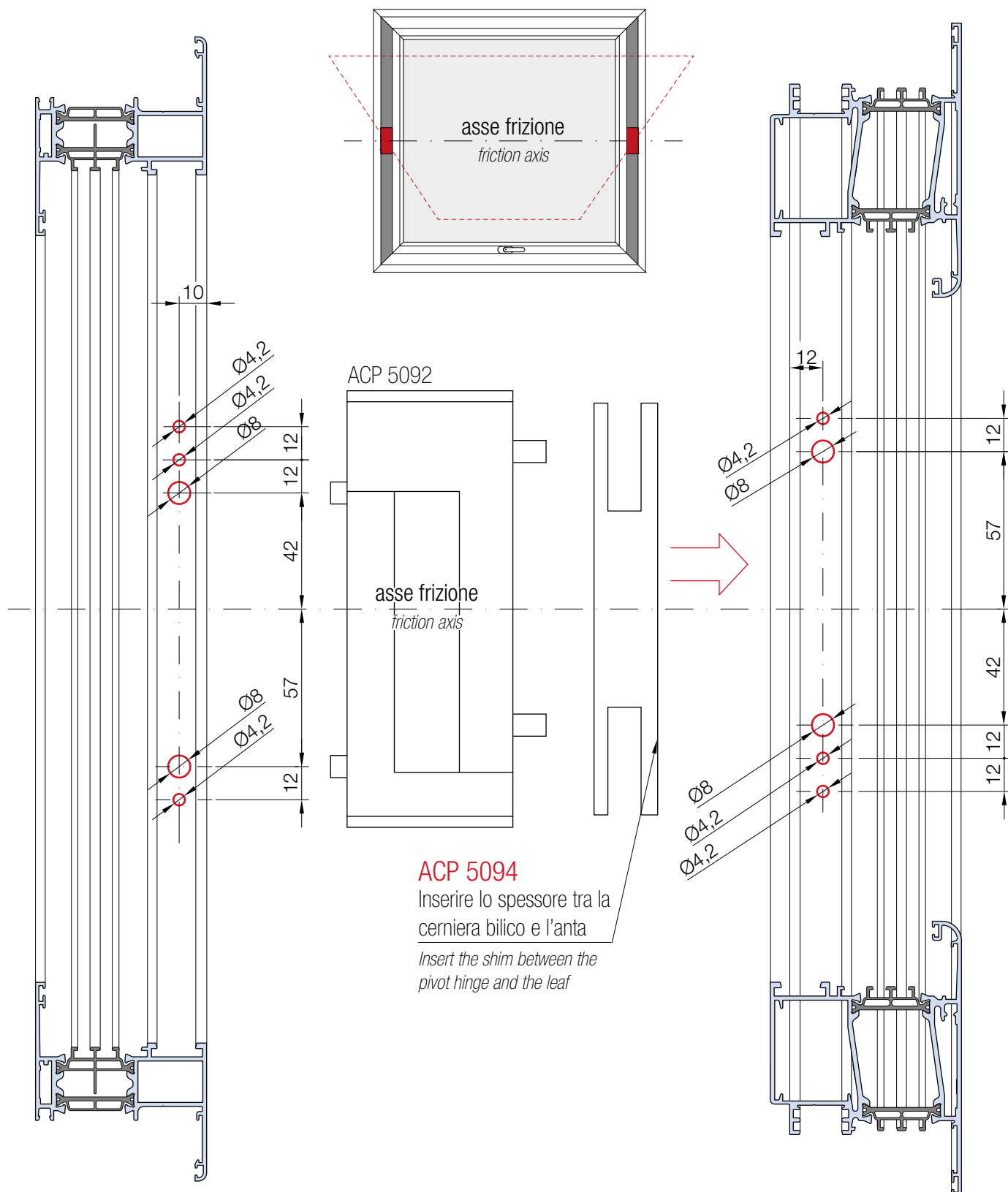
To use clamps ACP 7207 and ACP 7208 is required use the gasket AGP 4014 that allows you to place the glass at the right distance, avoiding any risk of contact.



45

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

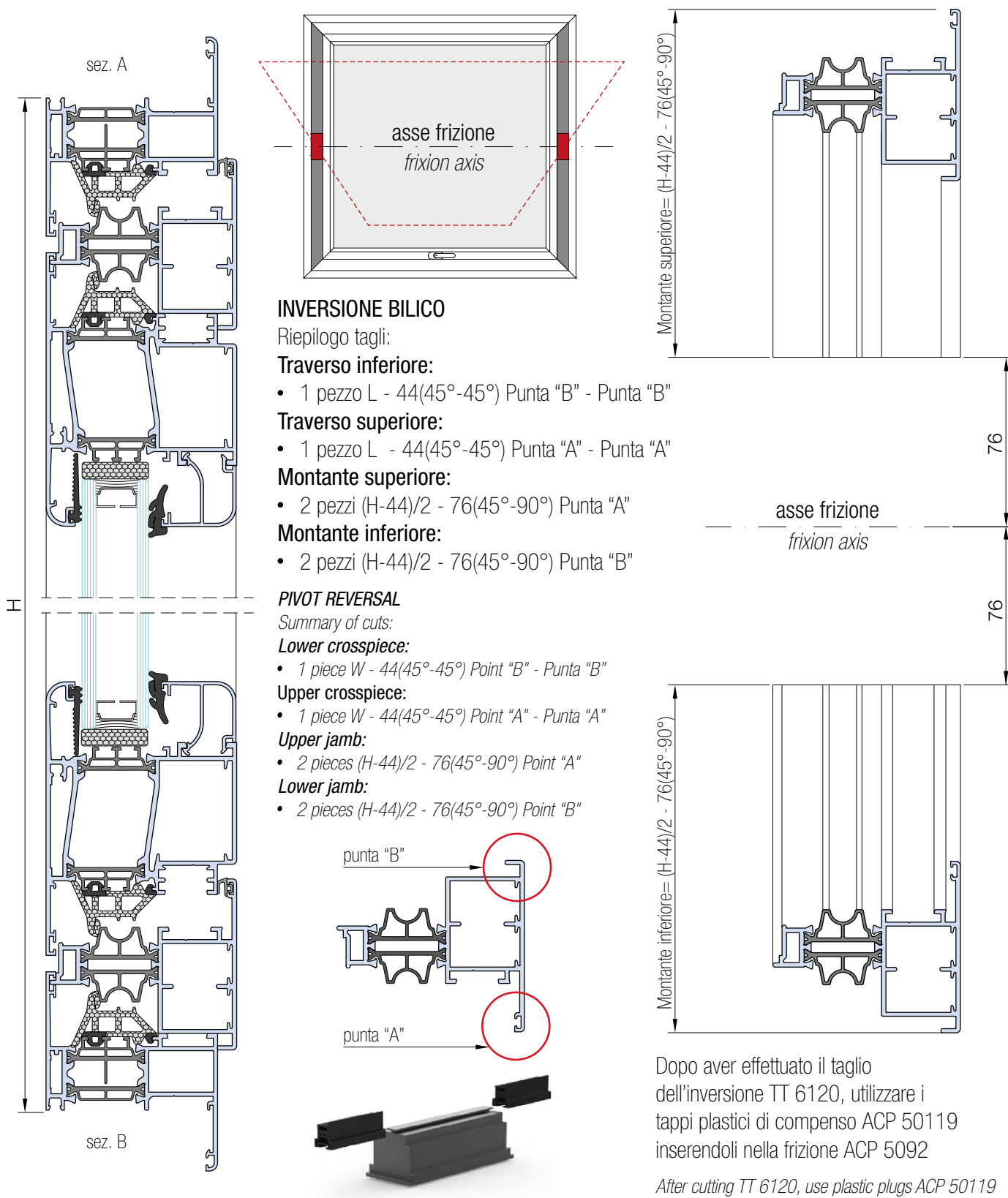
Machining of frame and horizontal pivot leaf to fit hinge ACP 5092 - load 175kg



46

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

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



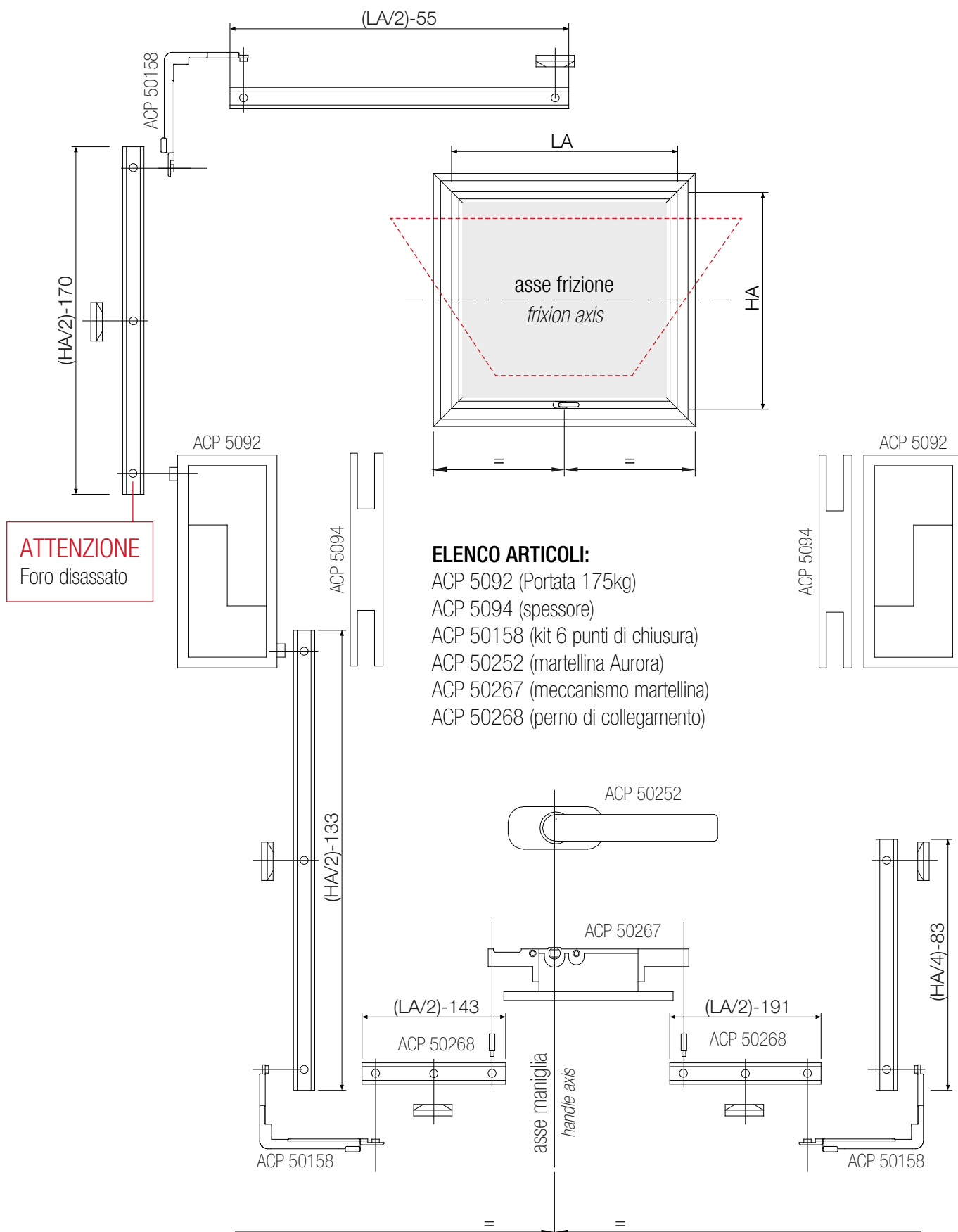
L'utilizzo dei tappi evita l'intestatura del profilo "inversione di battuta bilico", velocizzando il processo di realizzazione dell'infisso come raffigurato a lato.

The use of plugs prevents the fabricator the butting profile "Profile window rabbet adapter", which 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



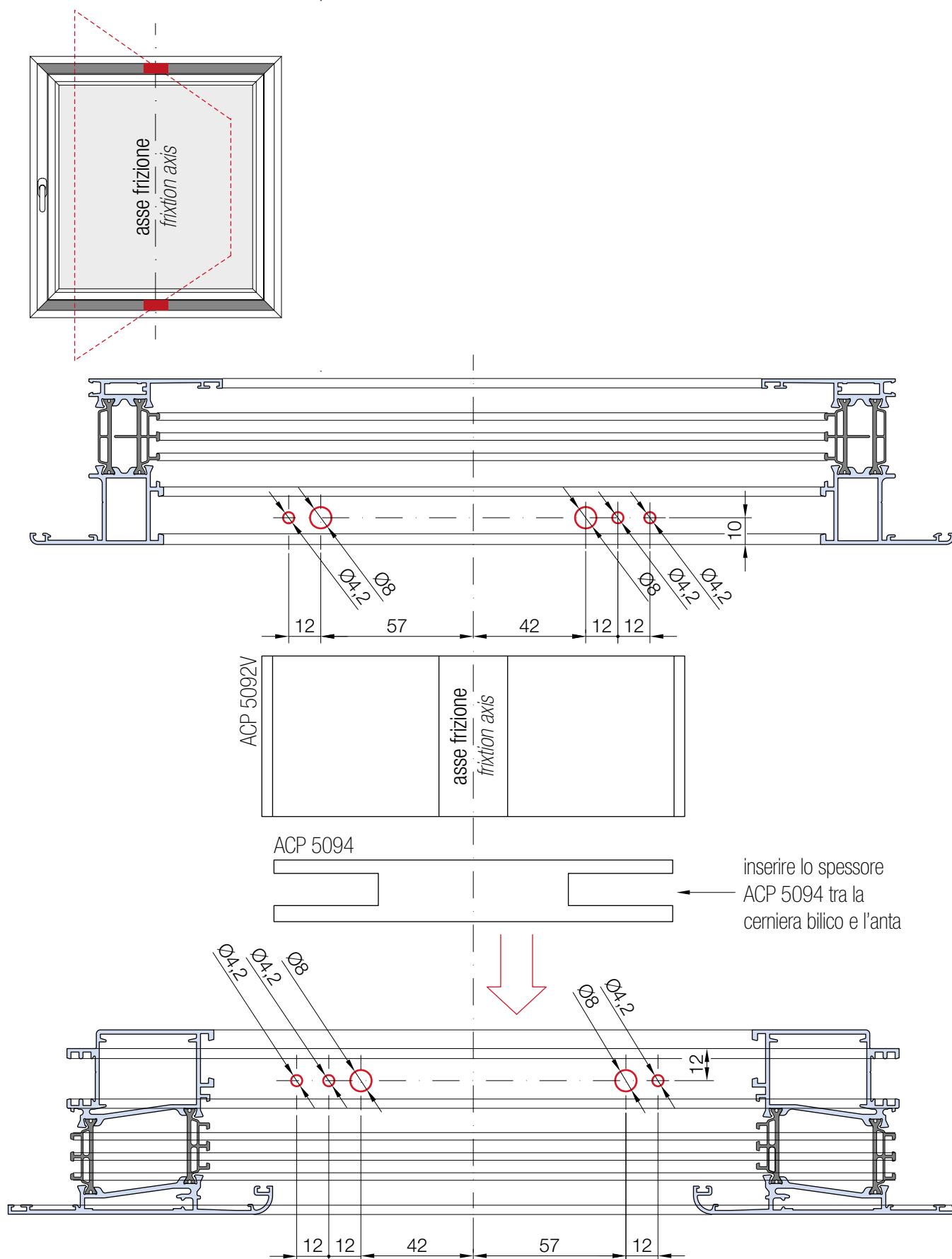
ELENCO ARTICOLI:

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

48

Lavorazioni telaio e anta bilico verticale per applicazione cerniera ACP 5092V - portata 175kg

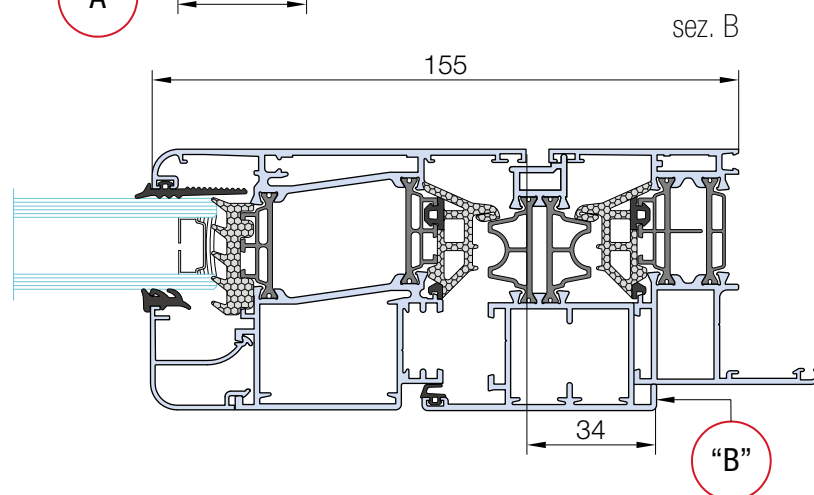
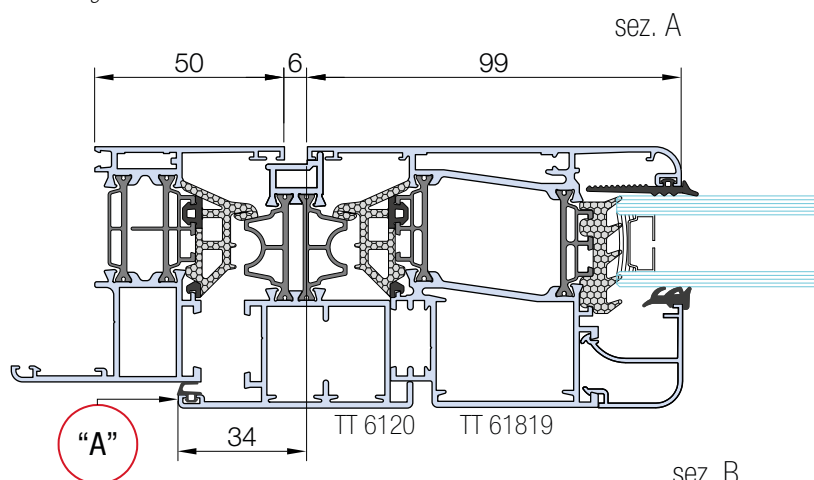
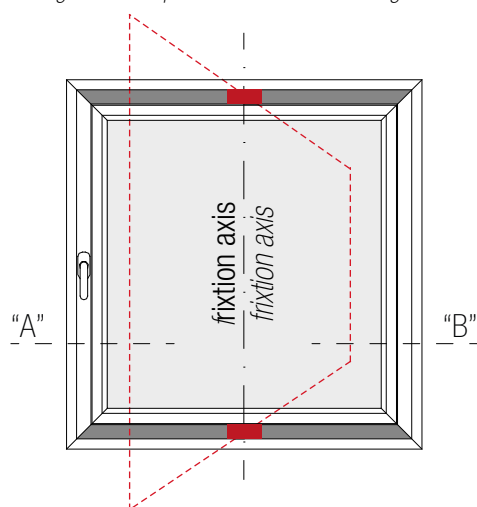
Machining of frame and vertical pivot leaf to the fit hinge ACP 5092V - load 175kg



49

Lavorazione inversione bilico verticale per applicazione cerniera ACP 5092 - portata 17kg

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



INVERSIONE BILICO TT 6120

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"

Traverso DX:

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

Traverso SX:

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

PIVOT REVERSAL TT 6120

Summary of cuts: High leaf (H), Weight leaf (L)

SX mullion:

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

DX mullion:

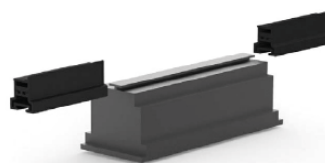
- 1 piece H - 44(45°-45°) Point "B" - Punta "B"

DX transom:

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

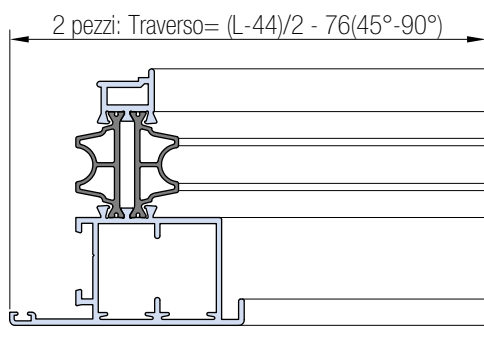
SX transom:

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

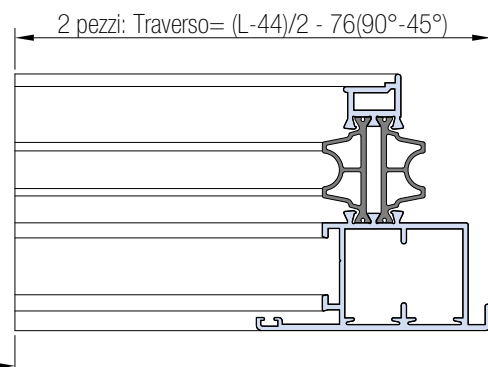


Dopo aver effettuato il taglio dell'inversione TT 6120, utilizzare i tappi plastici di compenso ACP 50119V, inserendoli nella frizione ACP 5092

After cutting TT 6120, use plastic plugs ACP 50119V



asse frizione
friction axis



50

Lavorazione taglio asta per applicazione kit ACP 50158, bilico verticale

Working application ACP 50158, vertical pivot window

ELENCO ARTICOLI:

ACP 5092V (Portata 175kg)

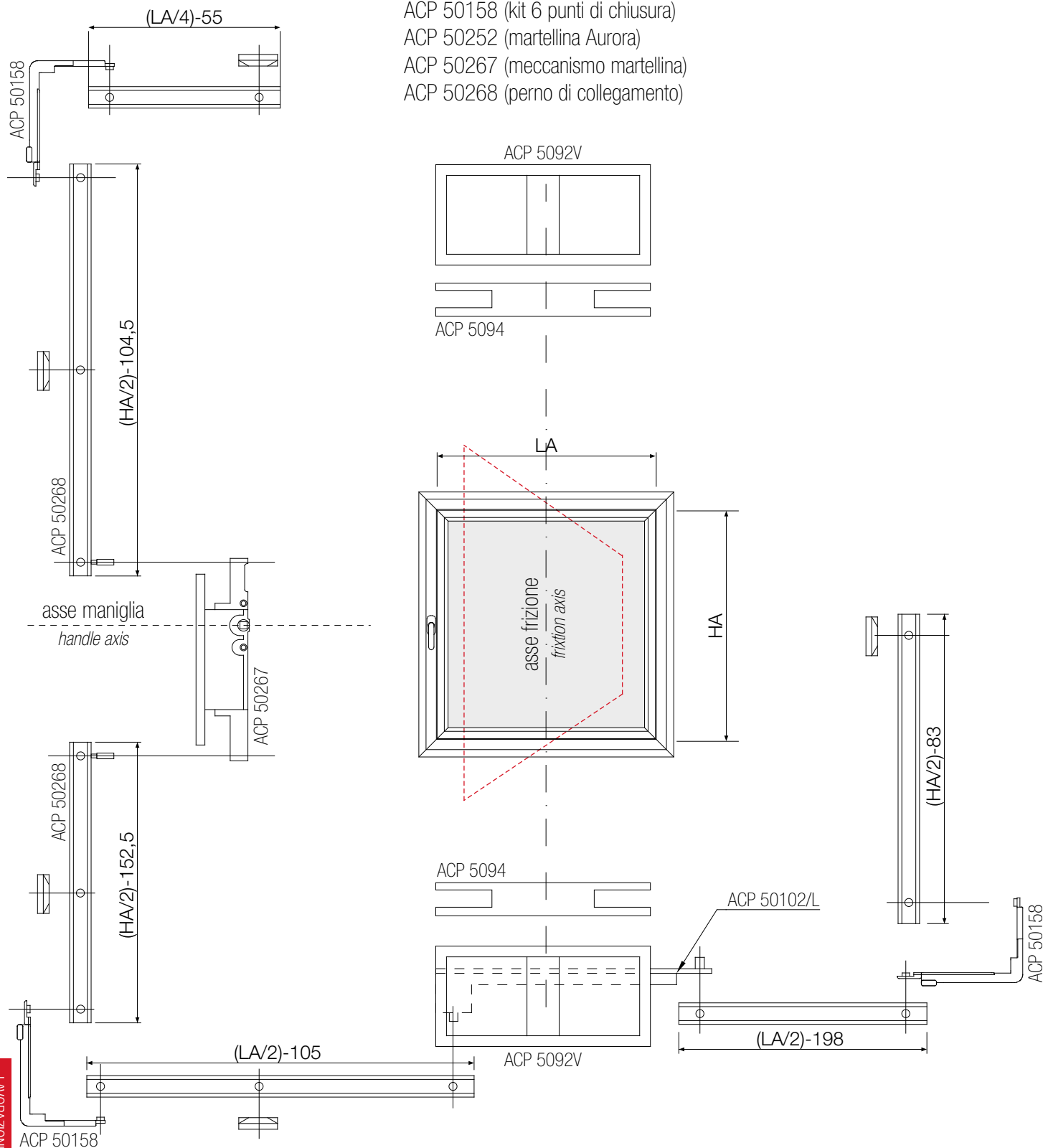
ACP 5094 (spessore)

ACP 50158 (kit 6 punti di chiusura)

ACP 50252 (martellina Aurora)

ACP 50267 (meccanismo martellina)

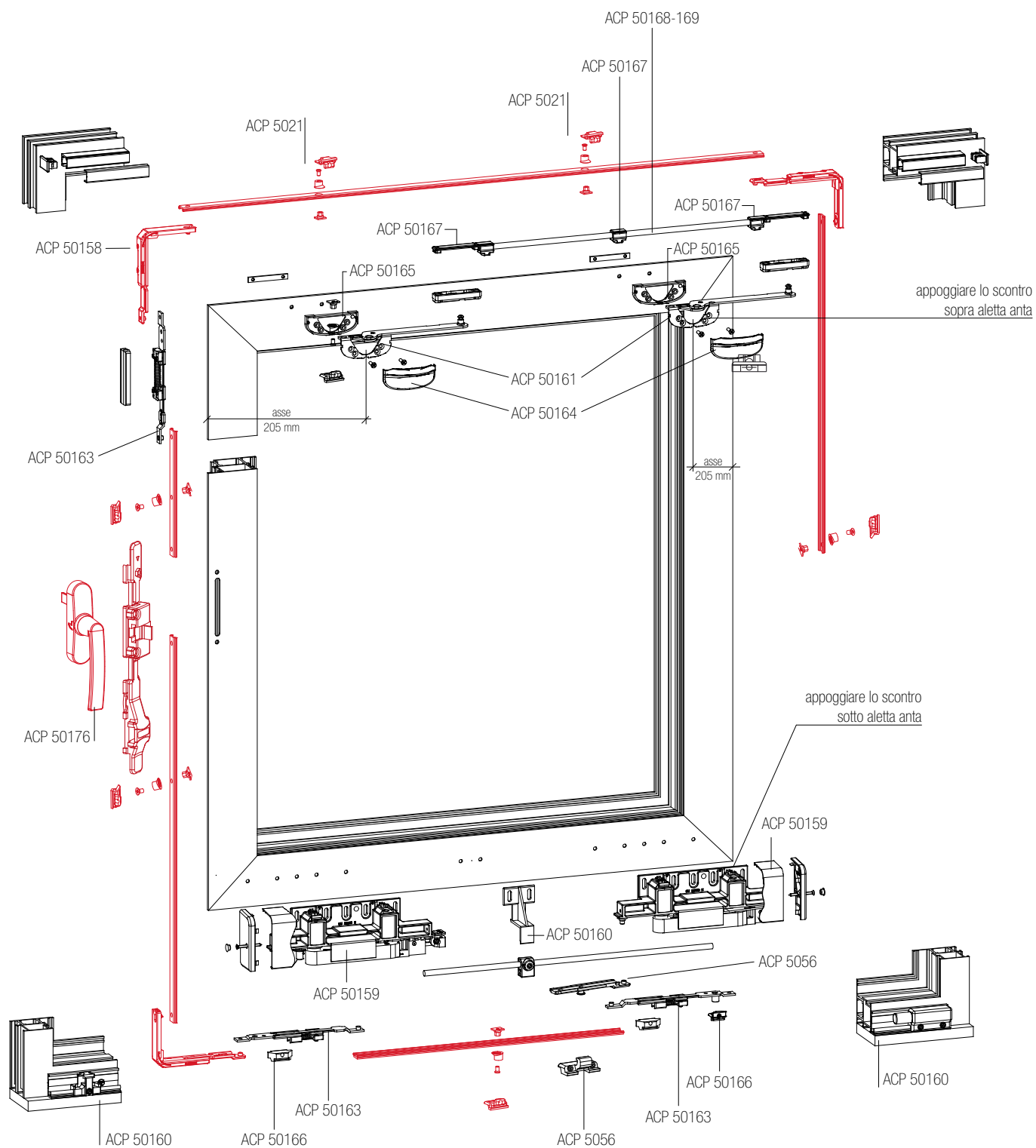
ACP 50268 (perno di collegamento)



51

Istruzioni montaggio kit scorrevole parallelo

Parallel slide kit assembly



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Istruzioni funzionamento kit scorrevole parallelo

Parallel slide kit assembly

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

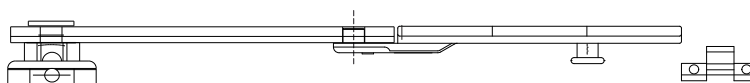
Manual use

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

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

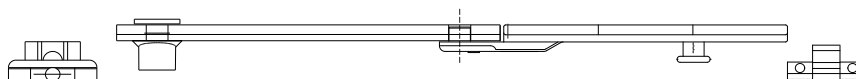
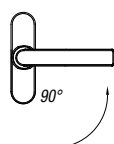
CHIUSA

Closed



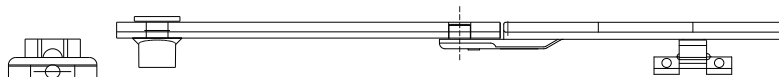
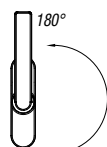
SCORREVOLE

Slide



RIBALTA

Tilt and turn



Per uso in semi-automatico

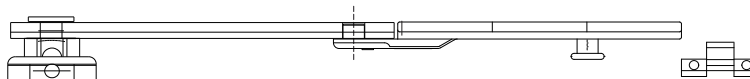
come manuale con l'aggiunta di ACP 50163 e ACP 50166

Semi-automatic

as manual with the addition of

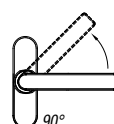
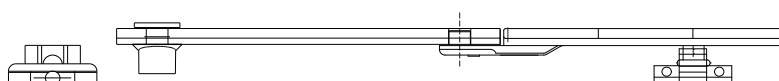
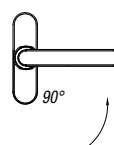
CHIUSA

Closed



RIBALTA

Tilt and turn



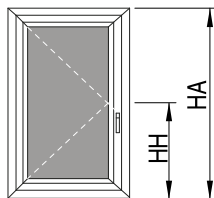
Dando un colpo verso l'alto vado in posizione scorrevole ma la maniglia torna in posizione orizzontale per permettere l'aggancio in ribalta autonomamente

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



ELENCO ARTICOLI:

ACP 50267 (Comando Martellina) pz 1

ACP 50252 (Martellina) pz 1

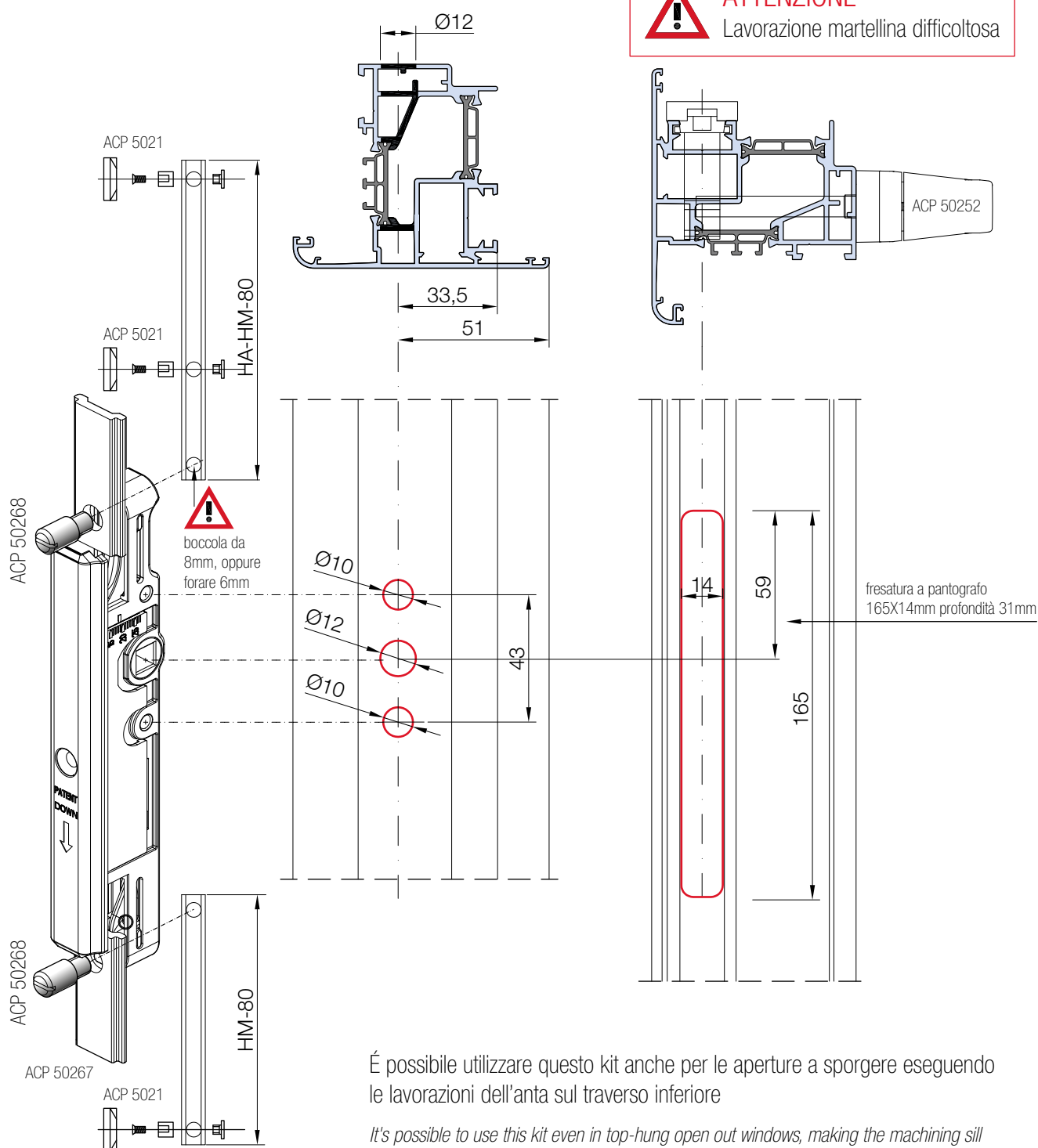
ACP 5021 (chiusure) pz 3

ACP 50268 (perno di collegamento)



ATTENZIONE

Lavorazione martellina difficoltosa



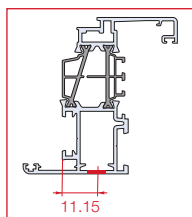
È possibile utilizzare questo kit anche per le aperture a sporgere eseguendo le lavorazioni dell'anta sul traverso inferiore

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

54

Applicazione martellina ACP 50252

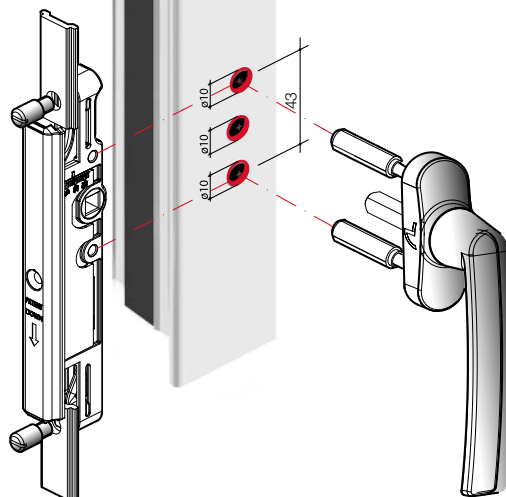
ACP 50252 martellina handle assembly



1

Inserire il meccanismo
nell'apposita sede

*Insert the mechanism into
its seat*



2

Abbinare l'astina e
fissare con i perni di
collegamento

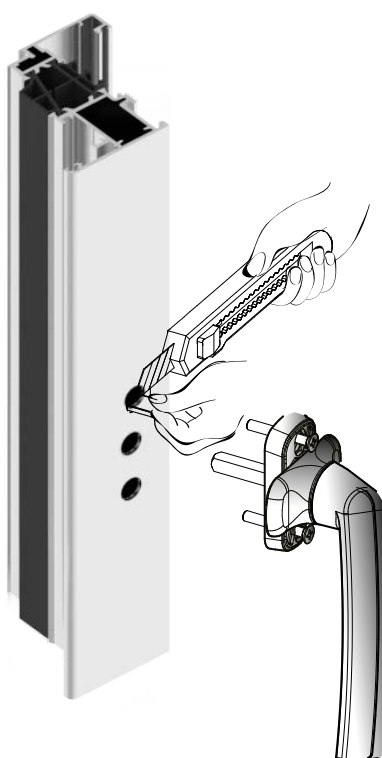
*Match the rod and secure with
connecting pins*



3

Tagliare a misura i
distanziali plastici

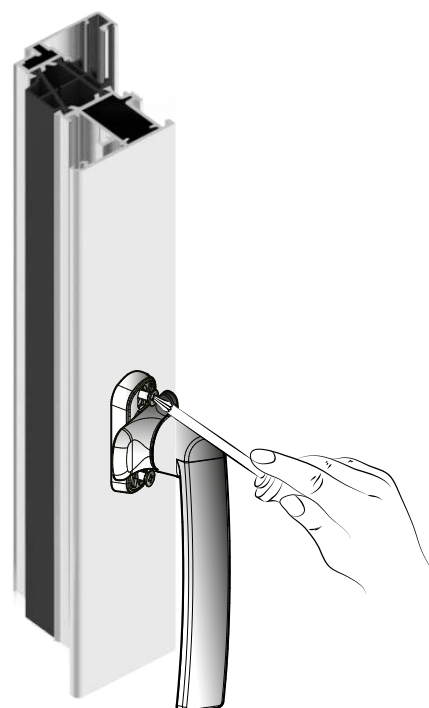
Cut to size plastic spacers



4

Fissare la
martellina con le
apposite viti

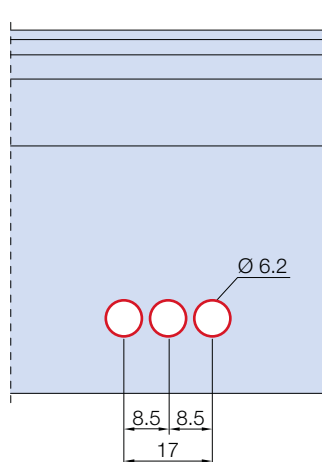
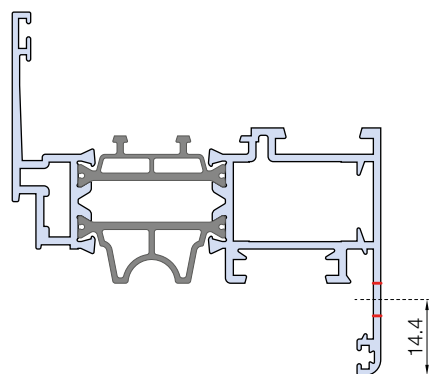
*Fix the handle with its
screws*



55

Applicazione EXENS ACP 50314

ACP 50314 EXENS handle assembly



- 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 Fissare il meccanismo al profilo con due viti
Fixed mechanism to the profile with screws
- 6 Inserire la EXENS attraverso i fori 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

SECRET tilt and turn mechanism assembly

PESO MASSIMO DELL'ANTA (ALLUMINIO E VETRO)

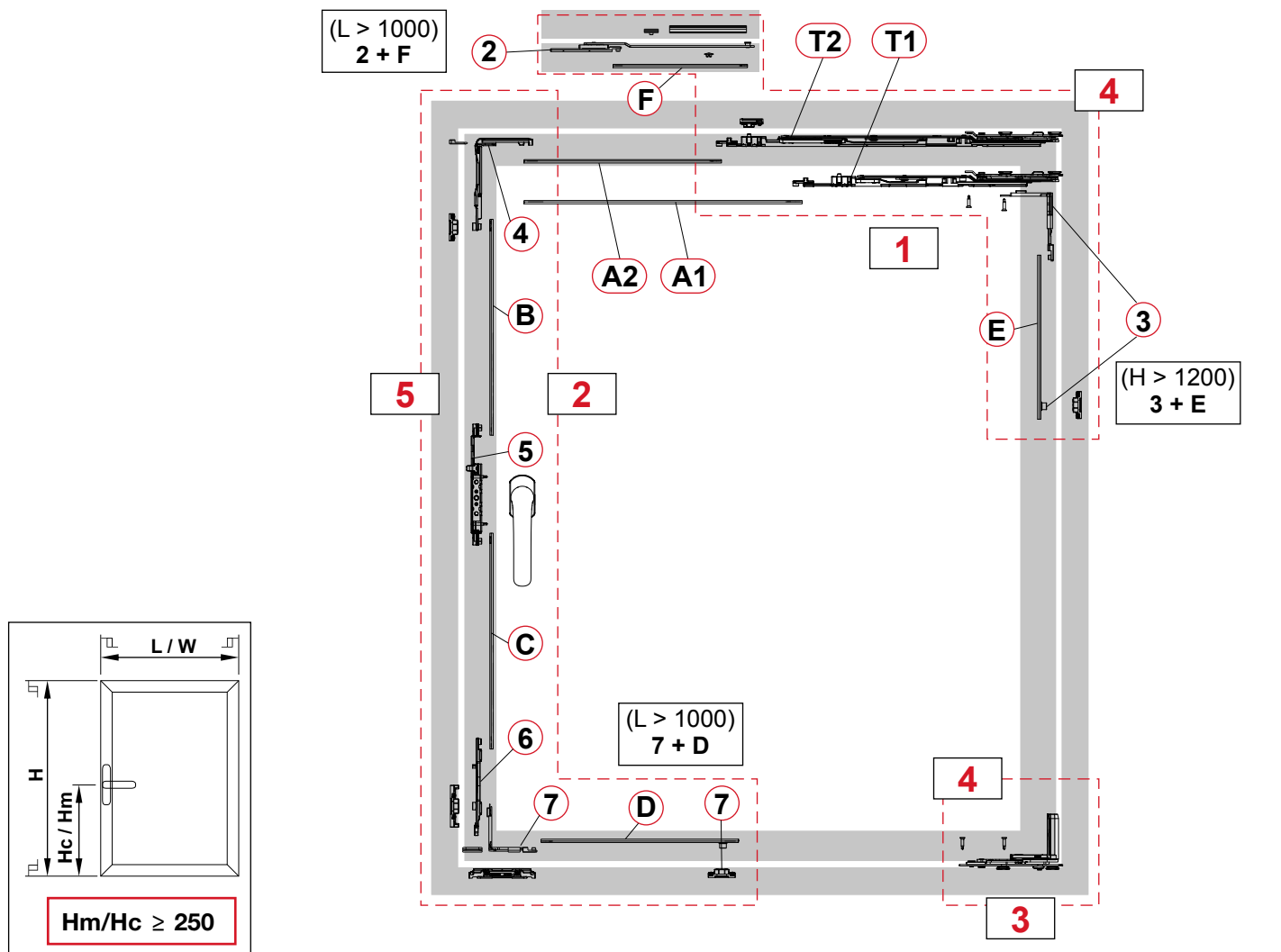
Maximum wing weight (aluminium and glass)

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	98	98
	1600	100	100	100	100	100	100	100	100	99	92	92
	1500	100	100	100	100	100	100	100	100	93	87	87
	1400	100	100	100	100	100	100	100	93	87	81	81
	1300	100	100	100	100	100	100	94	87	80	75	75
	1200	100	100	100	100	100	95	87	80	74	69	69
	1100	100	100	100	100	95	87	79	73	68		
	1000	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)										

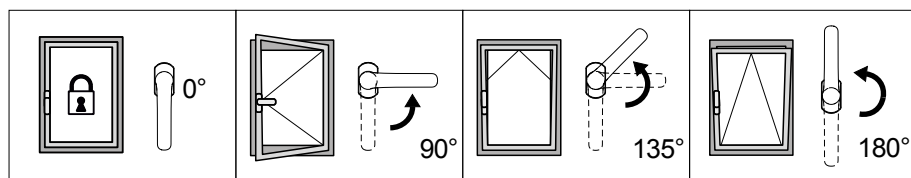
 **Non realizzabile**
Not possible

Le portate e il perfetto funzionamento dell'accessorio vengono garantiti solo se non vi sono impedimenti nella movimentazione dell'anta che forzino in modo anormale le cerniere (ad esempio spallature, 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)



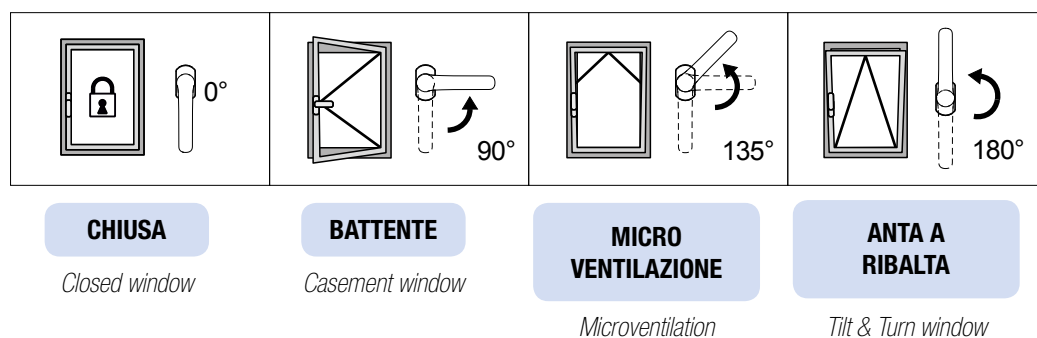
T2 Micro					
T1 Micro					
T1					
	445	470	600	700	1500
	L/W				



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

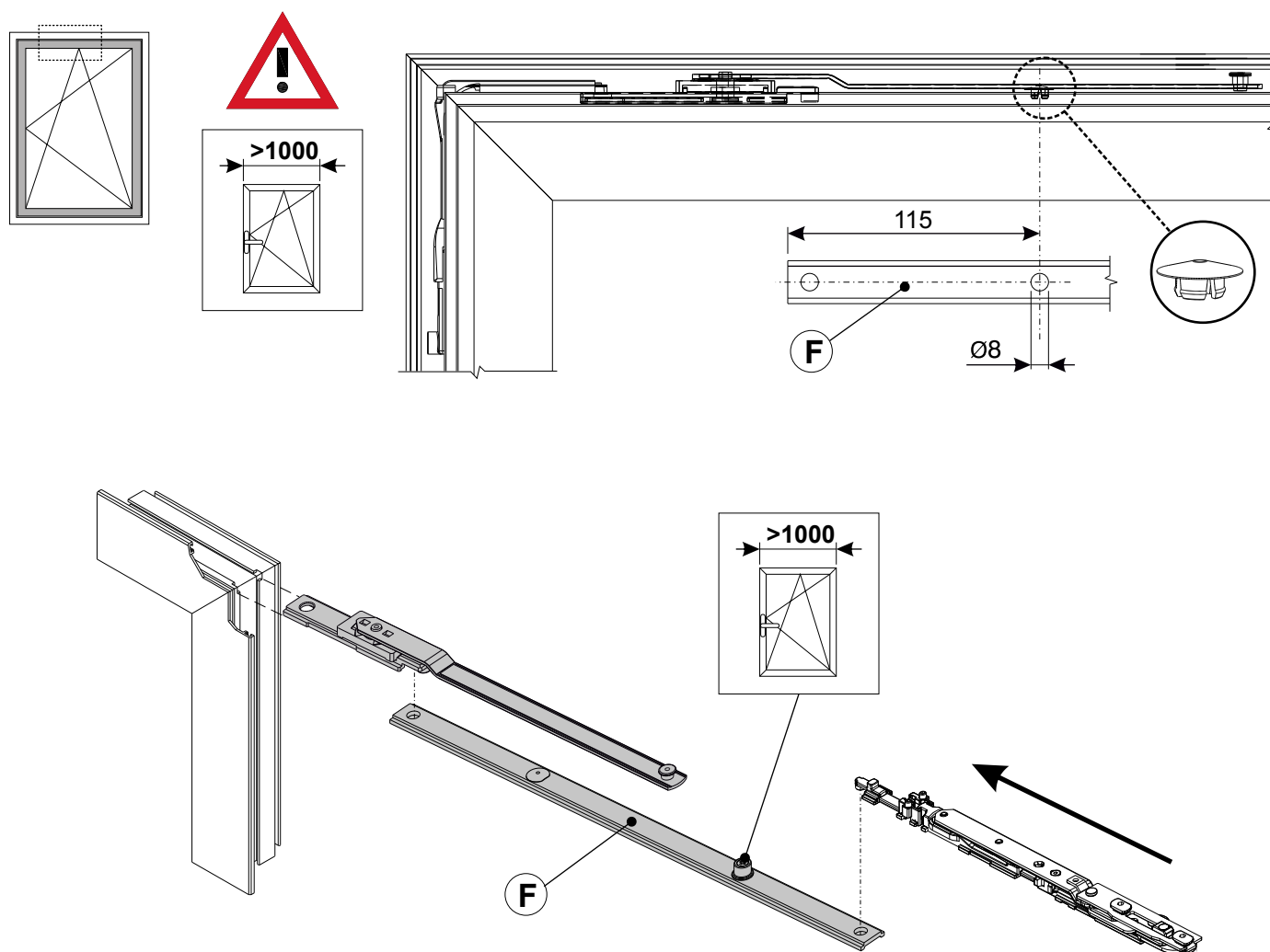
Sotto i 470mm non si può montare la microventilazione
It's not possible to use microventilation for < 470mm

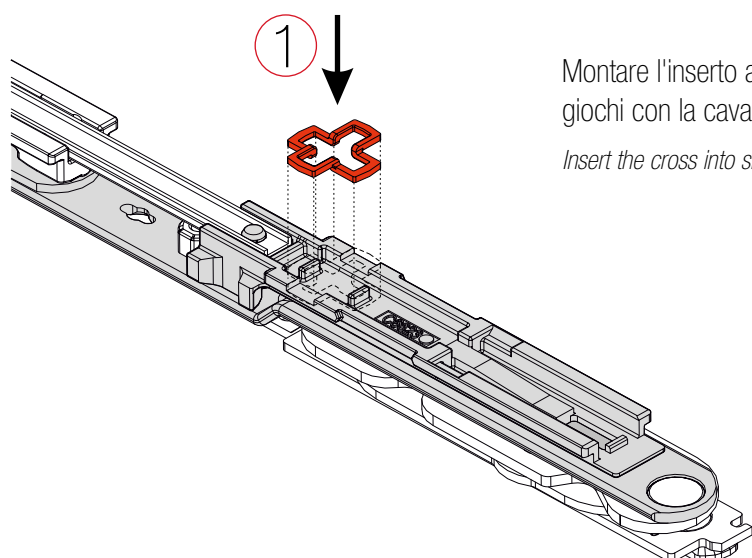
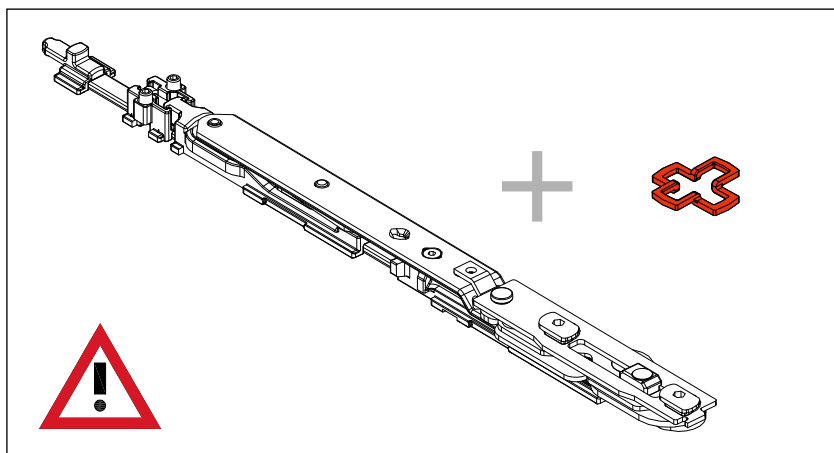
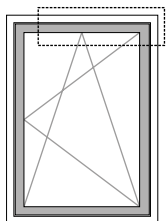
Oltre i 1000mm occorre il braccio supplementare
Usage additional arm for > 1000mm



Montaggio del braccio supplementare ACP 5153 per aperture superiori a 1000mm

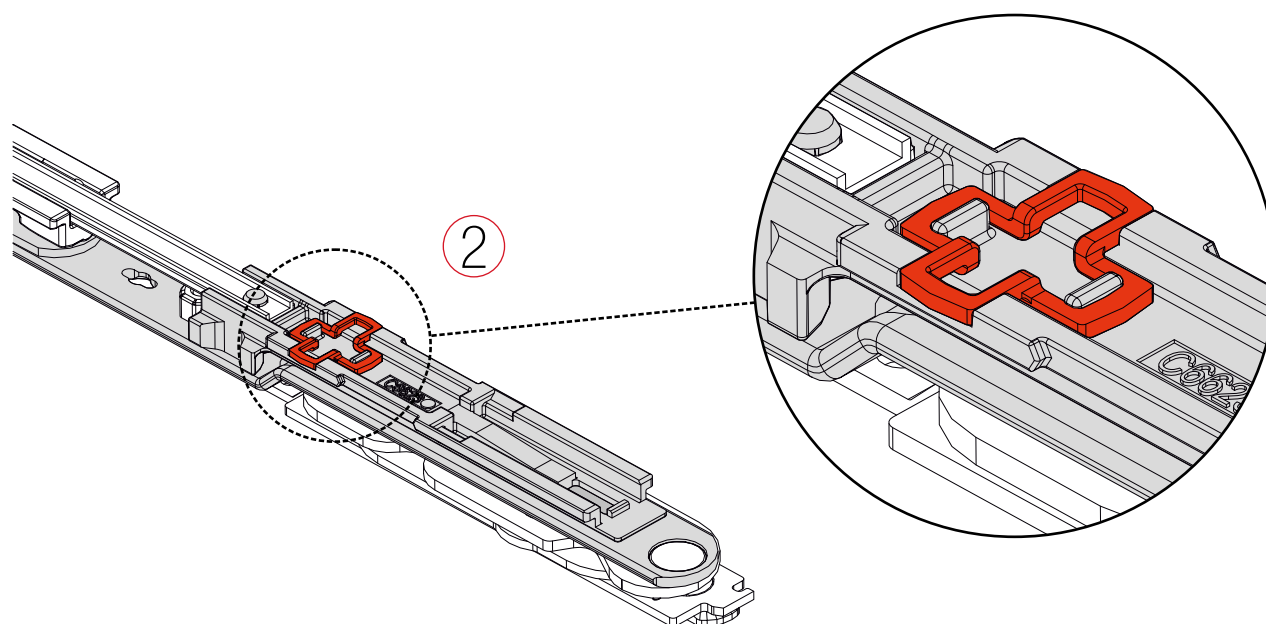
Usage additional arm ACP 5153 for >1000mm

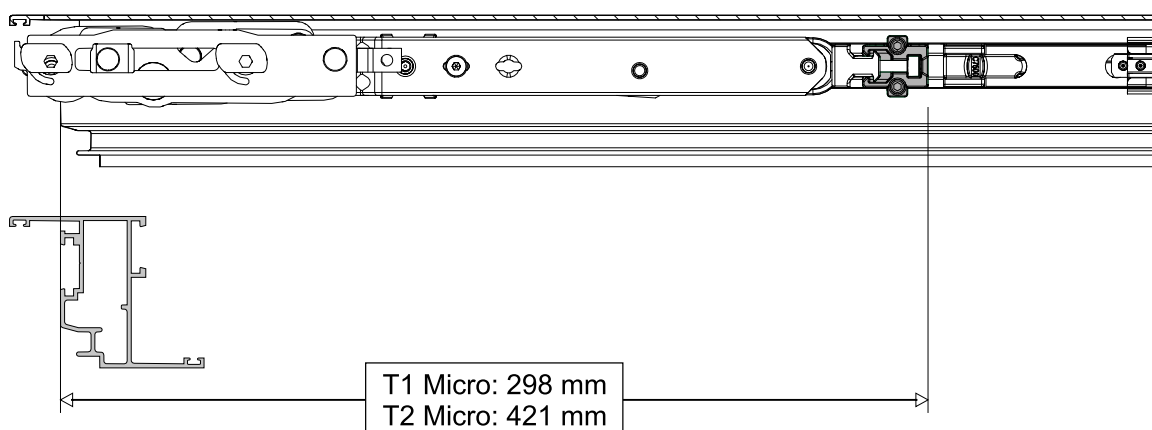
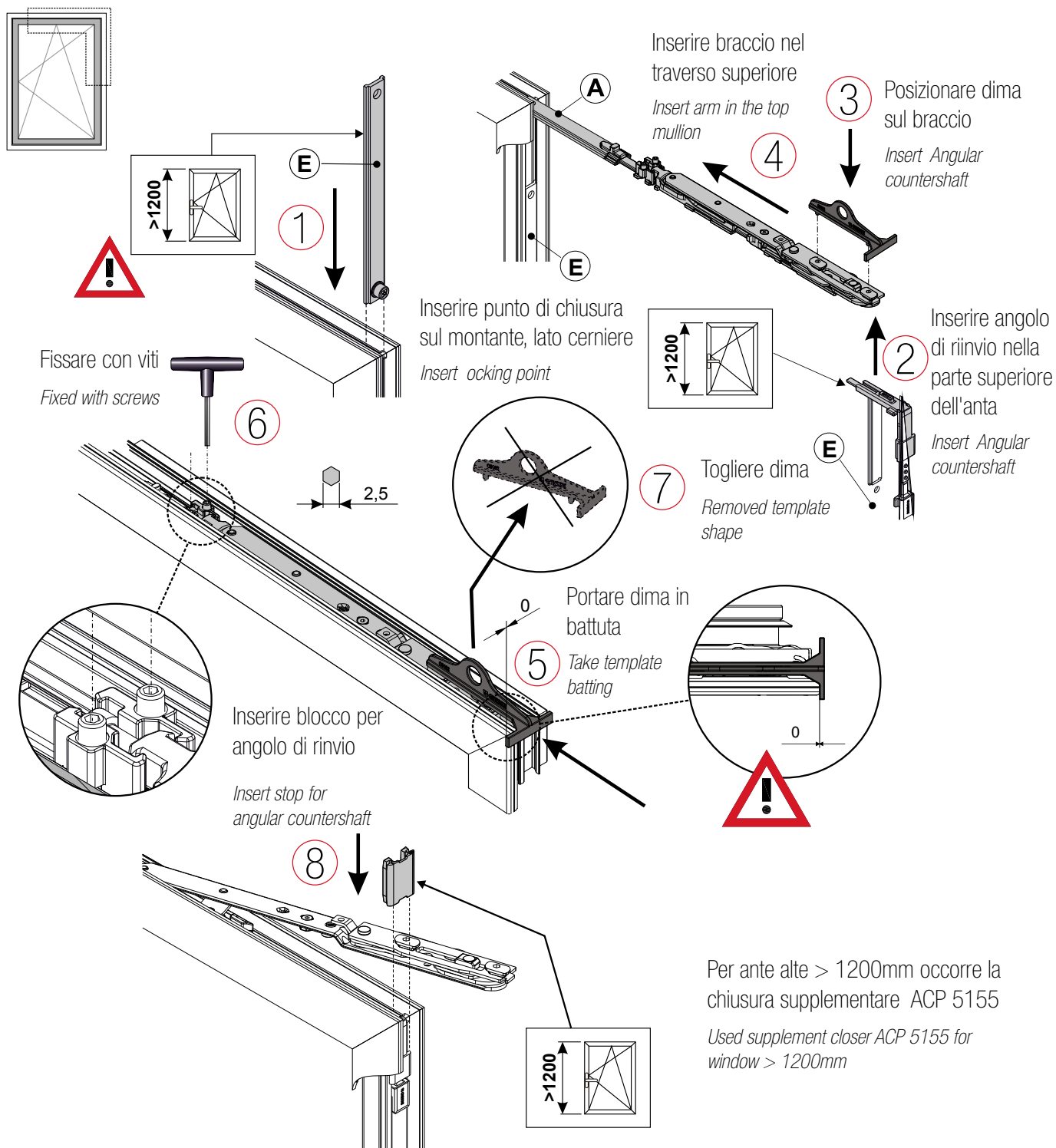




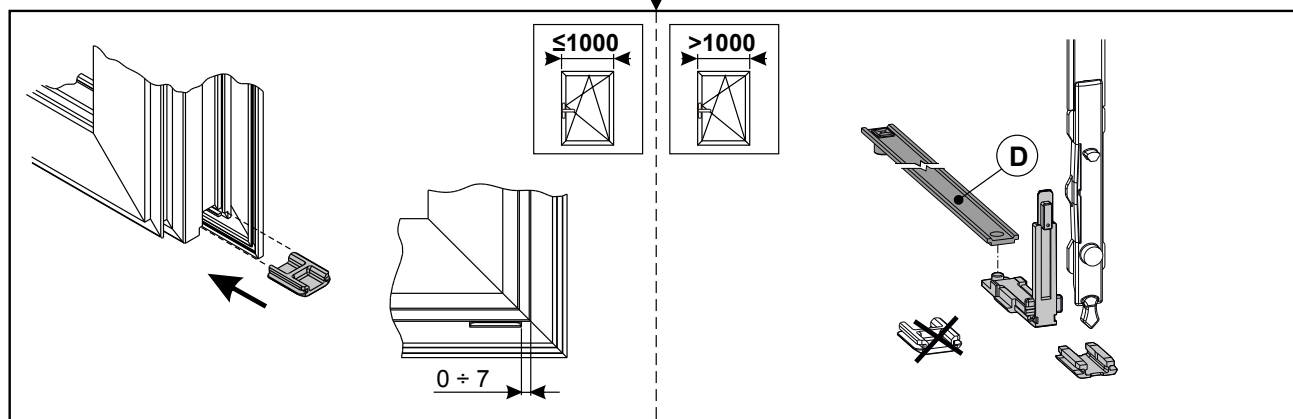
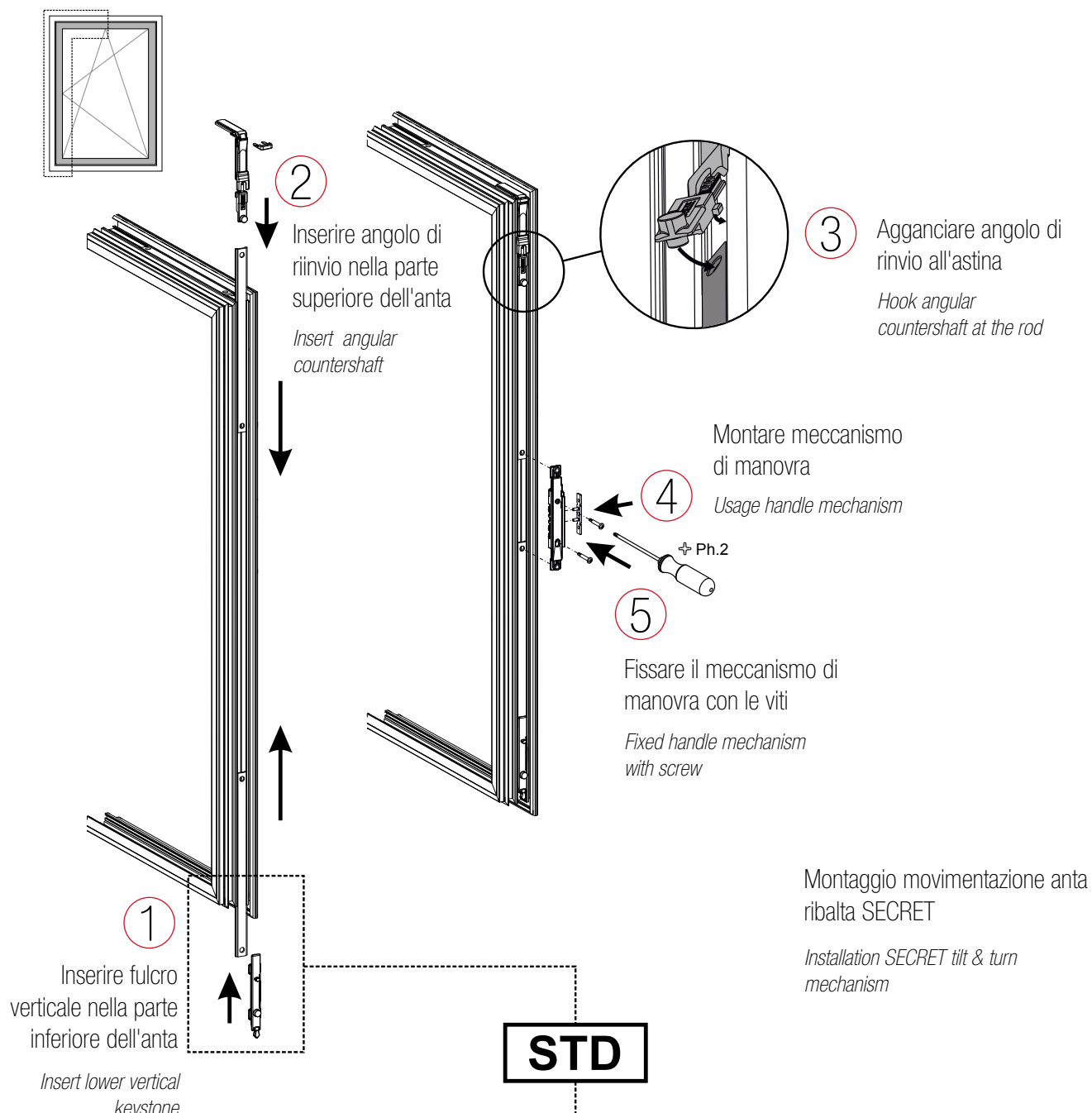
Montare l'inserto a croce prima di inserire il braccio per eliminare i giochi con la cava profilo

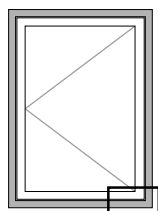
Insert the cross into slot profile





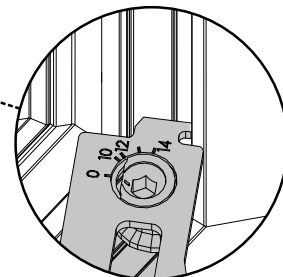
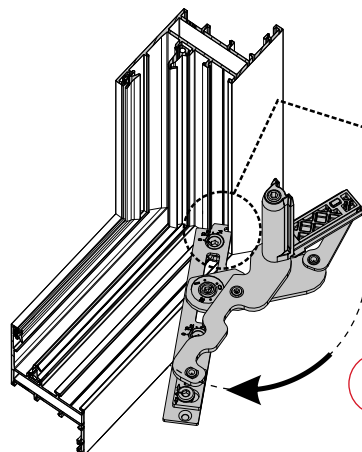
STD = Manovra standard



