

PLANET *62 UP*
MATIC *62 UP*

Sistema per serramenti
a battente a taglio
termico

alsistem.com

Sistemi a design minimale



3G
SYSTEME REVOOLUTION
3G UP
SYSTEME REVOOLUTION

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

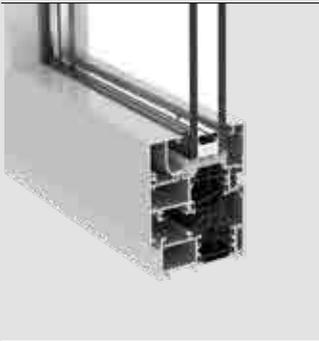


PLANET 45

Sistema per serramenti non isolati ad elevata ermeticità

Weatherproof European chamber non-insulated window and door systems

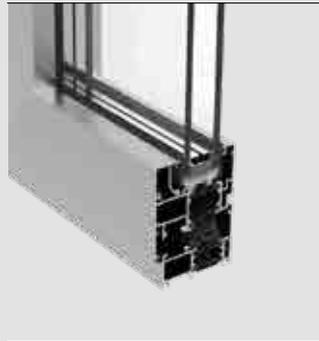
Sistemi a battente



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

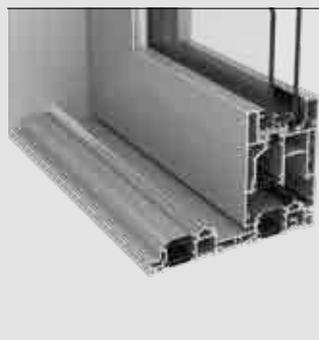
Thermal break system, essential and functional, with built-in screen



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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Specifiche Generali

Infissi in alluminio realizzati con la serie taglio termico Planet 62 UP 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 6060 (UNI EN 573.3), stato di fornitura T5 e T6 conformi alla norma UNI EN 755.2 con tolleranze dimensionali e spessori conformi alla norma UNI EN 12020-2:2001. Lega secondo la ricetta ALSistem. L'isolamento termico elevato è ciò che caratterizza la serie UP. Infatti, è costituito da barrette esclusivamente tubolari a doppia camera da 28 mm in poliammide a bassa densità, materiale con un migliore coefficiente termico, ed dagli eventuali inserti isolanti in PUR. L'assemblaggio delle barrette avviene a mezzo di rullatura meccanica computerizzata, e le caratteristiche meccaniche delle barrette rimangono 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 ha profondità 62mm mentre le parti apribili hanno una profondità di 70mm. Il sistema di tenuta è 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 deve essere raccordata nei giunti con gli opportuni angoli vulcanizzati. I profili hanno 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 deve avvenire secondo le indicazioni riportate nel catalogo, solo ed esclusivamente con guarnizioni fermavetro originali. Appositi fori di drenaggio devono essere previsti sul telaio fisso e su quello mobile al fine di permettere il corretto drenaggio del serramento. La scelta dei profili avviene 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 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 EN 755.3. Lo stato di fornitura è in classe T5 e T6 secondo norma EN 755.2. Le tolleranze dimensionali sono conformi alla UNI 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 ricetta ALSistem.

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

Sistema di isolamento termico: realizzato con distanziali in poliammide a bassa densità da 28mm a doppio tubolare e eventuali inserti isolanti in PUR

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 tubolari o 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

Protezione superficiale

La protezione dei profilati potrà essere effettuata mediante ossidazione anodica con classe di spessore >15 micron, come da norma UNI 10681⁽¹⁾, oppure mediante verniciatura a polveri poliesteri termoindurenti 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.

Suggeriamo sempre di sigillare e proteggere i tagli e di incollarli con colle bicomponente.

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 UP 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.

⁽¹⁾ nel rispetto delle procedure QUALANOD

Isolamento acustico

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

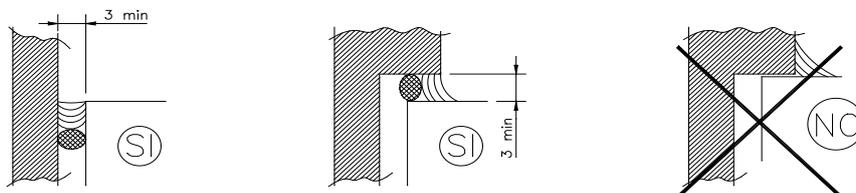
Il controllo di produzione in fabbrica è un sistema esercitato dal costruttore sotto propria responsabilità, al fine di assicurare che le caratteristiche costruttive del prodotto siano mantenute nel tempo entro certi limiti. Il costruttore dovrà stabilire delle procedure documentate, che indichino le 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.

Test di Laboratorio (ITT)

Le caratteristiche del serramento sono valutate sul prodotto finito completo di ferramenta, vetrocamera, pannelli e di tutti gli accessori e trattamenti che lo rendono pronto all'uso. Il costruttore che lo richiama può ottenere i risultati delle prove (ITT) sui serramenti direttamente da ALSistem oppure dal licenziatario di zona, il 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

È molto importante, per ottenere un buon funzionamento del serramento, curare scrupolosamente la verticalità e il livellamento dell'infisso, dopodiché eseguire la sigillatura usando nastri autoespandenti Thermoposa seguendo i consigli dell'esempio sotto riportato, controllare inoltre che le aperture siano caricate sufficientemente (spessorando il vetro di 1-2mm 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 e scaricare i manuali di posa, sia per i nuovi edifici che per le ristrutturazioni.

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.

È 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, etc...) e causare danni che potrebbero compromettere la funzionalità e la durata nel tempo dello stesso. Le caratteristiche di tali prodotti assieme alla frequenza di pulizia da adottare sono definite nei progetti di norma UNIMET12.04.270 ed E12.04.277.0. In mancanza di un prodotto neutro è preferibile utilizzare acqua tiepida con un panno non abrasivo.

Per una corretta installazione, manutenzione e pulizia dei serramenti, vi invitiamo inoltre a consultare le prescrizioni riportate sulle seguenti note tecniche UNICMI, UX 42 guida alla posa in opera delle finestre ed UX 10 pulizia delle superfici di serramenti e facciate continue e anche al Manuale d'uso e manutenzione Finestre e Schermi oscuranti.

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
- cromatura
- lavaggio in acqua demineralizzata
- asciugatura a 75°C
- verniciatura in polveri termoidurenti
- 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, etc., ...**

Consigli per un corretto assemblaggio

Per ottenere i migliori risultati utilizzando i profili ALSistem 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° ⁽¹⁾	evita infiltrazioni d'acqua evita la corrosione
sigillare i profili sul montante dopo che 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

⁽¹⁾ Lavorazione 36 a catalogo

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 ALSistem 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.

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 E1050	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

Certificazioni serie PLANET 62 UP

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

	TIPOLOGIA SERRAMENTO	MISURE SERRAMENTO	CERTIFICATO N°	RISULTATO OTTENUTO
 PERMEABILITA' DELL'ARIA	Finestra 2 ante ribalta	H = 2.400mm L = 1.500mm	1994-CPR-RP1381	Classe 4
 TENUTA ALL'ACQUA	Finestra 2 ante ribalta	H = 2.400mm L = 1.500mm	1994-CPR-RP1381	Classe E1200
 RESISTENZA AL VENTO	Finestra 2 ante ribalta	H = 2.400mm L = 1.500mm	1994-CPR-RP1381	Classe C4
 ISOLAMENTO ACUSTICO	Finestra 1 anta ribalta	H = 1.480mm L = 1.230mm	0009/DC/ACU/19	48 dB vetrocamera 88.2/24/55.1
	Finestra 2 ante ribalta	H = 1.480mm L = 1.230mm	0009/DC/ACU/19	40 dB vetrocamera 55.1/12/44.1
 RESISTENZA ALL'EFFRAZIONE	Finestra 1 anta ribalta	H = 1.400mm L = 1.300mm	1605/11	Classe 2
 ISOLAMENTO TERMICO	Finestra con vetrocamera Ug 1,0W/m ² K e psi 0,035	Dimensioni normalizzate secondo UNI EN 14351-1 (1,23m [± 25%] x 1,48m [- 25%])	1994-CPR-RP2311	1.21 W/m²K (1 Anta) 1.30 W/m²K (2 Ante)

Certificazioni volontarie serie PLANET 62 UP

Garantire il massimo della sicurezza e della 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 i valori ottenuti in riferimento al Rapporto di Prova numero 1994-CPR-RP1921.



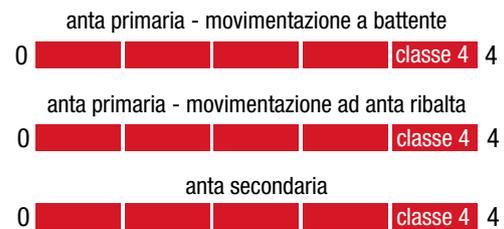
FORZE DI MANOVRA



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 13049-1:2003
Norma di classificazione EN 13049:2003

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

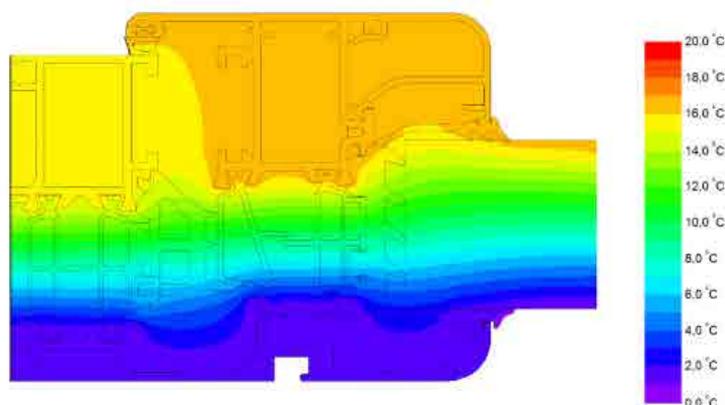
Per la determinazione della trasmittanza termica dei profilati, l'intera serie Planet 62 UP è stata certificata, dal laboratorio notificato IRCCOS di Legnano, secondo la normativa di prodotto EN 14351-2:2006, seguendo il metodo di calcolo tramite "Flixo pro 8.1".

Il codice di riferimento del documento rilasciato dal laboratorio, corrisponde al n. 1994-CPR-RP2154.

Metodologia di analisi utilizzata

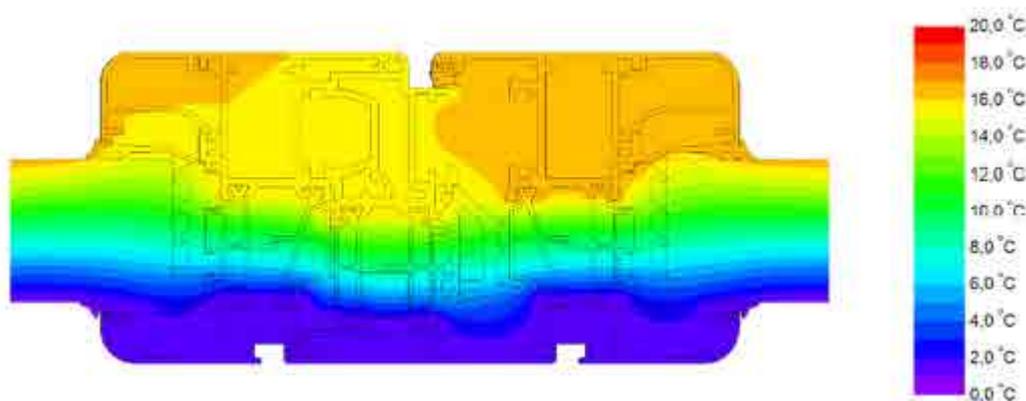
Il calcolo della trasmittanza termica è stato eseguito in accordo con la norma UNI EN ISO 10077-2:2017. Per i calcoli è stato utilizzato il software "Flixo pro 8.1" si riporta come esempio, una pagina del documento rappresentante il nodo laterale e centrale.

Andamento delle temperature e dei flussi di calore nel nodo laterale UP 61803 + UP 61812



Trasmittanza termica nodo laterale $U_f = 1,6 \text{ W/m}^2\text{K}$

Andamento delle temperature e dei flussi di calore nel nodo centrale UP 61812 + UP 61813 + UP 61812



Trasmittanza termica nodo centrale $U_f = 1,6 \text{ W/m}^2\text{K}$

General Specifications

Aluminum frames made with the Planet 62 UP thermal break series with open joint sealing system with central tubular gasket and coextruded, expanded / compact material. The profiles are extruded in 6060 aluminum alloy (UNI EN 573.3), supplied condition T5 and T6 compliant with UNI EN 755.2 with dimensional tolerances and thicknesses compliant with UNI EN 12020-2: 2001. Alloy according to the ALSistem recipe. The high thermal insulation is what characterizes the UP series. In fact, it consists of exclusively 28 mm double-chamber tubular bars in low density polyamide and any PUR insulating inserts, the assembly of the bars will take place by means of computerized mechanical rolling, and the mechanical characteristics of the bars must remain unchanged, up to a maximum treatment temperature of 245 ° C. The production process is controlled according to UAETC standards, the sliding values must be greater than 24 daN / mm. The fixed frame will have a depth of 62mm while the opening parts will have a depth of 70mm. The sealing system will be open joint with central gasket, in EPDM, having a sealing fin that surmounts the inclined plane of the opening part by 4.5mm, the central gasket must be connected at the joints with the appropriate vulcanized corners. The profiles will have straight or rounded lines internally and externally with the possibility of accommodating glazing bead solutions with 45 ° or 90 ° cut; in the case of 90 ° cutting with rounded glazing beads, the appropriate die-cast aluminum connection angles can be used. The glass sealing must be carried out according to the instructions given in the catalog, only and exclusively with original glazing gaskets. Special drainage holes must be provided on the fixed and mobile frame in order to allow correct drainage of the window. The choice of profiles will depend on the geometric and dimensional characteristics of the frame, the capacity of the accessories and the operating loads. The accessories used in the manufacture of the different types must be exclusively the original ones designed specifically for the system, listed in the catalog and distributed by the ALSistem licensees, the use of products other than those indicated or the partial or incorrect assembly of the same will result in nullity test and warranty certificates. Manufacturing and installation must take place according to the work criteria indicated by ALSistem. The assembly of the profiles will take place with multifunctional die-cast aluminum brackets, the cuts must be protected with neutral sealants. The protection and finishing of the profiles will take place by means of normal surface treatments, anodic oxidation in compliance with the "Qualanod" quality mark or by means of painting with thermosetting polyester powders and polymerized in the oven at temperatures between 185 ° C and 195 ° C, in accordance with the "Qualicoat" quality mark. The installation must take place according to the criteria regulated in the Thermoposa protocol.

Materials

The execution of the doors and windows is made of EN AW 6060 aluminum alloy in the form of extruded profiles as indicated by the EN 755.3 regulation. The state of supply is in class T5 and T6 according to the EN 755.2 standard. Dimensional tolerances comply with UNI EN 12020-2. Alloy according to the ALSistem formula.

Technical and dimensional characteristics

External visual aspect: coplanar

Internal visual aspect: coplanar or 8mm overlap

Profiles: extruded in light alloy EN AW-6060 (UNI EN 573-3) which can be anodized and painted. Alloy according to the ALSistem recipe.

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

Thermal insulation system: made with 28mm low density polyamide double tubular spacers and any PUR insulating inserts

Accessory system: original ALSistem

Leaf frame distance: 11.5mm

Door overlap on frame: 6mm

Glass stop height: 22mm

Gap between the profiles: 5mm

Frame depth: 62mm

Door depth: 69mm / 70mm

Window profiles tubularity: 15mm

Door profiles tubularity: 36.4mm

Glass fixing: with smooth tubular, rounded, beveled or molded glass beads

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

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

Surface protection

The protection of the profiles can be carried out by anodic oxidation with a thickness class > 15 micron, as per the UNI 10681⁽¹⁾ standard, or by painting with thermosetting and polymerized polyester powders in the oven in compliance with the “Qualicoat” quality procedures and the provisions of EN 12206- 1.

Resistance of the finish

The surface finish must not undergo corrosion or alteration of appearance for a period of time suitable for the life of the product. The characteristics sufficient to ensure its behavior according to the type of environment are specified by the UNI 10681 standards for oxidation and UNI EN 12206-1 for painting, remembering that the main factors that affect resistance to the environment are proximity to the sea, air pollution, maintenance and cleaning even from rain. ALSistem always suggest sealing and protecting the cuts and gluing them with two-component glue

Safety

In order not to cause physical damage or injuries to users, the windows and doors must be designed according to the requirements of the safety legislation D.Lgs. 81/2008 and UNI 7697 and use as indicated in our “Use and maintenance manual” of the windows and blackout screens.

Characteristics of the glazing

The choice of glazing must be made according to performance criteria to meet the requirements of energy saving, sound insulation, solar radiation control, safety. Reference 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, Law 90/2013 and DMSE 26/06/2015 (requirements minimum).

Gaskets

The gaskets must be exclusively the original ones designed for the system, to guarantee its performance and comply with the reference standards UNI 3952, UNI EN 12365-1 / 4.

Sealants

The sealants must comply with the requirements of the reference standards UNI EN ISO 11600. These materials must not corrode the aluminum parts and its alloys with which they come into contact, therefore they must be neutral.

Accessories

The accessories must be the original ones produced for the series and complying with the criteria indicated in the UNI EN 13126-1 / 19 standards and with the legislative provisions on safety DL 81/2008.

Performance

The Planet 62 UP series meets the requirements of the UNI EN 12207, UNI EN 12208, UNI EN 12210 standards, ITT test reports available.

Mechanical resistance

The system and accessories will be resistant to stresses of use according to the limits established by the UNI EN 12365-1 and UNI EN 13126-1 / 19 standards.

⁽¹⁾ according to QUALANOD procedures

Soundproofing

The choice of the soundproofing class of a window or door must be related to the intended use of the room in which the frame will be inserted and to the level of external noise; the behavior of the window or door in place is influenced by factors that cannot be defined a priori (h from the ground, orientation of the sound sources, etc...). The soundproofing power can therefore be estimated with a good approximation, based on the air permeability of the window with a minimum permeability value equal to 2, and the soundproofing power of the glass. According to the methodology described in the reference standard UNI EN ISO 10140-2.

Thermal insulation

The choice of thermal insulation performance must be made on the basis of energy saving needs according to Law 10/91, DL 192/05 and updated DL 311/06 and the needs of environmental well-being or reference to UNI EN ISO 10077 1. The thermal transmittance of the window frame can be calculated starting from the transmittance values of the profiles and surfaces according to the UNI EN ISO 10077-1: 07 standard with 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 will be possible to ask the window manufacturer or, failing that, the profile manufacturer, a photocopy of the test reports relating to certain performances.

CE marking UNI EN 14351-1

The CE marking is MANDATORY and constitutes the system to which all window manufacturers must comply in order to sell their products in the European Union. The Manufacturer, or its representative, based in the EEA [European Economic Area] is responsible for affixing the CE marking on the product, on a label applied to the product, on its packaging or on the accompanying commercial documents. The UNI EN 14351-1 standard applies to windows, French windows, external pedestrian doors, external doors on escape routes, roof windows / skylights (including those resistant to fire from outside), ribbon windows, coupled windows and double windows. These doors and windows can have one or more doors, with movable doors and fixed parts, with inward or outward opening, with manual or automated movement, fully or partially glazed, with or without glass containment frame, with or without built-in shielding devices.

The UNI EN 14351-1 standard is not applicable to:

- windows, French doors and pedestrian doors with fire resistance and smoke resistance characteristics
- to internal doors (EN 14351-2)
- to external blackout closures (UNI EN 13659)
- at revolving doors
- at the windows placed on the escape routes

The standard includes certain voluntary and / or mandatory requirements:

- Water tightness
- Release of dangerous substances
- Impact resistance
- Wind resistance
- Load bearing capacity of safety devices
- Soundproofing
- Thermal insulation
- Radiant properties of the glazing (Light transmission)
- Air permeability

Production Control Plan (FPC)

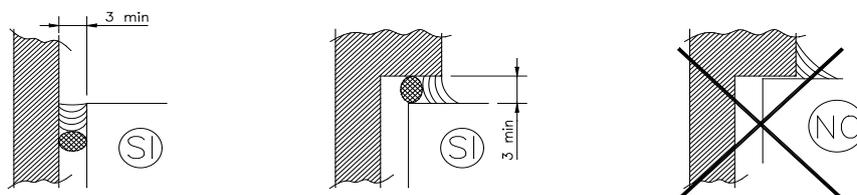
Factory production control is a system exercised by the manufacturer under his own responsibility, in order to ensure that the construction characteristics of the product are maintained over time within certain limits. The manufacturer must establish documented procedures, which indicate the methods that the personnel assigned to the various checks must carry out to monitor the process assigned to him frequently and accurately. The manufacturer is required to ensure the traceability of the product through the use of codes or other. By means of a diagram, the manufacturer is also required to communicate to the customer information on the use, handling, installation, maintenance and cleaning of the product.

Laboratory Test (ITT)

The characteristics of the window frame are evaluated on the finished product complete with hardware, double glazing, panels and all accessories and treatments that make it ready for use. The constructor who requests it can obtain the results of the tests (ITT) on the doors and windows directly from the ALSistem or from the area licensee, who assigns the right to use the results of the certificates of its ITTs received by the Laboratory, through a contract between the go to "Cascading". The manufacturer is responsible for the conformity of the product to the European standards indicated on the draft standard and implemented by national standards (UNI standards).

Installation

It is very important, in order to obtain a good functioning of the window, to scrupulously take care of the verticality and the leveling of the frame, then carry out the sealing using Thermoposa self-expanding tapes following the advice given in the example below, also check that the openings are sufficiently loaded (by shimming the glass 1-2mm outside the frame), so that, with the adjustment of the materials, there are no operational intolerances over time.



Furthermore, it is essential to install the window frame correctly; for this ALSistem recommends to use the **Thermoposa** system with which a high thermal-acoustic efficiency window installation system is guaranteed. Thanks to this system, we guarantee adequate insulation of the window hole and efficient installation of the window frame in new buildings and renovations. Therefore, 3 main interventions are recommended: correct installation of the window frame, insulation of the box, when present, cutting of the marble, if passing. For more information, please connect to Thermoposa.com and download installation manuals, both for new buildings and for renovations.

Maintenance of aluminum surfaces

Following the high rates of pollution now achieved in all countries, especially in large urban centers and coastal areas beaten by the sea wind, it is very important that aluminum surfaces, in contact with the atmosphere, are periodically cleaned. Our intent is to sensitize the window manufacturer so that he can consequently advise the CUSTOMER in the best possible way.

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

1. how many times the cleaning operation must be performed during the year
2. the period
3. the product to use

Here are the answers: the number of interventions is established on the basis of the pollution status of the area in which the building is located, varies from 1 to 3 times a year.

The period can be:

- in late winter
- in mid-summer
- in mid-autumn to choose according to the number of interventions.

It is important that the cleaning product is neutral, a wrong product could damage the different materials of which a window is made (gaskets, sealants, marbles, etc. ...) and cause damage that could compromise functionality and duration in the time of the same. The characteristics of these products together with the cleaning frequency to be adopted are defined in the draft standards UNIMET12.04.270 and E12.04.277.0. In the absence of a neutral product, it is preferable to use warm water with a non-abrasive cloth.

For correct installation, maintenance and cleaning of windows and doors, we also invite you to consult the instructions given in the following UNICMI technical notes, UX 42 guide to installing windows and UX 10 cleaning the surfaces of windows and curtain walls and also the use and maintenance manual for windows and sunscreen systems.

Stages of painting

1. The painting cycle offers the possibility of obtaining an excellent protective surface coating on the windows and a greater liveliness of the color;

2. the layer must have a thickness of min. 60 microns on the visible parts;

3. the material will undergo the following process:

- degreasing without attack
- washing
- alkaline pickling with etching
- washing
- deoxidation
- washing
- chrome plating
- washing in demineralized water
- drying at 75 ° C
- painting in thermosetting powders
- polymerization in the oven

All the work carried out on aluminum must comply with the provisions of the “Qualicoat” quality mark.

Stages of anodizing

1. The oxide layer can vary according to the location area of the window frame from 15 to 20 microns (UNI 10681);

2. it can be normal or electrocoloured;

3. the material will undergo the following process:

- degreasing without attack
- washing
- alkaline pickling with etching (except glossy finishes)
- washing
- deoxidation
- washing
- oxidation in a sulfuric acid bath at 18/20 ° C, corrosion density 1.5 [A] dmq
- inorganic or organic or electrocolour dyes (except silver)
- double wash
- drying
- hot fixing phase in boiling nickel salts, fixing 2.5 / 3 minutes for each micron of thickness

Observation

In the preventive phase, the designer or the window fabricator will have to determine the type of window to be used on the basis of the elements provided by the client. In the choice or control, the necessary moment of inertia must be considered based on the wind pressure and the necessary profile in the Planet range must be chosen. Obviously, suitable accessories must be used, including the original ALSistem ones, designed for the Planet series.

Profile dimensions and weights

The dimensions and weights indicated on the drawings of the sections in the catalog are theoretical and may vary according to the dimensional tolerances of extrusion (UNI EN 12020-2 standard) and the type of finish. Even the painting helps to increase the thickness thus reducing the seats for inserting gaskets and accessories. This variability could affect the dimensions of the cut and consequently those of the finished frame. The cutting differences may increase proportionally also based on the number of doors per window. **It is advisable, in the first works or in those with large quantities, to make a real sample to verify its correct functioning.**

Cut dimensions

The theoretical cutting dimensions indicated in this catalog must be modified according to the type and precision of the cutting machine being used, (e.g. for 2-leaf doors opening outwards with panic bar, the escape must be 8mm instead of 5mm; 3- and 4-sash windows and small windows must have narrower sashes than the theoretical one, at least 0.5mm each crosspiece, to avoid interference on rotation, etc ...).

Tips for correct assembly

To obtain the best results using ALSistem profiles, it is advisable to carefully observe all the items listed below, designed to reinforce all the weak points of a common window, thus optimizing 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 after 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

⁽¹⁾ Working 36 on catalogue

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 Alsistem ranges are produced by **ISO9001 and ISO14001 certified companies**

Important

All the data shown in this catalog are purely indicative and do not bind the company in any way, which reserves the right to improve its products at any time it deems necessary. The company reserves the right of ownership of this catalog with the prohibition of reproducing it or transferring it to third parties without written authorization.

PLANET 62 UP series certifications

The Planet 62 UP system was subjected to the following tests for each types of windows.

	WINDOW TYPE	WINDOW DIMENSION	CERTIFICATE N°	RESULT OBTAINED
 AIR PERMEABILITY	2 tilt and turn window	H = 2.400mm L = 1.500mm	1994-CPR-RP1381	Class 4
 WATER TIGHTNESS	2 tilt and turn window	H = 2.400mm L = 1.500mm	1994-CPR-RP1381	Class E1200
 WIND RESISTANCE	2 tilt and turn window	H = 2.400mm L = 1.500mm	1994-CPR-RP1381	Class C4
 SOUNDPROOFING	1 tilt and turn window	H = 1.480mm L = 1.230mm	0009/DC/ACU/19	48 dB double glazing 88.2/24/55.1
	2 tilt and turn window	H = 1.480mm L = 1.230mm	0009/DC/ACU/19	40 dB double glazing 55.1/12/44.1
 BURGLARY RESISTANCE	1 tilt and turn window	H = 1.400mm L = 1.300mm	1605/11	Class 2
 THERMAL INSULATION	Windows with double glazing Ug 1,0W/m2K e psi 0,035	Normalized dimension according to UNI EN 14351-1 (1,23m [± 25%] x 1,48m [- 25%])	1994-CPR-RP2311	1.21 W/m²K (1 leaf) 1.30 W/m²K (2 leaf)

Voluntary certifications PLANET 62 UP series

Guaranteeing the maximum safety and performance of our products is the primary objective of our technicians.

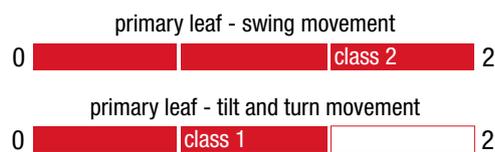
This is why we voluntarily test and certify our doors and windows also for performances such as:

- MANEUVER FORCES;
- VERTICAL LOAD;
- STATIC TORSION;
- IMPACT RESISTANCE FROM A SOFT AND HEAVY BODY.

Below we report the values obtained with reference to the Test Report number 1994-CPR-RP1921.



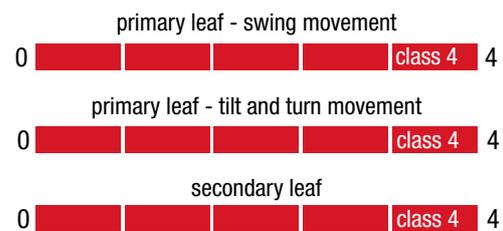
MANEUVER FORCES



Standard test EN 12046-1:2003
Standard classification EN 13115:2001



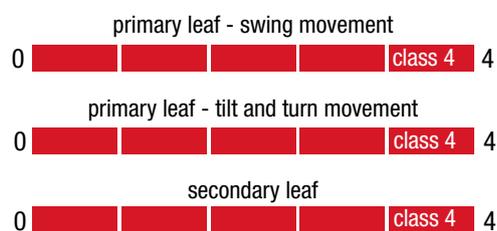
VERTICAL LOAD



Standard test EN 14608:2004
Standard classification EN 13115:2001



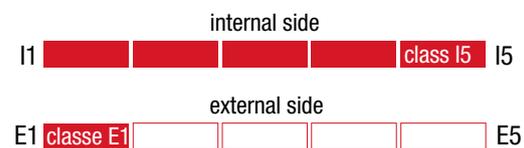
STATIC TORSION



Standard test EN 14609:2004
Standard classification EN 13115:2001



IMPACT RESISTANCE FROM SOFT AND HEAVY BODY



Standard test EN 13049-1:2003
Standard classification EN 13049:2003

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						
Watertightness	class E1050	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

Determination of the thermal transmittance of the nodes of the Planet 62 UP window system

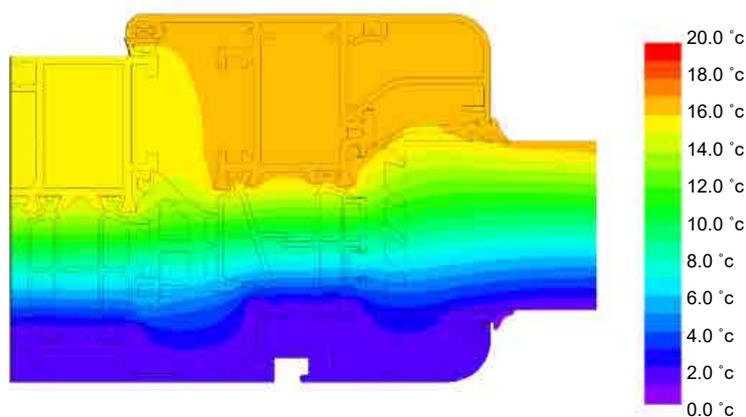
For the determination of the thermal transmittance of the profiles, the entire Planet 62 UP series has been certified by the notified IRcCOS laboratory in Legnano, according to the product standard EN 14351-2006, following the calculation method using “Flixo pro 8.1”.

The reference code of the document issued by the laboratory corresponds to no. 1994-CPR-RP2154.

Analysis methodology used

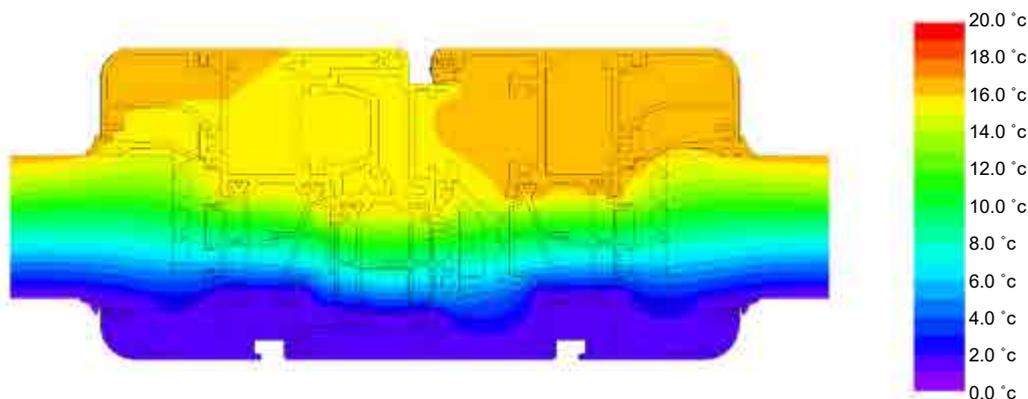
The calculation of the thermal transmittance was performed in accordance with the UNI EN ISO 10077-2: 2017 standard. For the calculations the “Flixo pro 8.1” software was used. An example is shown in a page of the document representing the lateral and central node.

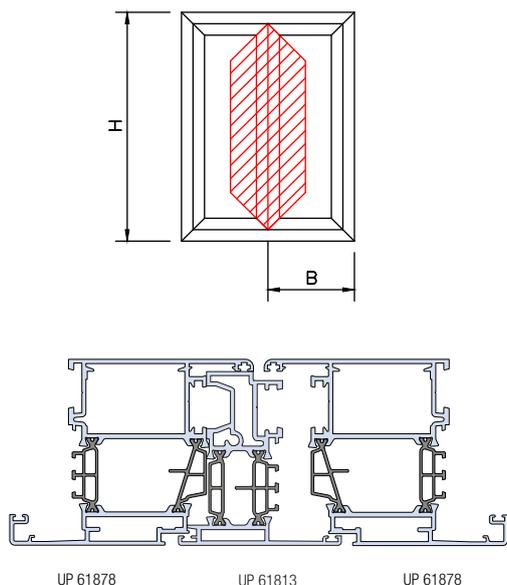
Trend of temperatures and heat flows in the side node UP 61803 + UP 61812



Lateral node thermal transmittance $U_f = 1,6 \text{ W/m}^2\text{K}$

Trend of temperatures and heat flows in the central node UP 61812 + UP 61813 + UP 61812

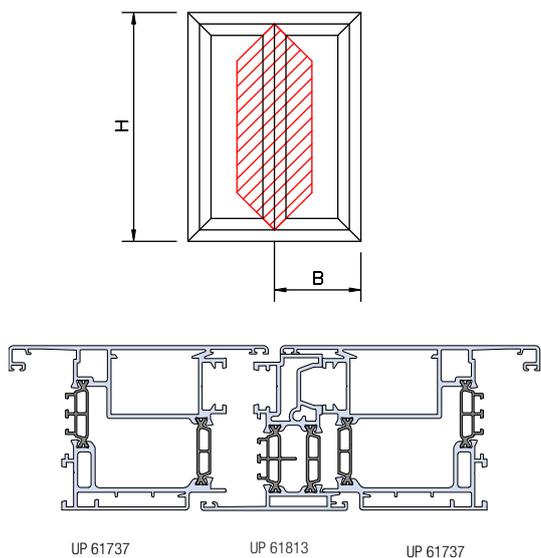
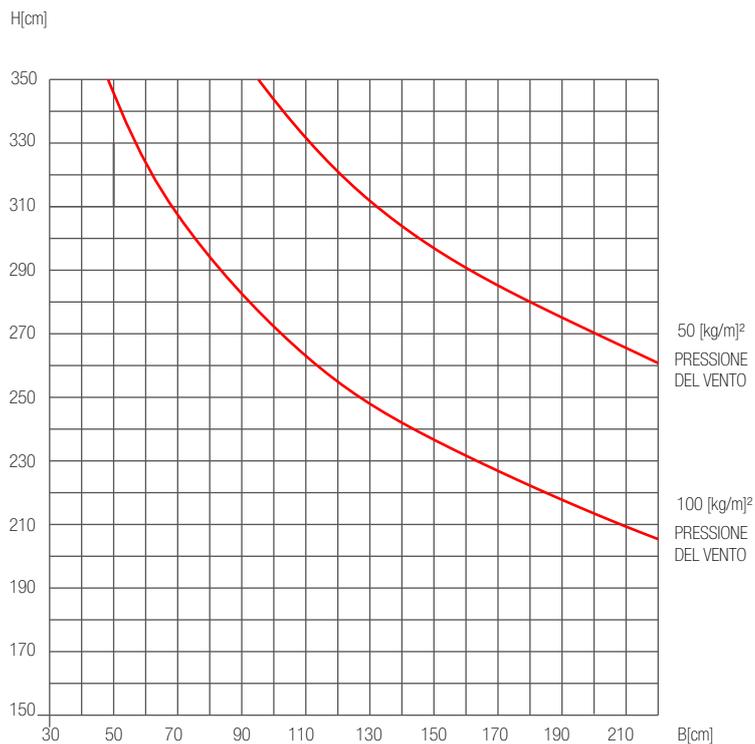




$J_t = 116,02\text{cm}^4$
freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO
SIA COMPATIBILE COL VETRO IMPIEGATO

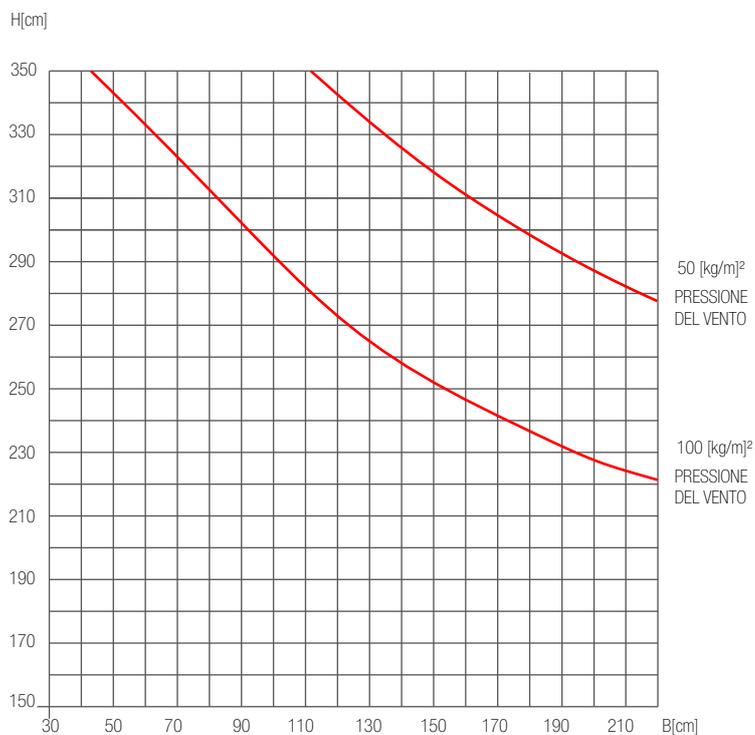
*Check that profile face is compatible with
glazing used*



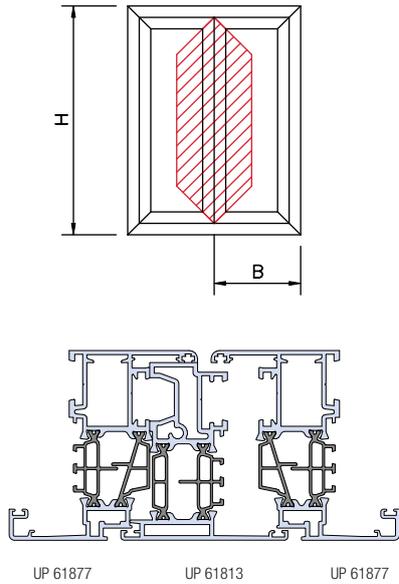
$J_t = 153,36\text{cm}^4$
freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO
SIA COMPATIBILE COL VETRO IMPIEGATO

*Check that profile face is compatible with
glazing used*



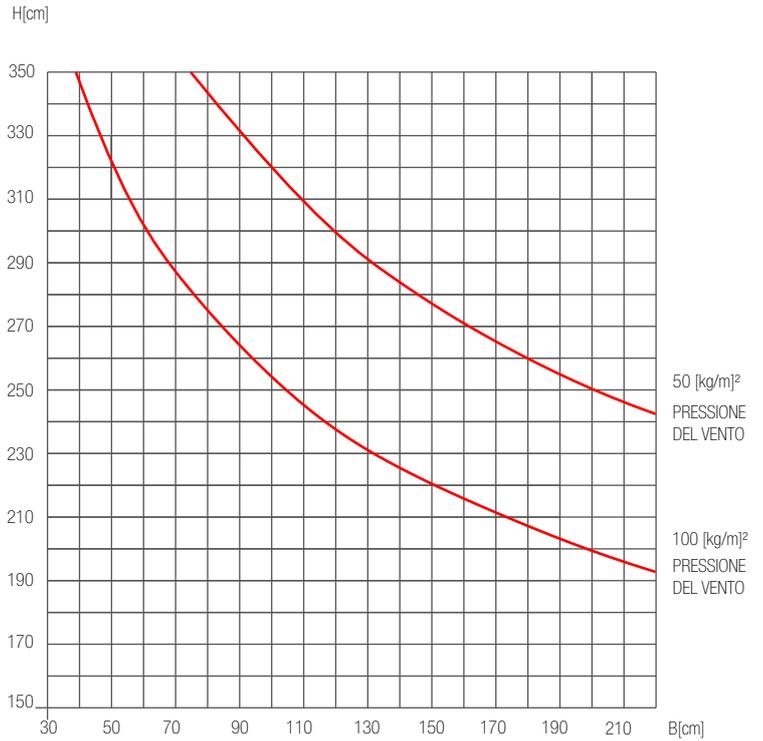
I DIAGRAMMI DI PORTATA SONO CALCOLATI SU BASE TEORICA IN
FUNZIONE DELLE CARATTERISTICHE INERZIALI DEI PROFILI



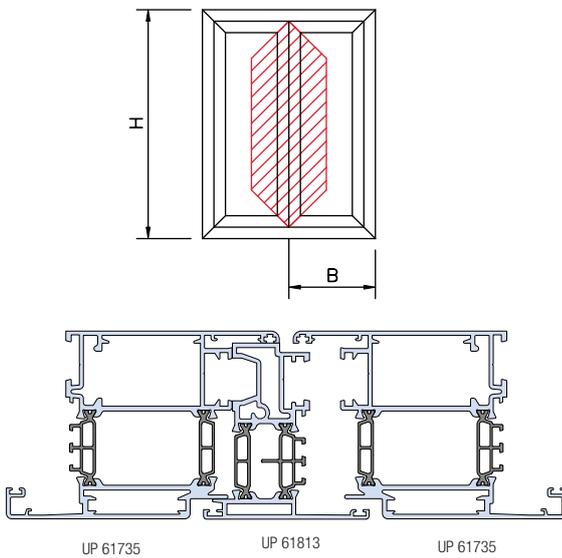
$J_t = 93,62 \text{ cm}^4$
freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO
SIA COMPATIBILE COL VETRO IMPIEGATO

*Check that profile face is compatible with
glazing used*



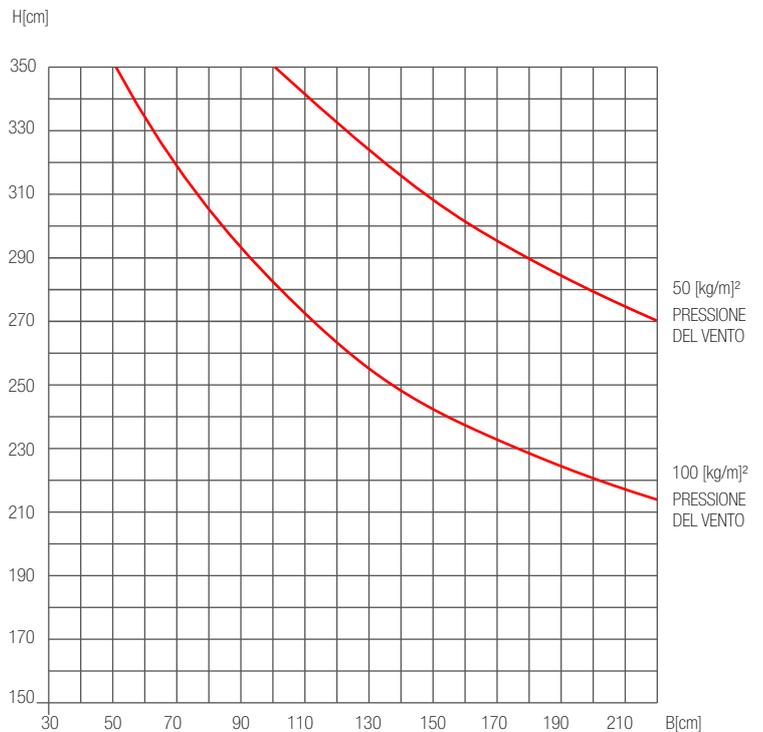
CURVE LIMITE DI
UTILIZZO
Limit curves



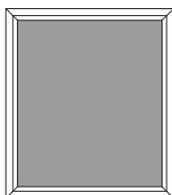
$J_t = 126,22 \text{ cm}^4$
freccia max 1/300

VERIFICARE CHE LA FRECCIA DEL PROFILO
SIA COMPATIBILE COL VETRO IMPIEGATO

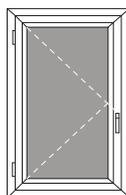
*Check that profile face is compatible with
glazing used*



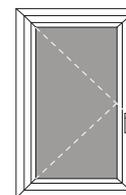
I DIAGRAMMI DI PORTATA SONO CALCOLATI SU BASE TEORICA IN
FUNZIONE DELLE CARATTERISTICHE INERZIALI DEI PROFILI



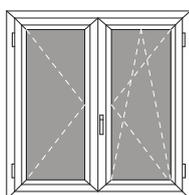
fisso
fixed



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



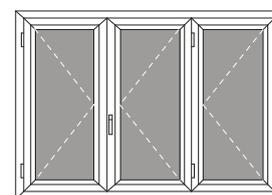
**finestra 1 anta apertura
esterna**
1-leaf lift windows
outer opening



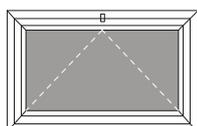
finestra 2 ante ribalta
2-leaf lift, tilt and turn
windows