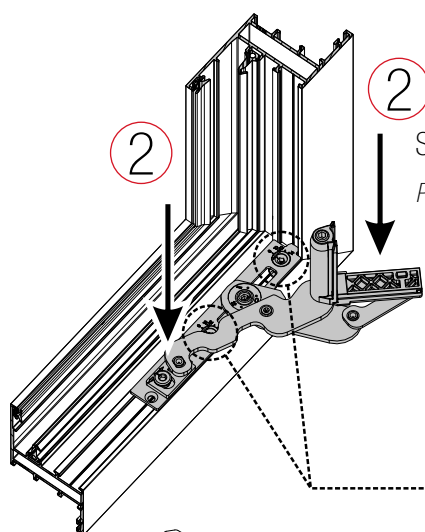


Montaggio cerniera SECRET

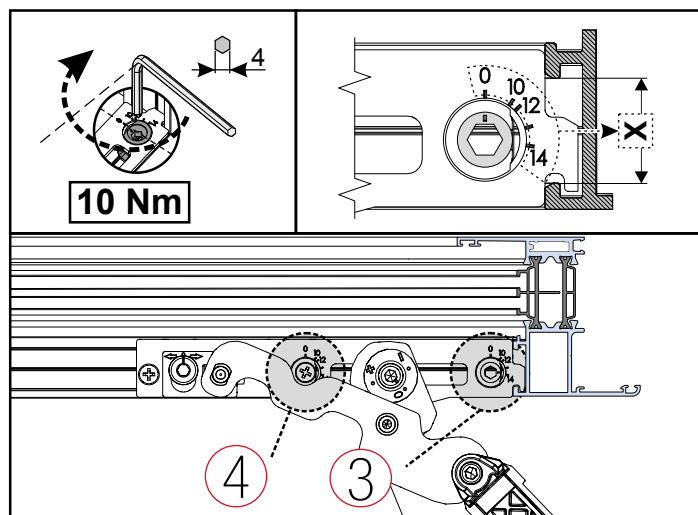
Installation SECRET hinge



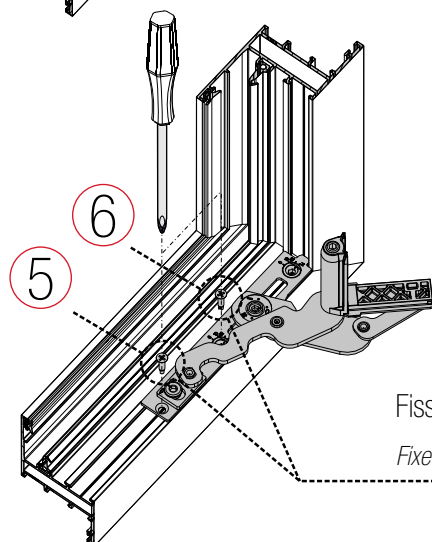
1 Agganciare al dente del montante e ruotare
Hook the hinge to the mullion



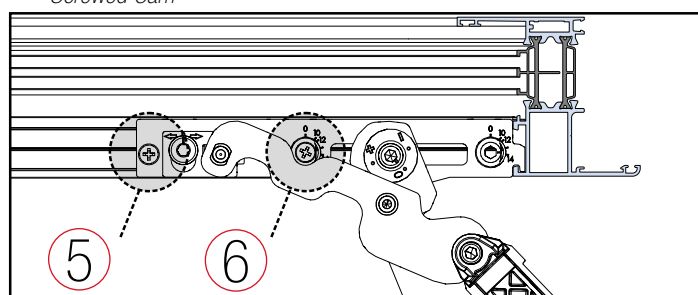
2 Spingere verso il basso
Push down



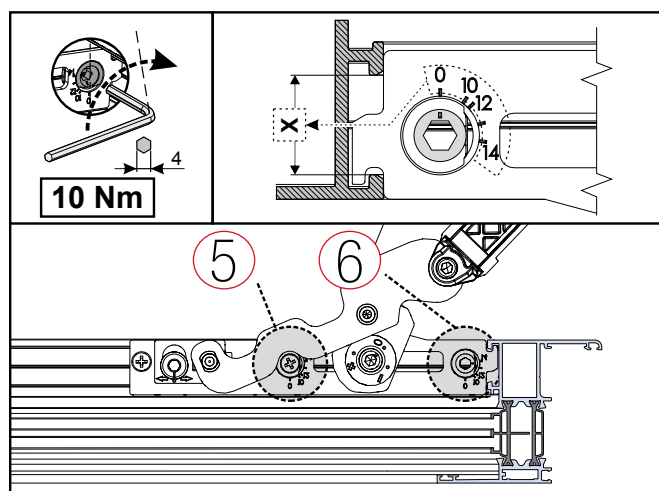
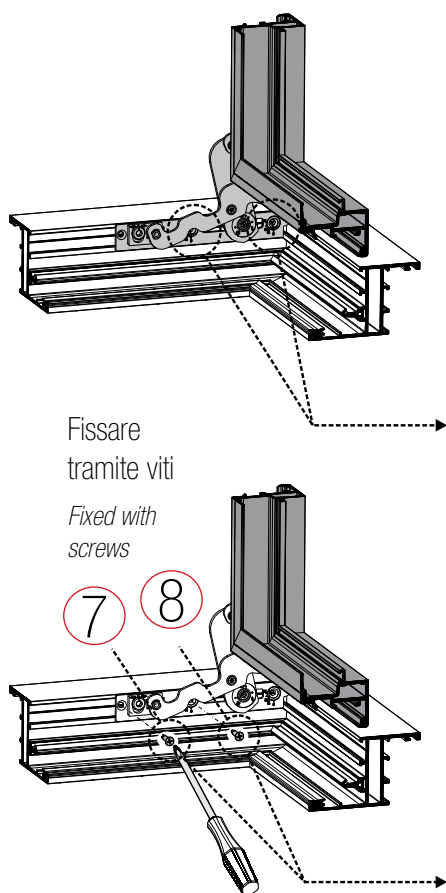
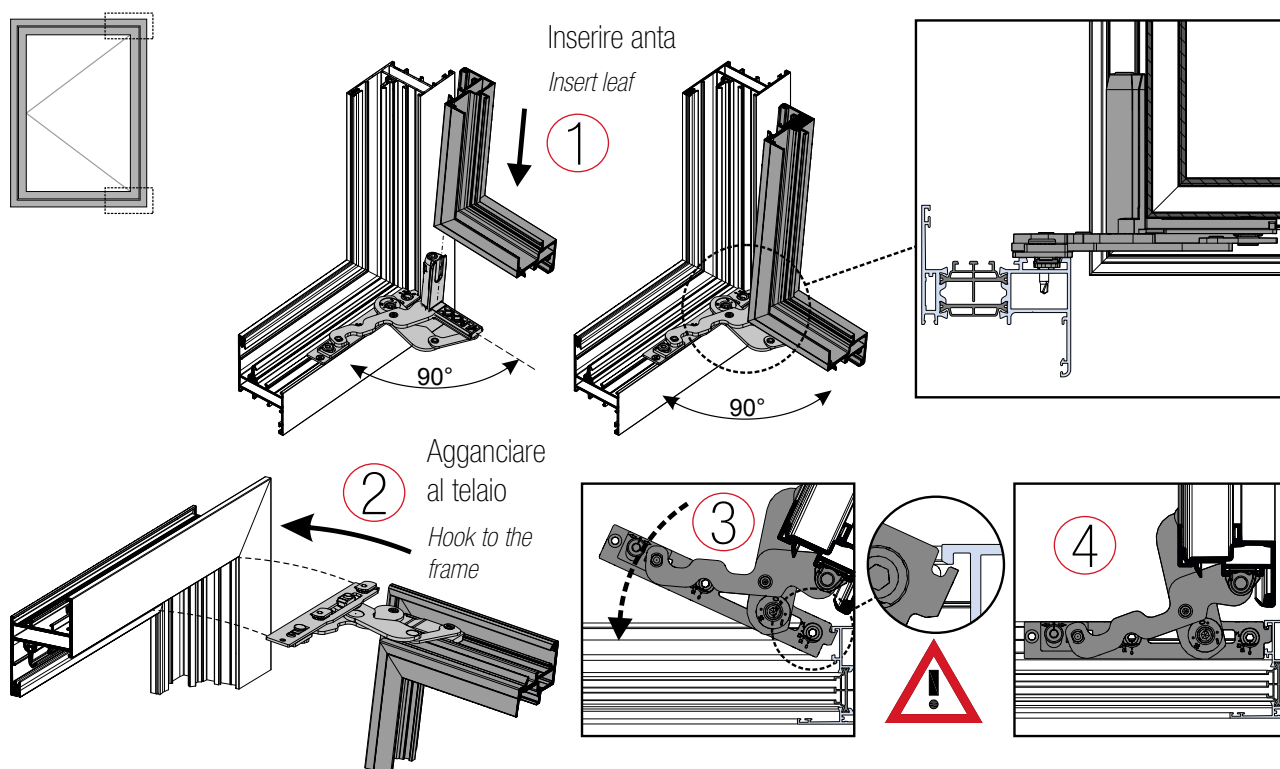
Girare Cam
Screwed Cam



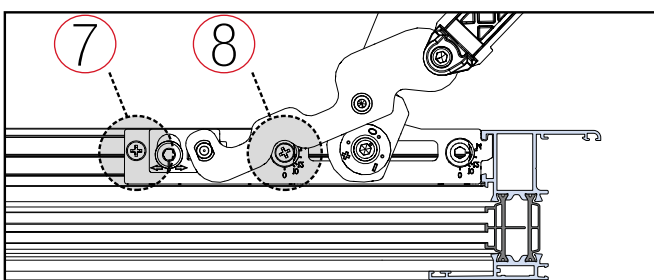
Fissare con viti
Fixed with screws



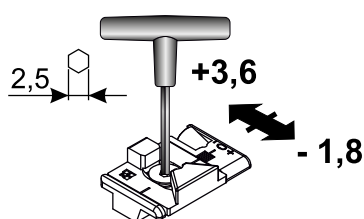
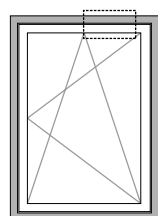
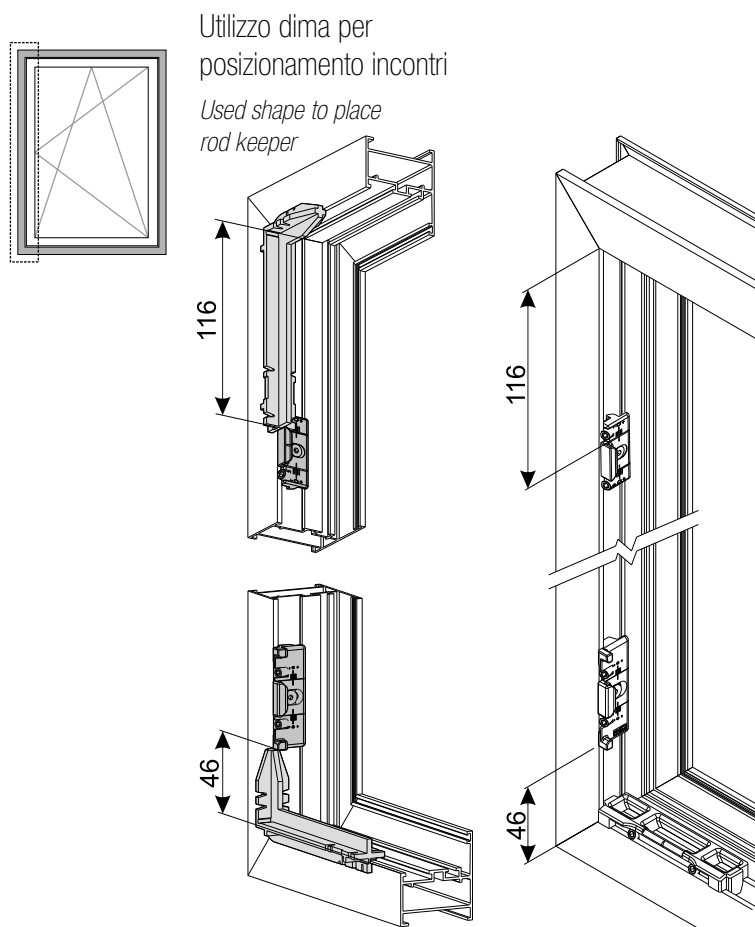
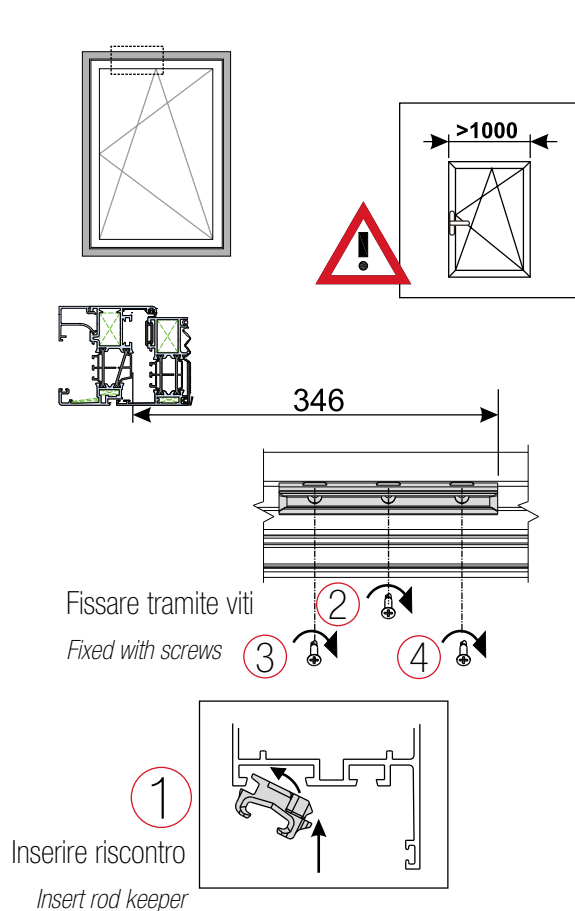
Stringere le viti
Tighten screws



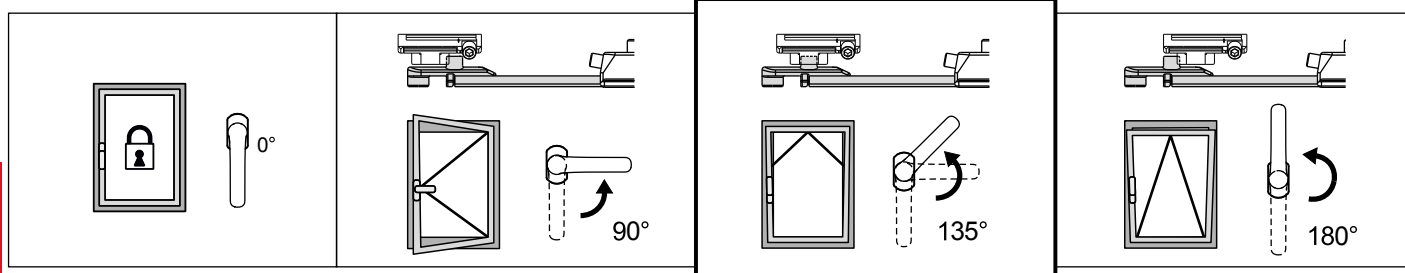
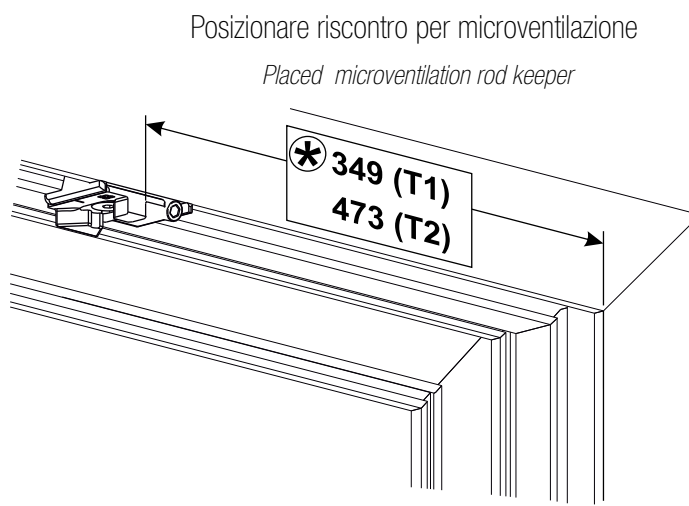
Girare Cam
Screwed Cam

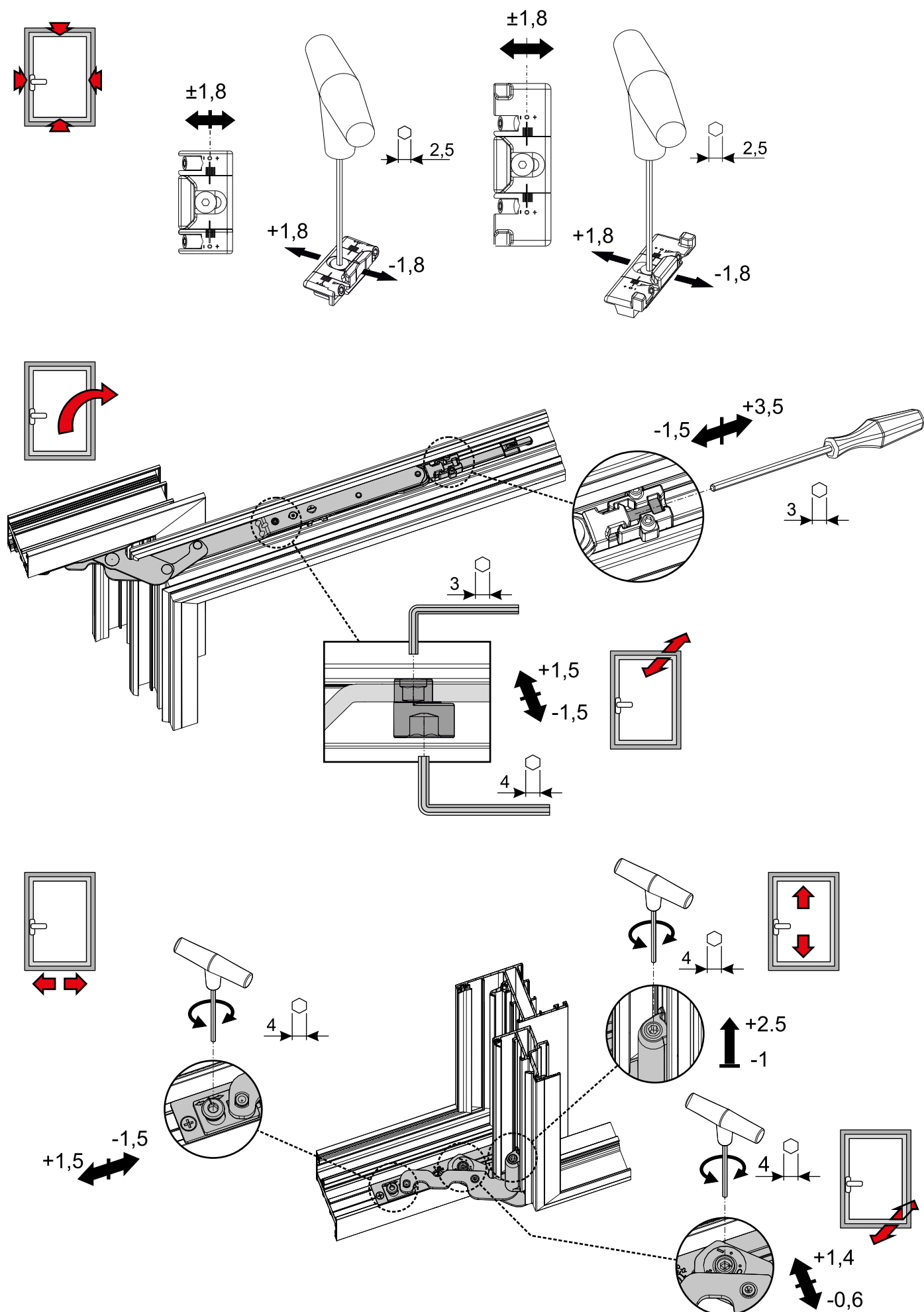


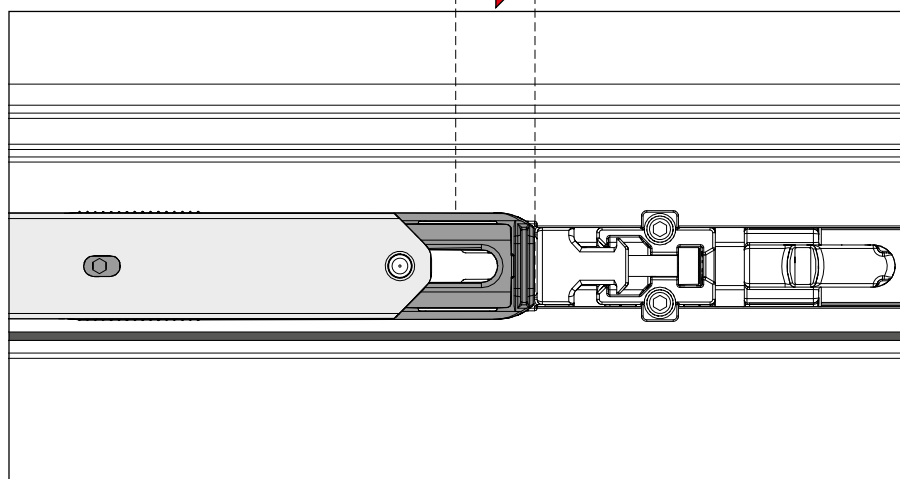
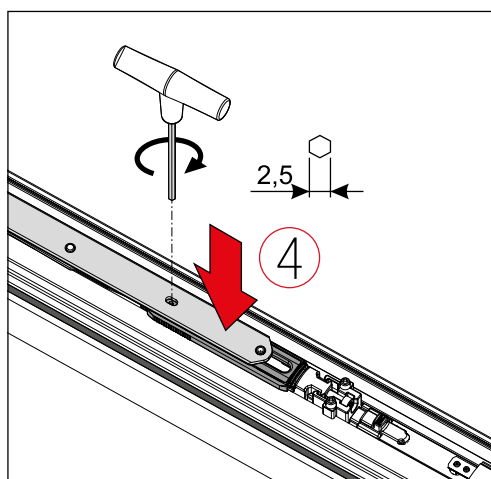
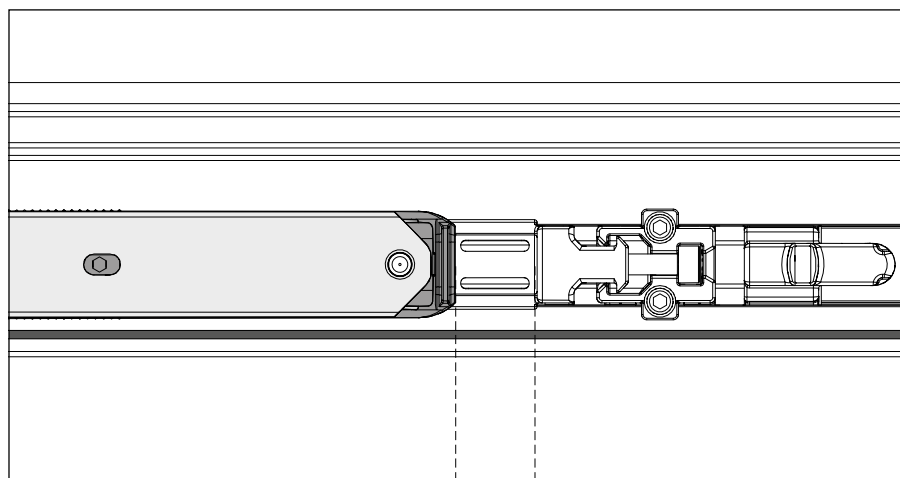
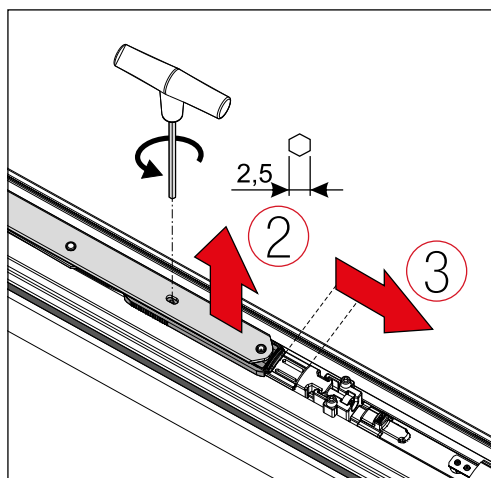
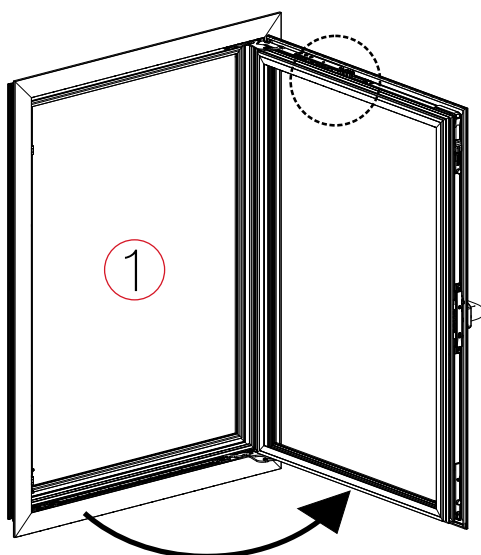
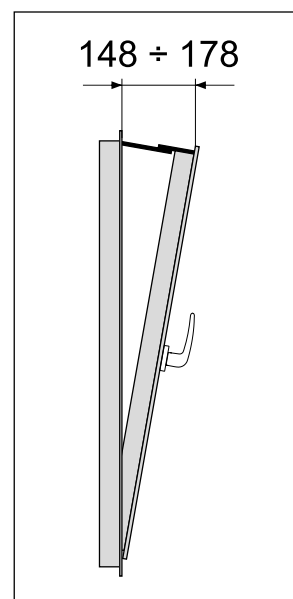
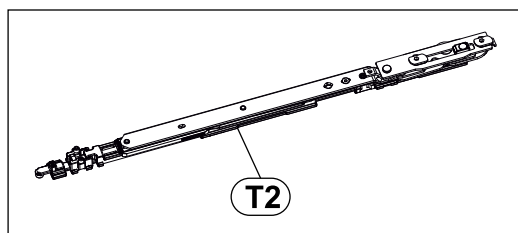
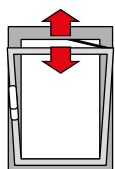
Stringere le viti
Tighten screws



Fissare microventilazione
Fixing microventilation rod keeper



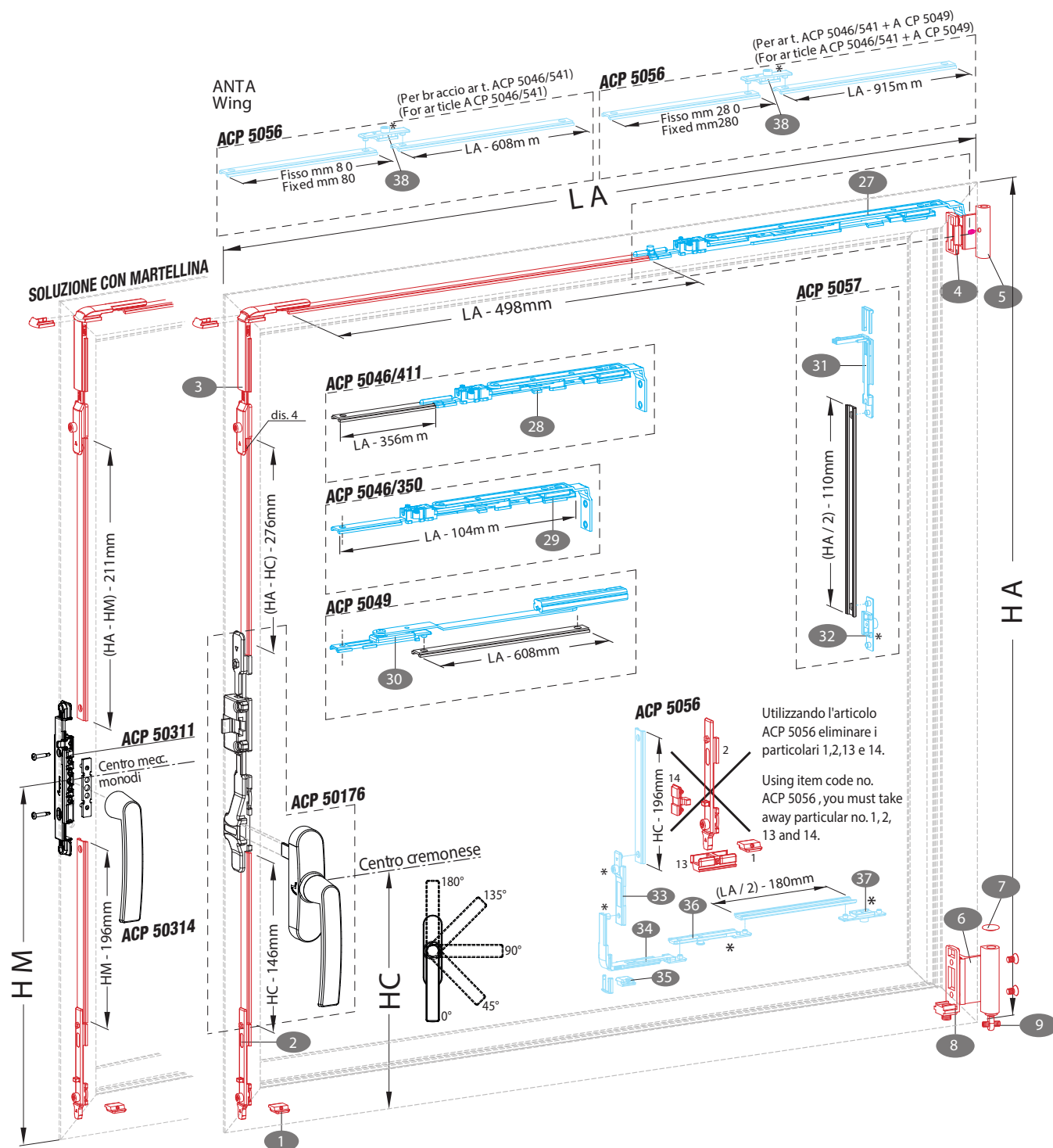


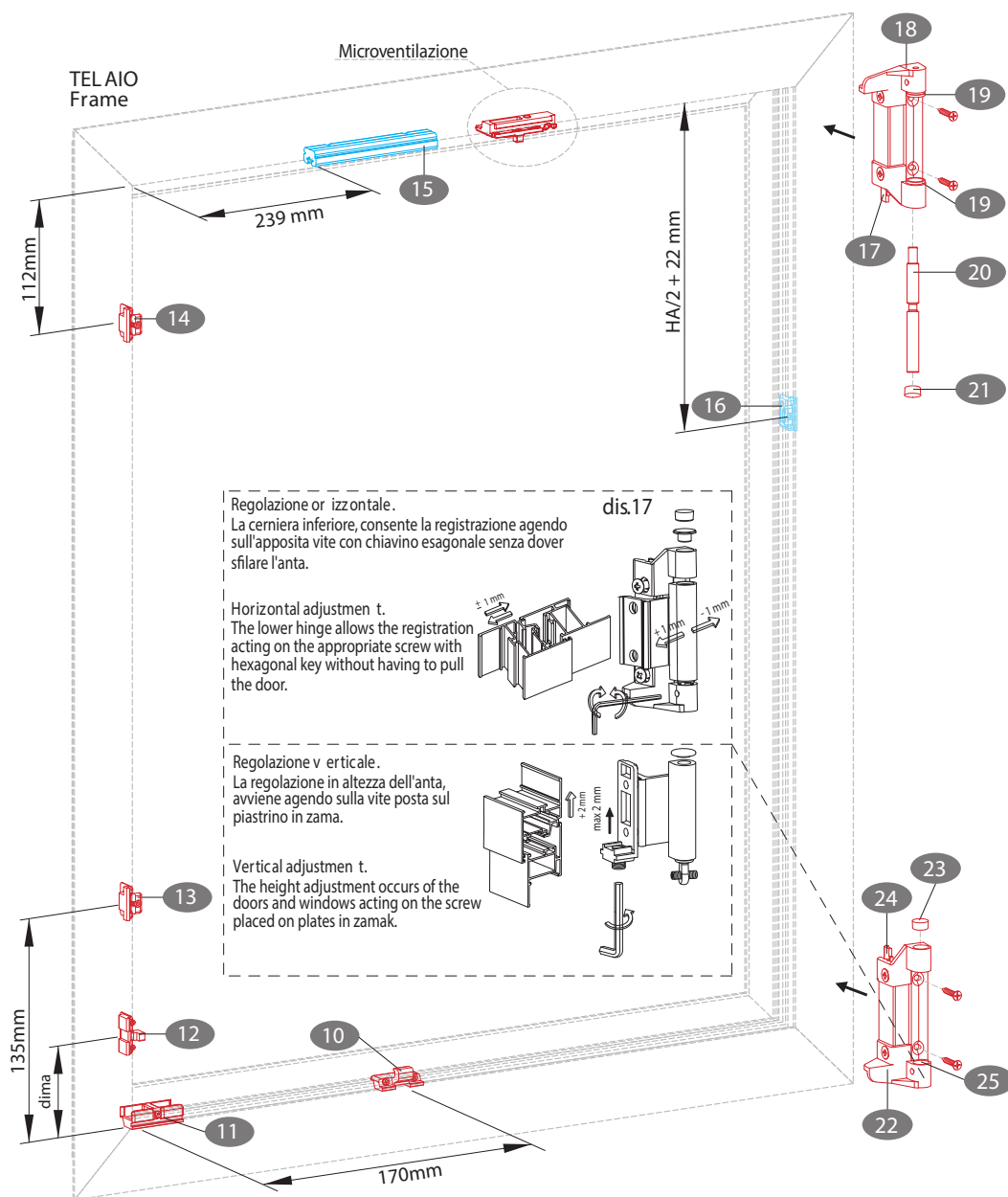


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Montaggio anta ribalta Standard Line

Standard Line tilt and turn mechanism assembly

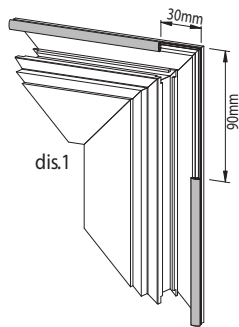




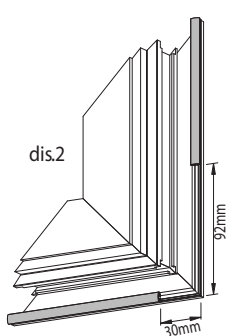
ACCESSORIO	X
ACP 5046/541	437mm
ACP 5046/411	294mm

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

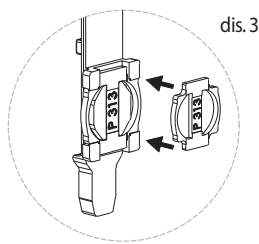
Taglio guarnizione cerniera superiore
Upper hinge seal cutting



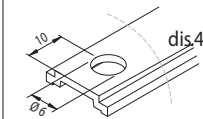
Taglio guarnizione cerniera inferiore
Lower hinge seal cutting



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

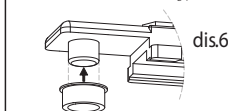


Per interasse foro astine inferiore a mm 11, aumentare le quote delle formule taglio astine pari alla differenza moltiplicato per due.
For centre distances with rod hole inferior to 11 mm increase the dimensions of the formulas for cut rods equal to the difference multiplied by two.

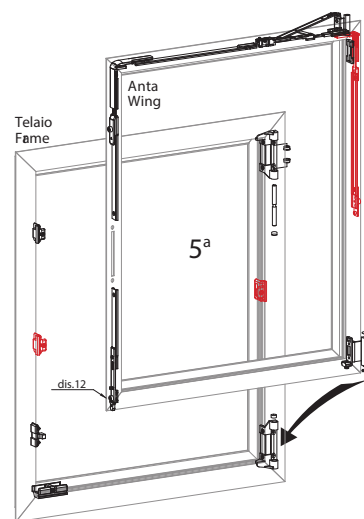
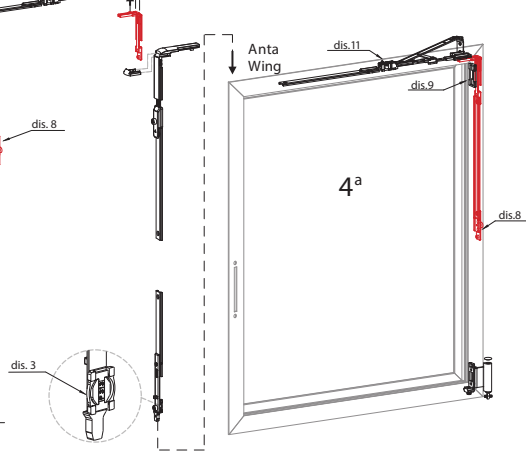
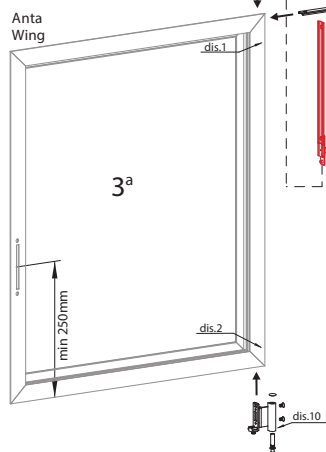
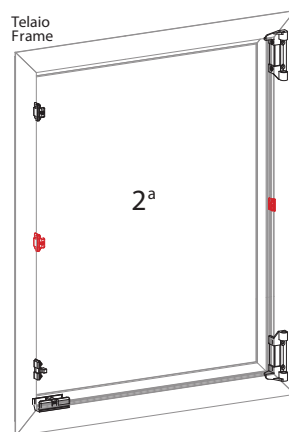
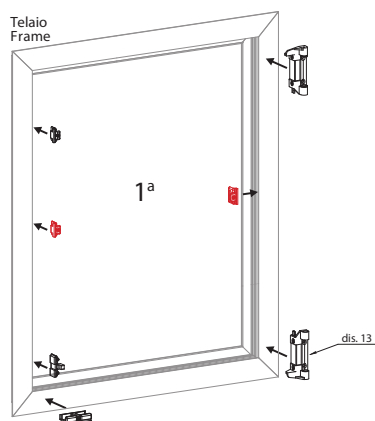
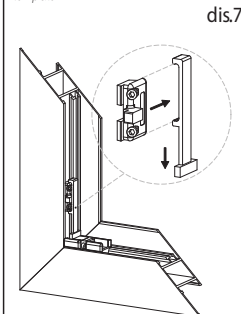
Gli agganci astina sono predisposti per fori da mm 6.
The rod couplings are pre-arranged for 6 mm holes.



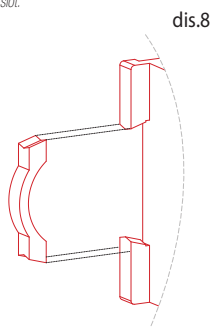
Per fori da mm 8 inserire la boccolla in dotazione
For 8 mm holes insert the bushing provided



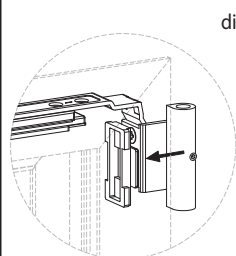
Posizionamento riscontro inferiore con dima nylon.
Positioning of flower striker with nylon template.



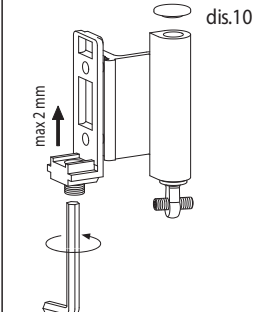
Inserire le molle di frizione sulle apposite asole.
To connect the adjusting spring on the slot.



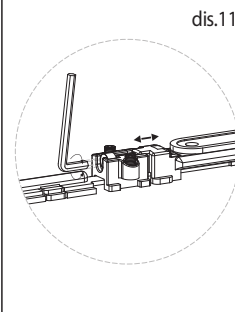
Bloccetto posizionamento braccio.
Arm positioning block.



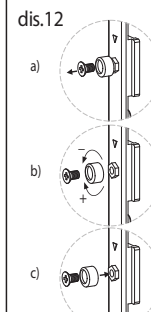
Regolazione cerniera inferiore.
Lower hinge adjustment.



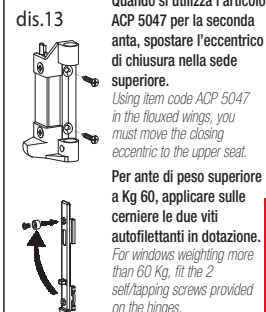
Regolazione braccio.
Arm adjustment.



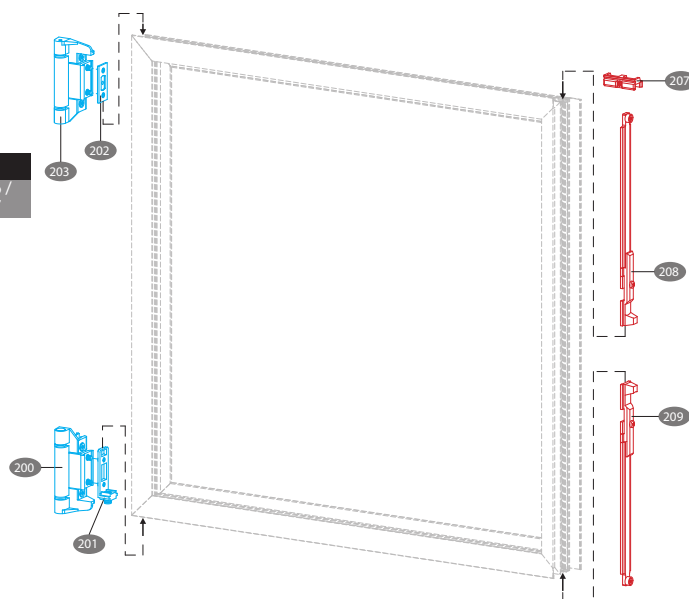
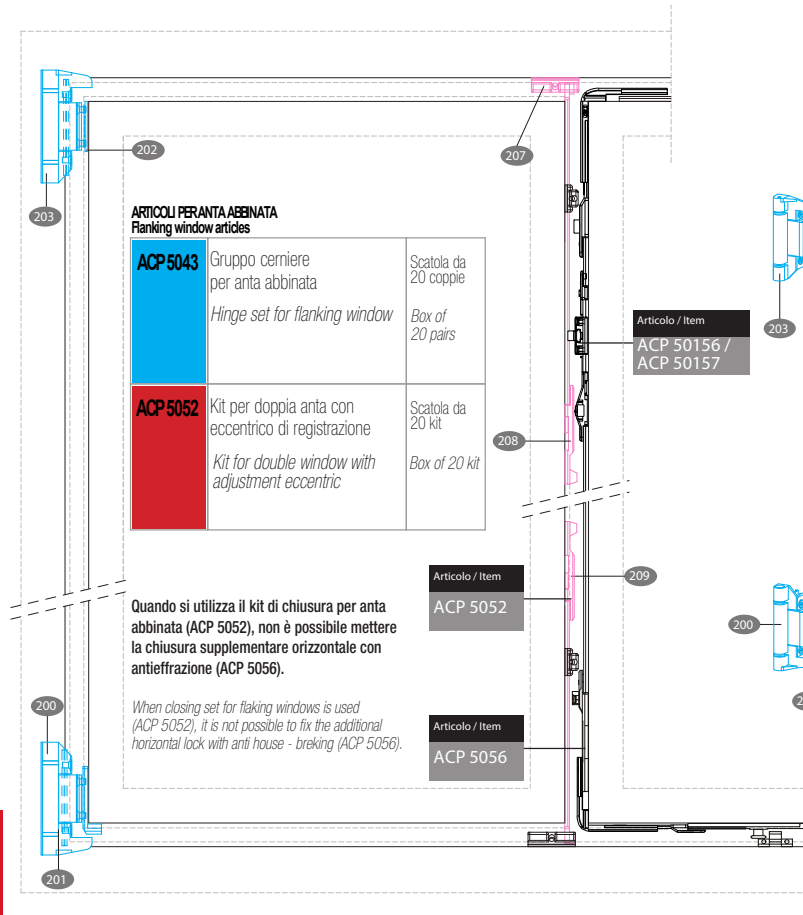
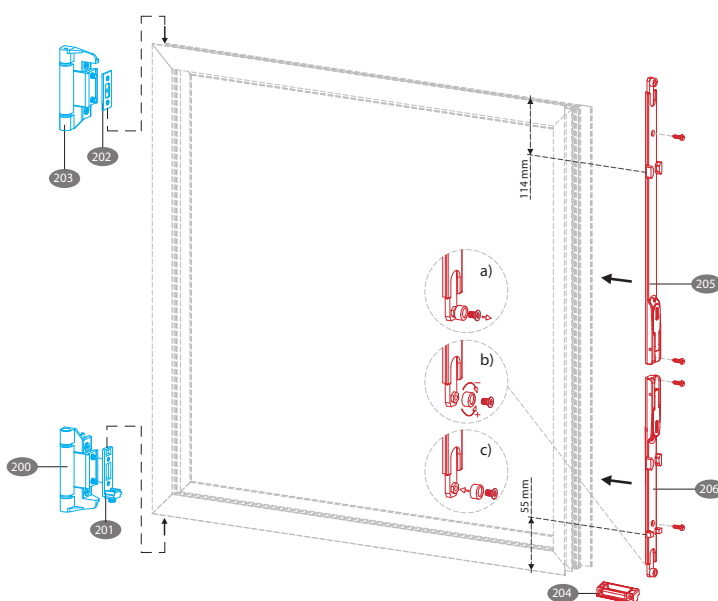
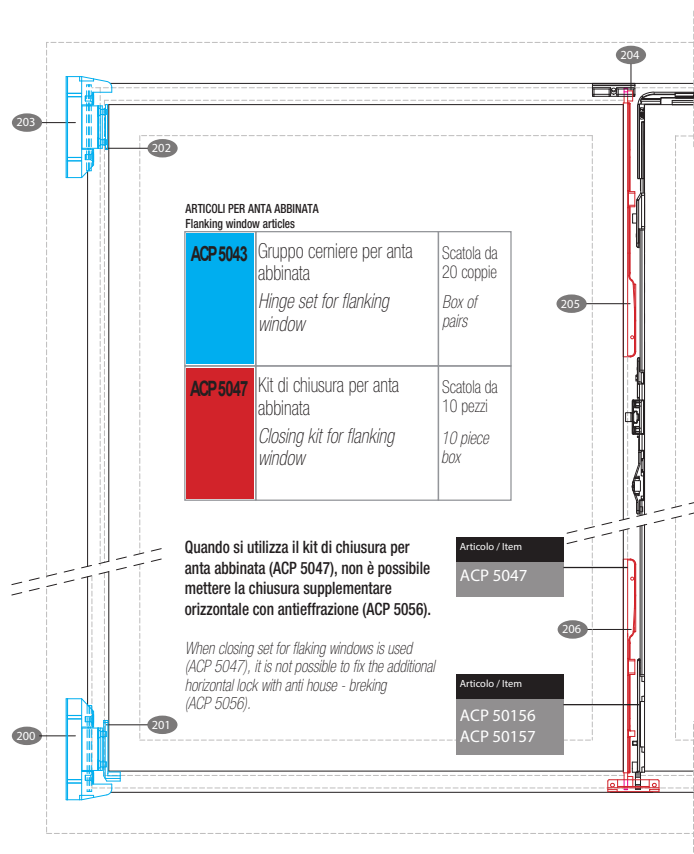
Regolazione eccentrico.
Eccentric adjustment.



Regolazione eccentrico.
Eccentric adjustment.



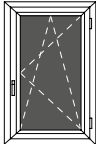
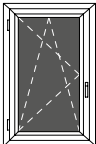
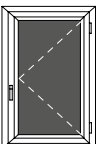
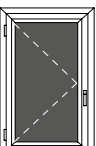
Quando si utilizza l'articolo ACP 5047 per la seconda anta, spostare l'eccentrico di chiusura nella sede superiore.
Using item code ACP 5047 in the flow wings, you must move the closing eccentric to the upper seat.
Per ante di peso superiore a Kg 60, applicare sulle cerniere le due viti autofilettanti in dotazione.
For windows weighting more than 60 Kg, fit the 2 self-tapping screws provided on the hinges.

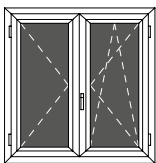
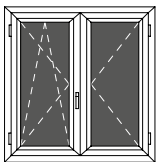


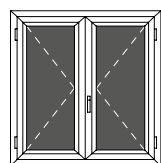
58

Composizione dei kit per applicazione della ferramenta SECRET e Standard Line

SECRET and Standard Line kit

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 5046	1	Braccio ribalta <i>tilt window arm</i>
	ACP 50314	1	EXENS linea Aurora <i>exens Aurora</i>	ACP 50311	1	Kit manovra monodirezionale <i>exens monodirectional mechanism</i>
	ACP 5160	1	Kit Manovra <i>handle set</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 5046	1	Braccio ribalta <i>tilt & turn window arm</i>
	ACP 50314	1	EXENS linea Aurora <i>exens Aurora</i>	ACP 50311	1	Kit manovra monodirezionale <i>exens monodirectional mechanism</i>
	ACP 5160	1	Kit Manovra <i>handle set</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 5025	2	Terminale asta <i>rod terminal</i>
	ACP 5159	2	Puntale in zama <i>rod and zamak made</i>	ACP 5026	1	Piastrina sostegno <i>Plastic support for leaf</i>
	ACP 5158	2	Incontro sup. anta passiva <i>single keeper zamak</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>
				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 5025	2	Terminale asta <i>rod terminal</i>
	ACP 5159	2	Puntale in zama <i>rod and zamak made</i>	ACP 5026	1	Piastrina sostegno <i>Plastic support for leaf</i>
	ACP 5158	2	Incontro sup. anta passiva <i>single keeper zamak</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 503154	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 set</i>	ACP 5021	1	Kit 3a chiusura registrabile <i>Adjustable locking piece set</i>
	ACP 5158	1	Incontro sup. anta passiva <i>exens Aurora</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 503154	1	EXENS linea Aurora <i>bidirectional bolt set</i>	ACP 5026	1	Piastrina sostegno <i>Plastic support for leaf</i>
	ACP 5157	1	Kit catenacci bidirezionali <i>bidirectional bolt set</i>	ACP 50156	1	Kit per telai piani <i>tilt & turn set</i>
				ACP 50311	1	Kit manovra monodirezione <i>exens monodirectional mechanism</i>
	ACP 5150/S	1	Kit cerniera a scomparsa <i>concealed hinge 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 antitibalta <i>handle set</i>	ACP 5021	1	Kit 3a chiusura registrabile <i>Adjustable locking piece set</i>
	ACP 5161/D	1	Kit anta passiva cerniera <i>bidirectional bolt set</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 503154	1	EXENS linea Aurora <i>exens Aurora</i>	ACP 50312	1	Monvimentazione EXENS <i>exens mechanism</i>
	ACP 5157	1	Kit catenacci bidirezionali <i>bidirectional bolt set</i>		1	EXENS linea Aurora <i>exens Aurora</i>
	ACP 5159	2	Puntale in zama <i>rod and zamak made</i>	ACP 50314	1	Terminale asta <i>rod terminal</i>
	ACP 5152	2	Incontro doppio in zama <i>double keeper zamak</i>	ACP 5024	2	Incontro asta doppio in zama <i>keeper double rod in zamak</i>
	ACP 5161/D	1	Kit cerniera a scomparsa <i>concealed hinge set</i>		1	Piastrina sostegno <i>Plastic support for leaf</i>
	ACP 5161/S	1	Kit cerniera a scomparsa <i>concealed hinge set</i>	ACP 5026	1	Kit catenaccioli con eccentrico di registrazione per anta semifissa <i>metal bolt set</i>
				ACP 5052	1	Kit 3a chiusura registrabile <i>Adjustable locking piece set</i>
				ACP 5021	1	
					1	

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Serratura di sicurezza per montante basculante

Security lock for jamb

Contropiastina Regolabile in Metallo		CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale
A-B-C	D	con borchie	senza borchie	
06463-22	06463-22 (17)	0E300-20 L=88 (28.5-54.5)	0E300-33 L=84 (28.5-54.5)	22x3
(17) = inserto rullo art. 06141-71				

CILINDRO SPILLO 02400110

E= 35 mm

17

11

Art. 16205

Art. 16215
Art. 16225
Art. 02400110

Art. 46215
Art. 46225
Art. 02400110

Art. 46230
Art. 46250
Art. 02400110

Art. 46210
Art. 46220
Art. 02400110

Art. 06443-00/05-0

Contropiastina Regolabile in Metallo		CILINDRO SAGOMATO (Nichelato Fin.12)		F
A-B-C	D	con borchie	senza borchie	rontale
06463-22	06463-22 (17)	0E300-20 L=88 (28.5-54.5)	0E300-33 L=84 (28.5-54.5)	22x3
(17) = inserto rullo art. 06141-71				

CILINDRO SPILLO 02400110

E= 35 mm

52

18

1

Art. 16205

Art. 16215
Art. 16225
Art. 02400110

Art. 46215
Art. 46225
Art. 02400110

Art. 46230
Art. 46250
Art. 02400110

Art. 46210
Art. 46220
Art. 02400110

Art. 06443-00/05-0

60

Serratura di sicurezza per montante basculante

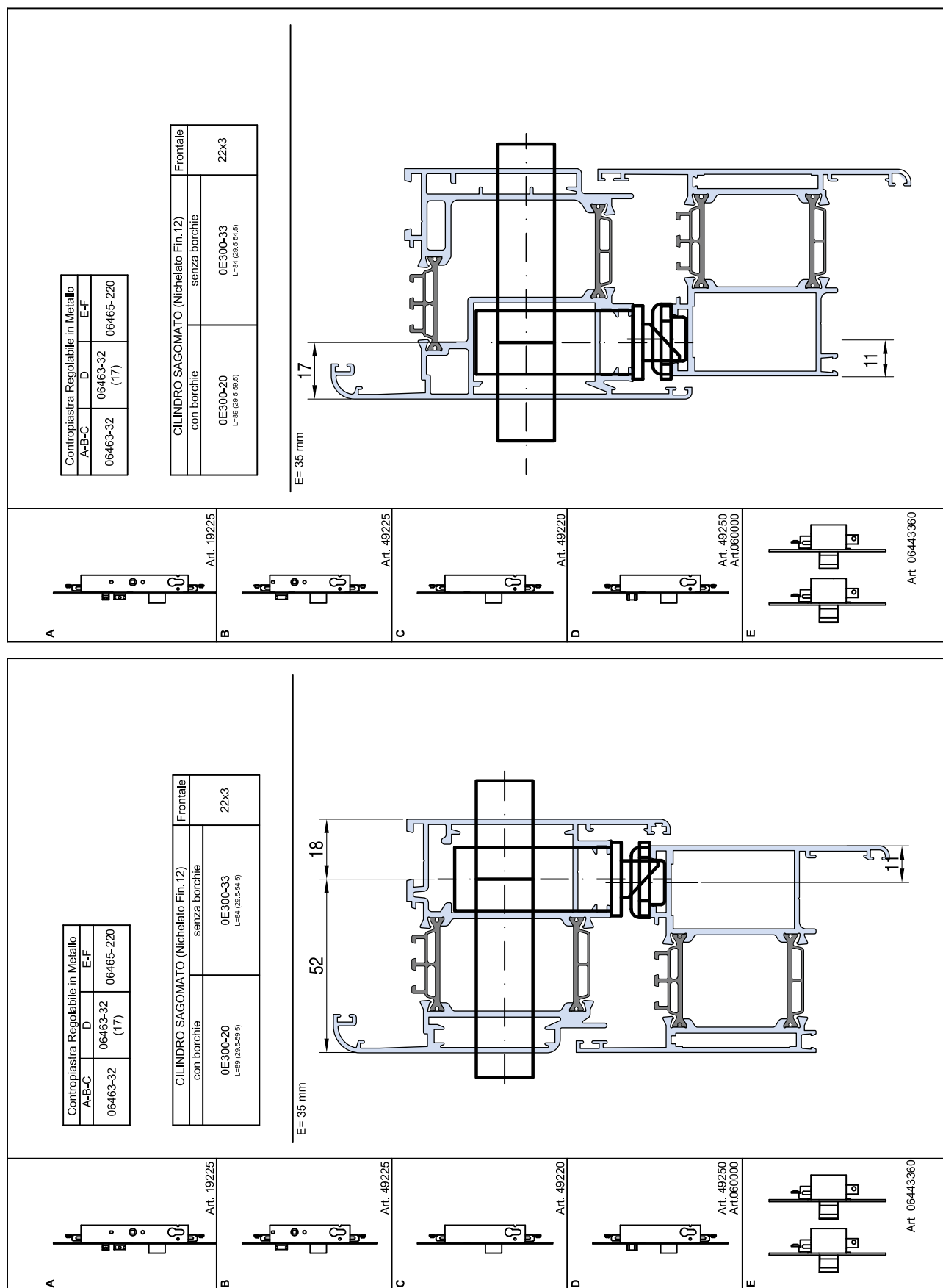
Security lock for jamb

<table border="1"> <tr> <th colspan="2">Contropiastra Regolabile in Metallo</th> </tr> <tr> <th>A-B-C</th> <th>D E-F</th> </tr> <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> </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"> <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> <tr> <td>OE300-20</td> <td>OE300-33</td> <td>22x3</td> </tr> <tr> <td>L=80 (20,5-50,5)</td> <td>L=94 (20,5-54,5)</td> <td></td> </tr> </table>	CILINDRO SAGOMATO (Nichelato Fin. 12)		Frontale	con borchie	senza borchie		OE300-20	OE300-33	22x3	L=80 (20,5-50,5)	L=94 (20,5-54,5)		CILINDRO SPILLO 02400110 52 35 mm 51
Contropiastra Regolabile in Metallo																								
A-B-C	D E-F																							
06463-22	06465-22																							
(17)	(17)																							
(17) = inserto rullo art. 06141-71																								
CILINDRO SAGOMATO (Nichelato Fin. 12)		Frontale																						
con borchie	senza borchie																							
OE300-20	OE300-33	22x3																						
L=80 (20,5-50,5)	L=94 (20,5-54,5)																							
A Art. 16205	B Art. 16215 Art. 16225 Art. 02400110	C Art. 46215 Art. 46225 Art. 02400110	D Art. 46230 Art. 46250 Art. 02400110	E Art. 46210 Art. 46220 Art. 02400110	F Art. 06443-00/05-0																			

<table border="1"> <tr> <th colspan="2">Contropiastra Regolabile in Metallo</th> </tr> <tr> <th>A-B-C</th> <th>D E-F</th> </tr> <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> </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"> <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> <tr> <td>OE300-20</td> <td>OE300-33</td> <td>22x3</td> </tr> <tr> <td>L=80 (20,5-50,5)</td> <td>L=94 (20,5-54,5)</td> <td></td> </tr> </table>	CILINDRO SAGOMATO (Nichelato Fin. 12)		Frontale	con borchie	senza borchie		OE300-20	OE300-33	22x3	L=80 (20,5-50,5)	L=94 (20,5-54,5)		CILINDRO SPILLO 02400110 18 35 mm 19
Contropiastra Regolabile in Metallo																								
A-B-C	D E-F																							
06463-22	06465-22																							
(17)	(17)																							
(17) = inserto rullo art. 06141-71																								
CILINDRO SAGOMATO (Nichelato Fin. 12)		Frontale																						
con borchie	senza borchie																							
OE300-20	OE300-33	22x3																						
L=80 (20,5-50,5)	L=94 (20,5-54,5)																							
A Art. 16205	B Art. 16215 Art. 16225 Art. 02400110	C Art. 46215 Art. 46225 Art. 02400110	D Art. 46230 Art. 46250 Art. 02400110	E Art. 46210 Art. 46220 Art. 02400110	F Art. 06443-00/05-0																			

Serratura di sicurezza per montante avanzante

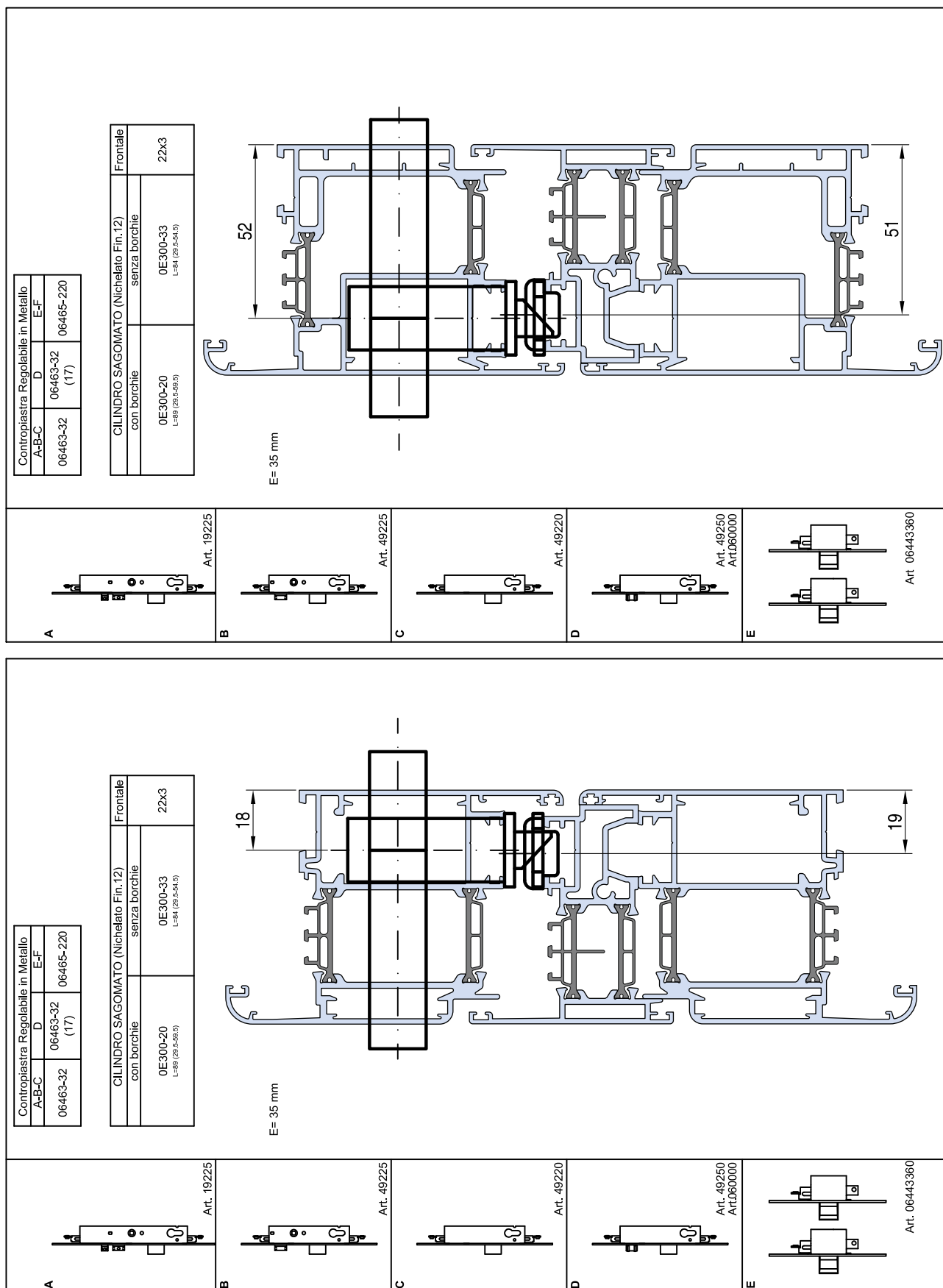
Security lock for jamb



62

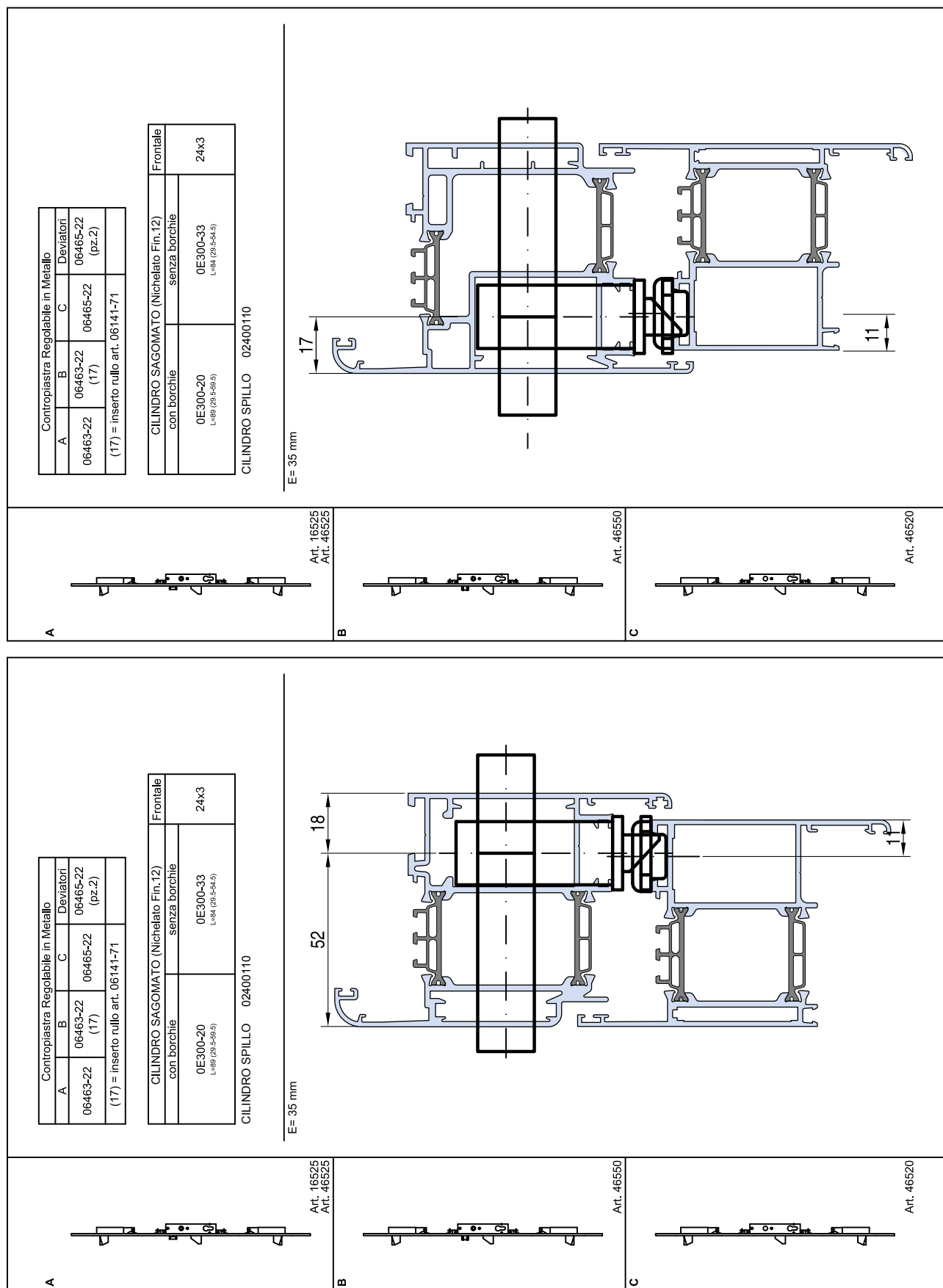
Serratura di sicurezza per montante avanzante

Security lock for jamb multi-point



Serratura di sicurezza per montante multipunto basculante

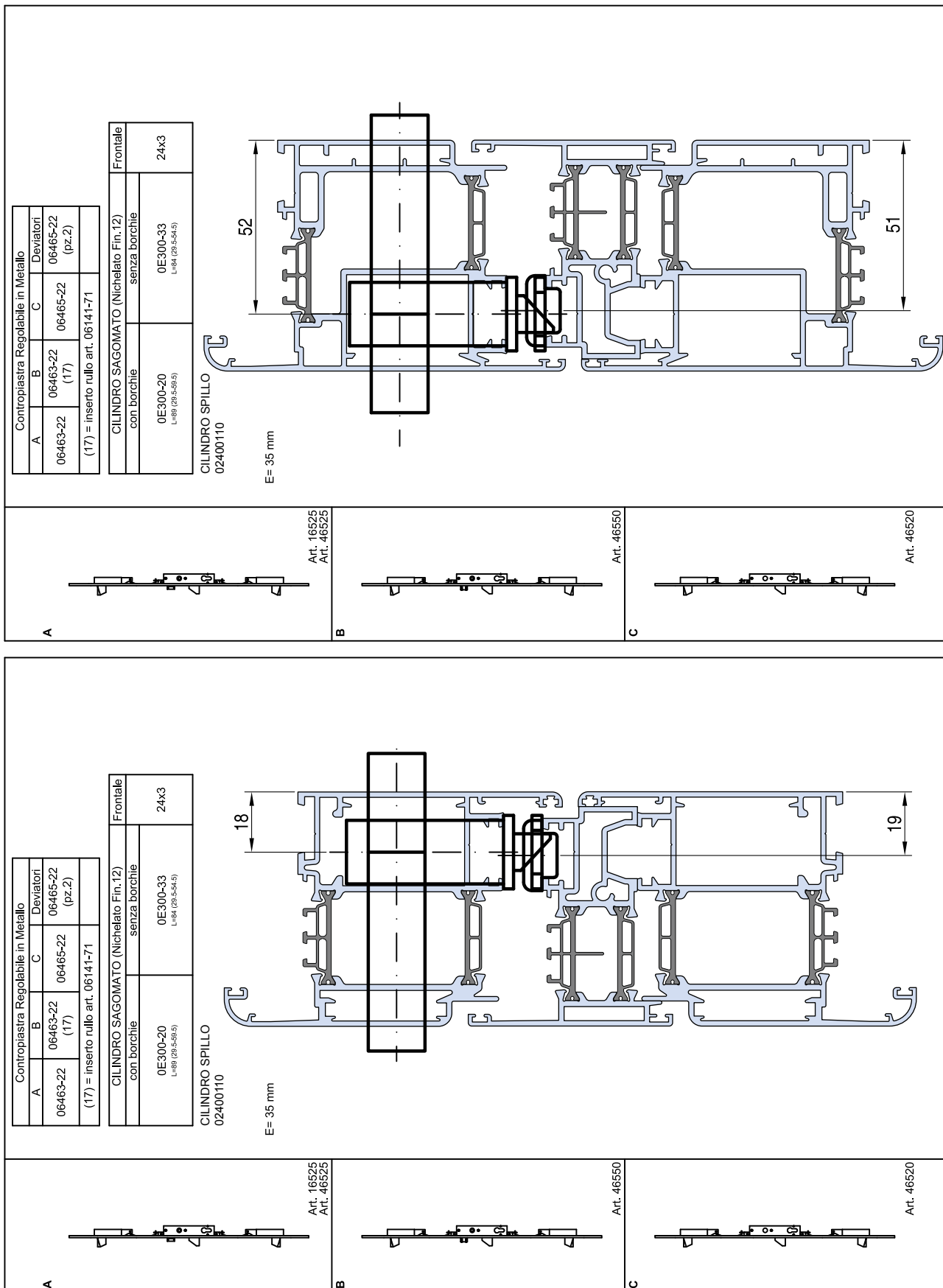
Security lock for jamb multi-point



64

Serratura di sicurezza per montante multipunto basculante

Security lock for jamb multi-point



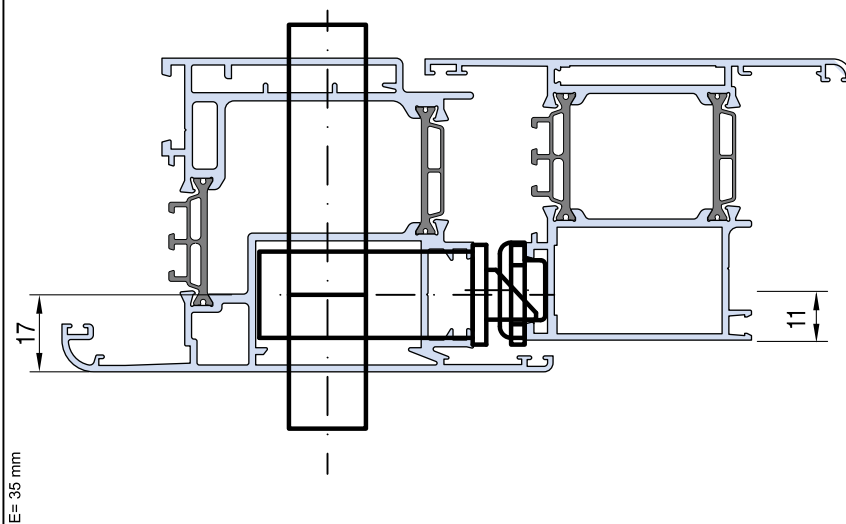
65

Serratura di sicurezza per montante multipunto avanzante

Security lock for jamb multi-point

Contropiastra Regolabile in Metallo			
A	B	C	Deviatori
06463-32	06463-32 (16)	06465-42	06465-220

CILINDRO SAGOMATO (Nichelato Fin.12)	Frontale	
con borchie	0E300-20 L=89 (29.5-59.5)	24x3
senza borchie	0E300-33 L=84 (29.5-54.5)	



E= 35 mm

A



Art. 19526
Art. 49526

8

SERRATURA A RULLO

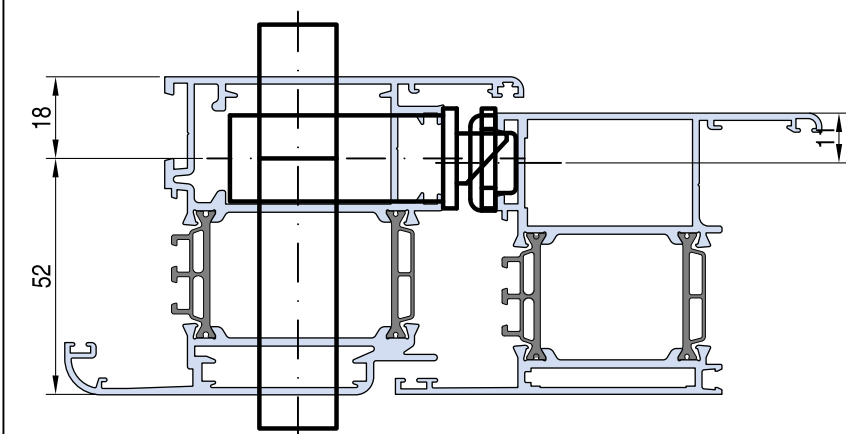
Art 49526

**SERRATURA A SOLA
MANDATA GIRANDO
LO SCROCCO**

Art 49526

Contropiastra Regolabile in Metallo			
A	B	C	Deviatori
06463-32	06463-32 (16)	06465-42	06465-220

CILINDRO SAGOMATO (Nichelato Fin.12)	Frontale	
con borchie	0E300-20 L=84 (29,5-59,5)	24X3
senza borchie	0E300-33 L=84 (29,5-59,5)	

 $E = 35 \text{ mm}$

A



Art. 19526
Art. 49526

8

SERRATURA A RULLO

Art 49526

**SERRATURA A SOLA
MANDATA GIRANDO
LO SCROCCO**

Art 49526

66

Maniglioni

Exit bar

A



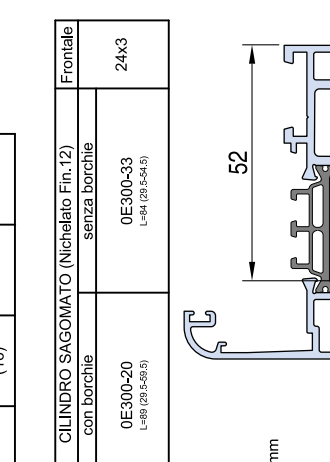
Art. 19526
Art. 49526

Contropiastra Regolabile in Metallo

A	B	C	Deviatori
06463-32	06463-32 (16)	06465-42	06465-220

CILINDRO SAGOMATO (Nichelato Fin. 12)

con borchie	senza borchie	Frontale
0E300-20 L=80 (29,5-59,5)	0E300-33 L=84 (29,5-54,5)	24x3

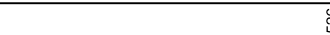


E= 35 mm

52

51

B



SERRATURA A RULLO

Art. 49526
+ 068000

SERRATURA A SOLA
MANDATA GIRANDO
LO SCROCCO

Art. 49526

A



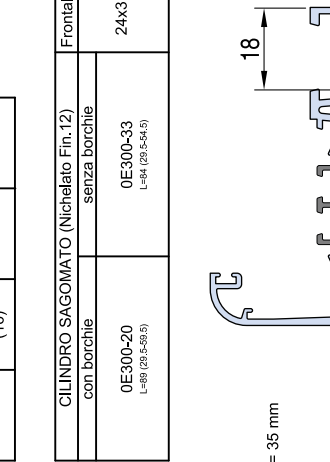
Art. 19526
Art. 49526

Contropiastra Regolabile in Metallo

A	B	C	Deviatori
06463-32	06463-32 (16)	06465-42	06465-220

CILINDRO SAGOMATO (Nichelato Fin. 12)

con borchie	senza borchie	Frontale
0E300-20 L=80 (29,5-59,5)	0E300-33 L=84 (29,5-54,5)	24x3



E= 35 mm

18

19

B



SERRATURA A RULLO

Art. 49526
+ 068000

SERRATURA A SOLA
MANDATA GIRANDO
LO SCROCCO

Art. 49526

67

Maniglioni antipanico

Panic exit bar

Contropiastre Regolabile in Metallo		Accessori	
A	Deviatori	1/2 Maniglia	Aste
43295-60	06465-22 (pz.2)	07070-66-0-B1 Funz. B/D	07088-03
Utilizzare salvaprofilo art. -		Bocchetta Pavimento art. 06142-85	Bocchetta Superiore art. 06141-80
CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale	
con borchie		senza borchie	24x3
0E300-20 L=88 (28.5-54.5)		0E300-33 L=84 (28.5-54.5)	

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

8

8

A

Art. 43725 Funz. A/D
Art. 43735 Funz. B

Maniglione quadro 8mm
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
06463-32	06465-22 (pz.2)	07070-66-0-B1 Funz. B/D	-
Utilizzare salvaprofilo art. -		Bocchetta Pavimento art. -	
CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale	
con borchie		senza borchie	24x3
0E300-20 L=88 (28.5-54.5)		0E300-33 L=84 (28.5-54.5)	

E= 40 mm

17

11

A

Art. 43725 Funz. A/D
Art. 43735 Funz. B

Maniglione quadro 8mm
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

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

68

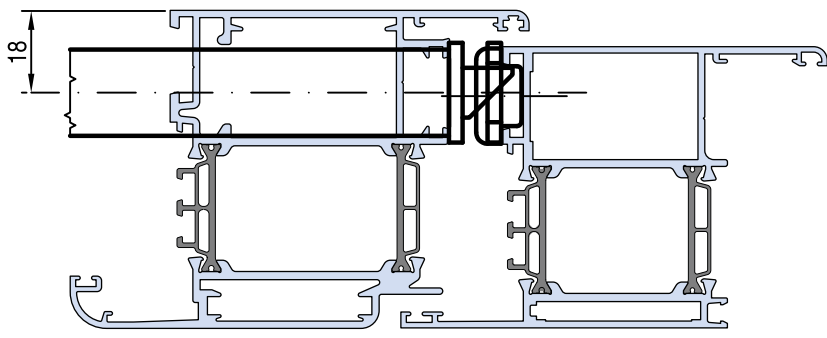
Serratura di sicurezza per fascia

Security lock for central crossbeam

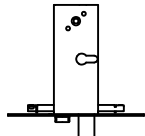
Contropiastra Regolabile in Metallo				Frontale
A	B	C	D-E	
06465-22	06465-22 (16)	06465-22 (pz. 3)	06465-22 (pz. 2)	22x3
(17) = inserto nullo art. 06141-71				

CILINDRO SAGOMATO (Nichelato Fin.12)	
con borchie	senza borchie
0E300-17 L=79 (23,5-48,5)	0E300-27 L=74 (23,5-44,5)

E= 100 mm

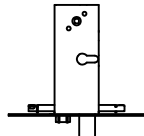


A



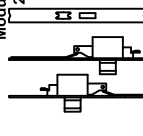
art. 56357

B



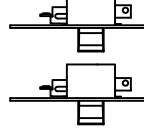
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C



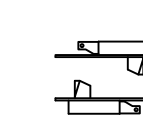
art. 56357
art. 06168-00
Kit Multipunto Modulare 24x3

D



art. 06444-45

E

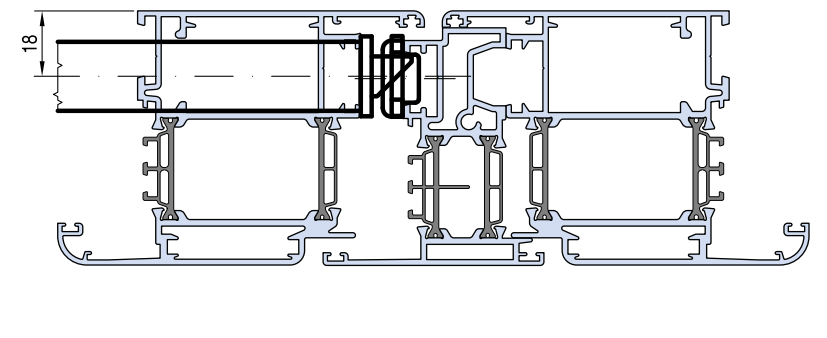


art. 06444-25-0
art. 06443-00/05-0

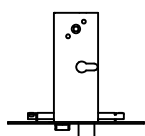
Contropiastra Regolabile in Metallo				Frontale
A	B	C	D-E	
06465-22	06465-22 (16)	06465-22 (pz. 3)	06465-22 (pz. 2)	22x3
(17) = inserto nullo art. 06141-71				

CILINDRO SAGOMATO (Nichelato Fin.12)	
con borchie	senza borchie
0E300-17 L=79 (23,5-48,5)	0E300-27 L=74 (23,5-44,5)

E= 100 mm

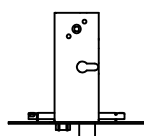


A



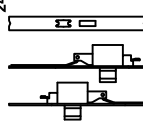
art. 56357

B



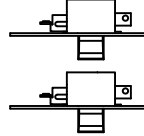
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C



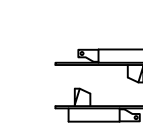
art. 56357
art. 06168-00
Kit Multipunto Modulare 24x3

D



art. 06444-45

E



art. 06444-25-0
art. 06443-00/05-0

LAVORAZIONI E
MONTAGGI
Working and assembly

PROFILI, ACCESSORI E GUARNIZIONI DI QUESTO CATALOGO SONO
DI PROPRIETÀ DI ALSISTEM, TITOLARE DI TUTTI I DIRITTI DI ESCLUSIVA

PLANET 62 PLUS v1.7
Aluminum casement system with thermal break

277



MATIC *b2 TT*

Traccia per capitolato

Infissi in alluminio realizzati con la serie taglio termico Matic 62 Plus con sistema di tenuta a giunto aperto con battuta centrale di forma tubolare e materiale coestruso, espanso/compatto. I profilati sono estrusi in lega di alluminio EN AW-6060 (UNI EN 573-3), stato di fornitura T5 e T6 conformi alla norma UNI EN 515 con tolleranze dimensionali e spessori conformi alla norma UNI EN 12020-2. Lega secondo la formula ALSistem. L'isolamento termico sarà costituito da barrette esclusivamente bitubolari a doppia camera da 28mm 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 62mm mentre le parti apribili avranno una profondità di 70mm. 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 termoidurenti 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 UNI EN 573-3. Lo stato di fornitura è in classe T5 e T6 secondo norma UNI EN 515. Le tolleranze dimensionali sono conformi alla UNI EN 12020-2. Lega secondo la formula ALSistem.

Caratteristiche tecniche e dimensionali

Aspetto visivo esterno: complanare

Aspetto visivo interno: sormonto di 8mm

Profilati: estrusi in lega leggera EN AW-6060 (UNI EN 573-3) anodizzabili e verniciabili. Lega secondo la formula ALSistem.

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

Sistema di isolamento termico: realizzato con distanziali in poliammide da 28mm a forma bitubolare

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: 62mm

Profondità anta: 70mm

Tubolarità profili finestra: 15mm

Tubolarità profili porta: 36.4mm

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

Spazio vetro o pannello nei telai fissi: da 17mm a 55mm

Spazio vetro o pannello nelle ante: da 17mm a 63mm

Certificazioni serie Matic 62 Plus

Il sistema Matic 62 Plus è stato sottoposto alle prove indicate in tabella per le diverse tipologie di serramenti.

	TIPOLOGIE SERRAMENTI		
	Finestra 2 ante ribalta	Porta finestra 2 ante ribalta	Finestra 4 ante
PROVE			
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 permeabilità 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

Thermal break Aluminium frame Matic 62 Plus for doors and windows with central gasket. The profiles are extruded in aluminium alloy EN AW-6060 (UNI EN 573-3), supply condition T5 and T6 in accordance with standard UNI EN 515 with dimensional tolerances and thicknesses compliant with standard UNI EN 12020-2. The thermal insulation will consist of 28mm polyamide 6.6 strips reinforced 25% with fibreglass 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 62mm deep, while the openable parts shall be 70mm deep. The sealing system shall be of the open joint type with a central EPDM gasket with 4,5 overlaid on the sloping surface of the sash profile; the central gasket must be connected at the corners with straight the appropriate vulcanised corners. The profiles have been designed with 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 solely and exclusively with original glazing bead gaskets. Appropriate drainage holes must be provided 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 solely and 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 neutral. 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 UNI EN 573-3. The supply condition is within class T5 and T6 in accordance with standard UNI EN 515. Dimensional tolerances comply with UNI EN 12020-2. Alloy according to ALsistem formula.

Technical and dimensional characteristics

External visual appearance: flush

Internal visual appearance: flush or overlapping 8mm

Profiles: light alloy EN AW-6060 (UNI EN 573-3) 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 28mm 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: 62mm

Leaf depth: 70mm

Tubularity of window profiles: 15mm

Tubularity of door profiles: 36,4mm

Glass fastening: with smooth or radial glazing beads

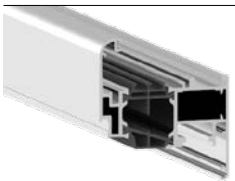
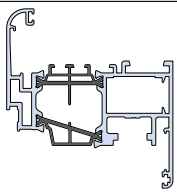
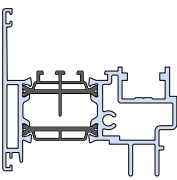
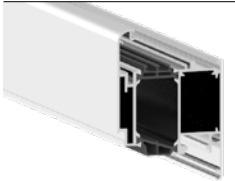
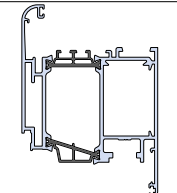
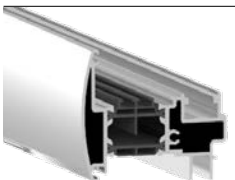
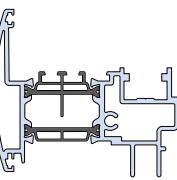
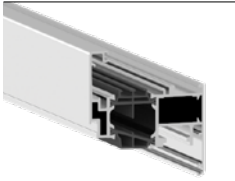
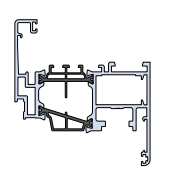
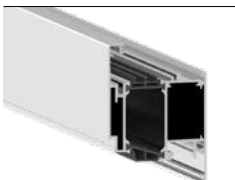
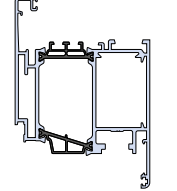
Space for glass or panel in fixed frames: from 17mm to 55mm

Space for glass or panel in leaves: from 17mm to 63mm

Matic 62 Plus range certification

The Matic 62 Plus system has been subjected to the tests shown in the table for the different types of door and window.

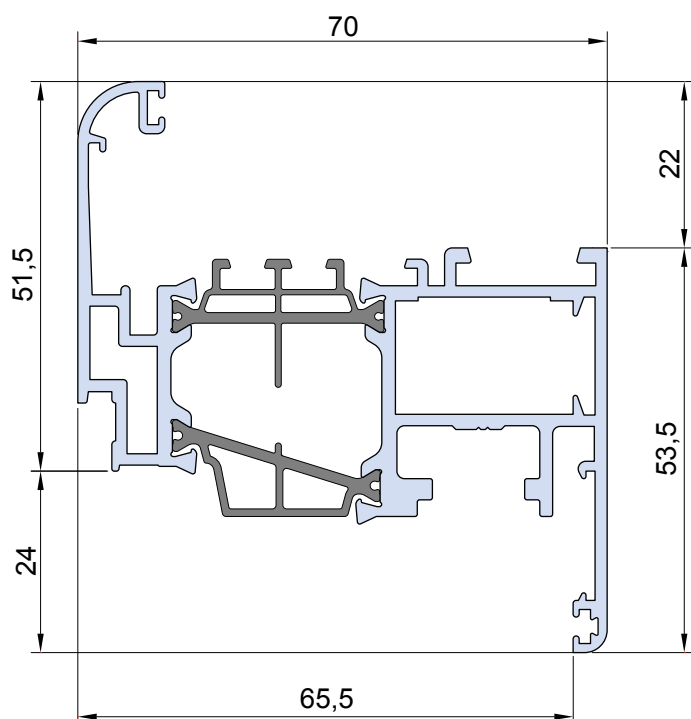
	CONSTRUCTION TYPE		
	2 leaf tilt & turn windows	2 leaf tilt & turn door	4 leaf windows
TEST			
Dimension	H =1.650mm L =1.500mm	H =2.400mm L =1.500mm	H =1.650mm L =3.000mm
Certificate	1994-CPD- RP0165	0970-CPD- RP0750	0970-CPD- RP0812
Air permeability	classe 4	classe 4	classe 4
Watertightness	classe E1200	classe E1050	classe E900
Resistance wind load	classe C5	classe C4	classe C4

	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61912	Anta raggiata Matic <i>round leaf Matic</i>	1700	38.35 15.58
		TT 61913	Riporto centrale liscio Matic <i>Flat astragal Matic</i>	1451	28.30 94.50
		TT 61917	Anta raggiata maggiorata Matic <i>oversize round leaf Matic</i>	2207	42.60 32.20
		TT 61918	Riporto centrale raggiato Matic <i>round astragal Matic</i>	1651	33.58 11.85
		TT 61977	Anta retta Matic <i>flat leaf Matic</i>	1712	38.89 16.29
		TT 61978	Anta retta maggiorata Matic <i>oversize flat leaf Matic</i>	2223	-

I profili sopra sono abbinabili solo ai telai piani disponibili tra la gamma Planet 62 Plus

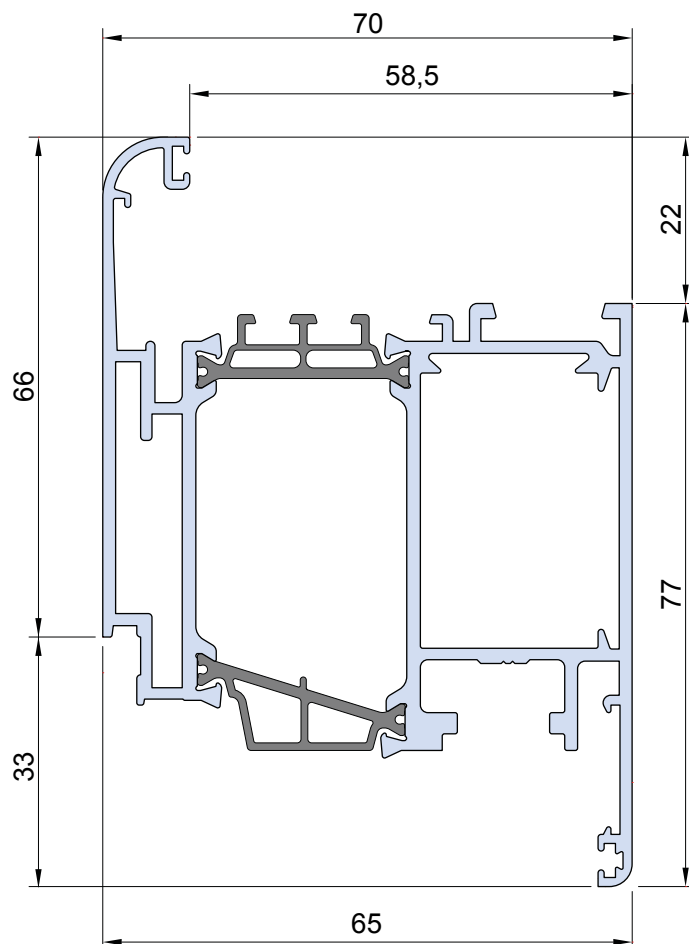
TT61802
 TT61824
 TT61822
 TT61832
 TT61883
 TT61833
 TT61803

Profili per ferramenta perimetrale



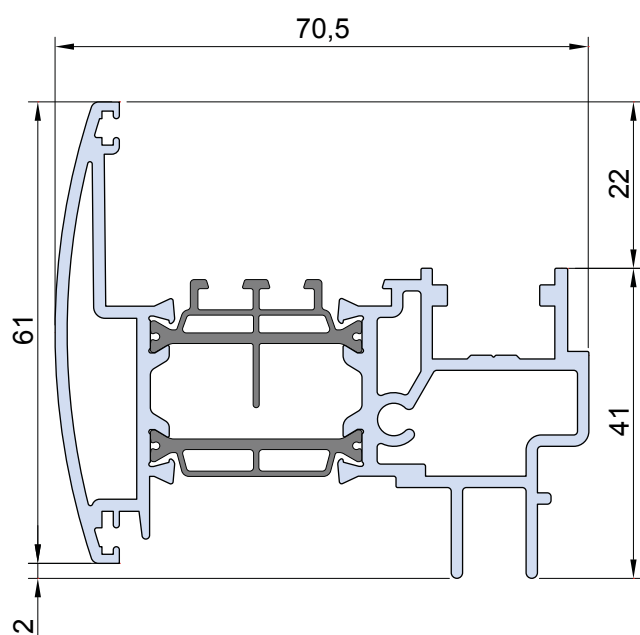
TT 61912

1700 g/m



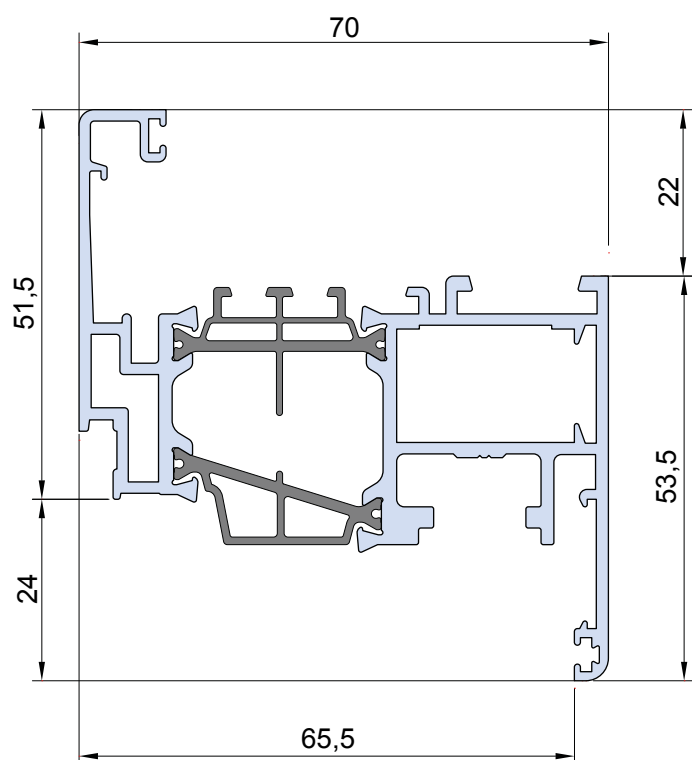
TT 61917

2207 g/m



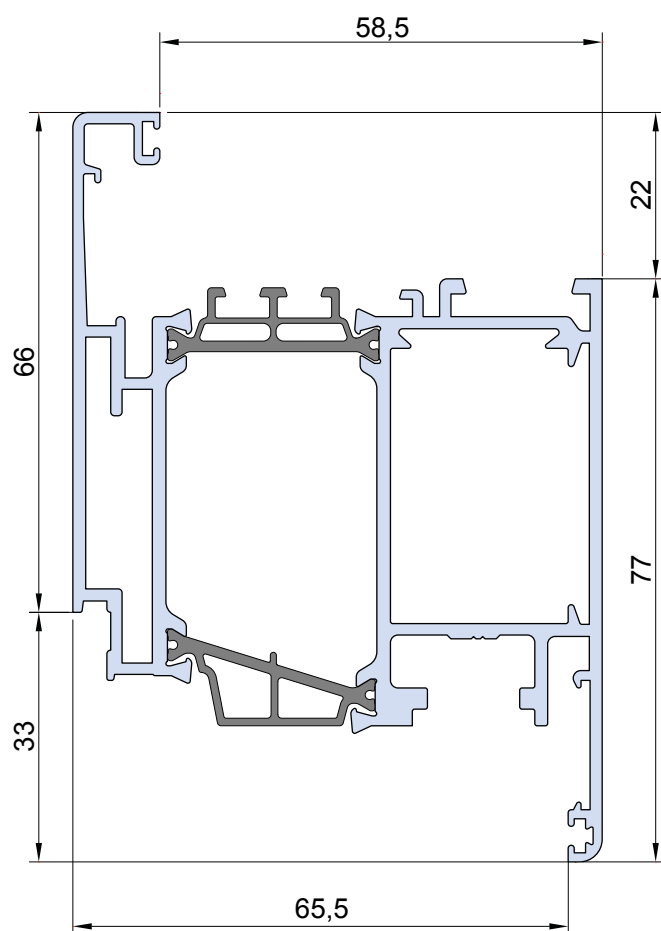
TT 61918

1655 g/m



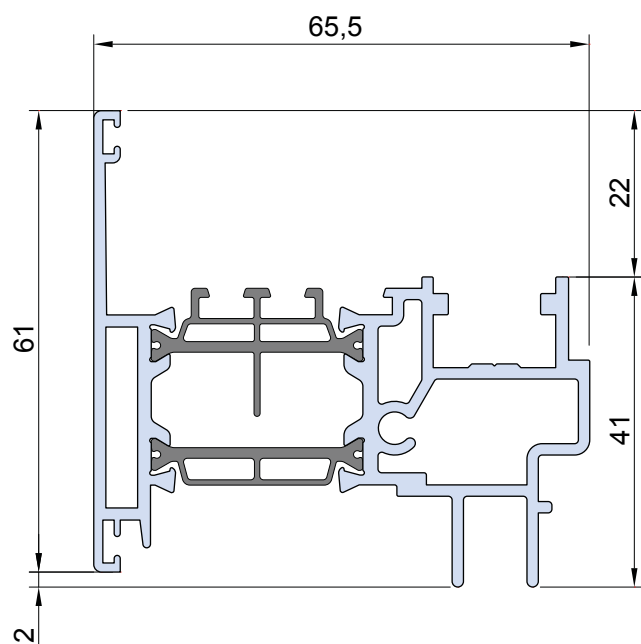
TT 61977

1712 g/m



TT 61978

2223 g/m



TT 61913

1521 g/m

ACCESSORI DI CHIUSURA

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

	221901 Asta a leva per cava ferramenta da 661mm a 840mm per 1 fungo Cfz: 10pz <i>Multi Matic lever rod, for hole hardware from 661mm to 840mm for 1 lock point Pkg: 10pcs</i>
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	221902 Asta a leva per cava ferramenta da 841mm a 1090mm per 1 fungo Cfz: 10pz <i>Multi Matic lever rod, for hole hardware from 841mm to 1090mm for 1 lock point Pkg: 10pcs</i>
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	221903 Asta a leva per cava ferramenta da 1091mm a 1340mm per 1 fungo Cfz: 10pz <i>Multi Matic lever rod, for hole hardware from 1091mm to 1340mm for 1 lock point Pkg: 10pcs</i>
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	221911 Asta a leva per cava ferramenta da 1341mm a 1590mm per 2 funghi Cfz: 10pz <i>Multi Matic lever rod, for hole hardware from 1341mm to 1590mm for 2 lock point Pkg: 10pcs</i>
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	209263 Asta a leva per cava ferramenta da 1591mm a 1700mm per 2 funghi Cfz: 10pz <i>Multi Matic Lever rod, for hole hardware from 1591mm to 1700mm for 2 lock point Pkg: 10pcs</i>
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	221907 Asta a leva per cava ferramenta da 1701mm a 1950mm per 3 funghi Cfz: 10pz <i>Multi Matic lever rod, for hole hardware from 1701mm to 1950mm for 3 lock point Pkg: 10pcs</i>
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	221908 Asta a leva per cava ferramenta da 1951mm a 2200mm per 3 funghi Cfz: 10pz <i>Multi Matic lever rod, for hole hardware from 1951mm to 2200mm for 3 lock point Pkg: 10pcs</i>
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	221909 Asta a leva per cava ferramenta da 2201mm a 2450mm per 4 fungo Cfz: 10pz <i>Multi Matic lever rod, for hole hardware from 2201mm to 2450mm for 4 lock point Pkg: 10pcs</i>
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	211929 Chiusura angolare da 801mm a 1280mm con 1 fungo <i>Angular closure from 801mm to 1280mm with 1 lock point Pkg: 20pcs</i>
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	211930 Chiusura angolare da 1281mm a 1500mm con 1 fungo <i>Angular closure from 1281mm to 1500mm with 1 lock point Pkg: 20pcs</i>
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	211931 Chiusura angolare da 1500mm a 2200mm con 2 funghi <i>Angular closure from 1500mm to 2200mm with 2 lock point</i> Pkg: 10pcs
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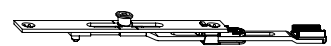
	211932 Chiusura angolare prolungabile da 2201mm a 2400mm con 2 funghi <i>Angular closure extend from 2201mm to 2400mm with 2 lock point</i> Pkg: 10pcs
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	211933 Chiusura angolare da 2201mm a 2450mm con 3 funghi <i>Angular closure extend from 2201mm to 2450mm with 3 lock point</i> Pkg: 10pcs
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	201840 Chiusura centrale Multi Matic prolungabile da 801mm a 1280mm con 1 fungo Cfz: 20pz <i>Multi Matic central closure extend from 801mm to 1280mm with 1 lock point</i> Pkg: 20pcs
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	201754 Chiusura centrale Multi matic prolungabile da 1701mm a 2200mm con 2 funghi Cfz: 10pz <i>Multi Matic central closure extend from 1701mm to 2200mm with 2 lock points</i> Pkg: 20pcs
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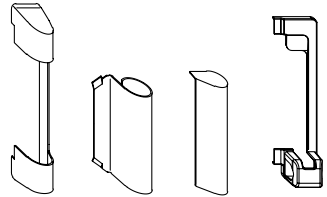
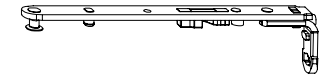
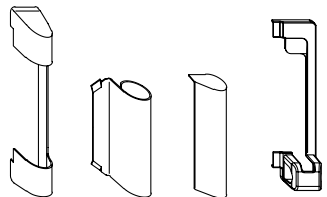
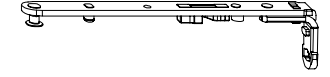
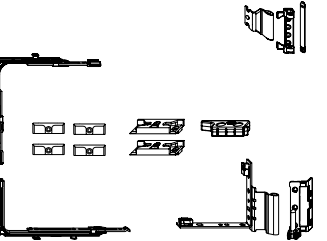
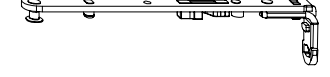
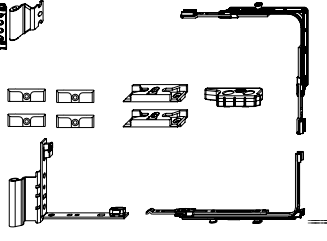
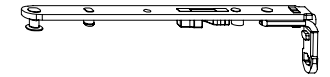
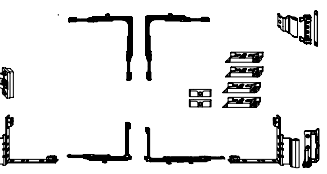
	20175 Prolunga frontale prolungabile 235mm con 1 fungo Cfz: 20pz <i>Extension cable frontal 235mm with 1 lock point Silver</i> Pkg: 20pcs
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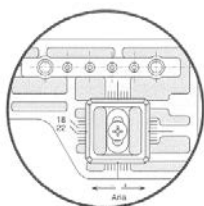
	203810 Prolunga frontale per asta a leva Multi Matic 235mm con scontro Cfz: 20pz <i>Extension cable frontal 235mm for Multi Matic lever rod Silver</i> Pkg: 20pcs
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	206862 Frontale forbice Multi Matic da 320mm a 400mm Cfz: 20pz <i>Multi Matic scissor frontal from 320mm to 300mm</i> Pkg: 20pcs
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	206863 Frontale forbice Multi Matic da 401mm a 600mm Cfz: 20pz <i>Multi Matic scissor frontal from 401mm to 600mm</i> Pkg: 20pcs
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	206864 Frontale forbice Multi Matic da 601mm a 800mm Cfz: 20pz <i>Multi Matic scissor frontal from 601mm to 800mm</i> Pkg: 20pcs
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	206865 Frontale forbice Multi Matic da 801mm a 1050mm con 1 fungo Cfz: 20pz <i>Multi Matic scissor frontal with 1 lock point from 801mm to 1050mm Pkg: 20pcs</i>		463900 Kit di coperture per alluminio destro per cerniera telaio in appoggio. Finitura: RAL 9016, titanio, nero, argento, gold, marrone e bronzo Cfz: 10pz <i>Cover kit for frame hinge right Pkg: 10pcs</i>
	206856 Braccio forbice Multi Matic da 320mm a 400mm senza aerazione Cfz: 20pz <i>Mechanical arm scissor Multi Matic without ventilation from 320mm to 400mm Pkg: 20pcs</i>		463901 Kit di coperture per alluminio sinistro per cerniera telaio in appoggio. Finitura: RAL 9016, titanio, nero, argento, gold, marrone e bronzo Cfz: 10pz <i>Cover kit for frame hinge left Pkg: 10pcs</i>
	207122 Braccio forbice Multi Matic da 401mm a 600mm senza aerazione Cfz: 20pz <i>Mechanical arm scissor Multi Matic without ventilation from 401mm to 600mm Pkg: 20pcs</i>		461381 Kit anta ribalta 1 anta DX Cfz: 1kit <i>Tilt&turn kit for 1 DX leaf Pkg: 1kit</i>
	207123 Braccio forbice Multi Matic da 601mm a 800mm senza aerazione Cfz: 20pz <i>Mechanical arm scissor Multi Matic without ventilation from 601mm to 800mm Pkg: 20pcs</i>		461382 Kit anta ribalta 1 anta SX Cfz: 1kit <i>Tilt&turn kit for 1 SX leaf Pkg: 1kit</i>
	207124 Braccio forbice Multi Matic da 801mm a 1300mm senza aerazione Cfz: 20pz <i>Mechanical arm scissor Multi Matic without ventilation from 801mm to 1300mm Pkg: 20pcs</i>		461380 Kit anta a ribalta 2 ante ambidestra Cfz: 1kit <i>Tilt&turn kit for 2 leaf - ambidextrous Pkg: 1kit</i>

**461205**

Dima per cerniera e
supporto forbice
Cfz: 1pz

*Shape for hinge
Pkg: 1pcs*

**ACP 62181**

Tappo riporto centrale Matic
62 Plus
Cfz: 20pz

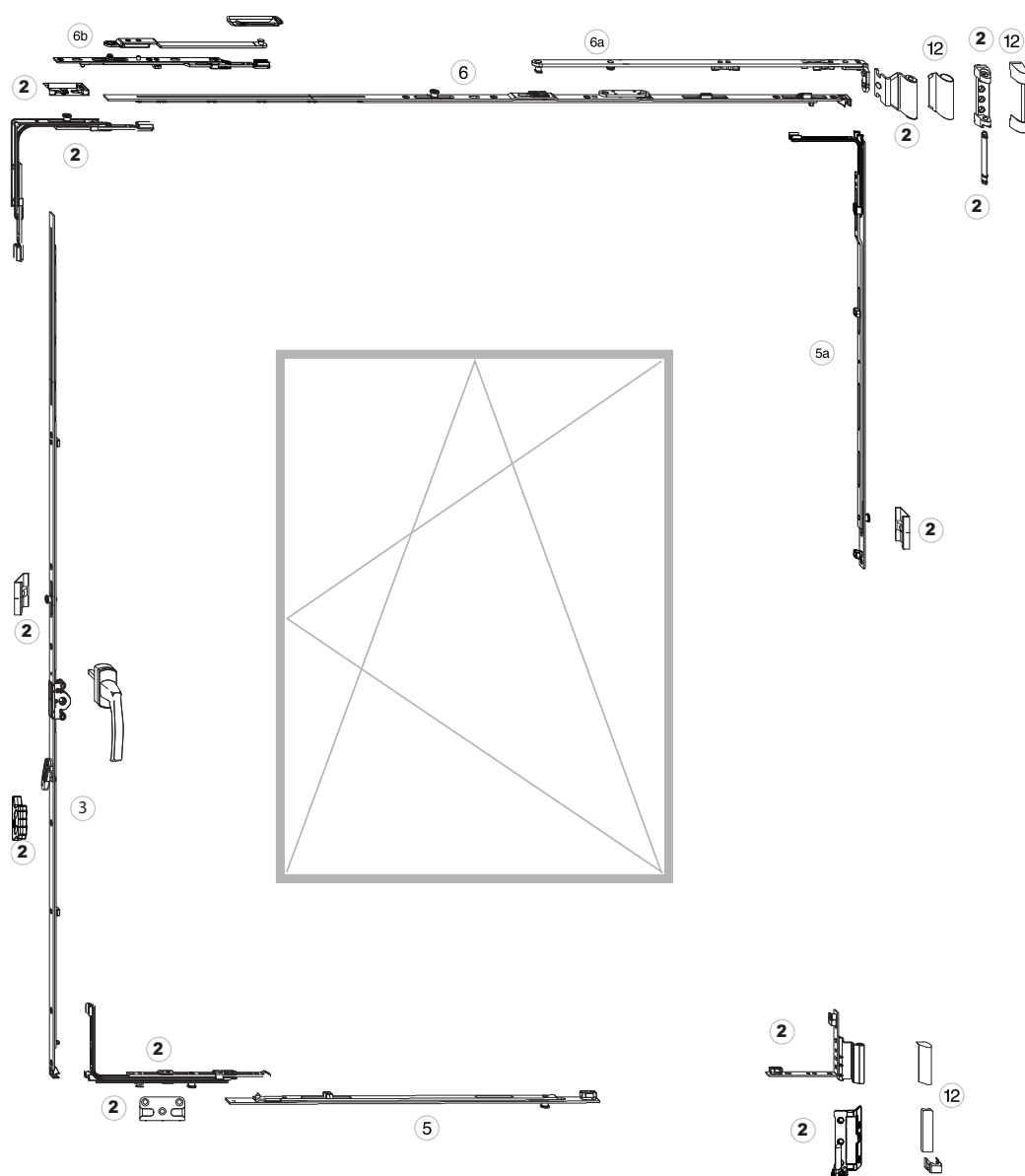
*Central cap
Pkg: 20pcs*

NOTA BENE

GUARNIZIONI: Si possono utilizzare le stesse del Planet 62 Plus

ACCESSORI GENERICI: si possono utilizzare gli stessi del Planet 62 Plus

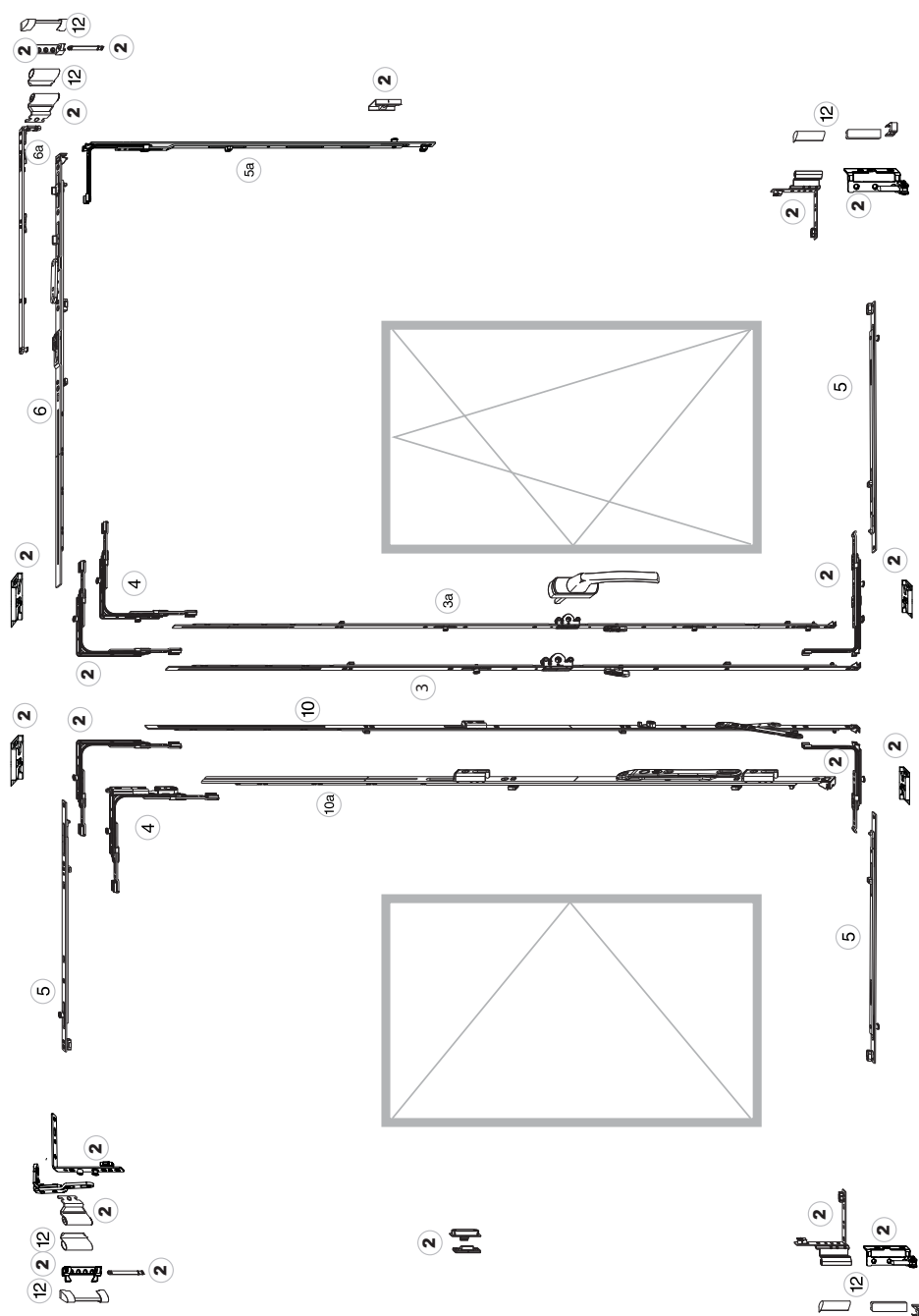
ACCESSORI DI GIUNZIONE: Si possono utilizzare gli stessi del Planet 62 Plus



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 |

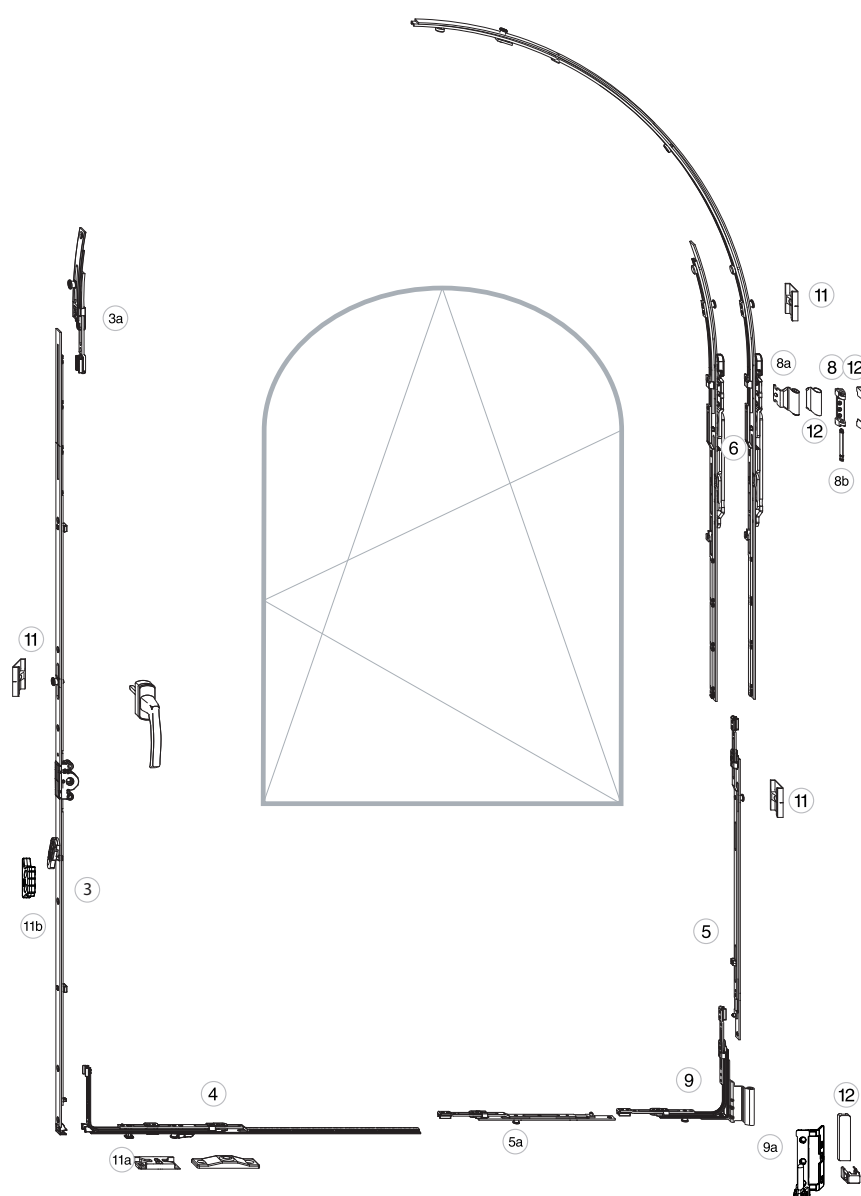
Vedi elenco accessori MATIC 62 PLUS



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 |

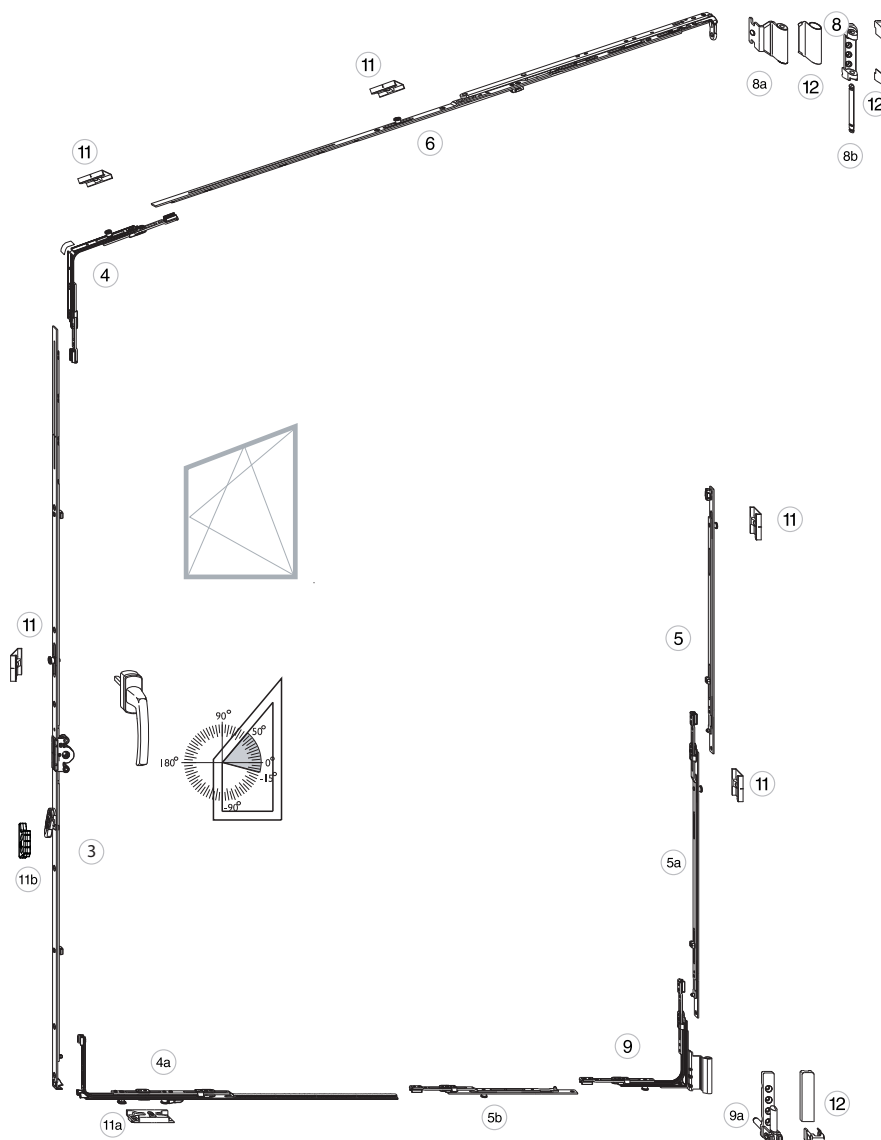
Vedi elenco accessori MATIC 62 PLUS



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 |

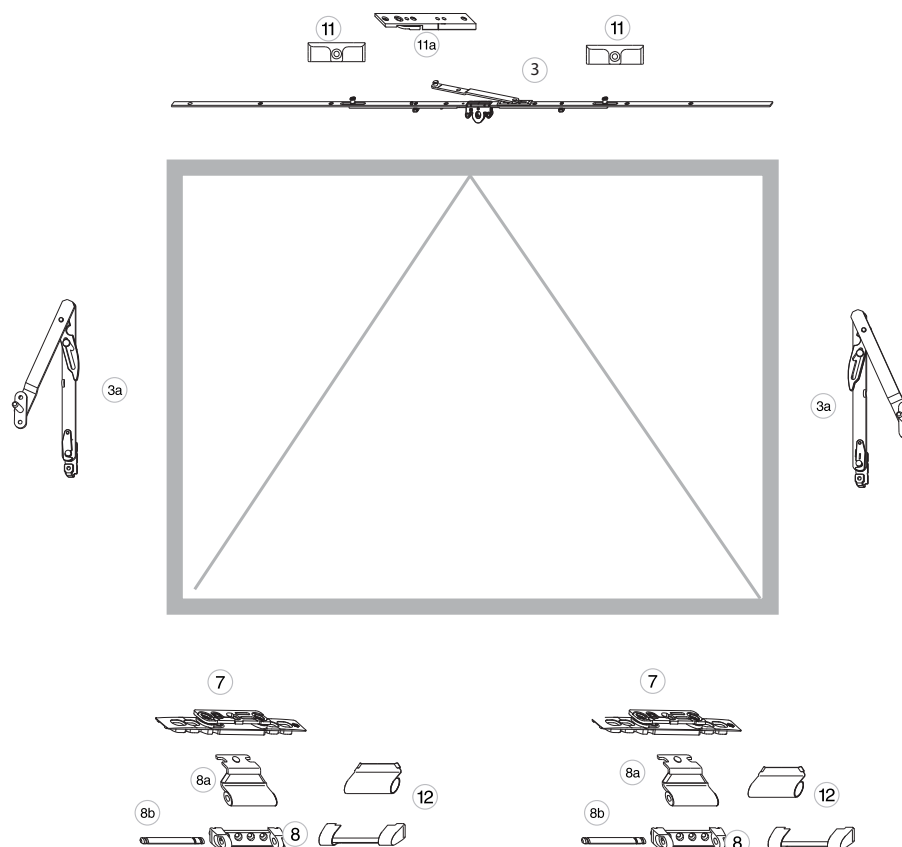
Vedi elenco accessori MATIC 62 PLUS



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 62 PLUS



COMPONENTI FERRAMENTI

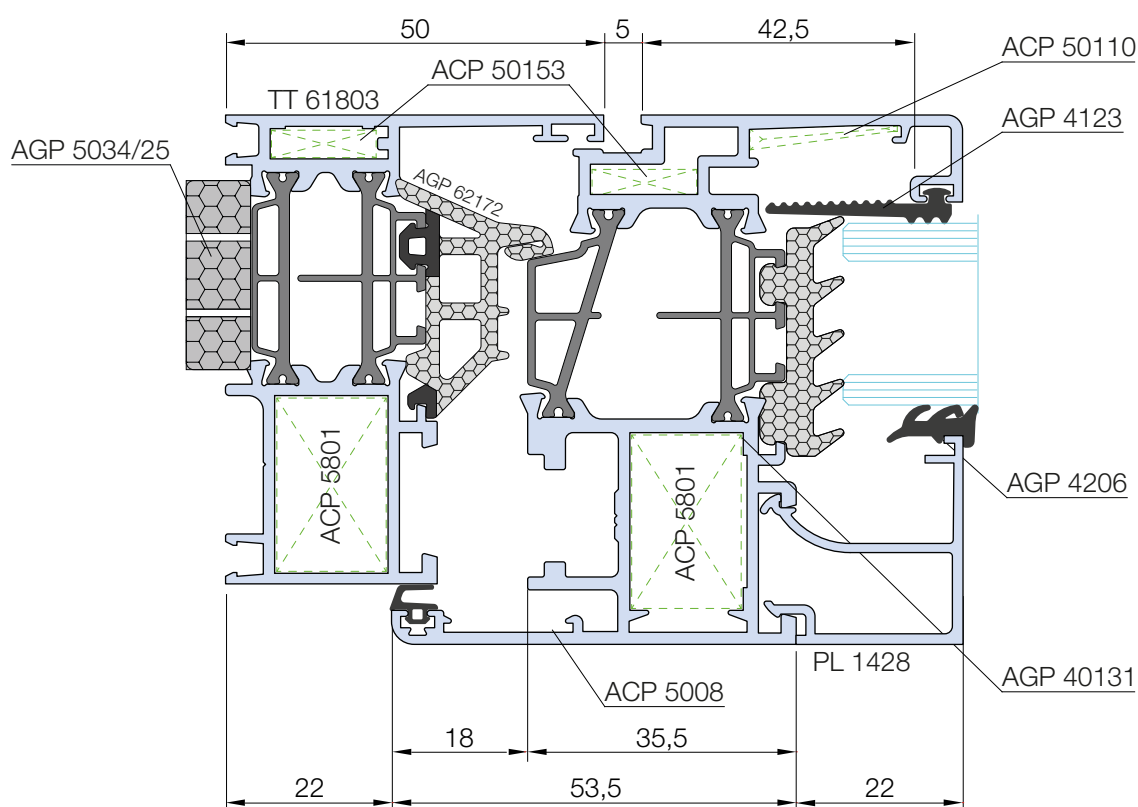
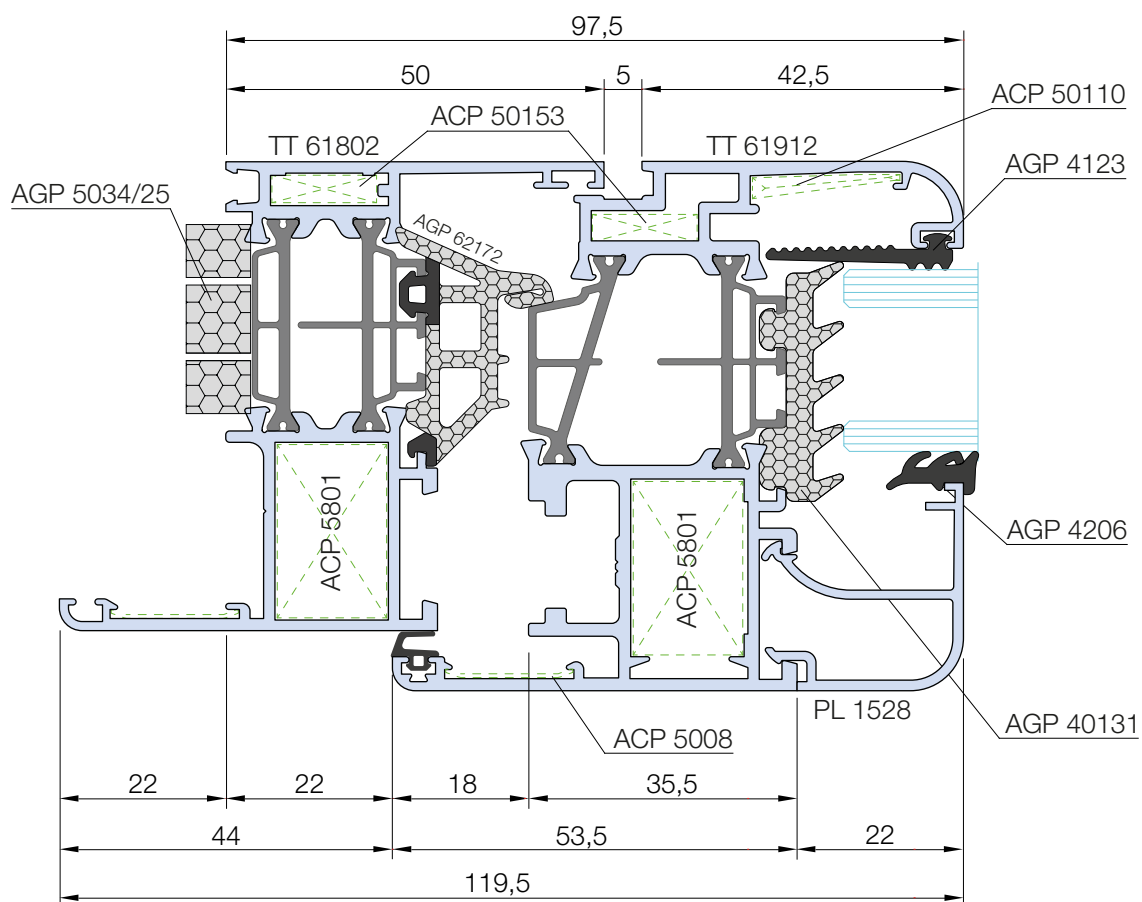
- | | |
|--|--|
| ③ Asta rulli fix con forbice a ribalta | ⑧a Bandella forbice |
| ③a Forbice di sicurezza | ⑧b Perno supporto forbice |
| ⑦ Piastra cerniera ribalta/centrale regolabile | ⑪ Scontro nottolino |
| ⑧ Supporto forbice | ⑪a Scontro per forbice ribalta |
| | ⑫ Kit di coperture cerniera e supporto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

Vedi elenco accessori MATIC 62 PLUS

NODO 1

Apertura a battente - nodo laterale

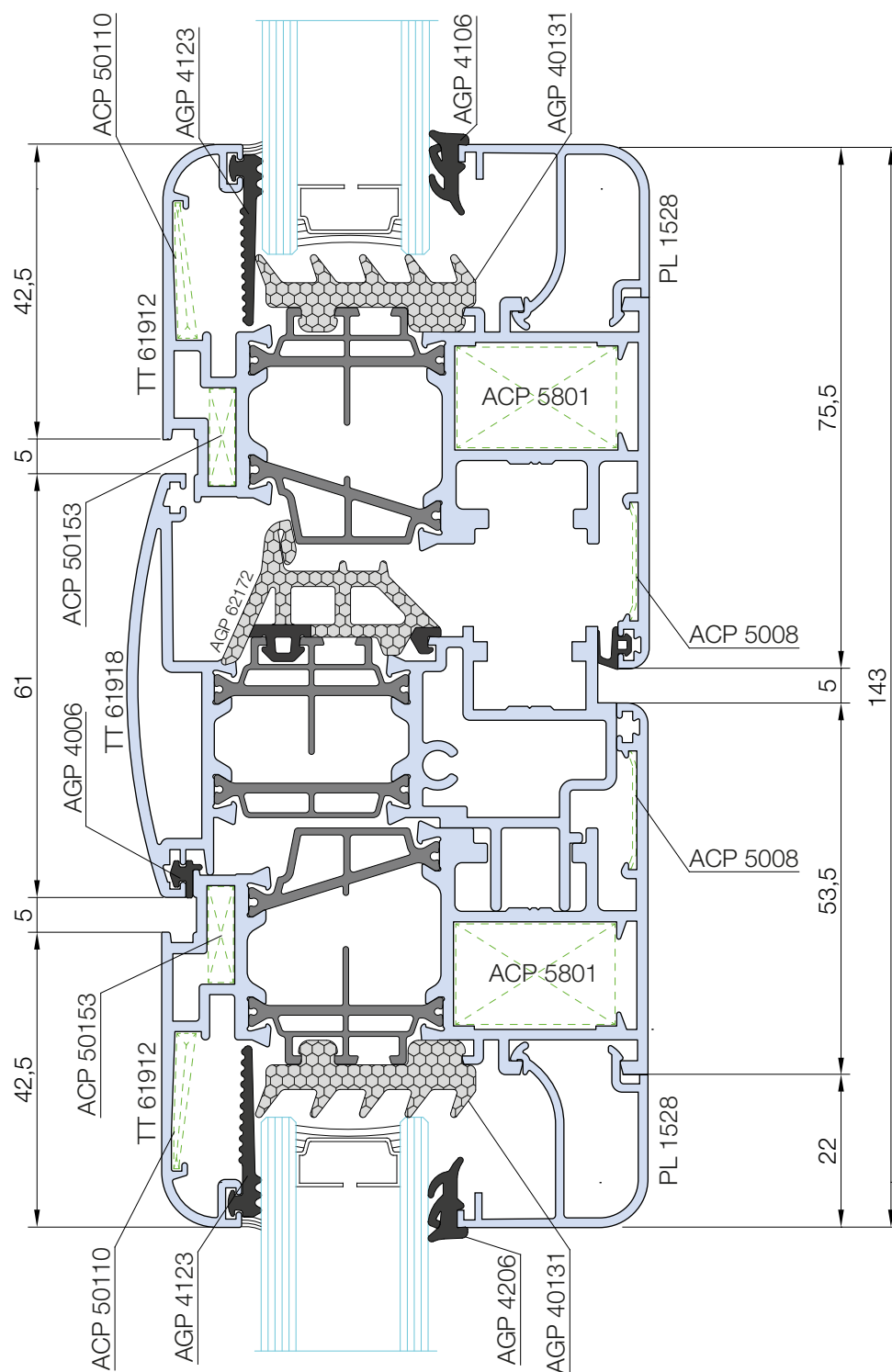
Hinged door opening - lateral section



NODO 2

Apertura interna - finestra a battente - nodo centrale

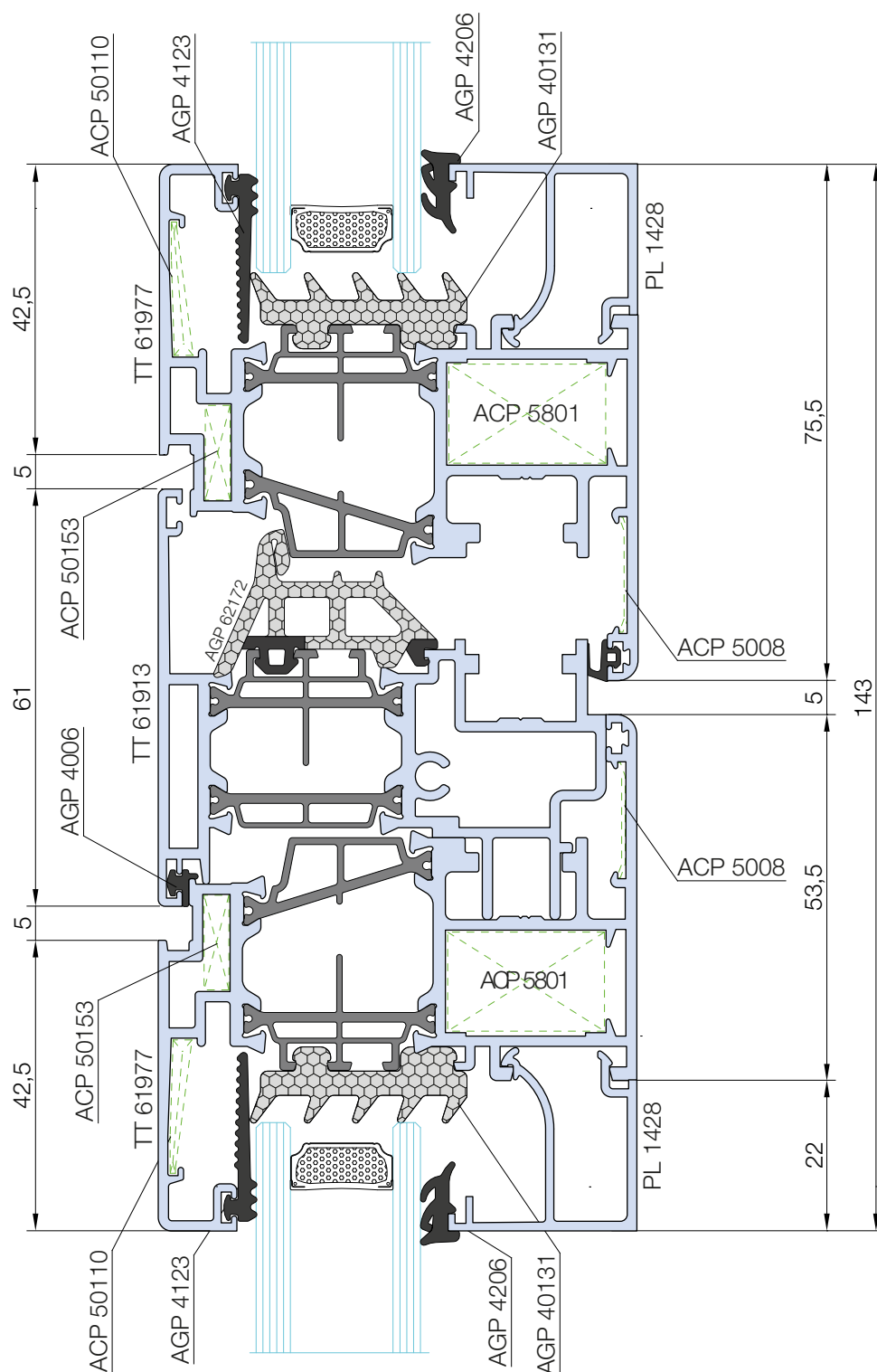
Inward opening - casement window - central section



NODO 3

Apertura interna - finestra a battente - nodo centrale

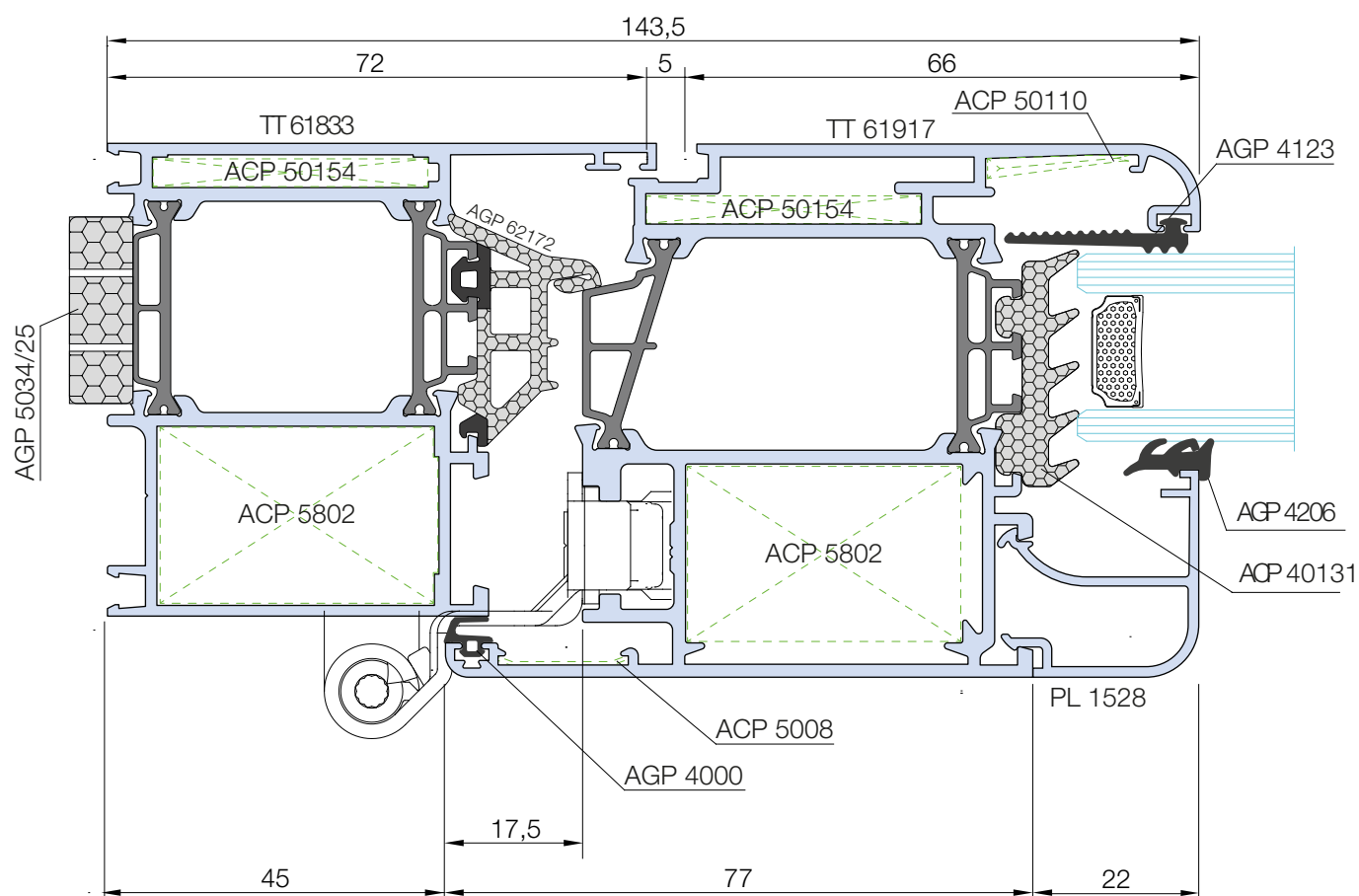
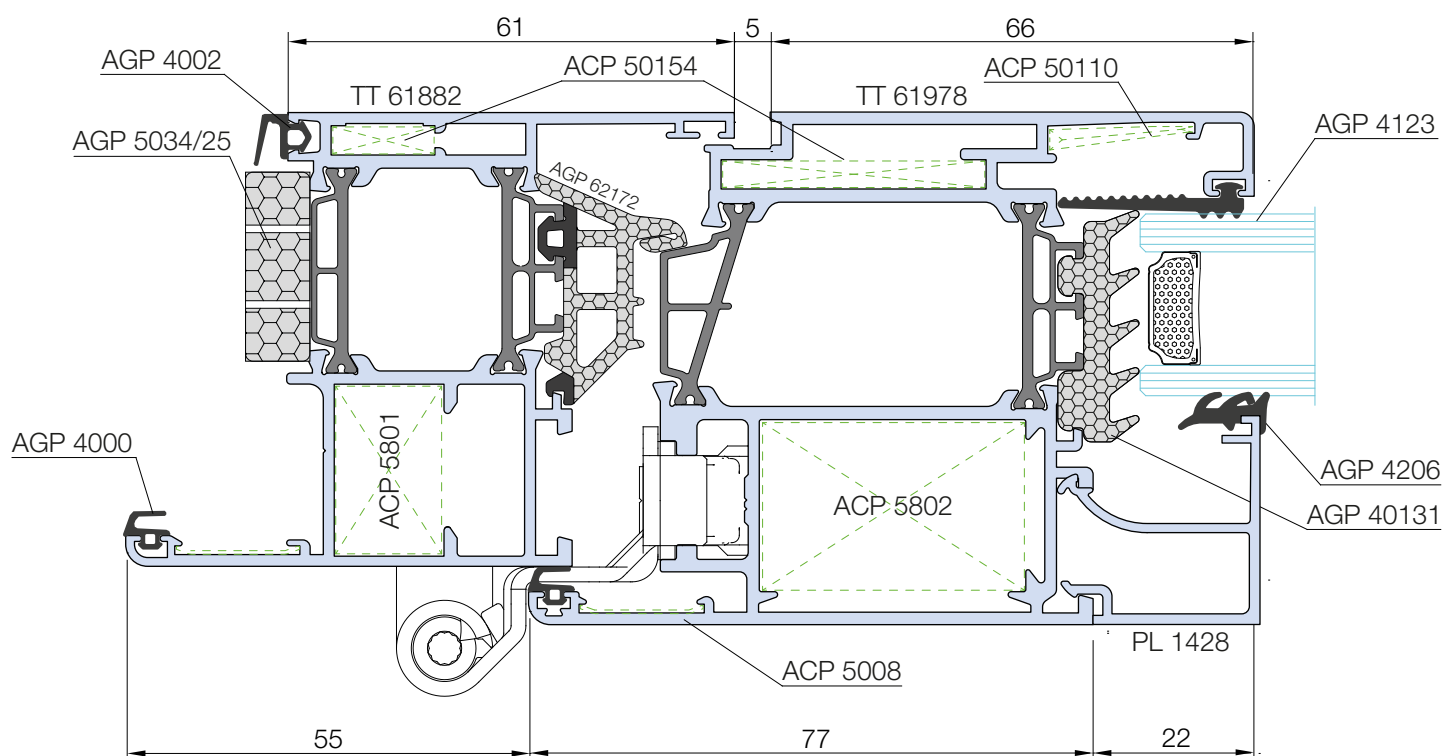
Inward opening - casement window - central section



NODO 4

Apertura interna - porta a battente - nodo laterale

Inward opening - casement door - lateral section



1

Montaggio tappo riporto centrale ACP 62181

Application of the central cap ACP 62181

1

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

Before installing astragal cap, seal areas shown on drawing



ACP 62181



2

Avvitare con vite TC-CE4,8

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



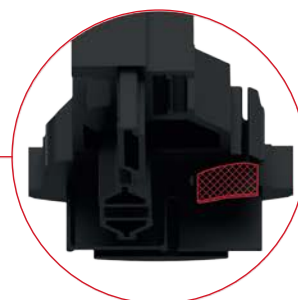
3

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

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



ACP 62180





fullglazing

SERRAMENTO A TUTTO VETRO INTERNO

Traccia per capitolato

Infissi in alluminio realizzati con la serie taglio termico Fullglazing con sistema di tenuta a giunto aperto con guarnizione centrale di forma tubolare e materiale coestruso, espanso/compatto. I profilati sono estrusi in lega di alluminio EN AW-6060 (UNI EN 573-3), stato di fornitura T5 e T6 conformi alla norma UNI EN 515 con tolleranze dimensionali e spessori conformi alla norma UNI EN 12020-2. Lega secondo la formula ALSistem. L'isolamento termico sarà costituito da barrette esclusivamente bitubolari a doppia camera da 28mm 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 62mm mentre le parti apribili avranno una profondità di 78mm. Visto dall'interno l'infisso presenterà la parte apribile completamente nascosta dal vetro sul quale verrà applicata la maniglia di apertura. 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 piane, esternamente e tutto vetro internamente. 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 termoidurenti 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 UNI EN 573-3. Lo stato di fornitura è in classe T5 e T6 secondo norma UNI EN 515. Le tolleranze dimensionali sono conformi alla UNI EN 12020-2. Lega secondo la formula ALSistem.