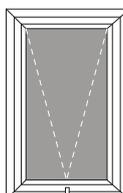
finestra 2 ante
2-leaf lift windows



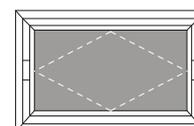
finestra 3 ante
3-leaf windows



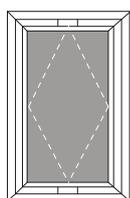
vasistas
awning / hopper window



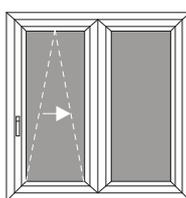
sporgere
stick out windows



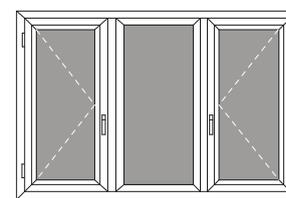
bilico orizzontale
horizontal pivot window



bilico verticale
vertical pivot window



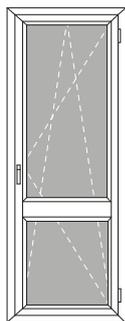
**scorrevole parallelo
+ fisso**
tilt & slide + fix



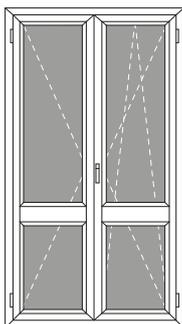
finestratura a nastro
ribbon window

ANTA MINIMA REALIZZABILE 600mm

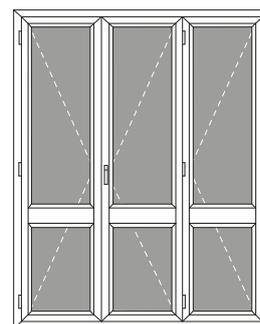
Minimum leaf achievable 600mm



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

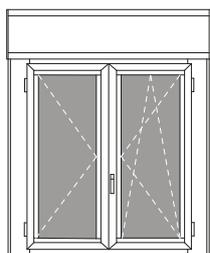


porta finestra
2 anta ribalta
balcony door
2-leaf tilt and turn

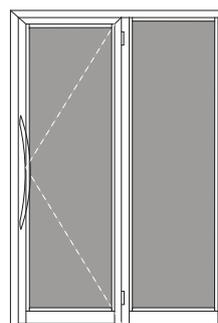


porta finestra
3 anta
balcony door
2-leaf french door

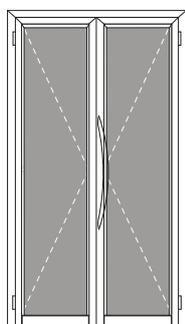
TIPOLOGIE
COSTRUTTIVE
construction type



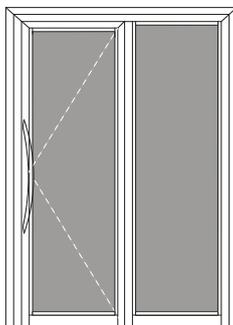
finestra monoblocco
monoblock windows



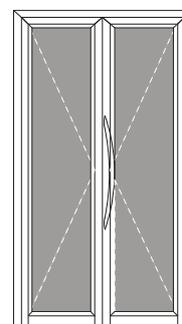
portoncino 1 anta apertura
interna + vetrina
1-leaf door



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
Minimum leaf achievable 600mm

LEGENDA BATTUTA-SPALLA

BEAT-ABUTMENT

Allo scopo di unificare la terminologia utilizzata nel catalogo:

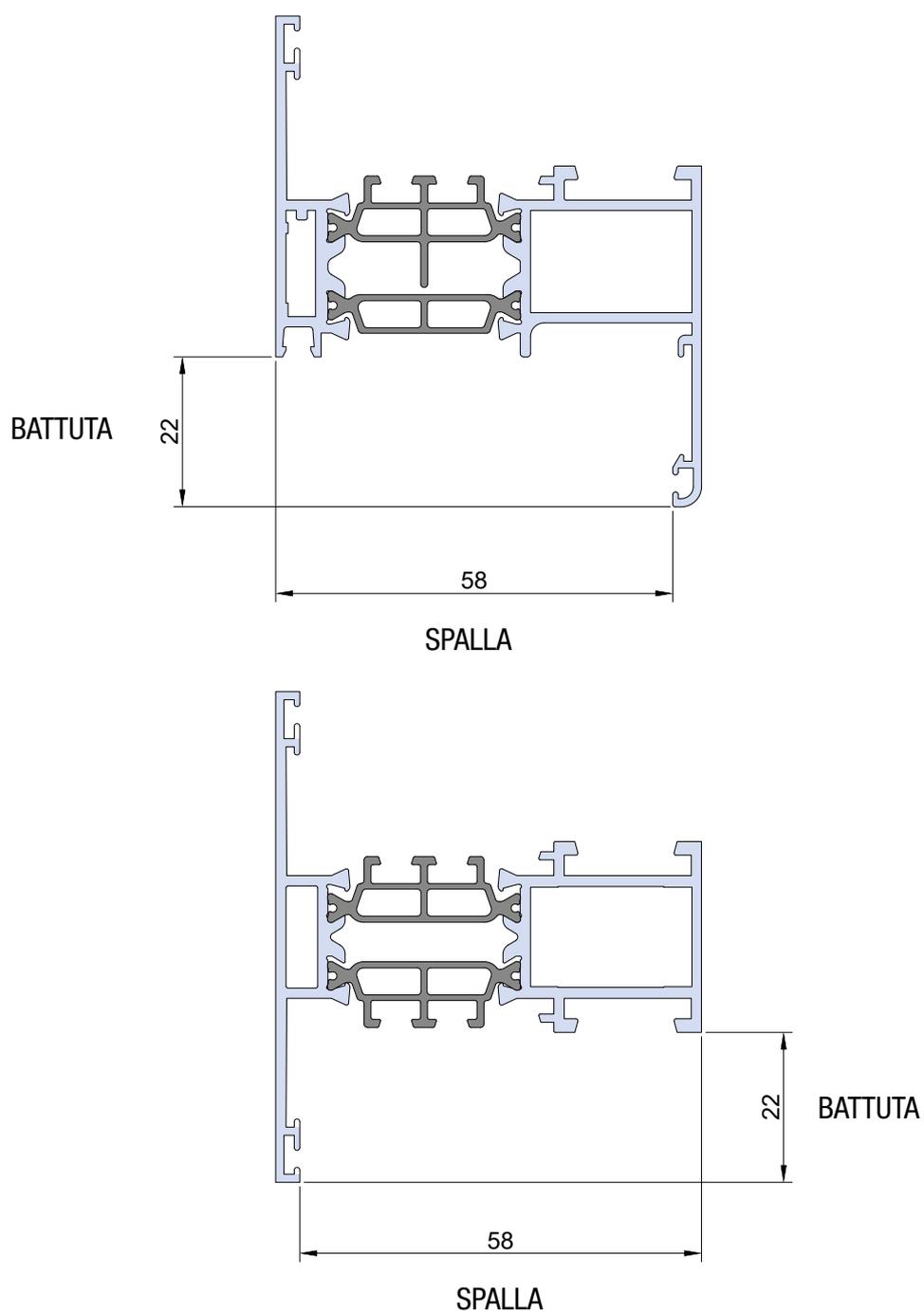
In order to unify the technical terminology conventionally measured the following terms:

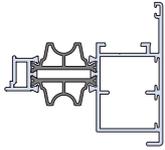
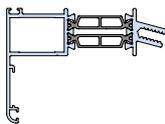
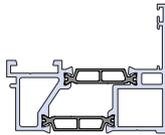
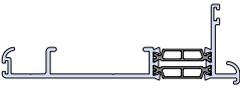
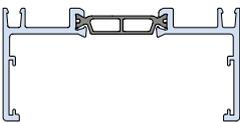
BATTUTA: la quota della lunghezza dell'aletta dei telai che copre il giunto con la muratura

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

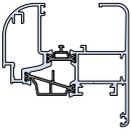
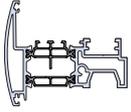
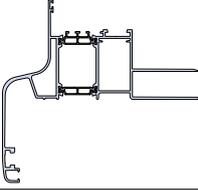
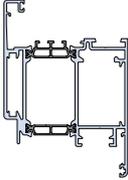
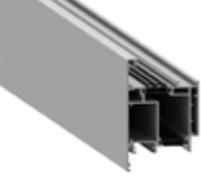
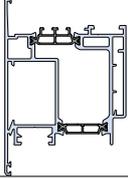
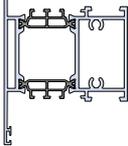
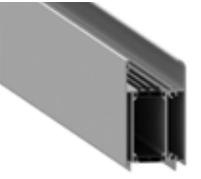
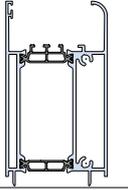
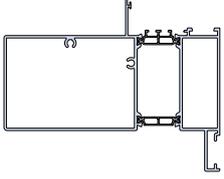
SPALLA: la quota della profondità tra la battuta e il filo esterno del profilato

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

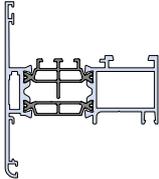
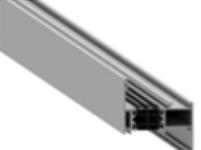
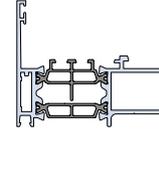
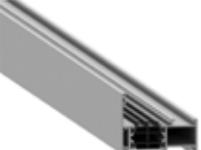
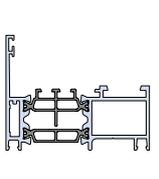
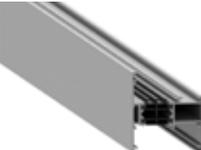
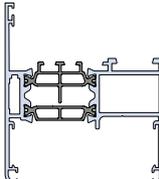
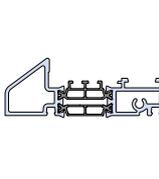
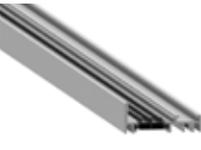
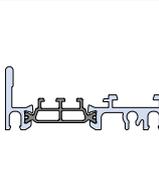
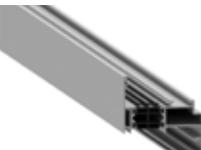
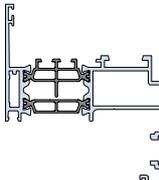
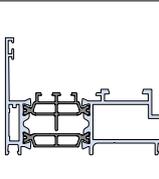
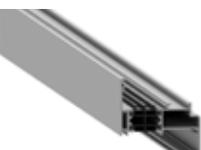
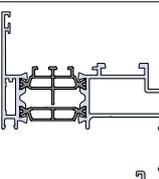


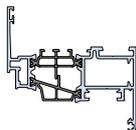
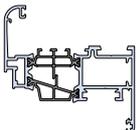
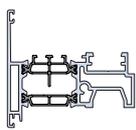
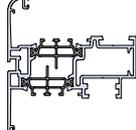
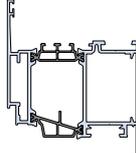
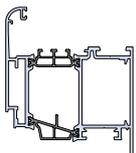
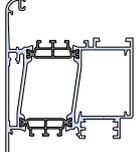
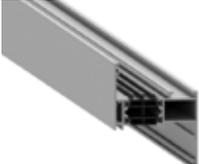
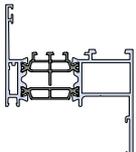
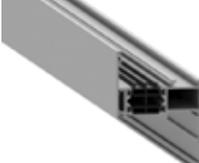
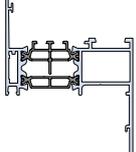
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		TT 6120	Inversione di battuta bilico <i>Pivot rebate reversal</i>	1329	25.54 8.87
		UP 6105	Soglia ribassata 18mm per portoni con anta a girare <i>low threshold 18mm for hinged door</i>	880	31.58 2.86
		UP 6180	Doga 120mm spessore 32mm <i>120mm stave - 32mm thick</i>	1489	-
		UP 6186	Telaio telescopico per finestre da abbinare a PL 2077 <i>glazing counter-frame for PL 2077</i>	1006	20.63 4.67
		UP 61123	Inversione di battuta <i>rebate reversal</i>	1195	19.07 6.15
		UP 61141	Profilo porta spazzolino sottozoccolo <i>brush holder profile</i>	597	-
		UP 61166	Celino monoblocco <i>monobloc celino</i>	1212	-
		UP 61181	Profilo di compenso telescopico da abbinare con UP61803, UP61883, UP61833 <i>telescopic reward profile for UP61803, UP61883, UP61833</i>	851	-

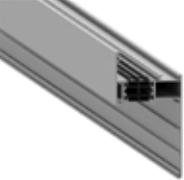
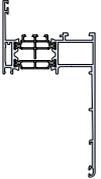
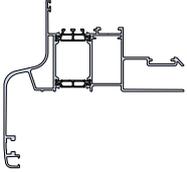
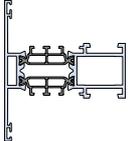
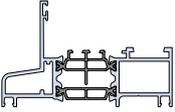
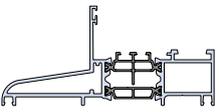
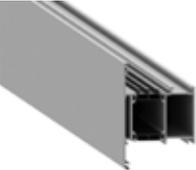
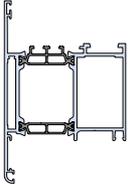
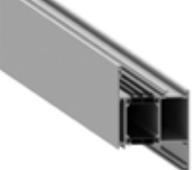
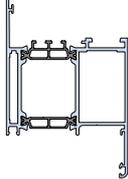
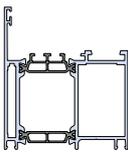
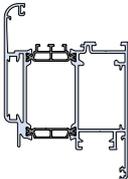
ELENCO PROFILI
List of profiles

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 61651 *	Anta tonda vetro infilare spazio vetro 30mm <i>round leaf base for beadless glass gap 30mm</i>	1706	36.24 18.19
		UP 61713 *	Riporto centrale raggiato <i>astragal seal</i>	1539	32.07 10.07
		UP 61725 *	Telaio capannoni da abbinare con profili imbottite <i>industrial shed frame to be combined with upholstered profiles</i>	2719	162.34 85.09
		UP 61735	Anta retta maggiorata apertura interna doppia battuta <i>oversized flat leaf double rebate version</i>	2176	49.60 53.06
		UP 61737	Anta retta maggiorata apertura esterna doppia battuta <i>oversized open-out flat leaf</i>	2420	63.17 56.86
		UP 61738	Traverso da 92mm per fissi-fissaggio viti <i>92mm crosspiece for fixed doors/windows and rounded leaves- fix clamp</i>	1731	31.12 25.50
		UP 61748	Zoccolo riportato vetro infilare spazio vetro 42mm <i>fitted base glass insert glass space 42mm</i>	2101	16.30 56.35
		UP 61751 *	Anta tonda vetro infilare bombata spazio vetro 30mm <i>round beadless glazing leaf, glass space 30mm</i>	1746	38.52 17.89
		UP 61764	Spalla chiusa monoblocco per avvolgibile a sporgere e guida ad applicare <i>single-unit closed shoulder without roller shutter guide</i>	2884	-

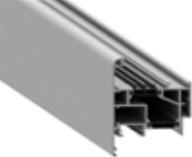
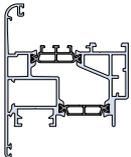
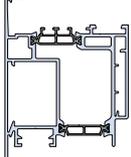
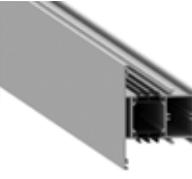
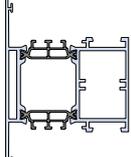
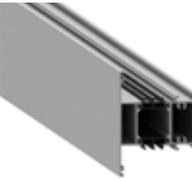
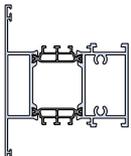
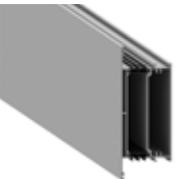
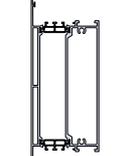
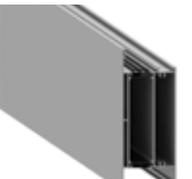
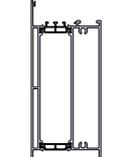
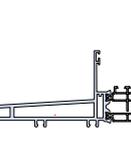
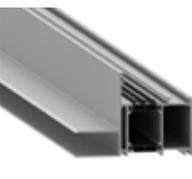
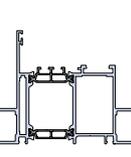
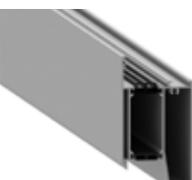
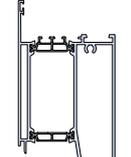
*si consiglia di utilizzare controsagoma durante il taglio a 45° / *it is advisable to use a counterprofile when cutting at 45°*

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 61801	Telaio fisso a T battuta 22mm, spalla 57mm <i>fixed T frame beat 22mm, wall 57mm</i>	1239	21.90 8.56
		UP 61802	Telaio fisso a Z battuta 22mm, spalla 58mm <i>fixed Z frame beat 22mm wall, 58mm</i>	1230	24.81 8.50
		UP 61803	Telaio fisso a L Abbinare con UP61802, UP61821, UP61822, UP61824 <i>Pivot rebate reversal</i>	1122	19.69 5.61
		UP 61804	Telaio fisso trasverso inferiore finestra <i>fixed frame window lower crosspiece</i>	1347	36.60 11.00
		UP 61806	Soglia da 30mm <i>30mm sill</i>	1273	31.58 2.86
		UP 61807	Soglia ribassata 25mm <i>25mm low sill</i>	740	12.51 0.76
		UP 61808	Telaio fisso a Z complanare battuta 30mm, spalla 57mm <i>coplanar fixed Z frame beat 30mm, 57mm</i>	1444	36.13 15.00
		UP 61809	Telaio fisso a L complanare Abbinare con UP61808 e UP61810 <i>coplanar fixed L frame - flush with TT 61808, TT61810</i>	1186	26.68 5.49
		UP 61810	Telaio fisso a Z complanare battuta 25mm, spalla 57mm <i>coplanar fixed Z frame beat 25mm, wall 57mm</i>	1356	33.46 11.76

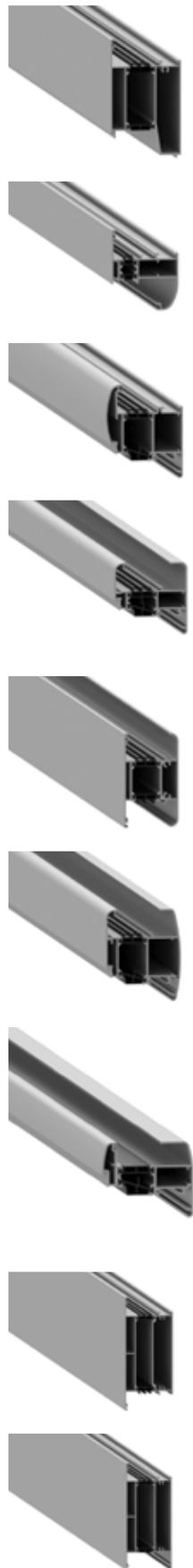
Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
	 UP 61811	Anta liscia <i>smooth leaf</i>	1354	32.03 9.22
	 UP 61812	Anta raggiata <i>round leaf</i>	1398	32.76 10.86
	 UP 61813	Riporto centrale liscio <i>pivot rebate reversal</i>	1405	27.02 7.80
	 UP 61814	T all'italiana per anta UP 61812 <i>T italian for leaf UP61812</i>	1616	33.76 14.23
	 UP 61816	Anta liscia maggiorata <i>oversize smooth leaf</i>	1827	43.31 31.11
	 UP 61817	Anta raggiata maggiorata <i>oversize rounded leaf</i>	1868	44.03 34.02
	 UP 61819	Anta raggiata bilico <i>pivot leaf</i>	1968	41.68 38.01
	 UP 61821	Telaio fisso a Z battuta 30mm, spalla 58mm <i>fixed Z frame beat 30mm, wall 58mm</i>	1270	25.85 10.78
	 UP 61822	Telaio fisso a Z battuta 40mm, spalla 58mm <i>fixed Z frame beat 40mm, wall 58mm</i>	1321	26.86 14.44

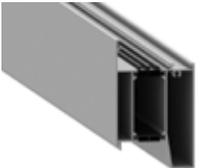
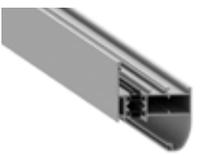
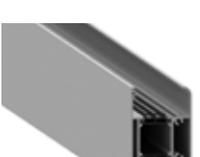
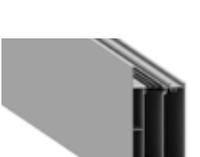
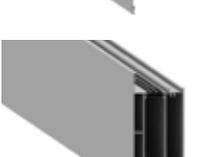
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 61824	Telaio fisso a Z battuta 70mm, spalla 58mm <i>fixed Z frame beat 70mm, wall 58mm</i>	1493	18.80 34.25
		UP 61825 *	Telaio capannoni da abbinare con profili imbotte <i>industrial shed frame for frame extension</i>	2810	178.93 85.51
		UP 61828	Traverso da 72mm - per fissi fissaggio con cavalletto <i>72mm crosspiece-for fixed doors/windows, fixing with clamp</i>	1239	22.50 8.40
		UP 61829	Telaio per abbinamento con profili serie Slide 80 <i>frame for combining with planet slide 80mm profile range</i>	1331	29.00 5.84
		UP 61830	Telaio per abbinamento con profili serie Slide 106 <i>frame for combining with planet Slide, 106mm profile range</i>	1554	51.84 6.39
		UP 61831	Telaio fisso a T maggiorato battuta 22mm, spalla 57mm <i>oversized fixed T frame beat 22mm, wall 57mm</i>	1630	29.78 27.76
		UP 61832	Telaio fisso a Z maggiorato battuta 22mm, spalla 58mm <i>oversized fixed Z frame beat 22mm, wall 58mm</i>	1621	31.85 27.48
		UP 61833	Telaio fisso a L maggiorato abbinare con UP61832 <i>oversized fixed L frame with UP61832</i>	1513	27.57 21.99
		UP 61835	Anta raggiata maggiorata doppia battuta <i>oversized leaf double rebate version</i>	2147	47.90 46.06

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

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 61836 *	Anta raggiata per sporgere <i>leaf for top-hinged open out</i>	1983	42.41 24.34
		UP 61837	Anta raggiata maggiorata apertura esterna doppia battuta <i>oversized open-out double lregeat eaf</i>	2377	54.72 60.73
		UP 61838	Traverso da 92mm per fissaggio con cavallotto <i>92mm crosspiece for fixed doors/windows and rounded leaves - fix clamp</i>	1665	30.60 24.85
		UP 61839	Traverso da 92mm per ante liscie da 70mm fissaggio a vite <i>92mm crosspiece for 70mm smooth leaves</i>	1796	39.51 26.30
		UP 61840	Fascia da 165mm per fissi fissaggio a vite <i>165mm central crossbeam for fixed doors/ windows and rounded leaves</i>	3205	57.15 224.80
		UP 61841	Zoccolo da 165mm per fissi fissaggio a vite <i>165mm central for fixed doors/windows and rounded leaves</i>	3206	60.80 238.30
		UP 61844	Telaio per abbinamento con profili Top Slide 160 <i>frame for combining with Top Slide 160</i>	2321	191.53 7.56
		UP 61845	Telaio L maggiorato con cave per imbotte <i>oversized L frame with slots for frame extensions</i>	2214	66.15 27.41
		UP 61847	Zoccolo riportato per fissi fissaggio a vite <i>fitted base for fixed doors/widows and rounded leaves</i>	2245	41.35 82.15

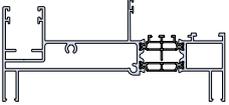
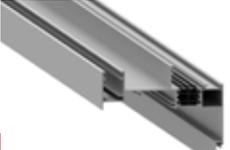
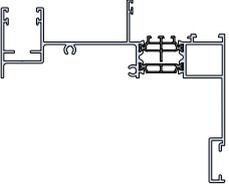
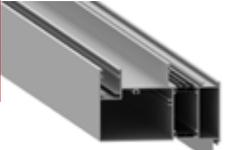
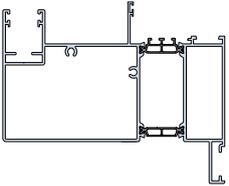
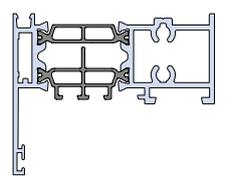
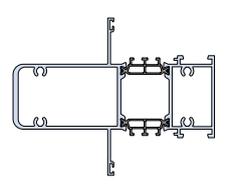
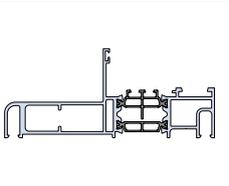
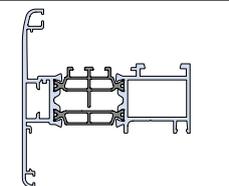
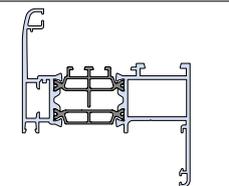
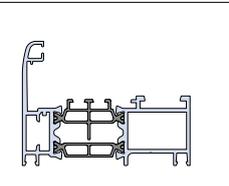
*si consiglia di utilizzare controsagoma durante il taglio a 45° / *it is advisable to use a counterprofile when cutting at 45°*

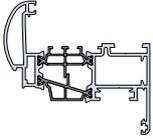
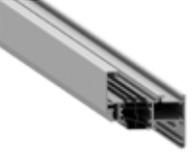
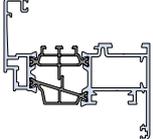
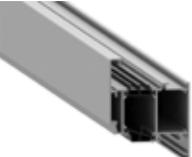
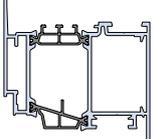
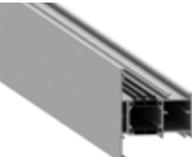
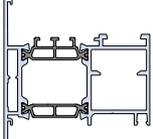
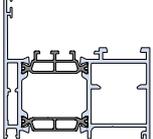
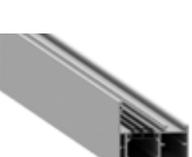
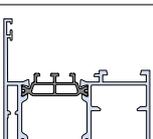
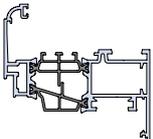
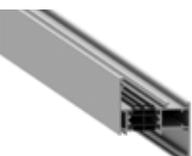
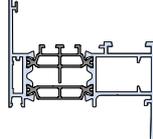
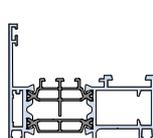


Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
	UP 61848	Zoccolo riportato per ante lisce da 70mm fissaggio a vite <i>fitted base for 70mm smooth leaves</i>	2310	51.15 84.50
	UP 61849	Telaio a "Z" con battuta 25mm, spalla 42mm <i>"Z" frame with beat 25mm, wall 42mm</i>	1379	-
	UP 61850 *	Anta bombata maggiorata <i>oversized convex leaf</i>	1968	48.85 37.78
	UP 61851	Anta vetro infilare spazio spazio vetro 42mm <i>leaf base for beadless glass gap 42mm</i>	1540	38.10 15.10
	UP 61853	Traverso vetro infilare 94mm spazio vetro 42mm fissaggio a vite <i>94mm transom</i>	1888	30.94 38.60
	UP 61856 *	Anta vetro infilare bombata maggiorata spazio vetro 42mm <i>oversized convex leaf base for beadless glass gap 42mm</i>	1982	53.00 40.31
	UP 61857	Anta vetro infilare Yard spazio vetro 42mm <i>Yard leaf base for beadless glass gap 42mm</i>	1381	30.84 8.67
	UP 61860 *	Anta vetro infilare Yard spazio vetro 34mm <i>Yard leaf base for beadless glass gap 34mm</i>	1383	
	UP 61858	Fascia da 165mm per ante lisce da 70mm. Fissaggio a vite <i>165mm band for 70mm smooth doors. Screw fixing</i>	3302	74.93 241.63
	UP 61859	Zoccolo da 165mm per ante lisce da 70mm. Fissaggio a vite <i>165mm plinth for 70mm smooth doors. Screw fixing</i>	3303	75.41 241.74

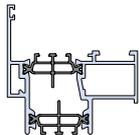
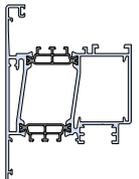
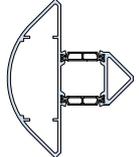
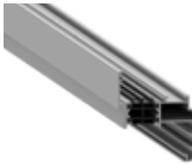
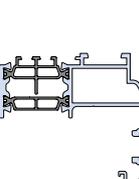
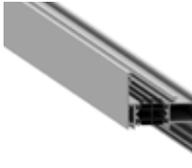
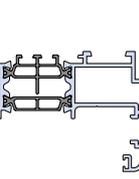
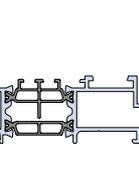
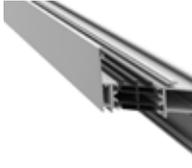
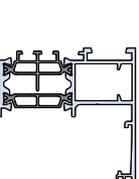
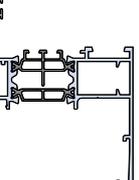
*si consiglia di utilizzare controsagoma durante il taglio a 45° / *it is advisable to use a counterprofile when cutting at 45°*

ELENCO PROFILI
List of profiles

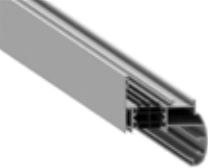
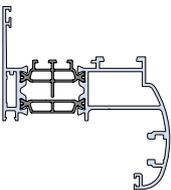
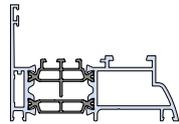
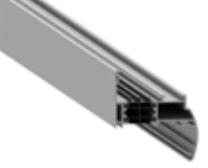
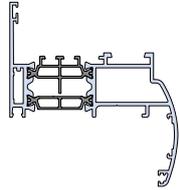
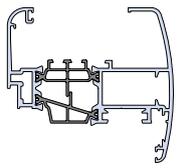
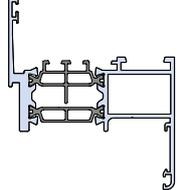
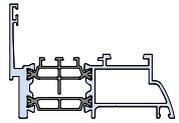
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 61861	Mezza spalla monoblocco con spazio per zanzariere <i>monobloc half shoulder with space for mosquito nets</i>	2595	-
		UP 61863	Spalla monoblocco con spazio per zanzariere <i>monobloc shoulder with space for mosquito nets</i>	2411	-
		UP 61864	Spalla chiusa monoblocco con spazio zanzariere <i>single-unit closed shoulder with double eye bolt for fastening</i>	3268	-
		UP 61865	Telaio fisso a L trasverso superiore monoblocco <i>fixed L frame upper crosspiece single-unit</i>	1217	-
		UP 61868	Pilastro per finestre <i>column for glazing</i>	2465	128.01 33.51
		UP 61869	Mezzo pilastro per finestre <i>half column for glazing</i>	1872	89.26 7.24
		UP 61871	Telaio a T sezione 67mm battuta 22mm, spalla 62mm <i>T frame, section 67mm beat 22mm, wall 62mm</i>	1337	27.31 9.83
		UP 61872	Telaio a Z sezione 67mm battuta 22mm, spalla 62mm <i>Z frame, section 67mm beat 22mm, wall 62mm</i>	1333	29.87 9.69
		UP 61873	Telaio a L sezione 67mm abbinare a UP61872 <i>L frame, section 67mm for UP61872</i>	1225	24.46 6.51

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 61875 *	Anta bombata <i>convex leaf</i>	1504	52.56 13.43
		UP 61877	Anta retta <i>flat leaf</i>	1405	33.30 11.47
		UP 61878	Anta retta maggiorata <i>oversize flat leaf</i>	1882	44.50 34.79
		UP 61881	Telaio fisso a T medio battuta 22mm, spalla 57mm <i>medium fixed T frame beat 22mm, wall 57mm</i>	1456	27.06 16.35
		UP 61882	Telaio fisso a Z medio battuta 22 mm, spalla 58mm <i>medium fixed Z frame beat 22mm, wall 58mm</i>	1454	28.83 16.04
		UP 61883	Telaio fisso a L medio abbinare UP61882 <i>medium fixed L frame with UP61882</i>	1347	24.61 12.03
		UP 61891	Anta modanata <i>molded leaf</i>	1391	-
		UP 61892 *	Telaio Yard retto a Z battuta 25 mm, spalla 54 mm <i>flat Z Yard frame beat 25mm, wall 54mm</i>	1302	11.21 27.01
		UP 61893 *	Telaio Yard retto a L abbinare a UP61892 <i>flat L Yard frame for UP61892</i>	1138	5.51 20.63

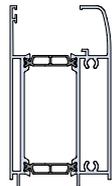
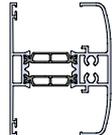
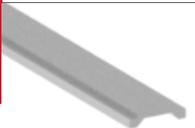
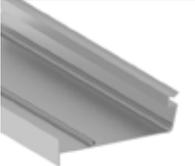
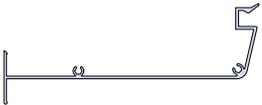
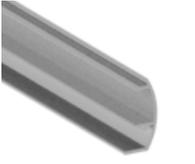
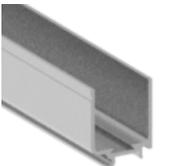
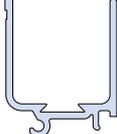
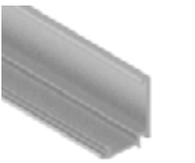
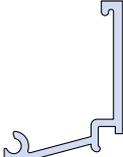
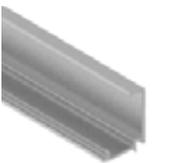
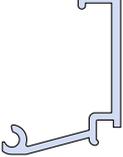
*si consiglia di utilizzare per questo telaio le squadrette ACP 5502 / ACP 7001/ it is advisable to use ACP5502 / ACP7001

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 61895	Profilo per accoppiamento con facciata Sirio 50 <i>profile for combining with planet Sirio facade</i>	1296	19.96 10.20
		UP 61896	Anta retta bilico <i>pivot leaf</i>	2002	43.90 40.65
		UP 61899	Pilastro d'angolo a 90° <i>90° angle column</i>	1999	40.00 49.23
		UP 62722	Telaio fisso a Z, complanare per ristrutturazione battuta 30mm, spalla 53mm <i>coplanar fixed Z frame beat 30mm, wall 53mm</i>	1469	36.09 14.64
		UP 62802	Telaio fisso a Z - complanare battuta 22mm, spalla 57mm <i>coplanar fixed Z frame beat 22mm, wall 57mm</i>	1360	31.60 10.65
		UP 62803	Telaio fisso a L, complanare abbinare a UP62802 <i>coplanar fixed L leaf combined with UP62802</i>	1179	24.15 5.85
		UP62805 *	Telaio fino a Z battuta 30mm spalla 54mm <i>Frame up to Z frame beat 30mm, wall 54mm</i>	1322	27.75 13.23
		UP62806 *	Telaio fino a Z battuta 40mm spalla 54mm <i>Frame up to Z frame beat 40mm, wall 54mm</i>	1362	29.16 18.54

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

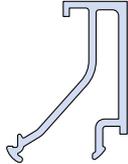
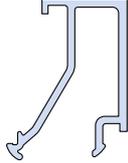
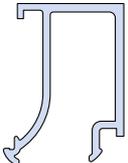
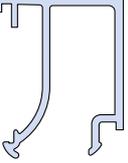
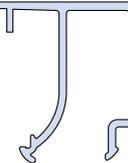
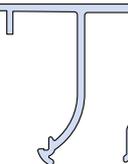
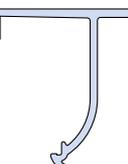
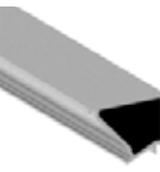
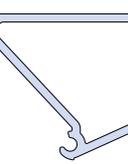
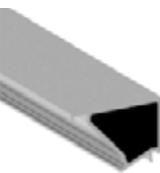
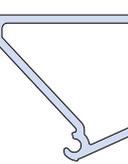
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 62822	Telaio fisso a Z, complanare battuta 30mm, spalla 57mm <i>coplanar fixed Z frame beat 30mm, wall 57mm</i>	1434	36.09 14.64
		UP 62823	Telaio fisso a L, complanare abbinare a UP62822 e UP62824 <i>coplanar fixed L leaf combined with UP62822 and UP62824</i>	1180	24.39 5.77
		UP 62824	Telaio fisso a Z, complanare battuta 30mm, spalla 64mm <i>coplanar fixed Z frame beat 30mm, wall 64mm</i>	1361	34.80 11.76
		UP 62851 *	Anta vetro infilare bombata spazio vetro 42mm <i>convex leaf base for beadless glass gap 42mm</i>	1577	40.35 14.81
		UP 62852	Fascia vetro infilare 165mm spazio vetro 42mm fissaggio a vite <i>165mm glass insert central crossbeam glass space 42mm</i>	3382	29.47 241.80
		UP 62890	Telaio fisso a Z per ristrutturazione battuta 22mm, spalla 54mm <i>fixed Z frame beat 22mm, wall 54mm</i>	1265	85.23 24.95
		UP 62893	Telaio fisso a L, complanare per ristrutturazione abbinare con UP62722 <i>fixed L leaf, combined with UP62722</i>	1215	56.57 24.93

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

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 62894	Zoccolo riportato vetro infilare per anta Yard spazio vetro 34 mm <i>TT 62894 Plinth inserted in glass for Yard door 34 mm glass space</i>	2095	-
		UP 62895	Fascia vetro infilare per anta Yard spazio vetro 34 mm <i>Glass strip to insert for Yard space glass door 34 mm</i>	1476	-
		AS 1000	Astina <i>small rod</i>	119	-
		AS 4864	Cassonetto inf. e sup. <i>lower and upper box</i>	1218	-
		AS 4865	Cassonetto frontale <i>front box</i>	1110	-
		AS 48167	Profilo copricava bombato per monoblocco <i>convex cable cover profile for single unit</i>	160	-
		PL 1325 *	Fermavetro Easysun da 24,5mm <i>24,5mm Easysun glazing bead</i>	348	-
		PL 1404 *	Fermavetro retto da 3,5mm <i>3,5mm smooth glazing bead</i>	190	-
		PL 1407 *	Fermavetro retto da 7mm <i>7mm smooth glazing bead</i>	206	-

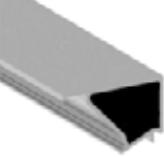
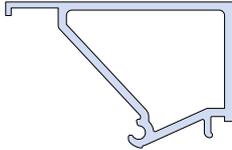
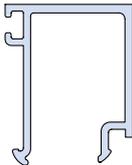
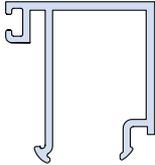
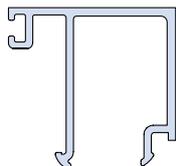
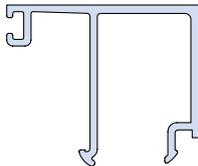
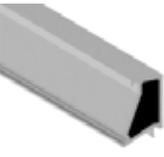
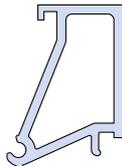
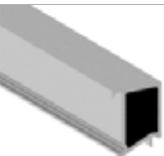
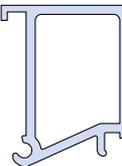
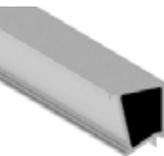
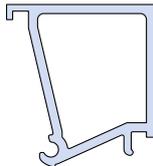
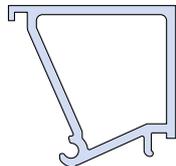
*si consiglia di utilizzare ACP 5027/ it is advisable to use ACP 5027

VEDI GRIGLIA VETRAZIONI A PAGINA 87

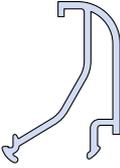
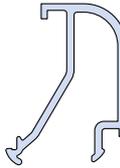
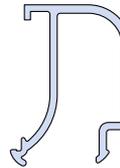
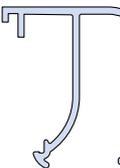
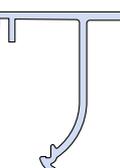
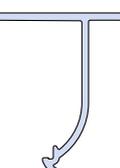
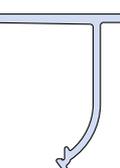
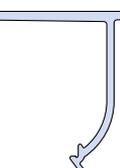
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		PL 1411	Fermavetro retto da 10,5mm <i>10,5 mm smooth glazing bead</i>	252	-
		PL 1414	Fermavetro retto da 14mm <i>14mm smooth glazing bead</i>	257	-
		PL 1418	Fermavetro retto da 17mm <i>17mm smooth glazing bead</i>	268	-
		PL 1421	Fermavetro retto 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	-
		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	-

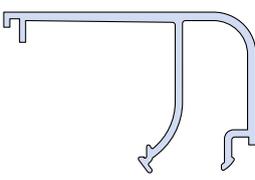
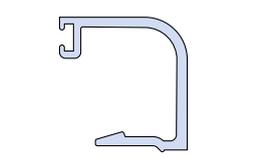
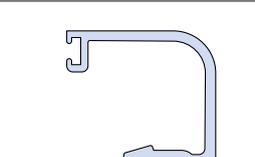
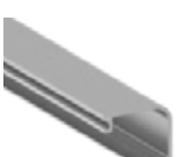
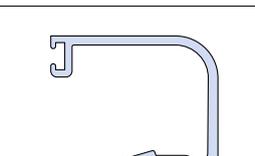
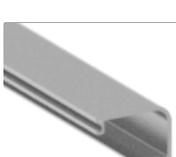
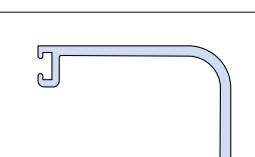
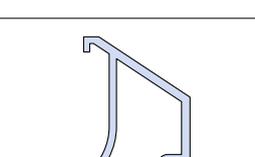
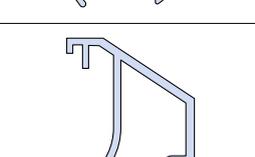
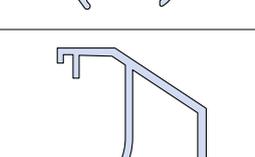
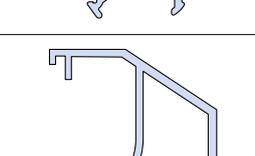
*si consiglia di utilizzare ACP 5027/ it is advisable to use ACP 5027

VEDI GRIGLIA VETRAZIONI A PAGINA 87

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		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	-
		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	-

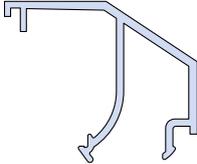
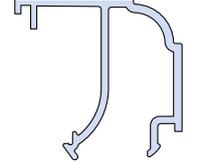
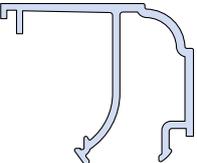
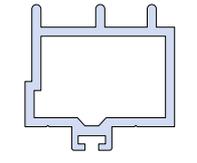
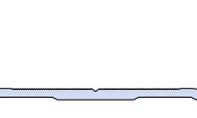
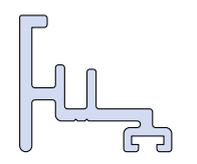
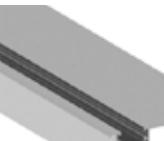
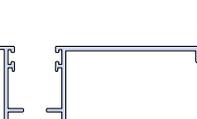
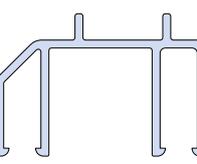
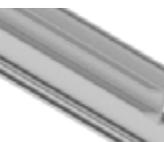
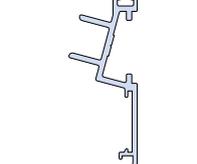
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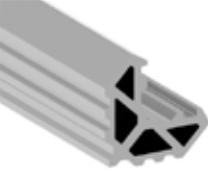
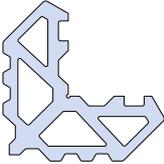
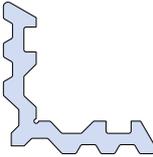
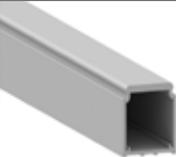
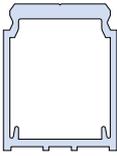
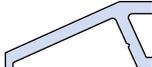
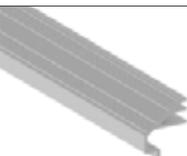
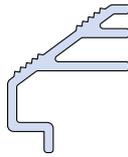
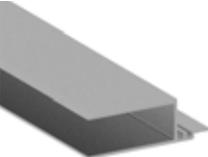
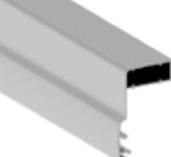
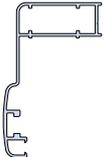
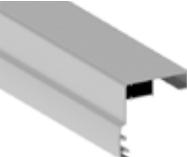
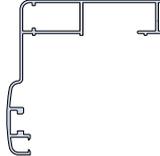
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		PL 1511	Fermavetro arrotondato da 10mm <i>10mm rounded glazing bead</i>	238	-
		PL 1514	Fermavetro arrotondato da 14mm <i>14mm rounded glazing bead</i>	247	-
		PL 1518	Fermavetro arrotondato da 17,5mm <i>17mm rounded glazing bead</i>	257	-
		PL 1521	Fermavetro arrotondato da 21 mm <i>21mm rounded glazing bead</i>	279	-
		PL 1525	Fermavetro arrotondato da 24,5mm <i>24,5mm rounded glazing bead</i>	290	-
		PL 1528	Fermavetro arrotondato da 27,5mm <i>27,5mm rounded glazing bead</i>	301	-
		PL 1532	Fermavetro arrotondato da 31,7mm <i>31,7mm rounded glazing bead</i>	317	-
		PL 1535	Fermavetro arrotondato da 35mm <i>35mm rounded glazing bead</i>	337	-
		PL 1539	Fermavetro arrotondato da 38,5mm <i>38,5mm rounded glazing bead</i>	352	-

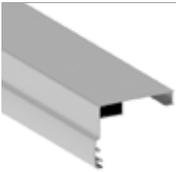
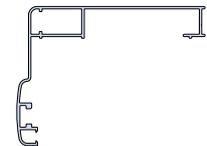
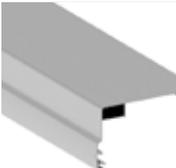
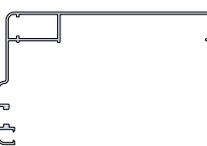
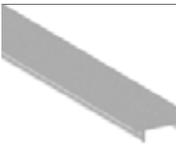
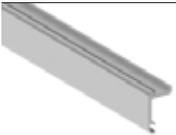
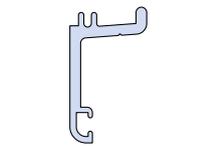
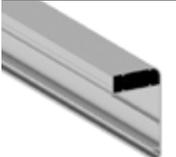
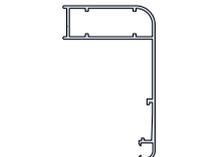
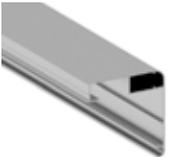
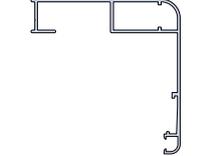
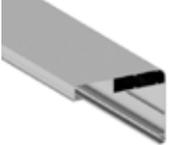
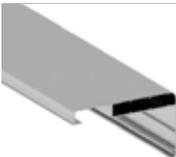
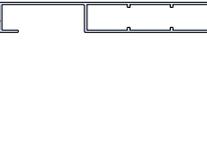
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		PL 1542	Fermavetro arrotondato da 41,5mm <i>41,5mm rounded glazing bead</i>	365	-
		PL 15221	Fermavetro raggiato per clip da 21mm <i>21mm rounded glazing bead</i>	259	-
		PL 15225	Fermavetro raggiato per clip da 24,5mm <i>24,5mm radial glazing bead</i>	275	-
		PL 15228	Fermavetro raggiato per clip da 27,5mm <i>27,5mm radial glazing bead</i>	272	-
		PL 15232	Fermavetro raggiato per clip da 31,7mm <i>31,7mm radial glazing bead</i>	305	-
		PL 1818	Fermavetro smussato da 17,5mm <i>17,5mm bevelled glazing bead</i>	236	-
		PL 1821	Fermavetro smussato da 21mm <i>21mm bevelled glazing bead</i>	258	-
		PL 1825	Fermavetro smussato da 24,5mm <i>24,5mm bevelled glazing bead</i>	270	-
		PL 1828	Fermavetro smussato da 27,5mm <i>27,5mm bevelled glazing bead</i>	279	-

ELENCO PROFILI

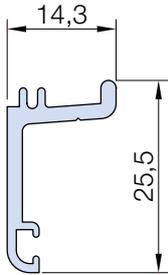
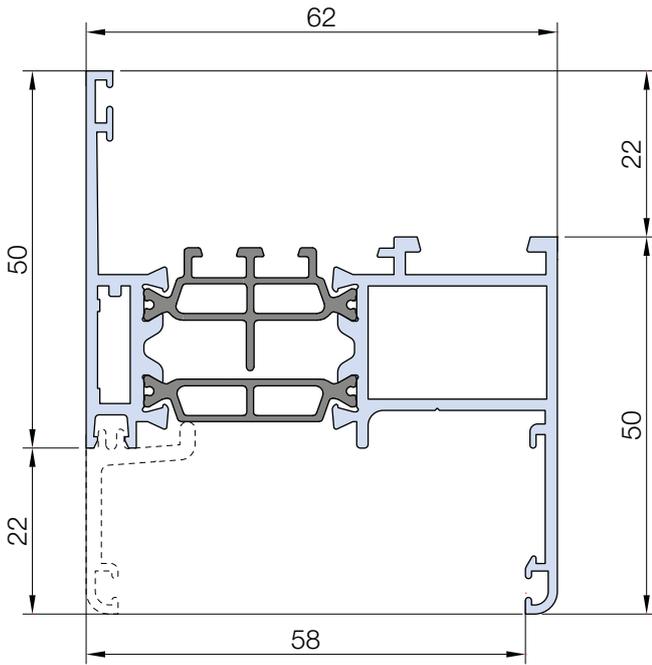
List of profiles

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		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 UP61840, UP61841, UP61858 e UP61859 <i>brush holder for UP61840, UP61841, UP61858 e UP61859</i>	672	-
		PL 2058	Soglia calpestabile 3 mm <i>threshold plate 3mm</i>	404	-
		PL 2059	Portaspazzolino sottoporta per ante giunto aperto a girare <i>floor brush holder</i>	397	-
		PL 2060	Guida tapparella <i>roller shutter guide</i>	947	-
		PL 2075	Profilo giunzione finestre <i>glazing joint profile</i>	528	-
		PL 2077	Copriprofilo per UP6186 <i>glazing counter-frame for UP6186</i>	385	-

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		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 2859	Tubolare rinforzo universale strutturale <i>tubular universal structural reinforcement</i>	800	-
		PL 2860	Copertina rinforzo universale strutturale <i>universal structural reinforcement cover</i>	177	-
		PL 20100	Gocciolatoio <i>drip</i>	129	-
		PL 20126	Rinforzo soglia ribassata <i>low sill reinforcement</i>	260	-
		PL 20192	Cava per imbotte ad applicare per telai a L maggiorati <i>slot for wall profile for oversize L frame</i>	636	-
		PL 20193	Imbotte da 45mm <i>45mm wall profile</i>	945	-
		PL 20194	Imbotte da 75mm <i>75mm wall profile</i>	1149	-

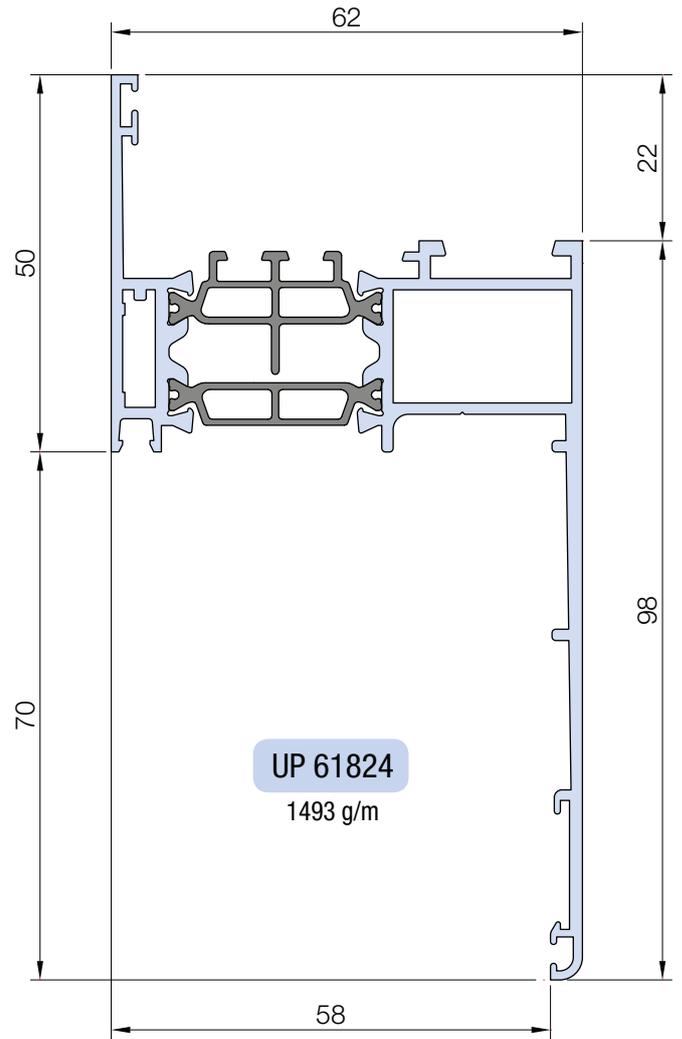
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		PL 20195	Imbotte da 105mm <i>105mm wall profile</i>	1306	
		PL 20196	Prolunga imbotti da 90 mm <i>90mm wall profile extension</i>	686	-
		PL 20198	Imbotte da 135mmv <i>135mm wall profile</i>	1504	-
		PL 20226	Profilo copricava per UP61825, PL2077 e spalle monoblocco 61764, 61863, 61864 <i>cable cover profile for UP61825, PL2077 and single unit shoulder 61764, 61863, 61864</i>	95	-
		PL 20228	Battuta riportata a 22 mm 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 78,5 mm <i>78,5mm wall profile</i>	1022	-
		PL 20295	Imbotte da 108,5mm <i>108,5mm wall profile</i>	1236	-
		PL 20296	Prolunga imbotti da 103mm <i>103mm wall profile extension</i>	816	-
		PL 20298	Imbotte da 138,5mm <i>138,5mm wall profile</i>	1472	-

ELENCO PROFILI
List of profiles

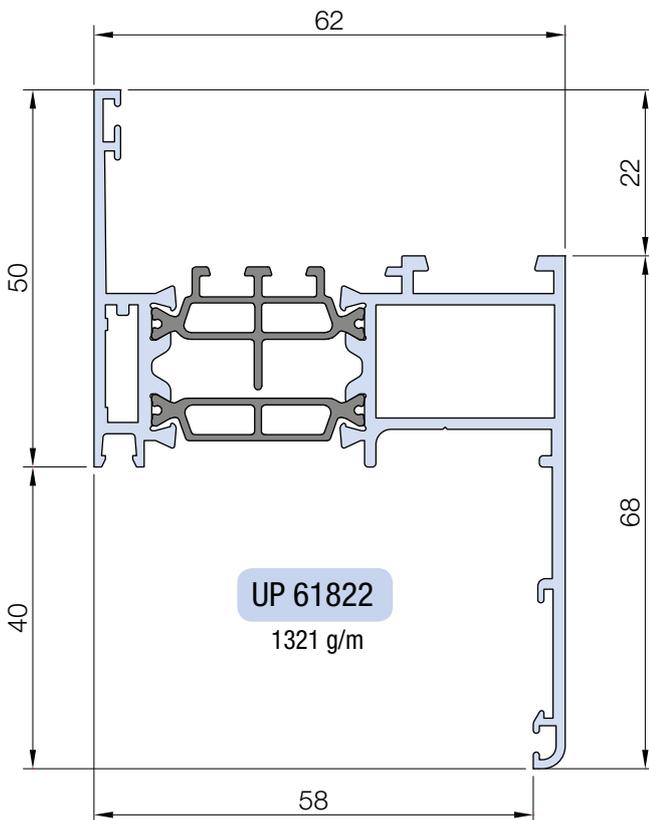


UP 61802
1230 g/m

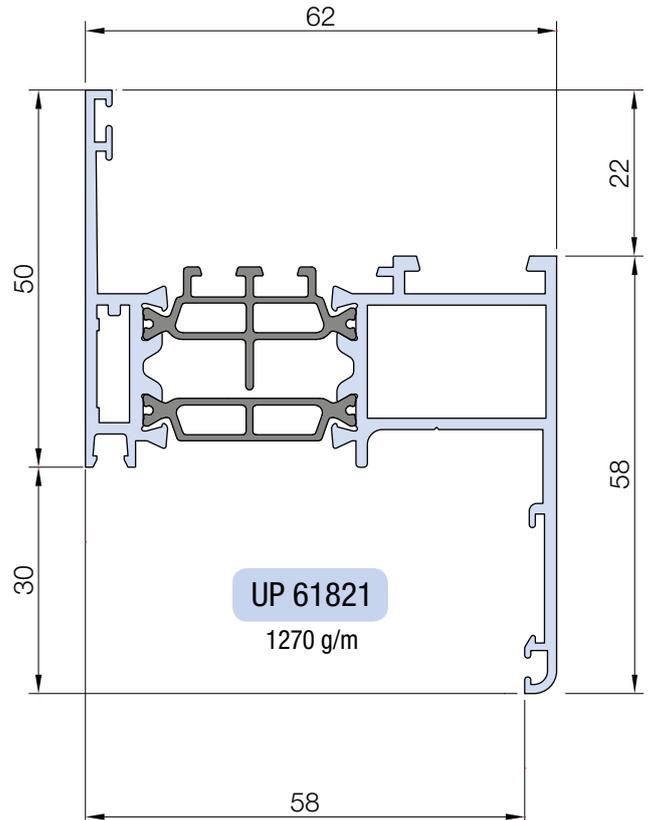
PL 20228
217 g/m



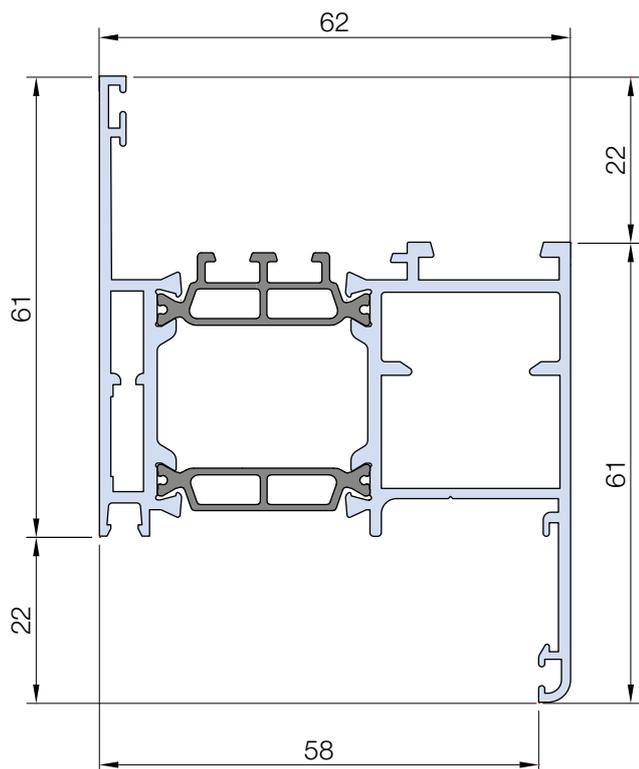
UP 61824
1493 g/m



UP 61822
1321 g/m

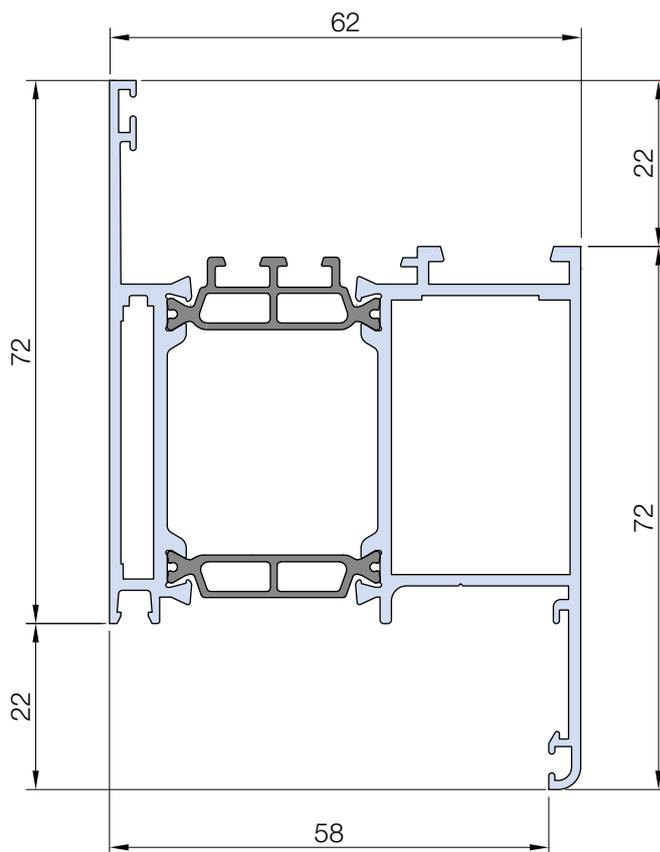


UP 61821
1270 g/m



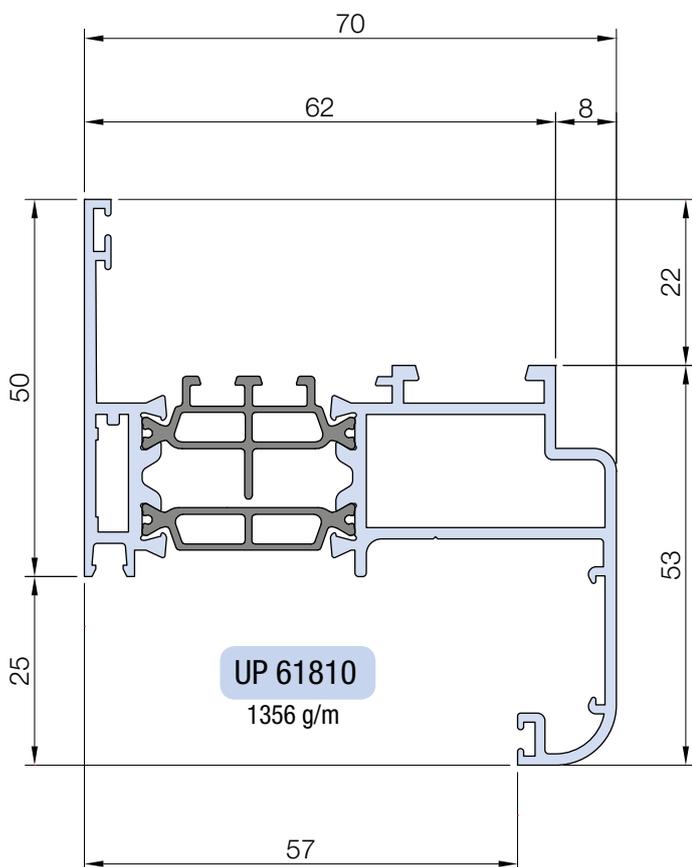
UP 61882

1454 g/m



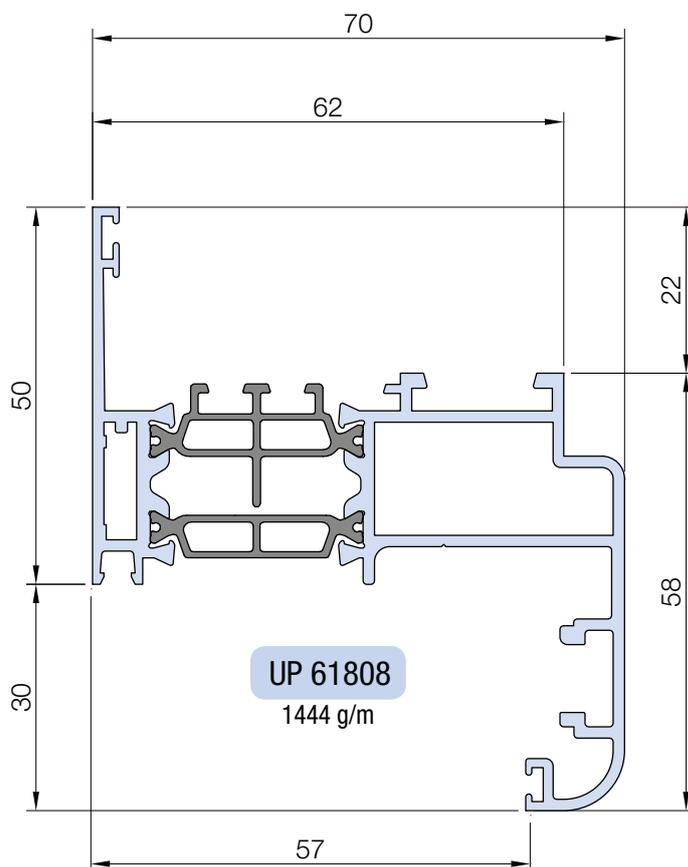
UP 61832

1621 g/m



UP 61810

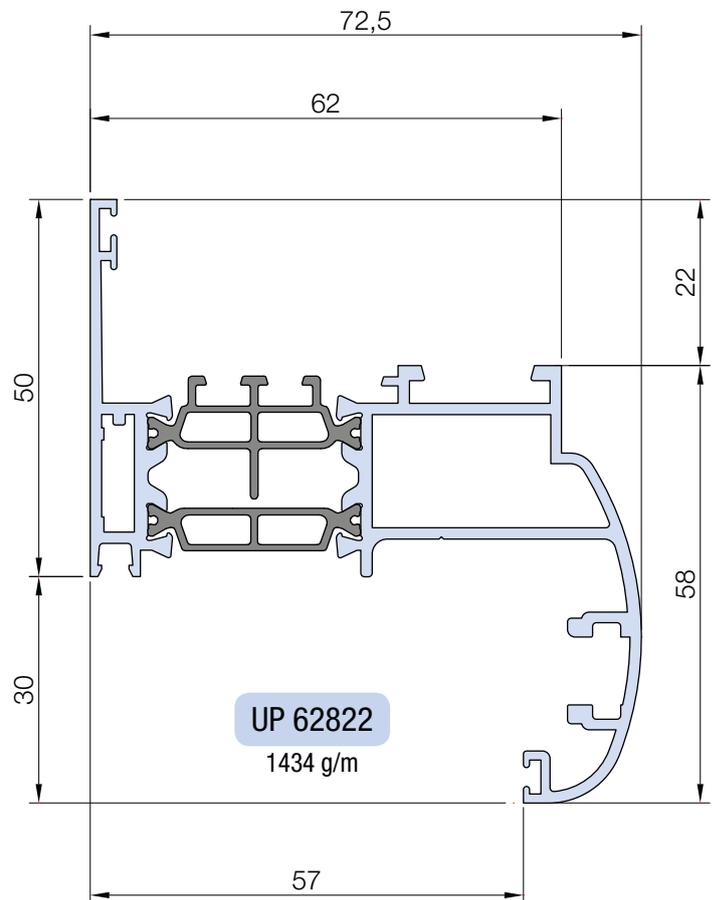
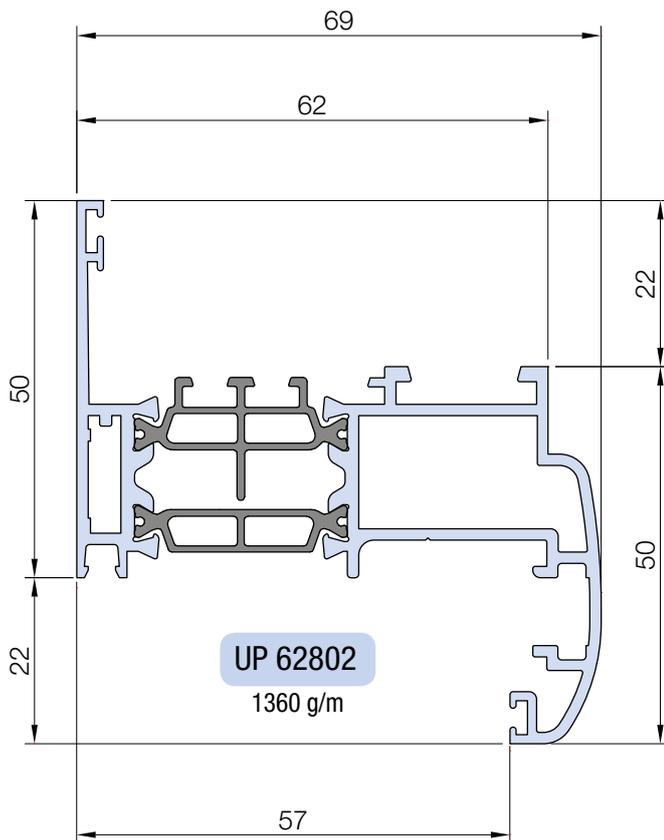
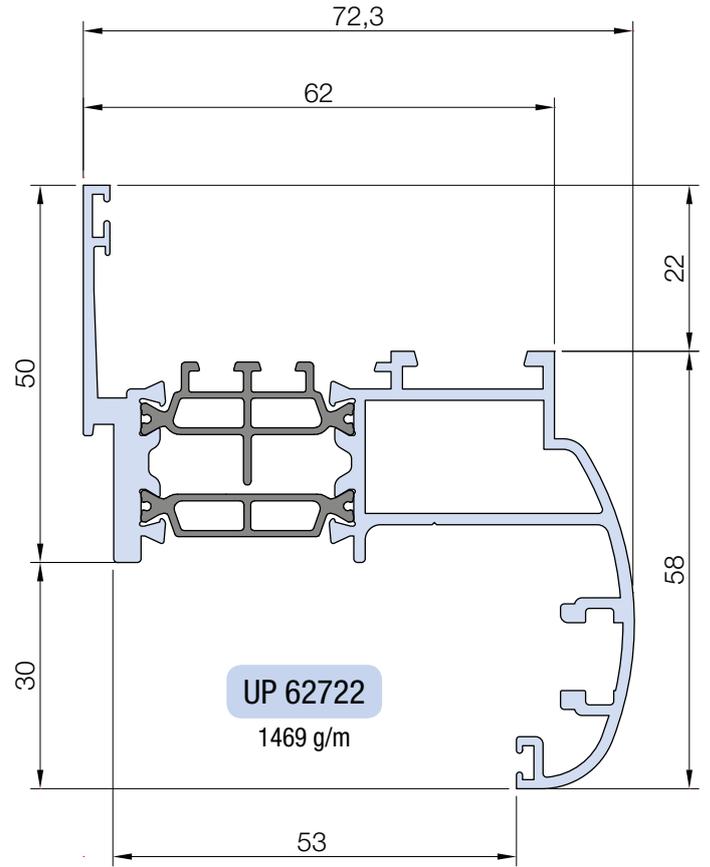
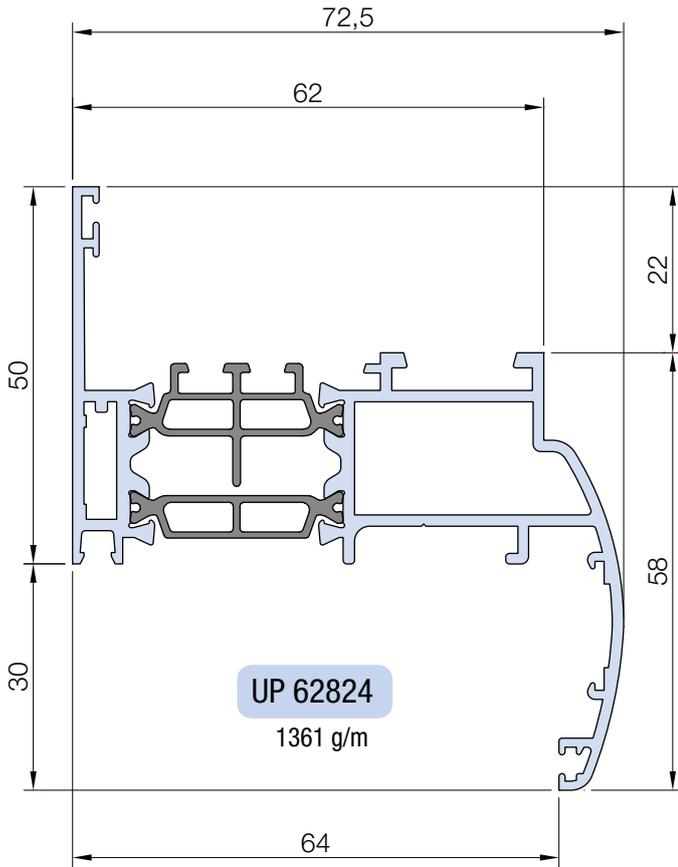
1356 g/m

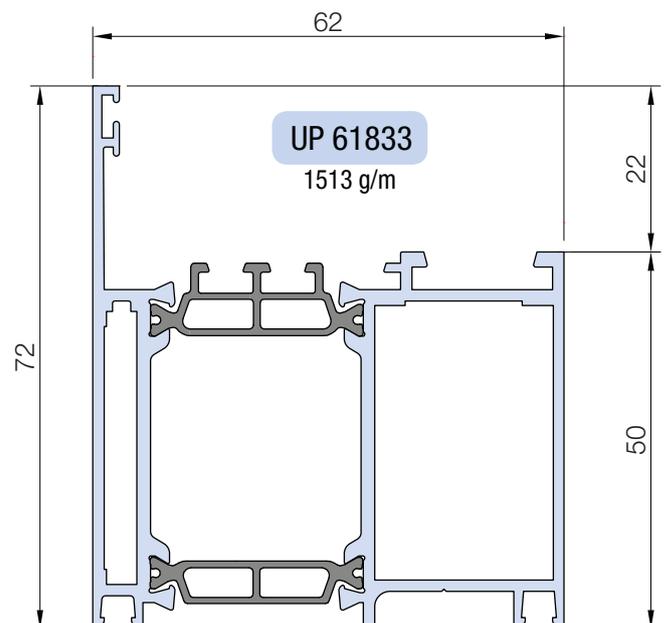
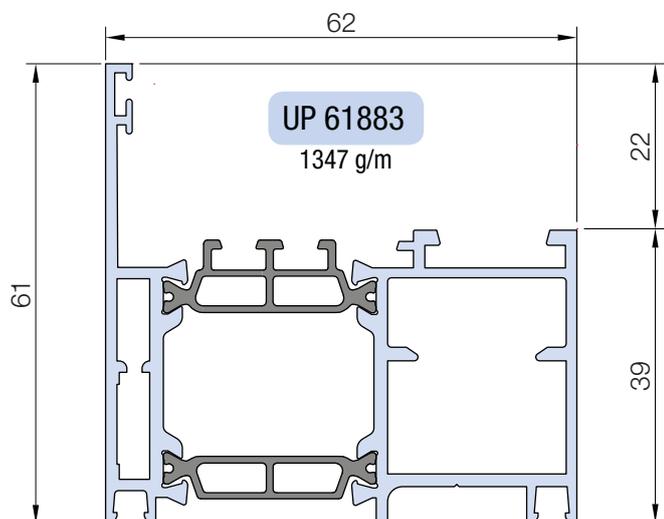
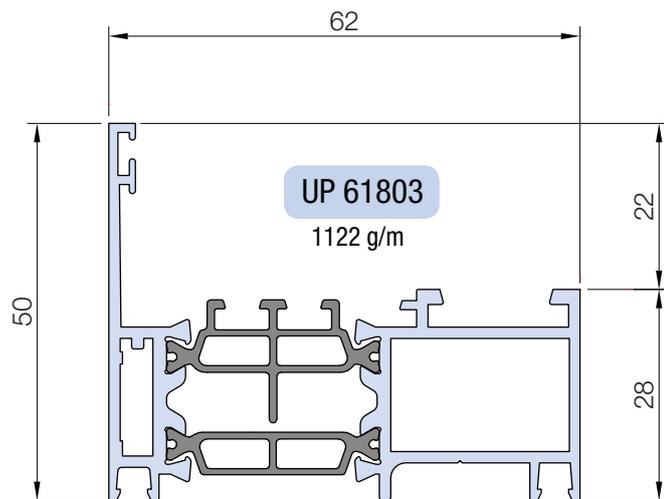
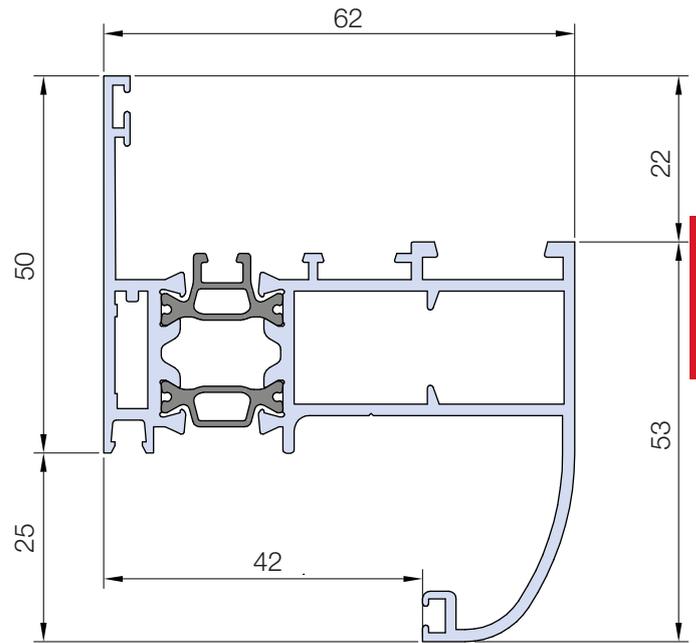
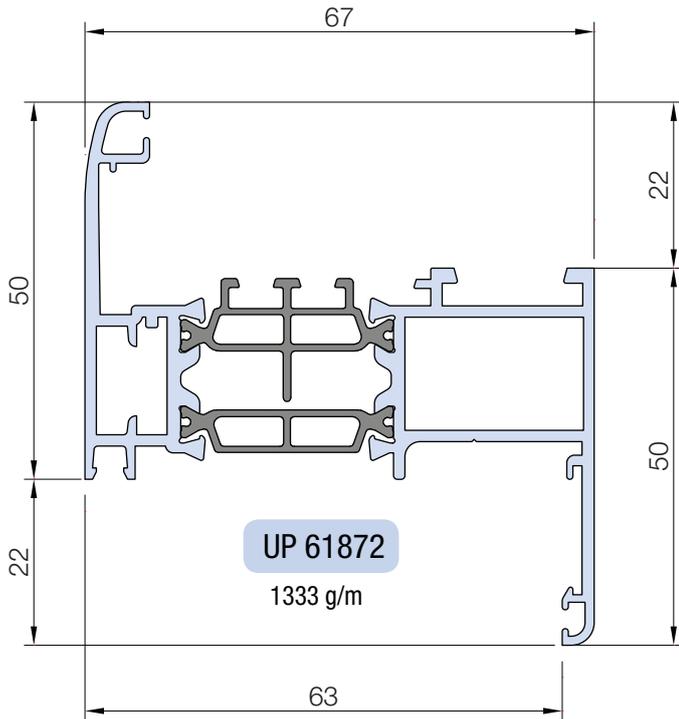


UP 61808

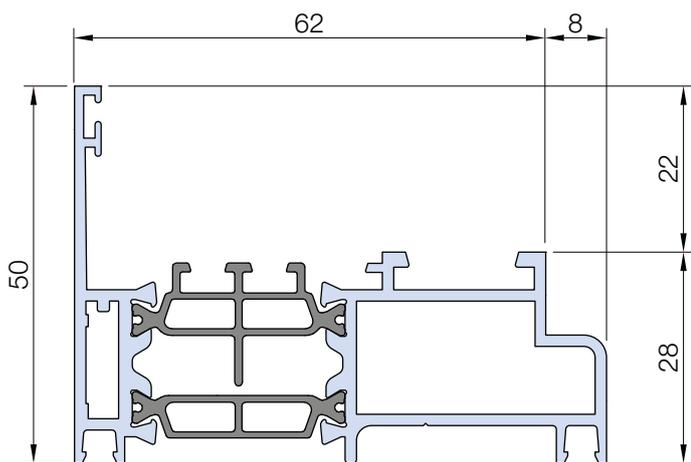
1444 g/m

SAGOMARIO
Profile representation



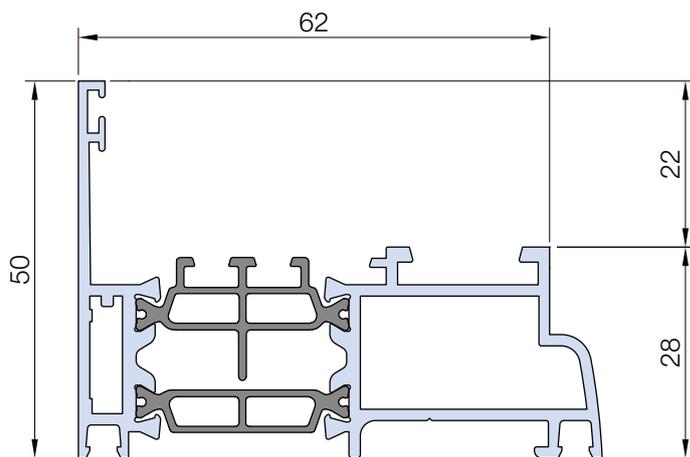


SAGOMARIO
Profile representation



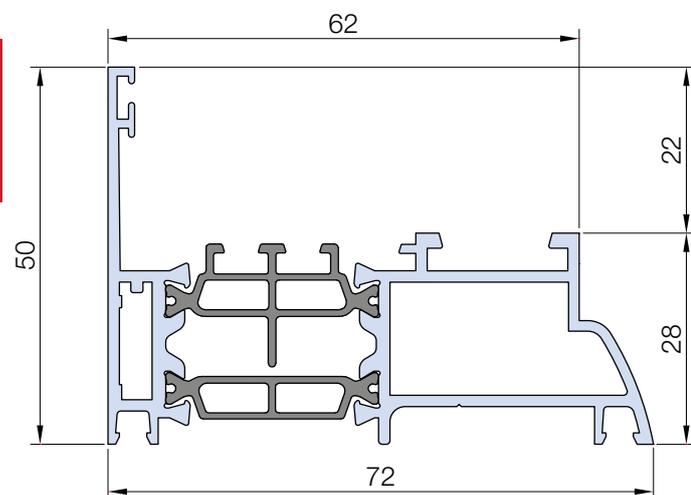
UP 61809

1186 g/m



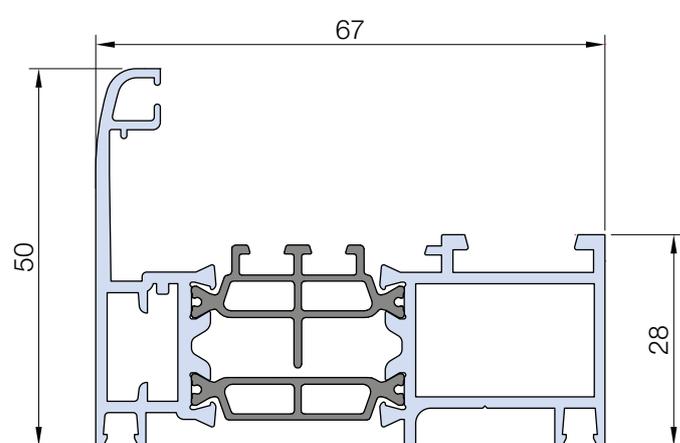
UP 62803

1179 g/m



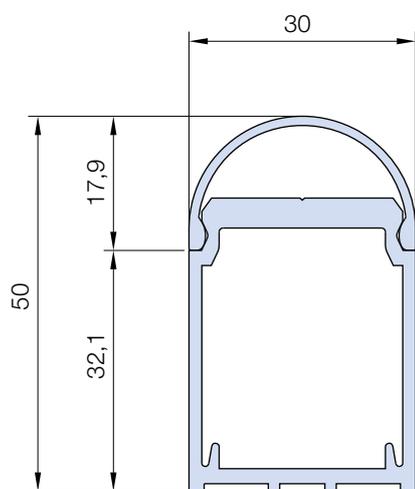
UP 62823

1180g/m



UP 61873

1225g/m

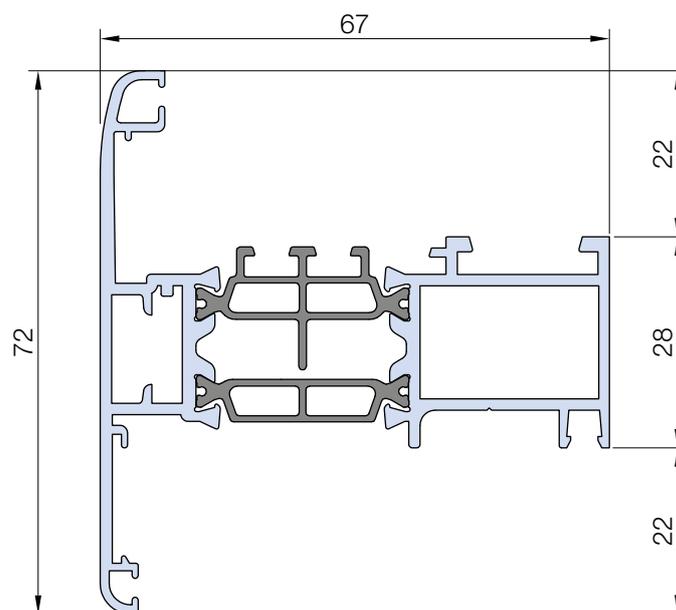


PL 2859

800 g/m

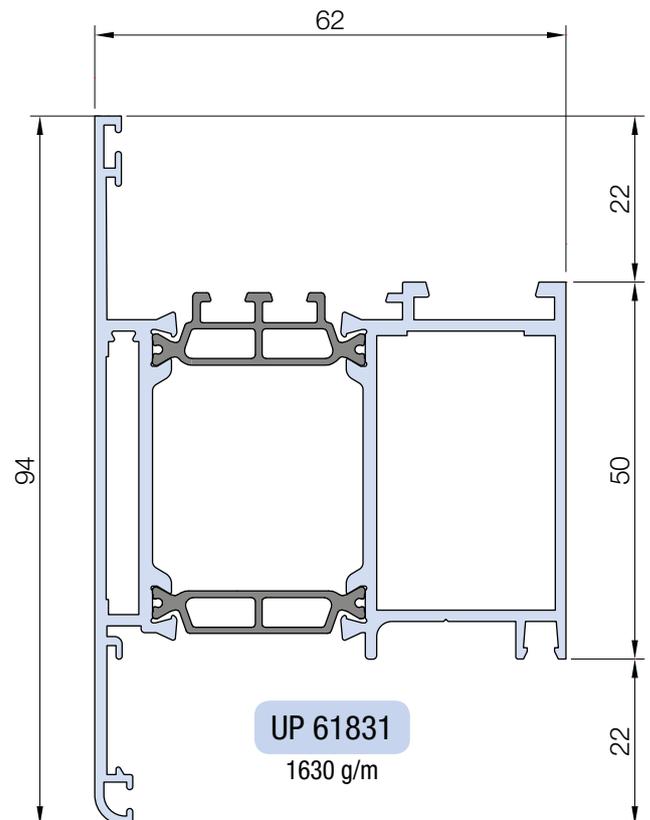
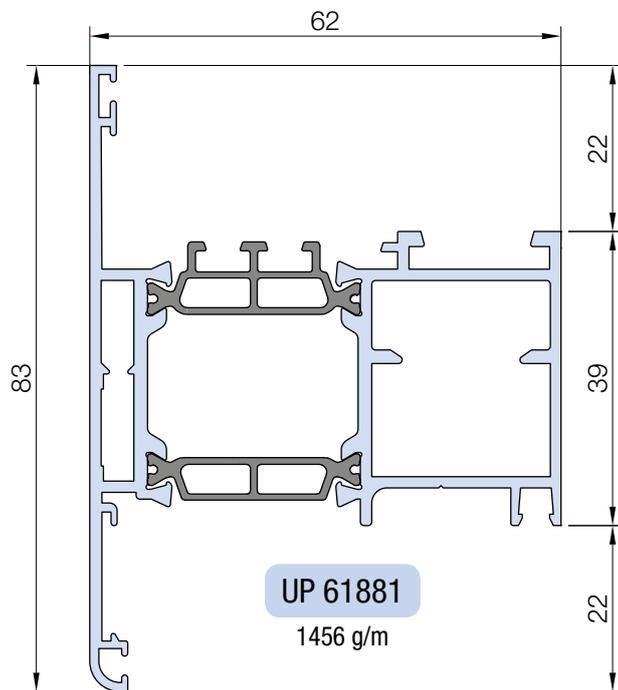
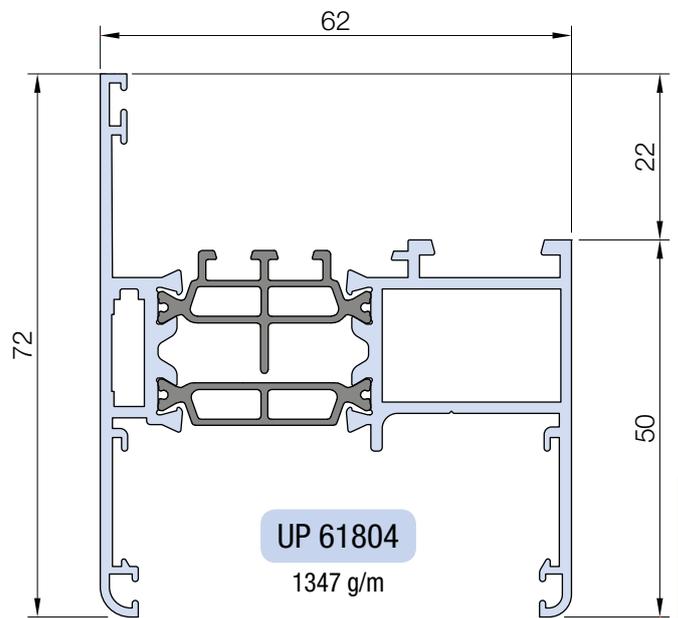
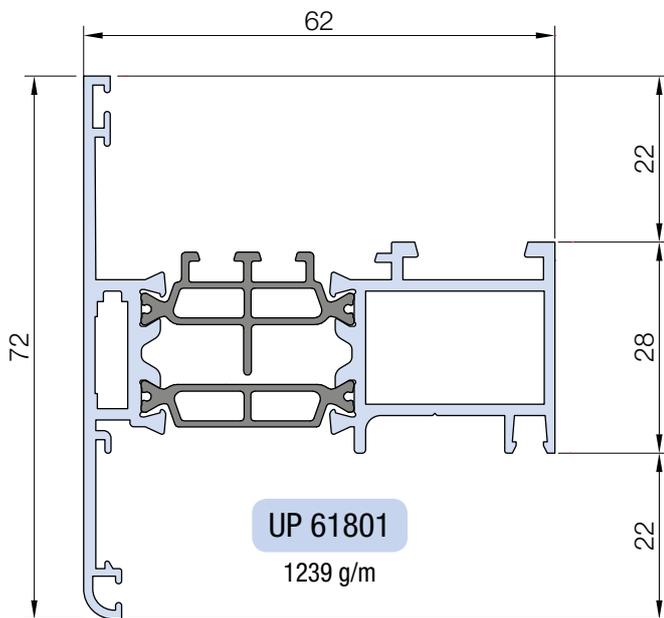
PL 2860