Caratteristiche tecniche e dimensionali

Aspetto visivo esterno: complanare

Aspetto visivo interno: tutto vetro con sormonto di 16mm

Profilati: estrusi in lega leggera EN AW-6060 (UNI EN 573-3) anodizzabili e verniciabili. Lega secondo la formula ALSistem.

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

Sistema di isolamento termico: realizzato con distanziali in poliammide da 28mm a forma bitubolare

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: 62mm

Profondità anta: 78mm

Tubolarità profili finestra: 15mm

Fissaggio vetri: con accessori specifici brevettati a ritenzione meccanica

Spazio vetro o pannello nei telai fissi: da 17mm a 55mm

Spazio vetro o pannello nelle ante: solo triplo vetro da 64mm

General specifications

Thermal break Aluminium frames Full Glazing for windows with central gasket. The profiles are extruded in aluminium alloy EN AW-6060 (UNI EN 573-3), supply condition T5 and T6 in accordance with standard UNI EN 515 with dimensional tolerances and thicknesses compliant with standard UNI EN 755-9 and UNI12020-2. The thermal insulation will consist of 28mm polyamide 6.6 strips reinforced 25% with fibreglass; 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 62mm deep, while the sash shall be 78mm deep internal exhibition shall be full glazing with aluminum sash profile totally hidden behind the glass where you directly apply the handle. The sealing system shall be a central EPDM gasket with 4,5 overlaid a seal fin on the sloping surface of the profile; the central gasket must be connected at the corners with the appropriate vulcanised corners. The profiles have been designed with rounded lines internally and externally with the possibility of accommodating glazing bead solutions cut at 45° or 90°; where cut at 90° with straight or 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 solely and exclusively with original glazing bead gaskets. Appropriate drainage holes must be provided 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 solely and 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 neutral 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 UNI EN 573-3. The supply condition is within class T5 and T6 in accordance with standard UNI EN 515. Dimensional tolerances comply with UNI EN 12020-2. Alloy according to ALSistem formula.

Technical and dimensional characteristics

External visual appearance: flush

Internal visual appearance: flush or overlapping 16mm

Profiles: light alloy EN AW-6060 (UNI EN 573-3) extrusions; they can be anodised and painted. Alloy according to ALSistem formula.

Sealing system: central gasket pre-chamber in EPDM

Thermal insulation system: made using 28mm polyamide tubular spacers

Accessory system: ALSistem original

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: 62mm

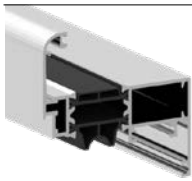
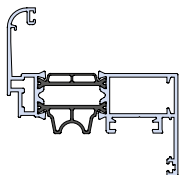
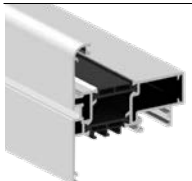
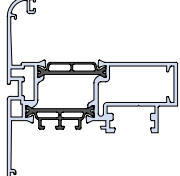
Leaf depth: 78mm

Tubularity of window profiles: 15mm

Glass fastening: special accessories

Space for glass or panel in fixed frames: from 17mm to 55mm

Space for glass or panel in leaves: triple glass 64mm

	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 61512	Anta raggiata Full Glazing <i>round leaf Full Glazing</i>	1345	99.27 30.97
		TT 61514	Anta T all'italiana Full Glazing <i>T italian for leaf Full Glazing</i>	1538	134.05 307.97

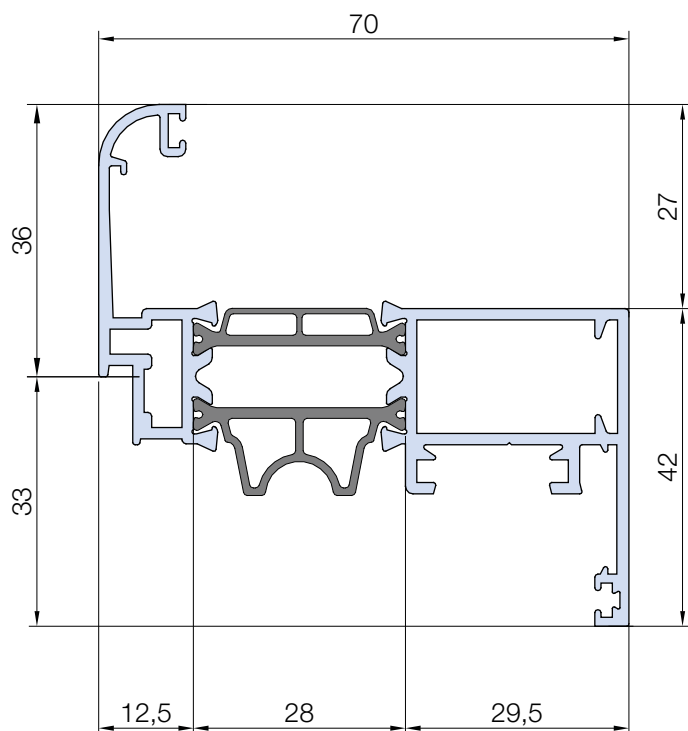
I profili sopra sono abbinabili solo ai telai piani disponibili tra la gamma Planet 62 Plus

TT61802 TT61832

TT61824 TT61883

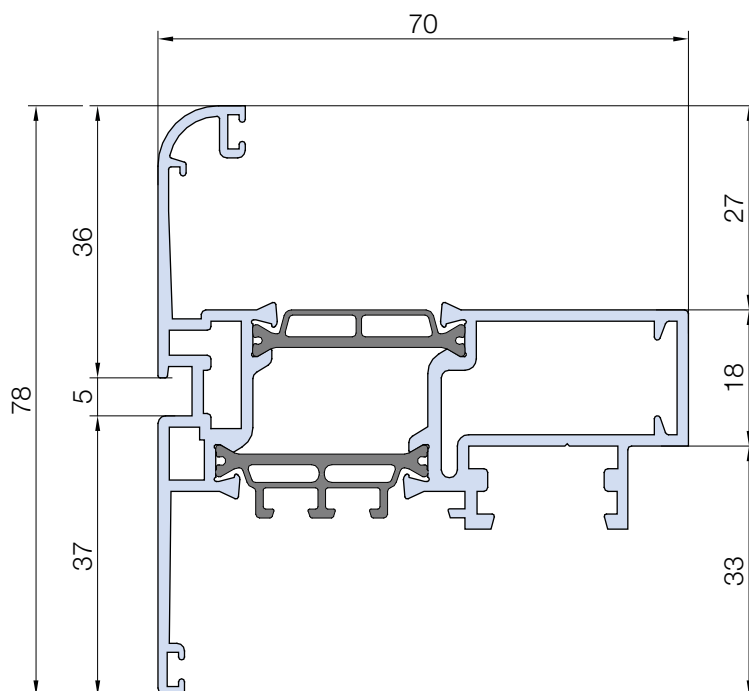
TT61822 TT61833

TT61803



TT 61512

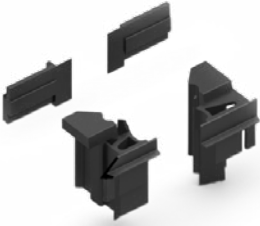
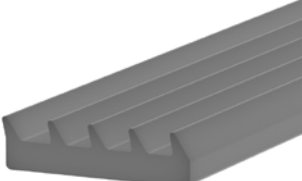
1345 g/m



TT 61514

1538 g/m

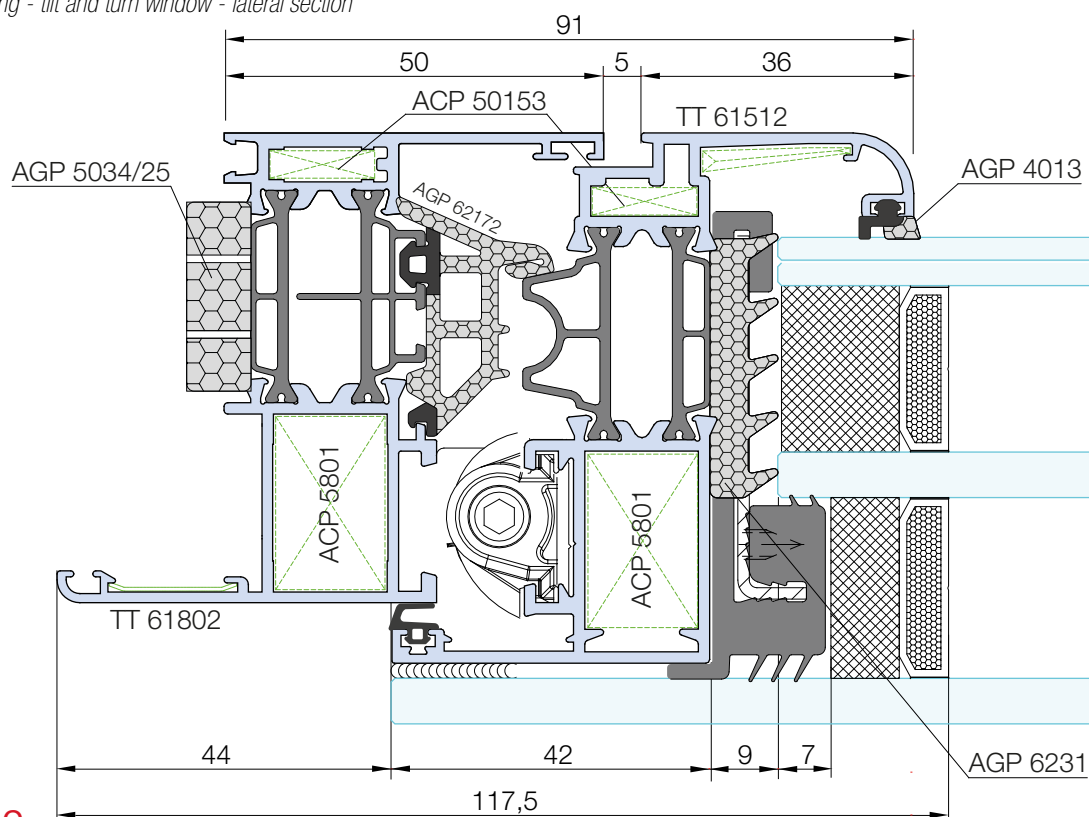
ACCESSORI specifici per FULLGLAZING da aggiungere a quelli presenti nella sezione Planet

	ACP 6234 Supporto vetro per anta Cfz: 200pz <i>Glass support Pkg: 200pcs</i>
	ACP 50121M Tappo riporto per T all'italiana Cfz: 200pz <i>Central plug or T italian leaf Pkg: 200pcs</i>
	ACP 50317 Exens linea Aurora per Fullglazing Cfz: 1pz <i>Aurora EXENS handle with Hexagon Along Pkg: 1pcs</i>
	AGP 6231 Guarnizione sottovetro in espanso. Applicazione con biadesivo Cfz: 100m <i>Seal under glass foam. Application with adhesive Pkg: 100m</i>

NODO 1

Apertura interna - finestra anta ribalta - nodo laterale

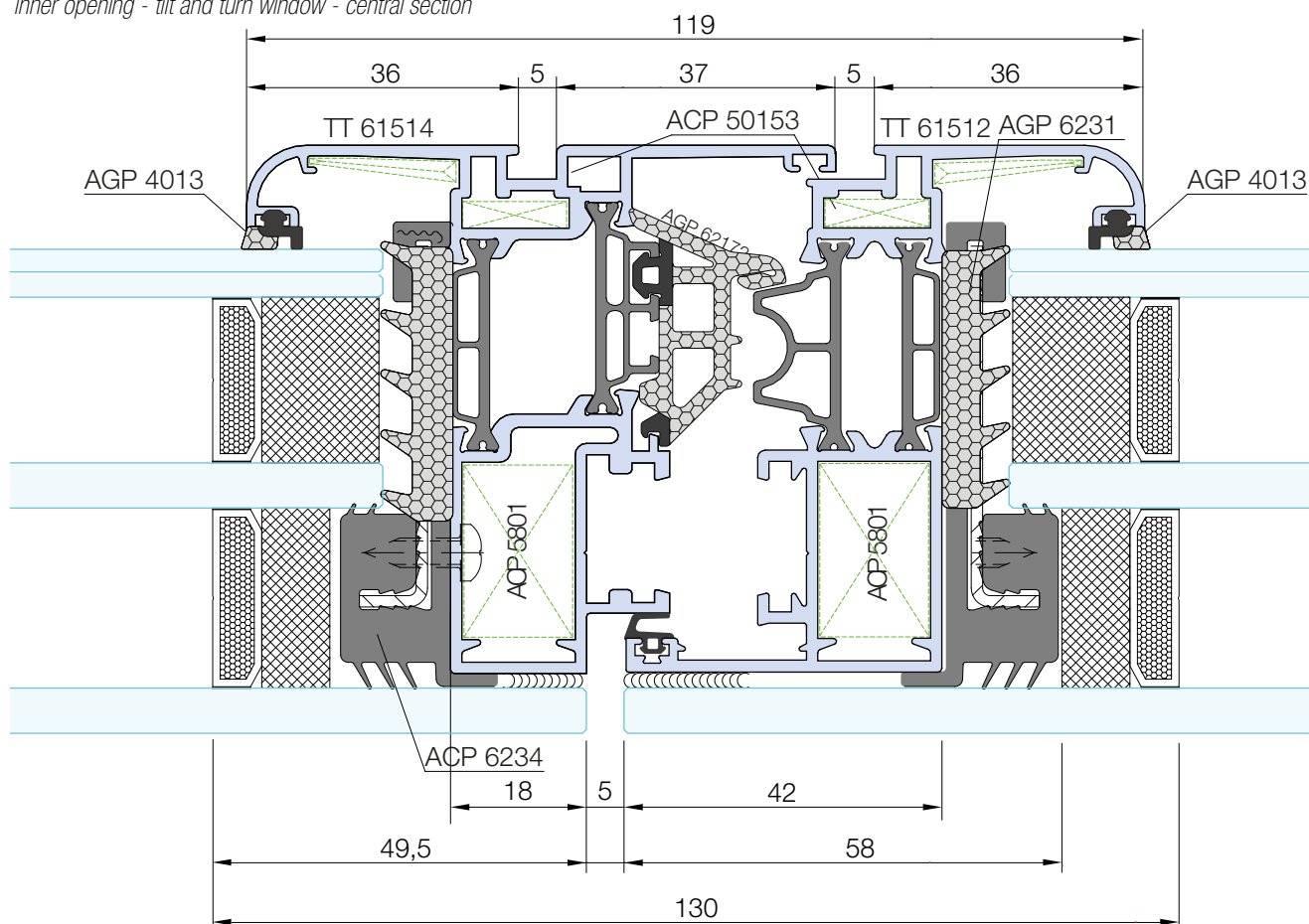
inner opening - tilt and turn window - lateral section



NODO 2

Apertura interna - finestra anta ribalta - nodo centrale

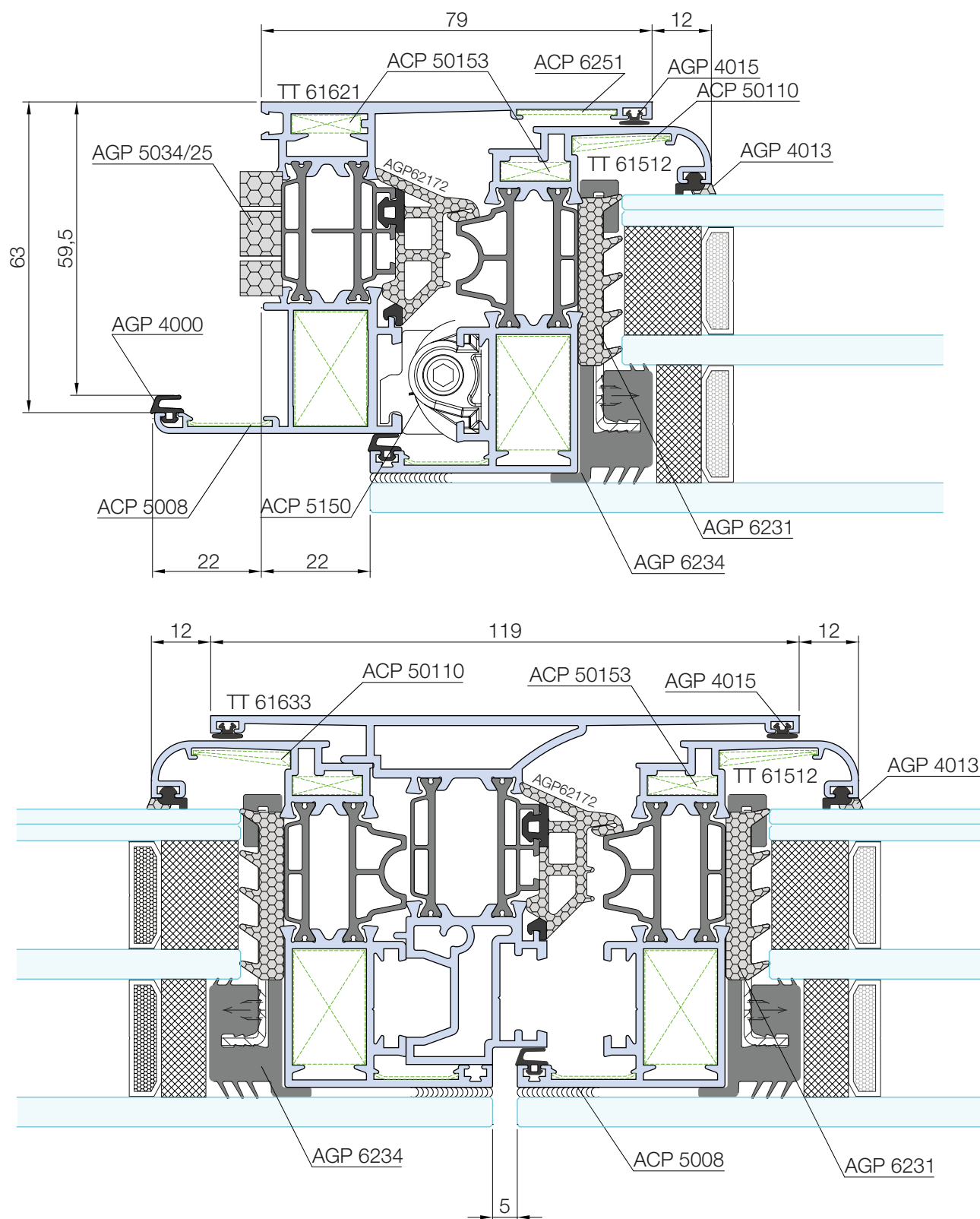
inner opening - tilt and turn window - central section



NODO 3

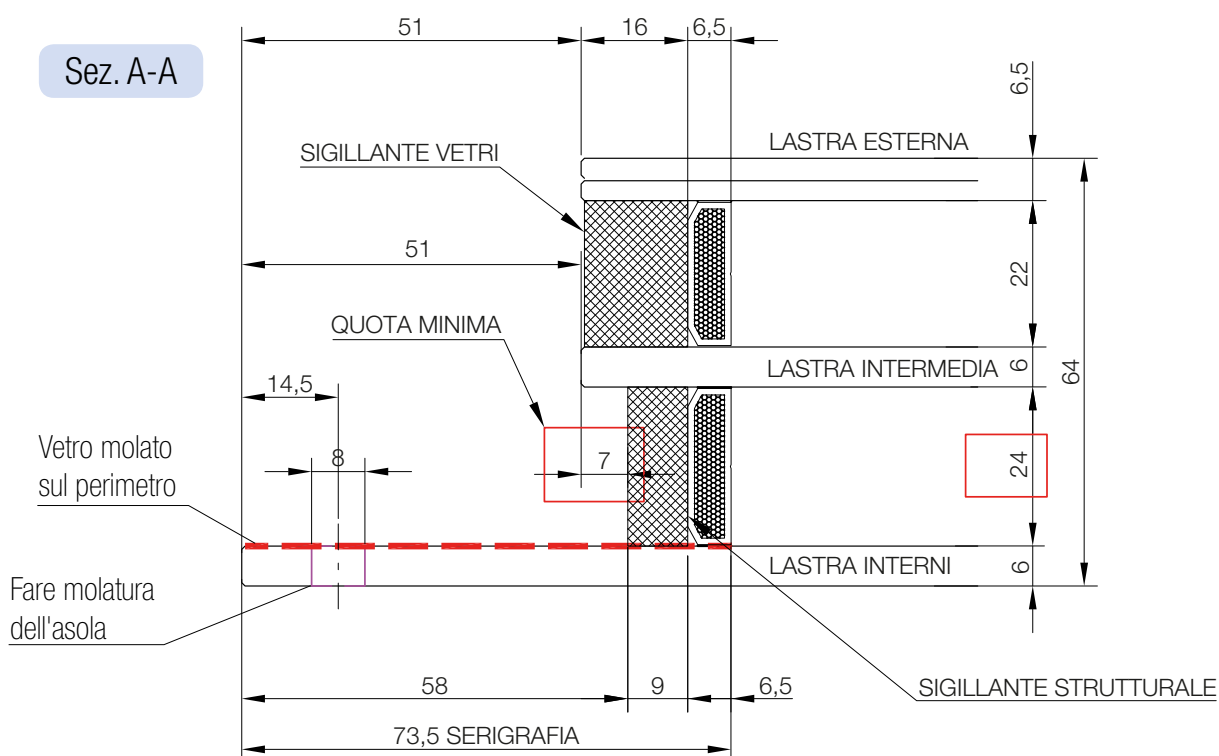
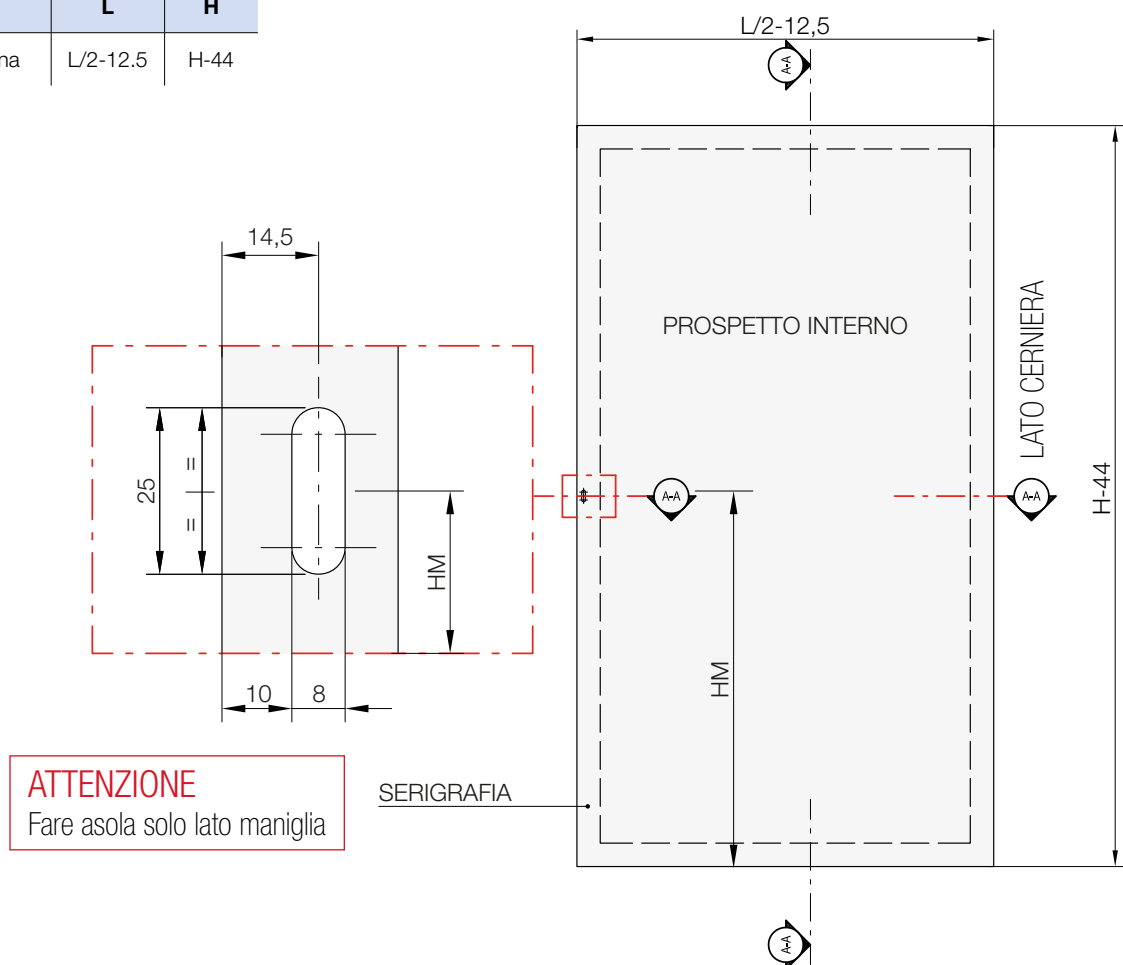
Apertura interna - finestra a scomparsa - nodo laterale e centrale

inner opening - tilt and turn window - lateral and central section



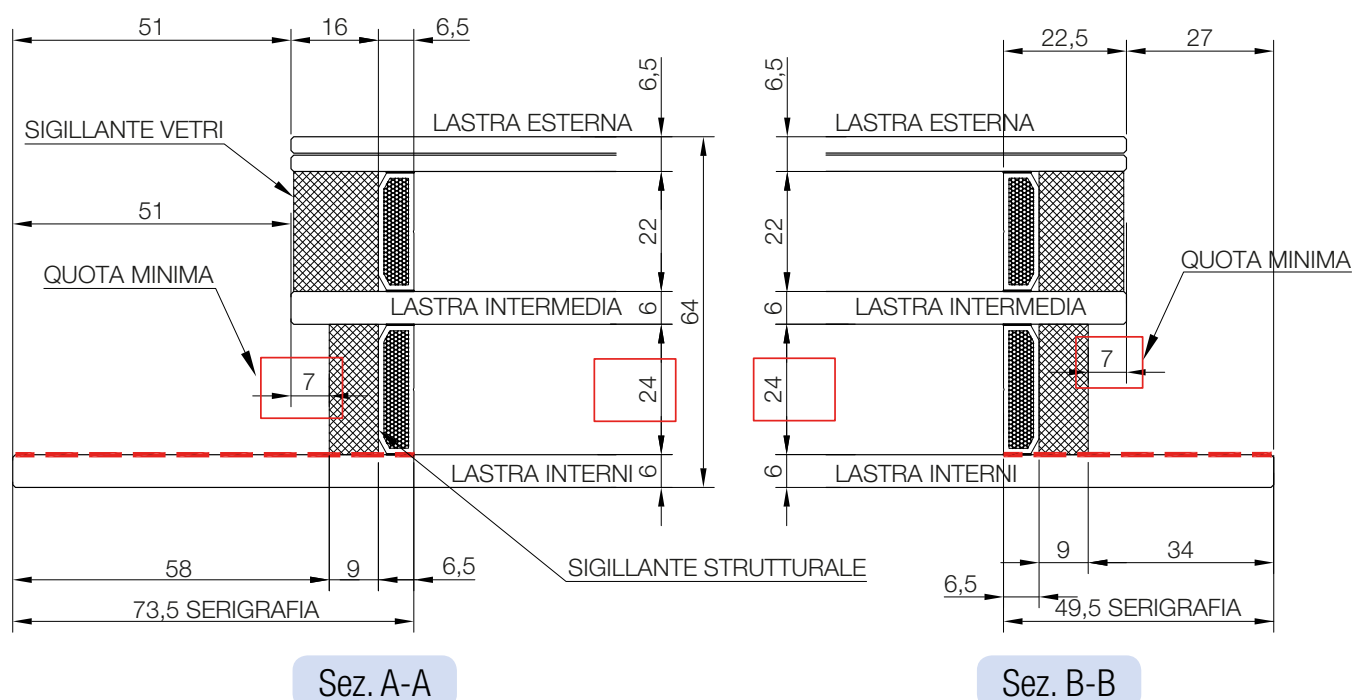
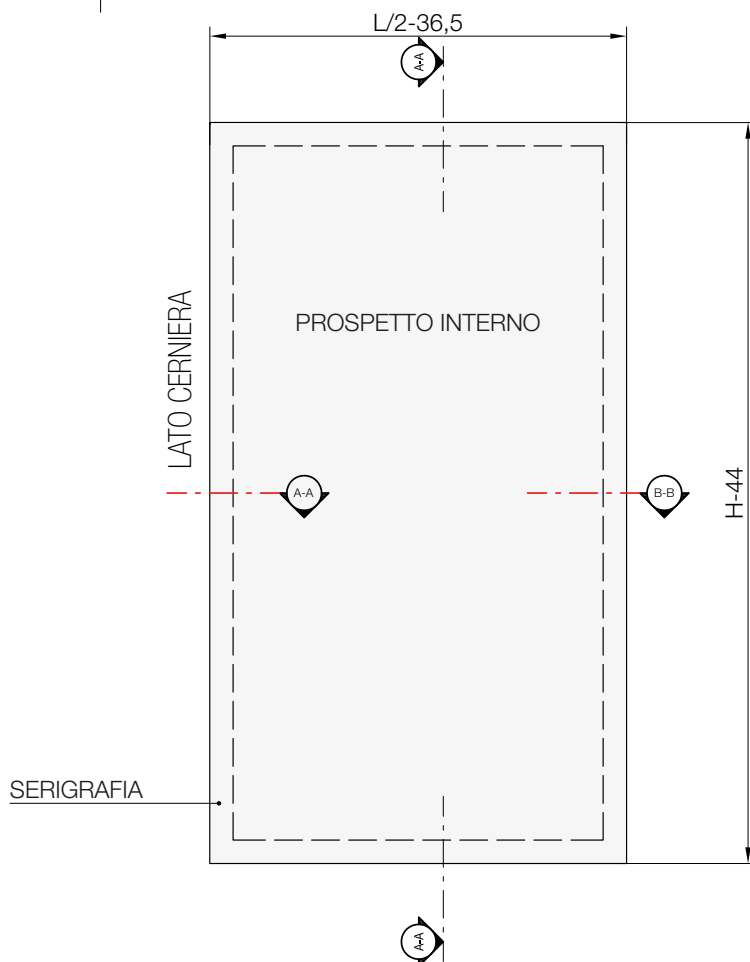
Anta principale, serramento a 2 ante

	L	H
Lastra interna	L/2-12.5	H-44



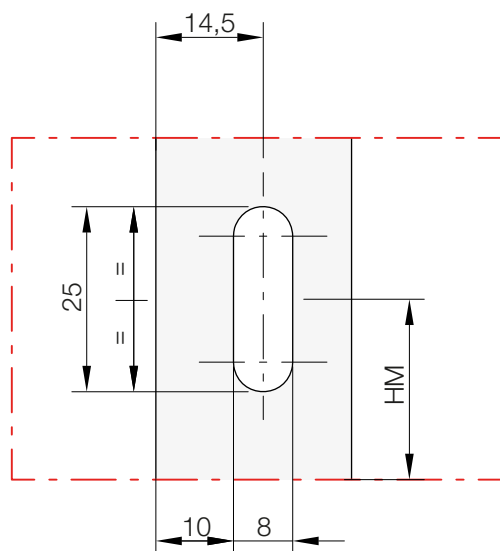
Anta secondaria, serramento a 2 ante

	L	H
Lastra interna	L/2-36,5	H-44



Anta singola, serramento mono-anta

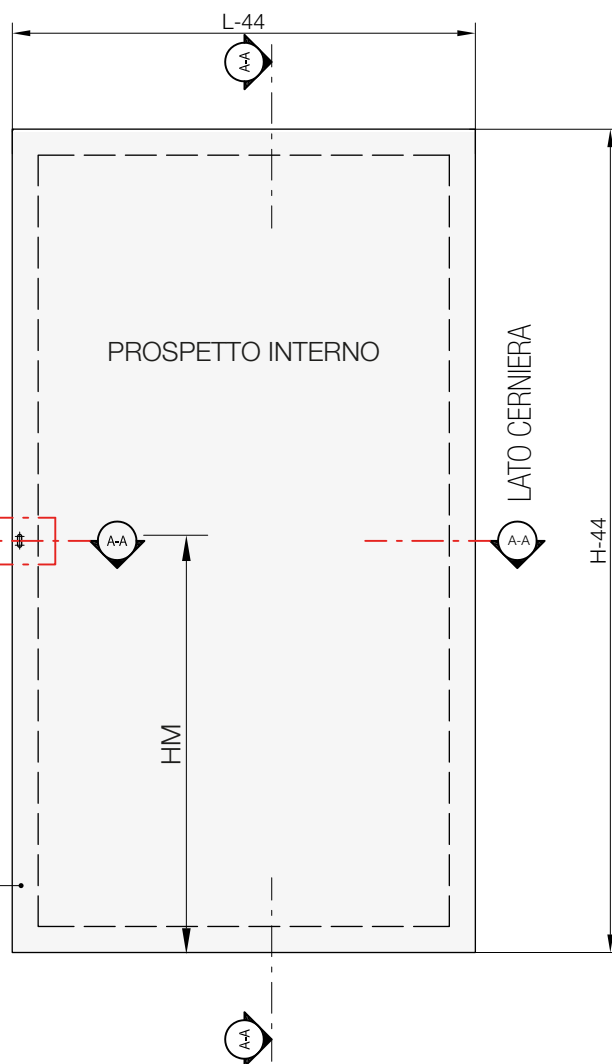
	L	H
Lastra interna	L-44	H-44



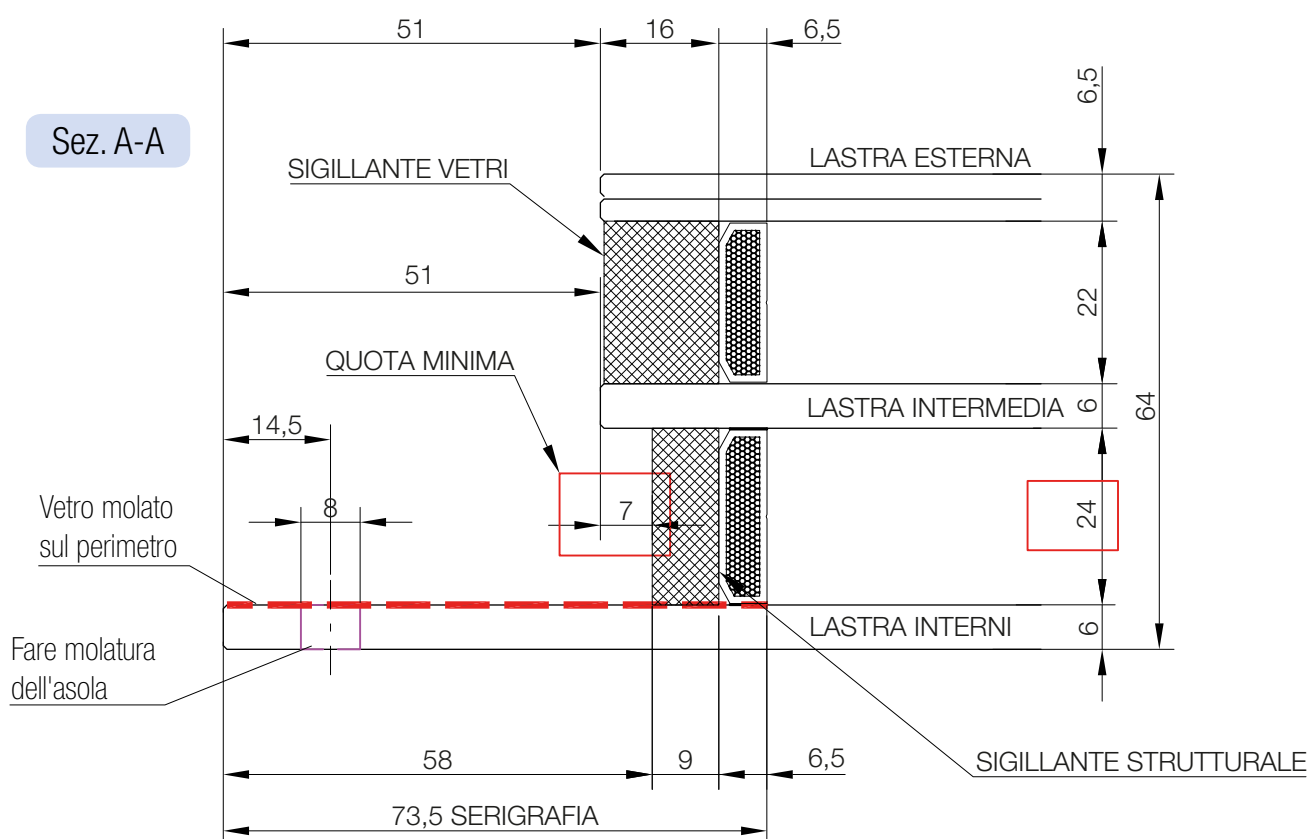
ATTENZIONE

Fare asola solo lato maniglia

SERIGRAFIA



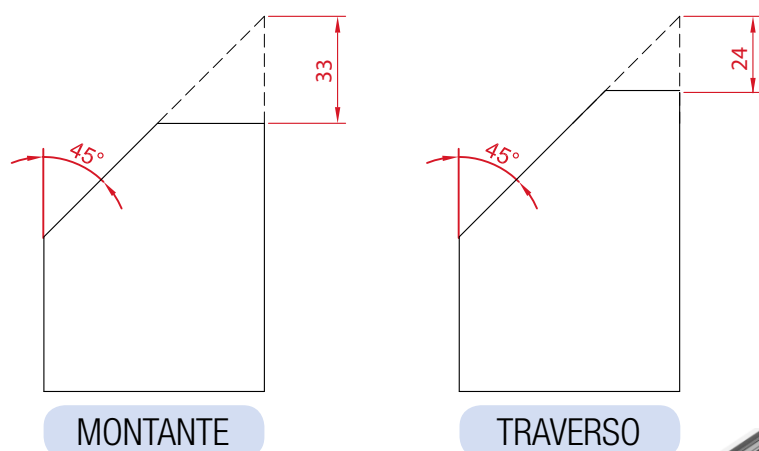
Sez. A-A



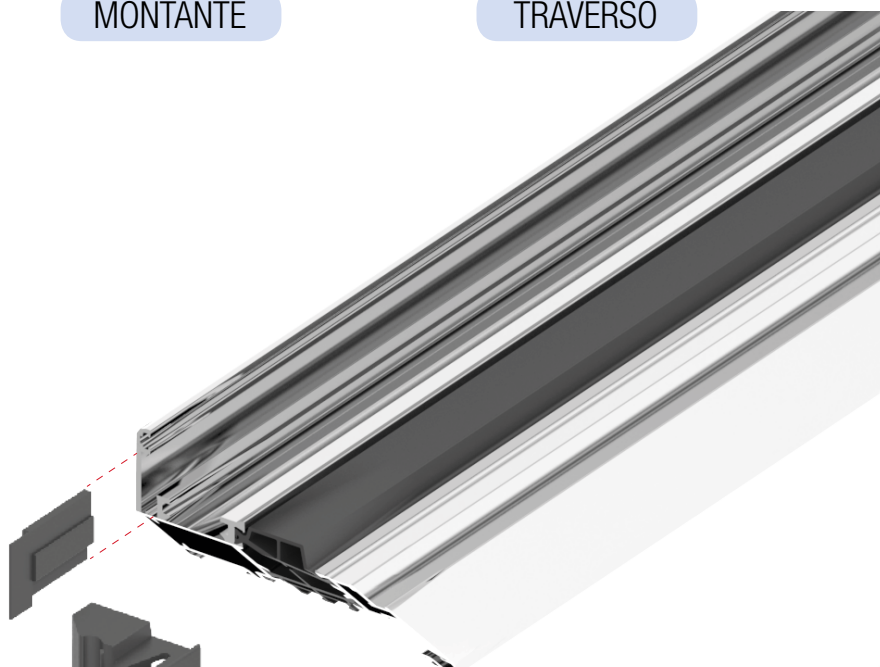
1

Montaggio tappo centrale T all'italiana ACP 50121M

ACP 50121M T italian central cap assembly

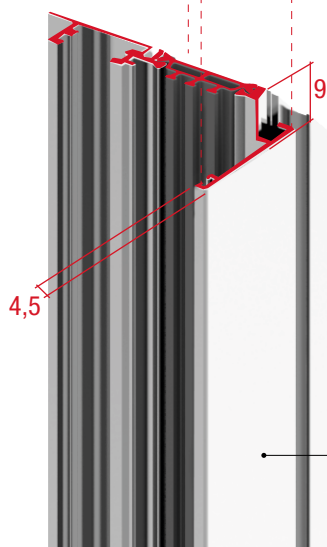


ACP 50121M



Dopo aver spuntato il montante come indicato in sezione (vedi sopra) eseguire fresata 9x4,5mm

After cutting mullion milled as shown in the figure, 9x4,5mm



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

Before installing astragal cap, seal areas shown on drawing

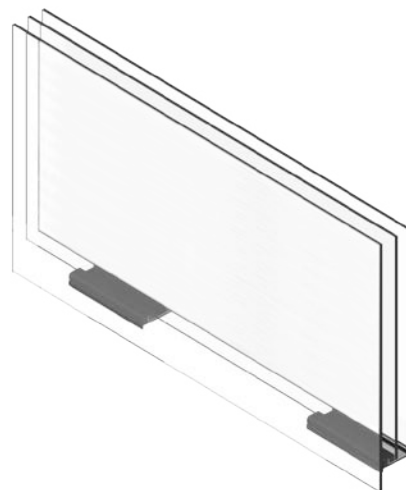
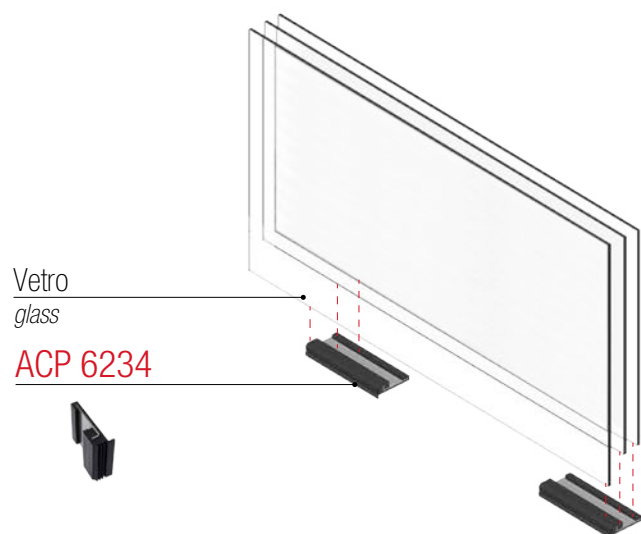
Riporto centrale
T all'italiana



2

Montaggio supporto vetro ACP 6234

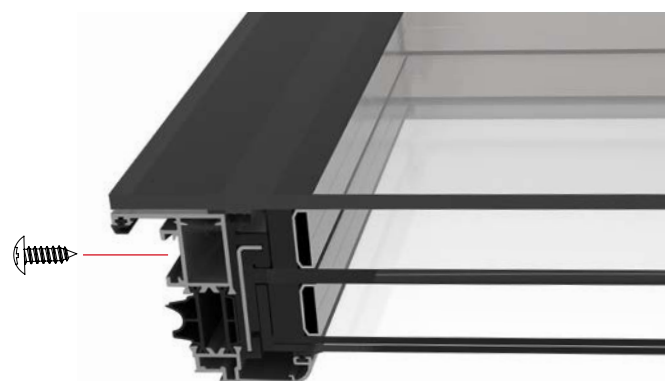
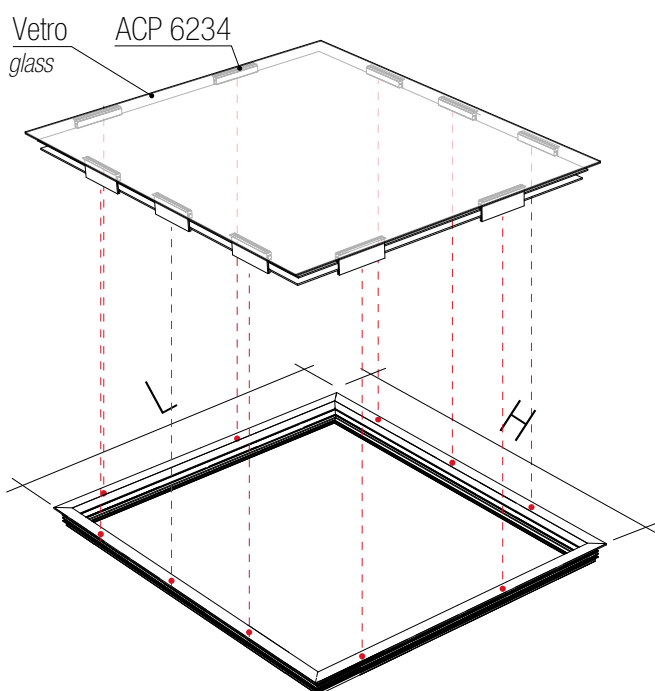
ACP 6234 glass support application



1

Inserire l'accessorio ACP 6234 a pressione in corrispondenza dell'intercalare vetro interno da 24mm.

Insert ACP 6234 beneath the 24mm internal glass spacer.



3

Dopo aver inserito il vetro, debitamente attrezzato di ACP 6234 nell'anta, fissare ciascun accessorio tramite viti autofilettanti TC croce 9,5X13, avendo l'accortezza di preforare in corrispondenza di ciascun fissaggio.

After having fitted the glass unit (with ACP 6234) in the leaf, do fix it by mean of 9,5X13 self-threading screws, screwed in pre-drilled holes.

2

Utilizzare l'accessorio ACP 6234 in quantità come sopraindicato: minimo 2 pezzi lungo i traversi orizzontali; minimo 3 pezzi lungo i montanti verticali.

Use ACP 6234 as shown above: at least 2 pieces for horizontal frames and 3 pieces for vertical frames.



4

Infine sigillare, con del silicone neutro, tutto il perimetro dell'anta tra profilo di alluminio e vetro.

Seal the whole perimeter of the leaf between frame and glass



PLANET **b2Hi**

Traccia per capitolato

Infissi in alluminio realizzati con la serie taglio termico Planet 62 Hi, con anta a scomparsa, con sistema di tenuta a giunto aperto con guarnizione centrale di forma tubolare e materiale coestruso, espanso/compatto. I profilati sono estrusi in lega di alluminio EN AW-6060 (UNI EN 573-3), stato di fornitura T5 e T6 conformi alla norma UNI EN 515 con tolleranze dimensionali e spessori conformi alla norma UNI EN 12020-2. L'isolamento termico sarà costituito da barrette esclusivamente tubolari a doppia camera da 28mm 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 67mm mentre le parti apribili avranno una profondità di 70.5mm. La parte apribile dovrà celarsi dietro l'aletta del telaio che dovrà completamente coprirlo in vista esterna. 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. 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 UNI EN 573-3. Lo stato di fornitura è in classe T5 e T6 secondo norma UNI EN 515. Le tolleranze dimensionali sono conformi alla UNI EN 12020-2. Lega secondo la formula ALSistem.

Caratteristiche tecniche e dimensionali

Aspetto visivo esterno: anta a scomparsa

Aspetto visivo interno: sormonto di 8mm

Profilati: estrusi in lega leggera EN AW-6060 (UNI EN 573-3) anodizzabili e verniciabili. Lega secondo la formula ALSistem.

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

Sistema di isolamento termico: realizzato con distanziali in poliammide da 28mm 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: 67mm

Profondità anta: 70,5mm

Tubolarità profili finestra: 15mm

Fissaggio vetri: con fermavetro esterno nascosto da guarnizione cingivetro

Spazio vetro o pannello nei telai fissi: da 22mm a 60mm

Spazio vetro o pannello nelle ante: 47mm

General specifications

Thermal break Aluminium frames Planet 62 Hi for windows with central gasket. The profiles are extruded in aluminium alloy EN AW-6060 (UNI EN 573-3), supply condition T5 and T6 in accordance with standard UNI EN 515 with dimensional tolerances and thicknesses compliant with standard UNI EN 12020-2. The thermal insulation will consist of 28mm polyamide 6.6 strips reinforced 25% with fibreglass; 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 67mm deep, whilst the openable parts shall be 70,5mm deep the sash shall be hidden behind frame flap from outside view. The sealing system shall be with a central EPDM gasket with 4.5 onverlat on the sloping surface of the sash profile; the central gasket must be connected at the corners with the appropriate vulcanised corners. The profiles have been designed with straight or 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 solely and exclusively with original glazing bead gaskets. Appropriate drainage holes must be provided 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 solely and 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 neutralsealants. 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 UNI EN 573-3. The supply condition is within class T5 and T6 in accordance with standard UNI EN 515. UNI EN 12020-2. Alloy according to ALSistem formula.

Technical and dimensional characteristics

External visual appearance: hidden leaf

Internal visual appearance: flush or overlapping 8mm

Profiles: light alloy EN AW-6060 (UNI EN 573-3) extrusions; they can be anodised and painted. Alloy according to ALSistem formula.