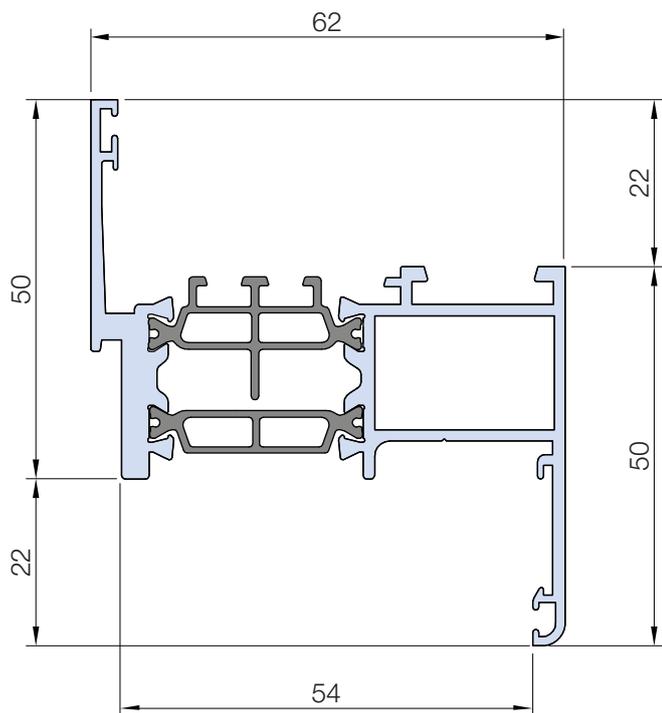
177 g/m



UP 61871

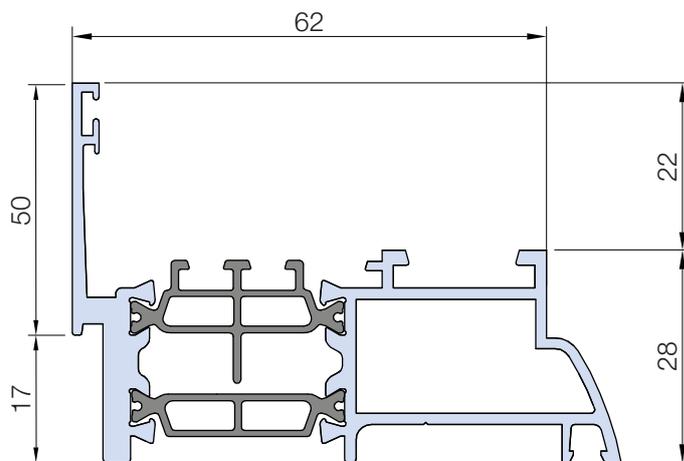
1337 g/m





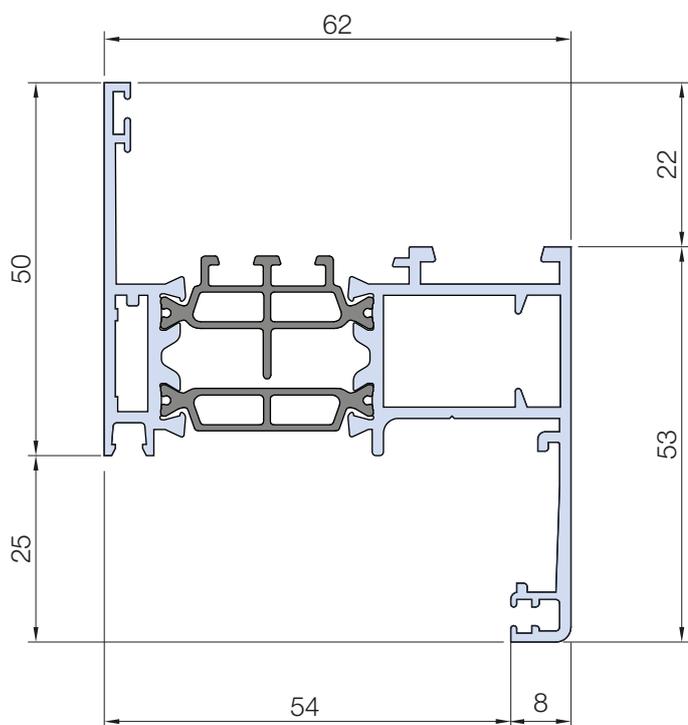
UP 62890

1265 g/m



UP 62893

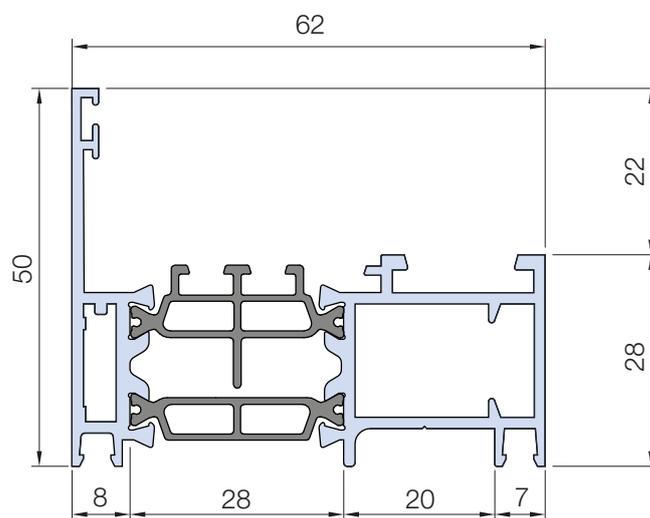
1215 g/m



UP 61892

1302 g/m

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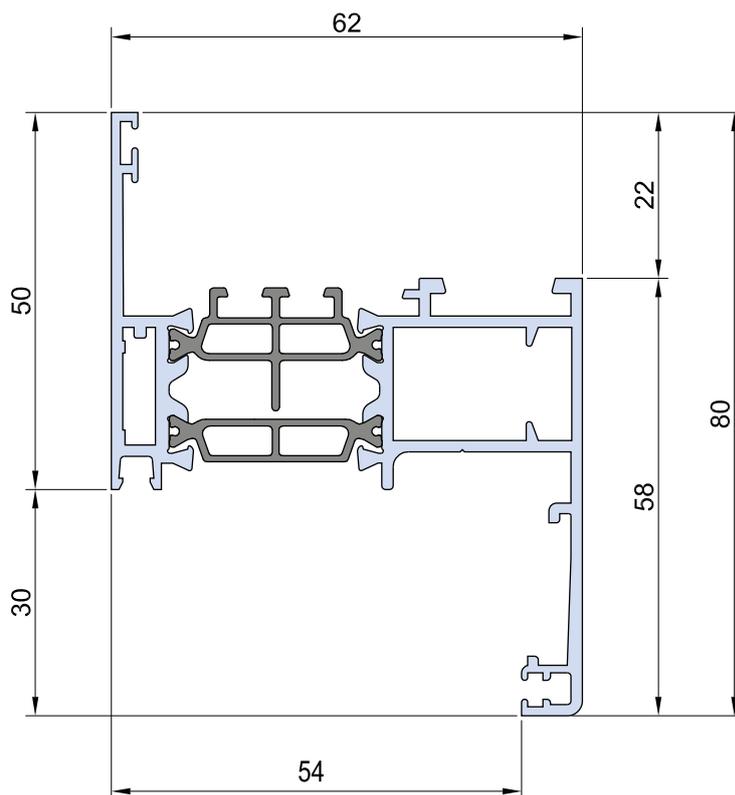
UP 61893

1138 g/m

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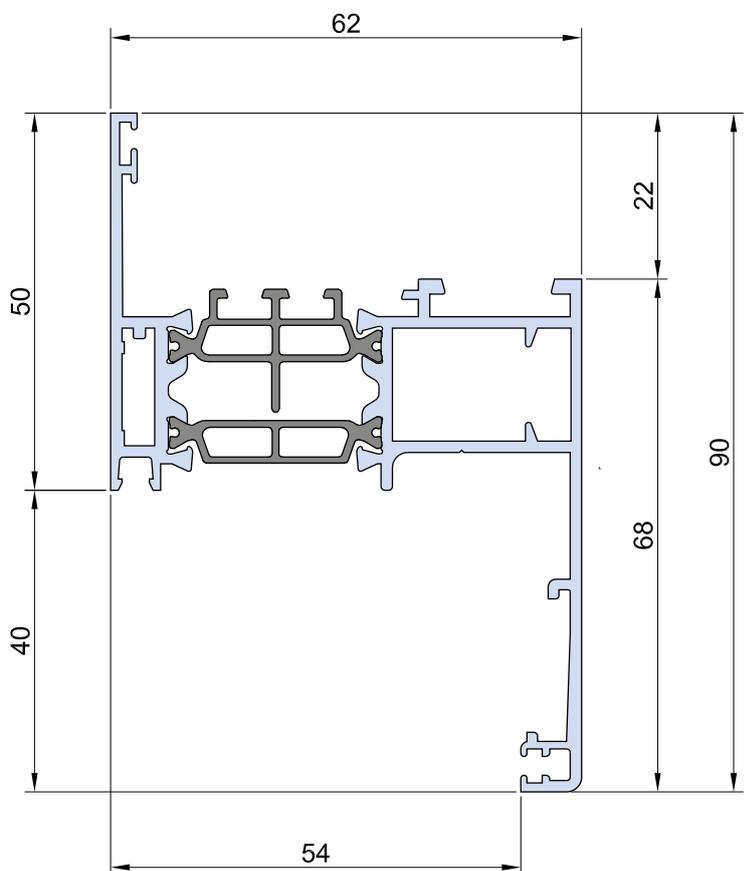
* PER QUESTO TELAIO,
UTILIZZARE SQUADRETTA
ACP 7001



UP 62805

1322 g/m

*



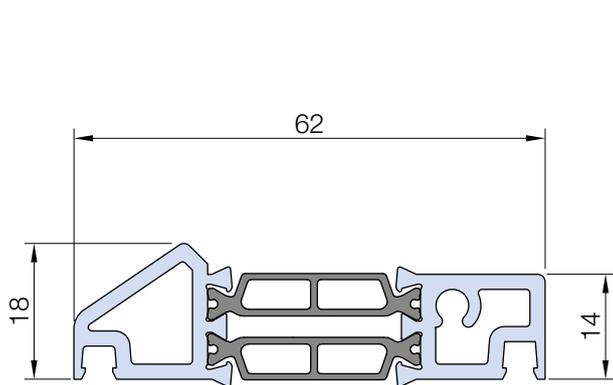
UP 62806

1362 g/m

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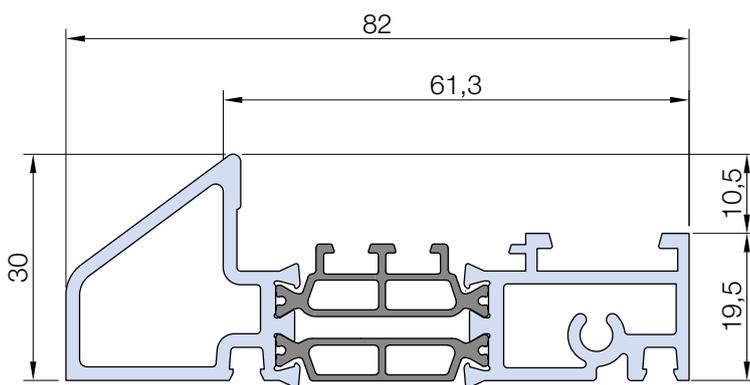


* PER QUESTO TELAIO,
UTILIZZARE SQUADRETTA
ACP 7001



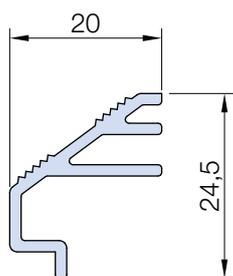
UP 6105

880 g/m



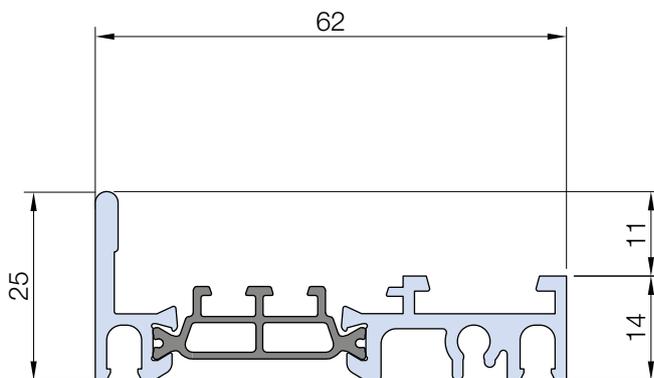
UP 61806

1273 g/m



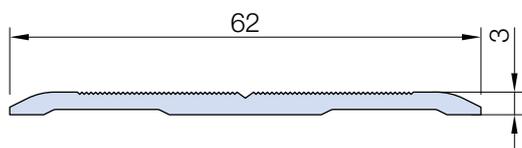
PL 20126

260 g/m



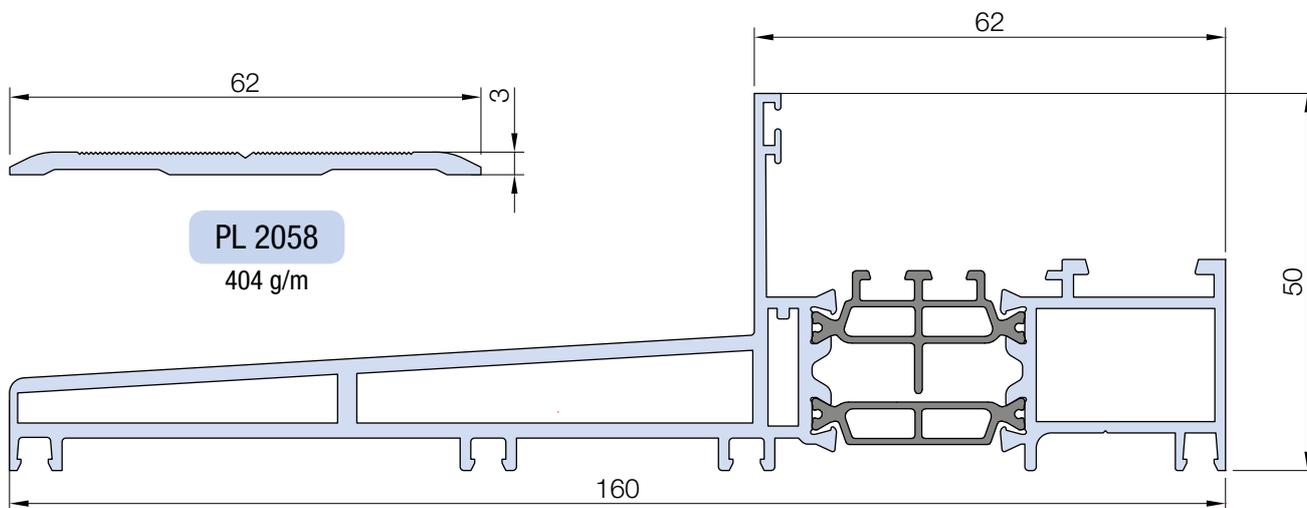
UP 61807

740 g/m



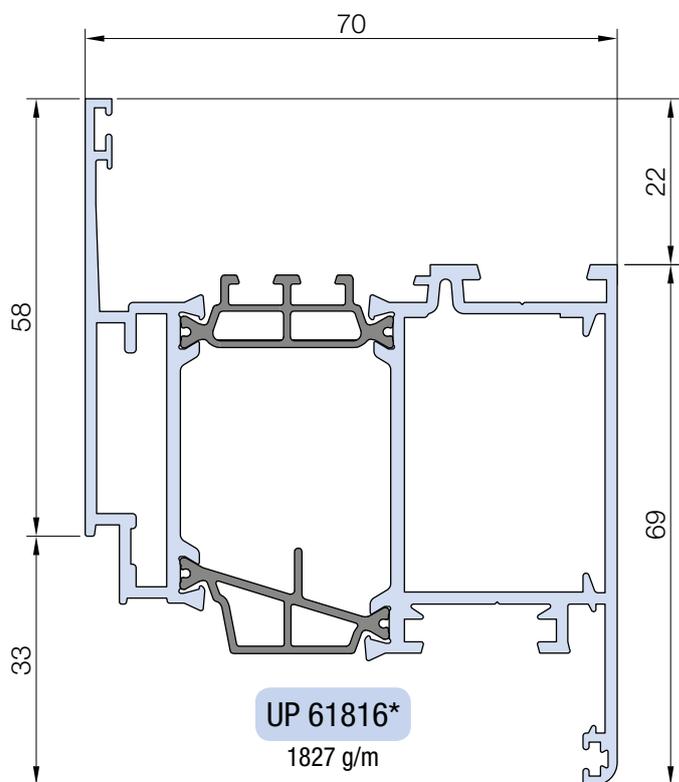
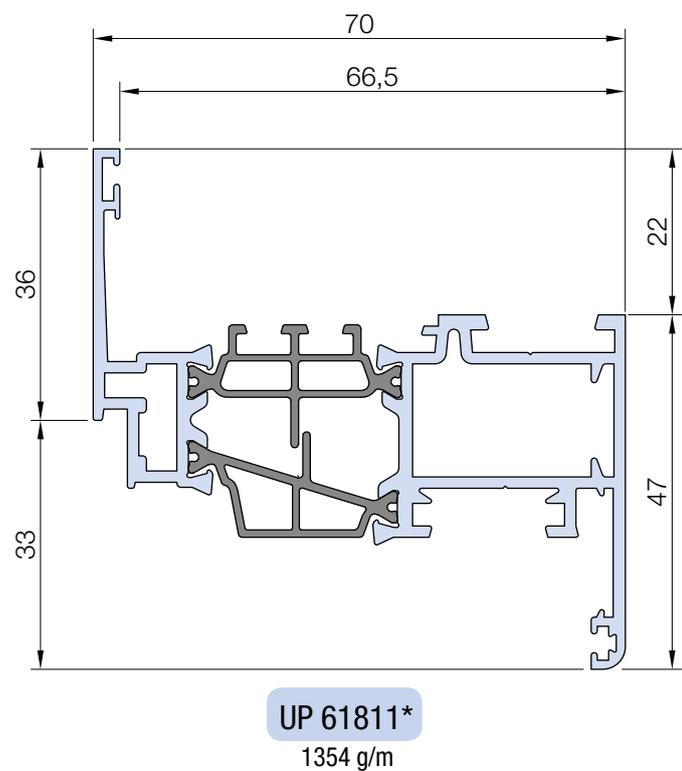
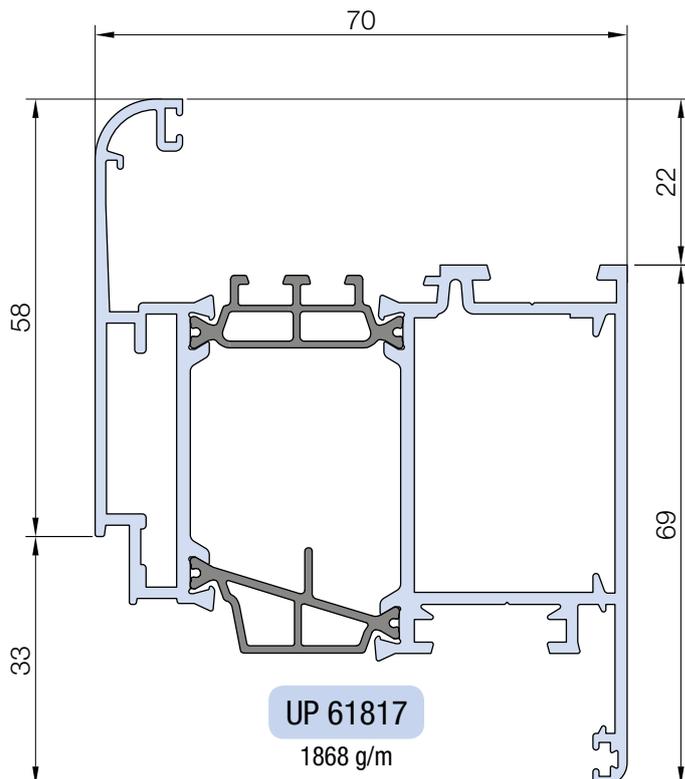
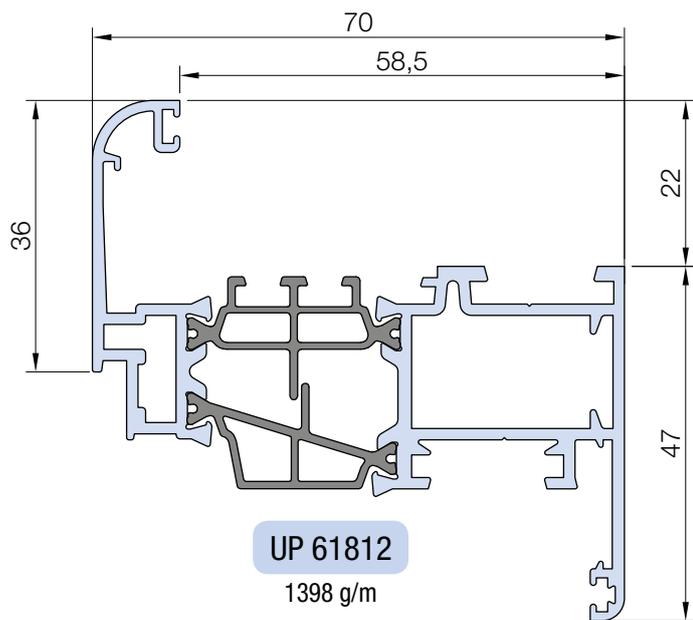
PL 2058

404 g/m



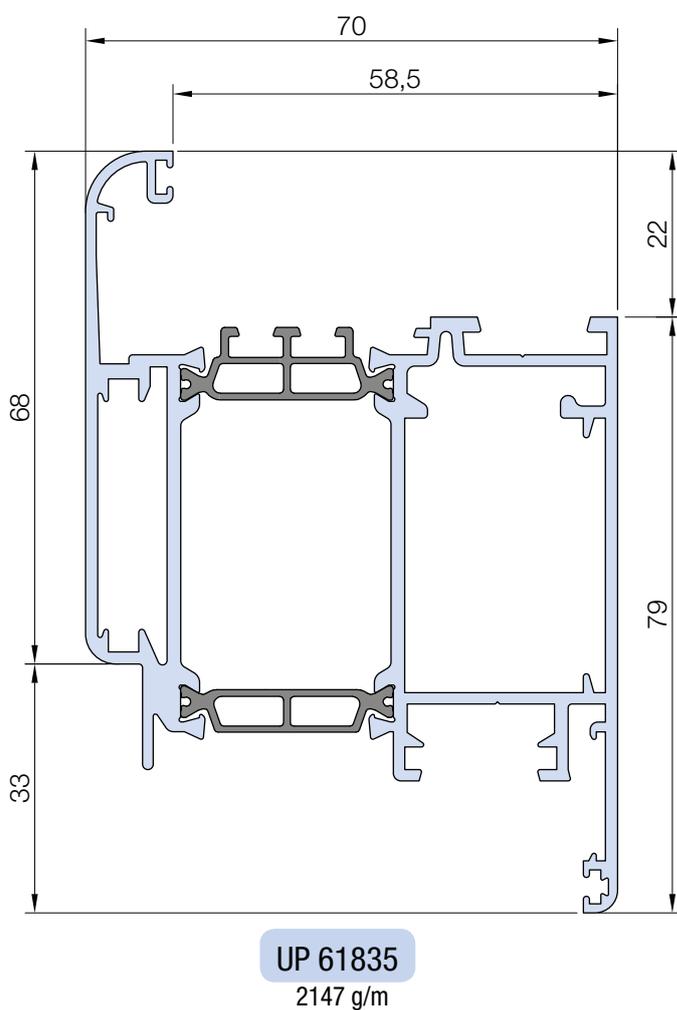
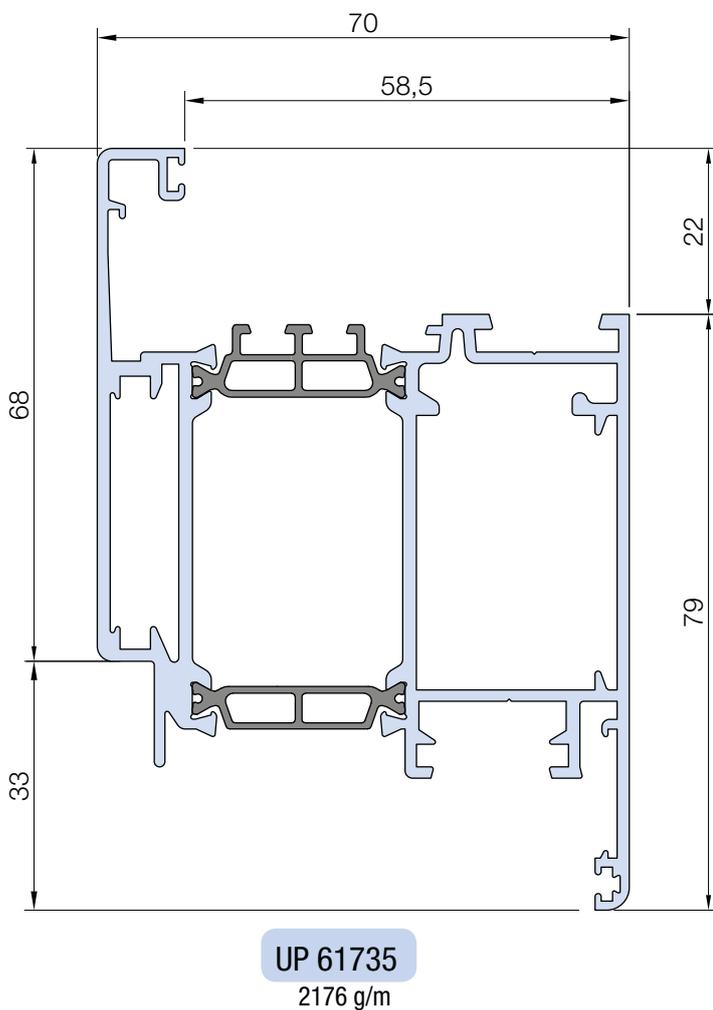
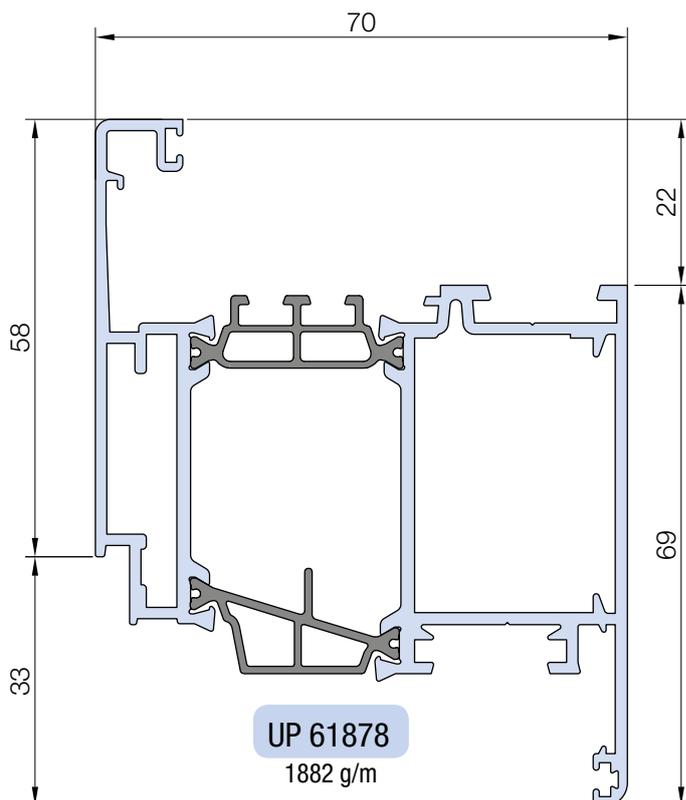
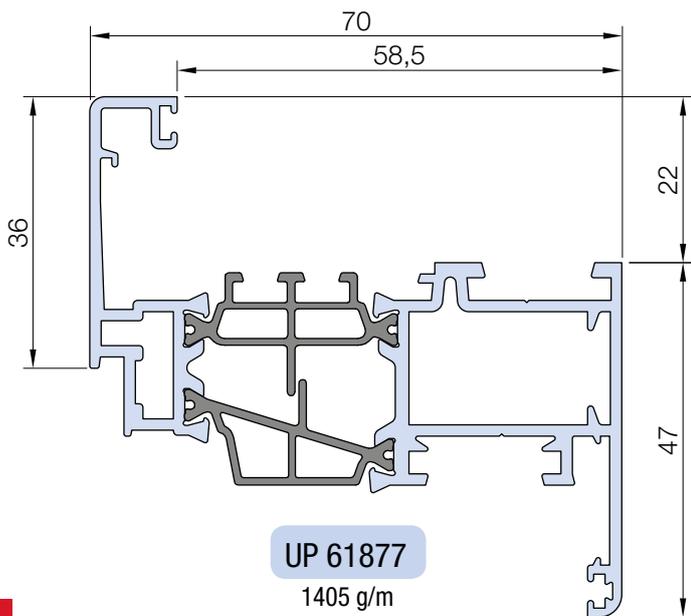
UP 61844

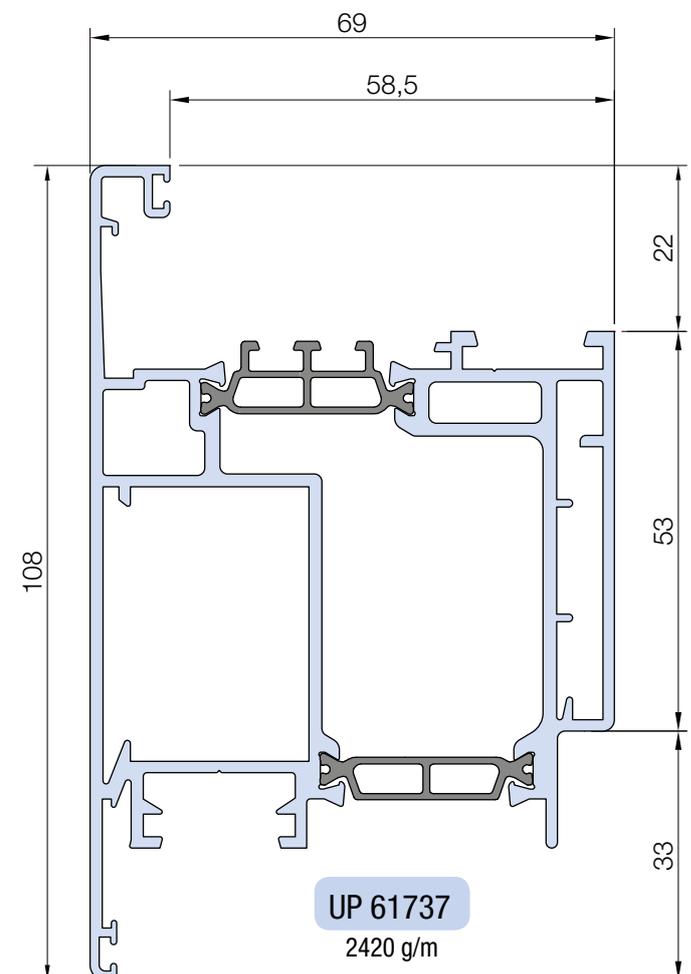
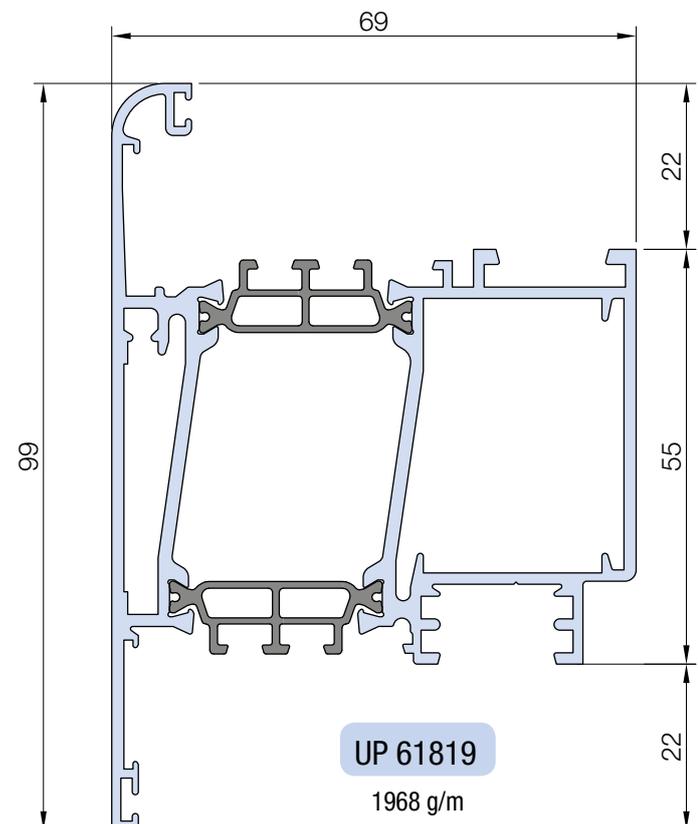
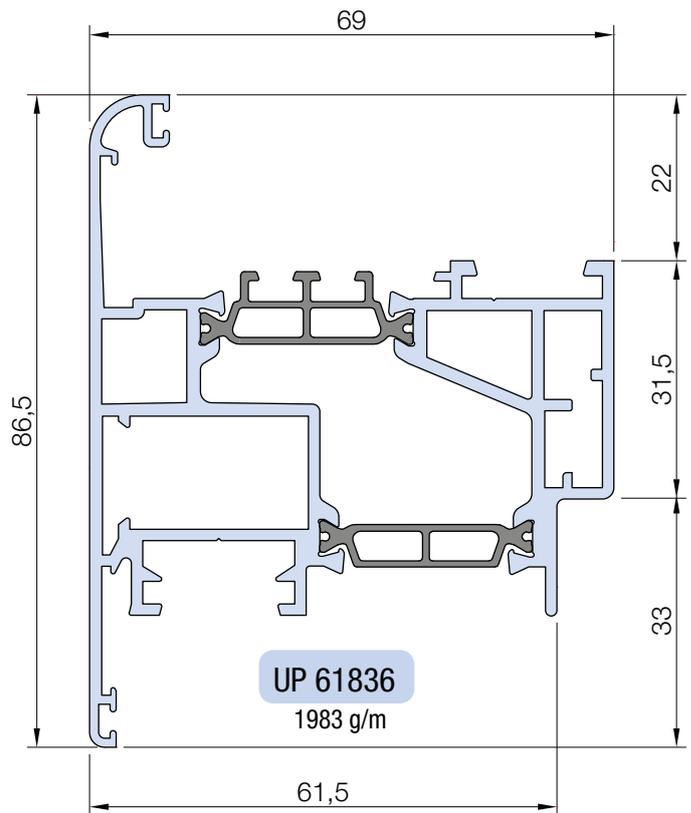
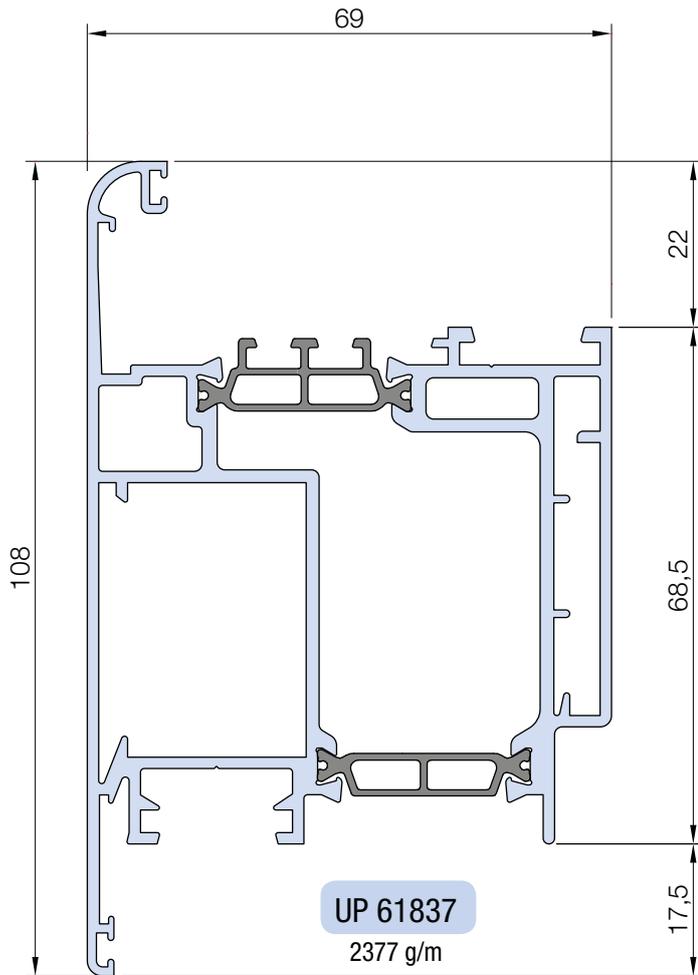
2321 g/m



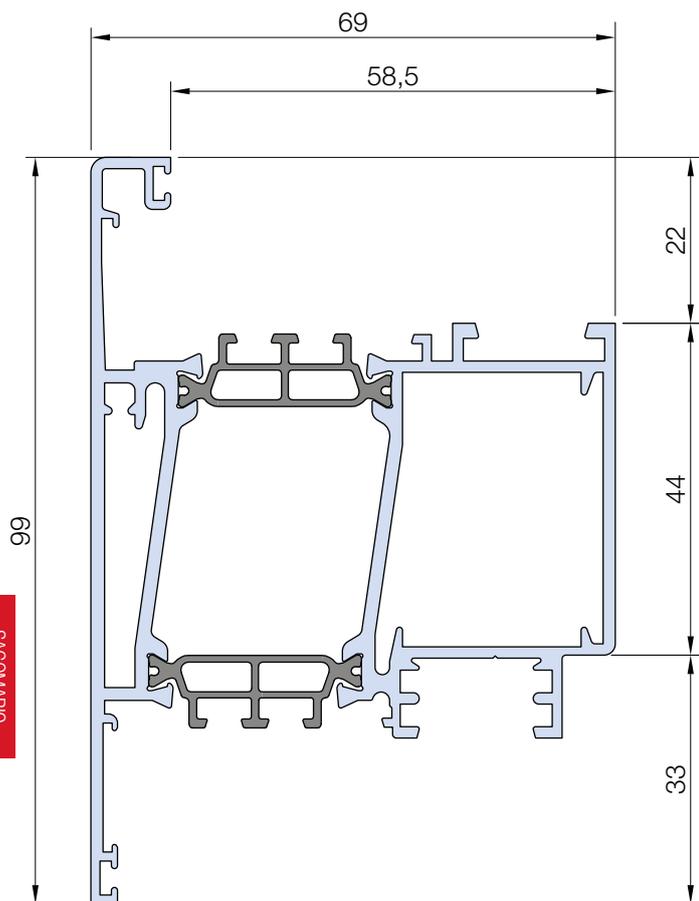
SAGOMARIO
Profile representation

* Utilizzare sempre guarnizione vetro esterna AGP 4014

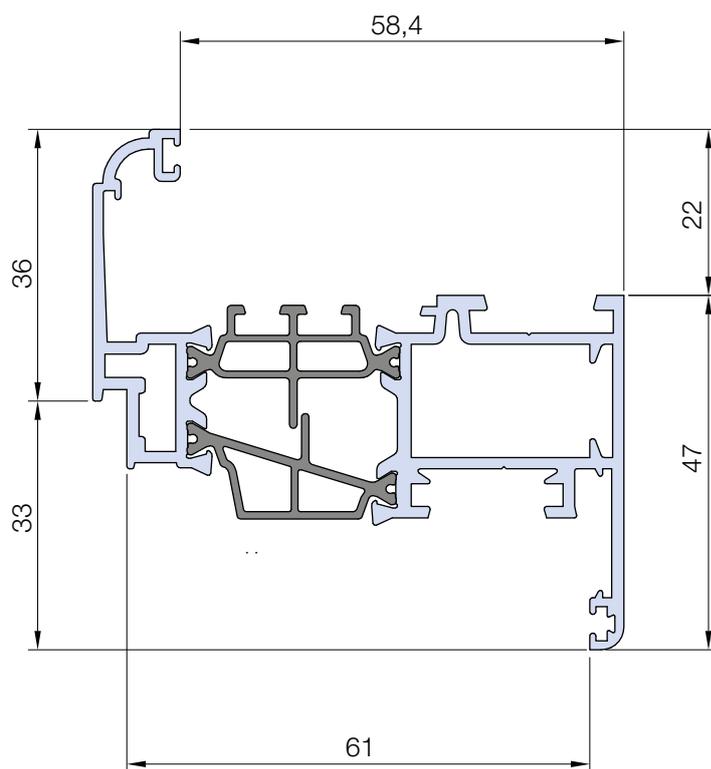




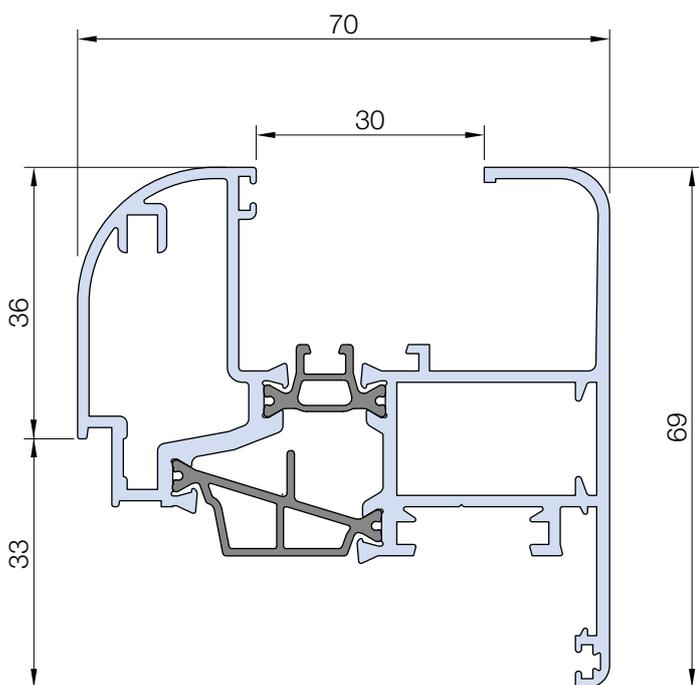
SAGOMARIO
Profile representation



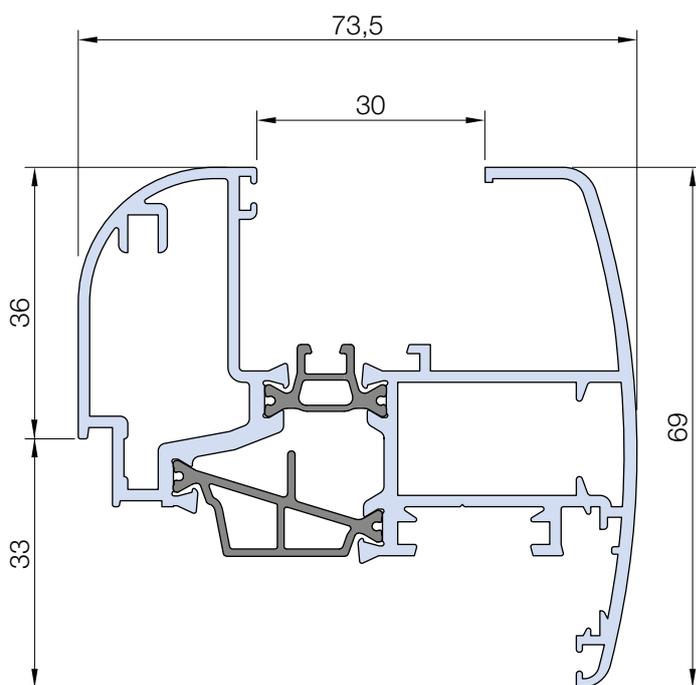
UP 61896
2002 g/m



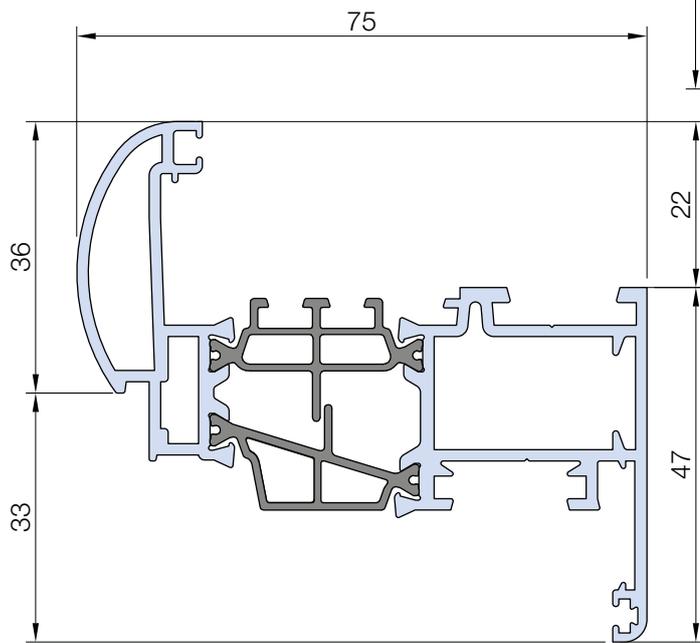
UP 61891
1391 g/m



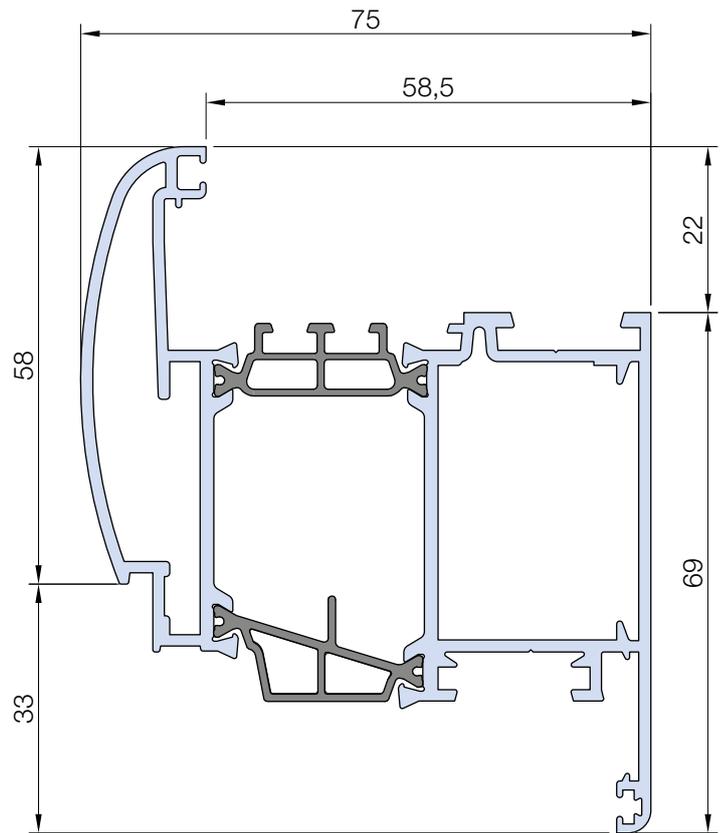
UP 61651
1706 g/m



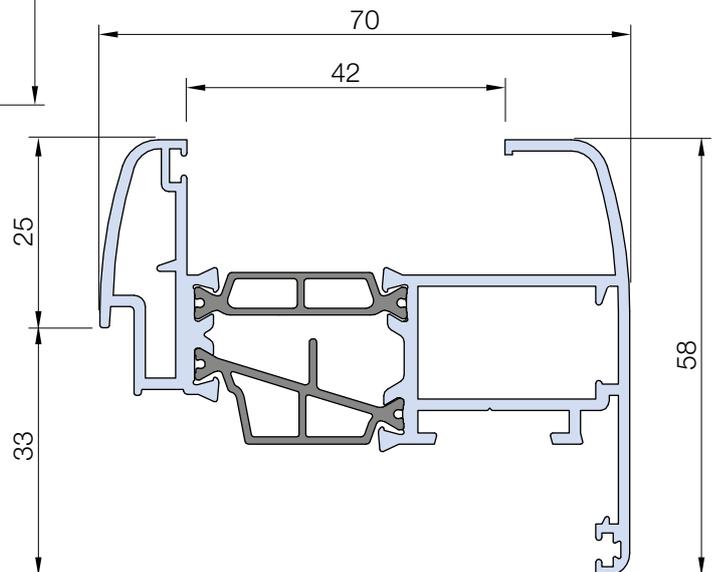
UP 61751
1746 g/m



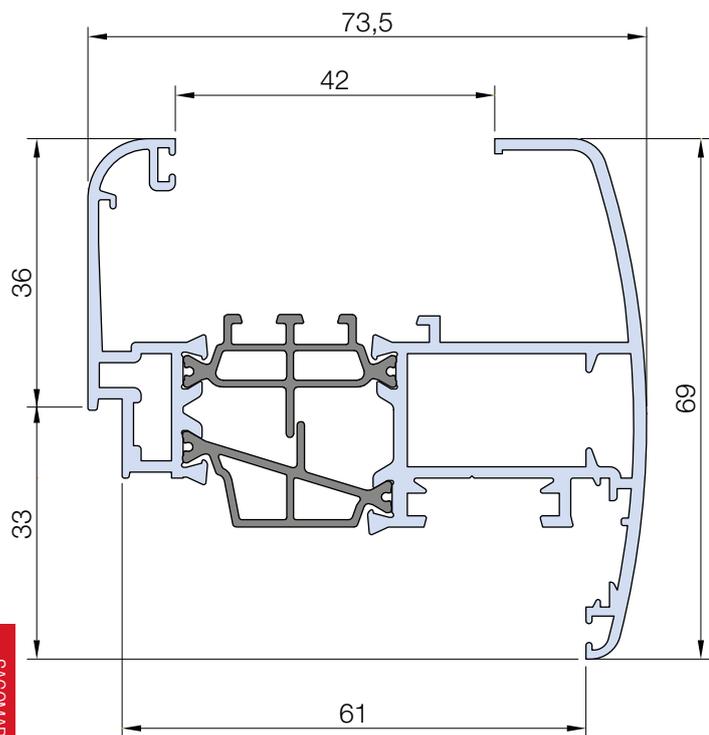
UP 61875
1504 g/m



UP 61850
1968 g/m

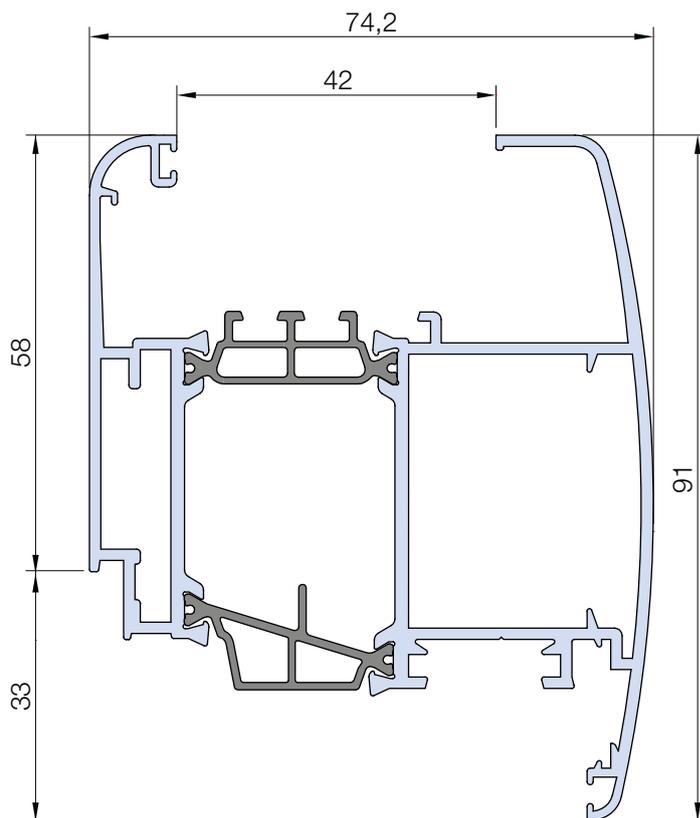


UP 61857
1381 g/m



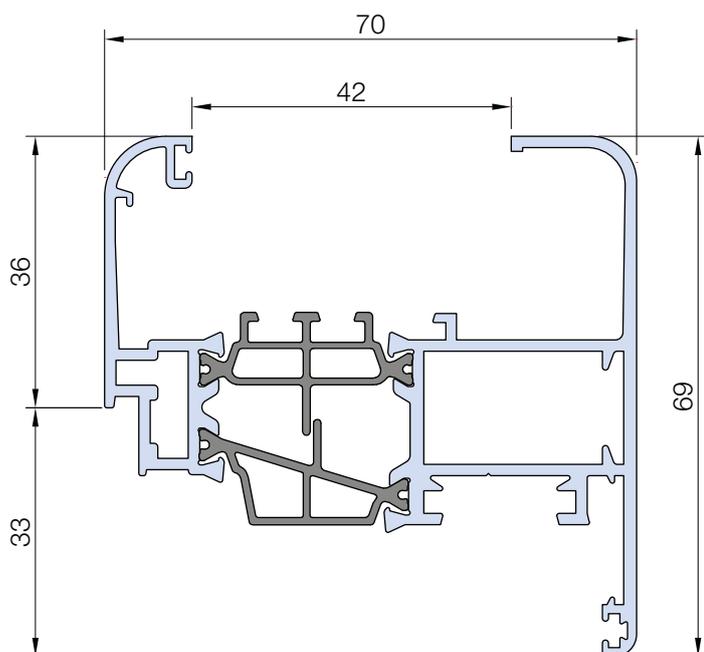
UP 62851

1577 g/m



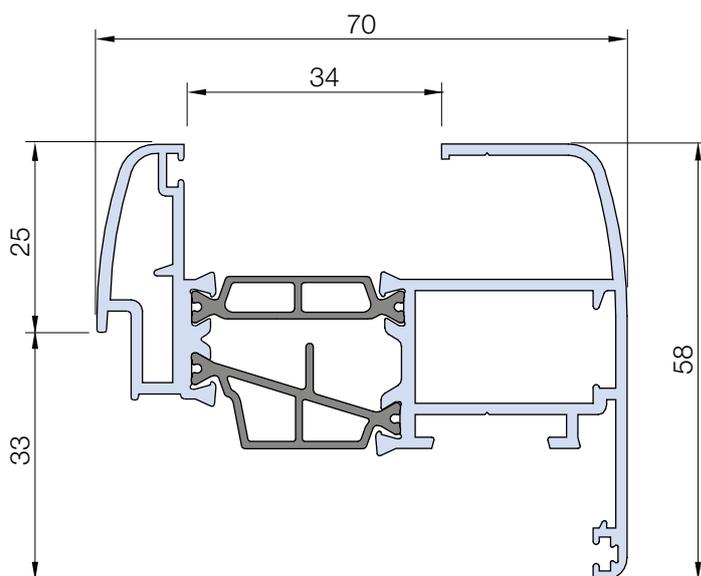
UP 61856

1982 g/m



UP 61851

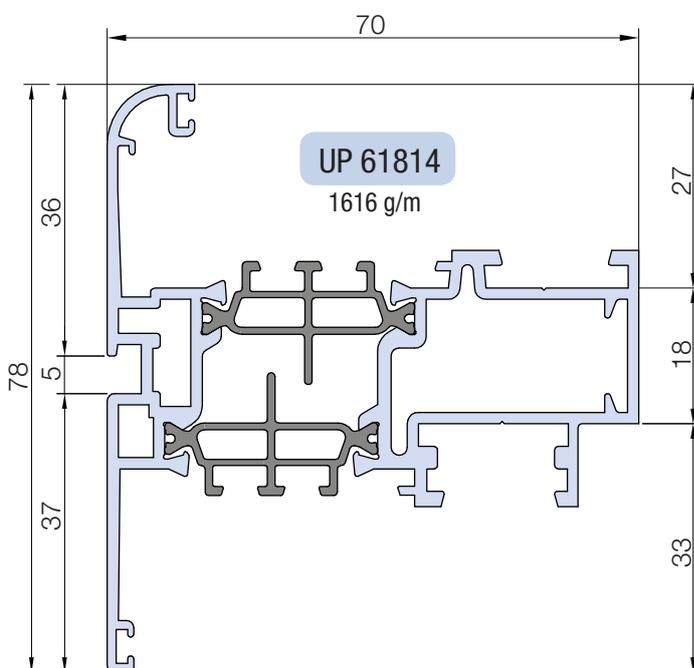
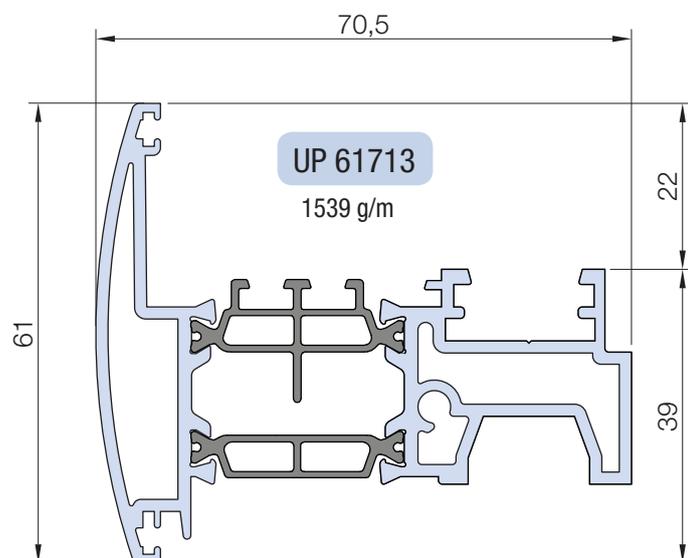
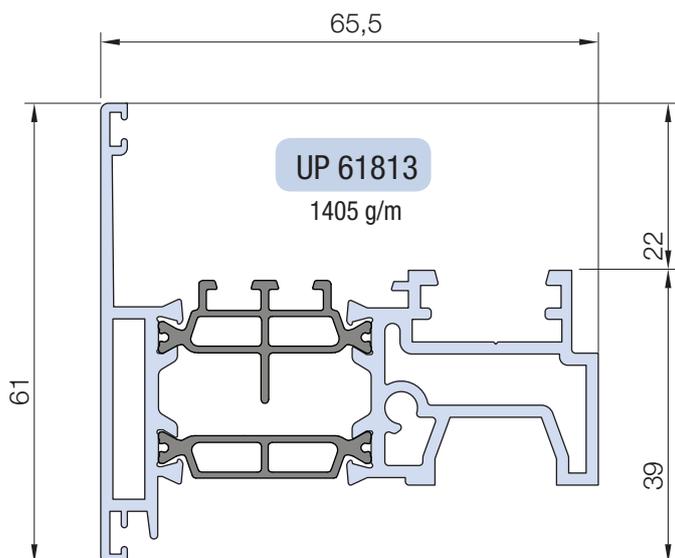
1540 g/m



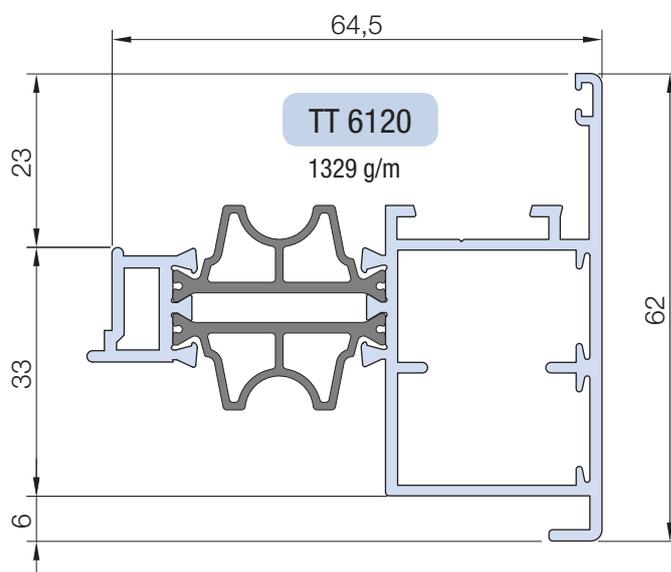
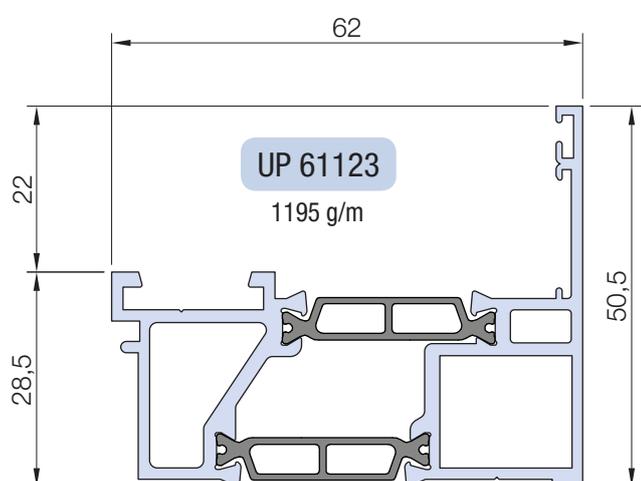
UP 61860

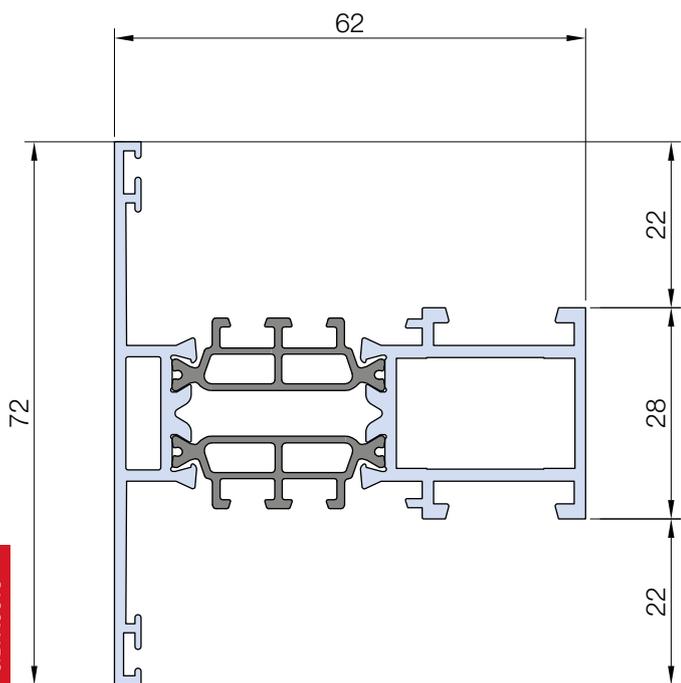
1383 g/m

SAGOMARIO
Profile representation

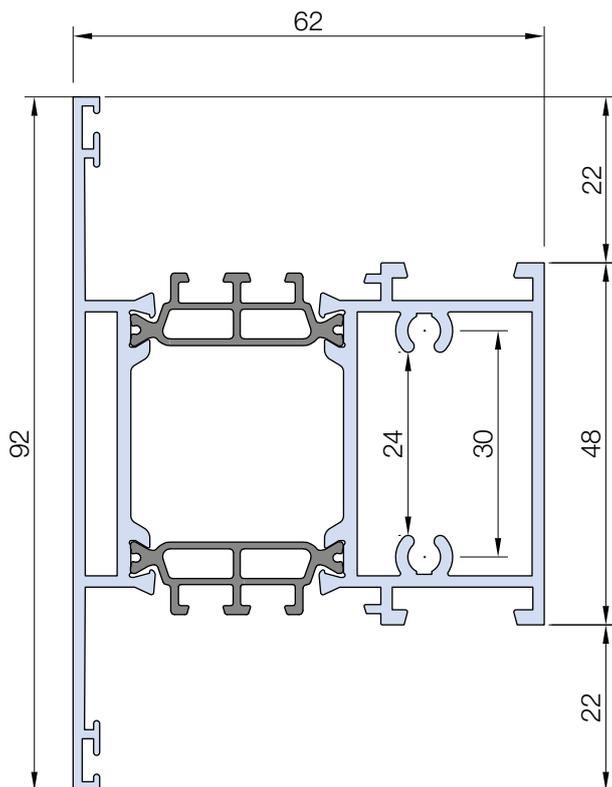


SAGOMARIO
Profile representation

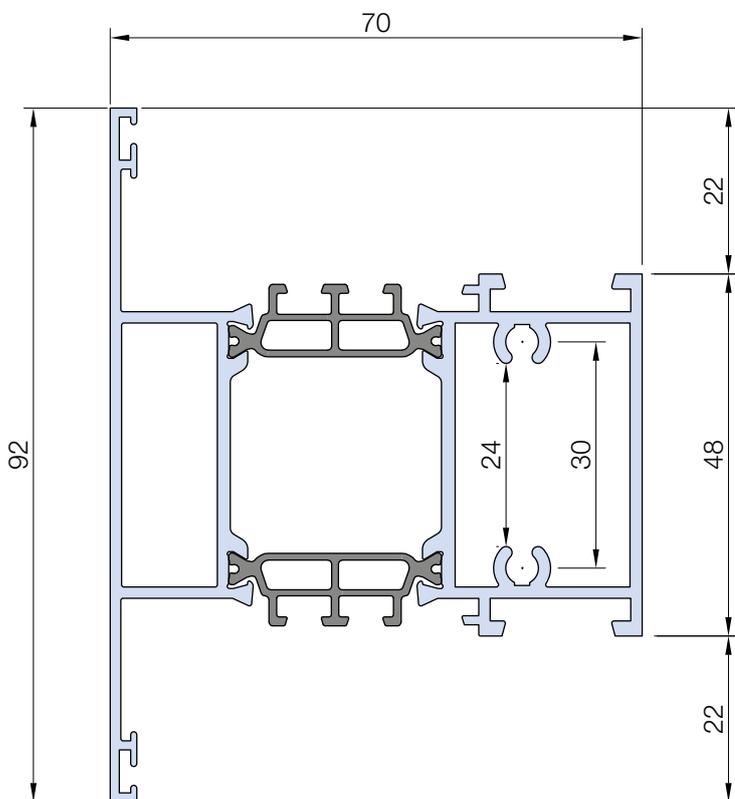




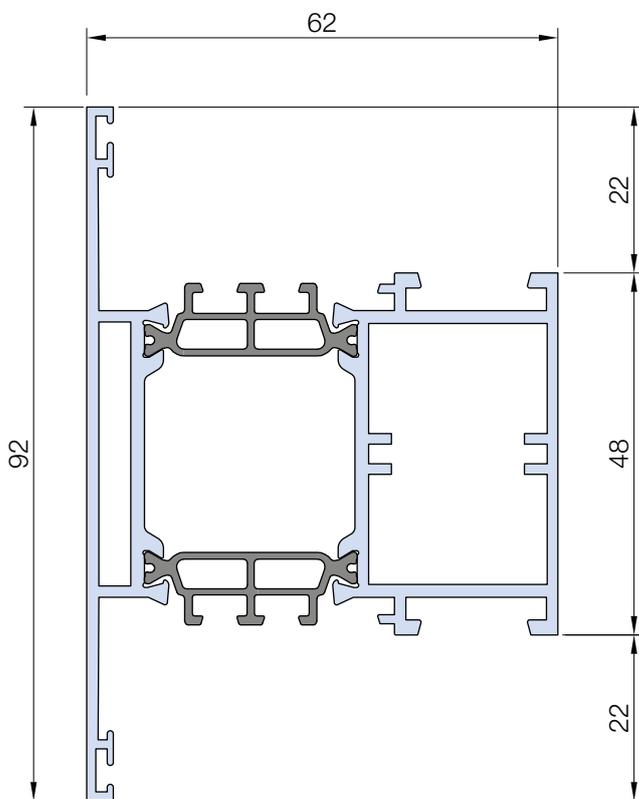
UP 61828
1239 g/m



UP 61738
1731 g/m

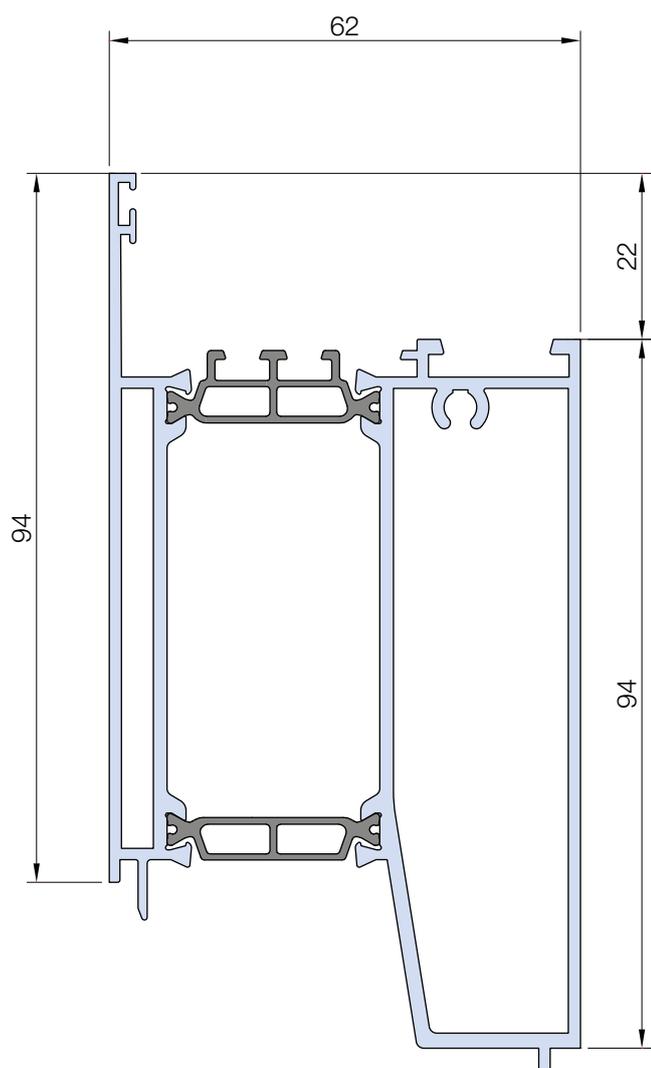


UP 61839
1796 g/m



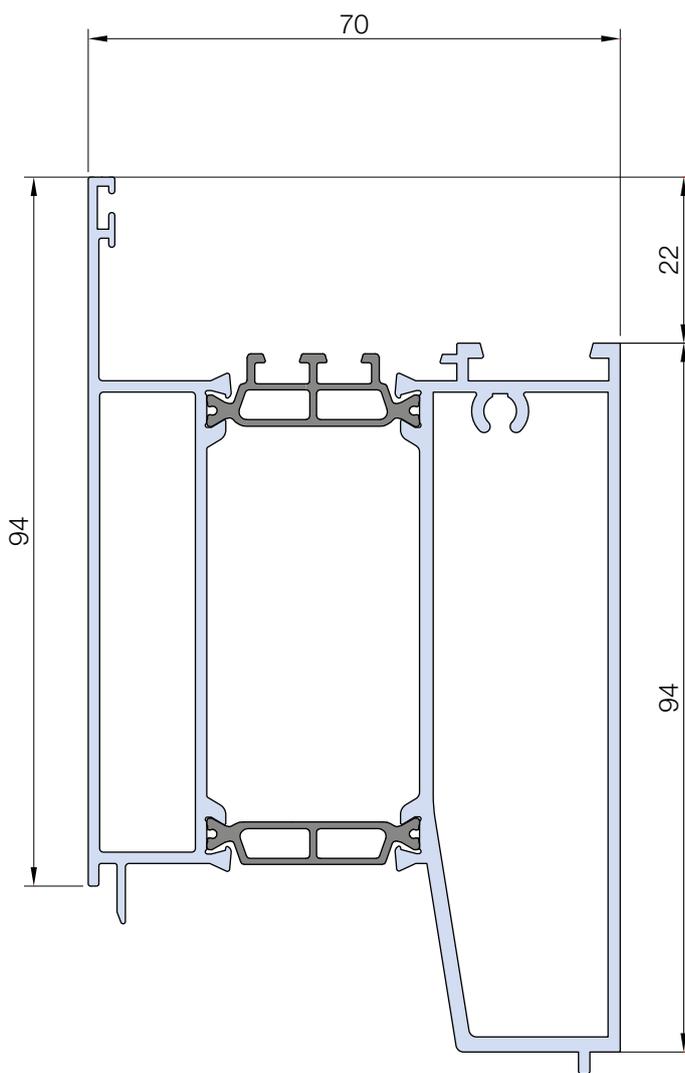
UP 61838
1665 g/m

SAGOMARIO
Profile representation



UP 61847

2245 g/m

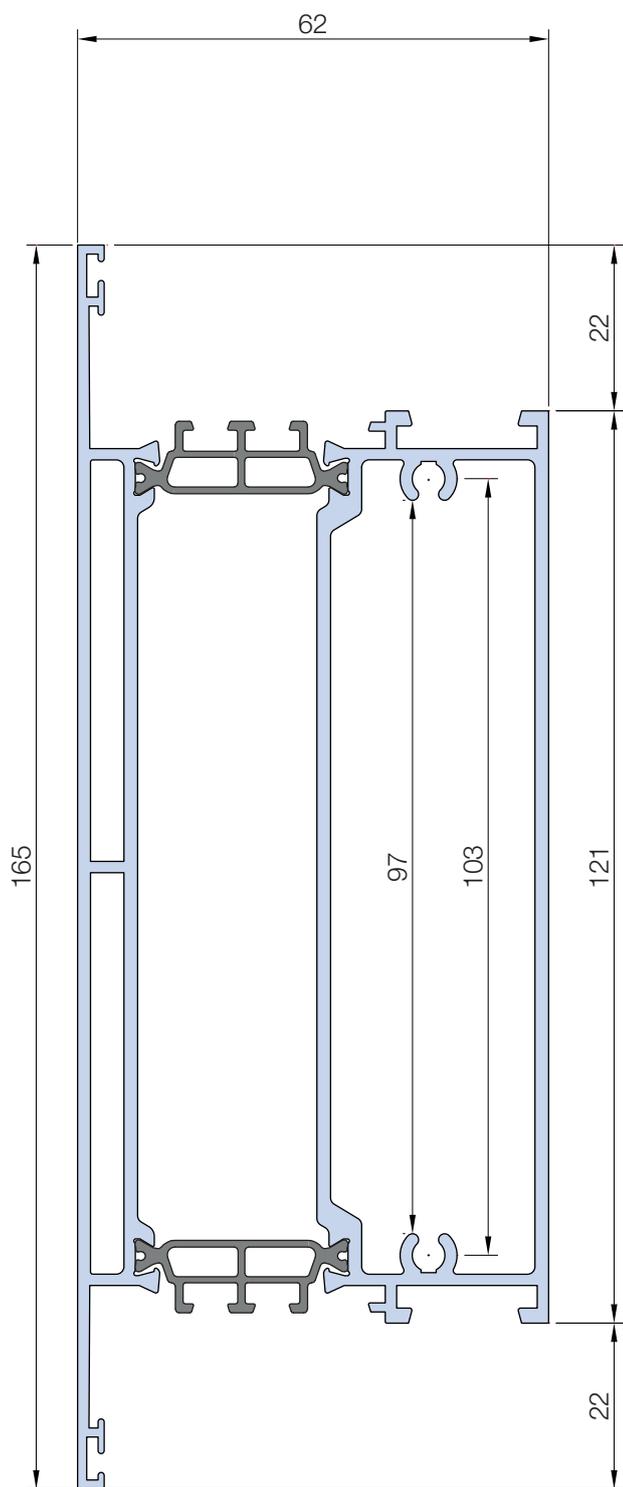


UP 61848

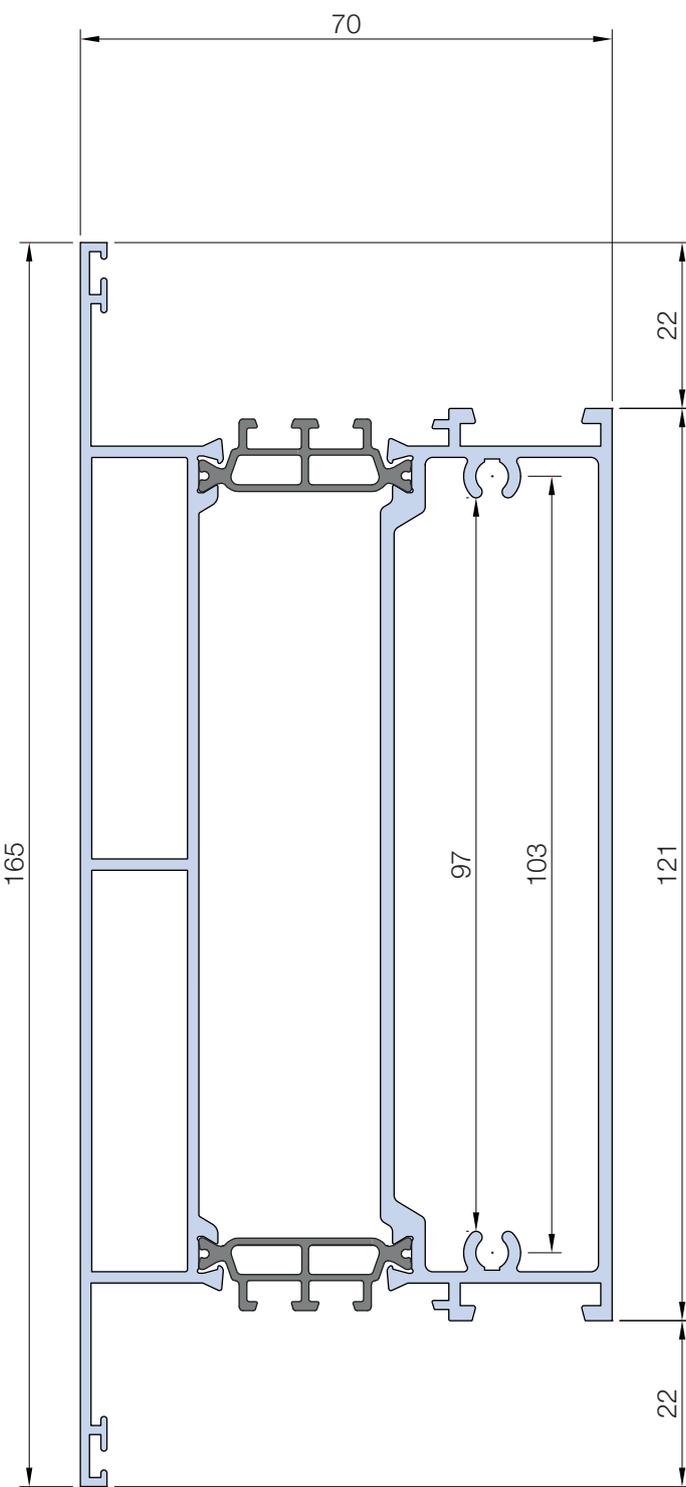
2310 g/m

SAGOMARIO
Profile representation

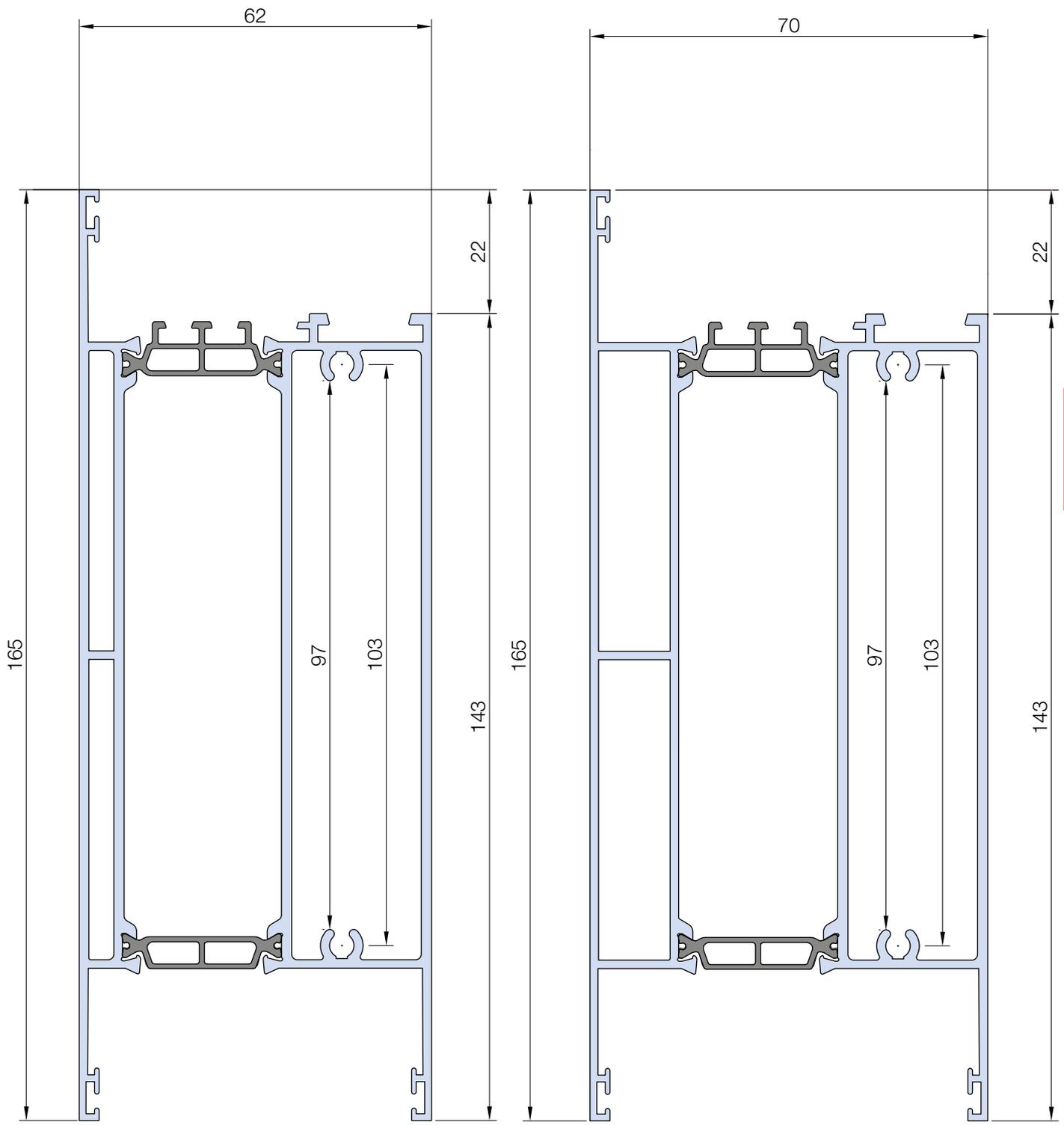
SAGOMARIO
Profile representation



UP 61840
3205 g/m



UP 61858
3302 g/m



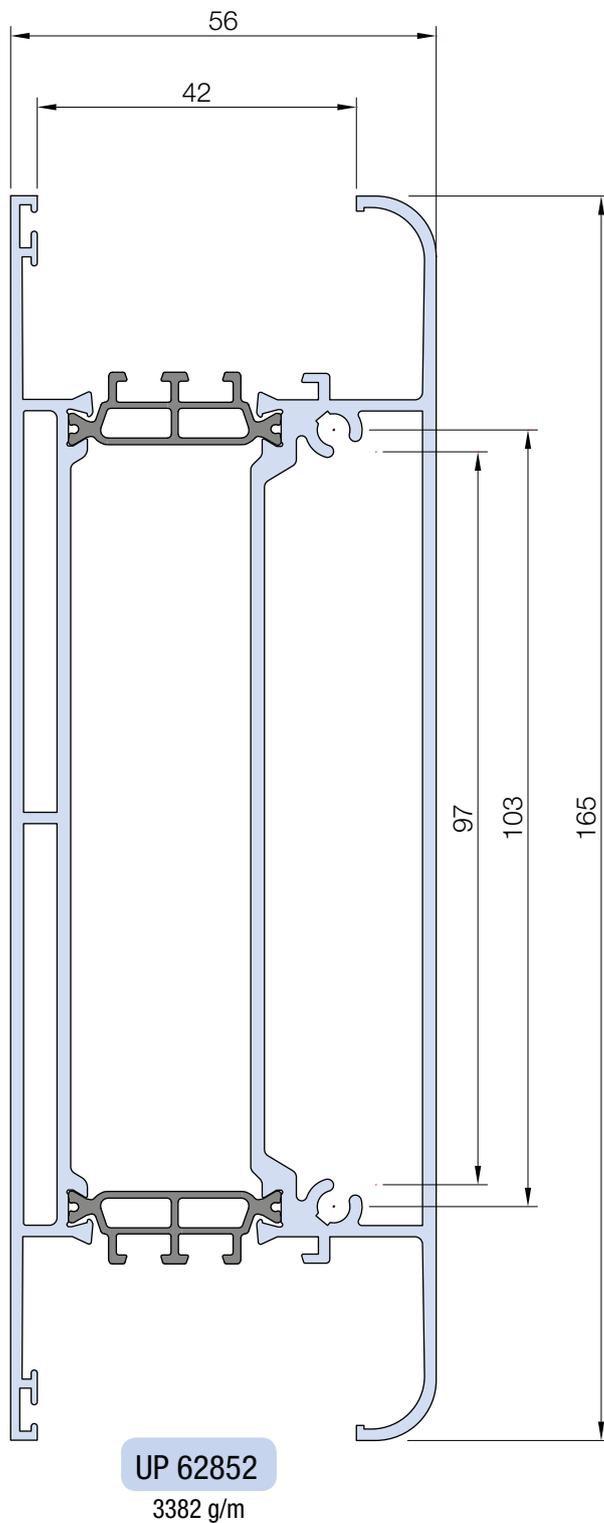
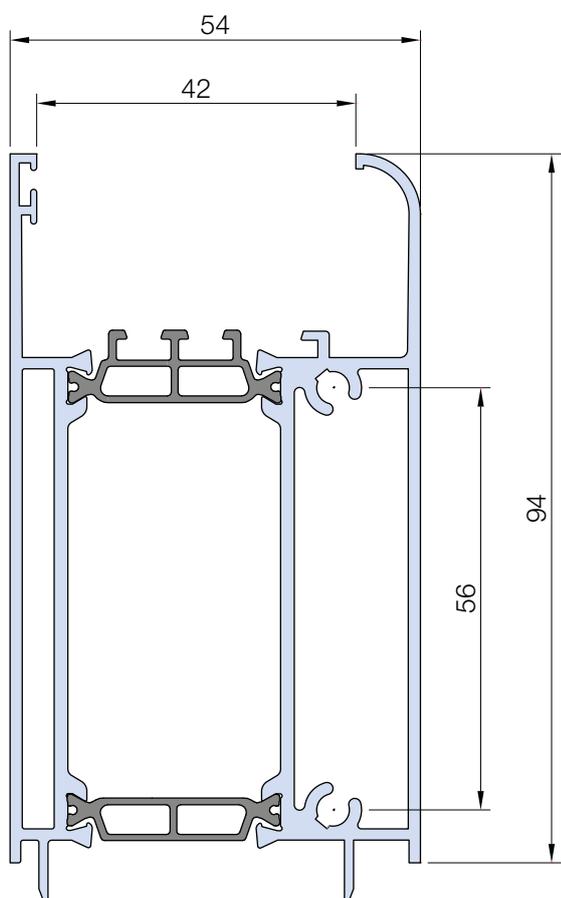
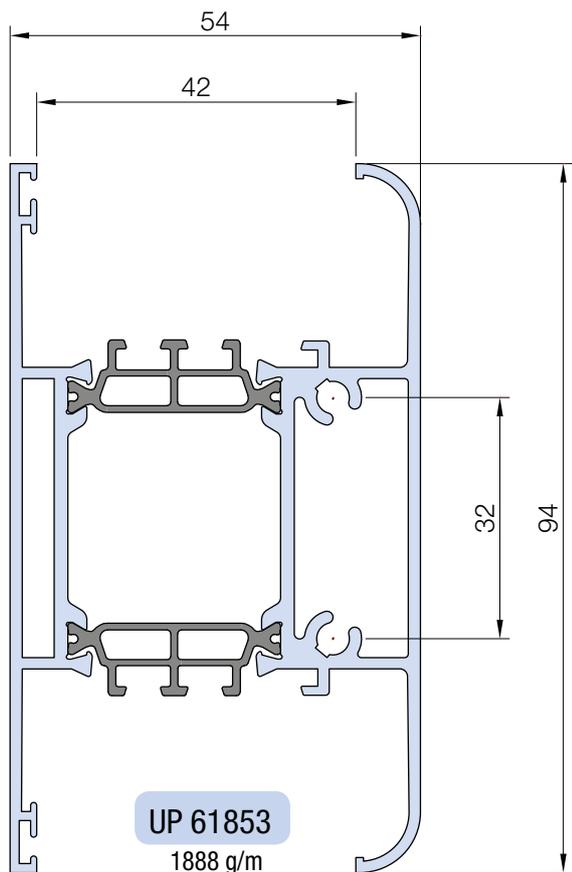
UP 61841

3206 g/m

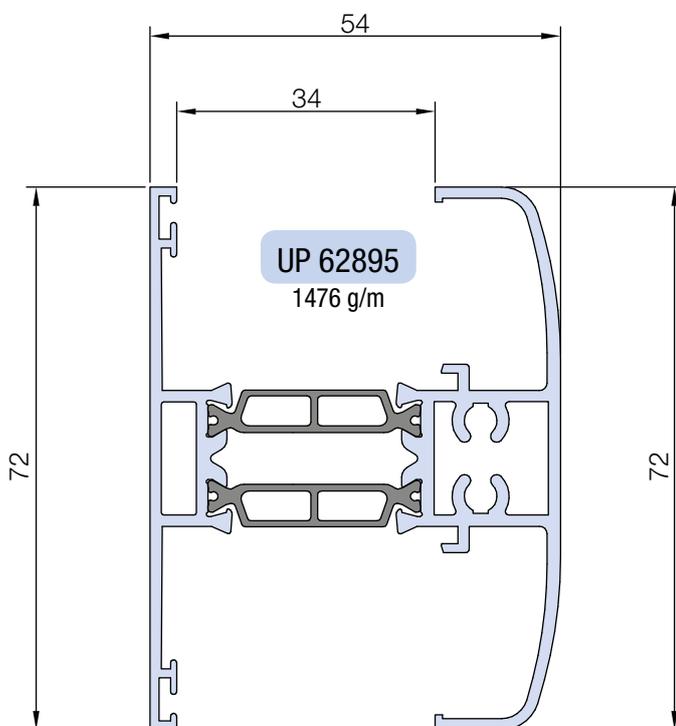
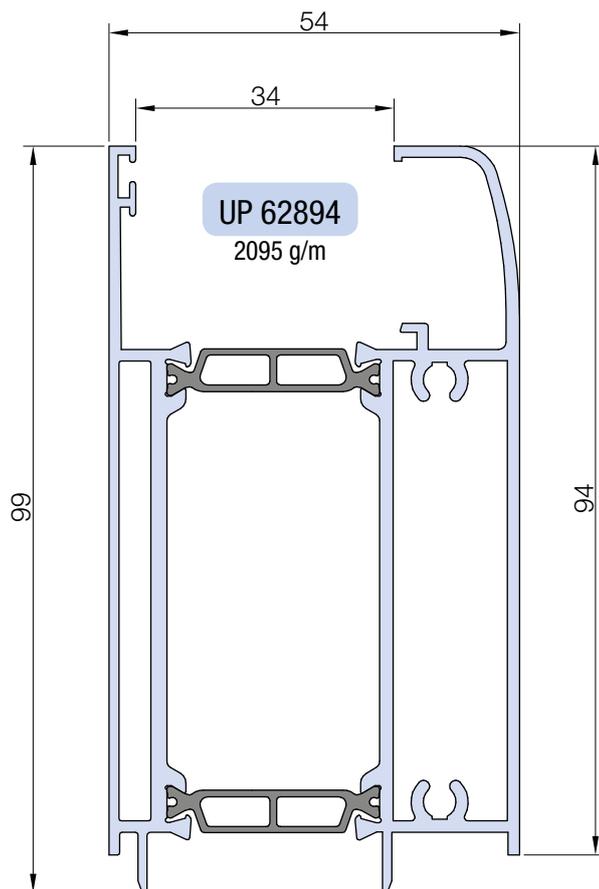
UP 61859