Sealing system: central gasket pre-chamber, with EPDM

Thermal insulation system: made using 28mm polyamide tubular spacers

Accessory system: ALSistem original

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: 67mm

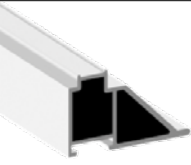
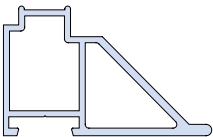
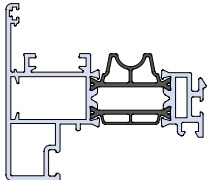
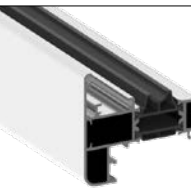
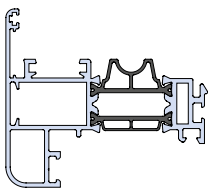
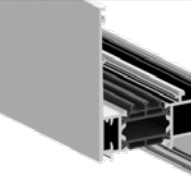
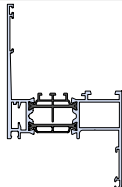
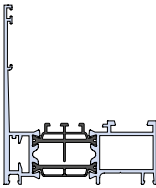
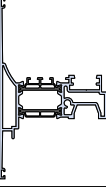
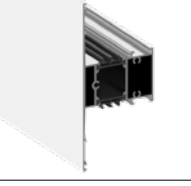
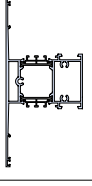
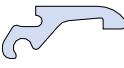
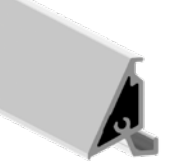
Leaf depth: 70,5mm

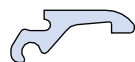
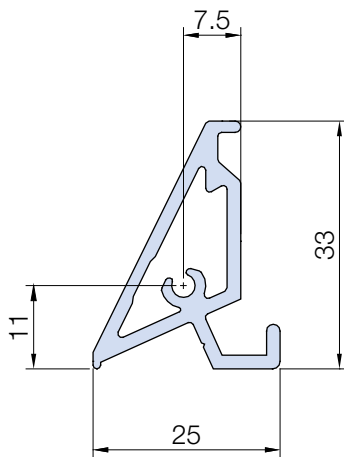
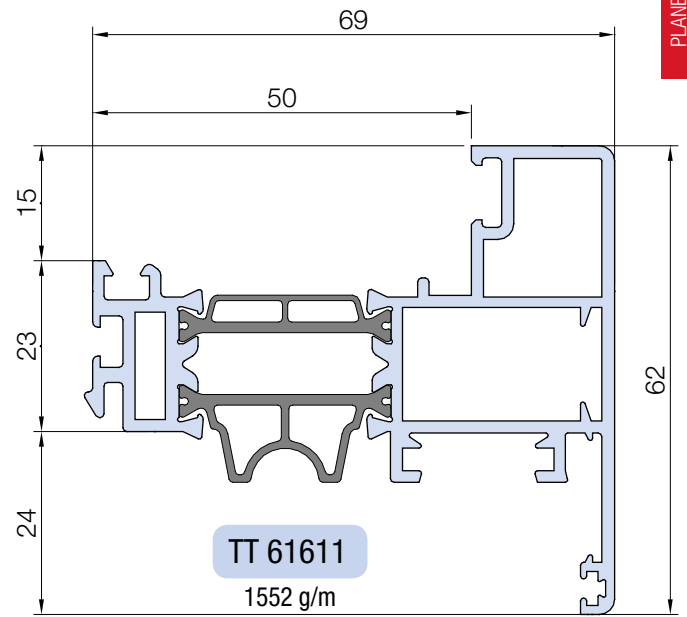
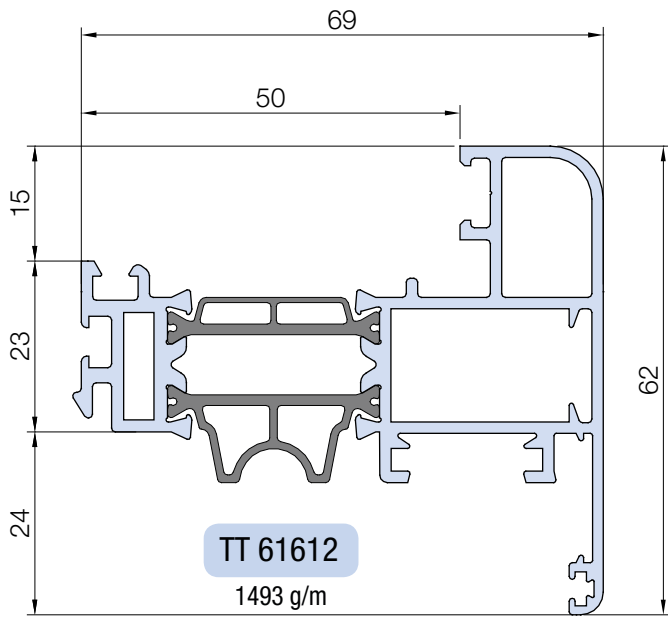
Tubularity of window profiles: 15mm

Glass fastening: external glass beading

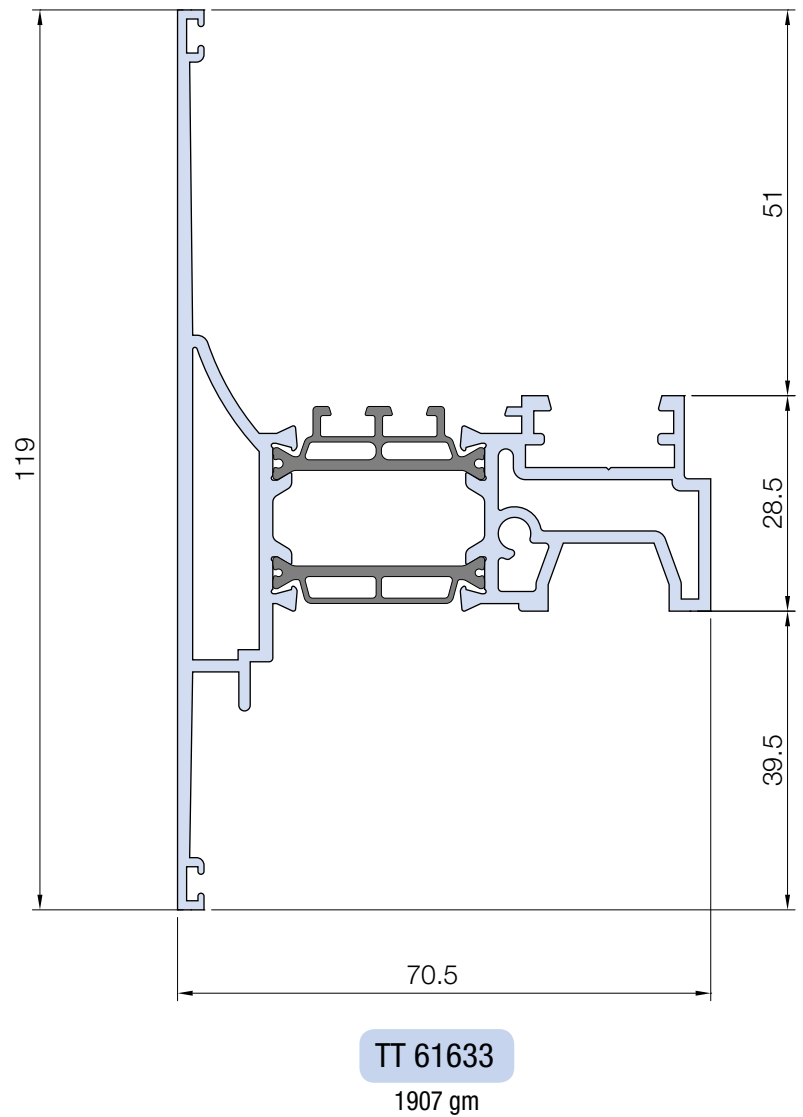
Space for glass or panel in fixed frames: from 22mm to 60mm

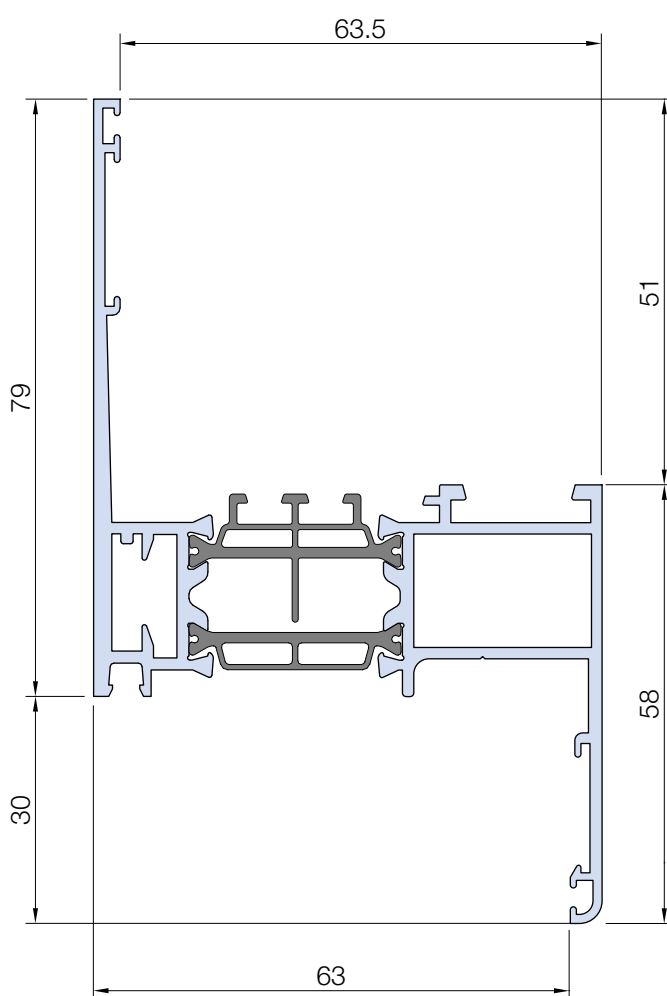
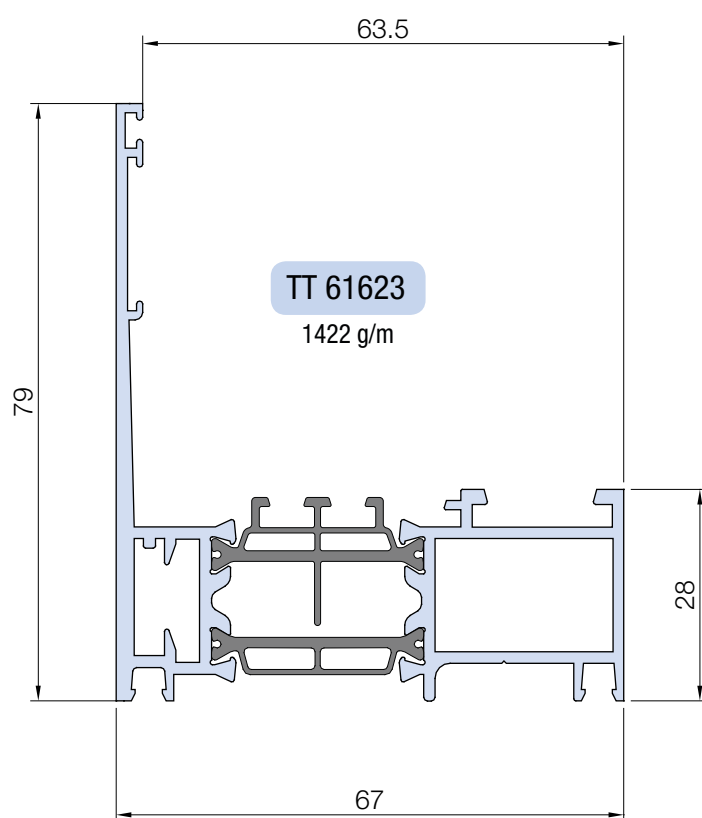
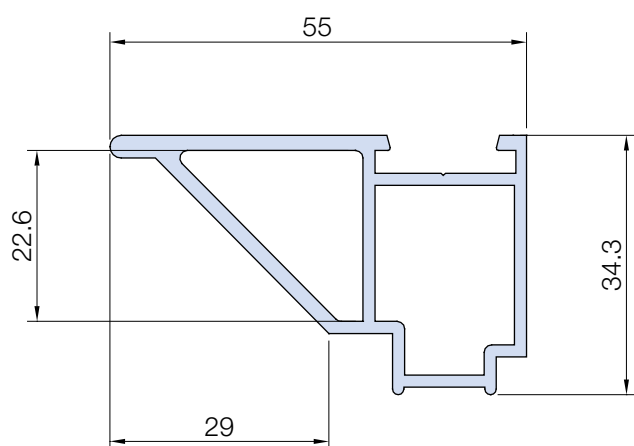
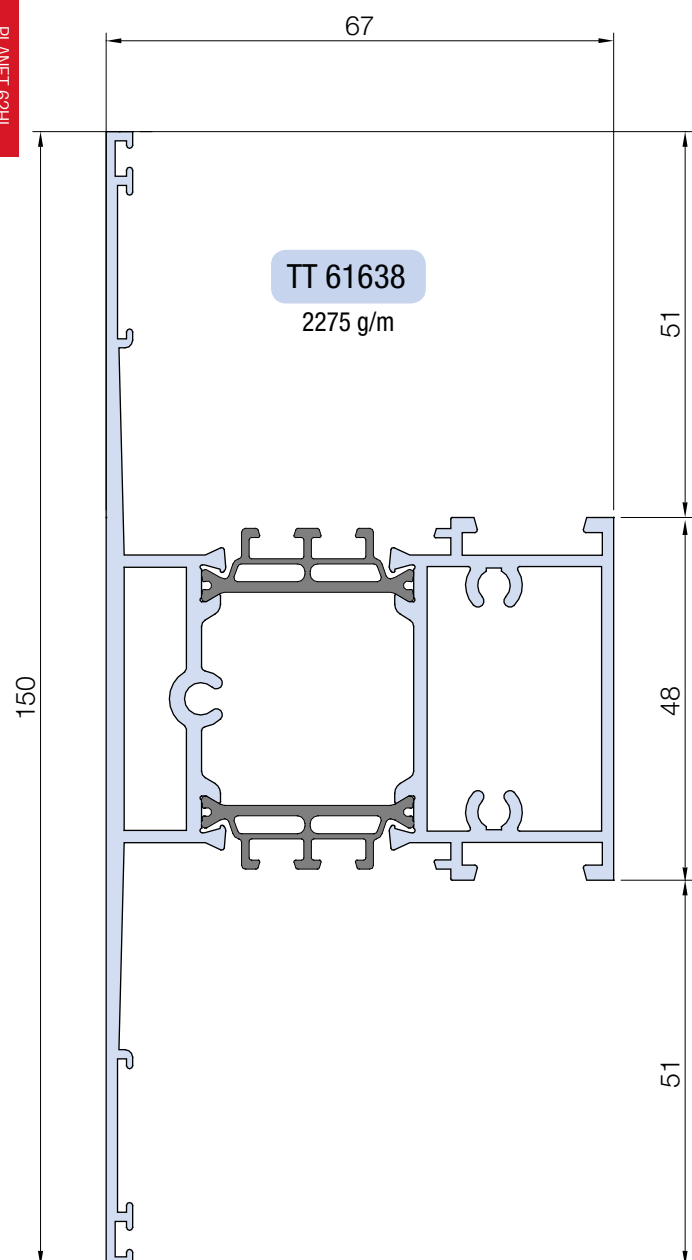
Space for glass or panel in leaves: 47mm

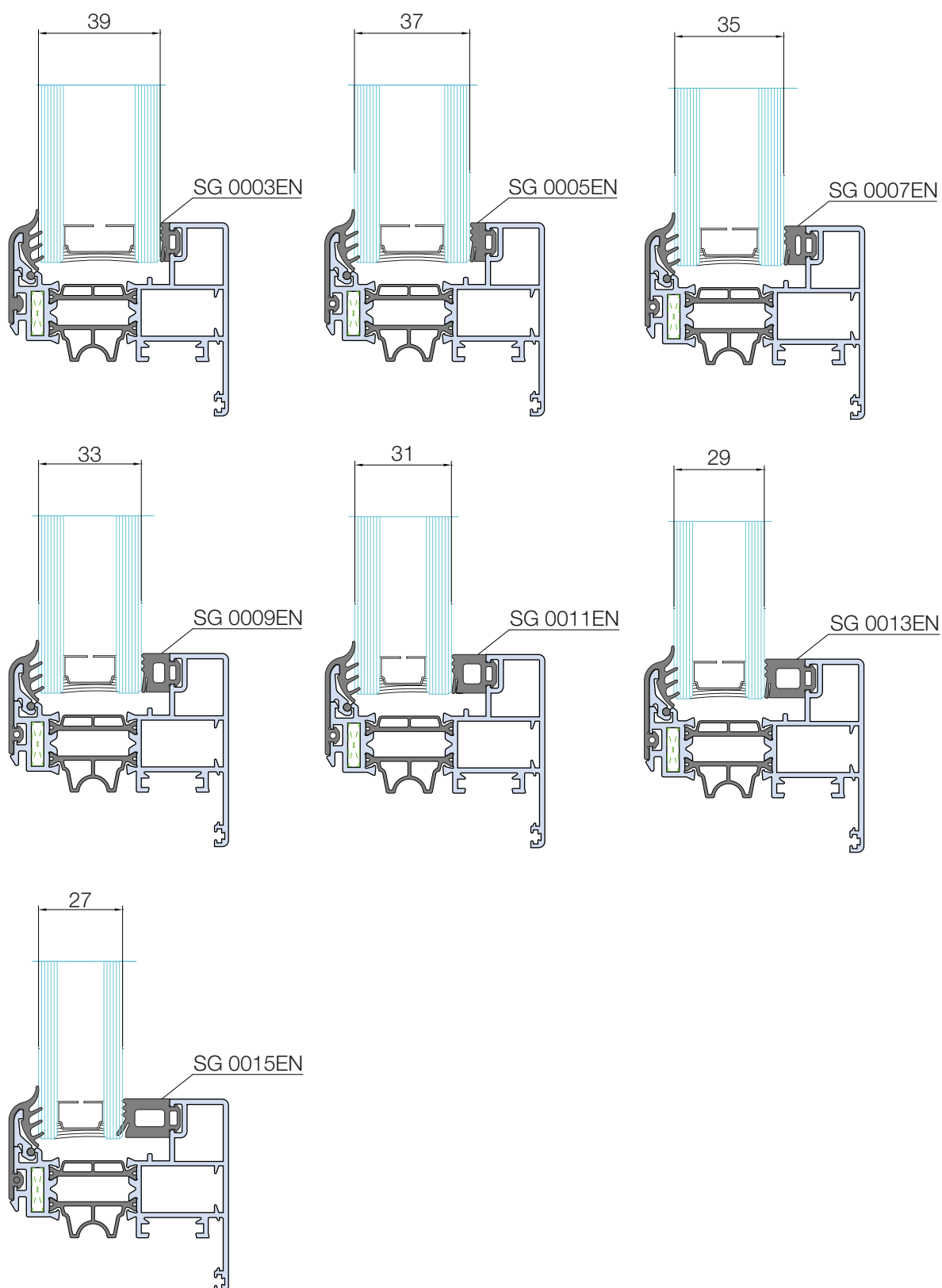
	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		TT 6505	Profilo di compenso per specchiature fisse <i>adjustment profile for fixed mirrors</i>	687	-
		TT 61611	Anta retta <i>flat leaf</i>	1552	10.52 33.55
		TT 61612	Anta raggiata <i>round leaf</i>	1493	9.58 32.07
		TT 61621	Telaio a Z Battuta 30, spalla 63mm <i>Z frame for concealed sash</i>	1530	-
		TT 61623	Telaio a L <i>L frame for concealed sash</i>	1422	-
		TT 61633	Riporto centrale <i>astragal for sash</i>	1907	32.81 40.87
		TT 61638	Traverso da 150mm <i>150mm transom for concealed sash</i>	2278	-
		PL 2111	Fermavetro <i>glazing bead for concealed sash</i>	107	-
		PL 20104	Gocciolatoio per porte finestre con soglia ribassata <i>drip infor door window</i>	515	-



PL 2111
107 g/m







ACCESSORI SPECIFICI PER PLANET 62 HI IN AGGIUNTA A QUELLI UTILIZZABILI SUL PLANET 62 PLUS

**AGP 4136**

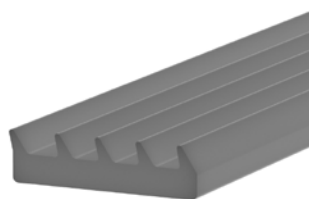
Guarnizione vetro esterna
Cfz: 50m

*External seal
Pkg: 50m*

**ACP 6252**

Tappo per gocciolatoio
PL20104
Cfz: 100cps

*Drip fin plug
Pkg: 100pcs*

**AGP 6231**

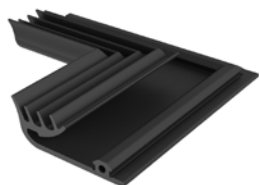
Guarnizione sottovetro in
espanso. Applicazione con
biadesivo.
Cfz: 100m

*Seal under glass foam. Application with
adhesive.
Pkg: 100m*

**ACP 62379**

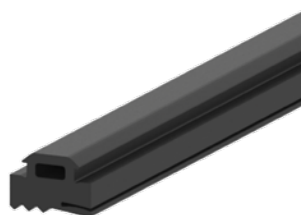
Tappo riporto centrale per
anta scomparsa
NB: sigillare il tappo al
profilo
Cfz: 8cp

*Astragal plug.
N.B. seal the cap to profile
Pkg: 8pairs*

**AGP 6236**

Angolo vulcanizzato per
AGP 4136
Cfz: 150pz

*Vulcanized corner piece for AGP 4136
Pkg: 150pcs*

**SG0003EN**

Guarnizione vetro interna
spessore vetro 39mm
Cfz: 150m

*Inner glazing bead seal glass thickness
39mm
Pkg: 150m*

**ACP 6250**

Cavallotto di allineamento
per traverso TT 61628
Cfz: 100pz

*Alignment T joint for TT61628
Pkg: 100pcs*

**SG0005EN**

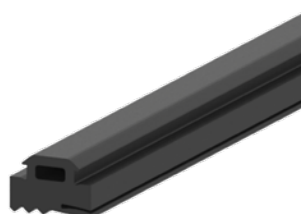
Guarnizione interna
spessore vetro 37mm
Cfz: 100m

*Inner glazing bead seal glass thickness
37mm
Pkg: 100m*

**ACP 6251**

Squadretta di allineamento
telaio
Cfz: 250pz

*Alignment corner
Pkg: 250pcs*

**SG0007EN**

Guarnizione interna
spessore vetro 35mm
Cfz: 100m

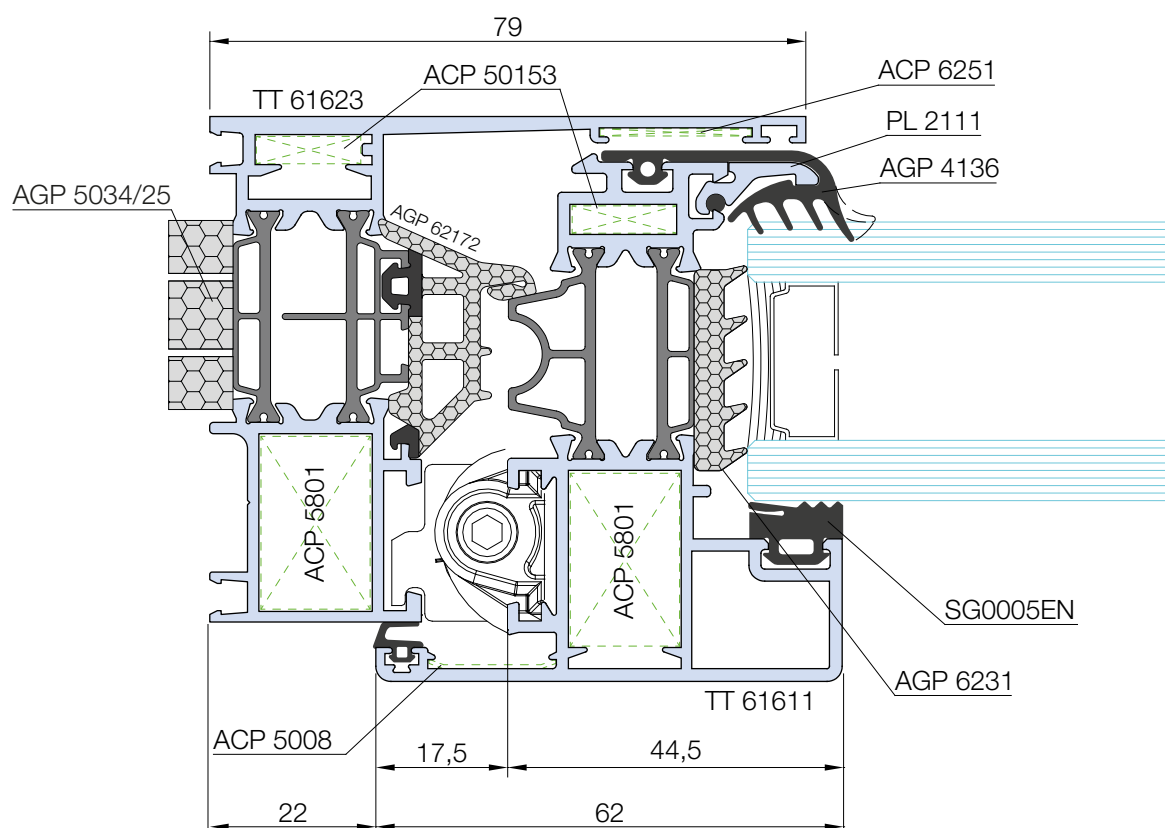
*Inner glazing bead seal glass thickness
35mm
Pkg: 100m*

	SG0009EN Guarnizione interna spessore vetro 33mm Cfz: 100m <i>Inner glazing bead seal glass thickness 33mm Pkg: 100m</i>
	SG0011EN Guarnizione interna spessore vetro 31mm Cfz: 100m <i>Inner glazing bead seal glass thickness 31mm Pkg: 100m</i>
	SG0013EN Guarnizione interna spessore vetro 29mm Cfz: 75m <i>Inner glazing bead seal glass thickness 29mm Pkg: 100m</i>
	SG0015EN Guarnizione interna spessore vetro 27mm Cfz: 75m <i>Inner glazing bead seal glass thickness 27mm Pkg: 100m</i>

NODO 1

Apertura interna - finestra anta ribalta - nodo laterale

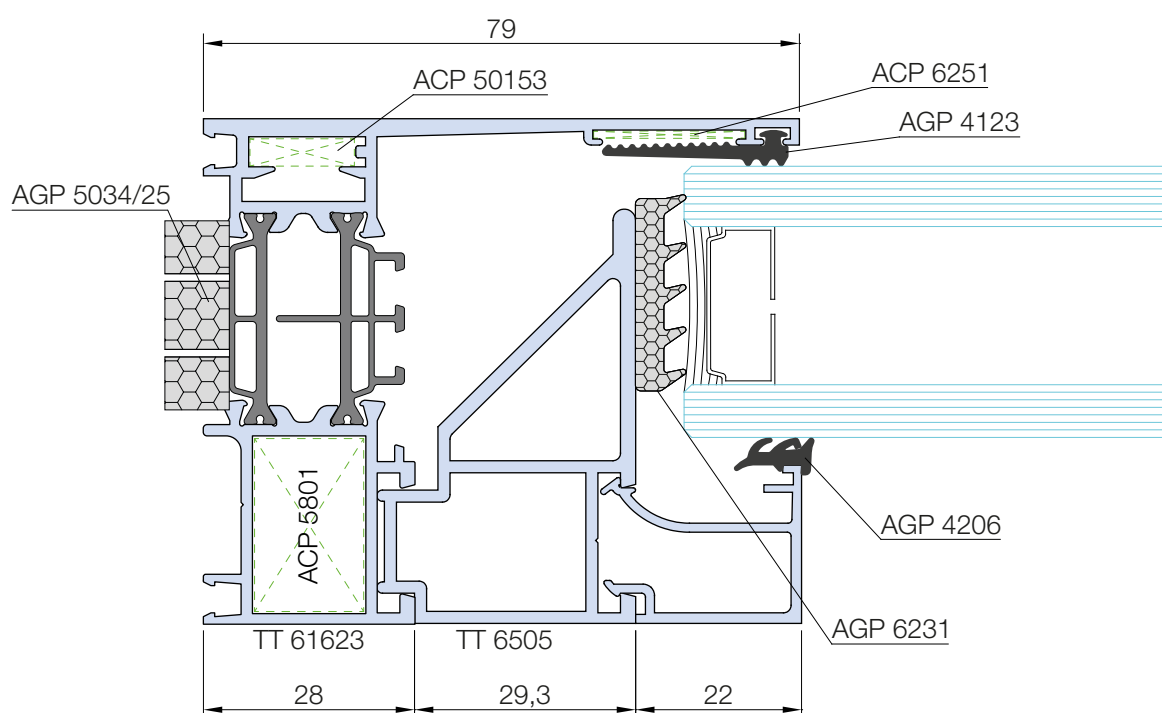
inner opening - tilt and turn window - lateral section



NODO 2

Finestra fissa

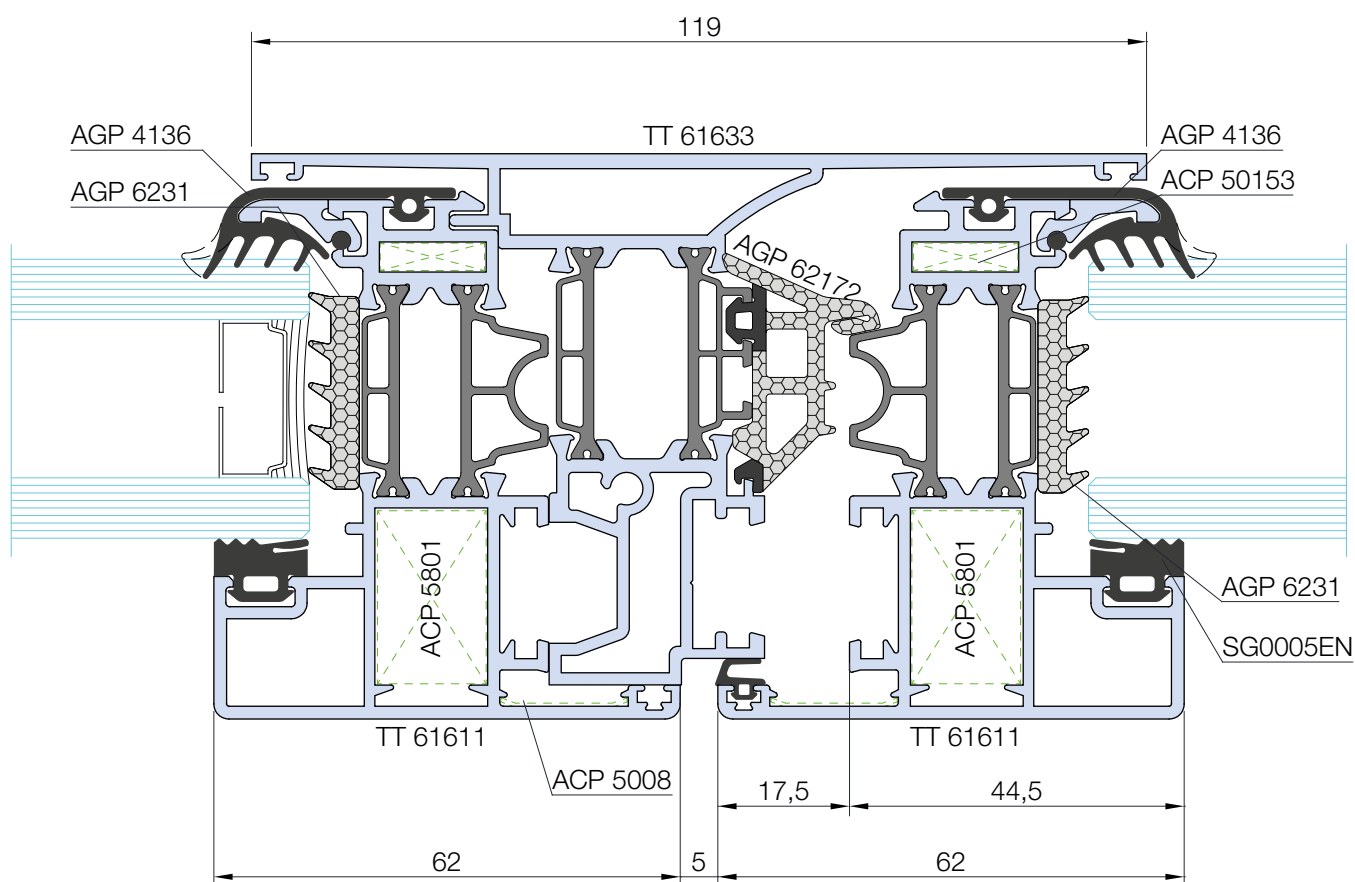
Fixed windows



NODO 3

Apertura interna - finestra anta ribalta - nodo centrale

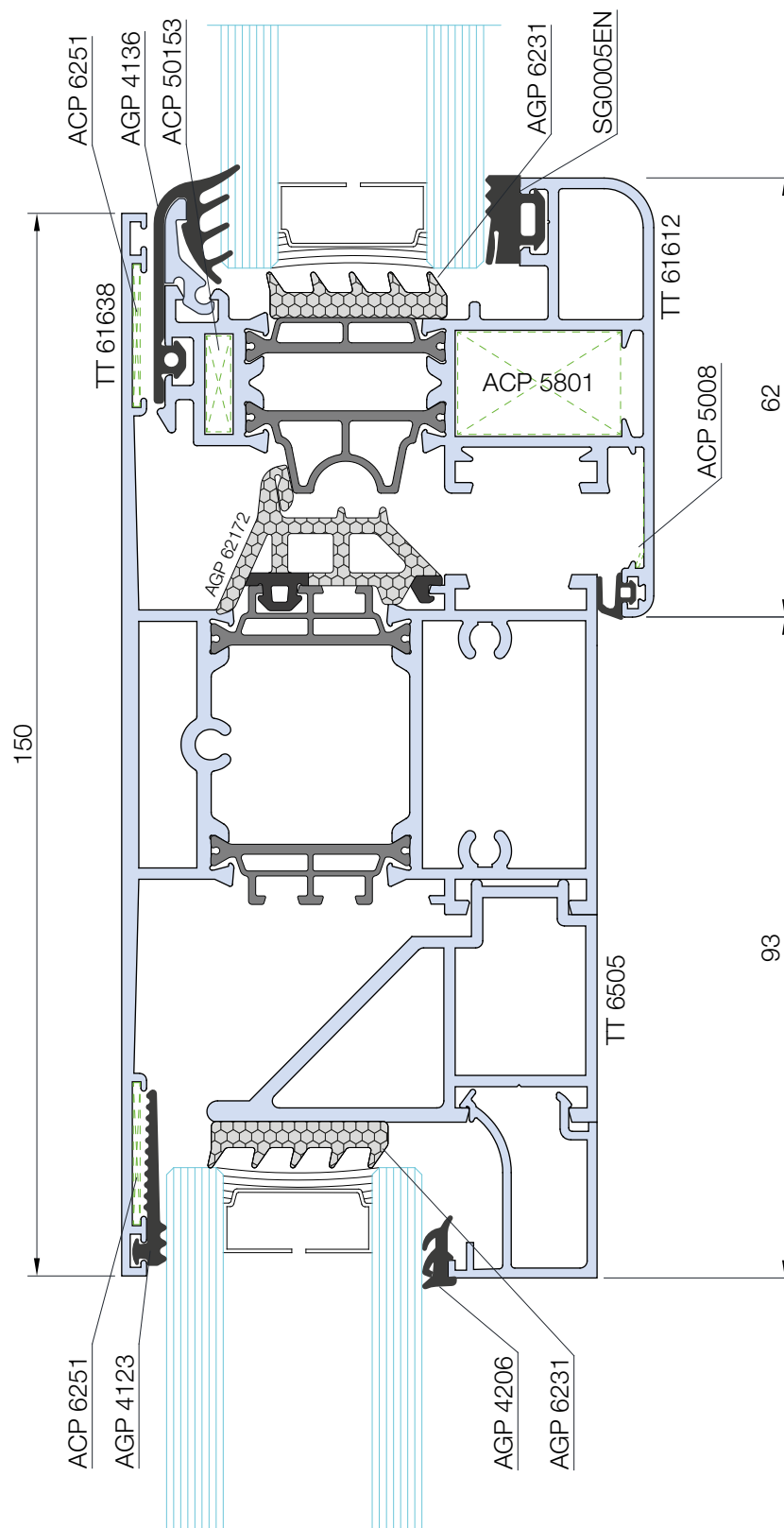
inner opening - tilt and turn window - central section



NODO 4

Finestra a nastro - nodo fisso/ apribile

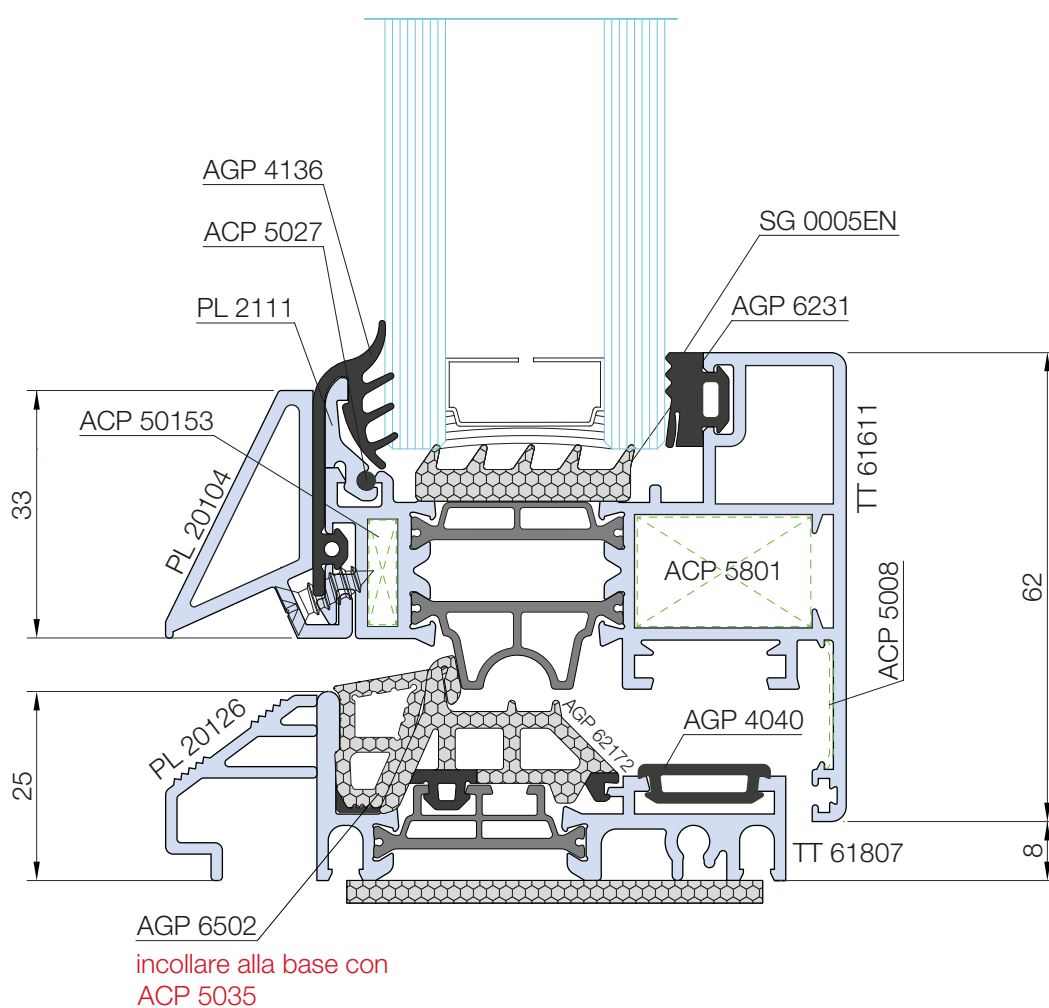
Ribbon window - fix/ extendible section



NODO 5

Apertura interna - nodo soglia ribassata

inner opening - threshold section



1

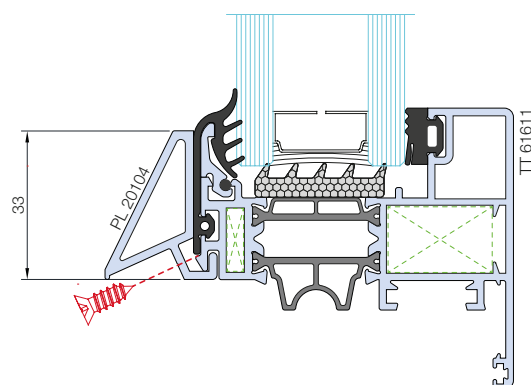
Montaggio gocciolatoio PL 20104

Assembly PL 20104



1 Dopo aver tagliato a misura
il gocciolatoio avvitarlo all'anta

After cutting the drip screw down to profile



ACP 6252

2 Inserire il tappo ACP 6252
avvitandolo al profilo

Screw down ACP 6252 to profile



2

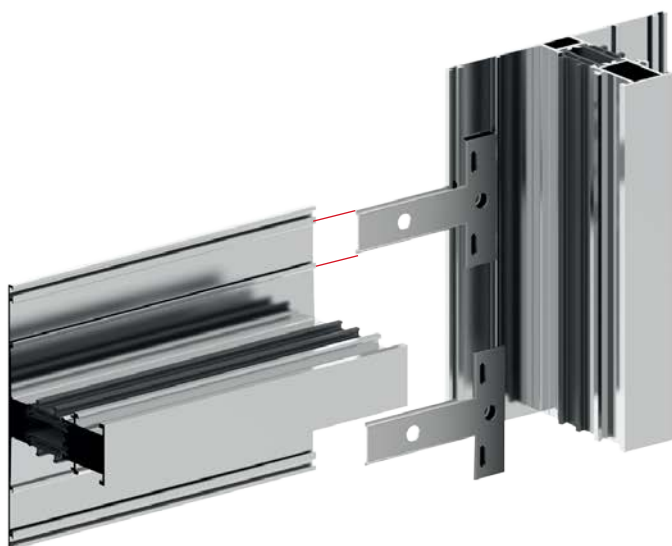
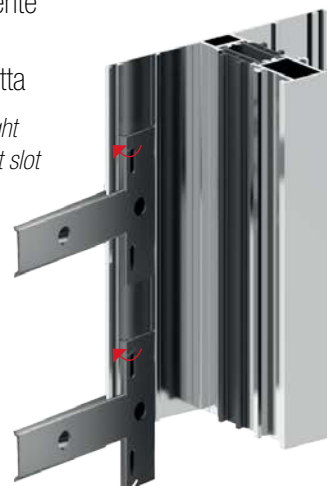
Montaggio ACP 6250

ACP 6250 assembly

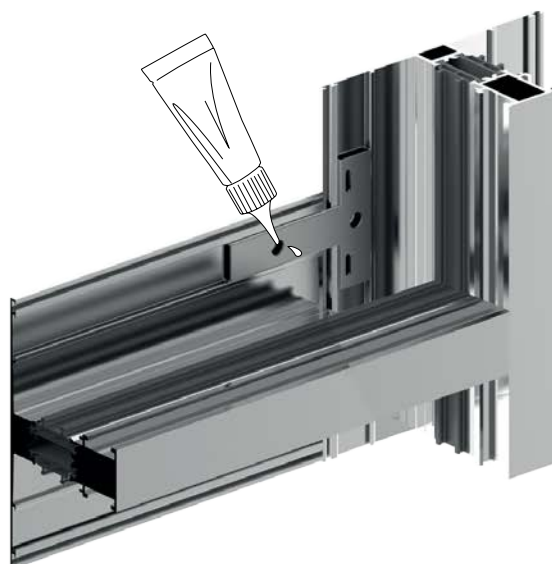
ACP 6250



- 1 Inserire i cavallotti frontalmente sul montante facendoli scattare nella cava squadretta
Insert the bolts on the front upright making them snap in the bracket slot



- 2 Inserire il traverso, dopo averlo intestato, infilando i cavallotti nella cava squadretta
After insert transon



- 3 Per rendere più saldo l'ancoraggio incollare attraverso il foro
To make firmer anchoring paste through the hole

Montaggio tappo di riporto centrale ACP 62379

ACP 62379 cap assembly



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

Before installing astragal cap, seal areas shown on drawing



- 2 Avvitare con vite TC-CE4,8
After sealing tighten with TC-CE4,8

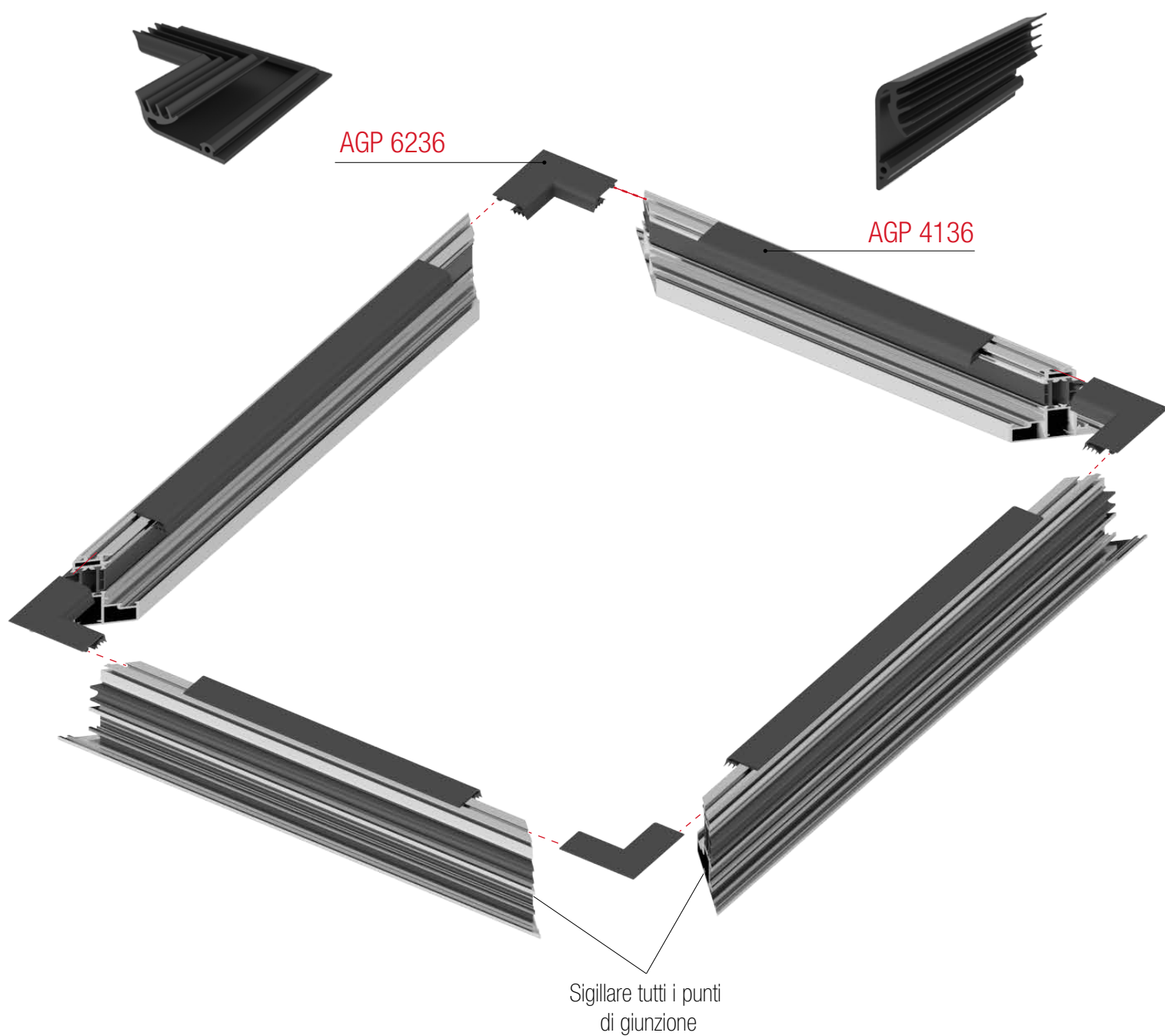
4

Montaggio AGP 6236 e AGP 4136

AGP 6236 and AGP 4136 assembly

Dopo aver inserito il vetro e il fermavetro, inserire i 4 angoli vulcanizzati AGP 6236; in seguito inserire la guarnizione AGP 4136 incollando le zone di giunzione.

After entering the glass and the glazing bead, insert the 4 corners vulcanized AGP 6236; later insert the gasket AGP 4136 pasting the joint areas.



AGGIORNAMENTI CATALOGO



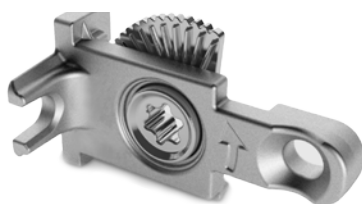
Info prodotto 1709

27.04.2017

LAVORAZIONE APPLICAZIONE ACP 50425

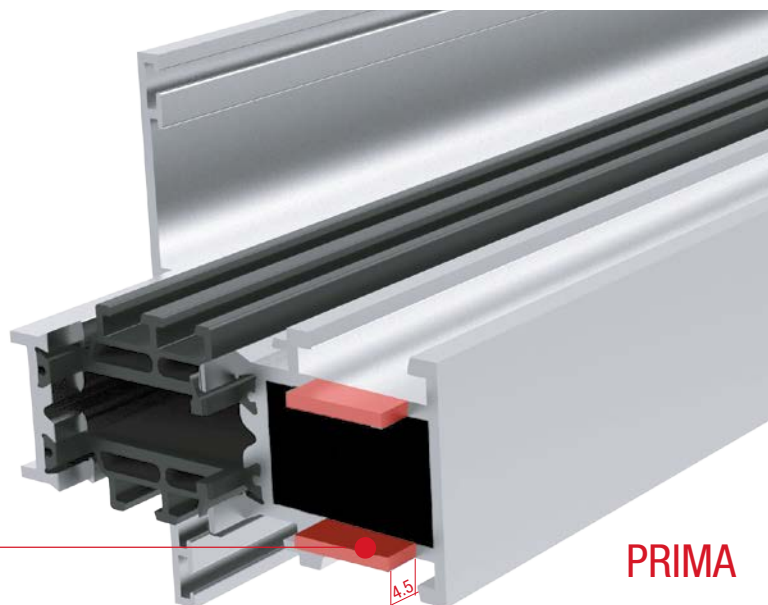
applicazione cavallotto cava fermavetro

Per l'applicazione del cavallotto cava fermavetro è necessario **asportare l'aletta** come indicato in figura, **implementando la lavorazione effettuata con il Gruppo frese**.

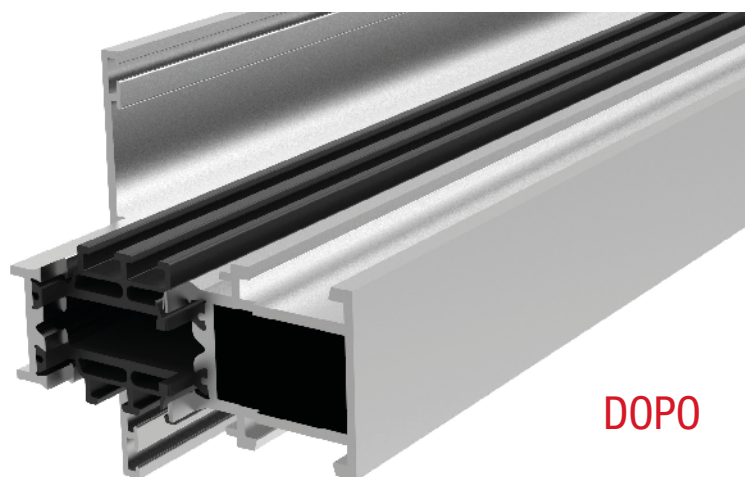


ACP 50425

Asportare le Alette per la profondità di 4,5mm per montare il cavallotto ACP 50425



PRIMA



DOPO

EasyDoor	
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	●
Nathura 59	
Nathura 70	
Nathura 82	
Nathura 92	
Slide 60	
Slide 65	
Slide 80/106	
Topslide 160	
Slidewood 160	
Topslidewood 214	
Panoramico	
Balconi e balaustre	



Info prodotto 1721

06.12.2017

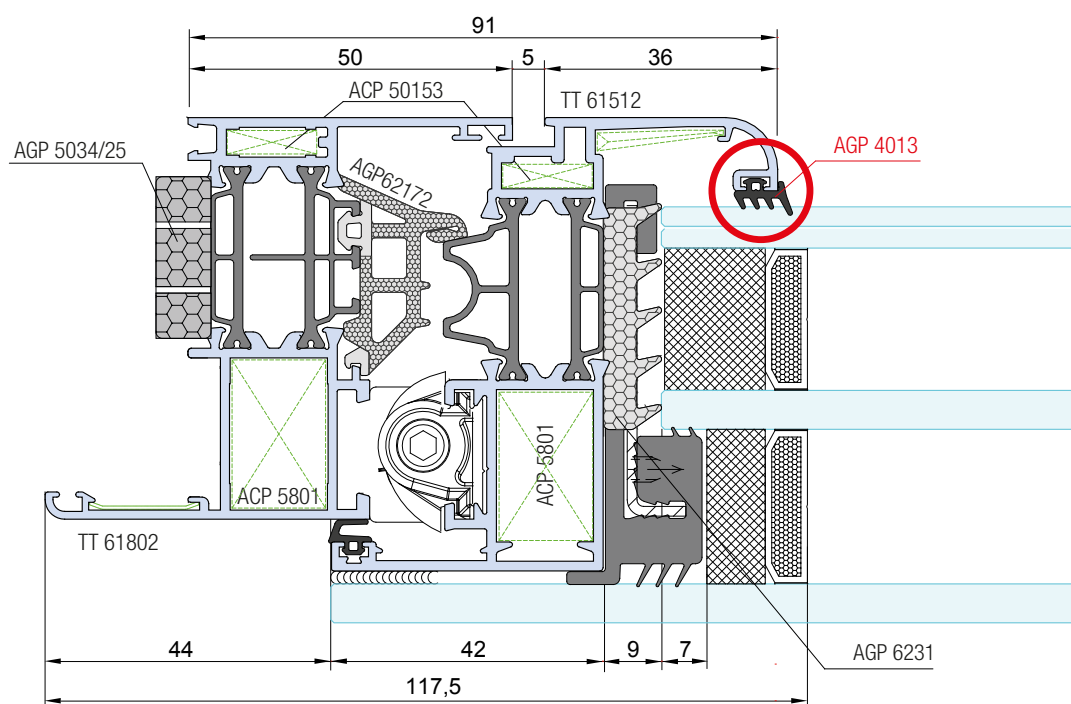
it's my window

FULLGLAZING

note pratiche per l'officina

Di seguito alcune **note e consigli per la corretta produzione e posa** del sistema a tutto vetro interno Fullglazing.

1. Utilizzare la guarnizione vetro esterna AGP 4013.



EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre



Info prodotto 1721

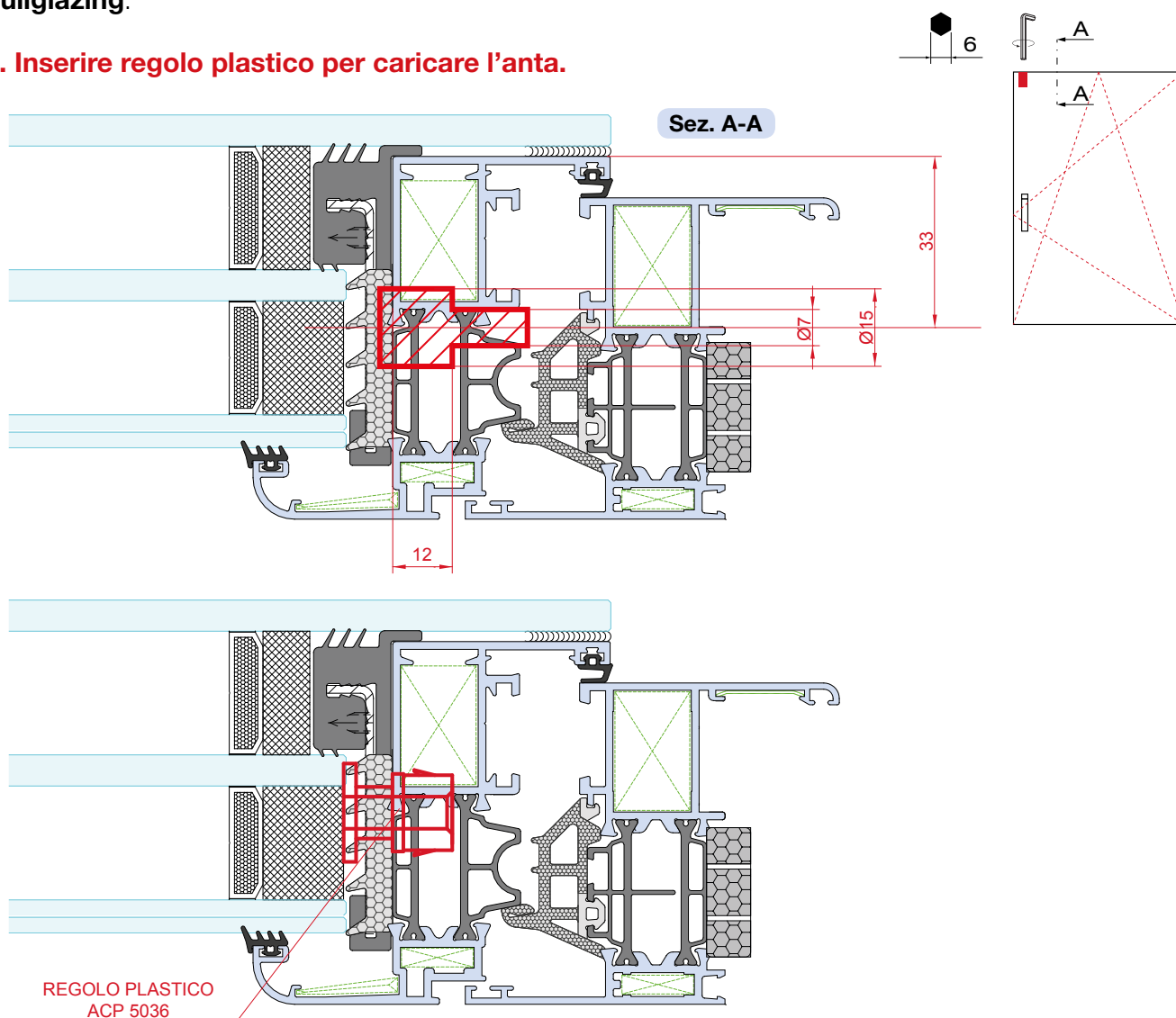
06.12.2017

FULLGLAZING

note pratiche per l'officina

Di seguito alcune **note e consigli per la corretta produzione e posa** del sistema a tutto vetro interno Fullglazing.

2. Inserire regolo plastico per caricare l'anta.



EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre



Info prodotto 1721

06.12.2017

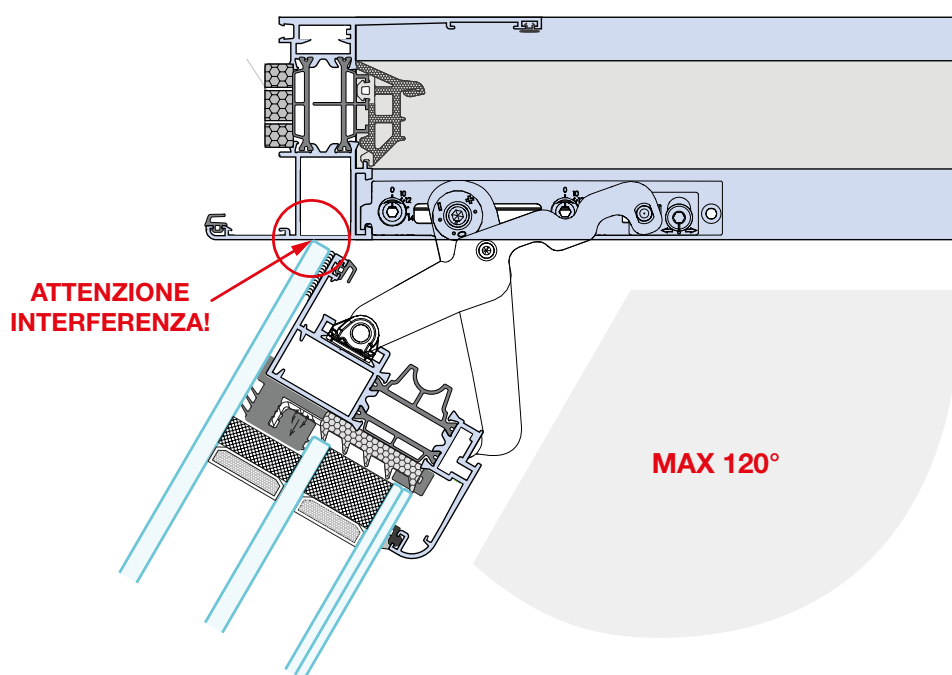


FULLGLAZING

note pratiche per l'officina

Di seguito alcune **note e consigli per la corretta produzione e posa** del sistema a tutto vetro interno **Fullglazing**.

3. Utilizzare braccio limitatore di apertura ACP 5016 regolato a 120°, per evitare interferenza del vetro contro il telaio.



EasyDoor
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
Nathura 59
Nathura 70
Nathura 82
Nathura 92
Slide 60
Slide 65
Slide 80/106 PLUS
Topslide 160
Slidewood 160
Topslidewood 214
Panoramico
Balconi e balaustre



Info prodotto 1721

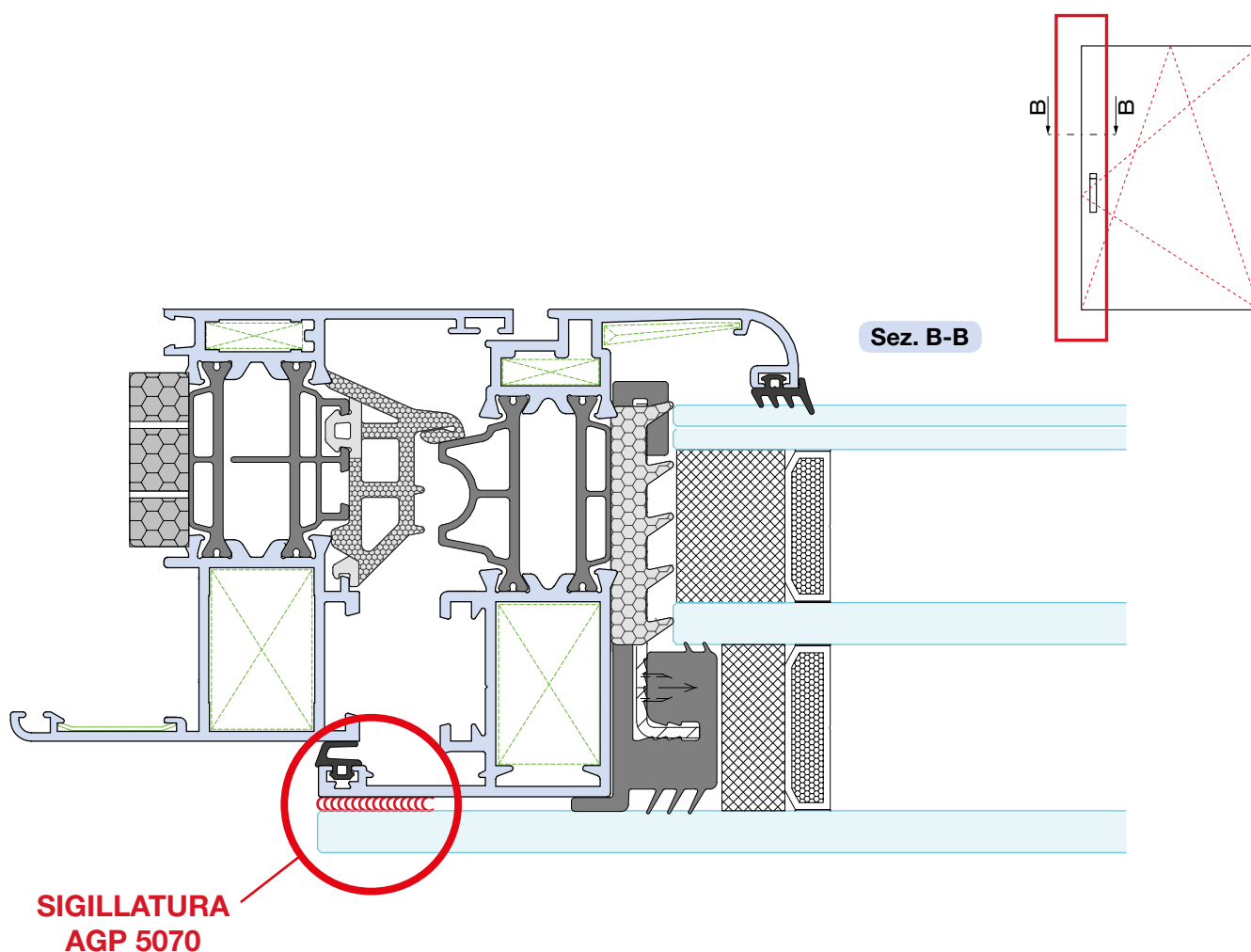
06.12.2017

FULLGLAZING

note pratiche per l'officina

Di seguito alcune **note e consigli per la corretta produzione e posa** del sistema a tutto vetro interno Fullglazing.

4. Il vetro deve essere sigillato DOPO l'installazione e SOLO sul montante - lato maniglia.



EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre



Info prodotto 1812

11.06.2018

it's my window

SECRET nuova anta ribalta cerniera nascosta, portata 150kg

Di seguito riportiamo l'elenco dei **nuovi accessori** (già ordinabili) della ferramenta **SECRET**; sono compatibili con tutti i kit di movimentazione per Secret 100kg.

ACP 5162/D: kit a/r con cerniere a scomparsa Secret anta destra braccio corto-portata max 150kg. Dimensioni anta (L): 472-700mm.

ACP 5162/S: kit a/r con cerniere a scomparsa Secret anta sinistra braccio corto-portata max 150kg. Dimensioni anta (L): 472-700mm.

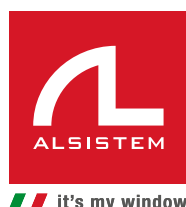
ACP 5163/D: kit a/r con cerniere a scomparsa Secret anta destra braccio lungo-portata max 150kg. Dimensioni anta (L): 600-1500mm.

ACP 5163/S: kit a/r con cerniere a scomparsa Secret anta sinistra braccio lungo-portata max 150kg. Dimensioni anta (L): 600-1500mm.

ACP 5164/D: kit cerniere a scomparsa Secret anta passiva destra-portata max 150kg.

ACP 5164/S: kit cerniere a scomparsa Secret anta passiva sinistra-portata max 150kg.

EasyDoor	
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	
Nathura 59	
Nathura 70	
Nathura 82	
Nathura 92	
Slide 60	
Slide 65	
Slide 80/106 PLUS	
Topslide 160	
Slidewood 160	
Topslidewood 214	
Panoramico	
Balconi e balaustre	



Info prodotto 1812

11.06.2018

alsistem.com

	ACP 5162/D Kit A/R con cerniere a scomparsa SECRET anta destra braccio corto - portata max 150kg. Dimensione anta (L): 472-700mm. Cfz: 10 kit <i>Secret tilt and turn mechanism with concealed hinges, right, short arm - Max load 150kg Pkg: 10 kit</i>		ACP 5162/S Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio corto - portata max 150kg. Dimensione anta (L): 472-700mm. Cfz: 10 kit <i>Secret tilt and turn mechanism with concealed hinges, left, short arm - Max load 150kg Pkg: 10 kit</i>
	ACP 5163/D Kit A/R con cerniere a scomparsa SECRET anta destra braccio lungo - portata max 150kg. Dimensione anta (L): 600-1500mm. Cfz: 10 kit <i>Secret tilt and turn mechanism with concealed hinges, right, long arm - Max load 150kg Pkg: 10 kit</i>		ACP 5163/S Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio lungo - portata max 150kg. Dimensione anta (L): 600-1500mm. Cfz: 10 kit <i>Secret tilt and turn mechanism with concealed hinges, left, long arm - Max load 150kg Pkg: 10 kit</i>
	ACP 5164/D Kit cerniere a scomparsa SECRET anta passiva destra - portata max 150kg. Cfz: 10 kit <i>Secret concealed hinges, right - Max load 150kg Pkg: 10 kit</i>		ACP 5164/S Kit cerniere a scomparsa SECRET anta passiva sinistra - portata max 150kg. Cfz: 10 kit <i>Secret concealed hinges, left - Max load 150kg Pkg: 10 kit</i>

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre
					●	●	●	●	●	●	●	●	●	●																		


Info prodotto 1812/B

11.06.2018

 it's my window

ACP 50325

meccanismo perno lungo EXENS per FULLGLAZING

Si informa che **le maniglie ACP 50315 e ACP 50317 con perno lungo per FullGlazing vengono sostituite dal meccanismo interno con perno maggiorato**, da vendere in abbinamento alle Exens con meccanismo standard.

Sarà sufficiente sostituire il meccanismo interno per avere disponibile tutta la gamma (linee e finiture) Exens con perno maggiorato.

	ACP 50325
	Meccanismo EXENS perno lungo per FullGlazing Cfz: 50 pz
	<i>FullGlazing Exens mechanism with long pin Pkg: 50 pcs</i>

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre
														●																		



it's my window

Info prodotto 1812/C

11.06.2018

ACP 50318

Doppia maniglia Exens Aurora

La doppia maniglia Exens Aurora ACP 50318 completa la gamma di maniglie ALSistem.
ACP 50318, senza basetta in vista, ha lo stesso design elegante e minimalista della martellina EXENS per finestre.

Di seguito le istruzioni di montaggio.



ACP 50318

Doppia Exens linea Aurora
per porte
Cfz: 10 coppie

*Exens Aurora double handle for doors
Pkg: 10 pairs*

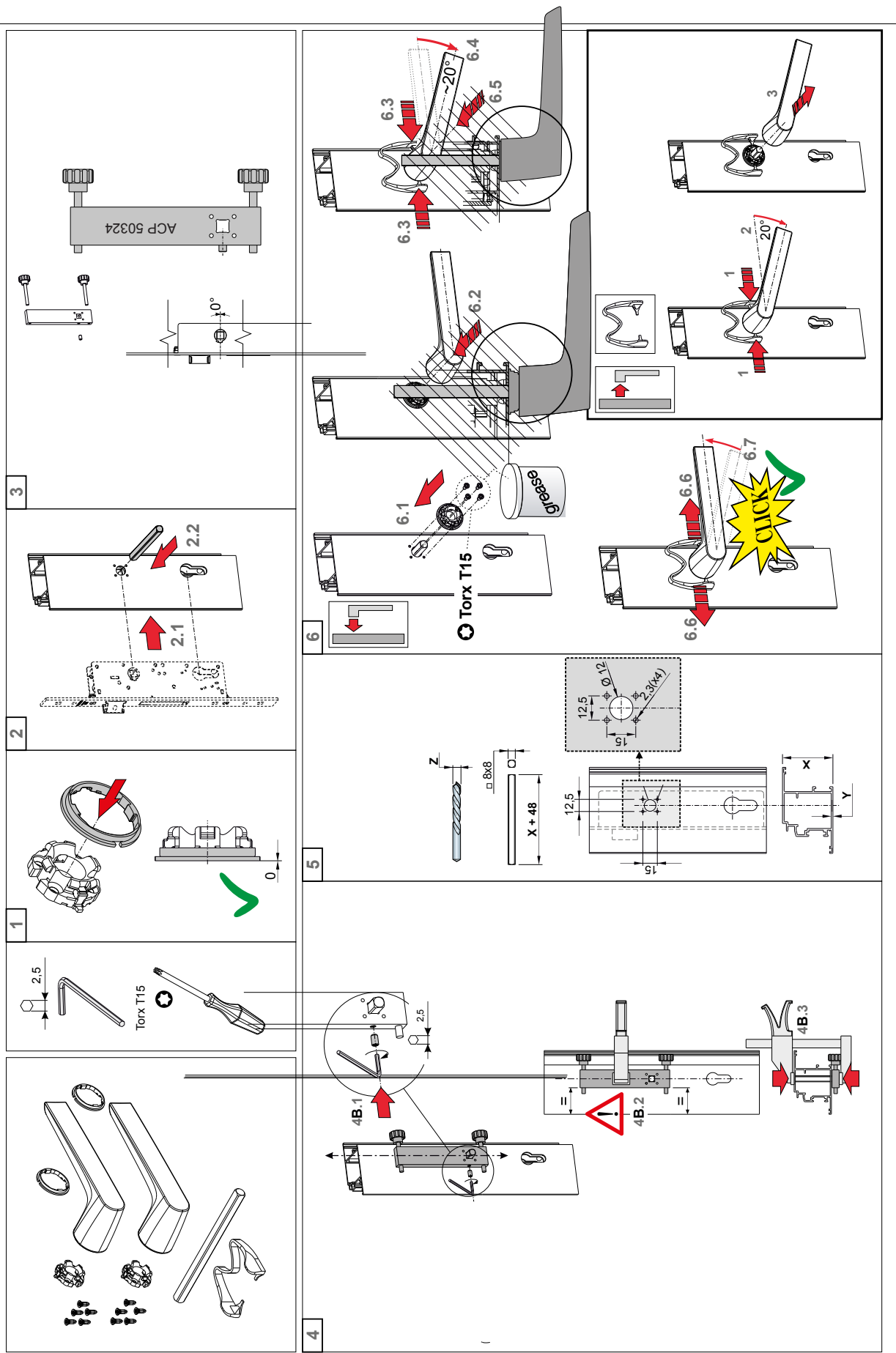
EasyDoor	
Elite Door 72	
Door 62	
Door 72	
Sirio 50	
Smart 30	●
Planet 45	●
Planet 50 TT	●
Planet 50 PLUS	●
Planet 62 TT	●
Planet 62 PLUS	●
Planet 72 HT	●
Planet 72 PLUS	●
3G	●
Fullglazing	●
Matic 50	
Matic 50 PLUS	
Matic 62 TT	
Matic 62 PLUS	
Matic 72	
Matic 72 PLUS	
Nathura 59	
Nathura 70	
Nathura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

Info prodotto 1812/C

11.06.2018



ISTRUZIONI DI MONTAGGIO ACP 50318





Info prodotto 1814

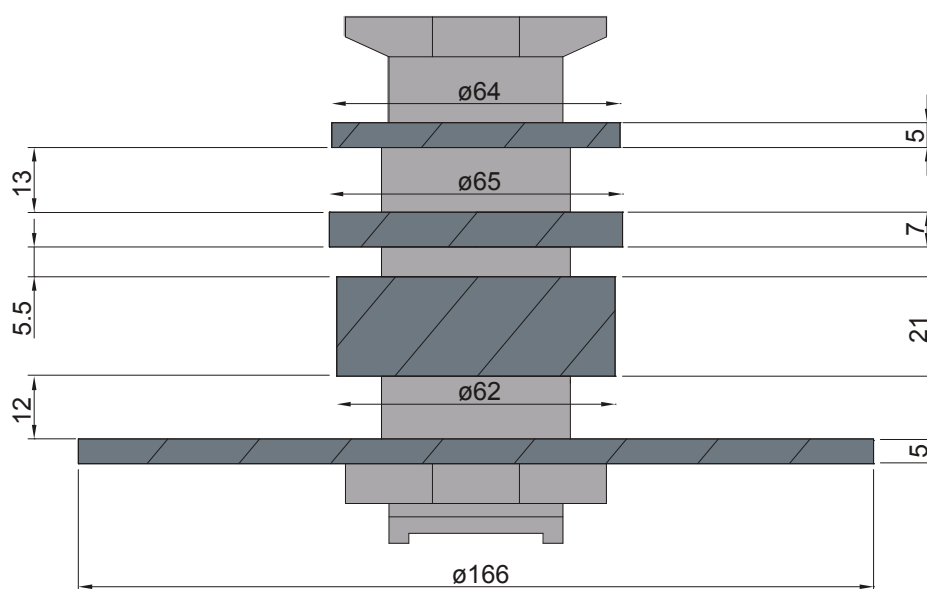
29.06.2018

MCT PL 45 PT

GRUPPO FRESE PER PLANET 62HI e 72HI

Per facilitare la lavorazione di **intestatura dei traversi (telaio)** del sistema **Planet 62HI** è stato messo a punto il gruppo frese MCT PL 45 PT, **il kit include un distanziale da 10mm per utilizzare il gruppo frese anche con il Planet 72HI.**

*Qualora il serramentista volesse utilizzare il gruppo frese, dovrà prima verificare la possibilità di inserire un disco da 166mm nella sua intestatrice.