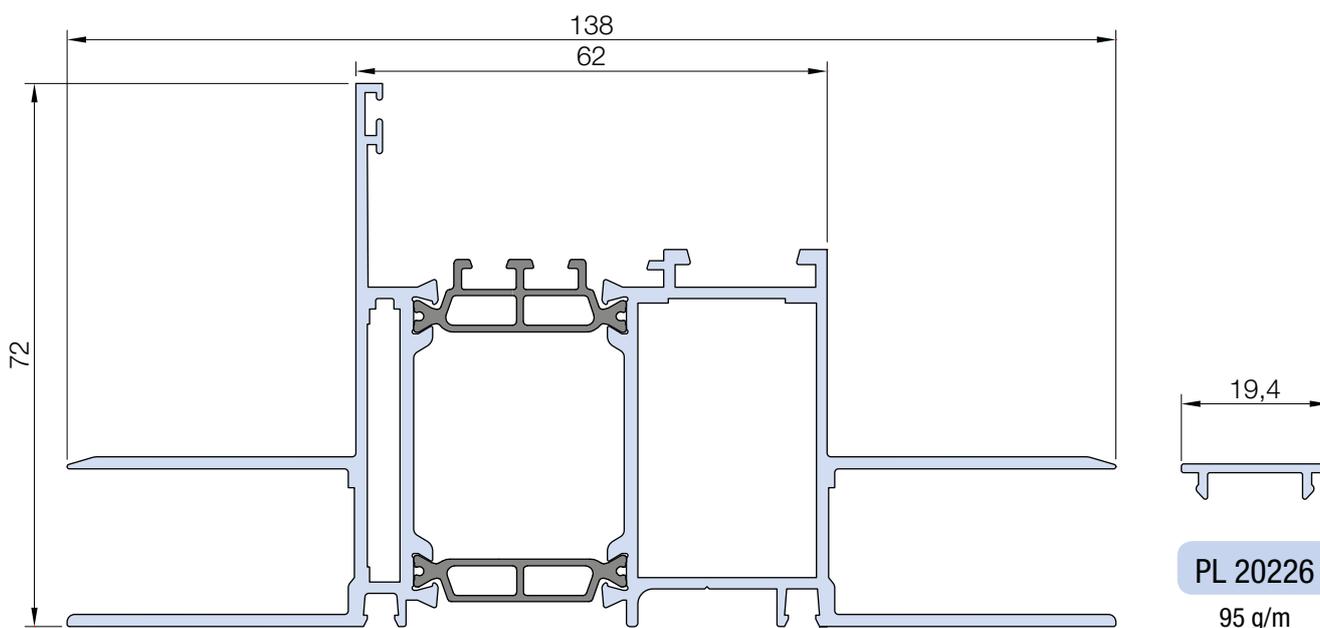
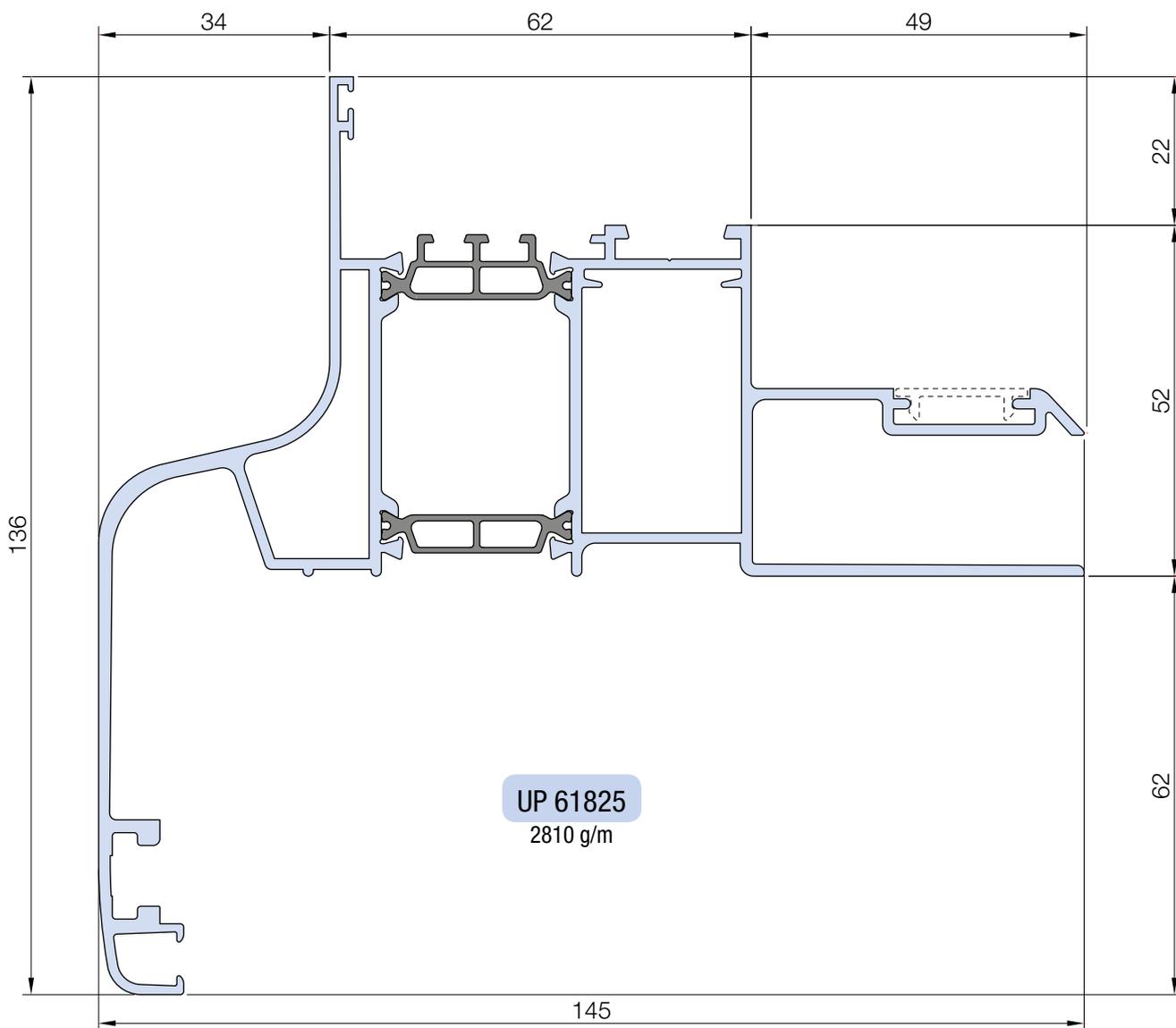
3303 g/m

SAGOMARIO
Profile representation

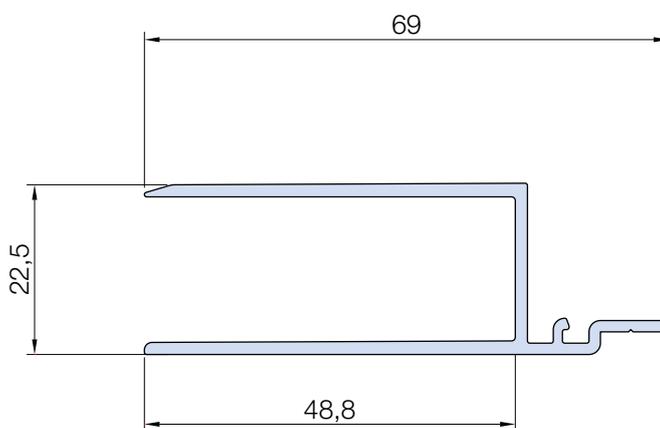
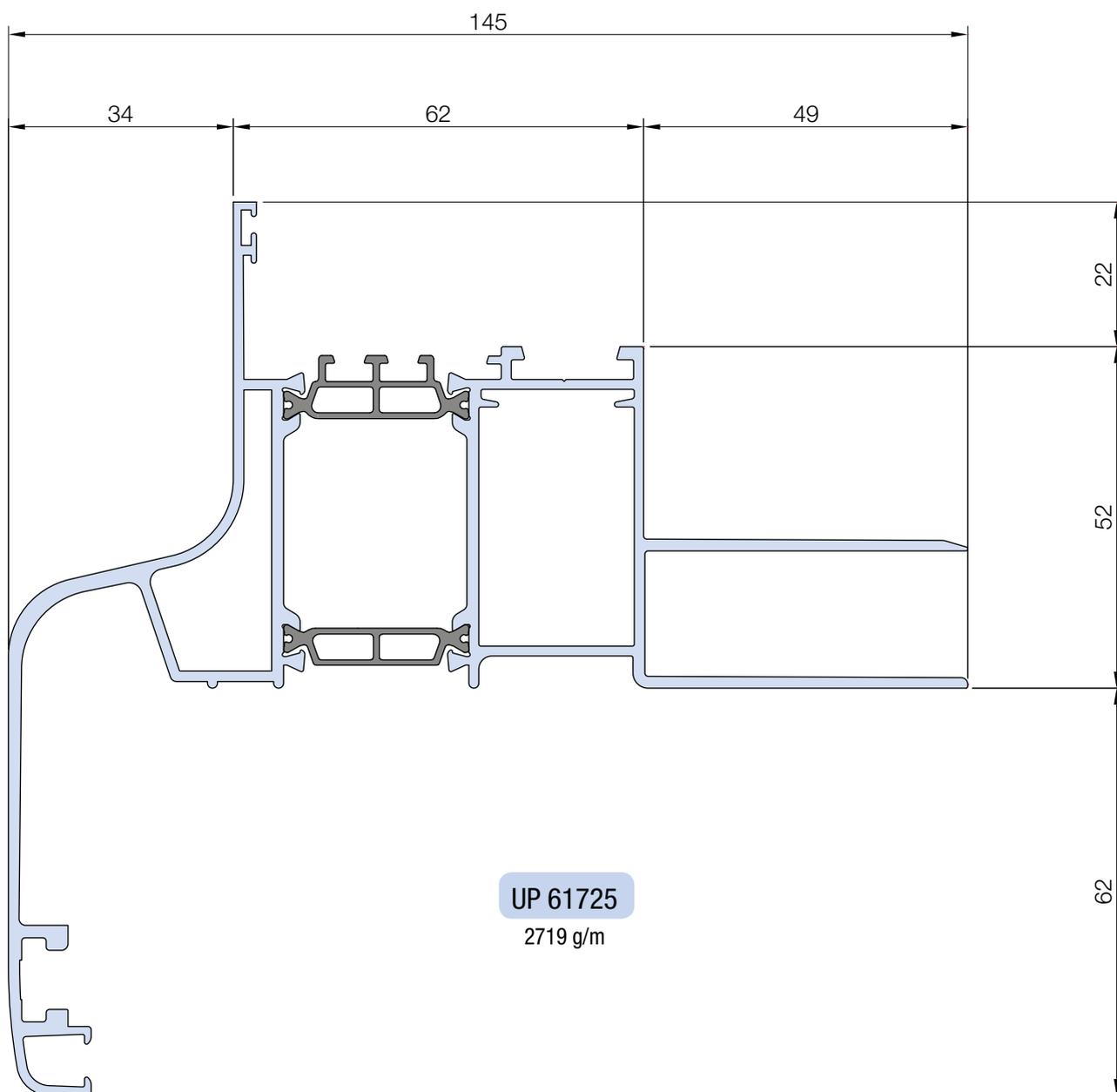


SAGOMARIO
Profile representation



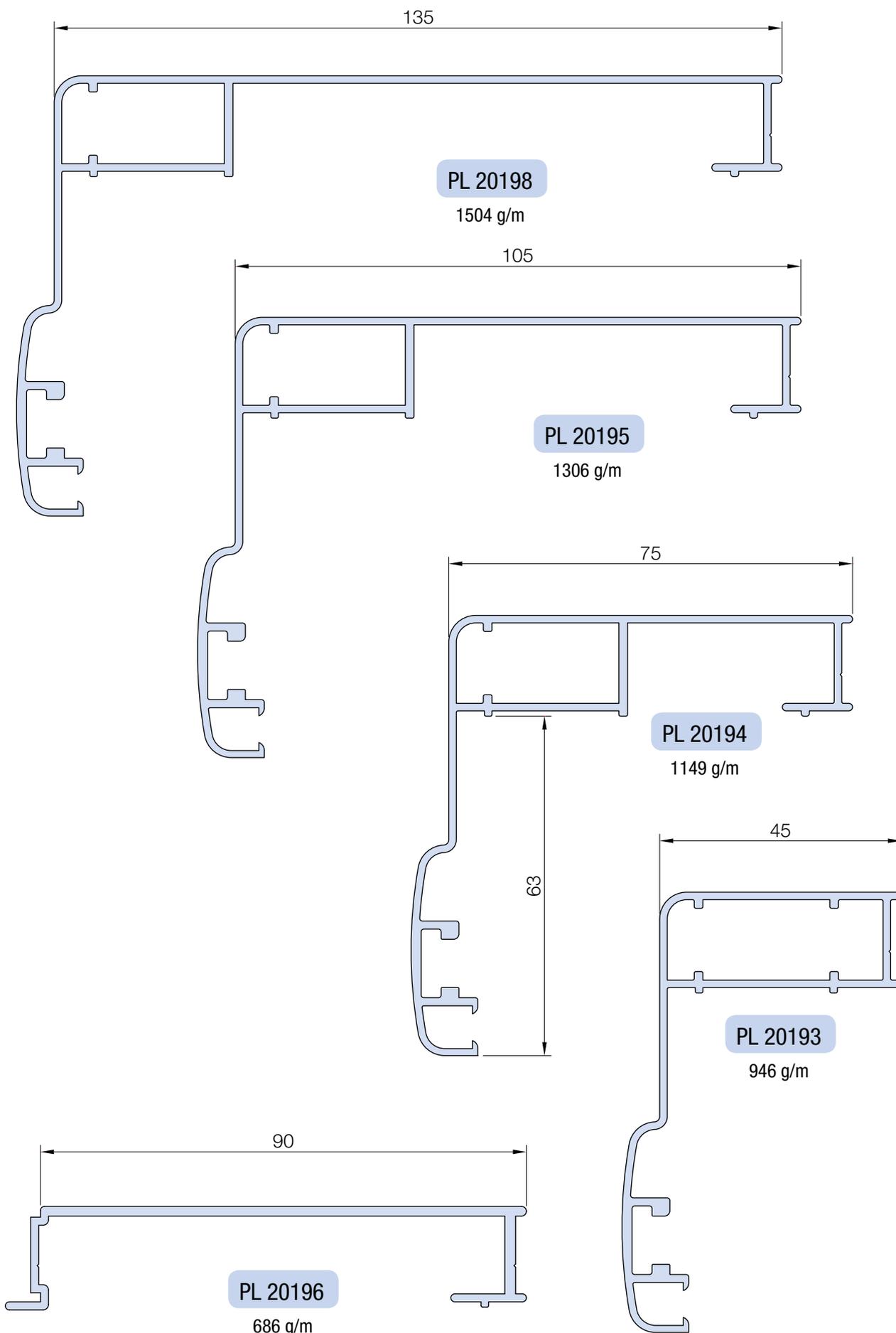


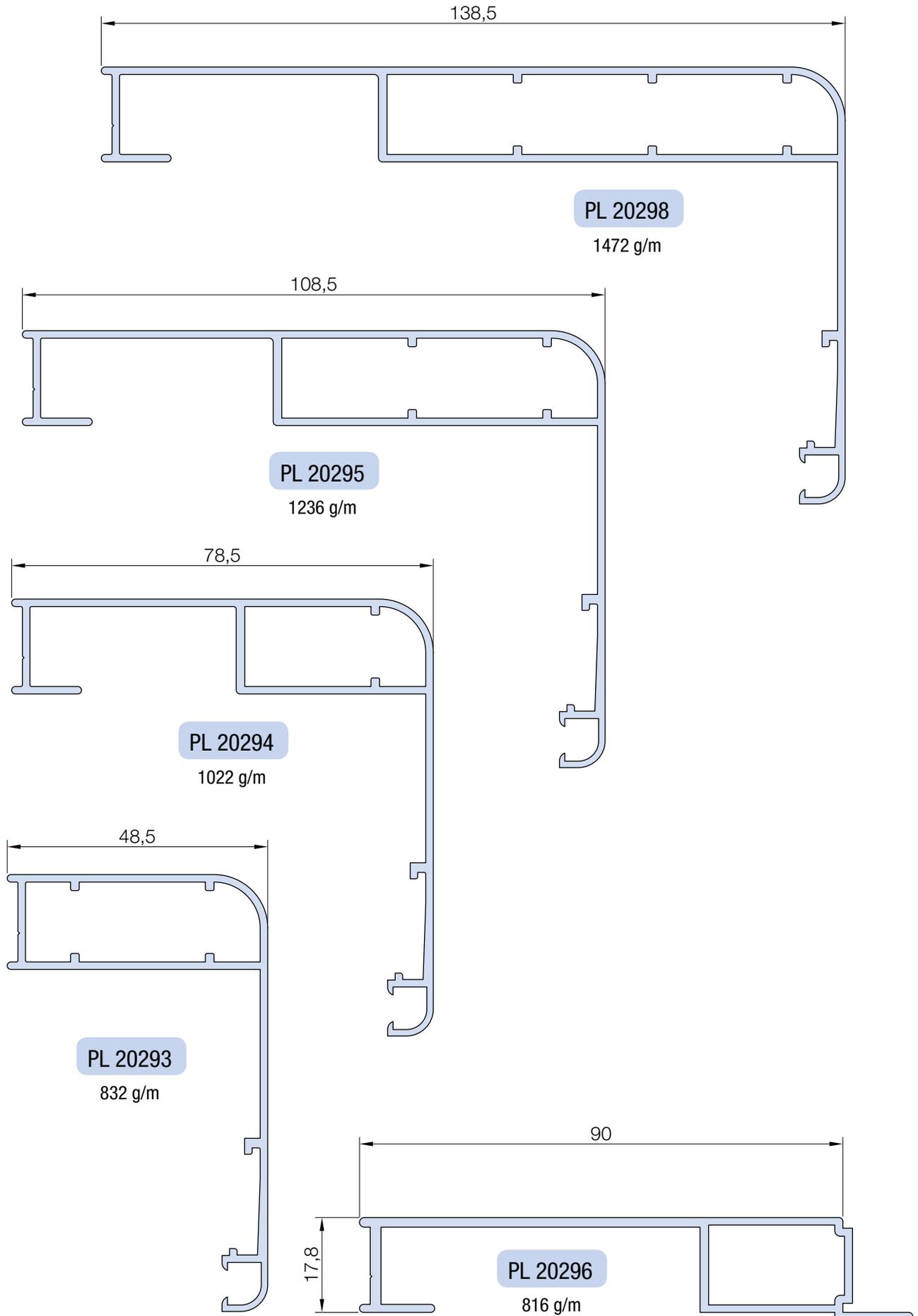
SAGOMARIO
Profile representation

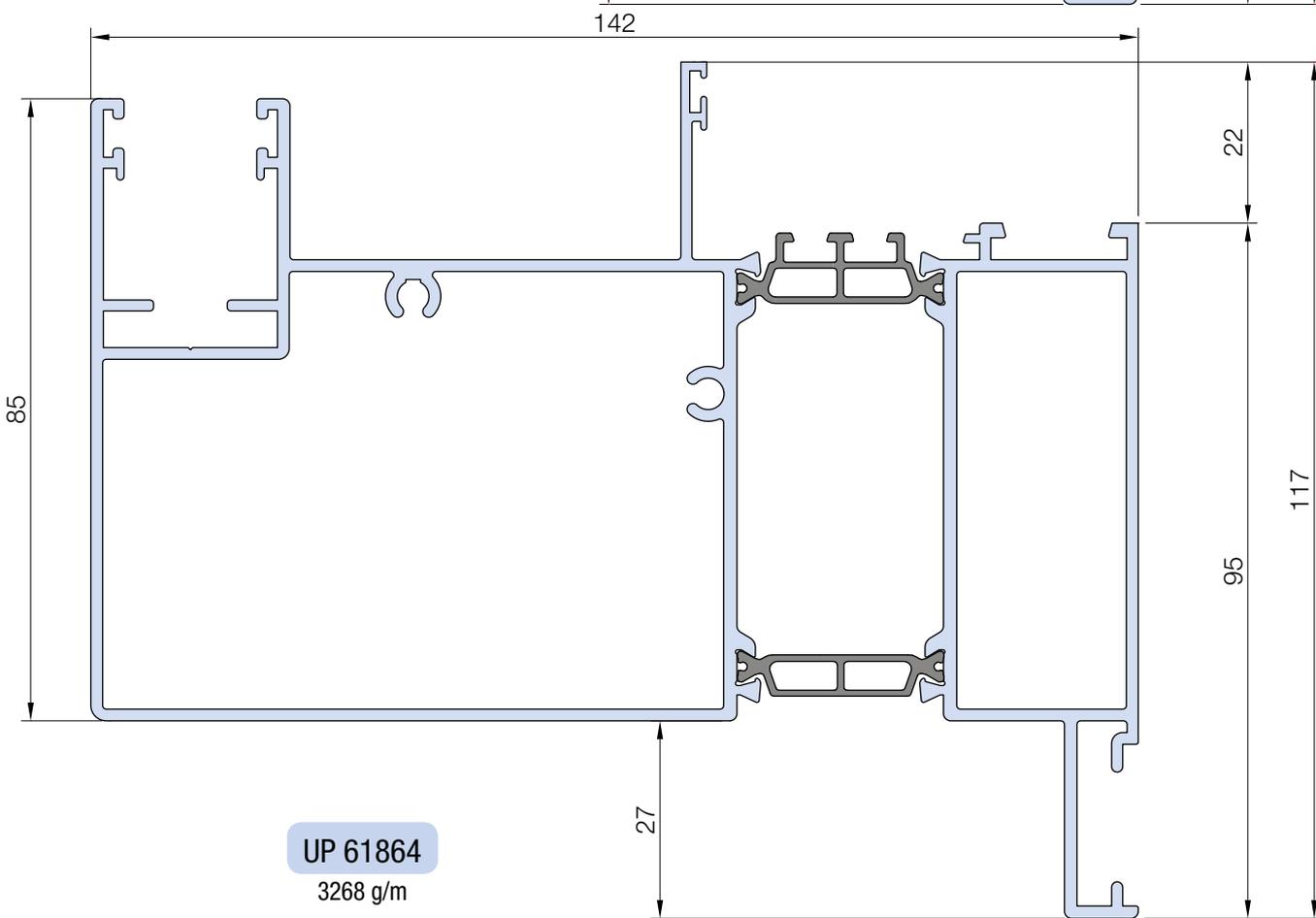
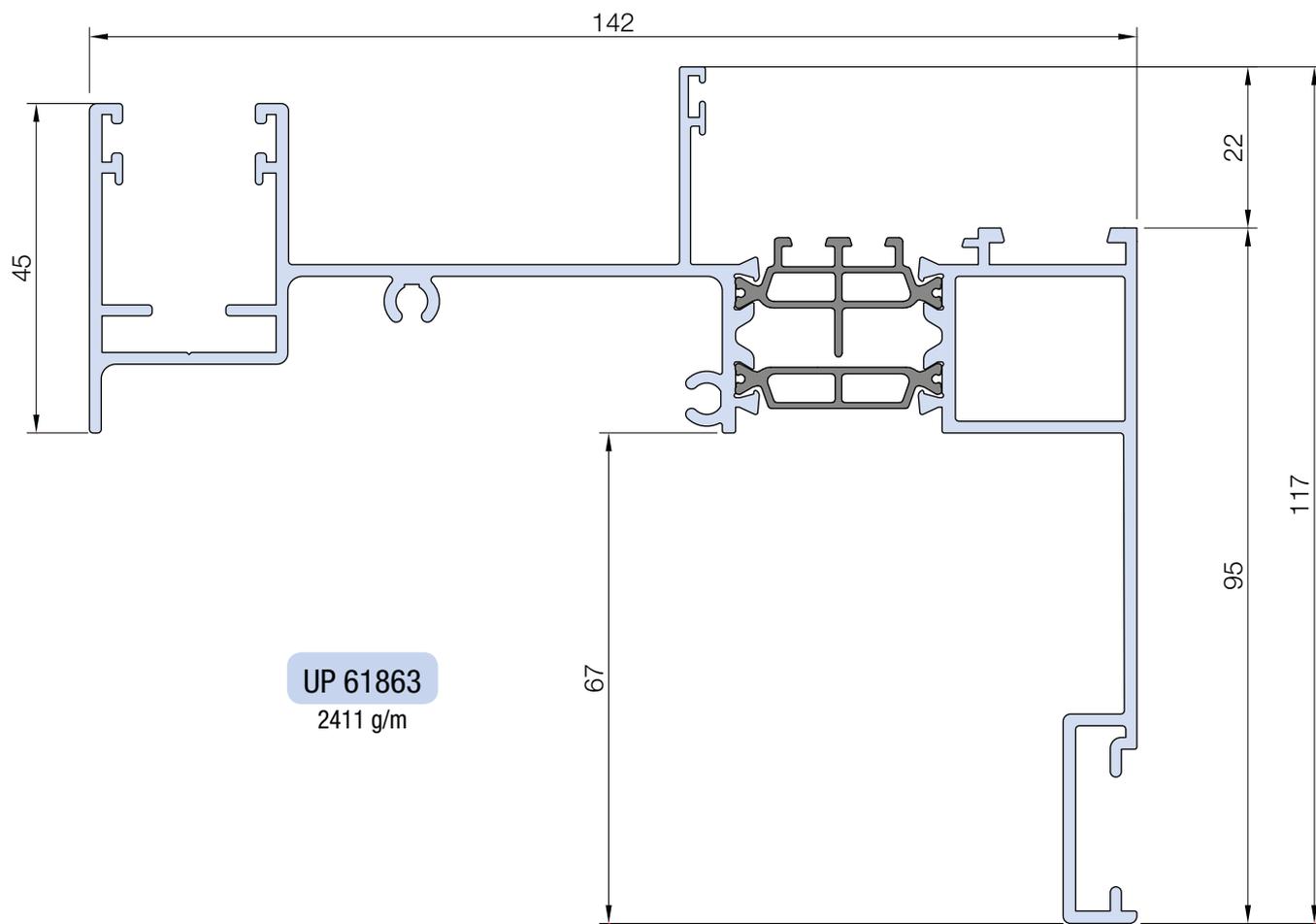


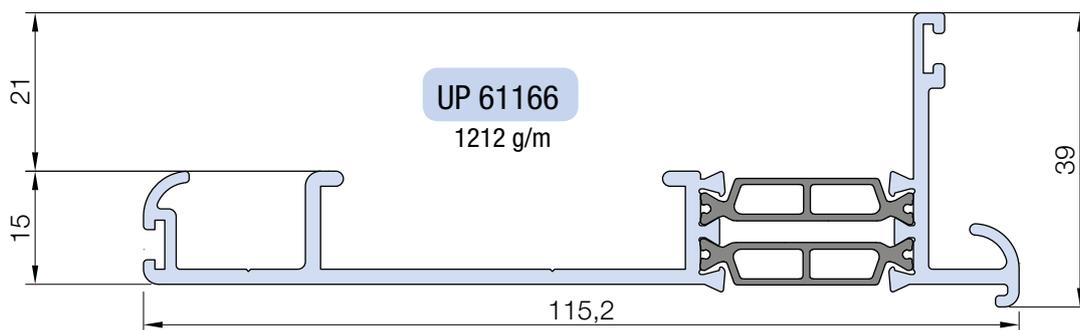
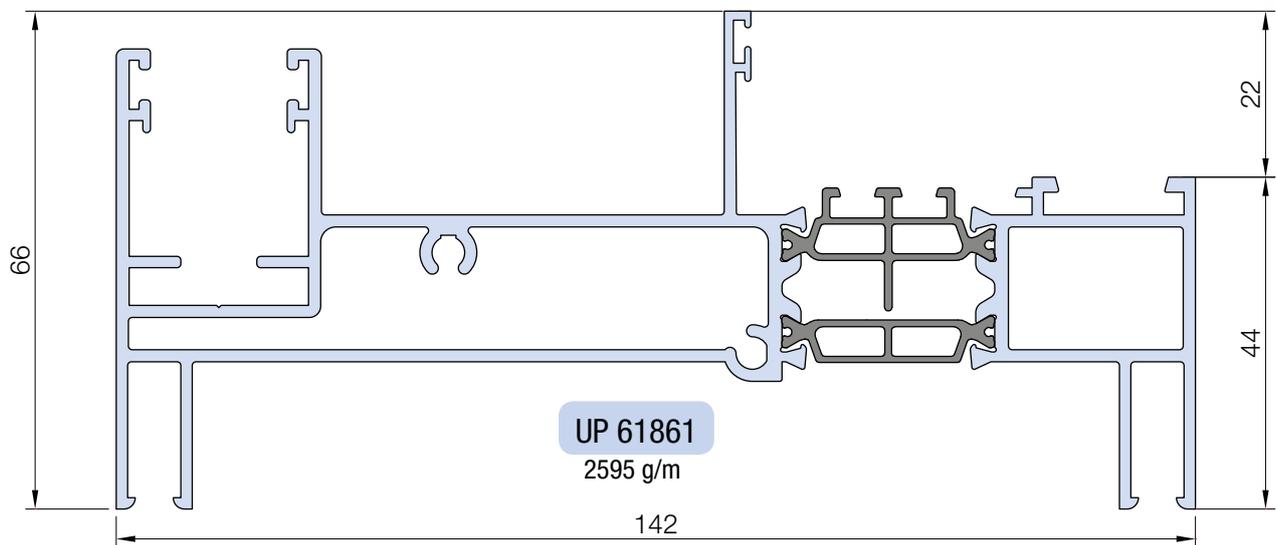
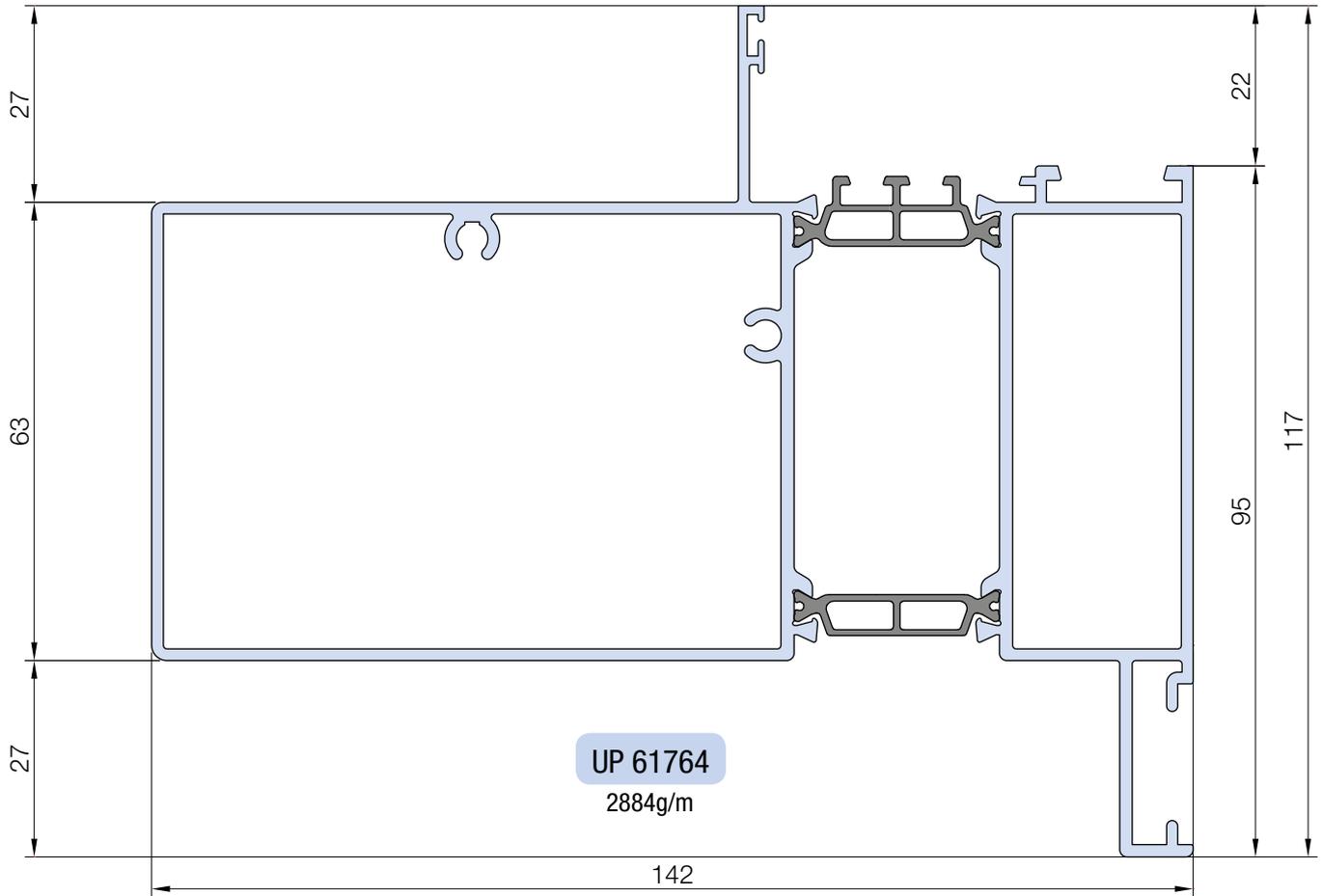
PL 20192