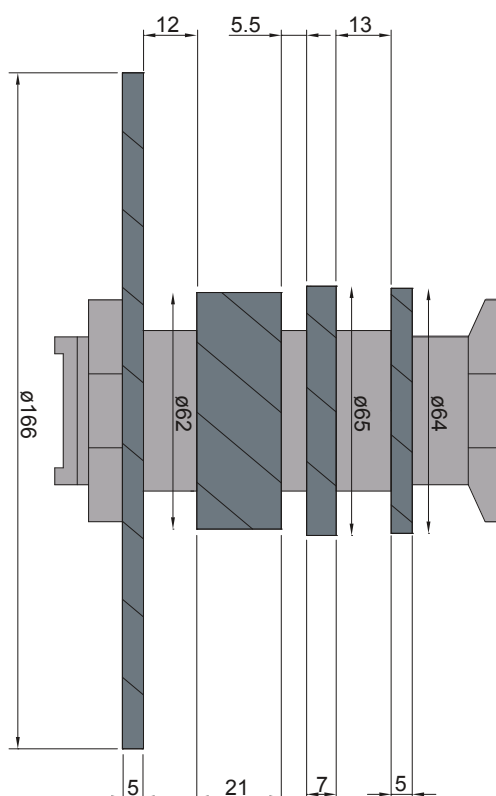
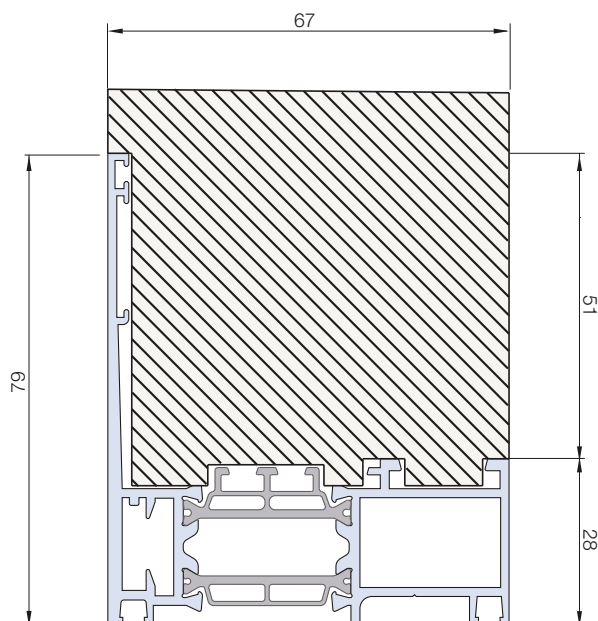
MCT PL 45 PT

EasyDoor	
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	
Nathura 59	
Nathura 70	
Nathura 82	
Nathura 92	
Slide 60	
Slide 65	
Slide 80/106 PLUS	
Topslide 160	
Slidewood 160	
Topslidewood 214	
Panoramico	
Balconi e balaustre	



Info prodotto 1814

29.06.2018

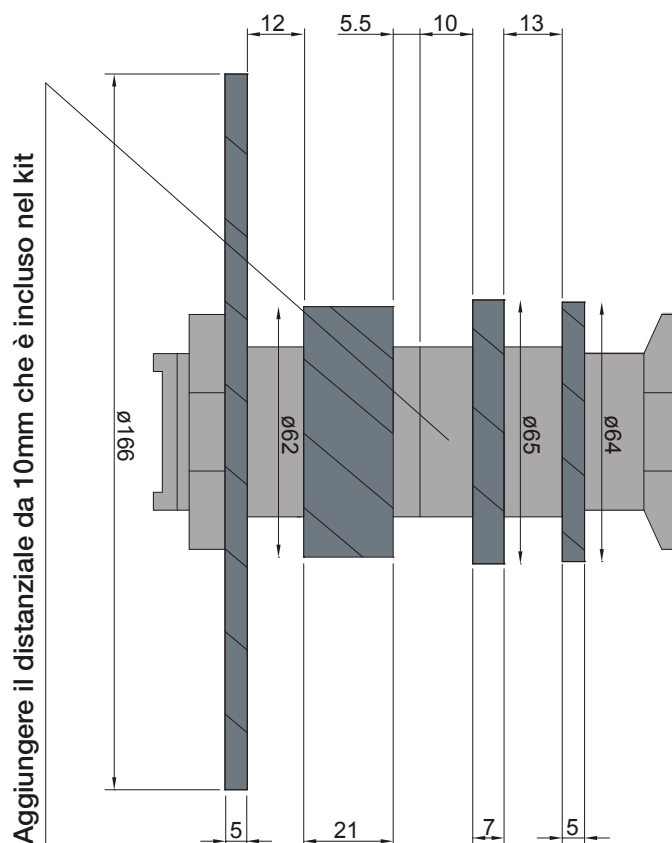
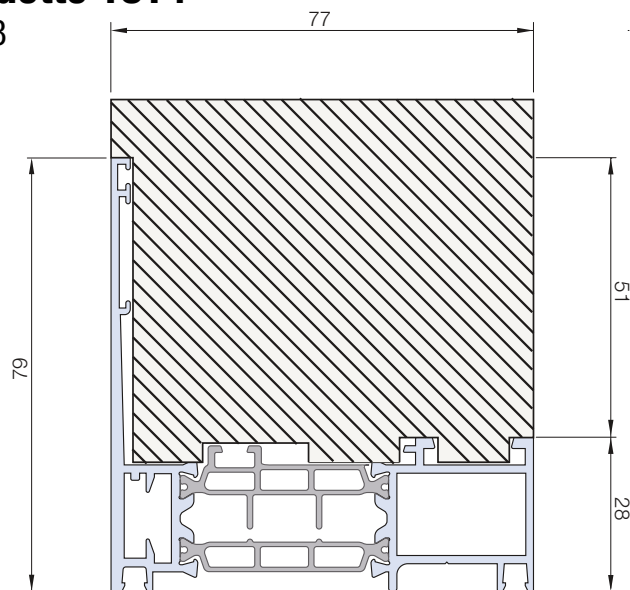


EasyDoor	
Elite Door 72	
Door 62	
Door 72	
Sirio 50	
Smart 30	
Planet 45	
Planet 50 TT	
Planet 50 PLUS	
Planet 62 TT	
Planet 62 PLUS	●
Planet 72 HT	
Planet 72 PLUS	●
3G	
Fullglazing	
Matic 50	
Matic 50 PLUS	
Matic 62 TT	
Matic 62 PLUS	
Matic 72	
Matic 72 PLUS	
Nathura 59	
Nathura 70	
Nathura 82	
Nathura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



Info prodotto 1814

29.06.2018



EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre



Info prodotto 1816

29.08.2018

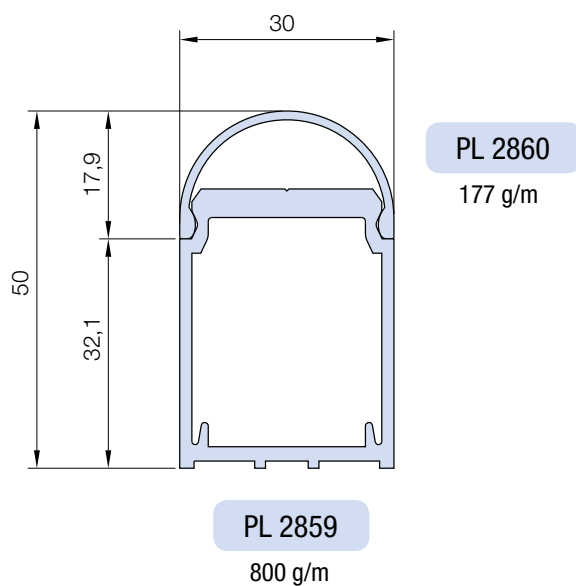
it's my window

AGGIORNAMENTI
CATALOGO

RINFORZO UNIVERSALE tubolare PL 2859 e copertina PL 2860

Sono state realizzate due nuove scocche fredde (**tubolare PL 2859** e **copertina PL 2860**) che **compongono un rinforzo strutturale universale di 30mm**, all'interno del quale è possibile allongare anche una barra in acciaio/alluminio di 20x30mm.

Di seguito riportiamo esempio di applicazione ai sistemi scorrevoli e battenti.



$$J_x = 6,5\text{cm}^4$$

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre	
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

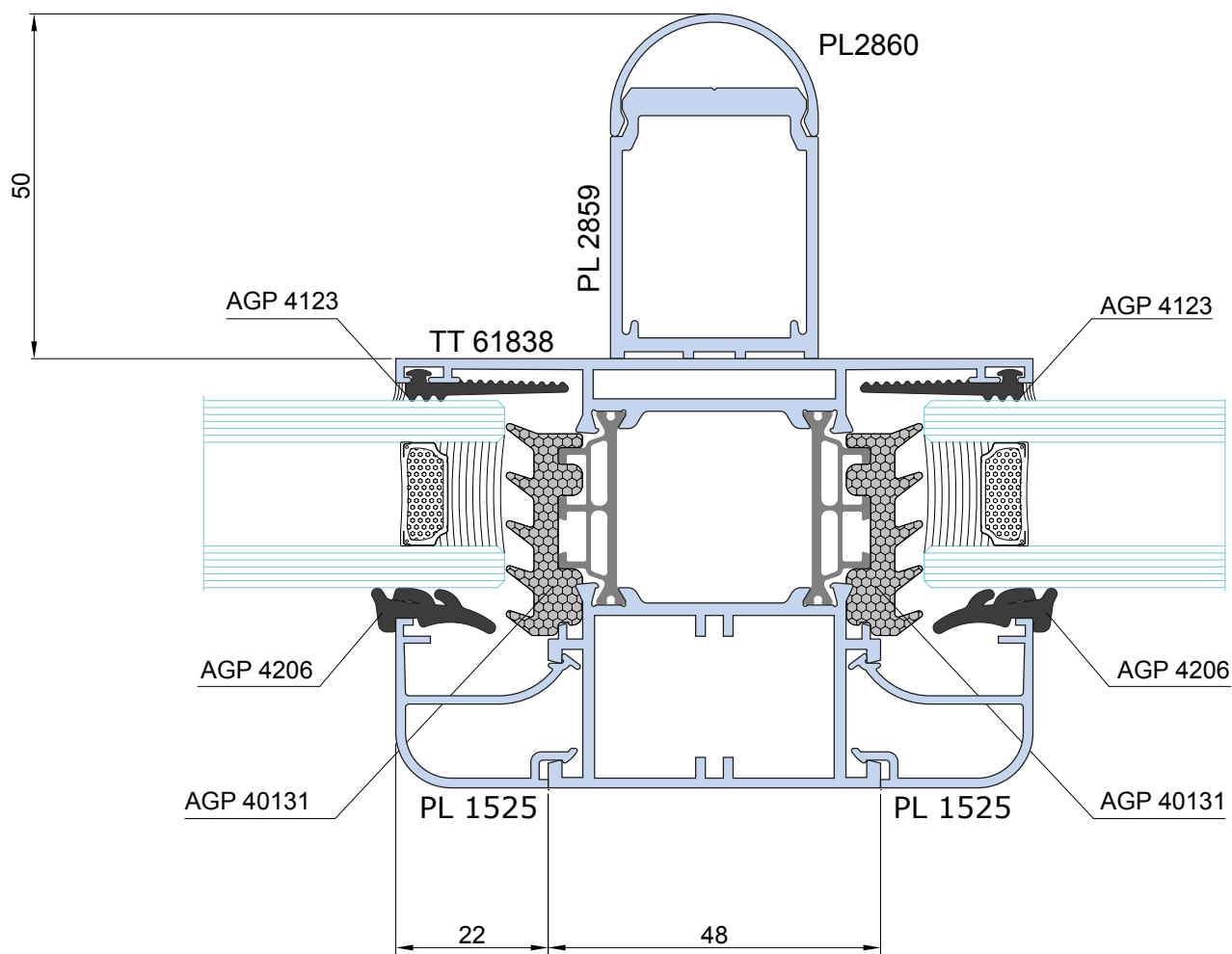


Info prodotto 1816

29.08.2018

PLANET 62-72 PLUS

Rinforzo ai montanti planet (tipo pilastro)



EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre
		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



Info prodotto 1819

11.09.2018

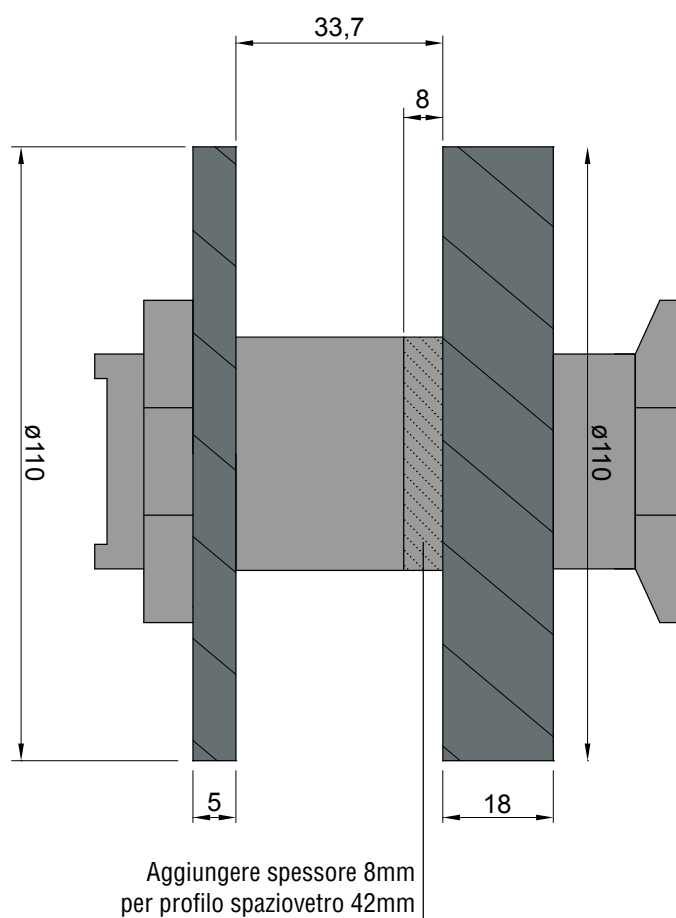
it's my window

AGGIORNAMENTI
CATALOGO
Updates

MCT PL 46 PT

GRUPPO FRESE PER PLANET 62 PLUS-ANTA YARD

Per facilitare la lavorazione di **intestatura dei traversi (ANTA YARD)** del sistema **Planet 62 PLUS** è stato messo a punto il gruppo frese MCT PL 46 PT.



MCT PL 46 PT

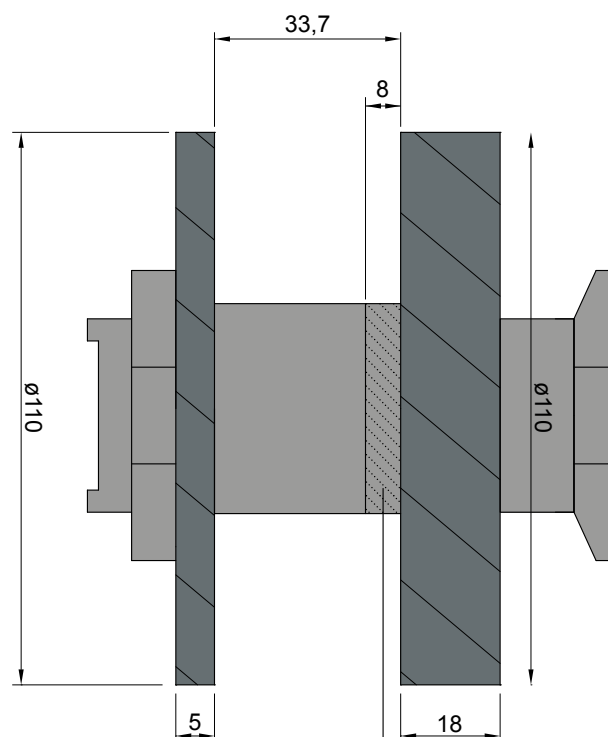
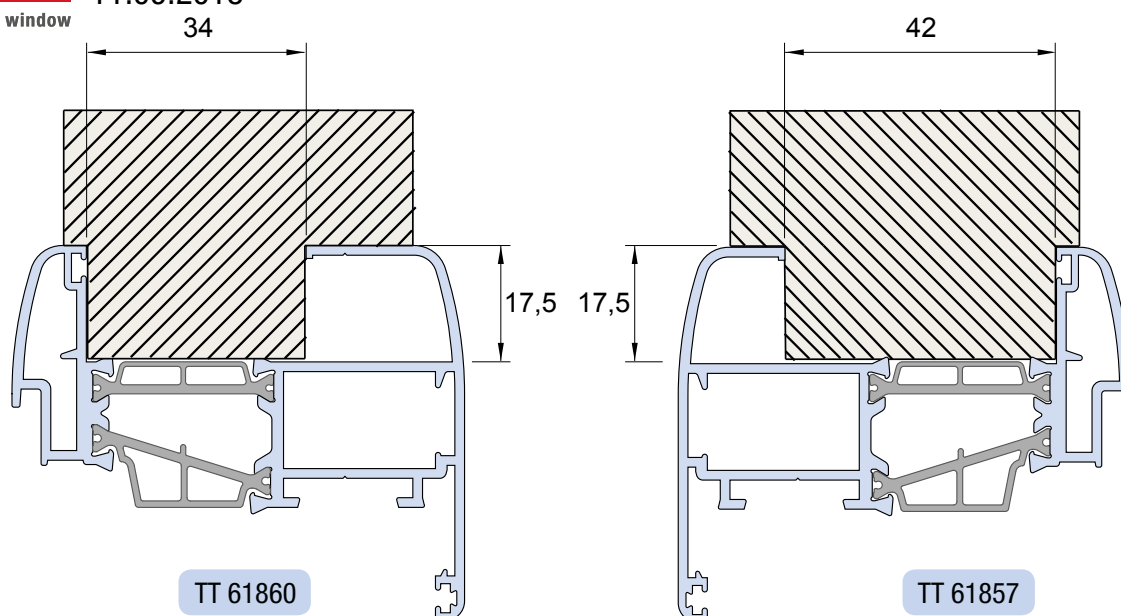
EasyDoor	Elite Door 72	Door 62	Door 72	Sirio 50	Smart 30	Planet 45	Planet 50 TT	Planet 50 PLUS	Planet 62 TT	Planet 62 PLUS	Planet 72 HT	Planet 72 PLUS	3G	Fullglazing	Matic 50	Matic 50 PLUS	Matic 62 TT	Matic 62 PLUS	Matic 72	Matic 72 PLUS	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide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



Info prodotto 1819

11.09.2018

it's my window



Aggiungere spessore 8mm
per profilo spaziovetro 42mm

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre



Info prodotto 1822

16.10.2018



 AGGIORNAMENTI
CATALOGO
14/2018

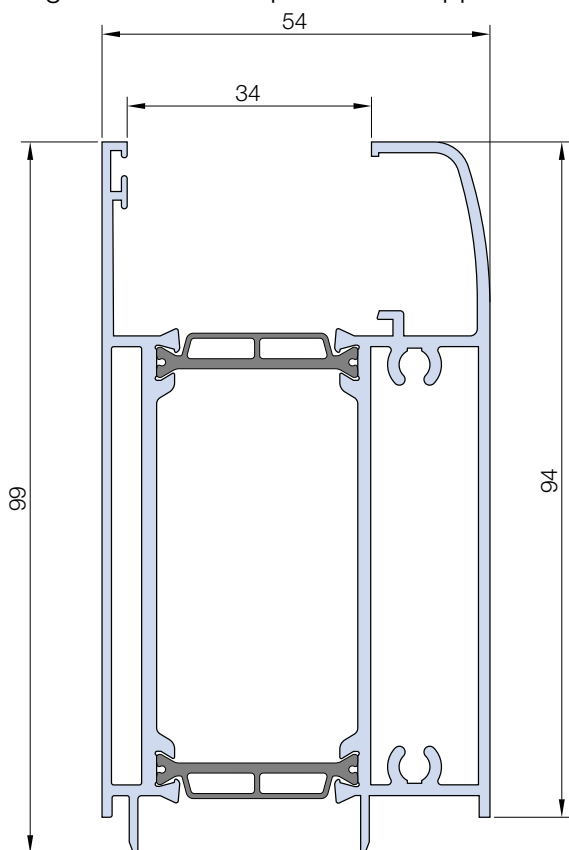
PLANET 62 PLUS

ZOCCOLO RIPORTATO TT 62894 E FASCIA TAGLIAVETRO TT 62895 PER ANTA YARD

Riportiamo disegni dei nuovi profili TT 62894 e TT 62895 per anta yard della serie Planet 62 PLUS, rispettivamente:

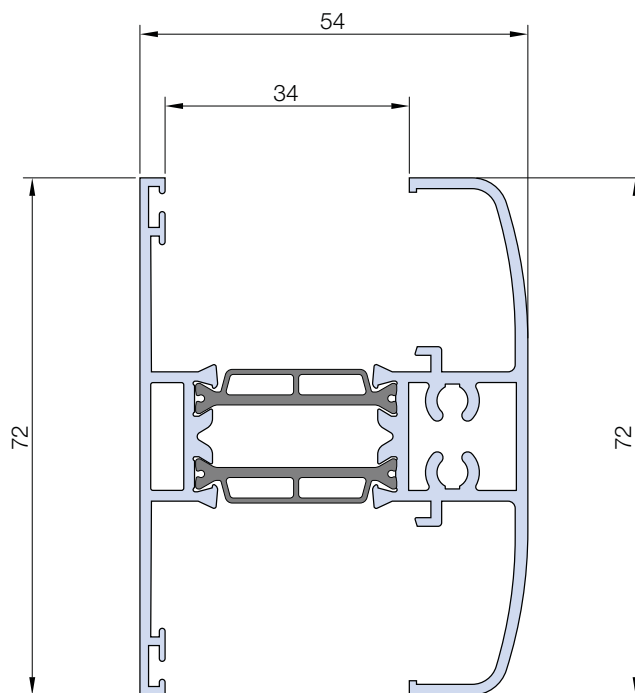
- TT 62894: zoccolo riportato.
- TT 62895: fascia tagliavetro.

A seguire due nodi esplicativi dell'applicazione.



TT 62894

2152 g/m



TT 62895

1555 g/m

E' disponibile il gruppo frese MCT PL 46 PT per intestare i profili (rif. INFO-PRODOTTI 1819)

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre

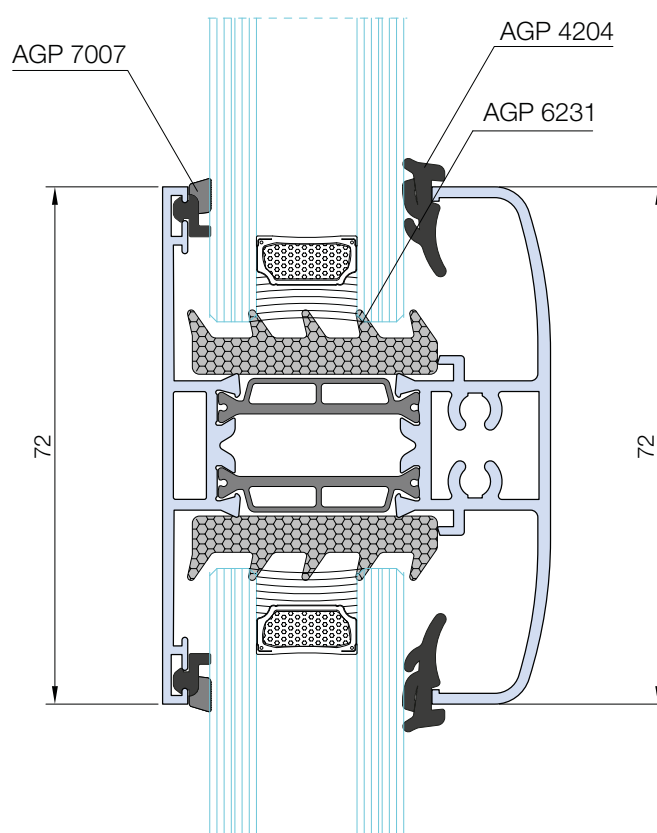


Info prodotto 1822

16.10.2018

Nodo 1

Fascia tagliavetro per anta yard, spazio vetro 34mm



EasyDoor
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
Nathura 59
Nathura 70
Nathura 82
Nathura 92
Slide 60
Slide 65
Slide 80/106 PLUS
Topslide 160
Slidewood 160
Topslidewood 214
Panoramico
Balconi e balaustre

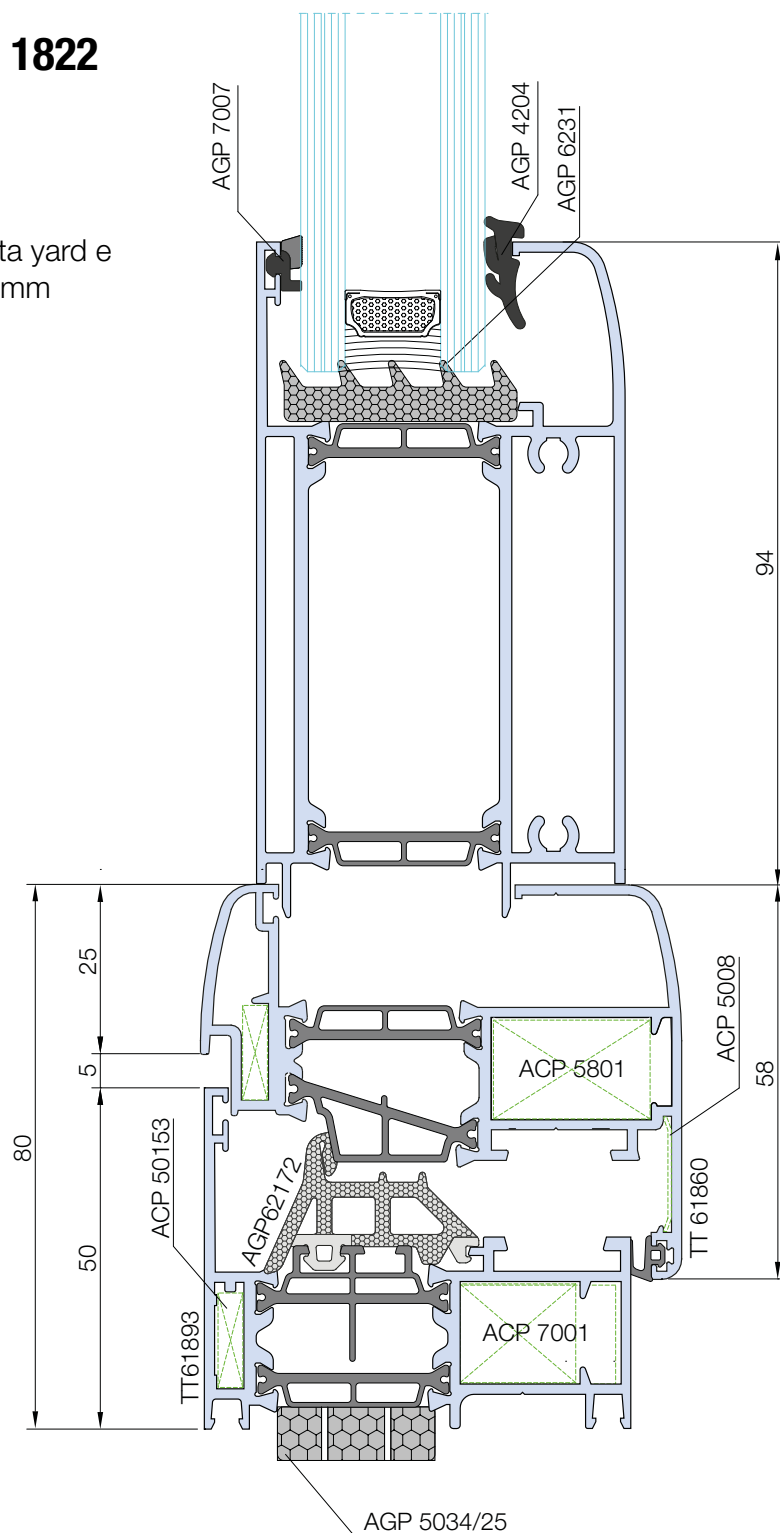


Info prodotto 1822

16.10.2018

Nodo 2

Nodo soglia porta finestra con anta yard e zoccolo riportato, spazio vetro 34mm



EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre
										●																						



Info prodotto 1826

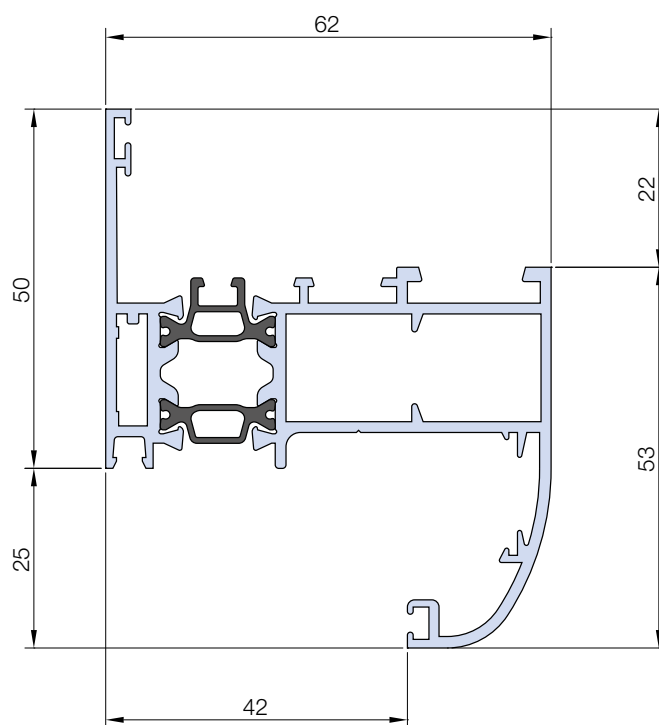
27.11.2018

TT 61849

TELAIO A Z BATTUTA 25mm - SPALLA 42mm PER RISTRUTTURAZIONE

Nuovo **profilo** per la serie **PLANET 62 PLUS**: telaio a Z con battuta 25mm, spalla 42mm. Il profilo prevede l'impiego della pinna centrale AGP 50172, a seguire nodo esemplificativo.

Questo nuovo telaio si abbina con tutte le ante e i traversi per cavallotti, si segnala che in caso di traversi telaio, o nel riporto centrale, va utilizzata la guarnizione centrale AGP 62172.



TT 61849

1379 g/m

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre
										●																						



Info prodotto 1826

27.11.2018

it's my window

AGGIORNAMENTI
CATALOGO
Updates

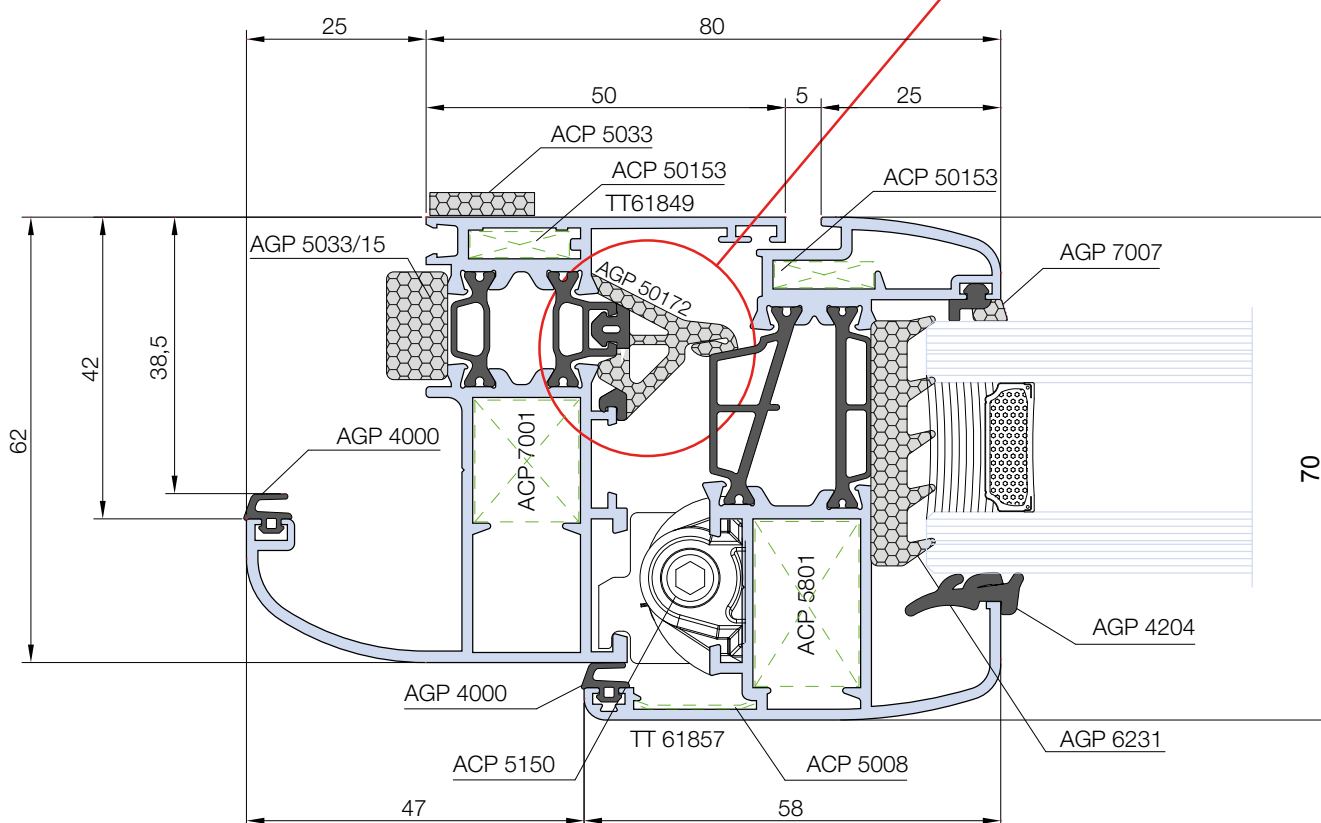
TT 61849

TELAIO A Z BATTUTA 25mm - SPALLA 42mm PER RISTRUTTURAZIONE

Nodo 1

Nodo laterale - Apertura interna - ferramenta Secret

Con il profilo TT 61849
utilizzare la guarnizione di
giunto aperto AGP 50172



EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre
										●																						



Info prodotto 1829

05.12.2018

EXENS linea tonda e squadrata con chiave

EXENS LINEA TONDA ACP 50321:

ACP 50321/1013/D: EXENS linea tonda con chiave destra - RAL 1013.

ACP 50321/1013/S: EXENS linea tonda con chiave sinistra - RAL 1013.

ACP 50321/9010/D: EXENS linea tonda con chiave destra - RAL 9010.

ACP 50321/9010/S: EXENS linea tonda con chiave sinistra - RAL 9010.

ACP 50321/AV/D: EXENS linea tonda con chiave destra - argento.

ACP 50321/AV/S: EXENS linea tonda con chiave sinistra - argento.

ACP 50321/G/D: EXENS linea tonda con chiave destra - grezza.

ACP 50321/G/S: EXENS linea tonda con chiave sinistra - grezza.

ACP 50321/NO/D: EXENS linea tonda con chiave destra - nero opaco.

ACP 50321/NO/S: EXENS linea tonda con chiave sinistra - nero opaco.



ACP 50321/...

EXENS linea tonda con
chiave
Cfz: 10pz

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre
						●	●	●	●	●	●	●	●	●																		



Info prodotto 1829

05.12.2018

it's my window

EXENS linea tonda e squadrata con chiave

EXENS LINEA SQUADRATA ACP 50322:

ACP 50322/1013/D: EXENS linea squadrata con chiave destra - RAL 1013.

ACP 50322/1013/S: EXENS linea squadrata con chiave sinistra - RAL 1013.

ACP 50322/9010/D: EXENS linea squadrata con chiave destra - RAL 9010.

ACP 50322/9010/S: EXENS linea squadrata con chiave sinistra - RAL 9010.

ACP 50322/AV/D: EXENS linea squadrata con chiave destra - argento.

ACP 50322/AV/S: EXENS linea squadrata con chiave sinistra - argento.

ACP 50322/G/D: EXENS linea squadrata con chiave destra - grezza.

ACP 50322/G/S: EXENS linea squadrata con chiave sinistra - grezza.

ACP 50322/NO/D: EXENS linea squadrata con chiave destra - nero opaco.

ACP 50322/NO/S: EXENS linea squadrata con chiave sinistra - nero opaco.



ACP 50322/...

EXENS linea squadrata con chiave
Cfz: 10pz

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre	
						●	●	●	●	●	●	●	●	●																			



Info prodotto 1902.1
26.03.2019

SOLUZIONE T all'italiana

Applicazione tappo ACP 50121M

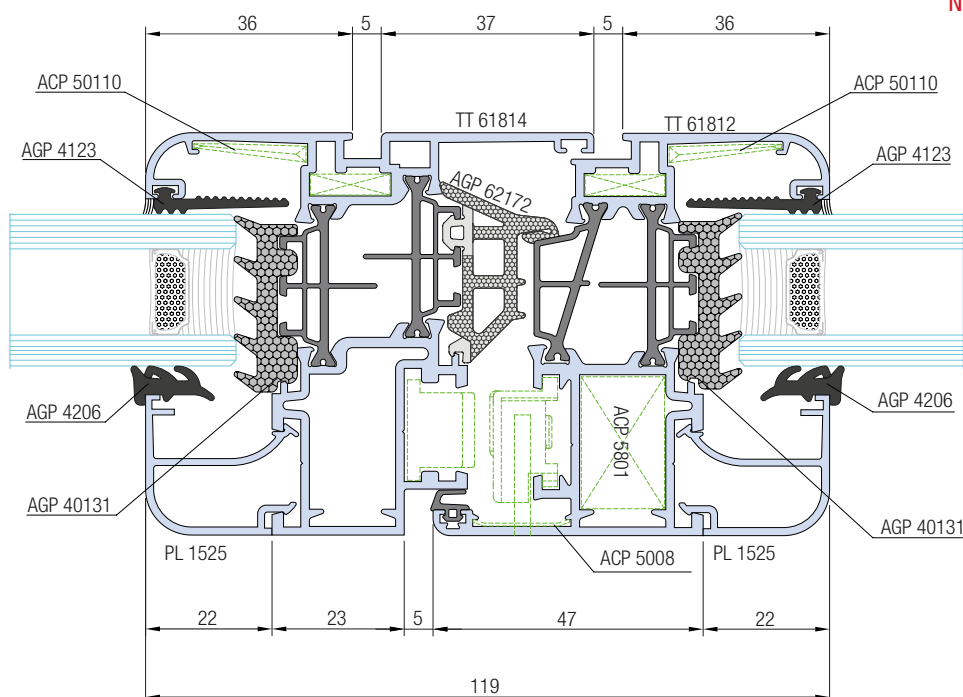
Riportiamo le indicazioni per la realizzazione della **soluzione T all'italiana** del sistema Planet 62 PLUS. Di seguito troverete:

1. Distinta taglio > pagina 2 di 7;
2. Lavorazioni da effettuare sui profili > da pagina 3 di 7;
3. Montaggio tappo ACP 50121M > da pagina 5 di 7.

Con l'occasione vi ricordiamo che la soluzione è valida anche per il sistema Fullglazing di cui alleghiamo, a pagina 6 e 7, il nodo e la lavorazione (pagina 311 del catalogo).

PLANET 62 PLUS

NODO FUORI SCALA



NODO CENTRALE - APERTURA INTERNA

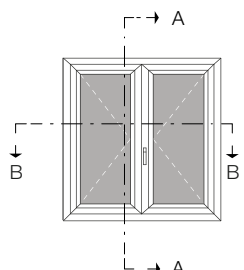
EasyDoor	Elite Door 72	Door 62	Door 72	Sirio 50	Smart 30	Planet 45	Planet 50 TT	Planet 50 PLUS	Planet 62 TT	Planet 62 PLUS	Planet 72 HT	Planet 72 PLUS	3G	Fullglazing	Matic 50	Matic 50 PLUS	Matic 62 TT	Matic 62 PLUS	Matic 72	Matic 72 PLUS	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide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

2 leaves
window

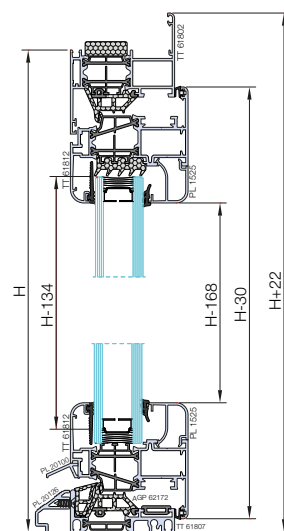
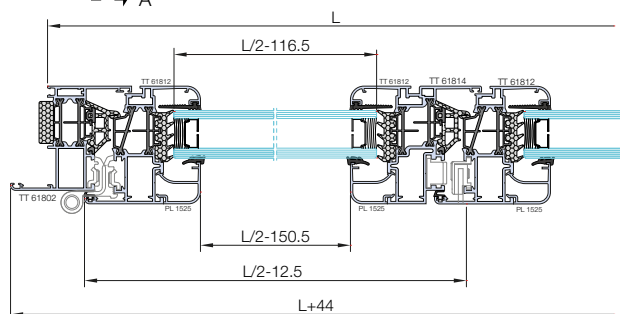
Finestra
2 ante

Glass list

Distinta vetri



Pezzi	L	H
2	L/2-116.5	H-134



Sez. A-A

Sez. B-B

Distinta profili
Profiles' list

Art.	Descrizione	Pezzi	Misura	Taglio
TT 61802	Traverso telaio transom frame	1	L+44	
	Montante telaio mullion frame	2	H+22	
TT 61807	Soglia ribassata 25mm lowered threshold	2	L-47	
TT 61812	Traverso anta transom leaf	4	L/2-12.5	
	Montante anta mullion leaf	3	H-30	
TT 61814	Montante T italiana T-italian mullion	1	H-12	
PL 1525	Traverso fermavetro transom glazing bead	4	L/2-150.5	
	Montante fermavetro mullion glazing bead	4	H-168	
PL 2016	Rinforzo soglia ribassata low threshold support	1	L	
PL 20100	Gocciolatoio drip fin	1	L-100	

Distinta guarnizioni
Gaskets' list

Art.	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	3 3	L/2-24.5 H-30
AGP 40131	Sottovetro glazing strip	4 4	L/2-96.5 H-114
AGP 5034/25	Isolamento muro wall insulation	1 2	L H
AGP 5037	Isolamento muro wall insulation	1	L
AGP 62172	Pinna giunto aperto central beat	2 3	L-124 H-110
Dipende dal vetro	Vetro esterno external glass gasket	4 4	L/2-116.5 H-134
Dipende dal vetro	Vetro interno internal glass gasket	4 4	L/2-116.5 H-134
AGP 6502	Guarnizione supplementare addition gasket	1	L

Distinta accessori
Accessories' list

Art.	Descrizione	Q.tà
ACP 5801	Squadretta multifunzione corner cleat	10 pz
ACP 5001	Vite per squadretta screw for corner cleat	20 pz
ACP 5008	Squadretta all. inox inox corner cleat	8 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	8 pz
ACP 50153	Squadretta cianfrinare est. alignment corner bracket	10 pz
ACP 5030	Spina ø3mm Ø3 mm pin	20 pz
ACP 5005	Cerniera hinge for flat frame	4 pz
ACP 50150	Kit anta ribalta tilt & turn set	1 kit
ACP 5045	Blocchetti collegamento connection pieces	1 cp
ACP 5025	Terminale asta rod terminal	2 pz
ACP 5024	Incontro zama zamak keeper double rod	2 pz
ACP 5022	Catenacciolo bolt	2 pz
ACP 5052	Kit catenaccioli metal bolts kit	1 kit
ACP 50539	Regolo muro obliquo oblique wall spacer	6/8 pz
AGP 62185	Angolo vulcanizzato vulcanized corner	4 pz
ACP 50200	Cremonese Aurora cremonese Aurora	1 pz
ACP 5014	Angoletto fermavetro glazing bead corner	8 pz
ACP 50121M	Tappo di riporto plug for central connection profile	1 cp

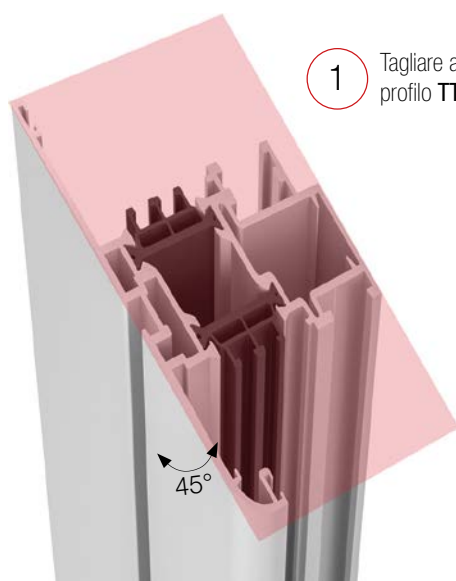


Info prodotto 1902.1
26.03.2019

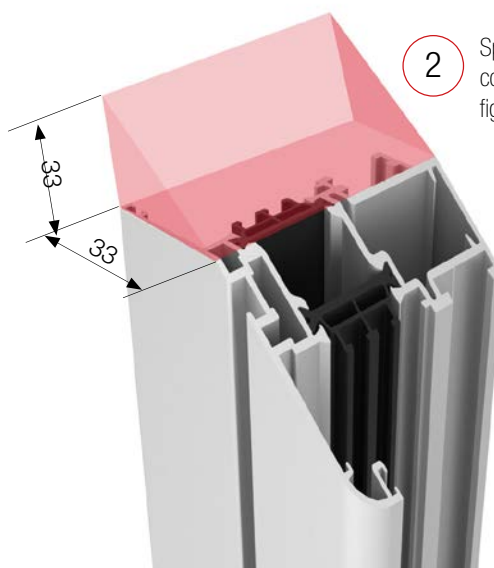
SOLUZIONE T all'italiana

Applicazione tappo ACP 50121M

PLANET 62 PLUS



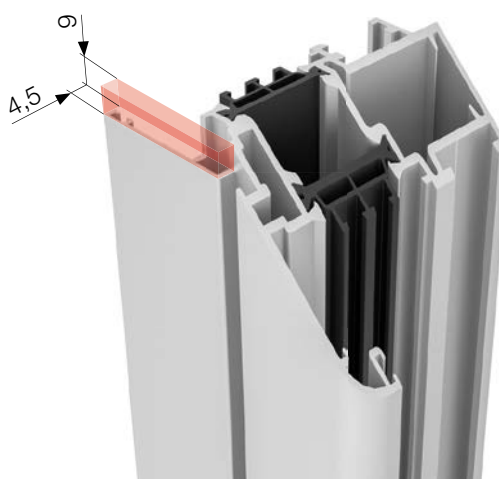
1 Tagliare a 45° il
profilo TT 61814.



2 Spuntare il profilo,
come indicato in
figura.



ACP 50121M



3 Infine asportare
la parte di profilo,
come indicato in
figura.

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre
										●				●																		


Info prodotto 1902.1

26.03.2019

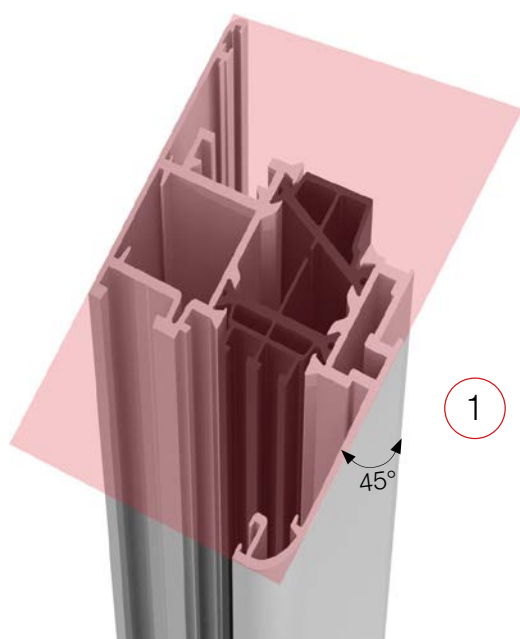
it's my window

 AGGIORNAMENTI
CATALOGO

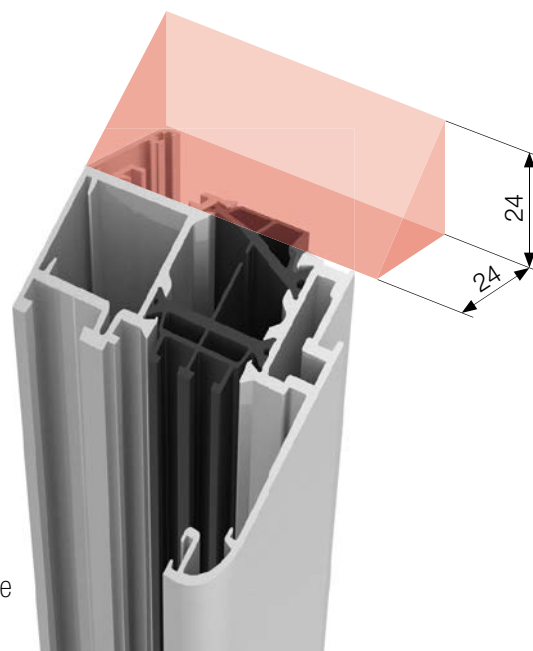
SOLUZIONE T all'italiana

Applicazione tappo ACP 50121M

PLANET 62 PLUS

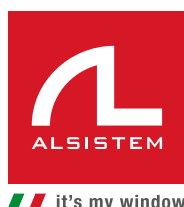


1 Tagliare a 45°
il profilo TT 61812.



2 Spuntare il profilo, come
indicato in figura.

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre
										●				●																		



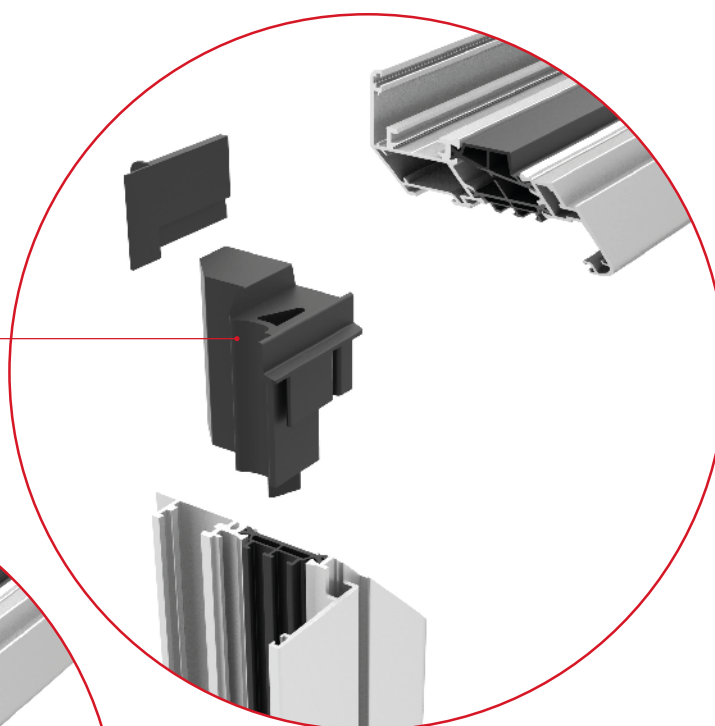
Info prodotto 1902.1
26.03.2019

SOLUZIONE T all'italiana **Applicazione tappo ACP 50121M** **PLANET 62 PLUS**

ATTENZIONE

Inserire il tappo prima di assemblare l'anta.

ACP 50121M



Prima di assemblare il tappo al profilo sigillare tutta la zona di contatto per evitare infiltrazioni, F-polymer AGP 5035/F.

EasyDoor	
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	
Nathura 59	
Nathura 70	
Nathura 82	
Nathura 92	
Slide 60	
Slide 65	
Slide 80/106 PLUS	
Topslide 160	
Slidewood 160	
Topslidewood 214	
Panoramico	
Balconi e balaustre	



Info prodotto 1902.1

26.03.2019

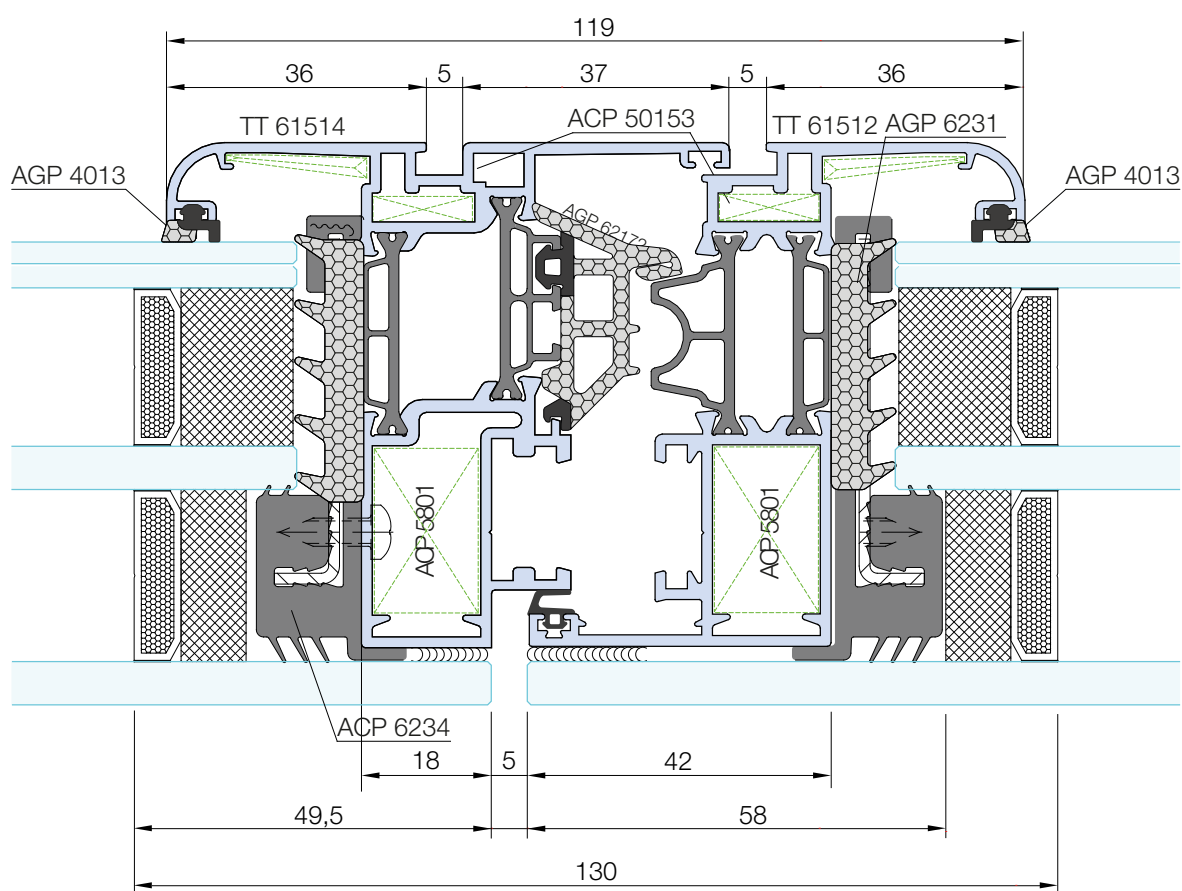
it's my window

AGGIORNAMENTI
CATALOGO
Updates

SOLUZIONE T all'italiana

Applicazione tappo ACP 50121M

FULLGLAZING



NODO CENTRALE - APERTURA INTERNA

EasyDoor	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	Nathura 59	Nathura 70	Nathura 82	Nathura 92	Slide 60	Slide 65	Slide 80/106 PLUS	Topslide 160	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre
										●				●																		

Lavorazioni / Montaggi

Working / Assembly

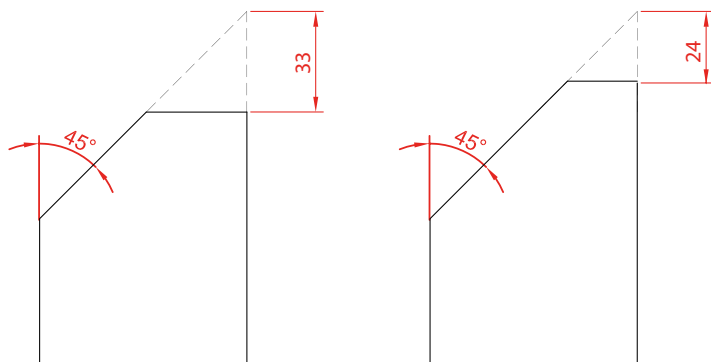


alsistem.com

1

Montaggio tappo centrale T all'italiana ACP 50121M

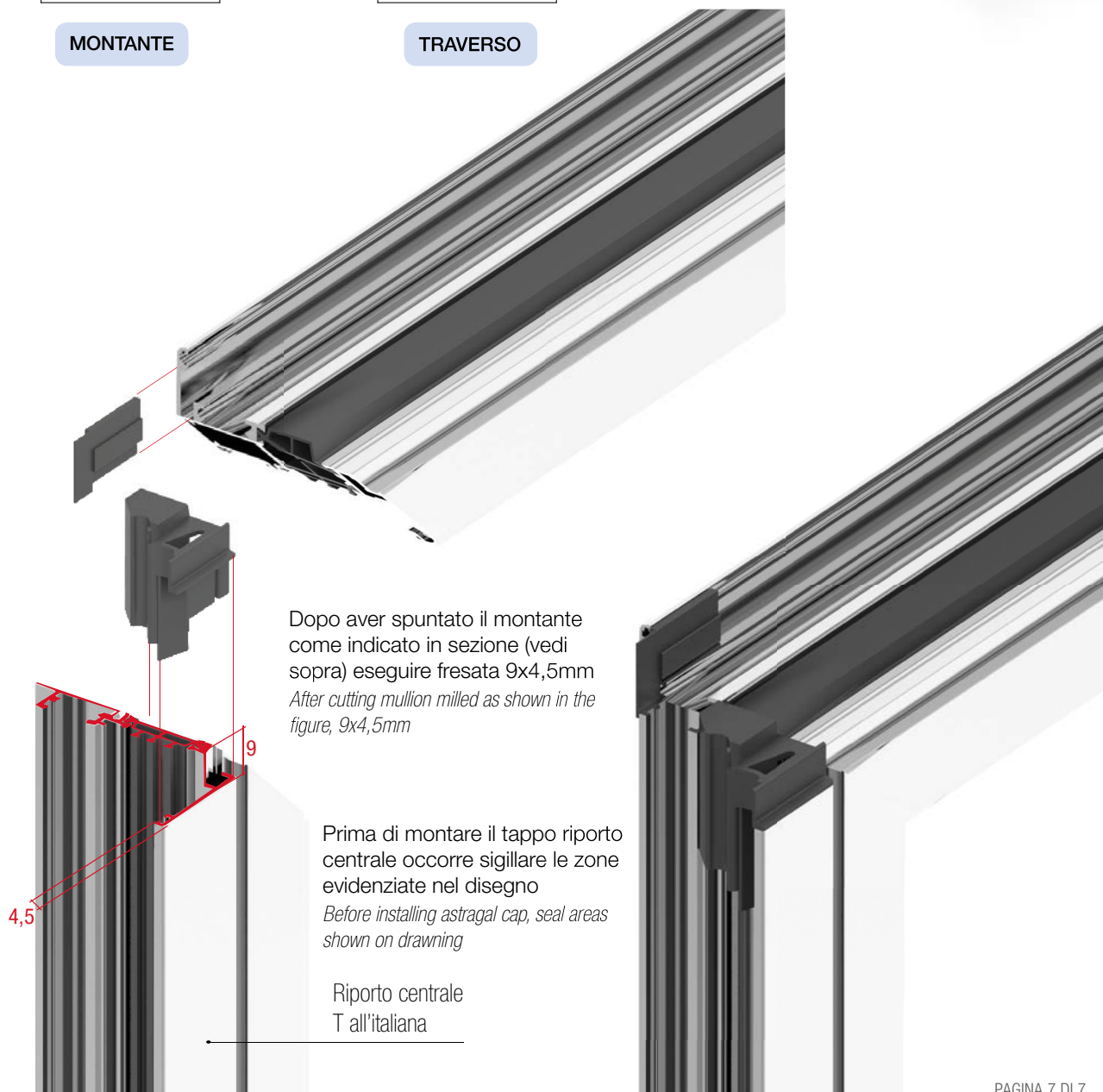
Application of glass support ACP 6234



MONTANTE

TRAVERSO

ACP 50121M



PAGINA 7 DI 7


Info prodotto 1906

20.05.2019

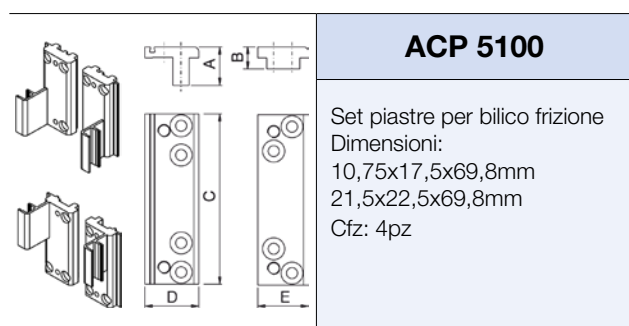
 AGGIORNAMENTI
CATALOGO
1906

FRIZIONI BILICO - ACP 5091M + ACP 5100

Serie PLANET 50, 62 e 72 PLUS

Si comunica che sono stati aggiunti **due nuovi accessori** per le serie PLANET:

- **ACP 5091M**: snodo a frizione per bilici orizzontali e verticali con rotazione a 180° dell'anta;
- **ACP 5100**: set di piastre specifiche per profili.



PORTATE

L'impiego della frizione consente di realizzare bilici con le seguenti dimensioni e peso:

Bilico Orizzontale:

- Peso Massimo dell'anta (alluminio + vetro): 120kg
- Dimensione Massima dell'anta: altezza 2200mm - larghezza 1600mm

Bilico Verticale:

- Peso Massimo dell'anta (alluminio + vetro): 100kg
- Dimensione Massima dell'anta: altezza 2200mm - larghezza 1600mm

MATERIALI

- Guscio Maschio e Femmina in zama pressofusa verniciata nei colori RAL.
- Meccanismi interni in zama pressofusa.
- Pulsante di sblocco in poliammide nera.
- Piastre in alluminio estruso.
- Viti in acciaio inox.

EasyDoor	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	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	
						●	●	●	●	●	●	●																					



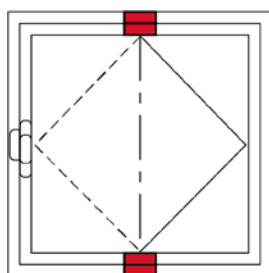
Info prodotto 1906

20.05.2019

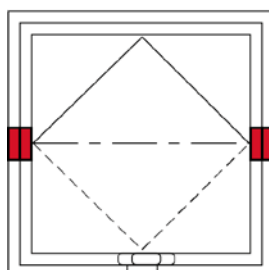
CARATTERISTICHE TECNICHE

Anta frizionata fino a 30° in apertura con possibilità di determinarne la forza agendo su un'apposita vite posta su entrambe le frizioni. L'anta apre fino a 30°, per consentire le operazioni di pulizia, agire sul pulsante di sblocco situato su una delle due frizioni. Lo sblocco consente l'apertura fino a 180° bloccando automaticamente l'anta in questa posizione per evitare chiusure indesiderate. Per richiudere l'anta agire nuovamente sul pulsante di sblocco. La coppia di Frizioni Bilico necessita delle piastre di fissaggio da ordinare a parte. Il set piastre è composto da 2 piastre anta e 2 piastre telaio. La piastra anta è sagomata per consentire il passaggio della ferramenta di chiusura perimetrale.

Bilico verticale

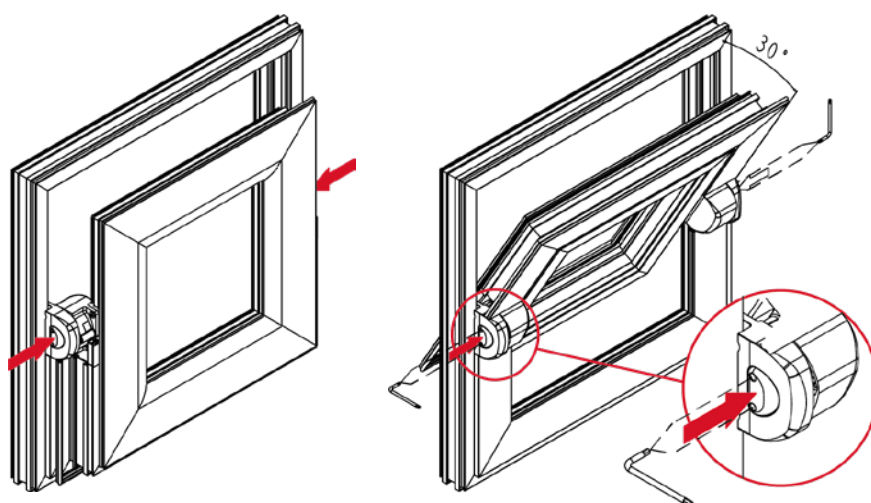


Bilico orizzontale



ACP 5091M

Snodo a frizione



EasyDoor	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	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 1918

03.12.2019

it's my window

CERTIFICAZIONI VOLONTARIE PLANET 62 PLUS

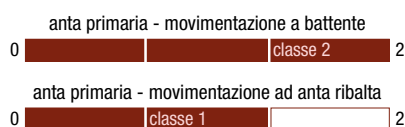
Garantire il massimo della sicurezza e delle performance dei Nostri prodotti è il primario obiettivo dei nostri Tecnici; per questo testiamo e certifichiamo volontariamente i nostri serramenti anche per prestazioni come:

- FORZE DI MANOVRA;
- CARICO VERTICALE;
- TORSIONE STATICA;
- RESISTENZA ALL'URTO DA CORPO MOLLE E PESANTE.

Di seguito riportiamo le certificazioni per il sistema PLANET 62 PLUS.



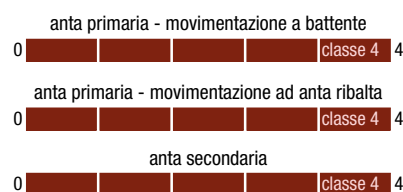
FORZE DI MANOVRA



Norma di prova EN 12046-1:2003
Norma di classificazione EN 13115:2001



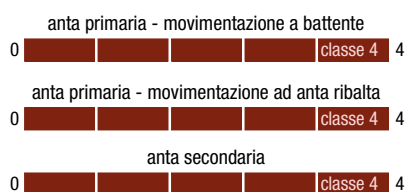
CARICO VERTICALE



Norma di prova EN 14608:2004
Norma di classificazione EN 13115:2001



TORSIONE STATICA



Norma di prova EN 14609:2004
Norma di classificazione EN 13115:2001



RESISTENZA ALL'URTO DA CORPO MOLLE E PESANTE



Norma di prova EN 13049:2003
Norma di classificazione EN 13049:2003

Per tutte le indicazioni far riferimento al Rapporto di Prova numero: 1994-CPR-RP1921

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	Fulglazing	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	Topslide 160 PLUS	Slidewood 160	Topslidewood 214	Panoramico	Balconi e balaustre		



Info prodotto 2003.1
25.05.2020

INCOLLAGGIO E SIGILLATURA DEGLI ANGOLI

Per la corretta chiusura degli angoli si consiglia di seguire scrupolosamente tutte le indicazioni contenute in questa info-prodotto. Al fine di rendere l'operazione agevole ed efficace abbiamo selezionato l'attrezzatura migliore per la sua esecuzione.

Si sottolinea come l'incollaggio e la sigillatura degli angoli siano operazioni fondamentali per garantire la qualità del manufatto e la sua resistenza nel tempo.

Dopo aver tagliato i profili, eseguito la lavorazione per l'utilizzo delle squadrette e il foro per iniettare la colla (come indicato nel "Manuale Costruzione finestre battenti"), **è necessario effettuare le seguenti lavorazioni:**

1. Sigillare le superfici di contatto dei profili tagliati utilizzando l'apposita sigillatrice (pagina 3);
2. Assemblare i profili utilizzando le apposite squadrette (pagina 4);
3. Serrare le squadrette (pagina 5);
4. Iniettare la colla per il fissaggio degli angoli tramite il foro preposto (pagina 6).

A seguire riportiamo l'elenco dei **nuovi accessori**, delle attrezzature consigliate e la procedura in dettaglio.

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	●
Topslide 160 PLUS	●
Slidewood 160	●
Topslidewood 214	●
Panoramico	
Balconi e balaustre	



Info prodotto 2003.1

25.05.2020

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INCOLLAGGIO E SIGILLATURA DEGLI ANGOLI



AGP 5058

Sigillante poliuretanico bicomponente, cartuccia 415ml



AGP 5079

Pistola a batteria per sigillante bicomponente AGP 5058



AGP 5059

Pistola manuale per sigillante bicomponente AGP 5058



AGP 5072

Beccuccio Static Mixer per AGP 5058



AGP 5069

Pistola pneumatica per sigillante bicomponente AGP 5058



MCT PL TKE 259

Sigillatrice d'angoli automatica



ACP 50127

Squadretta allineamento da incollare



AGP 5073

Sigillante per sigillatrice MCT PL TKE 259

●	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	●	Topslide 160 PLUS	●	Slidewood 160	●	Topslidewood 214	●	Panoramico	●	Balconi e balaustre
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Info prodotto 2003.1

25.05.2020

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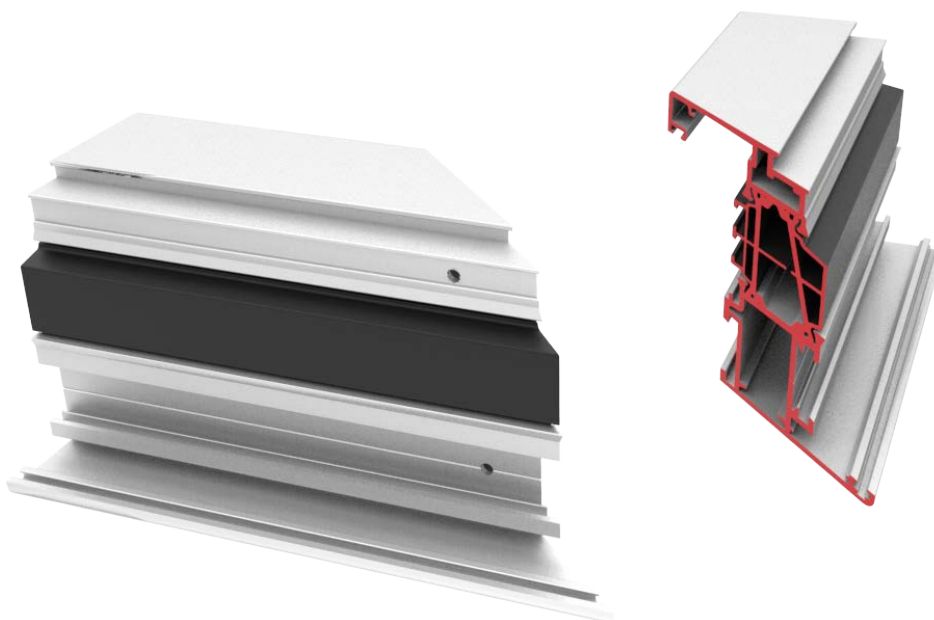
AGGIORNAMENTI
CATALOGO
by gms

1

Sigillare i profili: prima di chiudere l'angolo, sigillare le superfici di contatto dei profili tagliati, utilizzando l'apposita sigillatrice.



Sigillatrice d'angoli automatica



●	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
●	Topslide 160 PLUS
●	Slidewood 160
●	Topslidewood 214
●	Panoramico
●	Balconi e balaustre



Info prodotto 2003.1

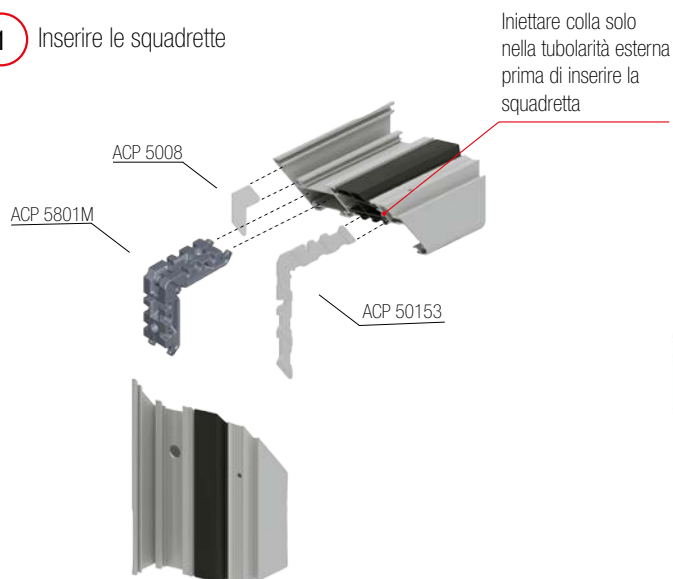
25.05.2020

it's my window

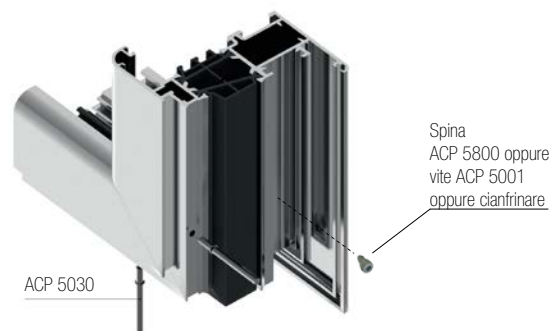
2

Assemblare telaio e ante tramite le apposite squadrette di sistema

1 Inserire le squadrette



2 Chiudere l'angolo utilizzando gli strumenti in base alla tipologia di squadretta scelta



3 Inserire squadretta di allineamento esterna



ALsistem consiglia...

di utilizzare la squadretta multifunzione nella tubolarità interna per avere una miglior qualità del prodotto finito e le spine ACP 5030 con impugnatura a perdere, nella tubolarità esterna.

●	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	●	Topslide 160 PLUS	●	Slidewood 160	●	Topslidewood 214		Panoramico		Balconi e balaustre
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Info prodotto 2003.1

25.05.2020

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AGGIORNAMENTI
CATALOGO
Updates

3

Serraggio squadrette ACP 50127: precaricare e chiudere le squadrette da entrambi i lati tramite un cacciavite a taglio ruotando secondo il verso indicato sulla squadretta.

1 Precarico



2 Chiusura



●	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
●	Topslide 160 PLUS
●	Slidewood 160
●	Topslidewood 214
●	Panoramico
●	Balconi e balaustre



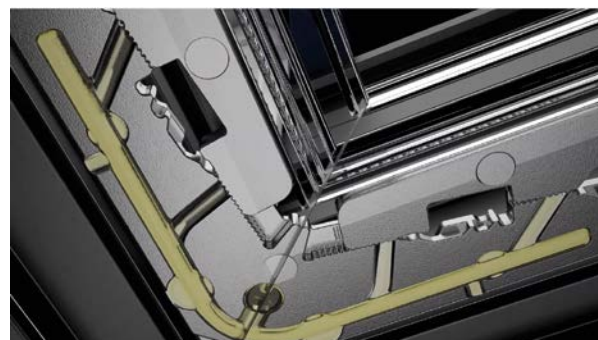
Info prodotto 2003.1

25.05.2020

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4

Incollaggio squadrette ACP 50127: iniettare la colla AGP 5058 fino al riempimento delle scanalature predisposte.



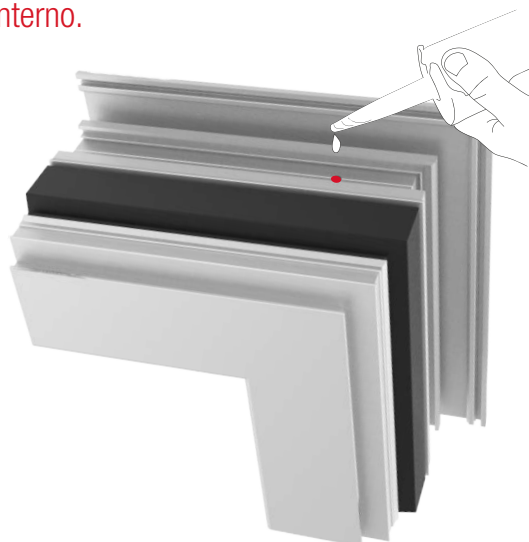
5

Iniettare la colla AGP 5058, anche nella squadretta interna ACP 5801M, attraverso il foro preposto, fino al riempimento di tutte le cavità dell'angolo interno.



ALsistem consiglia...

l'utilizzo della colla bicomponente AGP 5058 per garantire una maggior tenuta e velocizzare la solidificazione dell'angolo



●	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
●	Topslide 160 PLUS
●	Slidewood 160
●	Topslidewood 214
	Panoramico
	Balconi e balaustre



Info prodotto 2009.1

10.06.2020

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SQUADRETTA MULTIFUNZIONE ACP 5801M

È disponibile una **nuova versione della squadretta multifunzione ACP 5801** che avrà il codice ACP 5801M.

Diversamente dall'attuale, la squadretta prevede una sequenza di fori che la rendono compatibile anche con le viti della ferramenta perimetrale originale ALSistem (serie MATIC), agevolando notevolmente la fase di fissaggio della cerniera al telaio.

Oltre alle serie Matic, la squadretta sarà compatibile con tutti i sistemi che attualmente la utilizzano (Smart 30, Planet 45, Planet 50TT, Planet 50 PLUS, Planet 62 TT, Planet 62 PLUS, Planet 72 HT, Planet 72 PLUS, Nathura 59, Slide 60, Slide 80/106 PLUS, Topslide 160, Topslide 160 PLUS, Slidewood 160, Topslidewood 214).



ACP 5801M

Squadretta 23x14mm multifunzione, avvitare, spinare e cianfrinare.

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	●
Topslide 160 PLUS	●
Slidewood 160	●
Topslidewood 214	●
Panoramico	
Balconi e balaustre	

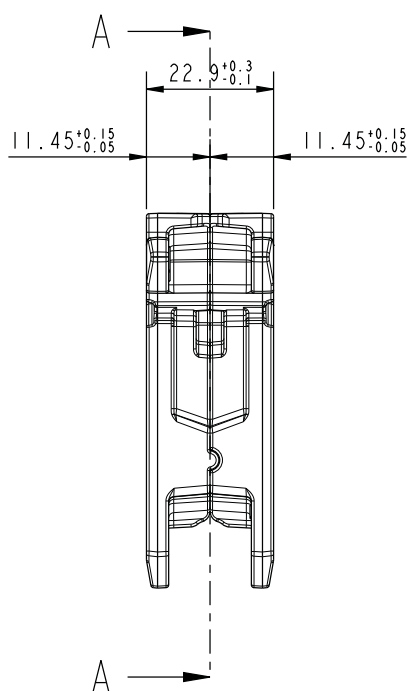
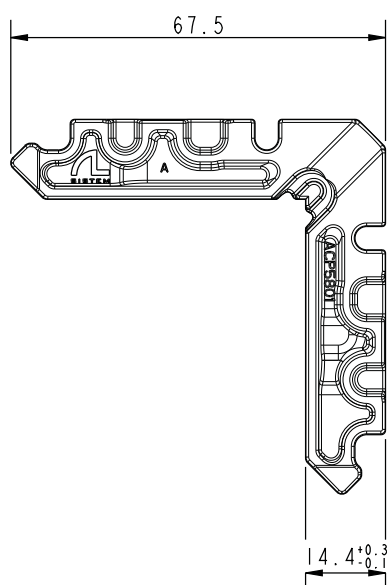
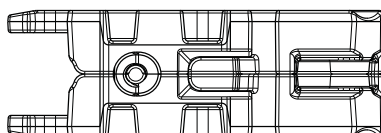


Info prodotto 2009.1

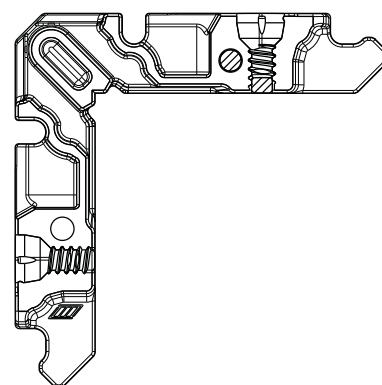
10.06.2020

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IMMAGINI FUORI SCALA



SEZIONE A - A



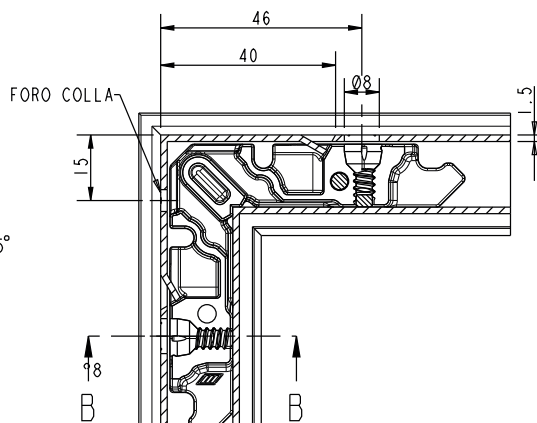
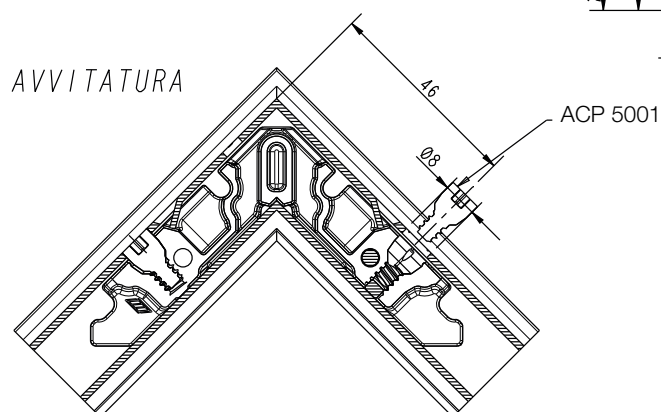
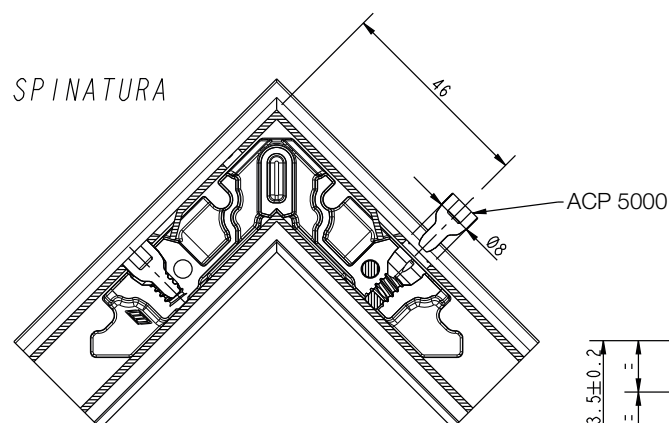
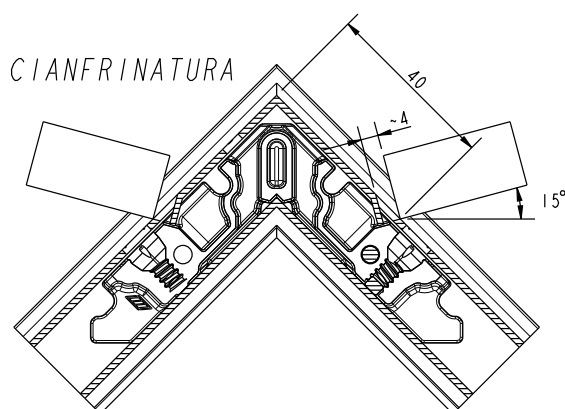
EasyDoor	
Ecoslim 50 TT	
Ecoslim 62 TT	
Ecoslim 72 TT	
Elite Door 72	
Door 62	
Door 72	
Sirio 50	
Smart 30	●
Planet 45	●
Planet 50 TT	●
Planet 50 PLUS	●
Planet 62 TT	●
Planet 62 PLUS	●
Planet 72 HT	●
Planet 72 PLUS	●
3G	
Fullglazing	
Matic 50	●
Matic 50 PLUS	●
Matic 62 TT	●
Matic 62 PLUS	●
Matic 72	●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



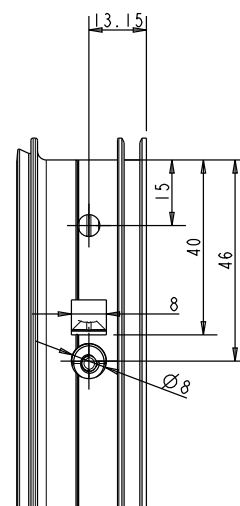
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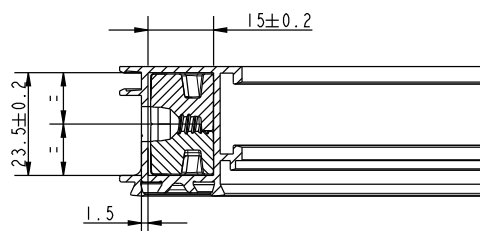
IMMAGINI FUORI SCALA



SEZIONE A - A



SEZIONE B - B



	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							●																																		
	Topslide 160 PLUS							●																																		
	Slidewood 160							●																																		
	Topslidewood 214							●																																		



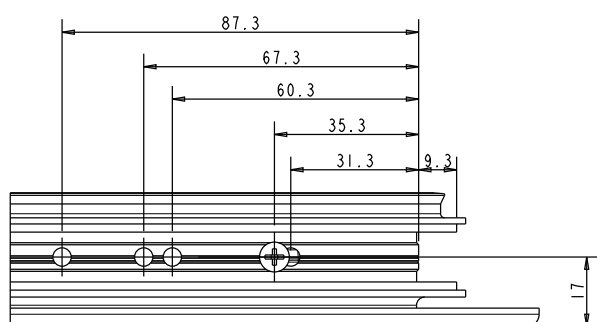
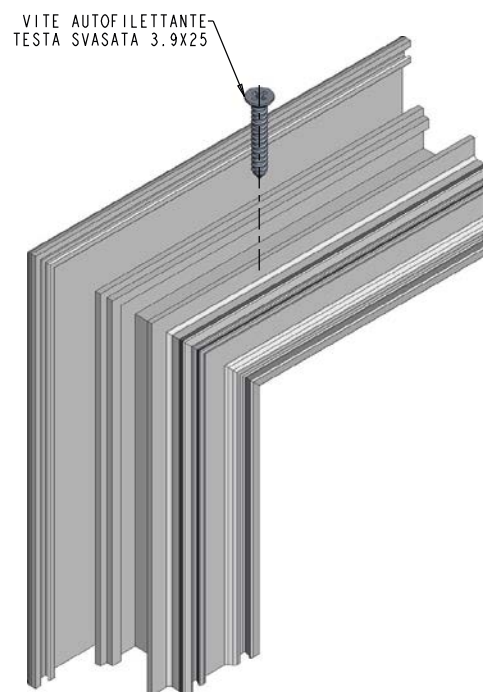
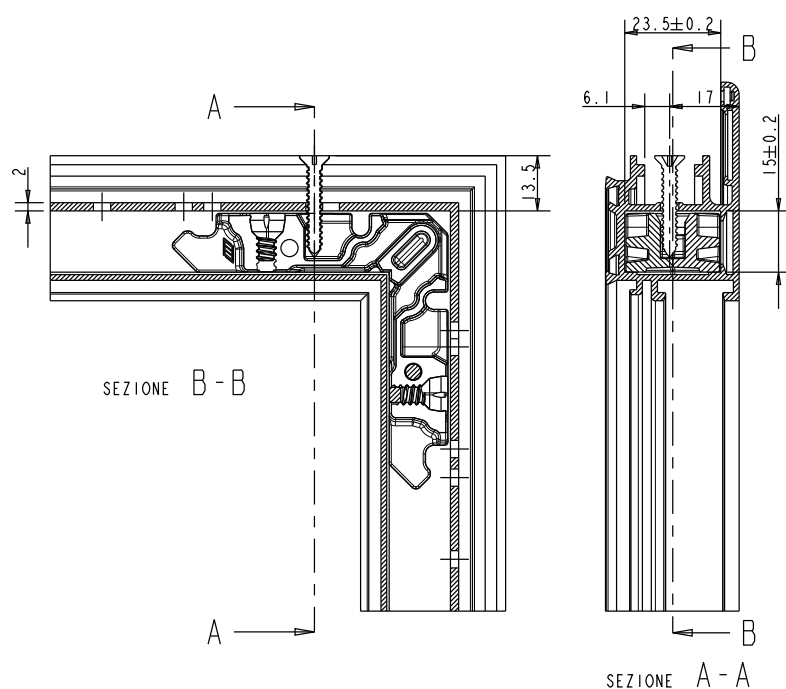
Info prodotto 2009.1

10.06.2020



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vite per fissaggio ferramenta su anta



IMMAGINI FUORI SCALA

	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	
	Topslide 160 PLUS	●
	Slidewood 160	●
	Topslidewood 214	●
	Panoramico	
	Balconi e balaustre	



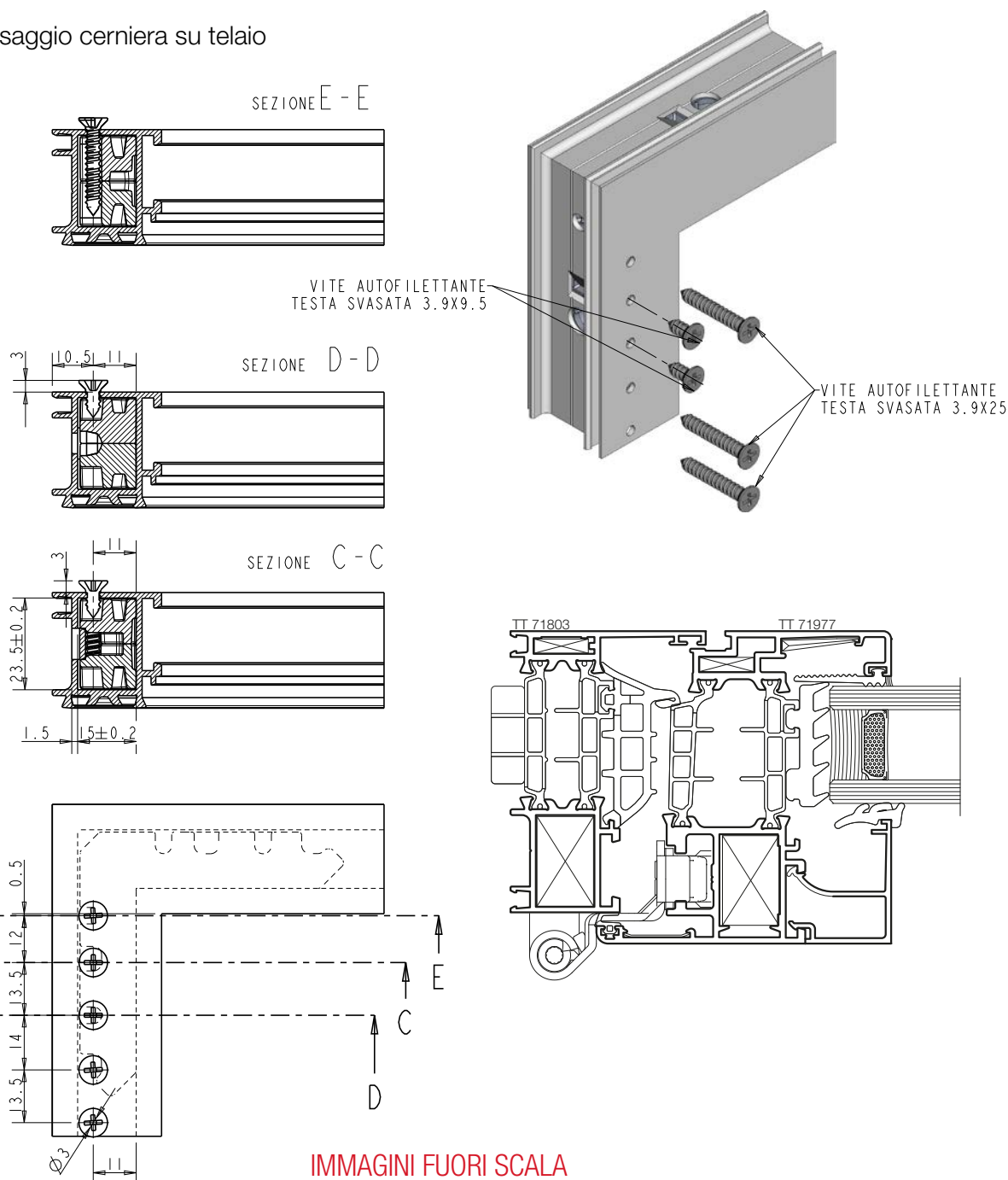
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10.06.2020

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CATALOGO
by geras

vite per fissaggio cerniera su telaio



IMMAGINI FUORI SCALA

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	●
Topslide 160 PLUS	●
Slidewood 160	●
Topslidewood 214	●
Panoramico	
Balconi e balaustre	


Info prodotto 2022.1

20.11.2020

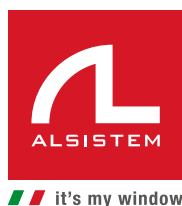
 AGGIORNAMENTI
CATALOGO
14/2020

FERRAMENTA STANDARD LINE ACCESSORI

ALSistem presenta la nuova linea ferramenta Standard Line, utilizzabile sui nostri sistemi a battente. Questi articoli che vi stiamo presentando si aggiungono agli accessori già presenti a catalogo. Nelle pagine seguenti trovate l'elenco degli articoli, suddiviso per tipologia:

- Finestre (pag. 2-4);
- Anta a ribalta (pag. 5-6);
- Porte (pag. 7).

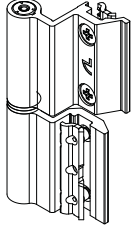
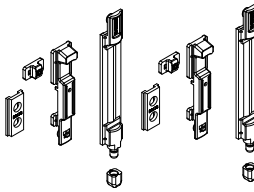
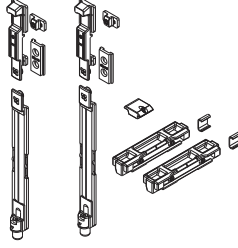
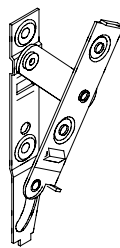
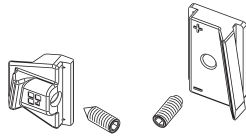
EasyDoor
● Ecoslim 50 TT
● Ecoslim 62 TT
● Ecoslim 72 TT
Elite Door 72
Door 62
Door 72
Sirio 50
● Smart 30
● Planet 45
● Planet 50 TT
● Planet 50 PLUS
● Planet 62 TT
● Planet 62 PLUS
● Planet 72 HT
● Planet 72 PLUS
● 3G
● Fullglazing
Matic 50
Matic 50 PLUS
Matic 62 TT
Matic 62 PLUS
Matic 72
Matic 72 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 2022.1

20.11.2020

FERRAMENTA STANDARD LINE FINESTRE

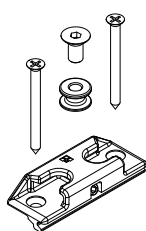
	ACP 50405 Cerniera finestra piastrini premontati per telai piani Cfz: 20 pz <i>Pre-assembled plate window hinge for flat frames Pkg: 20 pcs</i>		ACP 5165 Braccio limitatore di apertura Cfz: 10 pz <i>Opening limiting arm Pkg: 10 pcs</i>
	ACP 50407 Cerniera terza anta/telai coplanari piastrini premontati Cfz: 20 pz <i>Third leaf hinge / coplanar frames with pre-assembled plates Pkg: 20 pcs</i>		ACP 5199 Meccanismo martellina bidirezionale Cfz: 5 pz <i>Handle bidirectional mechanism Pkg: 5pcs</i>
	ACP 50422 Kit catenacci e terminali in nylon con puntale scaricato per alloggiamento riscontro (utile anche per a/r) Cfz: 50 kit <i>Kit of bolts and nylon ends with unloaded tip for striker housing (also useful for return) Pkg: 50 kits</i>		ACP 50226 Piastrino sostegno anta Cfz: 500 pz <i>Leaf support plate Pkg: 500 pcs</i>
	ACP 50452 Kit catenacci in zama anta abbinata per battente standard (con terminale registrabile e 2 incontri). Cfz: 10 kit <i>Zamak bolt kit for matching leaf for standard leaf (with adjustable end piece and 2 strikers) Pkg: 10 kits</i>		ACP 5012 Cerniera vasistas scatto singolo Cfz: 10 pz <i>Hinge, single snap for bottom hung open in Pkg: 10 pcs</i>
	ACP 51454 Rostrum per ferramenta standard Cfz: 50 pz <i>Rostrum for standard hardware Pkg: 50 pcs</i>		ACP 5017 Cricchetto vasistas applicazione rapida Cfz: 50 pz <i>Awning/hopper window quick fitting finger catch Pkg: 50 pcs</i>



Info prodotto 2022.1
20.11.2020

it's my window

FERRAMENTA STANDARD LINE FINESTRE



ACP 50410

Kit punto di chiusura a fungo di sicurezza
Cfz: 20 kit

*Safety closure point kit
Pkg: 20 kits*



ACP 50433

Cremonese bidirezionale Aurora senza manico
Cfz: 10 pz

*Aurora bidirectional cremone bolt without handle
Pkg: 10 pcs*



ACP 50400

Cremonese bidirezionale aurora
Cfz: 10 pz

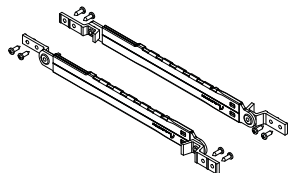
*Aurora bidirectional cremone bolt
Pkg: 10 pcs*



ACP 50434

Cremonese a/r Aurora senza manico
Cfz: 10 pz

*Aurora a / r cremone bolt without handle
Pkg: 10 pcs*



ACP 50411

Bracci a sporgere telescopici
Cfz: 10 cp

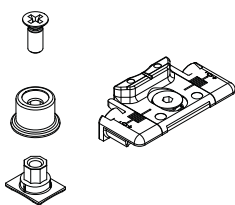
*Extendable telescopic arms
Pkg: 10 cp*



ACP 50445

Blocchetti collegamento cremonese
Cfz: 100 cp

*Cremone connection blocks
Pkg: 100 cp*



ACP 50421

Kit punto di chiusura registrabile
Cfz: 10 kit

*Adjustable locking point kit
Pkg: 10 kits*



ACP 50458

Kit 6 punti di chiusura
Cfz: 10 kit

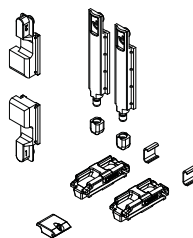
*6 locking points kit
Pkg: 10 kits*



ACP 50432

Impugnatura asportabile cremonese Aurora.
Cfz: 10 pz

*Removable aurora handle
Pkg: 10 pcs*



ACP 50475

Kit finestra 1 anta battente
Cfz: 10 kit

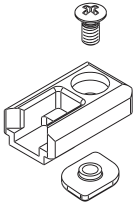
*Window kit 1 hinged door
Pkg: 10 kits*



Info prodotto 2022.1

20.11.2020

FERRAMENTA STANDARD LINE FINESTRE

	ACP 50525 Terminale asta Cfz: 50 pz <i>Rod terminal Pkg: 50 pcs</i>
	ACP 50582 Incontro doppio in nylon Cfz: 100 pz <i>Double nylon striker Pkg: 100 pcs</i>



Info prodotto 2022.1

20.11.2020

FERRAMENTA STANDARD LINE ANTA A RIBALTA

ACP 50456

Cerniere a/r telai piani
Cfz: 10 pz

Round hinges for flat frames
Pkg: 10 pcs

ACP 50457

Cerniere a/r telai complanari
Cfz: 10 pz

A / r hinges on coplanar frames
Pkg: 10 pcs

ACP 50459

Adattatore anta abbinata per
cerniere ACP 50456 e ACP
50457
Cfz: 10 pz
Matching door adapter for ACP 50456 and ACP
50457 hinges
Pkg: 10 pcs

ACP 50446/350

Braccio ribalta extra corto per
ante da 350 a 410mm
Cfz: 10 pz
Extra short tilt arm for doors from 350 to
410mm
Pkg: 10 pcs

ACP 50446/415

Braccio ribalta corto per
ante da 410 a 700mm con
microventilazione
Cfz: 10 pz
Short tilt arm for doors from 410 to 700mm
with microventilation
Pkg: 10 pcs

ACP 50446/538

Braccio ribalta lungo per
ante da 701 a 1800mm con
microventilazione
Cfz: 10 pz
Long tilt arm for doors from 701 to 1800mm
with microventilation
Pkg: 10 pcs

ACP 50447

Kit catenacci per a/r standard
(con prolunga alluminio)
Cfz: 10 kit
Deadbolt kit for standard round trip (with
aluminum extension)
Pkg: 10 kits

ACP 50448

Traino per cremone
monodirezionale
Cfz: 10 pz
Towing for monodirectional cremone bolt
Pkg: 10 pcs

ACP 50476

Kit a/r con traino per
cremone e 2 funghetti AE
Cfz: 10 kit
A / r kit with drive for cremone bolt and 2 anti-
burglary locking point
Pkg: 10 kits

ACP 50477

Kit a/r con meccanismo
martellina e 2 funghetti AE
Cfz: 10 kit
A / r kit with handle mechanism and 2 anti-
burglary locking point
Pkg: 10 kits



Info prodotto 2022.1

20.11.2020

FERRAMENTA STANDARD LINE ANTA A RIBALTA

	ACP 50478 Kit a/r con meccanismo EXENS e 2 funghetti AE Cfz: 10 kit <i>A / r kit with EXENS mechanism and 2 anti-burglary locking point Pkg: 10 kits</i>		ACP 50401 Cremonese a/r Aurora Cfz: 10 pz <i>Cremonese a / r aurora Pkg: 10 pcs</i>
	ACP 50546/415 Braccio ribalta corto per ante da 410 a 700mm manovra logica Cfz: 10 pz <i>Short tilting arm for doors from 410 to 700mm logic operation Pkg: 10 pcs</i>		ACP 50482 Incontro doppio in nylon Cfz: 100 pz <i>Double nylon striker Pkg: 100 pcs</i>
	ACP 50546/538 Braccio ribalta lungo per ante da 550 a 1800mm manovra logica Cfz: 10 pz <i>Long tilting arm for doors from 550 to 1800mm logic operation Pkg: 10 pcs</i>		ACP 5153 Braccio supplementare da abbinare ad ACP 5151, ACP 5163 e ACP 50446/538 per ante superiori a 1000mm Cfz: 5 kit <i>Additional window arm for ACP 5151, 5163, 50446/550 for L>1000mm window Pkg: 5kit</i>
	ACP 50323 Kit a/r con meccanismo EXENS per manovra logica Cfz: 10 kit <i>A / r kit with EXENS mechanism for logic operation Pkg: 10 kits</i>		
	ACP 50481 Kit a/r con traino cremonese per manovra logica Cfz: 10 kit <i>A / r kit with cremone bolt drive for logical maneuver Pkg: 10 kits</i>		



Info prodotto 2022.1

20.11.2020

 it's my window

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FERRAMENTA STANDARD LINE PORTE



ACP 9918N

Cerniera STRONG EVO 2 ali
per telai piani
Cfz: 20 pz

*STRONG EVO 2-wing hinge for flat frames
Pkg: 20 pcs*



ACP 9938N

Cerniera STRONG EVO 2 ali per
terza anta e telai coplanari
Cfz: 20 pz

*STRONG EVO 2-wing hinge for third sash and
coplanar frames
Pkg: 20 pcs*



ACP 50341

Basetta copricilindro
Cfz: 20 pz

*Cylinder cover base
Pkg: 20 pcs*



Info prodotto 2107

09.02.2021

alsistem.com

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
	ACP 5166 SECRET - Kit Cerniere VASISTAS per infissi fino a 2.500 mm di larghezza: cerniera DX e SX e 2 Alzante
	ACP 5167 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

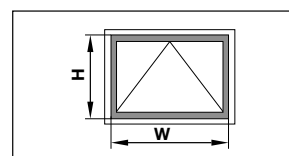
KIT CERNIERE VASISTAS SECRET

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

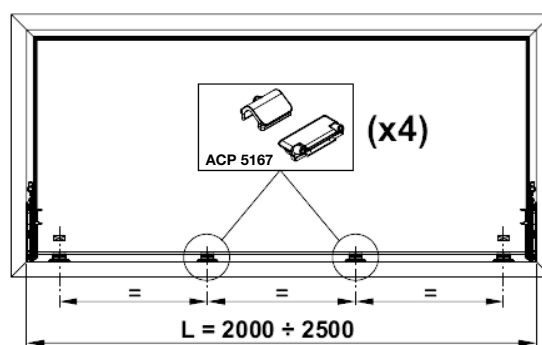
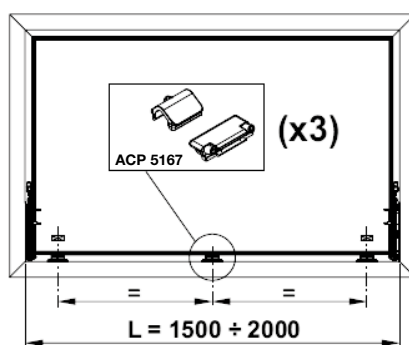
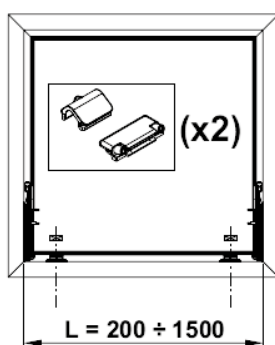


Descrizione / Description	Art./Item	KG	W (mm)	H (mm)
Braccio limitatore di apertura	ACP 5165	130 kg	200÷2500	420÷2500
Kit vasistas	ACP 5171	250 kg	780÷2500	600÷3000

LARGHEZZA MASSIMA 2.500 mm

1.500 ÷ 2.000 mm (+ 1 elemento riposa ante)

2.000 ÷ 2.500 mm (+ 2 elementi riposa ante)





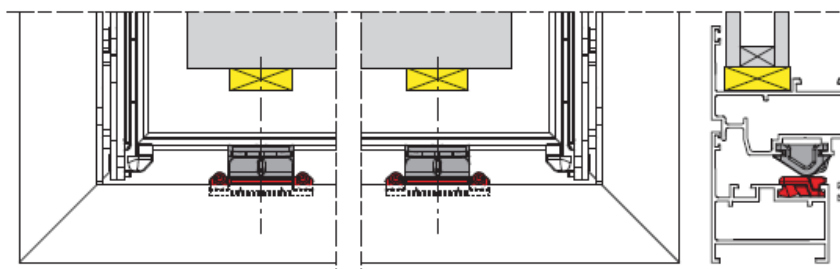
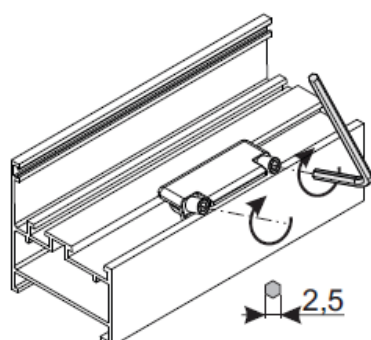
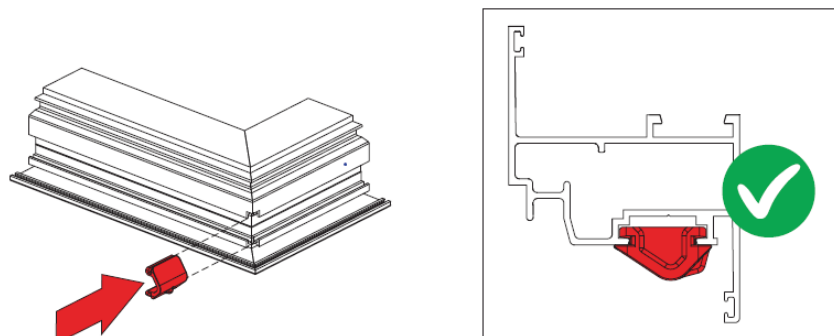
Info prodotto 2107

09.02.2021

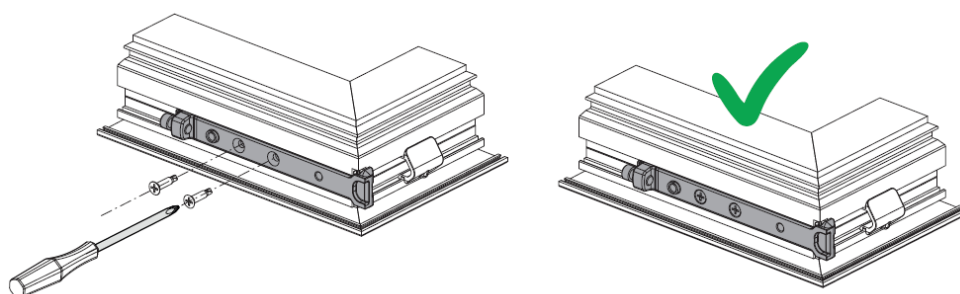
KIT CERNIERE VASISTAS SECRET

SEQUENZA DI INSTALLAZIONE

1 Sostegno anta



2 Componente ANTA





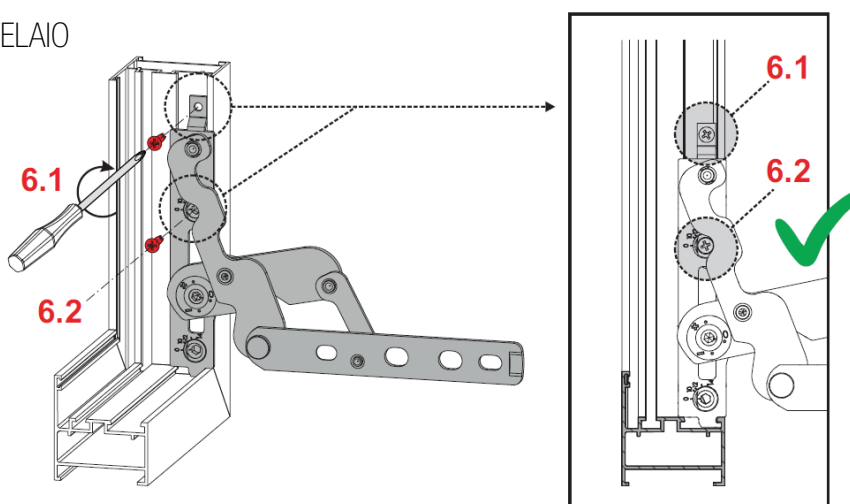
Info prodotto 2107

09.02.2021

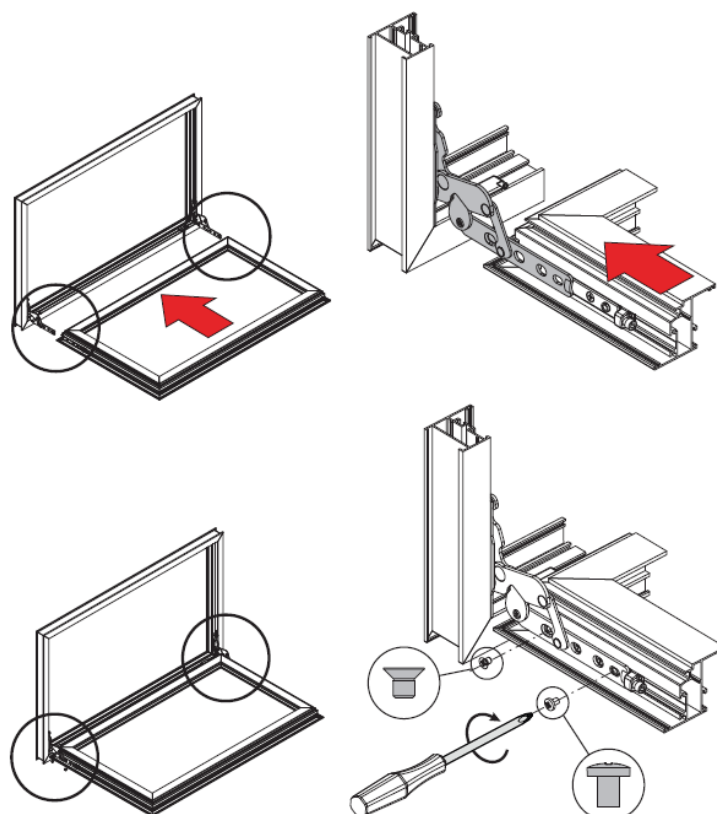
KIT CERNIERE VASISTAS SECRET

SEQUENZA DI INSTALLAZIONE

3 Componente TELAIO



4 Unione anta a telaio





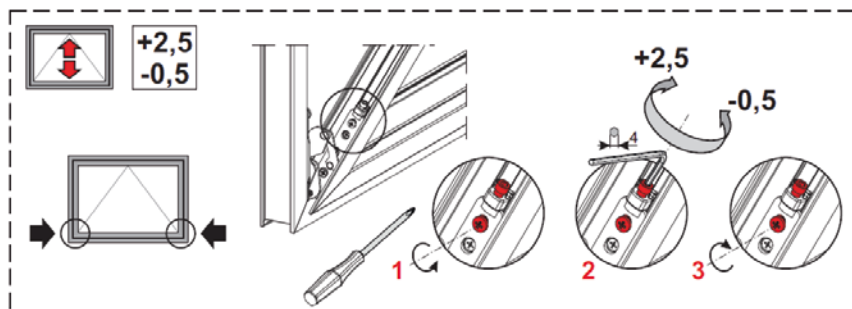
Info prodotto 2107

09.02.2021

KIT CERNIERE VASISTAS SECRET REGOLAZIONI

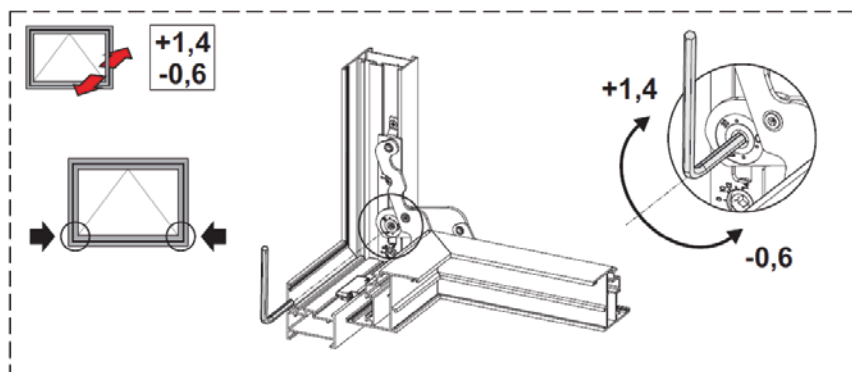
Regolazione in **altezza**:

+ 2,5 ÷ - 0,5 mm



Regolazione in **compressione**:

+ 1,4 ÷ - 0,6 mm





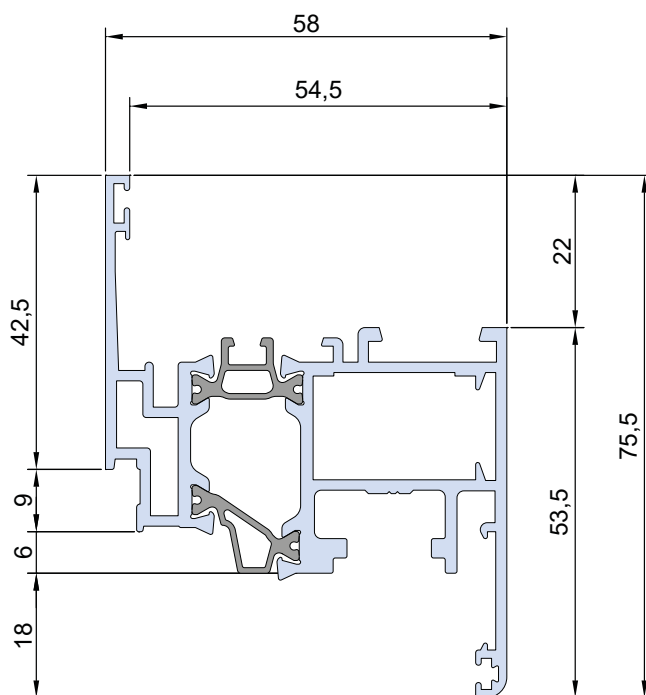
Info prodotto 2201

1.06.2022

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

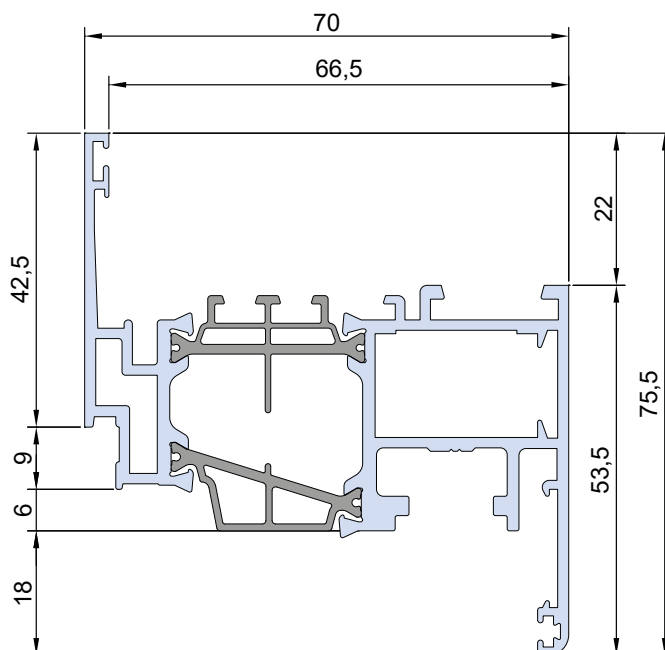
1.06.2022

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Updates

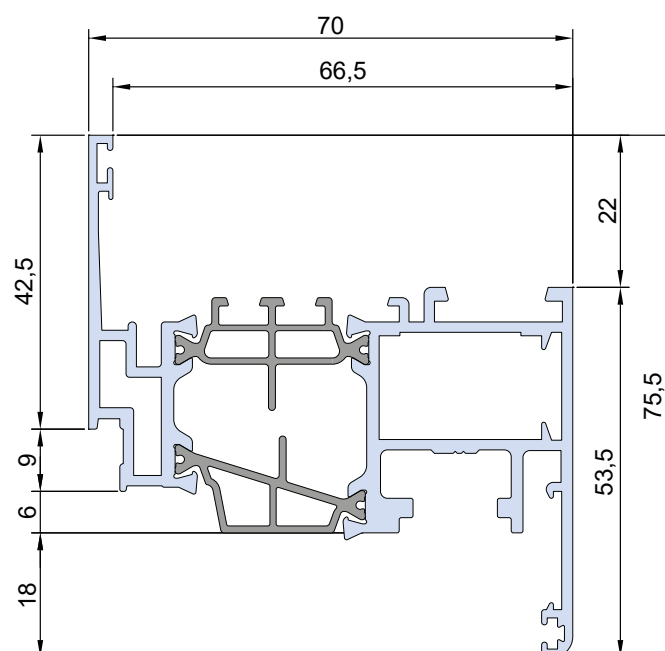
TT 61911

1659 gr/m



UP 61911

1617 gr/m





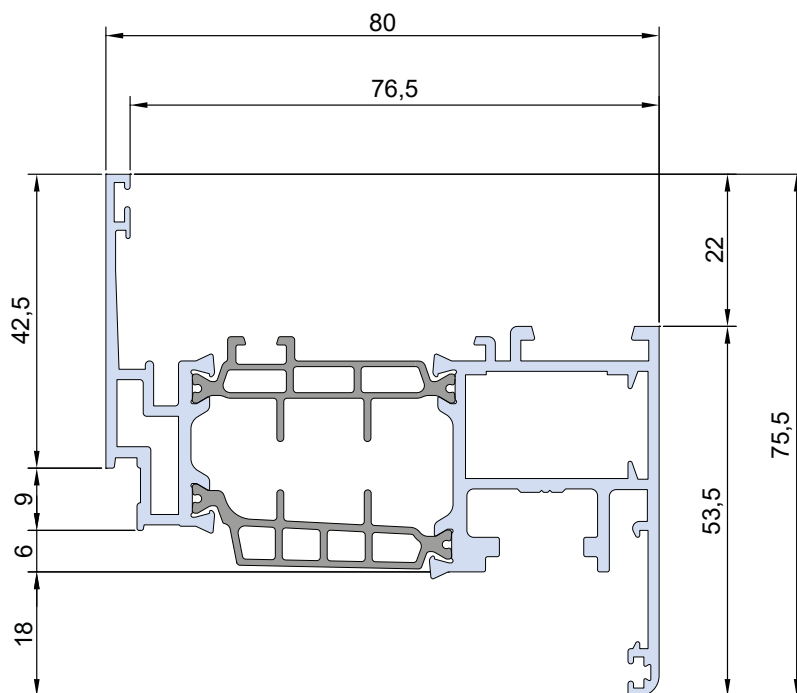
Info prodotto 2201

1.06.2022

it's my window

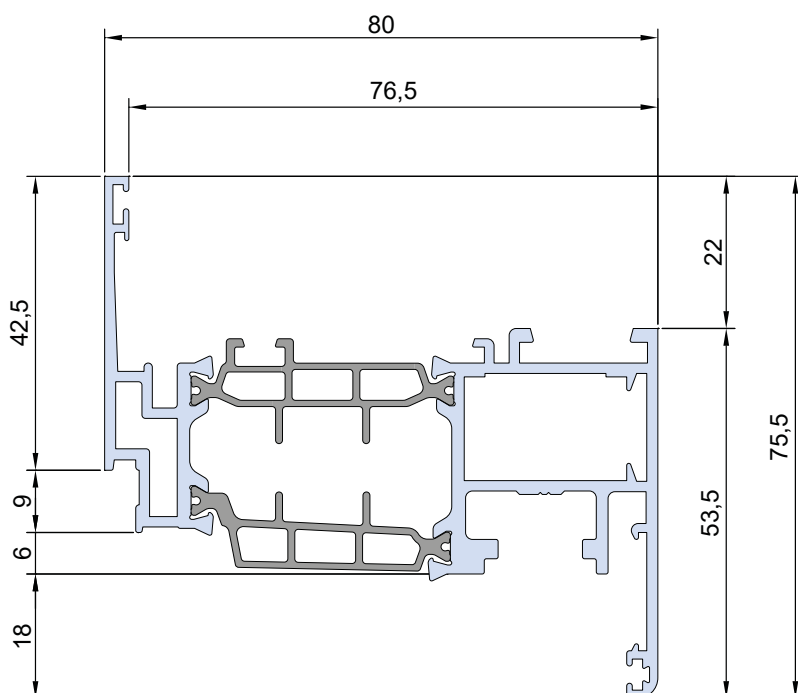
TT 71911

1727 gr/m



UP 71911

1650 gr/m

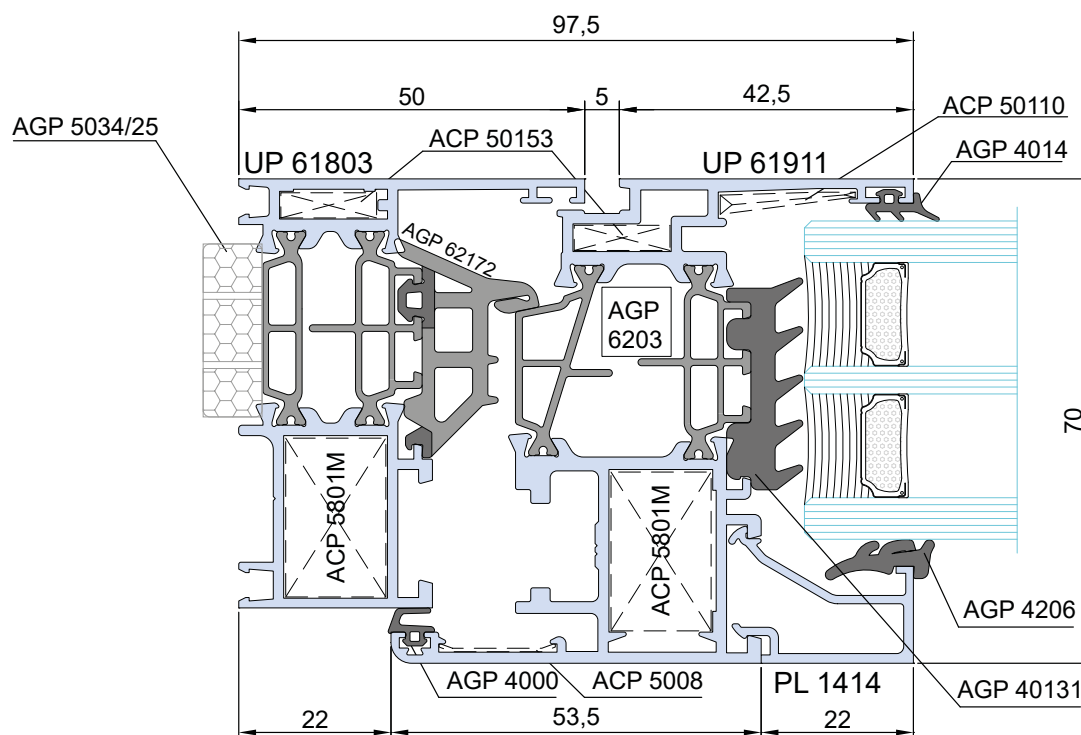




Info prodotto 2201

1.06.2022

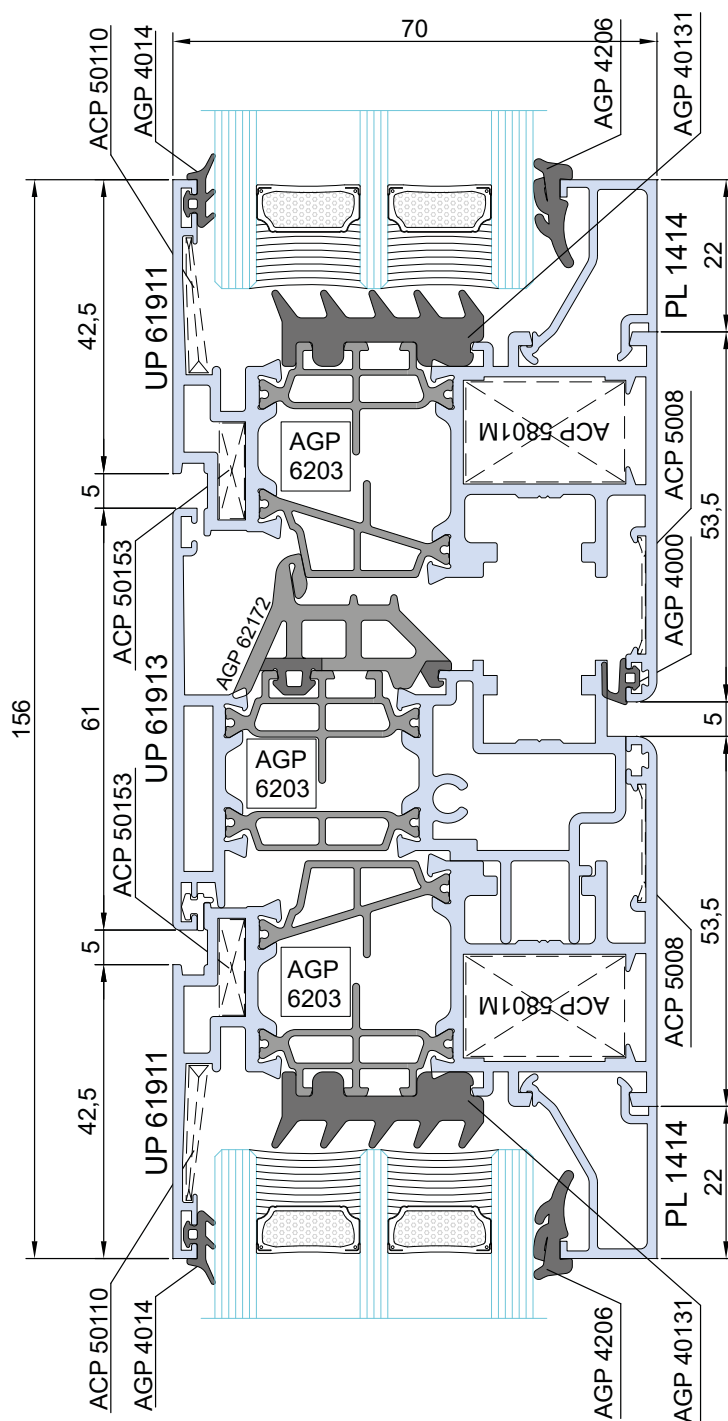
alsistem.com





Info prodotto 2201

1.06.2022





Info prodotto 2202

01.06.2022

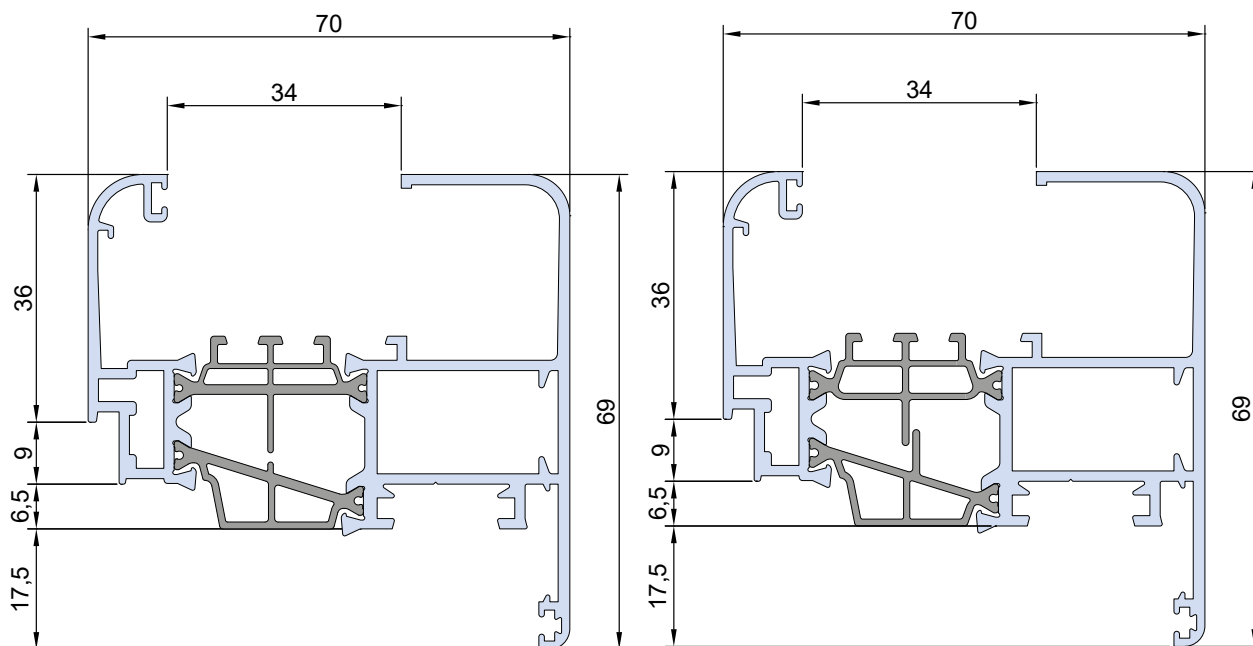
alsistem.com

AGGIORNAMENTI
CATALOGO
Lavori

Anta vetro infilare spazio 34mm Planet 62 Plus/UP

Informiamo che è disponibile il profilo **anta vetro infilare spazio 34mm** per i sistemi **Planet 62 Plus/UP**.