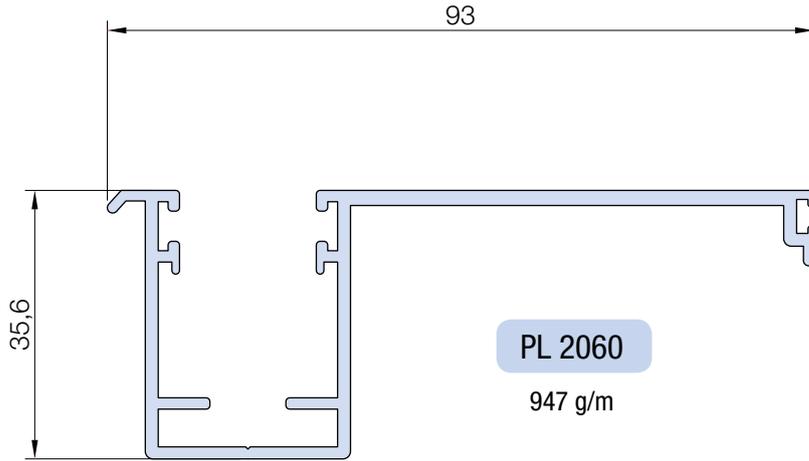
636 g/m





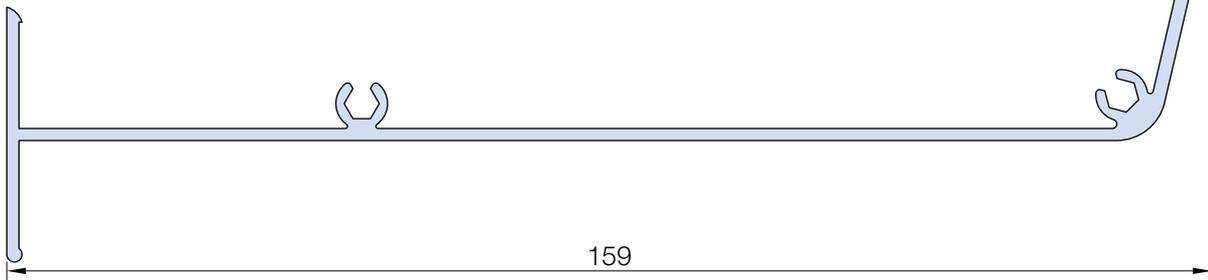






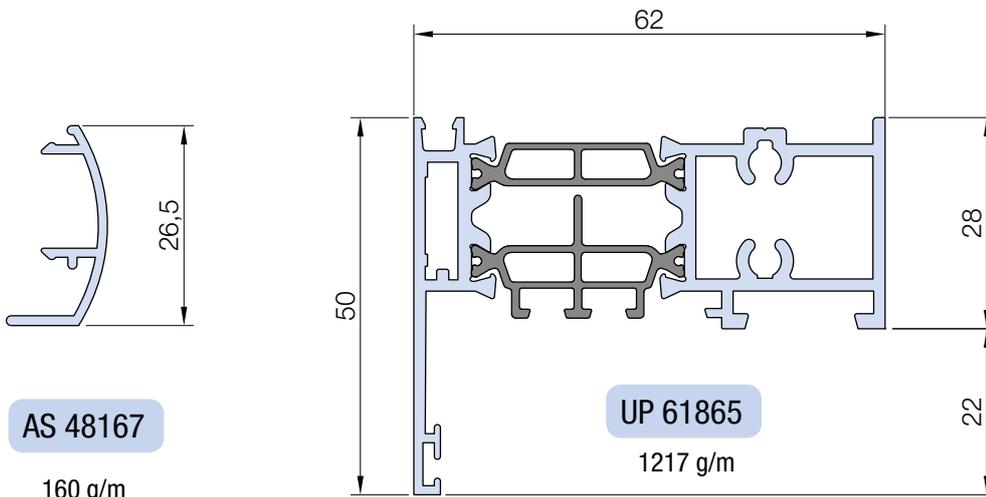
PL 2060

947 g/m



AS 4864

1218 g/m

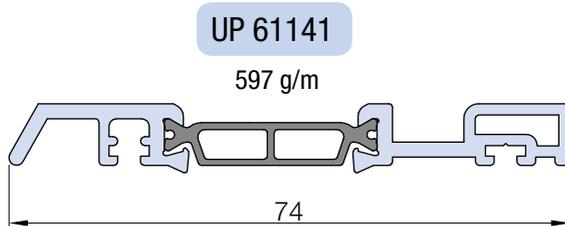


UP 61865

1217 g/m

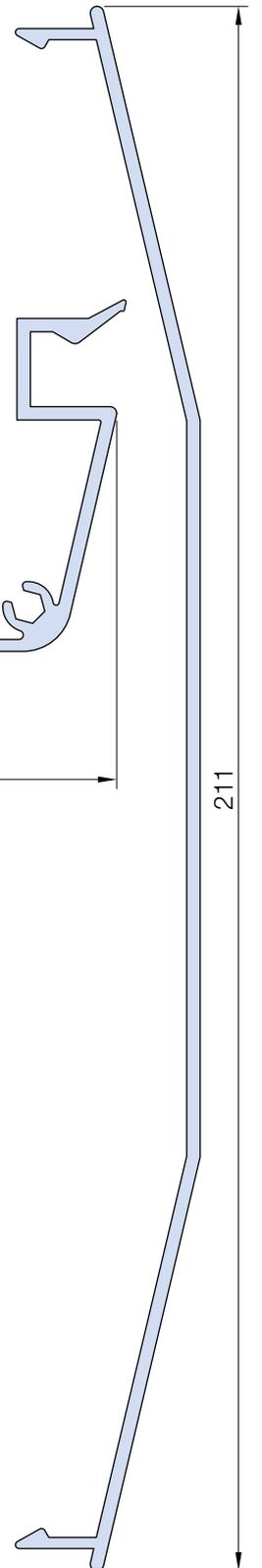
AS 48167

160 g/m



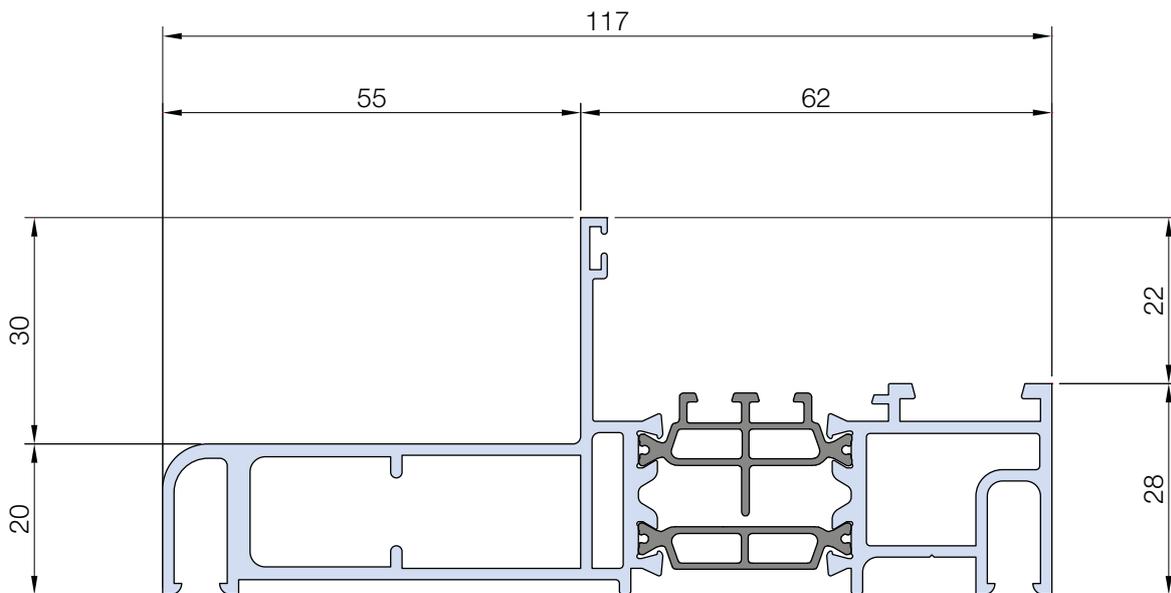
UP 61141

597 g/m



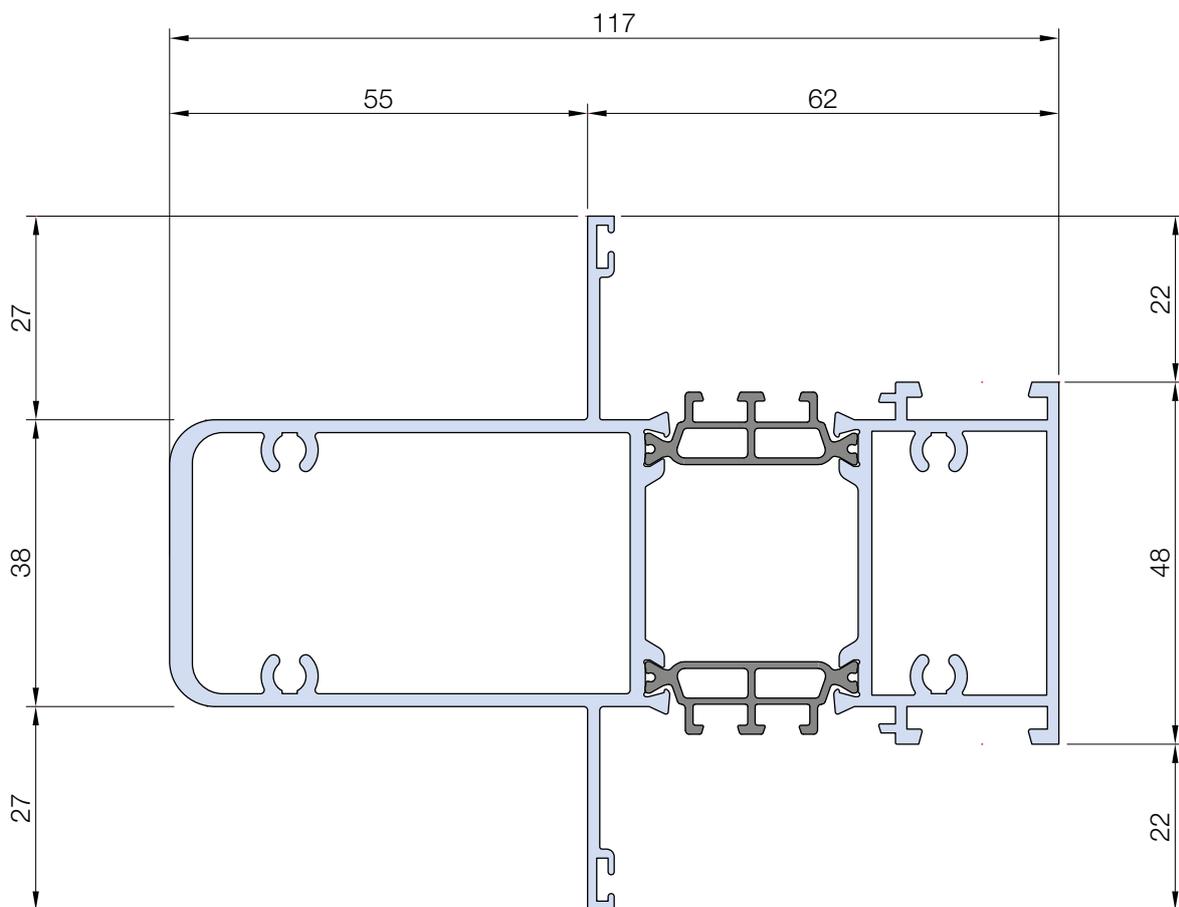
AS 4865

1110 g/m



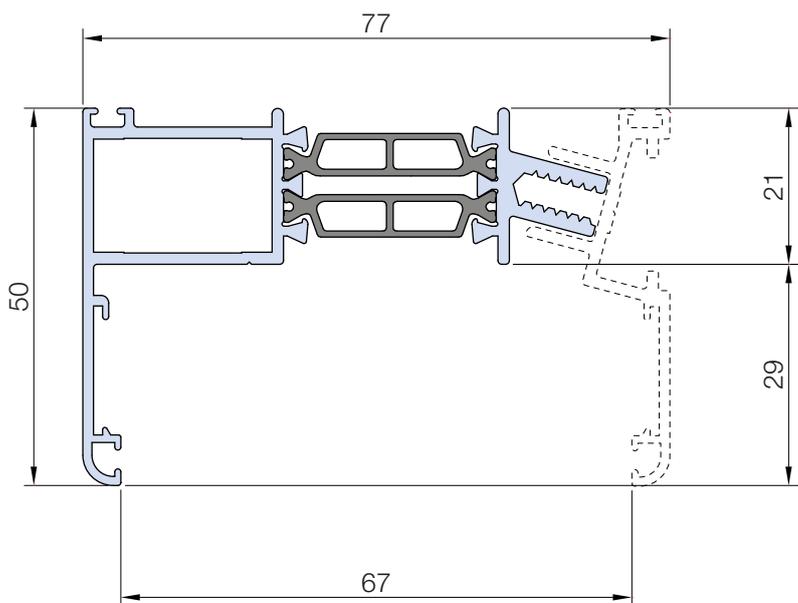
UP 61869

1872 g/m

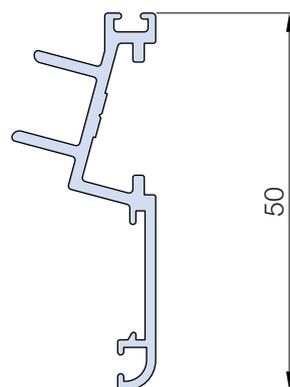


UP 61868

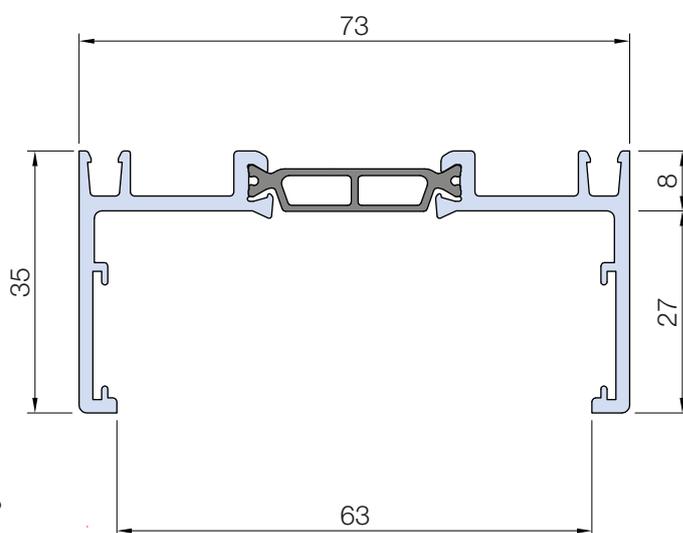
2465 g/m



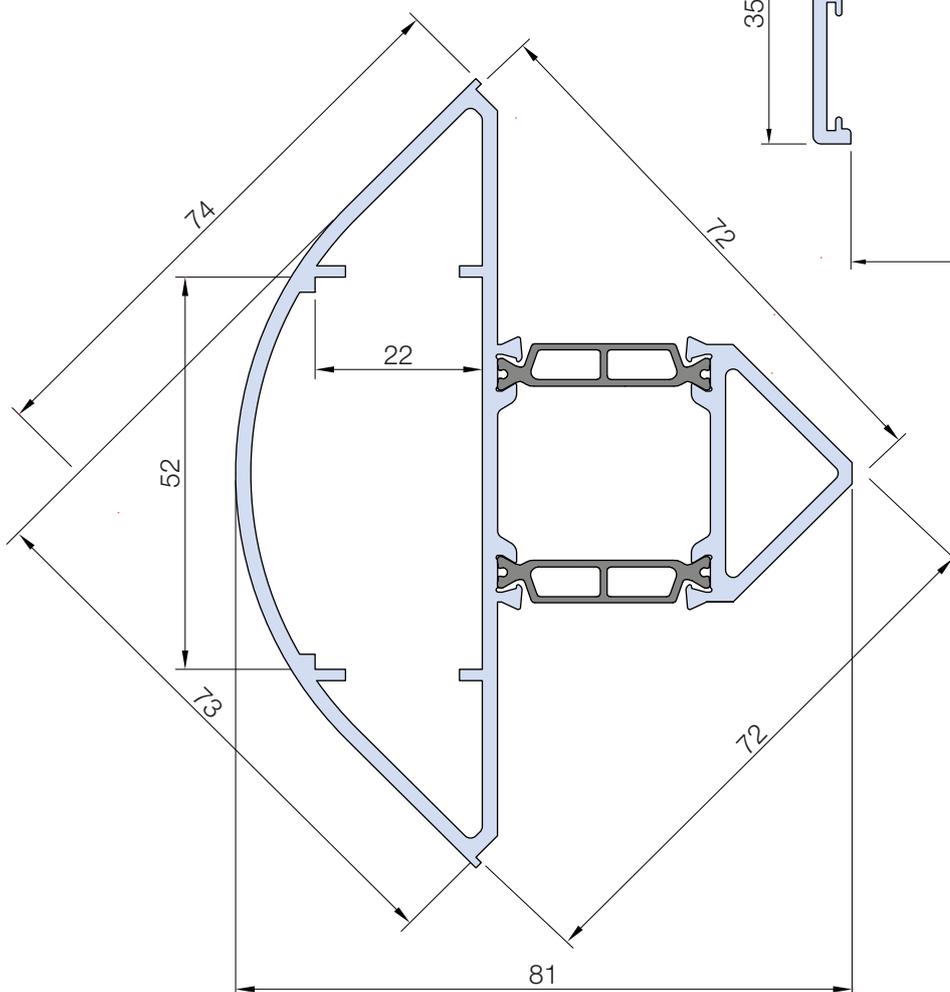
UP 6186
1006 g/m



PL 2077
385 g/m

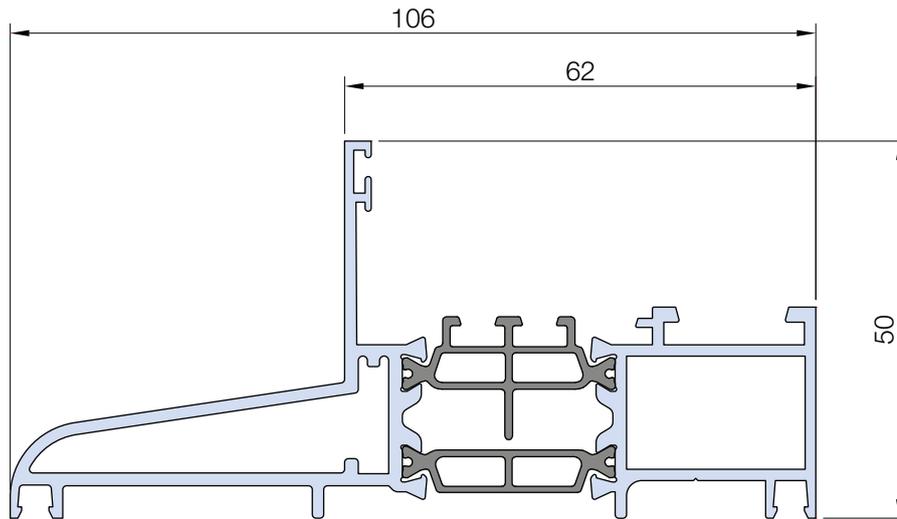


UP 61181
851 g/m



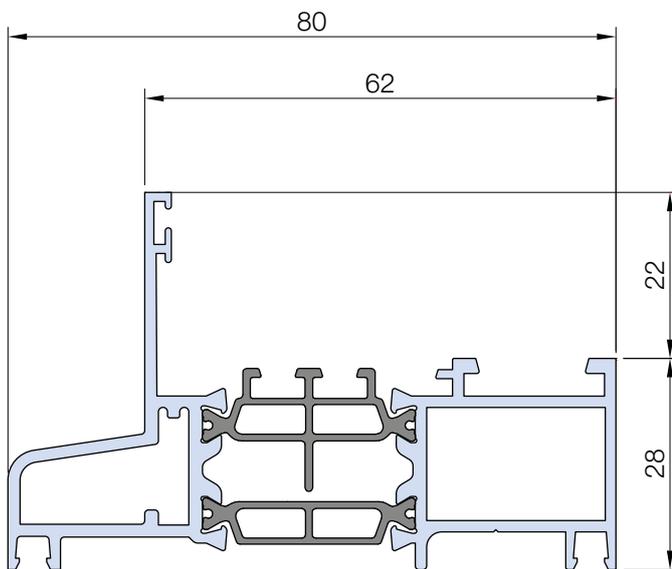
UP 61899
1999 g/m

SAGOMARIO
Profile representation



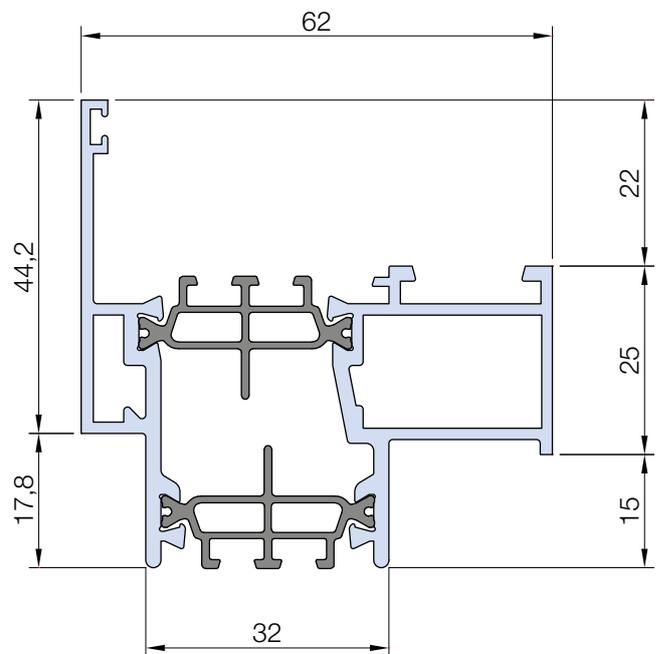
UP 61830

1554 g/m



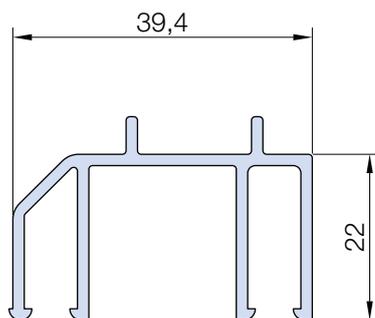
UP 61829

1331 g/m



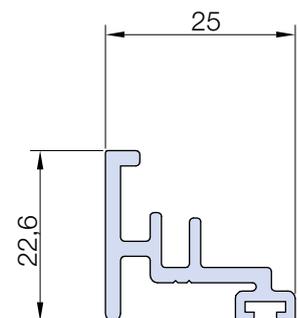
UP 61895

1296 g/m



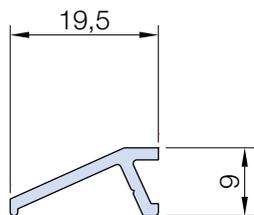
PL 2075

528 g/m



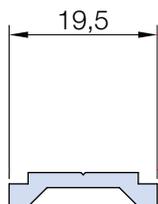
PL 2059

397 g/m



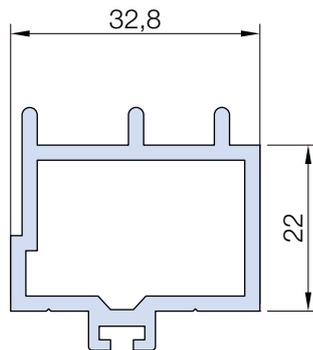
PL 20100

129 g/m



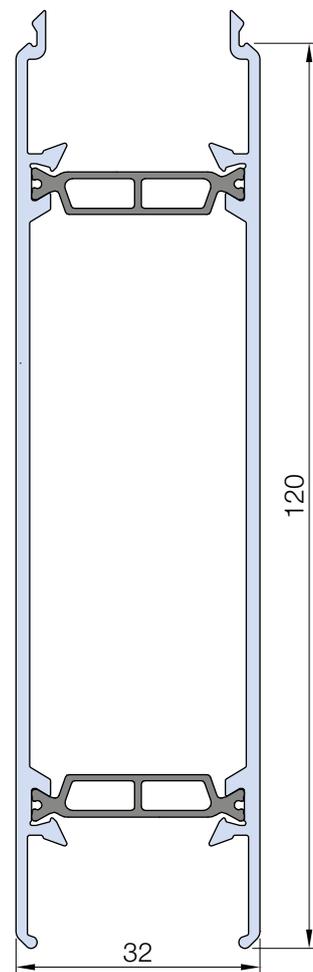
AS 1000

astina alluminio
119 g/m



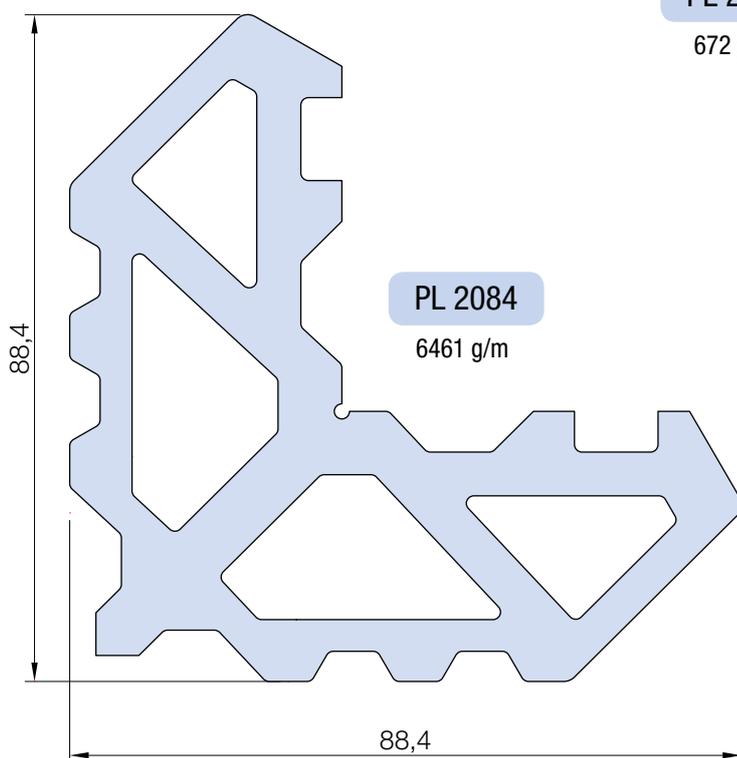
PL 2055

672 g/m



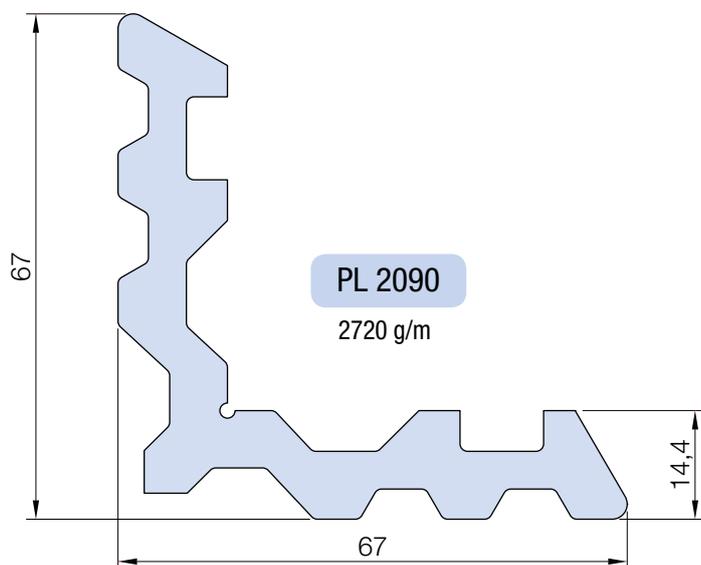
UP 6180

1489 g/m



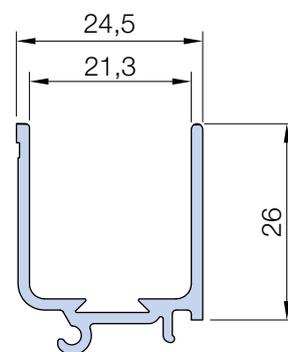
PL 2084

6461 g/m



PL 2090

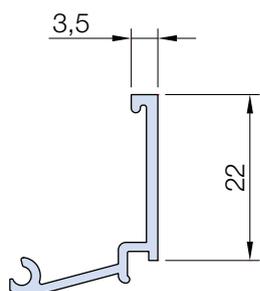
2720 g/m



PL 1325*

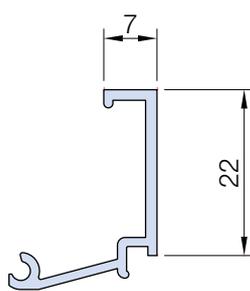
348 g/m

* UTILIZZARE SEMPRE GOMMINO ACP 5027



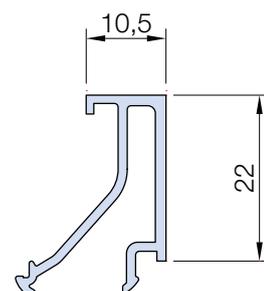
PL 1404*

190 g/m



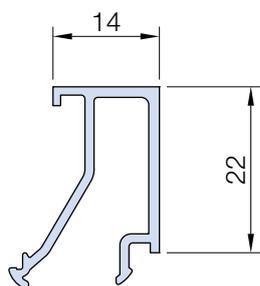
PL 1407*

206 g/m



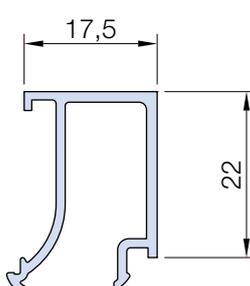
PL 1411

252 g/m



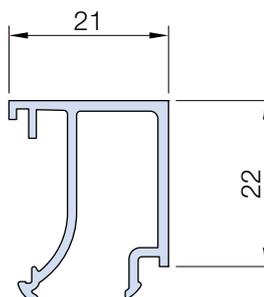
PL 1414

257 g/m



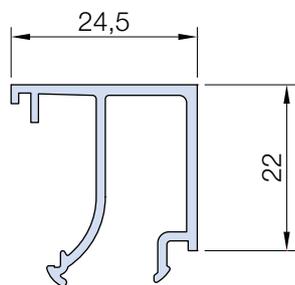
PL 1418

268 g/m



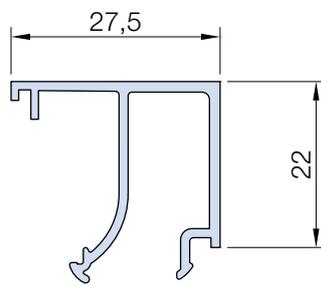
PL 1421

290 g/m



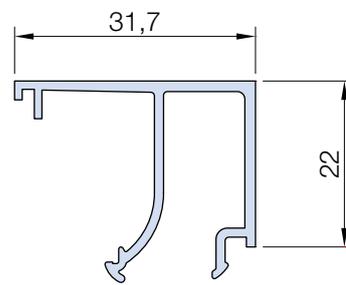
PL 1425

304 g/m



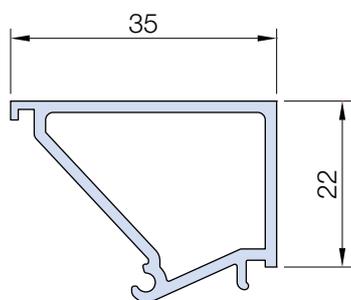
PL 1428

312 g/m



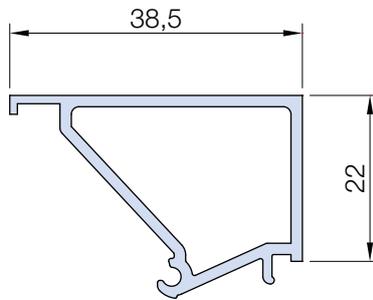
PL 1432

331 g/m



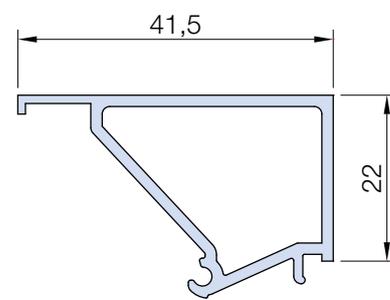
PL 1435*

434 g/m



PL 1439*

445 g/m

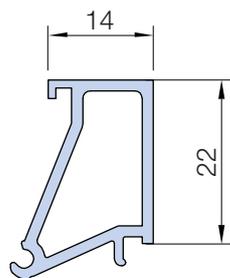


PL 1442*

454 g/m

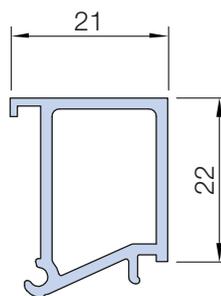
* UTILIZZARE SEMPRE GOMMINO ACP 5027

SAGOMARIO
Profile representation



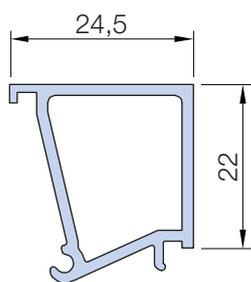
PL 14214*

329 g/m



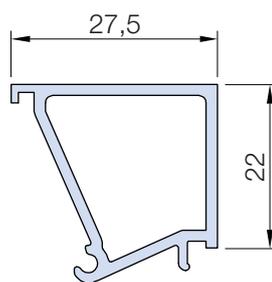
PL 14221*

353 g/m



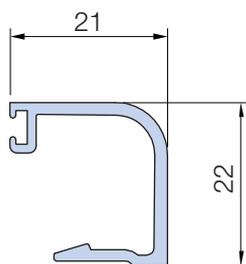
PL 14225*

370 g/m



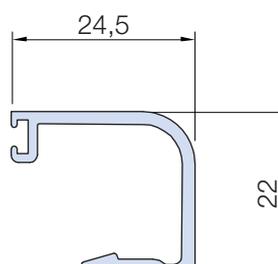
PL 14228*

389 g/m



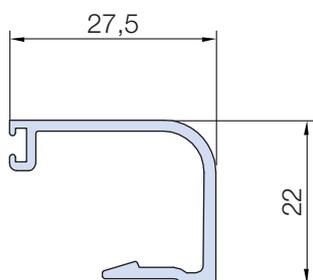
PL 15221#

259 g/m



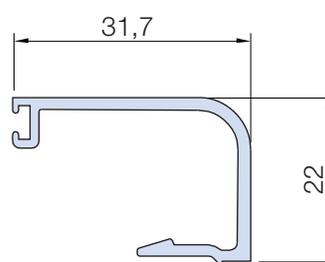
PL 15225#

0,275 g/m



PL 15228#

272 g/m

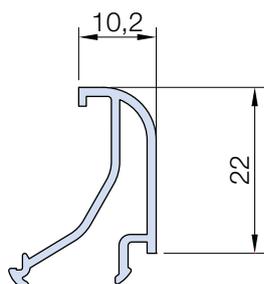


PL 15232#

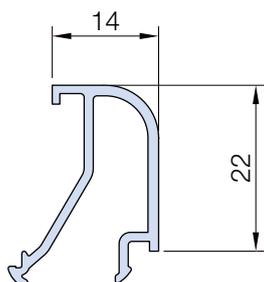
305 g/m

* UTILIZZARE SEMPRE GOMMINO ACP 5027

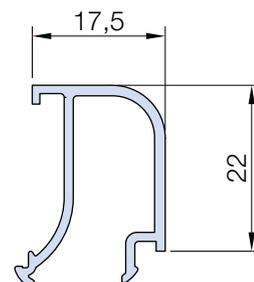
UTILIZZARE SEMPRE CLIP ACP 50122



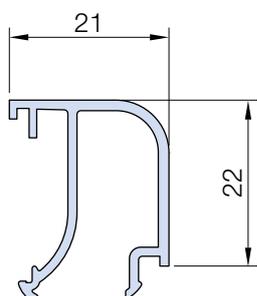
PL 1511
238 g/m



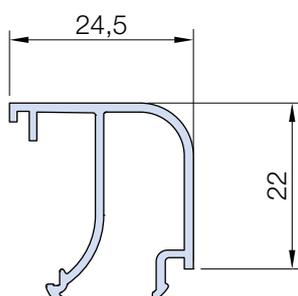
PL 1514
247 g/m



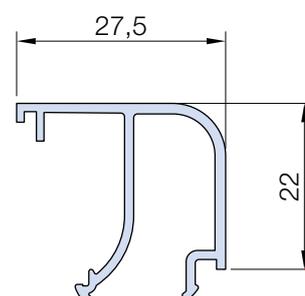
PL 1518
257 g/m



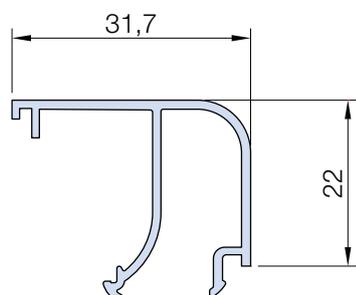
PL 1521
279 g/m



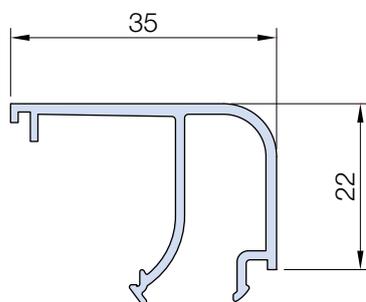
PL 1525
290 g/m



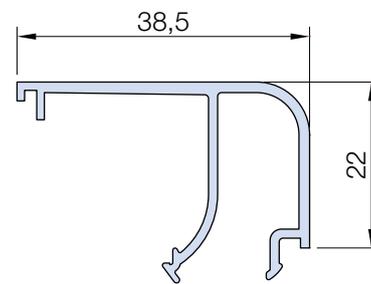
PL 1528
301 g/m



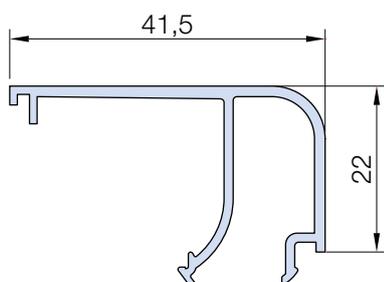
PL 1532
317 g/m



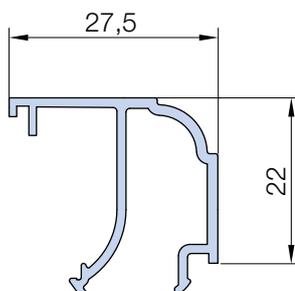
PL 1535
337 g/m



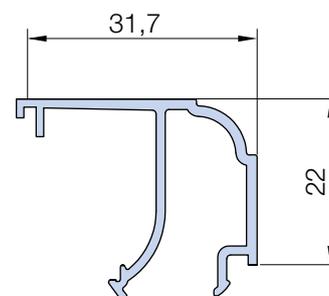
PL 1539
352 g/m



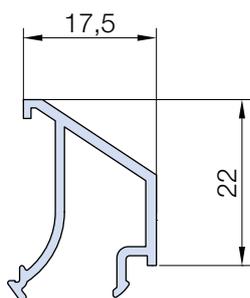
PL 1542
365 g/m



PL 1928
298 g/m

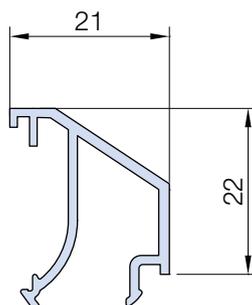


PL 1932
317 g/m



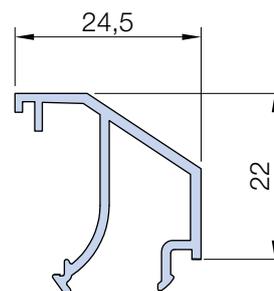
PL 1818

236 g/m



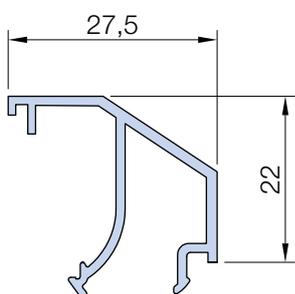
PL 1821

258 g/m



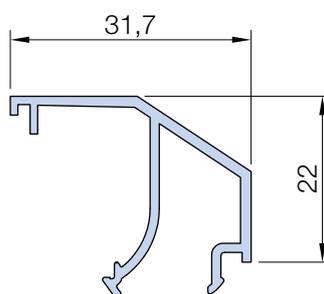
PL 1825

270 g/m



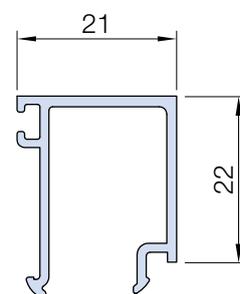
PL 1828

279 g/m



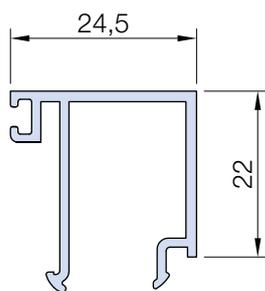
PL 1832

296 g/m



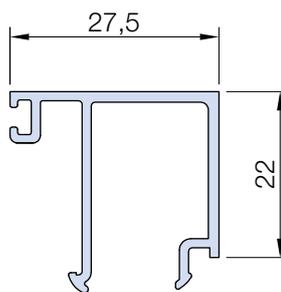
PL 14121

280 g/m



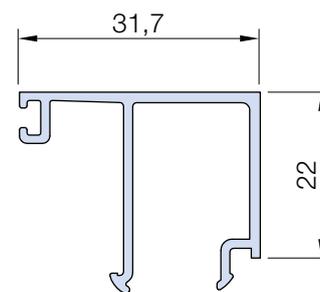
PL 14125

313 g/m



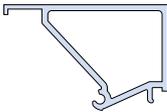
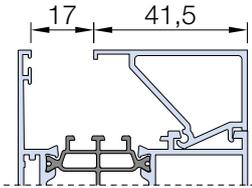
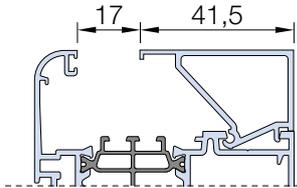
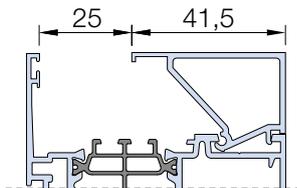
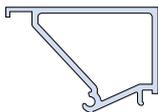
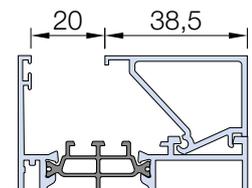
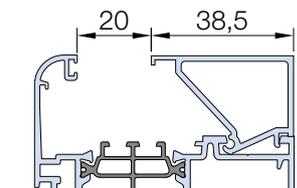
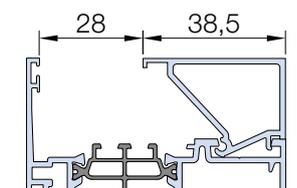
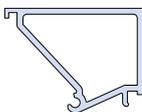
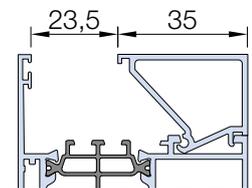
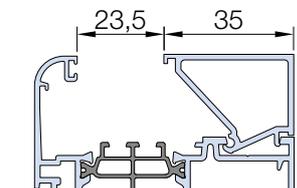
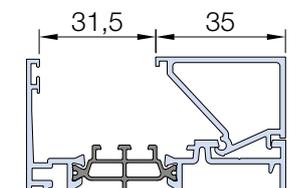
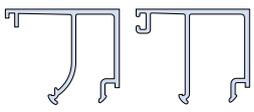
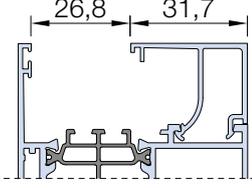
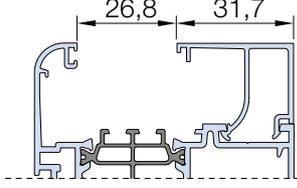
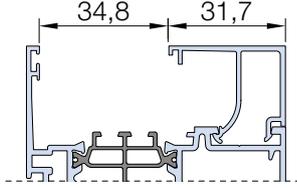
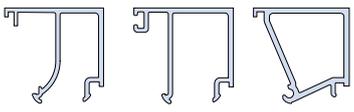
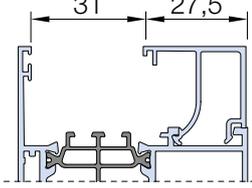
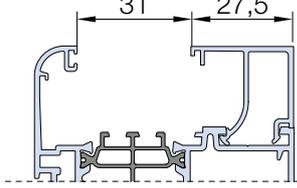
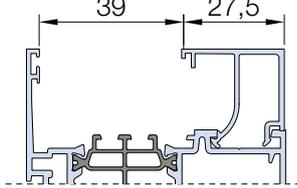
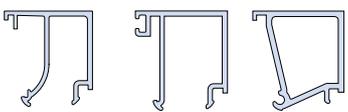
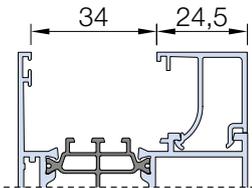
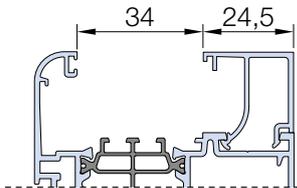
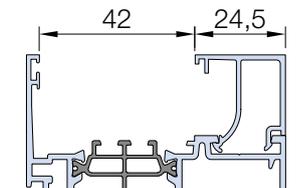
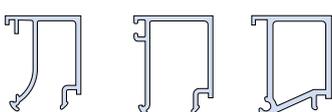
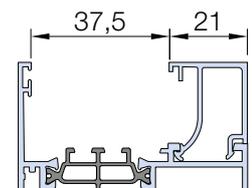
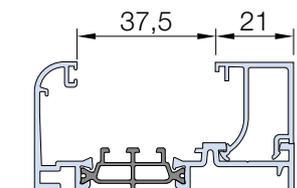
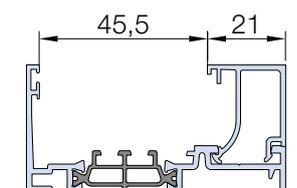
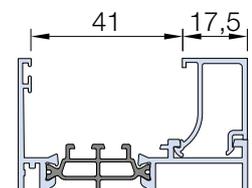
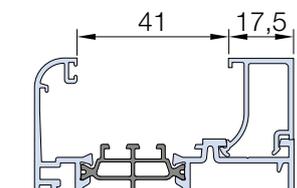
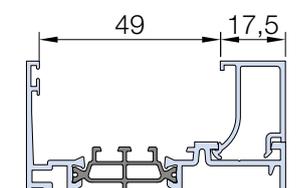
PL 14128

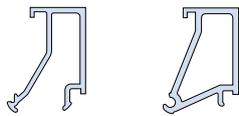
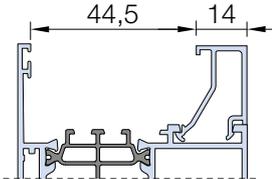
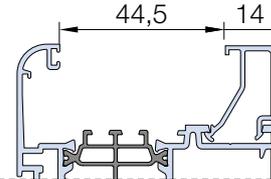
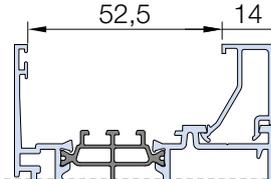
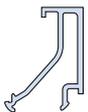
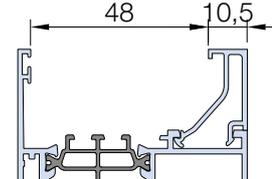
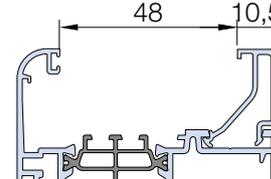
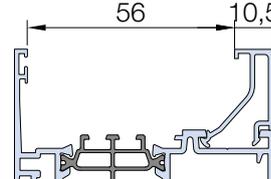
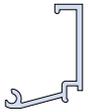
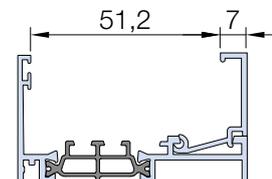
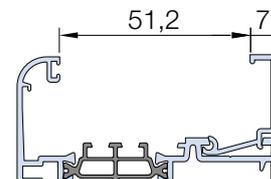
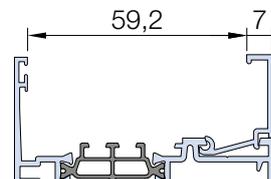
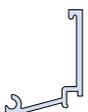
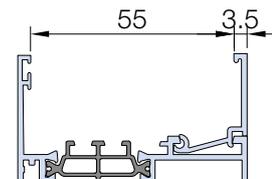
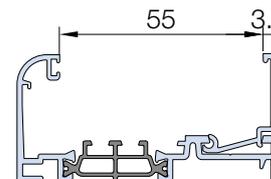
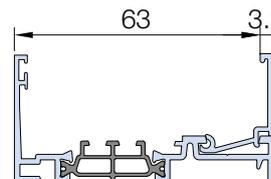
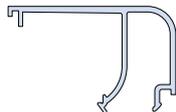
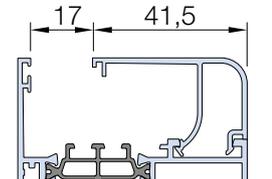
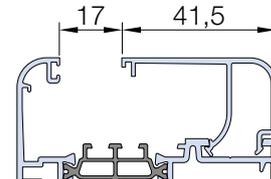
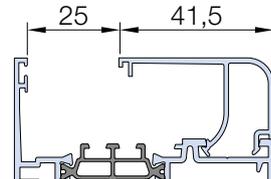
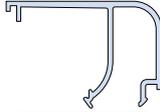
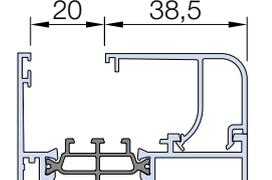
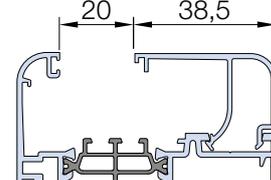
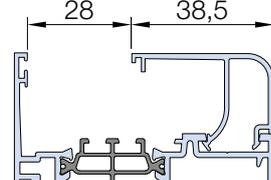
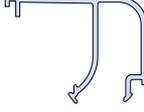
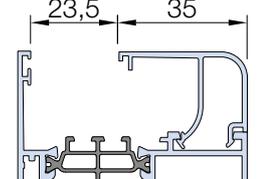
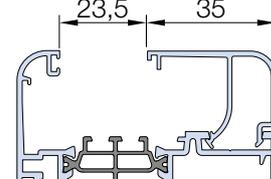
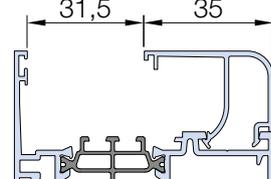
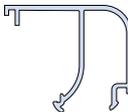
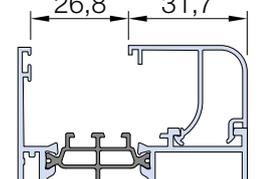
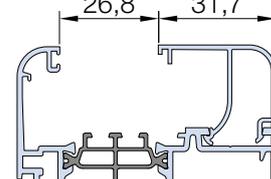
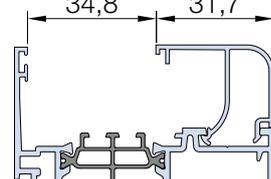
323 g/m



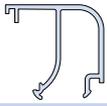
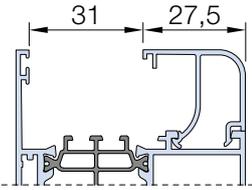
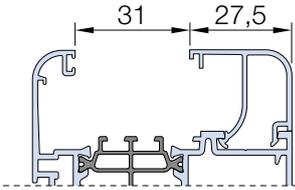
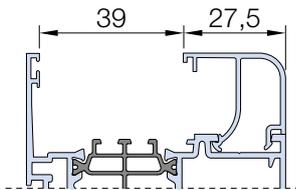
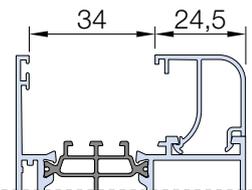
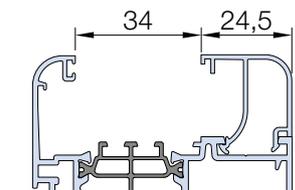
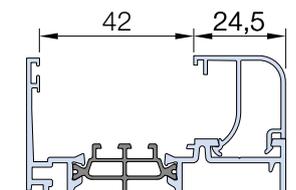
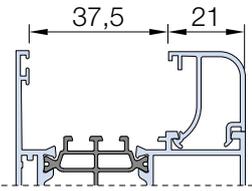
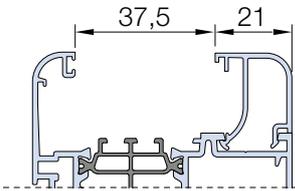
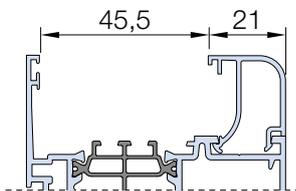
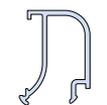
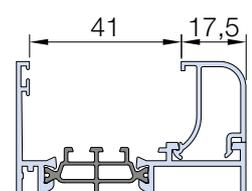
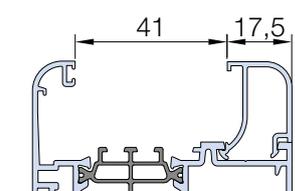
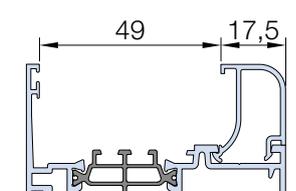
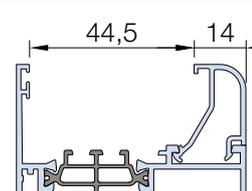
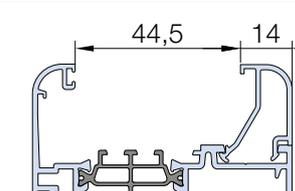
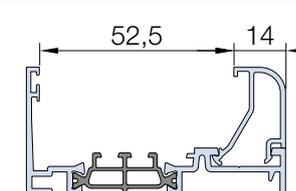
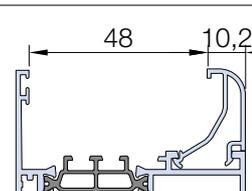
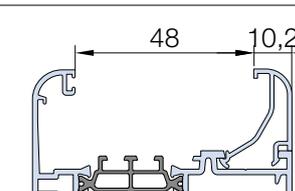
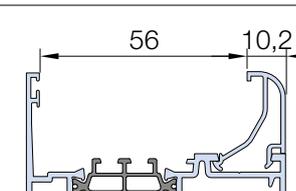
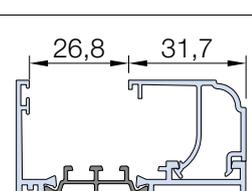
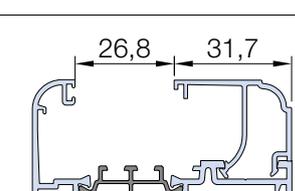
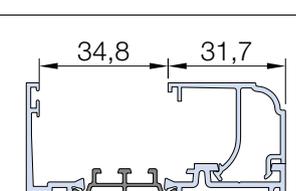
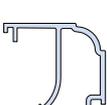
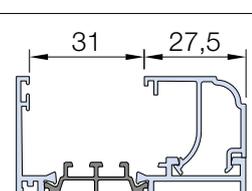
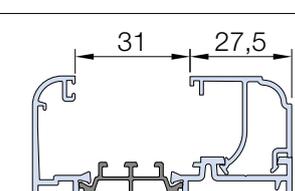
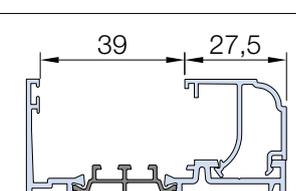
PL 14132

338 g/m

Fermavetro	Telaio UP 61802	Anta UP 61812	Anta UP 61811
 PL 1442			
 PL 1439			
 PL 1435			
 PL 1432 PL 14132			
 PL 1428 PL 14128 PL 14228			
 PL 1425 PL 14125 PL 14225			
 PL 1421 PL 14121 PL 14221			
 PL 1418			

Fermavetro	Telaio UP 61802	Anta UP 61812	Anta UP 61811
 <p>PL 1414 PL 14214</p>	 <p>44,5 14</p>	 <p>44,5 14</p>	 <p>52,5 14</p>
 <p>PL 1411</p>	 <p>48 10,5</p>	 <p>48 10,5</p>	 <p>56 10,5</p>
 <p>PL 1407</p>	 <p>51,2 7</p>	 <p>51,2 7</p>	 <p>59,2 7</p>
 <p>PL 1404</p>	 <p>55 3,5</p>	 <p>55 3,5</p>	 <p>63 3,5</p>
 <p>PL 1542</p>	 <p>17 41,5</p>	 <p>17 41,5</p>	 <p>25 41,5</p>
 <p>PL 1539</p>	 <p>20 38,5</p>	 <p>20 38,5</p>	 <p>28 38,5</p>
 <p>PL 1535</p>	 <p>23,5 35</p>	 <p>23,5 35</p>	 <p>31,5 35</p>
 <p>PL 1532</p>	 <p>26,8 31,7</p>	 <p>26,8 31,7</p>	 <p>34,8 31,7</p>

VETRAZIONI
Design

Fermavetro	Telaio UP 61802	Anta UP 61812	Anta UP 61811
 <p>PL 1528</p>	 <p>31 27,5</p>	 <p>31 27,5</p>	 <p>39 27,5</p>
 <p>PL 1525</p>	 <p>34 24,5</p>	 <p>34 24,5</p>	 <p>42 24,5</p>
 <p>PL 1521</p>	 <p>37,5 21</p>	 <p>37,5 21</p>	 <p>45,5 21</p>
 <p>PL 1518</p>	 <p>41 17,5</p>	 <p>41 17,5</p>	 <p>49 17,5</p>
 <p>PL 1514</p>	 <p>44,5 14</p>	 <p>44,5 14</p>	 <p>52,5 14</p>
 <p>PL 1511</p>	 <p>48 10,2</p>	 <p>48 10,2</p>	 <p>56 10,2</p>
 <p>PL 1932</p>	 <p>26,8 31,7</p>	 <p>26,8 31,7</p>	 <p>34,8 31,7</p>
 <p>PL 1928</p>	 <p>31 27,5</p>	 <p>31 27,5</p>	 <p>39 27,5</p>

Fermavetro	Telaio UP 61802	Anta UP 61812	Anta UP 61811
<p>PL 1832</p>			
<p>PL 1828</p>			
<p>PL 1825</p>			
<p>PL 1821</p>			
<p>PL 1818</p>			