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 61852

1614 gr/m

UP 61852

1572 gr/m

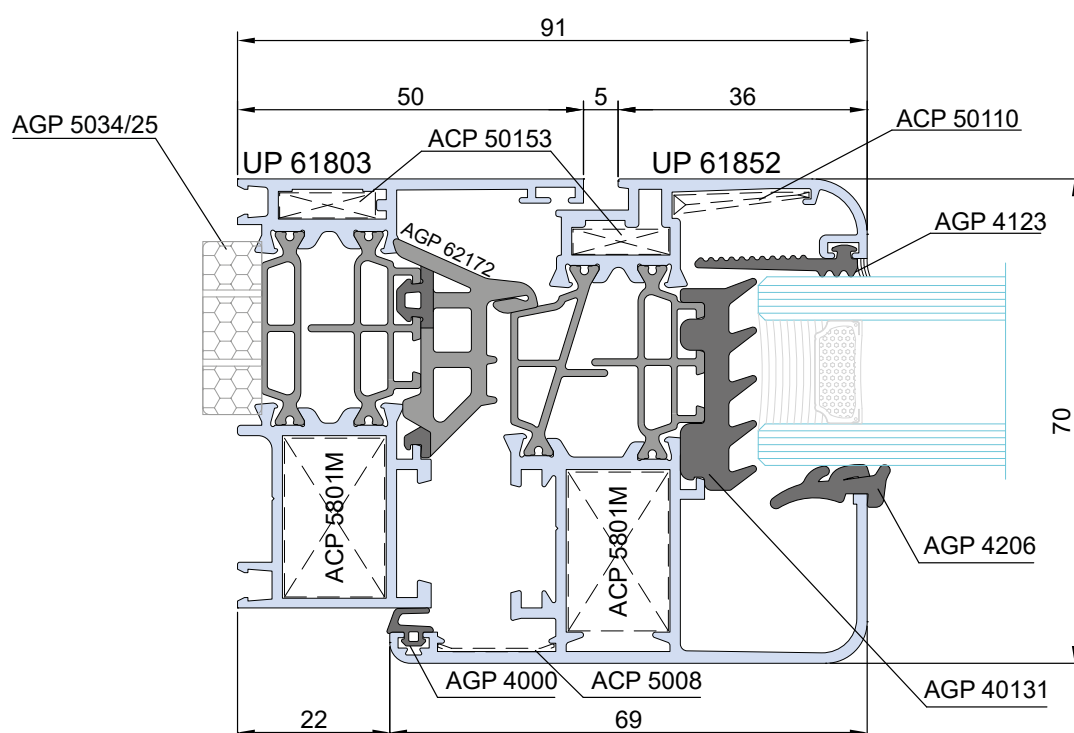
	EasyDoor	Ecoslim 50 TT	Ecoslim 62 TT	Ecoslim 62 UP	Ecoslim 72 TT	Ecoslim 72 UP	Elite Door 72	Door 62	Door 72	Sirio 50	Smart 30	Planet 45	Planet 50 PLUS	Planet 62 PLUS	Planet 62 UP	Planet 72 PLUS	Planet 72 UP	Matic 50 PLUS	Matic 62 PLUS	Matic 62 UP	Matic 72 PLUS	Matic 72 UP	3G	3G UP	Matic 3G	Matic 3G 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 2202

01.06.2022

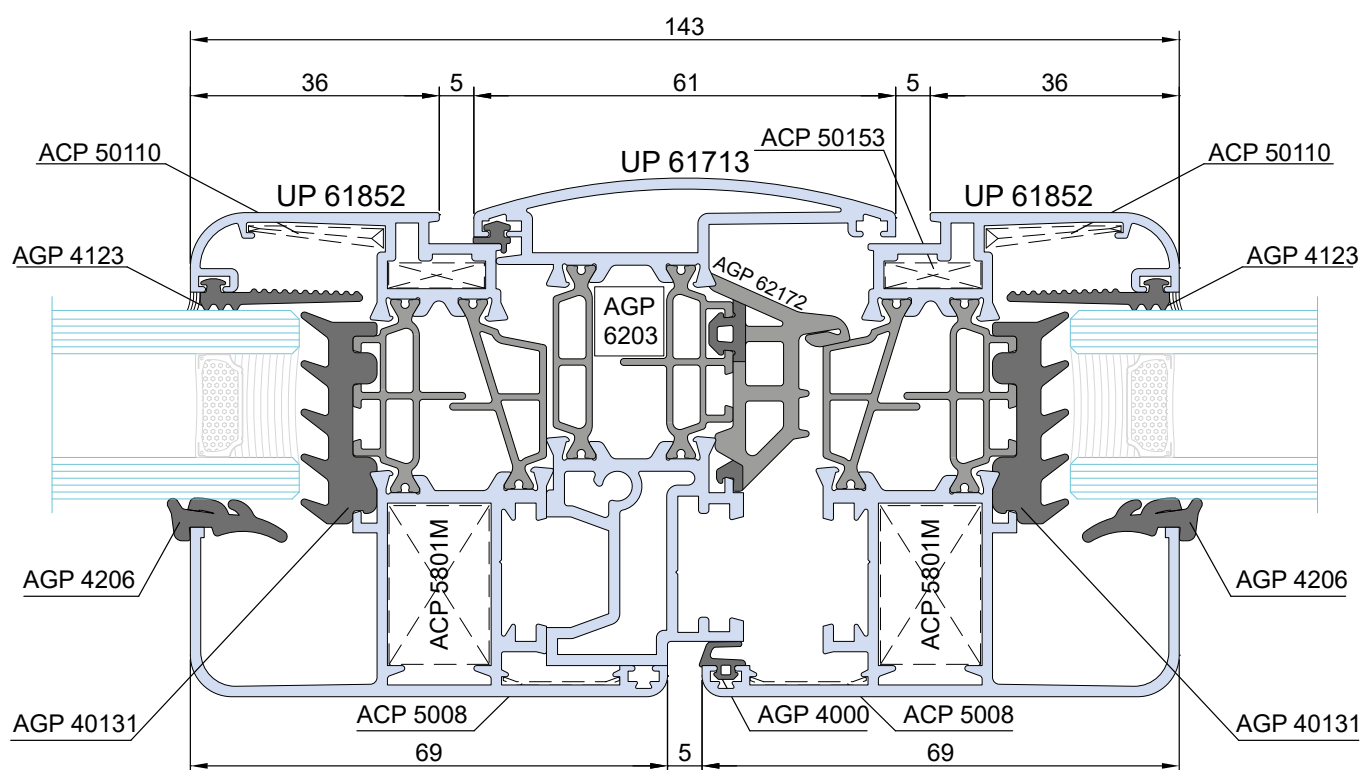
it's my window





Info prodotto 2202

01.06.2022





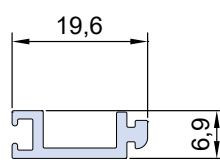
Info prodotto 2204

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	

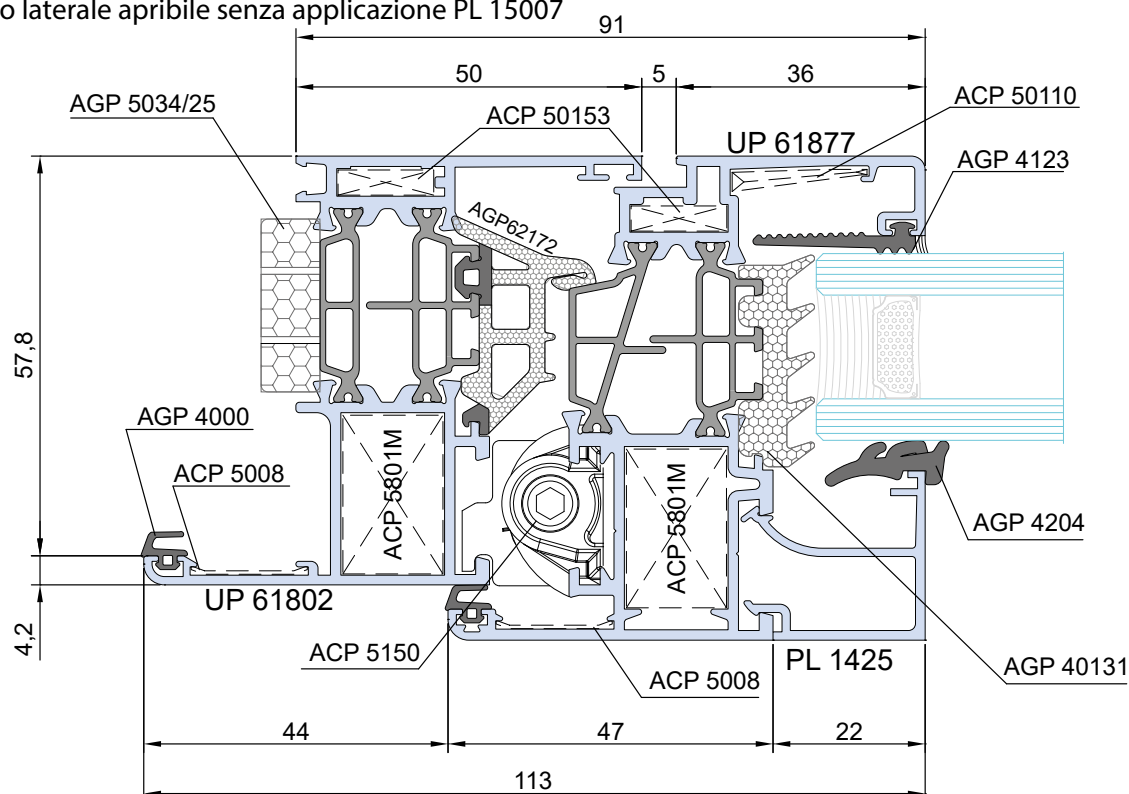


Info prodotto 2204

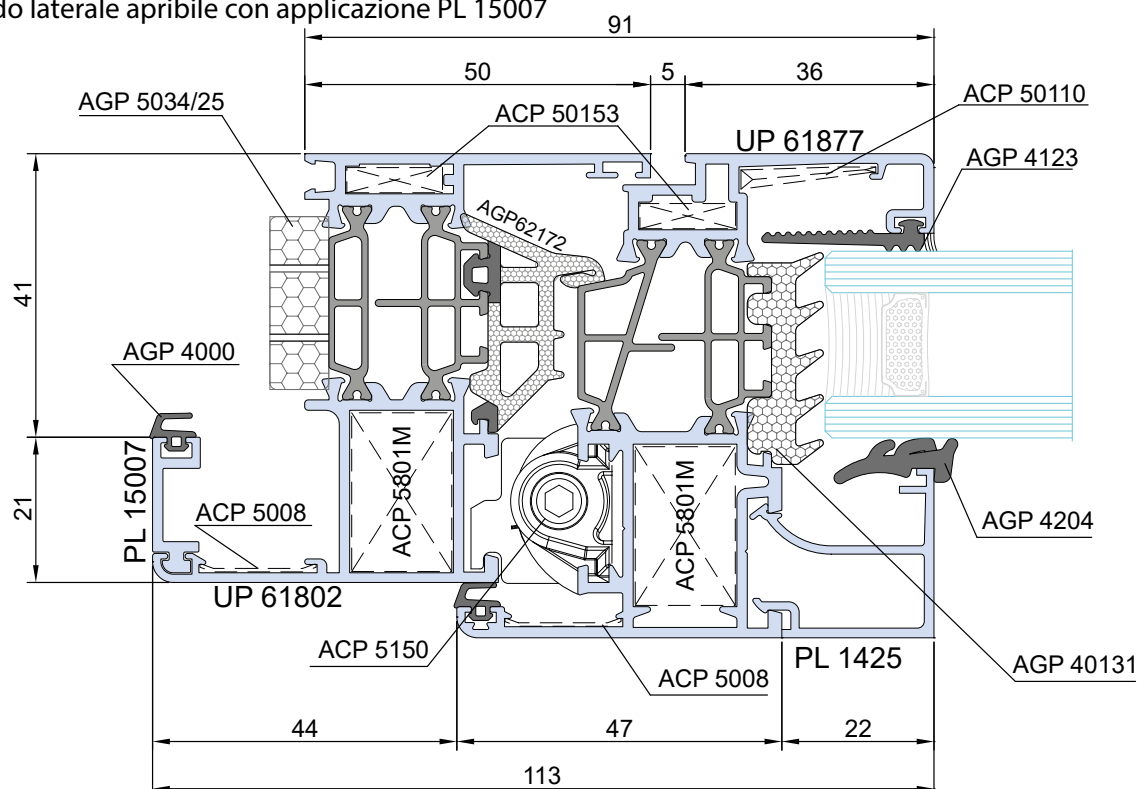
01.06.2022

it's my window

Nodo laterale apribile senza applicazione PL 15007



Nodo laterale apribile con applicazione PL 15007





Info prodotto 2207

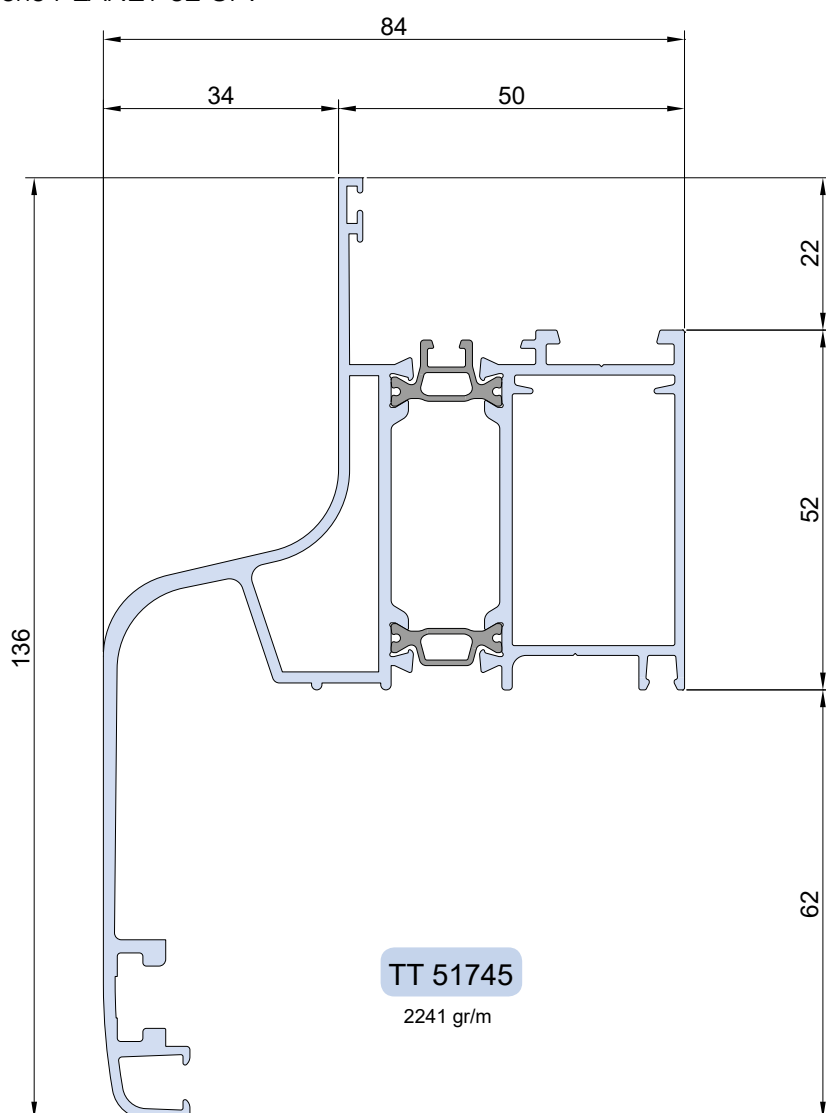
01.06.2022



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.

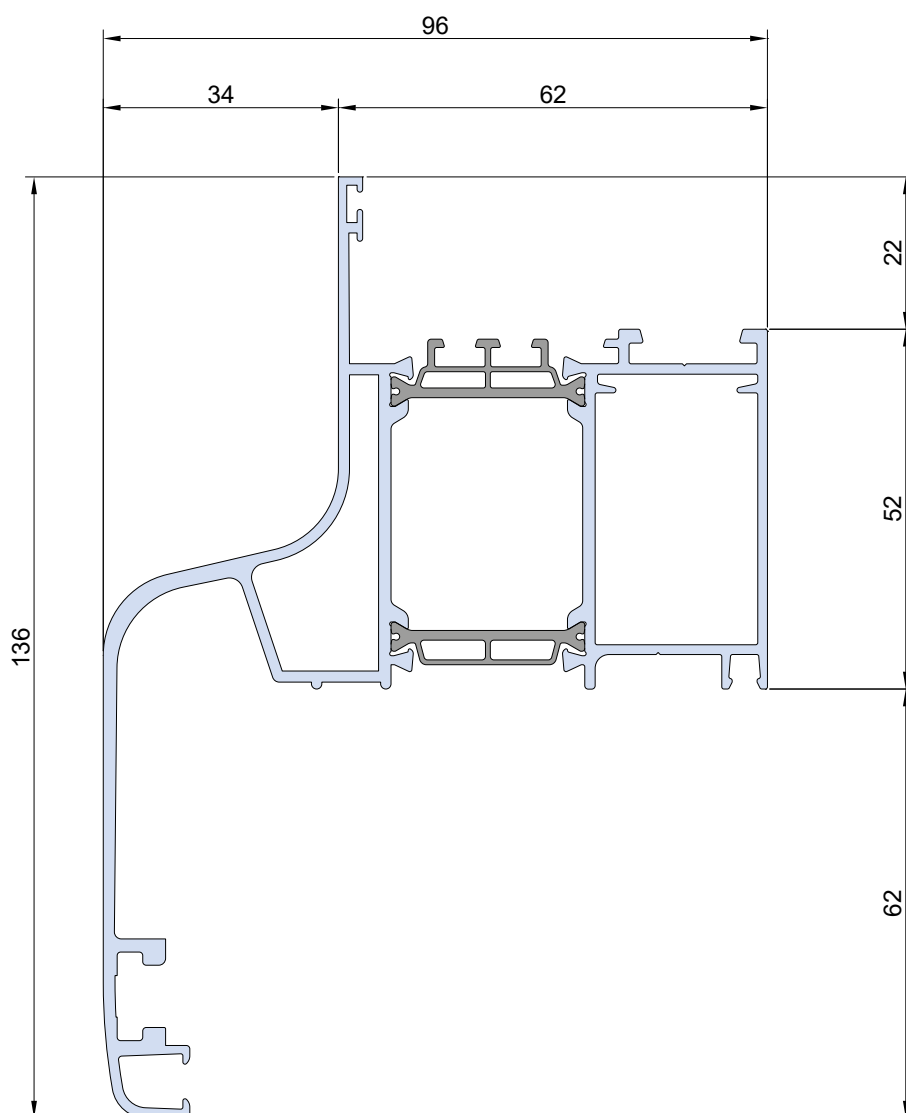


EasyDoor
Ecoslim 50 TT
Ecoslim 62 TT
Ecoslim 62 UP
Ecoslim 72 TT
Ecoslim 72 UP
Elite Door 72
Door 62
Door 72
Sirio 50
Smart 30
Planet 45
Planet 50 PLUS
Planet 62 PLUS
Planet 62 UP
Planet 72 PLUS
Planet 72 UP
Matic 50 PLUS
Matic 62 PLUS
Matic 62 UP
Matic 72 PLUS
Matic 72 UP
3G
3G UP
Matic 3G
Matic 3G 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

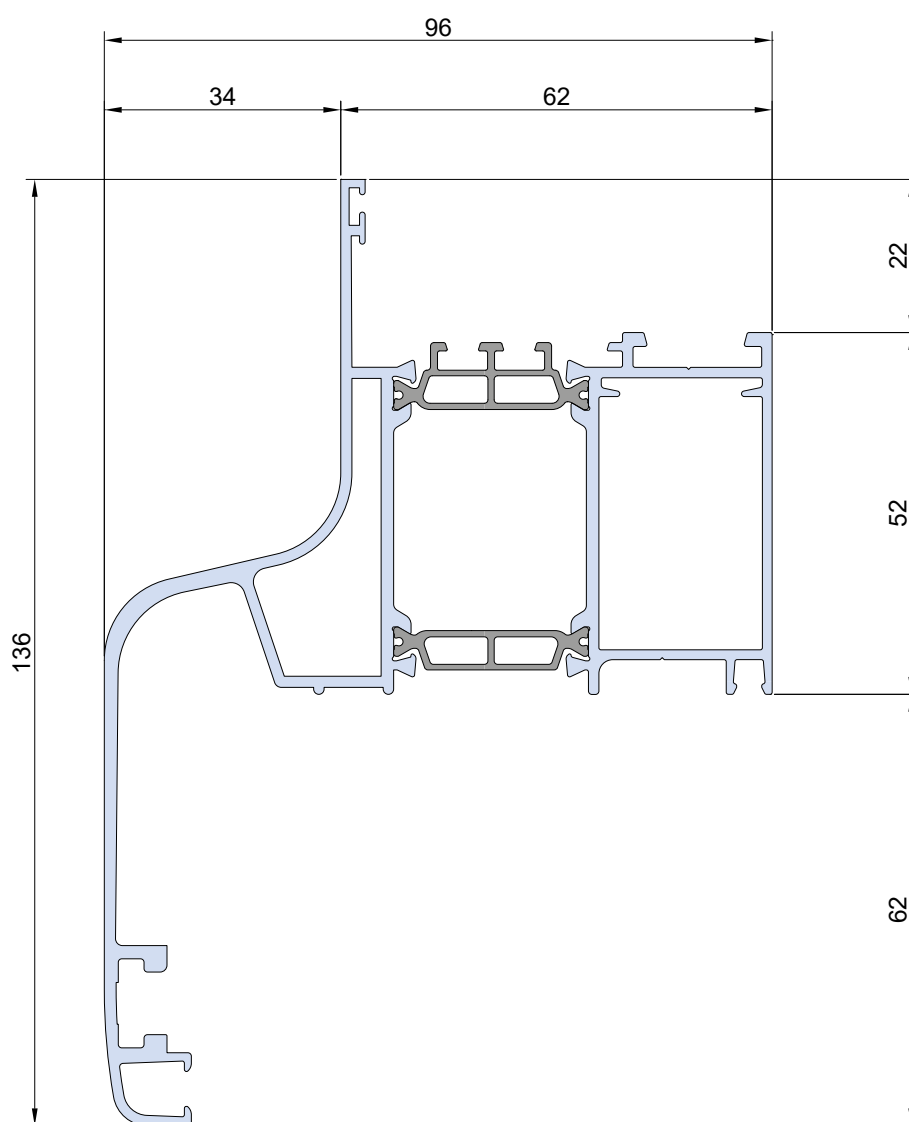
2315 gr/m



it's my window

Info prodotto 2207

01.06.2022



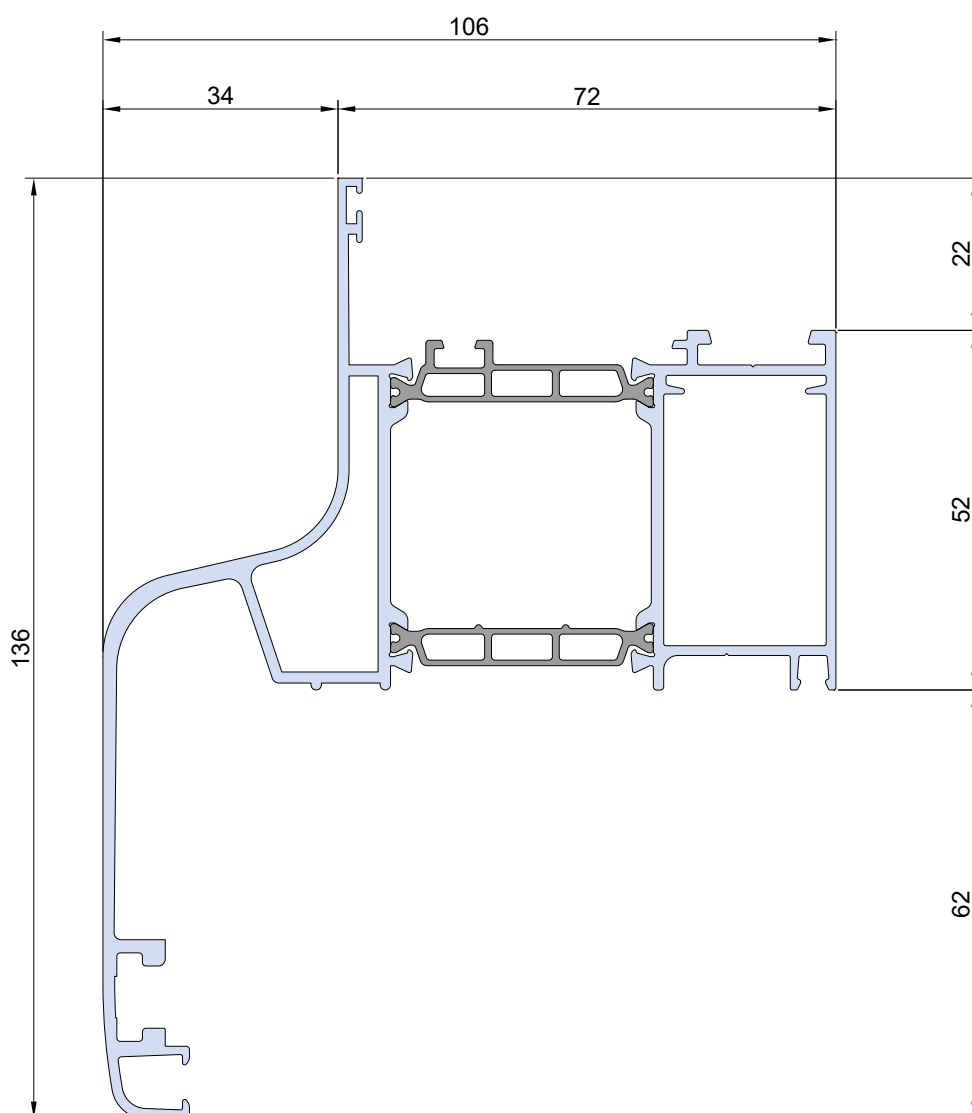
UP 61745

2276 gr/m



Info prodotto 2207

01.06.2022



TT 71745

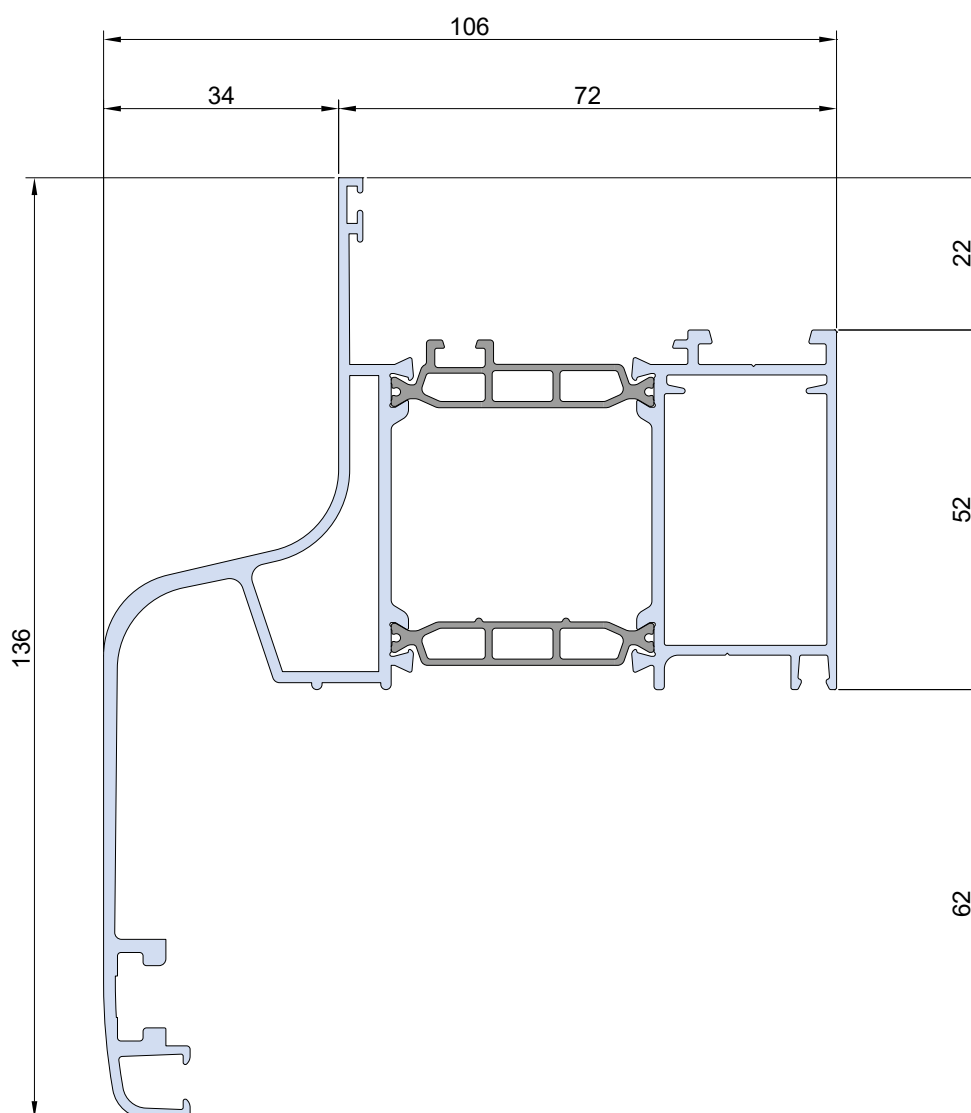
2356 gr/m



Info prodotto 2207

01.06.2022

it's my window



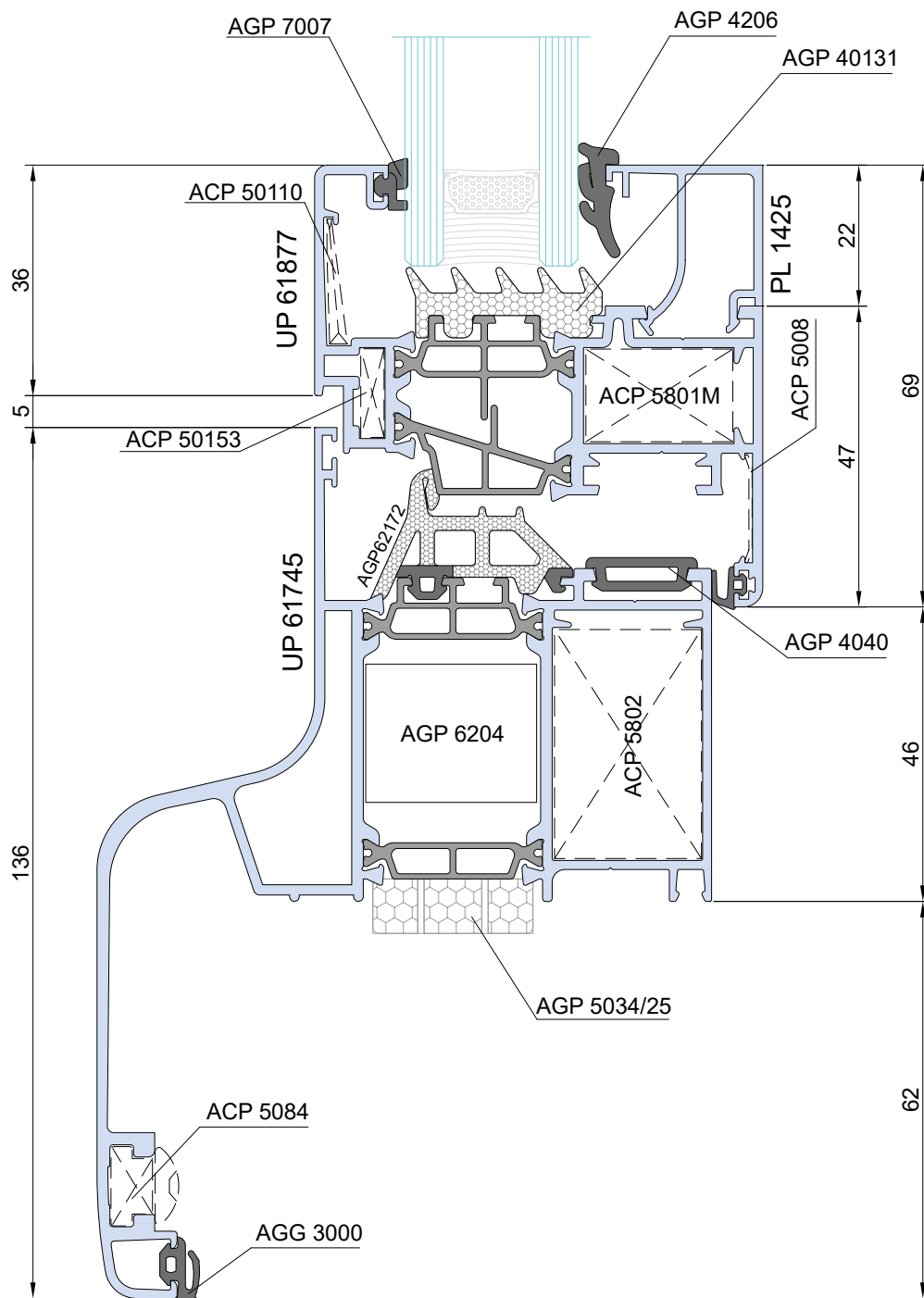
UP 71745

2296 gr/m



Info prodotto 2207

01.06.2022





Info prodotto 2303

18.05.2023

it's my window

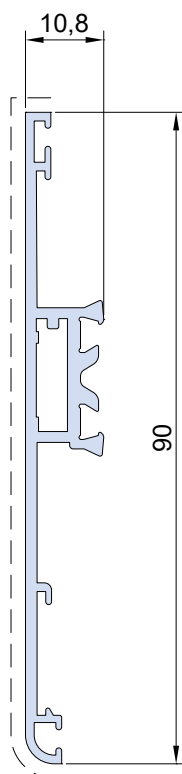
Scocca esterna telaio "T" battuta 40mm

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	



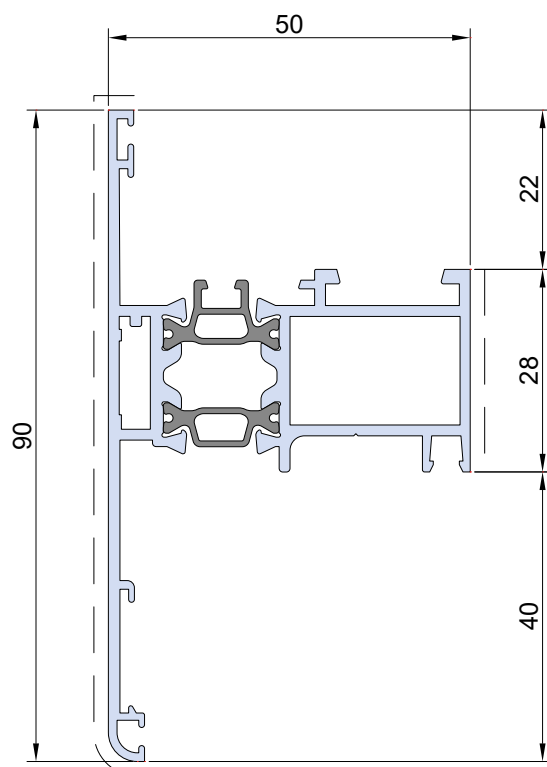
Info prodotto 2303

18.05.2023

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PLANET **50** *plus*



TT 51826

1273 gr/m

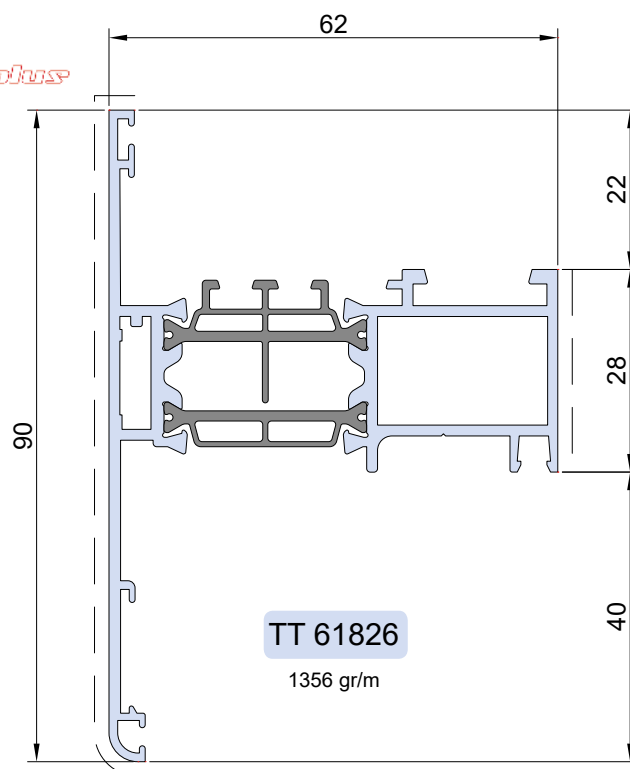


Info prodotto 2303

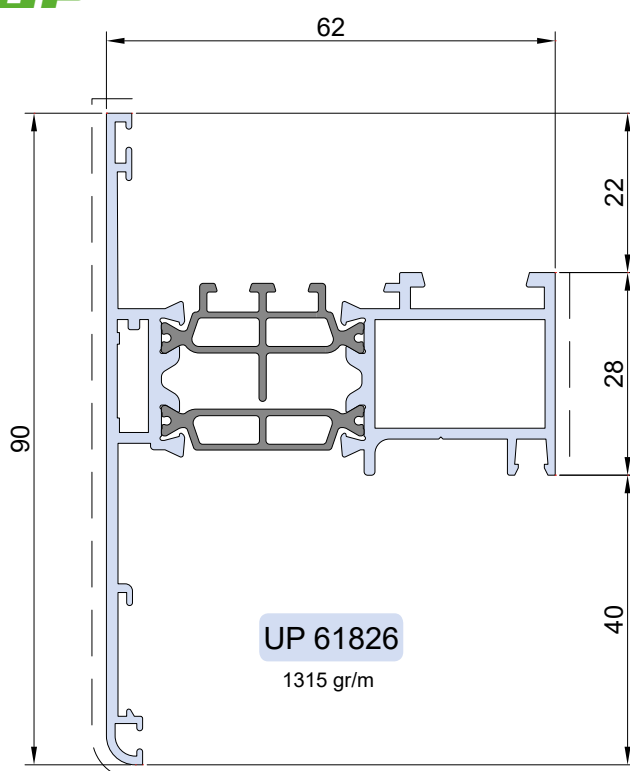
18.05.2023

it's my window

PLANET *b2* plus



PLANET *b2* UP





it's my window

Info prodotto 2304-1

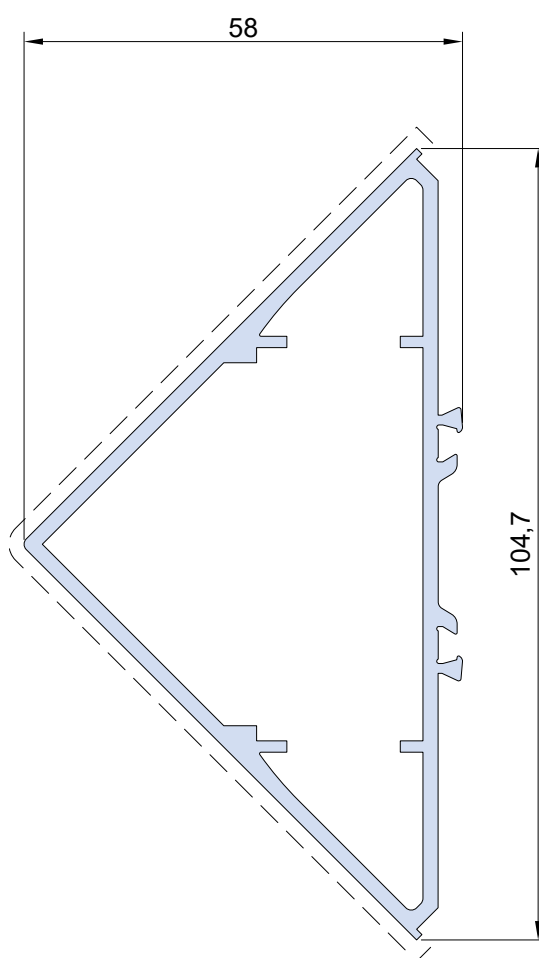
18.07.2023

Pilastro d'angolo a 90° retto

Vi informiamo che è stato dato il benestare al profilo scocca esterna per la realizzazione del pilastro d'angolo 90° retto

Di seguito trovate:

- Sagome dei vari profili assemblati con codici e pesi;
- Sezioni rappresentative;



23002

1513 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	

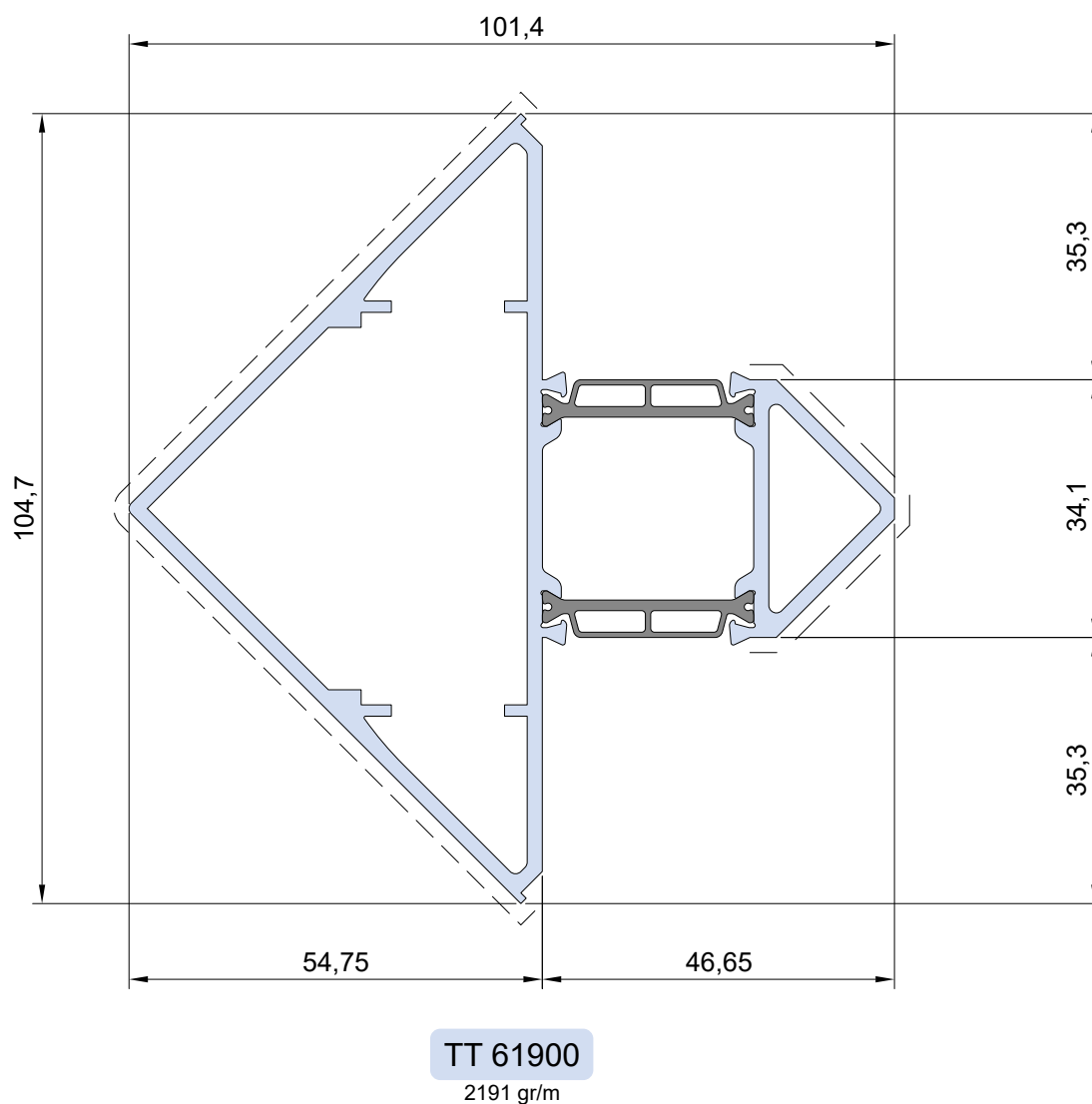


Info prodotto 2304-1

18.07.2023

it's my window

AGGIORNAMENTI
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Updates

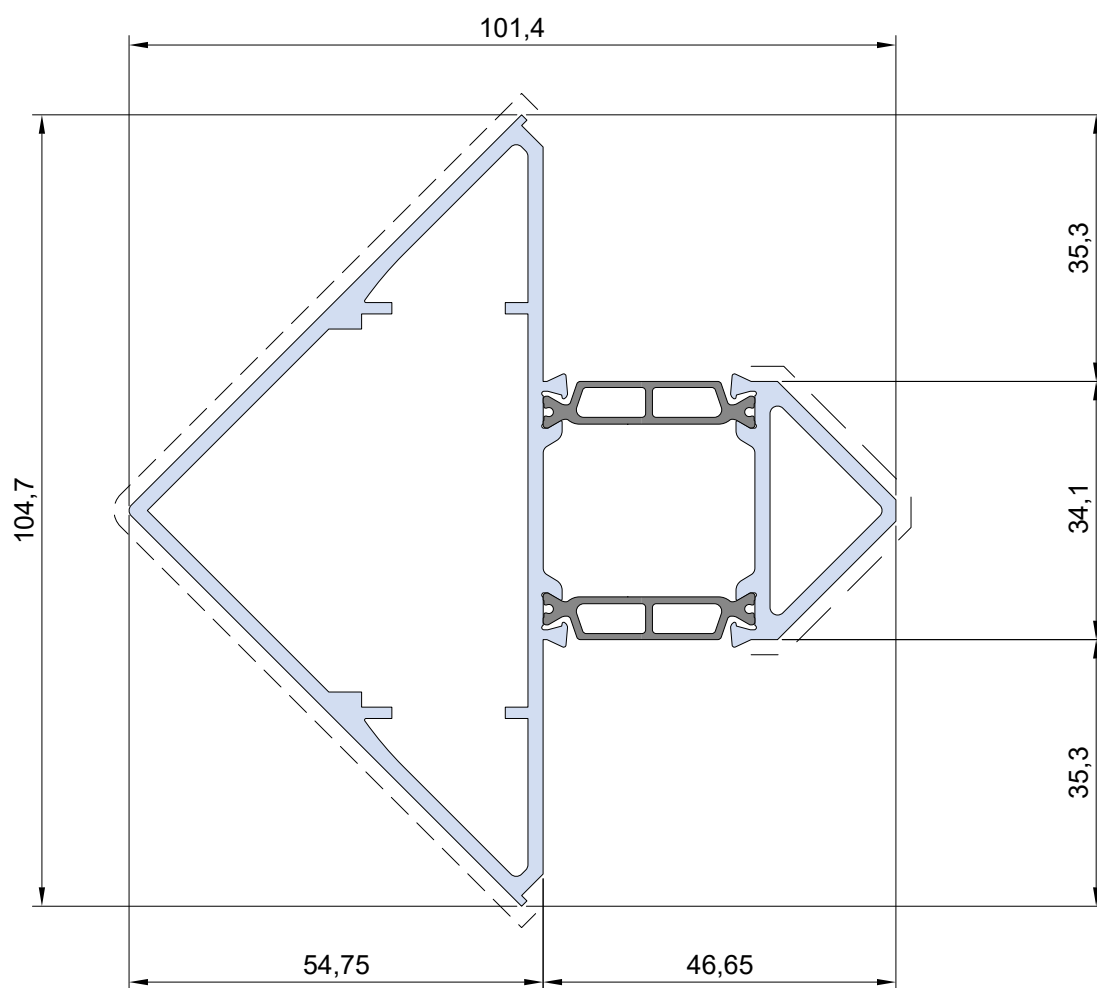




it's my window

Info prodotto 2304-1

18.07.2023



UP 61900

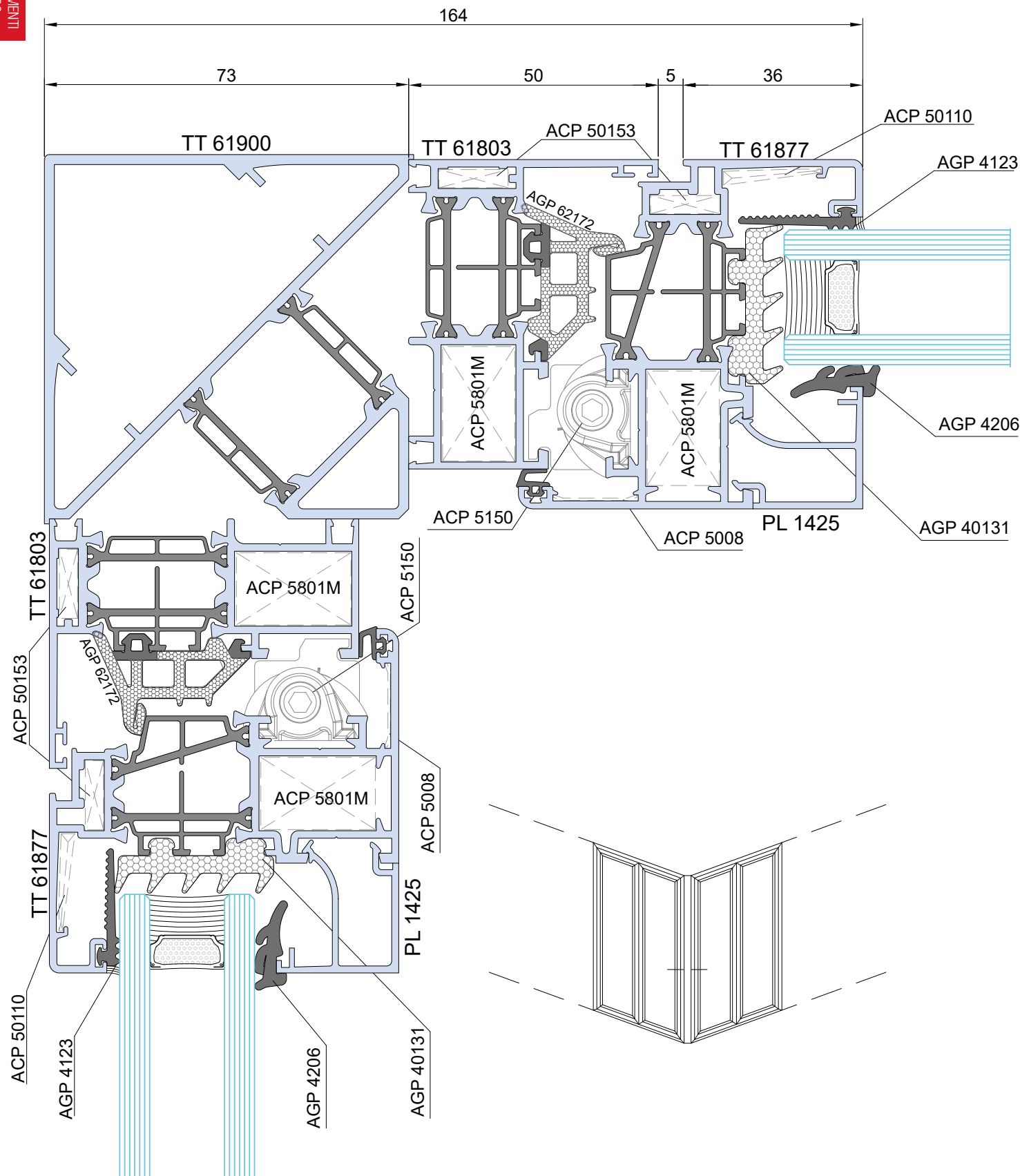
2156 gr/m



Info prodotto 2304-1

18.07.2023

PLANET 62PLUS

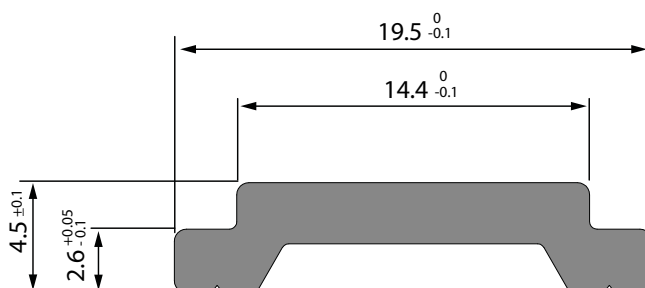
 AGGIORNAMENTI
CATALOGO
Updates


**Info prodotto 2305**

10.07.2023

Tac 1000

L'art. TAC 1000, astina di comando ALSistem, per la movimentazione dei sistemi di chiusura, rispetta le tolleranze geometriche e le caratteristiche meccaniche e termiche di seguito riportate.

**PROPRIETA' MECCANICHE**

Tipologia Test	Norma di riferimento	Unità di misura	Valori
Resistenza alla trazione	ISO 527	MPa	≥ 100
Modulo di elasticità in tensione	ISO 527	MPa	≥ 5500
Deformazione a rottura	ISO 527	%	≥ 2,5
Resistenza all'urto	ISO 179	kJ/m ²	≥ 25

PROPRIETA' TERMICHE

Caratteristiche	Norma di riferimento	Unità di misura	Valori
Conducibilità termica	DIN 52612	W/mK	~ 0,3
Coefficiente di espansione termica lineare		K	2,5 - 3 x 10 ⁻⁵
Punto di fusione	ISO 3146	°C	> 250
Temperatura di esercizio massima	a 5000 h	°C	~ 115
	a 20000 h	°C	~ 105
Temperatura di flessione sotto carico (1,8 MPa)	DIN EN ISO 75	°C	≥ 220

	EasyDoor																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Info prodotto 2401

06.03.2024



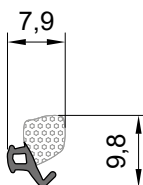
NUOVA GUARNIZIONE VETRAZIONE ESTERNA 4MM COESTRUSA

Vi informiamo che è disponibile la nuova guarnizione di vetratura esterna da 4mm coestrusa AGP 7008.

La guarnizione può essere utilizzata su tutti i sistemi Planet, Ecoslim, 3G, Nathura, Door, Top Slide, Smart 30.

Di seguito trovate:

- Sagoma della guarnizione con codice;
- Nodo esplicativo;



AGP 7008

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	

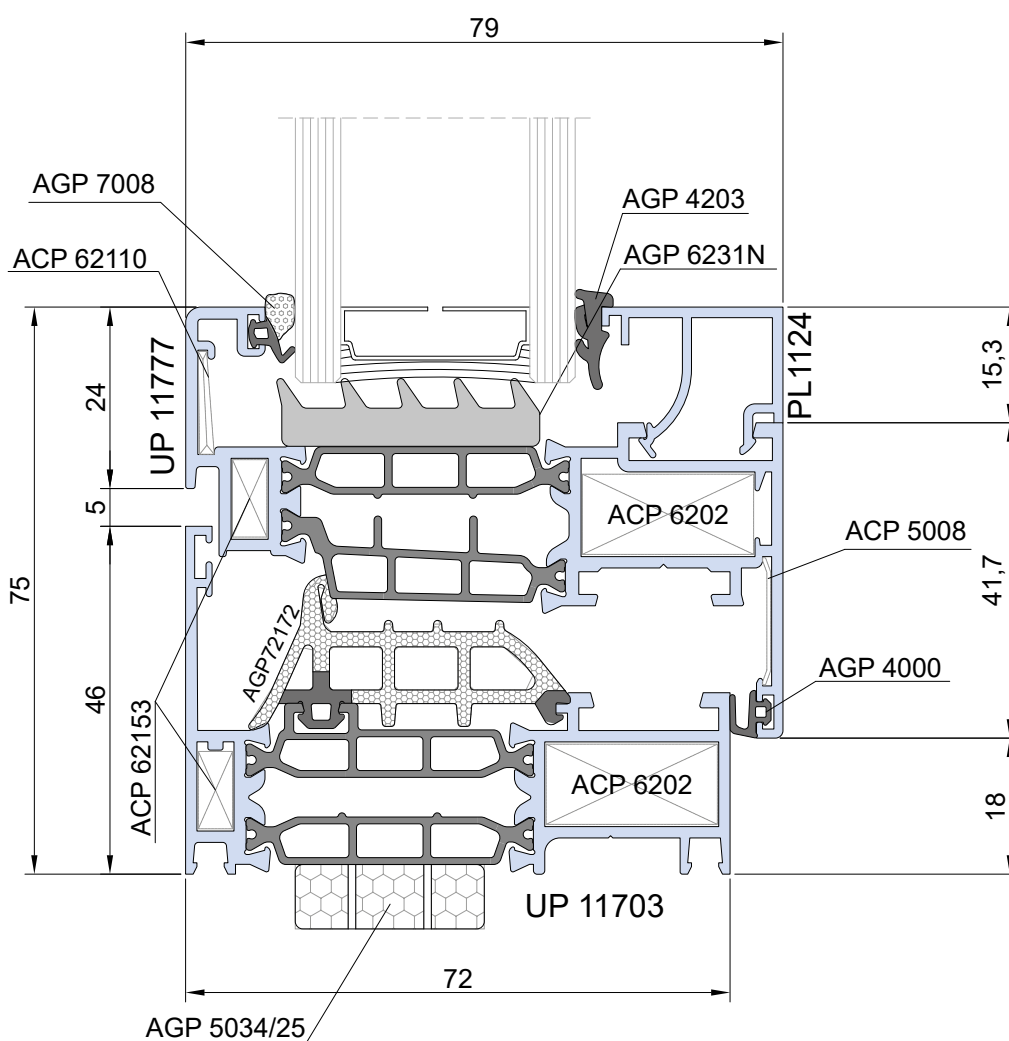


Info prodotto 2401

06.03.2024

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Info prodotto 2402

06.03.2024

it's my window

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ACP 50510 Squadretta di allineamento con colla

Vi informiamo che è disponibile la squadretta di allineamento con colla ACP 50510.

Si tratta di una squadretta che, rispetto all'attuale ACP 50110, è predisposta per l'iniezione della colla ed un serraggio dell'eccentrico maggiorato con chiave Torx.

Di seguito trovate:

- Tabella con codice, descrizione;
- Immagini esplicative;



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
							●	●			●	●	●	●	●	●	●	●	●	●	●					●	●	●	●				●		●	



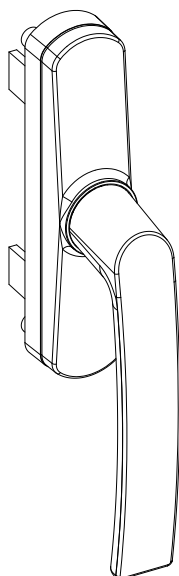
Info prodotto 2404

19.03.2024

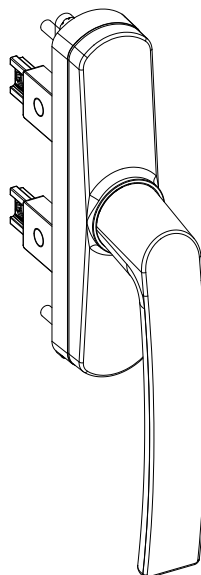
AGGIORNAMENTI
CATALOGO
1 Indietro

Nuove cremonesi

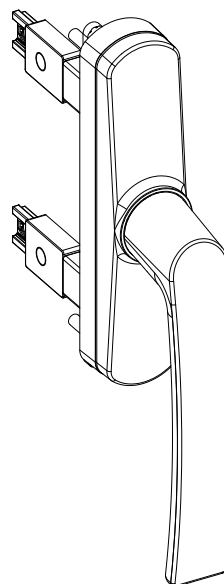
In riferimento alla Info Prodotto 2310 dove abbiamo presentato le nuove cremonesi ACP 50504, ACP 50505 e ACP 50506, insieme all'anta persiana, nella presente vi riportiamo le lavorazioni da eseguire sui profili e gli schemi di montaggio.



ACP 50504



ACP 50505



ACP 50506

*

#

* Consigliato per profili freddi

Consigliato per profili a taglio termico

	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
●	Planet 45 Persiana
●	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



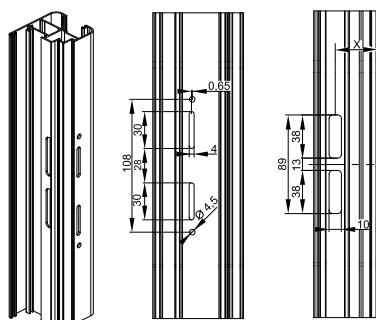
it's my window

Info prodotto 2404

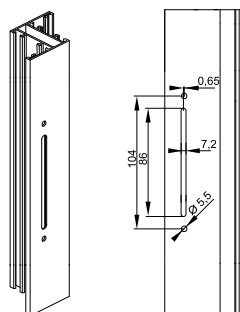
19.03.2024

AGGIORNAMENTI
CATALOGO
Updates

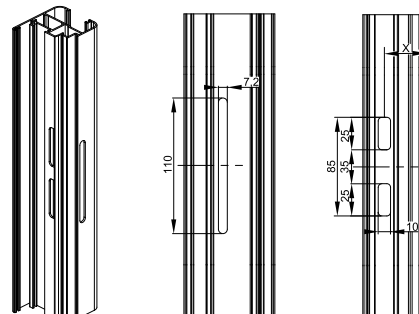
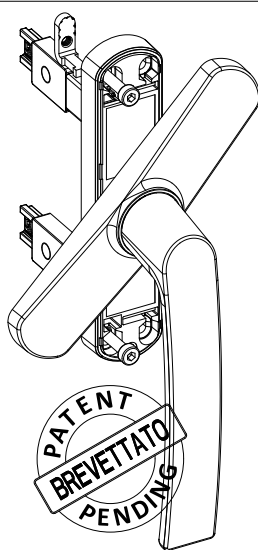
Apertura Esterna / fissaggio con
Macchinetta
External opening / fixing with mechanism



Apertura Interna / fissaggio
Universale
Internal opening / universal fixing

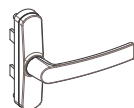


Apertura Esterna / fissaggio con
cursori regolabili
External opening / fixing with
adjustable racks



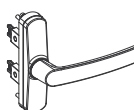
ACP 50504

TAB. 1



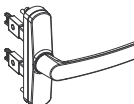
- IT** Cremonese apertura esterna / interna con Cursori 17,5mm
EN External/internal cremone bolt with racks 17,5mm

ACP 50505



- IT** Cremonese apertura esterna con Cursori regolabili
(14 - 37mm) e fissaggio rapido Brevettato
EN External cremone bolt with adjustable racks
(14 - 37mm) and Patented fast fixing

ACP 50505



- IT** Cremonese apertura esterna con Cursori regolabili
(30 - 52mm) e fissaggio rapido Brevettato
EN External cremone bolt with adjustable racks
(30 - 52mm) and Patented fast fixing

ACP 50507

TAB. 2



- IT** Perno di collegamento in Acciaio Zincato
EN Galvanized steel connection pin



it's my window

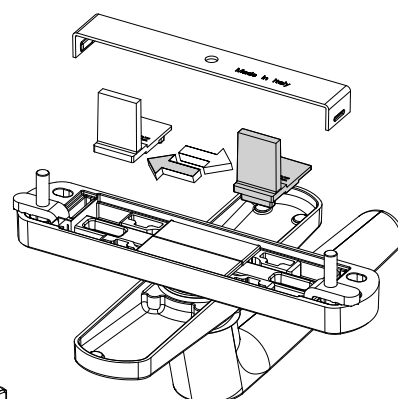
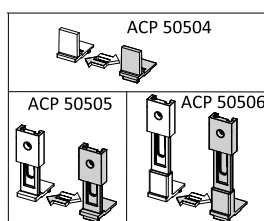
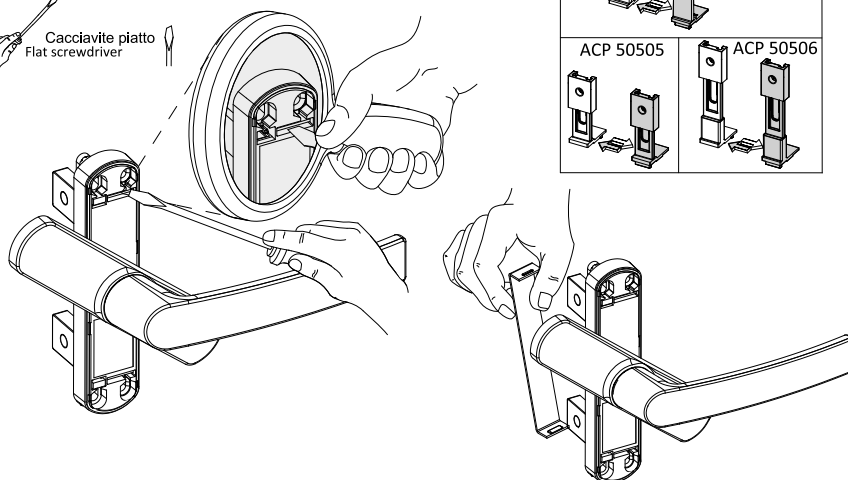
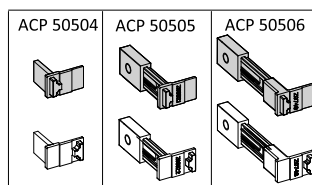
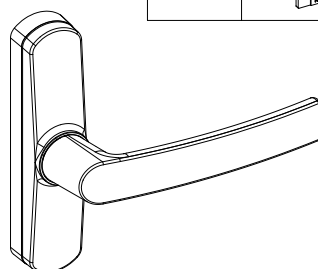
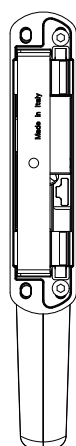
Info prodotto 2404

19.03.2024

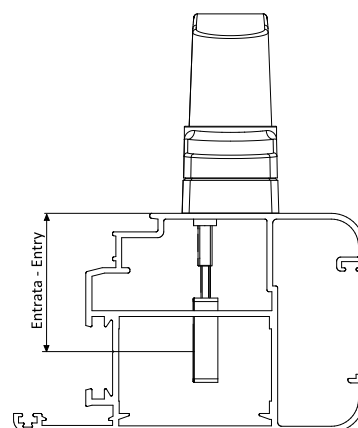
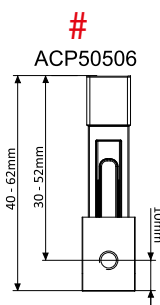
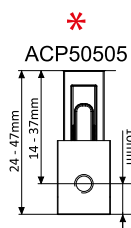
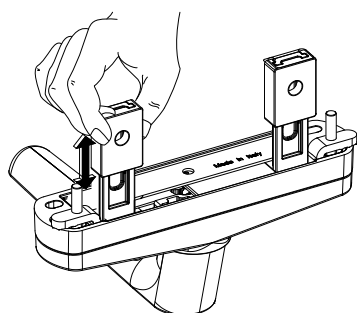
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AGGIORNAMENTI
CATALOGO
Updates

Inversione DX-SX
Right/Left inversion



Fissaggio con Inserti Brev.
Fixing with Patented parts



***** Consigliato per profili freddi

Consigliato per profili a taglio termico



Info prodotto 2404

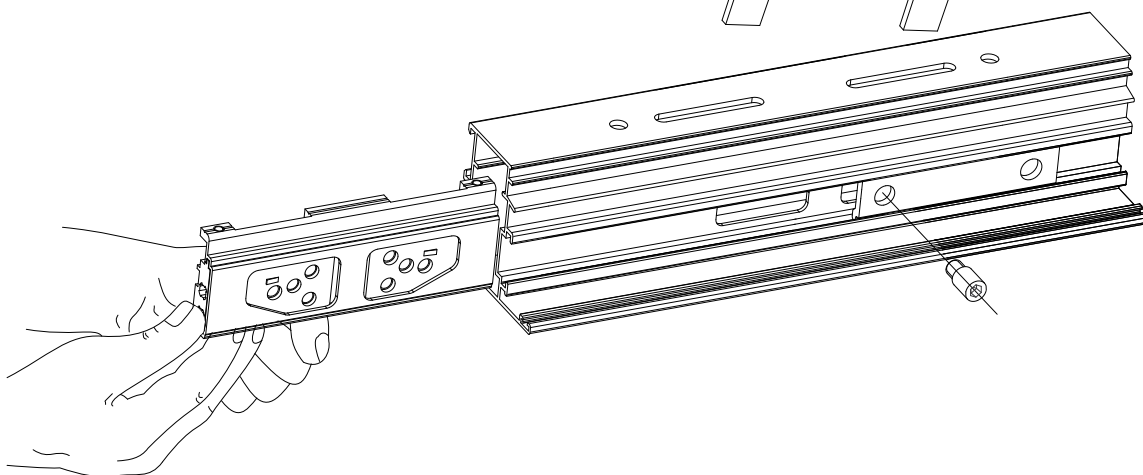
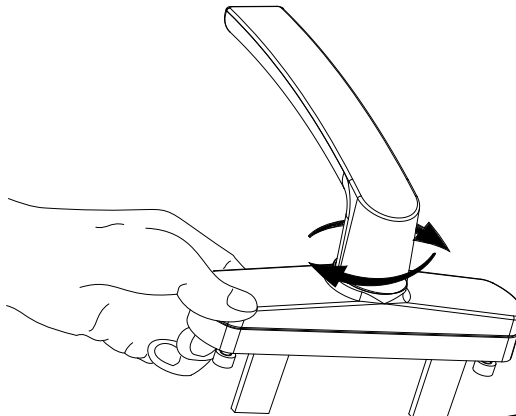
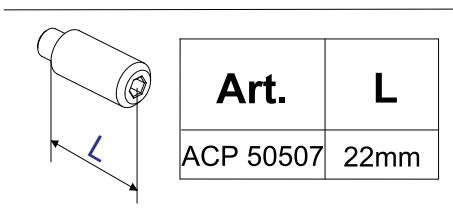
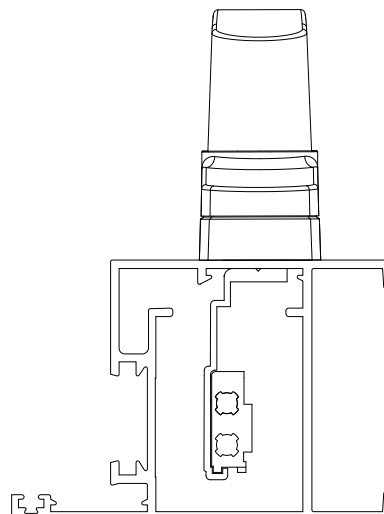
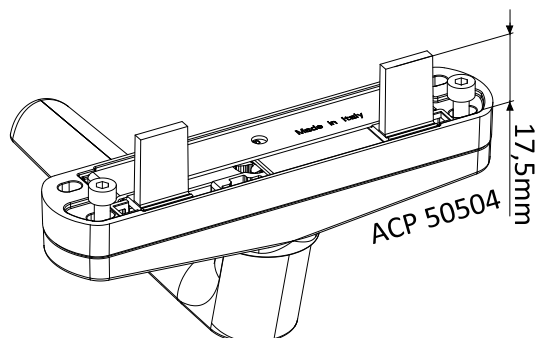
19.03.2024

 it's my window

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CATALOGO
Updates

Fissaggio con Macchinetta

Fixing with mechanism





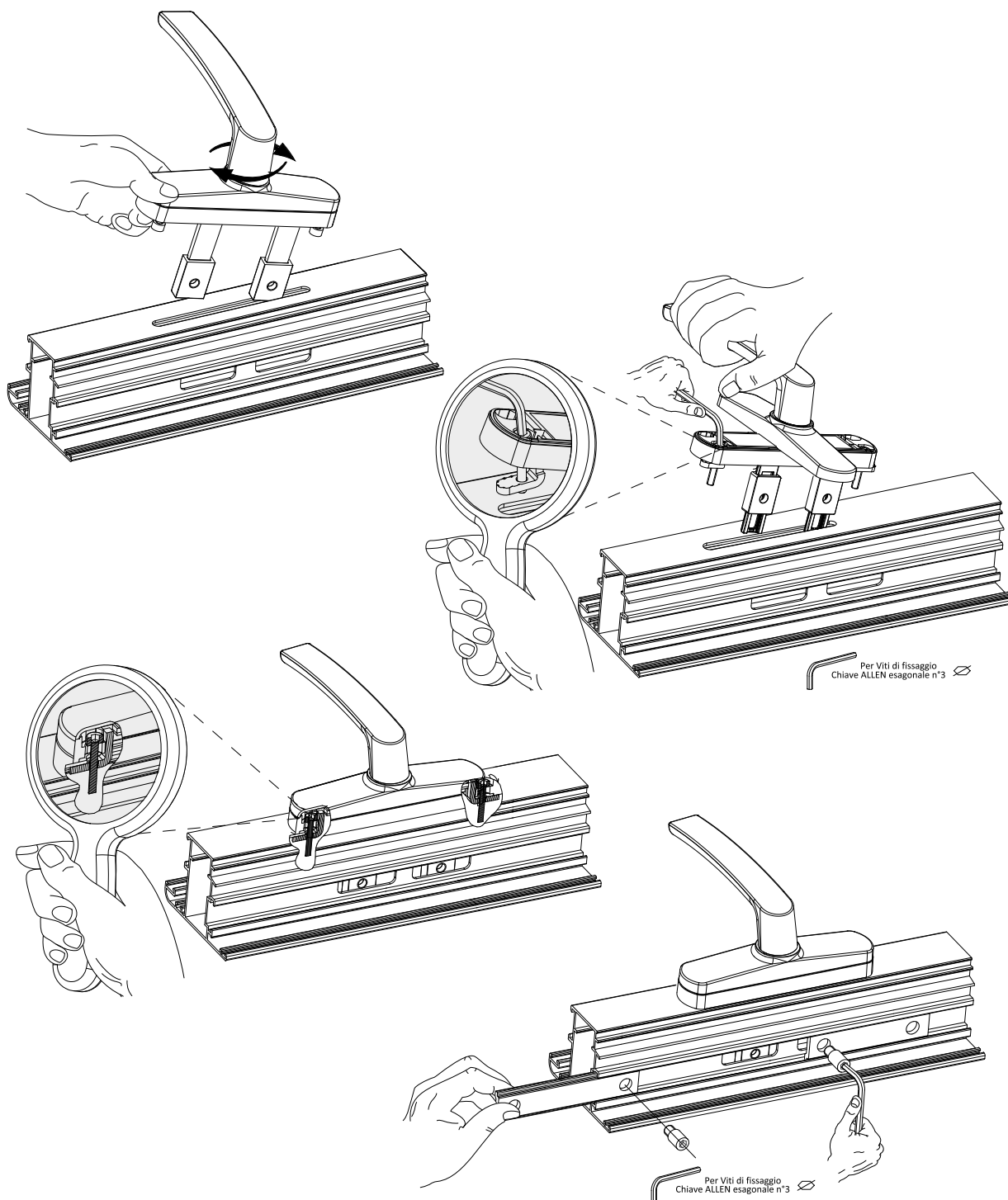
it's my window

Info prodotto 2404

19.03.2024

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CATALOGO
Updates



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

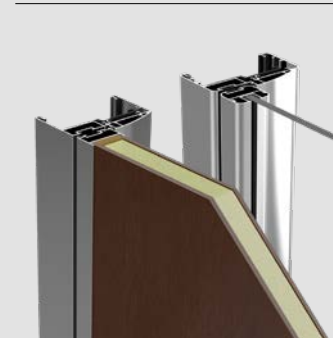
Sistemi per porte



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 trasversi

Stick-built curtain wall systems



SIRIO 50 SG

Sistema per facciate continue montanti e trasversi 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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