VETRAZIONI
Design

AC 2001	Vite trilobata per ACP 50420 <i>Trilobate 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 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 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 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 corner</i>
ACP 5017	Cricchetto vasistas applicazione rapida <i>Awning/hopper window quick fitting finger catch</i>
ACP 5027	Gommino di bloccaggio per fermavetri a contrasto <i>Glazing bead locking rubber strip for PL1404 and PL1407 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 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 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 5091M	Frizione bilico senza piastre <i>Pivoting clutch without plates</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 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/D	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/S	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 50127	Squadretta allineamento da incollare <i>Alignment bracket to glue</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 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 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 50220	Supporto a squadra 46X10mm rullo tapparella <i>Square bracket 46x10mm for rolling shutter</i>
ACP 50226	Piastrina sostegno anta <i>Plastic support for leaf</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 50252	Martellina Aurora 0-90-180° quadro 7mm <i>Aurora Martellina 0-90-180°, 7mm</i>
ACP 50267	Meccanismo martellina bidirezionale per bilico <i>Bidirection Martellina mechanism for pivot window</i>
ACP 50268	Perno di collegamento per ACP 50267, L = 31 mm <i>Connecting pin for ACP50267, L=31mm</i>
ACP 50310	Maniglia EXENS linea Tonda <i>EXENS rounded handle</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 50313	Maniglia EXENS squadrata <i>EXENS squared handle</i>

ACP 50314	Maniglia EXENS linea Aurora <i>Aurora EXENS handle</i>
ACP 50318	Doppia EXENS linea Aurora per porte <i>Double Aurora EXENS handle for door</i>
ACP 50321	Maniglia EXENS linea tonda con chiave <i>Rounded key-handle without plate</i>
ACP 50322	Maniglia EXENS linea squadrata con chiave <i>Squared key-handle without plate</i>
ACP 50323	Kit manovra logica <i>Tilt and turn logic kit</i>
ACP 50330	Maniglia EXENS linea Aurora quadro 7mm <i>EXENS Aurora line square 7mm</i>
ACP 50341	Basetta copricilindro per doppia maniglia Aurora <i>Base for cylinder dust cap for Aurora double handle</i>
ACP 50400	Cremonese Aurora bidirezionale <i>Bidirectional Cremonese Aurora handle</i>
ACP 50401	Cremonese Aurora monodirezionale per anta ribalta e scorrevole parallelo <i>Monodirectional Cremonese Aurora handle for tilt & turn and parallel slide</i>
ACP 50405	Cerniera premontata, per telai piani <i>Hinge for flat frames.</i>
ACP 50407	Cerniera 3ª anta inox e piastrini premontati, usare 1 coppia h max=1800 mm per h oltre 1800 mm inserire la 3a cerniera <i>3 rd leaf hinge. Use a pair of hinge for hmax=1800 mm, 3 hinges for h>1800 mm</i>
ACP 50410	Kit punto di chiusura a fungo di sicurezza <i>Safety closure point kit</i>
ACP 50411	Bracci sporgere telescopici a coppie <i>Top-hinged telescopic arms for projected windows</i>
ACP 50420	Cavallotto 23X14mm a scatto in estruso <i>Snap clamp 23x14mm extruded</i>
ACP 50421	Punto di chiusura registrabile <i>Adjustable locking point</i>
ACP 50422	Catenacciolo in nylon <i>Nylon bolt</i>
ACP 50425	Cavallotto cava fermavetro per inglesine <i>Clamp glazing bead for inglesine</i>
ACP 50432	Manico per cremonese Aurora ACP 50433/50434 <i>Cremonese Aurora handle for ACP 50433/50434</i>

ACP 50433	Manico per cremonese Aurora ACP 50433/50434 <i>Cremonese Aurora handle for ACP 50433/50434</i>
ACP 50434	Manico per cremonese Aurora ACP 50433/50434 <i>Cremonese Aurora handle for ACP 50433/50434</i>
ACP 50445	Blocchetti collegamento cremonese in poliammide <i>Polyamide connection pieces for Cremonese handle</i>
ACP 50446/350	Braccio ribalta extra corto 350/410mm da abbinare ad ACP 50476 e ACP 50477 <i>Extra short tilt arm 350/410mm</i>
ACP 50446/415	Braccio ribalta corto 410/700mm da abbinare ad ACP 50476 e ACP 50477 <i>Short tilt arm 410/700mm</i>
ACP 50446/538	Braccio ribalta lungo 701/1800mm da abbinare ad ACP 50476 e ACP 50477 <i>Long tilt arm 701/1800mm</i>
ACP 50447	Kit catenacci per a/r standard (con prolunga alluminio) <i>Deadbolt kit for standard tilt & turn (with aluminum extension)</i>
ACP 50448	Traino per cremonese monodirezionale <i>Towing for monodirectional cremone bolt</i>
ACP 50452	Catenaccioli a spinta in kit in zama con eccentrico di registrazione per anta semifissa <i>Metal bolt set</i>
ACP 50454	Cavallo a scatto in estruso per TT 61838 <i>Snap clamp, extruded for TT 61838</i>
ACP 50456	Cerniere a/r telai piani <i>T/T hinges for flat frames</i>
ACP 50457	Cerniere a/r telai complanari <i>T/T hinges for coplanar frames</i>
ACP 50458	Kit 6 punti di chiusura <i>6 locking points kit</i>
ACP 50459	Adattatore anta abbinata per cerniere ACP 50456 e ACP 50457 <i>Matching door adapter for ACP 50456 and ACP 50457 hinges</i>
ACP 50475	Kit finestra 1 anta battente <i>Window kit 1 hinged door</i>
ACP 50476	Kit a/r con traino per cremonese e 2 funghetti AE <i>T/T kit with drive for cremone bolt and 2 antiburglary locking point</i>
ACP 50477	Kit a/r con meccanismo martellina e 2 funghetti AE <i>T/T kit with handle mechanism and 2 antiburglary locking point</i>
ACP 50478	Kit a/r con meccanismo EXENS e 2 funghetti AE <i>T/T kit with EXENS mechanism and 2 antiburglary locking point</i>

ACP 50481	Kit a/r con traino cremonese per manovra logica <i>T/T kit with cremone bolt drive for logical maneuver</i>
ACP 50482	Incontro doppio in nylon <i>Double nylon striker</i>
ACP 50525	Terminale asta <i>Rod terminal</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 50546/415	Braccio ribalta corto per ante da 410 a 700mm manovra logica <i>Short tilting arm for doors from 410 to 700mm logic operation</i>
ACP 50546/538	Braccio ribalta lungo per ante da 550 a 1800mm manovra logica <i>Long tilting arm for doors from 550 to 1800mm logic operation</i>
ACP 50582	Incontro singolo in nylon <i>Single nylon striker</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 5100	Set piastre per bilico frizione. Dimensioni: 10,75x17,5x69,8mm e 21,5x22,5x69,8mm <i>Clutch balance plates set</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 right 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 left 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 right 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 left 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 passive leaf</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 <i>Single keeper zamak</i>
ACP 5159	Terminale in zama SECRET, finestre a battente <i>SECRET zamak rod end zamak</i>
ACP 5161/D	Kit cerniera a scomparsa DX SECRET anta passiva, battente <i>SECRET concealed hinge set right passive leaf</i>
ACP 5161/S	Kit cerniera a scomparsa SX SECRET anta passiva, battente <i>SECRET concealed hinge set left passive leaf</i>
ACP 5162/D	Kit A/R con cerniere a scomparsa SECRET anta destra braccio corto - portata max 150kg <i>Secret tilt and turn mechanism with concealed hinges, right, short arm - Max load 150kg</i>
ACP 5162/S	Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio corto - portata max 150kg <i>Secret tilt and turn mechanism with concealed hinges, left, short arm - Max load 150kg</i>
ACP 5163/D	Kit A/R con cerniere a scomparsa SECRET anta destra braccio lungo - portata max 150kg <i>Secret tilt and turn mechanism with concealed hinges, right, long arm - Max load 150kg</i>
ACP 5163/S	Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio lungo - portata max 150kg <i>Secret tilt and turn mechanism with concealed hinges, left, long arm - Max load 150kg</i>
ACP 5164/D	Kit cerniera a scomparsa SECRET anta passiva destra - portata max 150kg <i>Secret concealed hinges, right - Max load 150kg</i>
ACP 5164/S	Kit cerniera a scomparsa SECRET anta passiva sinistra - portata max 150kg <i>Secret concealed hinges, left - Max load 150kg</i>

ACP 5165	Braccio limitatore di apertura <i>Limit stay arm</i>
ACP 5166	SECRET - Kit Cerniere VASISTAS per infissi fino a 2.500 mm di larghezza <i>SECRET - VASISTAS Hinges Kit for windows up to 2,500 mm wide</i>
ACP 5167	SECRET - Sostegno anta da abbinare al kit ACP 5166 <i>SECRET - Support for leaf to combine with the ACP 5166 kit</i>
ACP 5171	Kit Vasistas per cerniere ACP 5166 <i>Vasistas Kit for ACP 5166 hinges</i>
ACP 5198	Meccanismo martellina monodirezionale per A/R, quadro 7mm <i>Handle mechanism monodirectional for T/T windows</i>
ACP 5199N	Meccanismo martellina bidirezionale per battente, quadro 7mm <i>Two ways directional handle mechanism 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 51454	Rostro per ferramenta standard <i>Rostrum for standard hardware</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	Cavallo 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 M	Squadretta 23X14mm multifunzione, avvitare, spinare e cianfrinare <i>Multi-purpose bracket 23x14mm, screwing, broaching and crimping</i>

ACP 5802	Squadretta maggiorata 23X35mm multifunzione, avvitare, spinare e cianfrinare <i>Multi-purpose bracket 23x35mm, screwing, broaching and crimping</i>
ACP 5805	Squadretta pressofusa 23X14mm angolo variabile min.60° max 120° <i>Bracket 23x14mm variable angle - strong min 60° max 120°</i>
ACP 5821	Cavallotto 23X14mm in pressofuso con grano e codulo <i>Clamp 23x14mm die-cast with dowel and shank</i>
ACP 6220	<small>THERMOPOSA</small> Traverso inferiore 20mm Thermopro in PVC <i>Thermopro PVC sill transom, 20mm</i>
ACP 6246/25	<small>THERMOPOSA</small> Controtelaio Thermopro spalla 72mm, battuta 25 rifilabile <i>Thermopro subframe 72mm, beat 25</i>
ACP 6246/49	<small>THERMOPOSA</small> Controtelaio Thermopro spalla 72mm battuta 49 rifilabile <i>Thermopro subframe 72mm, beat 49</i>
ACP 6249	<small>THERMOPOSA</small> Traverso inferiore 40mm Thermopro in PVC <i>Thermopro PVC sill transom</i>
ACP 6254	<small>THERMOPOSA</small> Staffe per traverso ACP 6249 <i>Transom bracket for ACP 6249</i>
ACP 6255	<small>THERMOPOSA</small> Zanche per fissaggio del controtelaio ACP 6246 <i>Clamps for fixing of subframe for ACP 6246</i>
ACP 6256	<small>THERMOPOSA</small> Squadretta angolare per controtelaio ACP 6246 <i>Corner cleat for ACP 6246</i>
ACP 6257	<small>THERMOPOSA</small> Piastra di allineamento per controtelaio ACP 6246 <i>Alignment plate for ACP 6246</i>
ACP 6258	<small>THERMOPOSA</small> Squadretta di rinforzo per controtelaio ACP 6246 <i>Reinforced bracket for ACP 6246</i>
ACP 6259	<small>THERMOPOSA</small> Rinforzo tubolare aperto in acciaio 12x40mm per controtelaio ACP 6246 <i>Steel tubular reinforcement 12x40mm for ACP 6246</i>
ACP 6260	<small>THERMOPOSA</small> Staffe per traverso ACP 6220 <i>Transom bracket for ACP 6220</i>
ACP 6272	Tappo sotto porta per UP 61835 <i>Plug for UP 61835</i>
ACP 6273	Tappo sotto porta per UP 61837 <i>Plug for UP 61837</i>
ACP 6274	Tappo sotto porta per UP 61813 <i>Plug for UP 61813</i>
ACP 62130	Appoggio vetro <i>Glass support</i>

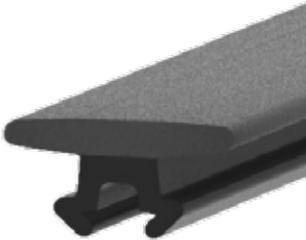
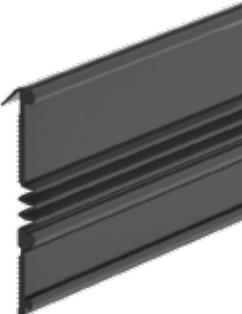
ACP 62178 M	Tappo riporto centrale versione doppia battuta <i>Plug for central connection profile, double rebate version</i>
ACP 62180 M	Tappo riporto centrale <i>Plug for central connection profile</i>
ACP 7001	Squadretta piccola multifunzione 17,5X15mm avvitare, spinare e cianfrinare per inversione UP 61123 <i>Multi-purpose bracket 17,5x15mm, screwing, broaching and crimping for reversal UP 61123</i>
ACP 7207	Cavallotto di allineamento scocca esterna profili dritti <i>External alignment clamp for plane profiles</i>
ACP 7208	Cavallotto 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 N	Cerniera Strong a 2 ali per telai piani <i>2-wing Strong hinge for flat frame</i>
ACP 9938 N	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 UP <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 9973	Kit fissaggio cerniere applicazione frontale 2 ali <i>Kit 2-winged front hinge fastening</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>
AGG 3000	Guarnizione di battuta per telai capannoni e imbotti porte interne <i>Rebate gasket for industrial shed frames and wall profiles of internal wall</i>

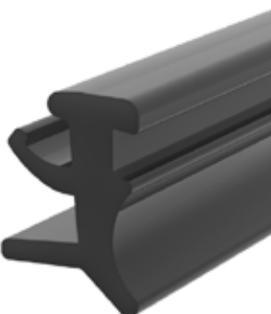
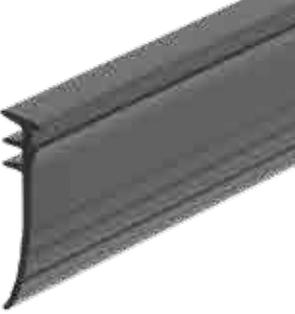
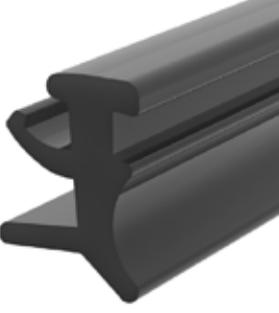
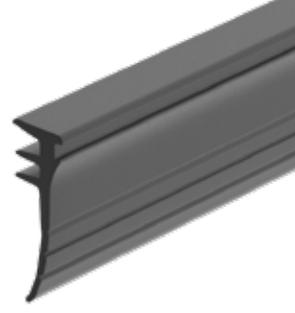
AGG 3092	Giunto per finestre a nastro <i>Joint for ribbon windows</i>
AGP 4000	Guarnizione di battuta in EPDM <i>EPDM rabbet seal</i>
AGP 4002	Guarnizione isolamento perimetrale muro-telaio <i>Wall-frame perimeter insulation seal</i>
AGP 4004	Guarnizione di battuta in EPDM coestruso, inserimento ad infilare <i>Rebate gasket in co-extruded EPDM</i>
AGP 4005	Guarnizione di battuta per riporto centrale lato semifisso per versione doppia battuta <i>Rebate gasket for central connection profile on the semi-fixed side for double rebate version</i>
AGP 4006	Guarnizione di battuta per riporto centrale lato semifisso per versione giunto aperto <i>Astragal seal, semi-fixed side, for internal gasket sealing version</i>
AGP 4009	Guarnizione sottoporta ante a giro. Abbinare a PL 2059 <i>Under door gasket for PL 2059</i>
AGP 4013	Guarnizione vetro esterna in EPDM 2,5mm <i>EPDM external glazing seal 2,5mm</i>
AGP 4014	Guarnizione vetro esterna in EPDM 4mm <i>EPDM external glazing seal, 4mm</i>
AGP 4015	Guarnizione acustica di battuta esterna, coestrusa con base rigida, sostituibile <i>External rabbet acoustic gasket, co-extruded, with replaceable rigid base</i>
AGP 4040	Guarnizione chiudi cava 15mm, color argento <i>Frame recess cover strip 15mm and beat sliding version, silver color</i>
AGP 4085	Angoletto vulcanizzato per AGP 4000 <i>Vulcanized corner piece for AGP 4000</i>
AGP 4099	Guarnizione isolamento perimetrale telaio-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 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 5030/I	<small>THERMOPOSA</small> Profilo portaintonaco per esterno con asole 250cm <i>Outdoor plaster profile</i>
AGP 5031	<small>THERMOPOSA</small> Profilo portaintonaco per interno con asole 250cm <i>Inner plaster profile</i>
AGP 5032	<small>THERMOPOSA</small> Barriera al vapore per controtelaio ACP 6246 <i>Vapor barrier for ACP 6246</i>
AGP 5033	<small>THERMOPOSA</small> Nastro precompresso BG1 da 15mm per sigillatura della battuta <i>BG1 beat sealing, 15mm</i>
AGP 5034/25	<small>THERMOPOSA</small> Nastro precompresso per posa in battuta per la sigillatura della spalla <i>Band for laying batting, wall sealing</i>
AGP 5035/...	<small>THERMOPOSA</small> Sigillante MS Polimero bianco, marrone, grigio o nero, 290 ml <i>MS Polymer sealant</i>
AGP 5036	<small>THERMOPOSA</small> Schiuma poliuretanicca elastica fissaggio controtelaio ACP 6246 <i>Elastic polyurethane foam for ACP 6246</i>
AGP 5037	<small>THERMOPOSA</small> Nastro in schiuma di PVC per soglia e traverso inferiore <i>PVC foam band for transom and threshold</i>
AGP 5058	Sigillante poliuretanicco bicomponente, cartuccia 415ml <i>Two-component polyurethane sealant, 415ml cartridge</i>
AGP 5059	Pistola manuale per sigillante bicomponente AGP 5058 <i>Manual gun for two-component sealant AGP 5058</i>
AGP 5069	Pistola pneumatica per sigillante bicomponente AGP 5058 <i>Pneumatic gun for two-component sealant AGP 5058</i>
AGP 5072	Beccuccio Static Mixer per AGP 5058 <i>Static Mixer nozzle for AGP 5058</i>

AGP 5073	Sigillante per sigillatrice MCT PL TKE 259 <i>Sealant for MCT PL TKE 259 sealer</i>
AGP 5079	Pistola a batteria per sigillante bicomponente AGP 5058 <i>Battery gun for two-component sealant AGP 5058</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 6203	Listello in PUR 10x10mm <i>Strip in PUR 10x10mm</i>
AGP 6204	Listello in PUR 21,6x26,7 <i>Strip in PUR 21,6x26,7mm</i>
AGP 6280	Guarnizione di giunzione telaio battente-telaio scorrevole <i>Side-hung frame/sliding frame interface seal</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>
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>
MCT PL TKE 259	Sigillatrice d'angoli automatica <i>Automatic corner sealer</i>
TAC 1000	Astina in poliammide. Disponibile in grigio e nero, 250m per rotolo <i>PA rod. Available in color grey and black</i>

ELENCO GUARNIZIONI

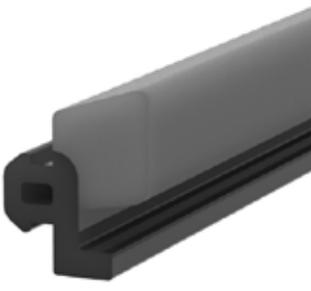
	<p>AGG 3000</p> <p>Guarnizione di battuta per telai capannoni e imbotti porte interne Cfz: 100m</p> <p><i>Rebate gasket for industrial shed frames and wall profiles of internal wall Pkg: 100m</i></p>		<p>AGP 4006</p> <p>Guarnizione di battuta per riporto centrale lato semifissa, versione giunto aperto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

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

	<p>AGP 4113</p> <p>Guarnizione vetro esterna in coestruso EPDM/SPUGNA da 2,5mm per isolamento acustico e termico Cfz: 100m</p> <p><i>External glass gasket in co-extruded EPDM/FOAM 2,5mm for sound and thermal insulation Pkg: 100m</i></p>
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	<p>AGP 4123</p> <p>Guarnizione vetro esterna in EPDM da 2,5mm a baffo per siliconare. Garantisce maggiore ermeticità Cfz: 150m</p> <p><i>EPDM external glass gasket, 2,5mm lip sealing strip for applying silicone sealant. Guarantees greater hermetic sealing Pkg: 150m</i></p>
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	<p>AGP 4135</p> <p>Guarnizione vetro esterna in EPDM da 3,5mm a baffo per siliconare. Garantisce maggiore ermeticità Cfz: 150m</p> <p><i>EPDM external glass gasket, 3,5mm lip sealing strip for applying silicone sealant. Guarantees greater hermetic sealing Pkg: 150m</i></p>
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	<p>AGP 7007</p> <p>Guarnizione vetro esterna da 3mm, filo alluminio, consente la piega a 90° senza taglio Cfz: 250m</p> <p><i>External glazing seal, 3mm, installed flush with aluminum. Can be bent at a 90° angle without cutting Pkg: 250m</i></p>
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	<p>AGP 40131</p> <p>Guarnizione sottovetro in polietilene espanso Cfz: 100m</p> <p><i>Expanded polystyrene glazing strip Pkg: 100m</i></p>
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	<p>AGP 62172</p> <p>Guarnizione battuta centrale in EPDM coestruso Cfz: 50m</p> <p><i>EPDM coextruded standard fin seal Pkg: 50m</i></p>
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	<p>AGP 62185</p> <p>Angolo vulcanizzato per AGP 62172, 45X45mm Cfz: 400 pz</p> <p><i>Vulcanized corner for AGP 62172, 45X45mm Pkg: 400 pcs</i></p>
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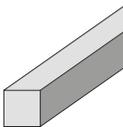
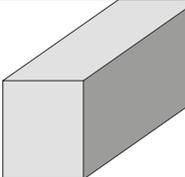
	<p>AGP 4009</p> <p>Guarnizione sottoporta per anta a girare. Abbinare al profilo PL 2059 Cfz: 200m</p> <p><i>Under door gasket for side-hung door Pkg: 200m</i></p>
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	<p>AGP 7202</p> <p>Guarnizione sottoporta Cfz: 100m</p> <p><i>Under door gasket Pkg: 100m</i></p>
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	<p>AGP 6502</p> <p>Guarnizione supplementare per soglia ribassata Planet 62 UP, da abbinare alla AGP 62172 Cfz: 100m</p> <p><i>Additional seal for low threshold Planet 62 UP, combined with AGP 62172 Pkg: 100m</i></p>
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	<p>AGP 4807</p> <p>Spazzolino dim. 4,8X7mm per sottoporta Cfz: 100m</p> <p><i>Under door brush strip 4,8 X7mm Pkg: 100m</i></p>
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ELENCO ACCESSORI GENERICI

	<p>AGP 5806</p> <p>Spazzolino dim. 5,8X6mm per profili monoblocco Cfz: 100m</p> <p><i>Brush strip 5,8X6mm for single-unit profiles Pkg: 100m</i></p>
	<p>AGP 5813</p> <p>Spazzolino dim. 5,8X13mm per celino monoblocco Cfz: 100m</p> <p><i>Brush strip 5,8X13mm for single-unit profiles Pkg: 100m</i></p>
	<p>AGP 6203</p> <p>Listello in PUR 10x10mm Cfz: 1m</p> <p><i>PUR strip 10x10mm Pkg: 1m</i></p>
	<p>AGP 6204</p> <p>Listello in PUR 21,6x26,7mm Cfz: 1m</p> <p><i>PUR strip 21,6x26,7mm Pkg: 1m</i></p>
	<p>TAC 1000</p> <p>Astina in poliammide Disponibile in grigio e nero Cfz: 250m</p> <p><i>PA rod. Available in color grey and black Pkg: 250m</i></p>
	<p>ACP 5058</p> <p>Rotella inserimento guarnizione centrale Cfz: 1pz</p> <p><i>Gasket fitting roller Pkg: 1pcs</i></p>

	<p>AC 2099</p> <p>Tappino chiudiforo Ø11,5mm Cfz: 1000pz</p> <p><i>Hole-closing cap Ø11,5mm Pkg: 1000pcs</i></p>
	<p>ACP 5027</p> <p>Gommino di bloccaggio per fermavetri a contrasto Cfz: 100pz</p> <p><i>Glazing bead locking rubber strip Pkg: 100pcs</i></p>
	<p>ACP 5035</p> <p>Regolo a muro in nylon Cfz: 250pz</p> <p><i>Nylon wall spacer Pkg: 250pcs</i></p>
	<p>ACP 5036</p> <p>Regolo a muro in metallo Cfz: 100pz</p> <p><i>Metal wall spacer Pkg: 100pcs</i></p>
	<p>ACP 50128</p> <p>Cappetta scarico acqua in nylon. Disponibile nei colori: nero, RAL 9010 e RAL 1013 Cfz: 100pz</p> <p><i>Nylon drainage plug, black Pkg: 100pcs</i></p>

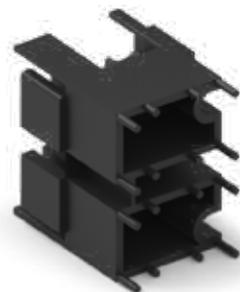
	ACP 50128C
	<p>Cover in alluminio, da abbinare ad ACP 50128. Disponibile in tutte le finiture, verniciate ed ossidate Cfz: 100pz</p> <p><i>Alluminium cover to ACP 50128 Pkg: 100pcs</i></p>

	ACP 50119
	<p>Kit tappi inversione bilico orizzontale per TT 6120 Cfz: 1kit</p> <p><i>Horizontal pivot plug for TT 6120 Pkg: 1kit</i></p>

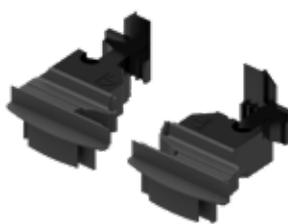
	ACP 6272
	<p>Tappo sotto porta per UP 61835 Cfz: 20cp</p> <p><i>Plug for UP 61835 Pkg: 20pairs</i></p>

	ACP 50119V
	<p>Kit tappi inversione bilico verticale per TT 6120 Cfz: 1kit</p> <p><i>Vertical pivot plug for TT 6120 Pkg: 1kit</i></p>

	ACP 6273
	<p>Tappo sotto porta per UP 61837 Cfz: 20cp</p> <p><i>Plug for UP 61837 Pkg: 20pairs</i></p>

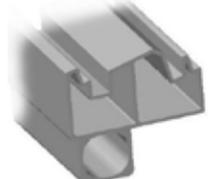
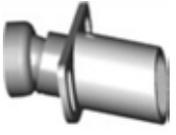
	ACP 5525
	<p>Tappo anti intestatura per profili vetro infilare spazio vetro 30mm Cfz: 50pz</p> <p><i>Plug for beadless glazing profiles Pkg: 50pcs</i></p>

	ACP 6274
	<p>Tappo sotto porta per UP 61813 Cfz: 20cp</p> <p><i>Plug for UP 61813 Pkg: 20pairs</i></p>

	ACP 62180 M
	<p>Tappo riporto centrale Planet 62 UP per versione giunto aperto Cfz: 20cp</p> <p><i>Plug for Planet 62 UP central connection profile Pkg: 20pairs</i></p>

	ACP 50115
	<p>Tappo terminale sotto porta per anta a girare. Abbinare con profilo PL 2059 e guarnizione AGP 4009 Cfz: 1cp</p> <p><i>Plug under door for side-hung door. Combinet with PL 2059 and AGP 4009 Pkg: 1pair</i></p>

	ACP 62178 M
	<p>Tappo riporto centrale Planet 62 UP versione doppia battuta Cfz: 20cp</p> <p><i>Plug for Planet 62 UP central connection profile, double rebate version Pkg: 20pairs</i></p>

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

	ACP 5095
	<p>Inviti guida tapparella Cfz: 50pz</p> <p><i>Roller shutter guide supports Pkg: 50pcs</i></p>

	ACP 50117S
	<p>Mensola sinistra per supporto a squadra ACP 50220 Cfz: 1pz</p> <p><i>Left bracket for square support ACP 50220 Pkg: 1pcs</i></p>

	ACP 50010
	<p>Avvolgitore senza placca Cfz: 1pz</p> <p><i>Winder without plate Pkg: 1pcs</i></p>

	ACP 50220
	<p>Supporto a squadra 46X10mm rullo tapparella Cfz: 1pz</p> <p><i>Square bracket 46x10mm for rolling shutter Pkg: 1pcs</i></p>

	ACP 50011
	<p>Placca per avvolgitore Cfz: 1pz</p> <p><i>Plate for winder Pkg: 1pcs</i></p>

	ACP 50704
	<p>Cassetta semi incasso Cfz: 1pz</p> <p><i>Semi-embedded box Pkg: 1pcs</i></p>

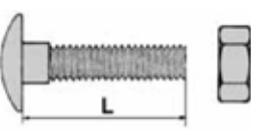
	ACP 50095
	<p>Guida cinghia a cassonetto Cfz: 1pz</p> <p><i>Box belt guide Pkg: 1pcs</i></p>

	ACP 50705
	<p>Avvolgitore con placca nera per cinghia tapparella Cfz: 1pz</p> <p><i>Winder with black plate for roller shutter belt Pkg: 1pcs</i></p>

	ACP 50117D
	<p>Mensola destra per supporto a squadra ACP 50220 Cfz: 1cp</p> <p><i>Right bracket for square support ACP 50220 Pkg: 1pair</i></p>

	ACP 50825
	<p>Puleggia da 180mm Cfz: 1pz</p> <p><i>180mm pulley Pkg: 1pcs</i></p>

ELENCO ACCESSORI PER GIUNZIONE

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

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

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

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

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

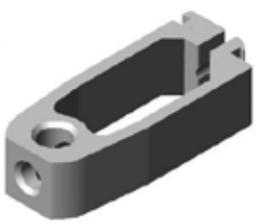
	ACP 5084
	<p>Squadretta allineamento con vite di tiraggio per telai e imbotti Cfz: 250 pz</p> <p><i>Alignment corner bracket with tightening screw for frames and wall profiles Pkg: 250 pcs</i></p>

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

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

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

	ACP 50127
	<p>Squadretta allineamento da incollare Cfz: 250 pz</p> <p><i>Alignment bracket to glue Pkg: 250 pcs</i></p>

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

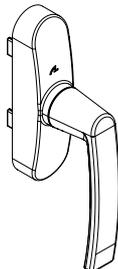
	<p>ACP 50454</p> <p>Cavallotto a scatto doppio in estruso Cfz: 100 pz</p> <p><i>Extruded aluminium snap cross junction for transoms Pkg: 100 pcs</i></p>		<p>ACP 5521</p> <p>Cavallotto a pulsante 23X14mm in pressofuso Cfz: 250 coppie</p> <p><i>Cross junction 23x14mm, die-cast, with push-button Pkg: 250 pairs</i></p>
	<p>ACP 5501</p> <p>Squadretta maggiorata 23X35mm a pulsante Cfz: 250 pz</p> <p><i>Oversized bracket 23x35mm with push-button Pkg: 250 pcs</i></p>		<p>ACP 7001</p> <p>Squadretta piccola multifunzione 17.5X15mm avvitare, spinare e cianfrinare Cfz: 250 pz</p> <p><i>Multi-purpose bracket 17.5x15mm, screwing, broaching and crimping Pkg: 250 pcs</i></p>
	<p>ACP 5502</p> <p>Squadretta piccola a bottone 17.5X15mm Cfz: 250 pz</p> <p><i>Bracket 17.5x15mm with push-button Pkg: 250 pcs</i></p>		<p>ACP 5801 M</p> <p>Squadretta 23X14mm multifunzione, avvitare, spinare e cianfrinare Cfz: 200 pz</p> <p><i>Multi-purpose bracket 23x14mm, screwing, broaching and crimping Pkg: 200 pcs</i></p>
	<p>ACP 5504</p> <p>Squadretta 23X14mm estrusa angolo variabile min. 30° max.178° Cfz: 20 pz</p> <p><i>Bracket 23x14mm, variable angle, min 30° max 178° Pkg: 20 pcs</i></p>		<p>ACP 5802</p> <p>Squadretta maggiorata 23X35mm multifunzione, avvitare, spinare e cianfrinare Cfz: 100 pz</p> <p><i>Multi-purpose bracket 23x135mm, screwing, broaching and crimping Pkg: 100 pcs</i></p>
	<p>ACP 5506</p> <p>Squadretta maggiorata 23X35mm estrusa angolo variabile min. 55° max.315° Cfz: 20 pz</p> <p><i>Oversized bracket 23x35mm, variable angle, min 55° max 315° Pkg: 20 pcs</i></p>		<p>ACP 5805</p> <p>Squadretta pressofusa 23X14mm angolo variabile min.60° max 120° Cfz: 20 pz</p> <p><i>Bracket 23x14mm variable angle - strong min 60° max 120° Pkg: 20 pcs</i></p>

ELENCO ACCESSORI DI CHIUSURA

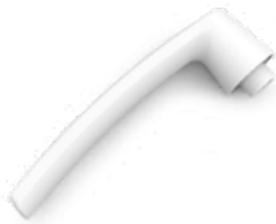
	<p>ACP 5821</p> <p>Cavalotto 23X14mm in pressofuso con grano e codulo Cfz: 250 pz</p> <p><i>Cross junction 23x14mm die-cast with dowel and shank Pkg: 250 pcs</i></p>
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	<p>ACP 50425</p> <p>Cavalotto cava fermavetro per inglesine Cfz: 1 pz</p> <p><i>Clamp glazing bead for inglesine Pkg: 1 pcs</i></p>
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	<p>ACP 50252</p> <p>Martellina Aurora 0°-90°-180° quadro 7mm Cfz: 10 pz</p> <p><i>Aurora Martellina handle 0°- 90°-180° Pkg: 10 pcs</i></p>
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	<p>ACP 50400</p> <p>Cremonese Aurora bidirezionale Cfz: 10 pz</p> <p><i>Bidirectional Cremonese Aurora handle Pkg: 10 pcs</i></p>
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	<p>ACP 50401</p> <p>Cremonese Aurora monodirezionale per anta ribalta e scorrevole parallelo Cfz: 10 pz</p> <p><i>Monodirectional Cremonese Aurora handle for tilt & turn and parallel slide Pkg: 10 pcs</i></p>
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	<p>ACP 50432</p> <p>Impugnatura per cremonese Aurora ACP 50433/50434 Cfz: 20 pz</p> <p><i>Cremonese Aurora handle for ACP 50433/50434 Pkg: 20 pcs</i></p>
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	<p>ACP 50433</p> <p>Cremonese Aurora bidirezionale senza impugnatura Cfz: 10 pz</p> <p><i>Bidirectional Cremonese Aurora handle Pkg: 10 pcs</i></p>
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	ACP 50434
	<p>Cremonese Aurora monodirezionale senza impugnatura Cfz: 10 pz</p> <p><i>Monodirectional Cremonese Aurora handle Pkg: 10 pcs</i></p>

	ACP 50310
	<p>Maniglia EXENS linea tonda Cfz: 10 pz</p> <p><i>EXENS Rounded handle Pkg: 10 pcs</i></p>

	ACP 50318
	<p>Doppia maniglia EXENS linea Aurora per porte Cfz: 10cp</p> <p><i>Double Aurora EXENS handle for door Pkg: 10 pair</i></p>

	ACP 50321
	<p>Maniglia EXENS linea tonda con chiave Cfz: 10 pz</p> <p><i>Rounded key-handle without plate Pkg: 10 pcs</i></p>

	ACP 50445
	<p>Blocchetti collegamento cremonese in poliammide grigia Cfz: 160 pz</p> <p><i>Grey polyamide connection pieces for Cremonese handle Pkg: 160 pcs</i></p>

	ACP 50313
	<p>Maniglia EXENS squadrata Cfz: 10 pz</p> <p><i>EXENS squared handle Pkg: 10 pcs</i></p>

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

	ACP 50322
	<p>Maniglia EXENS linea squadrata con chiave Cfz: 10 pz</p> <p><i>Squared key-handle without plate Pkg: 10 pcs</i></p>

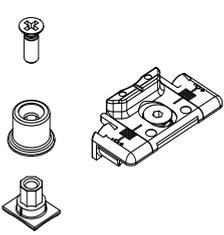
	ACP 50330
	<p>Maniglia EXENS linea Aurora quadro 7mm Cfz: 10 pz</p> <p><i>EXENS Aurora line square 7mm Pkg: 10 pcs</i></p>

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

	ACP 50341
	<p>Basetta copricilindro per doppia maniglia Aurora Cfz: 20 pz</p> <p><i>Base for cylinder dust cap for Aurora double handle</i> Pkg: 10 pcs</p>

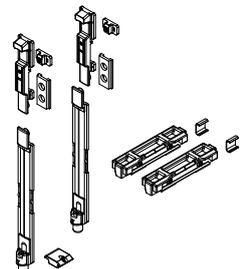
	ACP 50482
	<p>Incontro asta doppio in nylon nero Cfz: 100 pz</p> <p><i>Metal single rod keeper</i> Pkg: 100 pcs</p>

	ACP 50422
	<p>Catenacciolo in nylon grigia Cfz: 20 pz</p> <p><i>Grey nylon bolt</i> Pkg: 20 pcs</p>

	ACP 50421
	<p>Punto di chiusura registrabile in zama Cfz: 10 kit</p> <p><i>Adjustable locking point</i> Pkg: 10 kit</p>

	ACP 50525
	<p>Terminale asta in poliammide grigia Cfz: 50 pz</p> <p><i>Rod terminal</i> Pkg: 50 pcs</p>

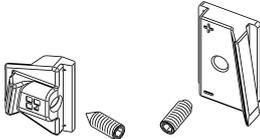
	ACP 50226
	<p>Piastrina sostegno anta in poliammide grigia Cfz: 500 pz</p> <p><i>Plastic support for leaf</i> Pkg: 500 pcs</p>

	ACP 50452
	<p>Kit catenacci in zama anta abbinata per battente standard e anta ribalta (con terminale registrabile e 2 incontri). Cfz: 10 kit</p> <p><i>Zamak bolt kit for matching leaf for standard and tilt leaf (with adjustable and piece and 2 strikers)</i> Pkg: 10 kits</p>

	ACP 50312
	<p>Movimento bidirezionale per maniglia EXENS Cfz: 1 pz</p> <p><i>EXENS bidirectional mechanism for EXENS handle</i> Pkg: 1 pcs</p>

	ACP 50582
	<p>Incontro asta singolo in nylon nero Cfz: 100 pz</p> <p><i>Nylon keeper single rod</i> Pkg: 100 pcs</p>

	ACP 50267
	<p>Meccanismo martellina bidirezionale per bilico Ent. 23/35 mm. Abbinare con ACP 50268 Cfz: 20 pz</p> <p><i>Bidirectional Martellina handle mechanism for pivot window</i> Pkg: 20 pcs</p>

	<p>ACP 50268</p> <p>Perno di collegamento per ACP 50267 L = 31 mm Cfz: 100 pz</p> <p><i>Connecting pin for ACP50267, L=31mm Pkg: 100 pcs</i></p>		<p>ACP 51454</p> <p>Rostro per ferramenta standard Cfz: 50 pz</p> <p><i>Rostrum for standard hardware Pkg: 50 pcs</i></p>
	<p>ACP 5199N</p> <p>Meccanismo martellina bidirezionale per battente, quadro 7mm Cfz: 10 pz</p> <p><i>Bidirectional handle mechanism for casement windows, 7mm Pkg: 10 pcs</i></p>		<p>ACP 9918 N</p> <p>Cerniera Strong EVO a 2 ali per telai piani Portata: 120 Kg (2 cerniere) 150 Kg (3 cerniere) Cfz: 20 pz</p> <p><i>2-wing Strong EVO hinge for flat frame Pkg: 20 pcs</i></p>
	<p>ACP 50475</p> <p>Kit finestra battente 1 anta in poliammide grigia: blocchetti di collegamento, incontri, terminali asta, piastrino sostegno anta, piastrini chiudi cerniere Cfz: 10 kit</p> <p><i>1-leaf casement windows kit Pkg: 10 kits</i></p>		<p>ACP 9938 N</p> <p>Cerniera Strong EVO a 2 ali, 3° anta e telai complanari Portata: 120 Kg (2 cerniere) 150 Kg (3 cerniere) Cfz: 20 pz</p> <p><i>2-wing 3rd leaf and flat frame Strong EVO hinge Pkg: 20 pcs</i></p>
	<p>ACP 50405</p> <p>Cerniera premontata, per telai piani. Cfz: 50 pz</p> <p><i>Hinge for flat frames. Pkg: 50 pcs</i></p>		<p>ACP 9963/60</p> <p>Cerniera frontale, 3 ali interasse 60mm Cfz: 10 pz</p> <p><i>3 wings frontal hinge, 60mm Pkg: 10 pcs</i></p>
	<p>ACP 50407</p> <p>Cerniera terza anta/ telai complanari piastrini premontati Cfz: 20 pz</p> <p><i>Third leaf hinge / coplanar frames with pre-assembled plates Pkg: 20 pcs</i></p>		<p>ACP 9963/93</p> <p>Cerniera frontale, 3 ali interasse 93 mm Cfz: 10 pz</p> <p><i>3 wings frontal hinge, 93mm Pkg: 10 pcs</i></p>

	ACP 9964/60
	<p>Cerniere frontale 2 ali interasse 60 mm Cfz: 20 pz</p> <p><i>2 wings frontal hinge, 60mm Pkg: 20 pcs</i></p>

	ACP 9964/93
	<p>Cerniere frontale 2 ali inte- rresse 93 mm Cfz: 20 pz</p> <p><i>2 wings frontal hinge, 93mm Pkg: 20 pcs</i></p>

	ACP 9909
	<p>Spessore 8mm per cerniere ad applicazione frontale Cfz: 50 pz</p> <p><i>8mm thickness for frontal hinges Pkg: 50 pcs</i></p>

	ACP 9915
	<p>Spessore 7mm per cerniere ad applicazione frontale Cfz: 50 pz</p> <p><i>7mm thickness for frontal hinges Pkg: 50 pcs</i></p>

	ACP 9941
	<p>Distanziatore 35-42mm per cerniere applicazione frontale su profili apertura esterna Planet 62 UP Cfz: 10 pz</p> <p><i>35-42mm thickness for frontal hinges - matching with putward opening profile Pkg: 10 pcs</i></p>

	ACP 9973
	<p>Kit fissaggio cerniere applicazione frontale 2 ali Cfz: 10 pz</p> <p><i>2-wings front hinge kit Pkg: 10 pcs</i></p>

	ACP 9974
	<p>Kit fissaggio cerniere applicazione frontale 3 ali Cfz: 10 pz</p> <p><i>3-wings front hinge kit Pkg: 10 pcs</i></p>

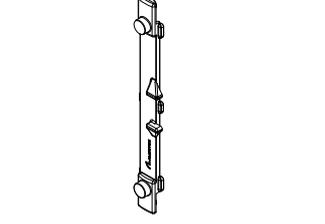
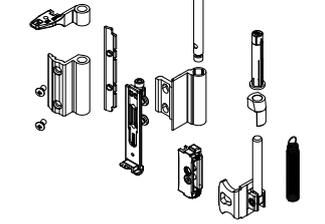
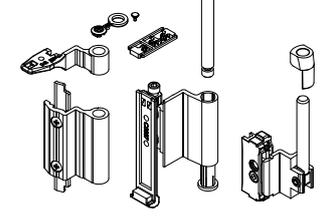
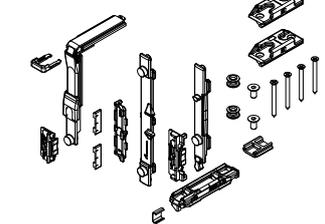
	ACP 9998
	<p>Dima di foratura per cerniere applicazione frontale Cfz: 1 pz</p> <p><i>Front hinge holes template Pkg: 1 pcs</i></p>

	ACP 5012
	<p>Cerniera vasistas scatto singolo Cfz: 10 cp</p> <p><i>Hinge, single snap for bottom hung open in Pkg: 10 pairs</i></p>

	ACP 5010
	<p>Cerniera vasistas doppio scatto Cfz: 20 cp</p> <p><i>Hinge, double snap for bottom hung Pkg: 20 couple pcs</i></p>

legenda / legend

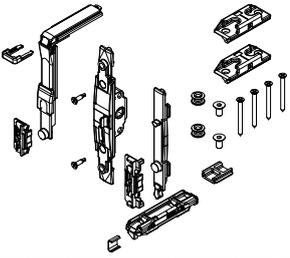
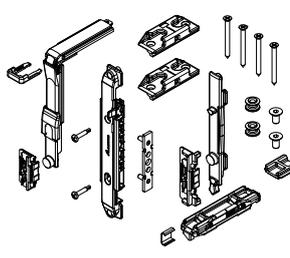
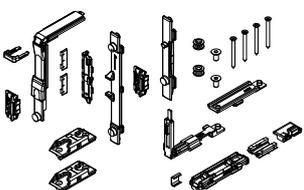
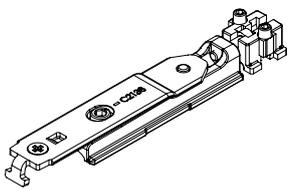
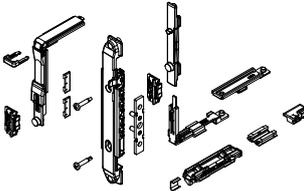
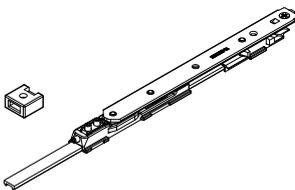
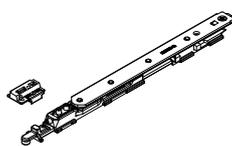
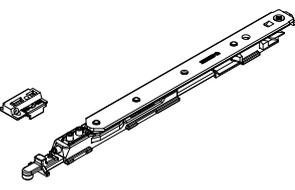
QAPE = quota anta punta esterna / external tip leaf share

	<p>ACP 5166</p> <p>SECRET VASISTAS Kit Cerniere per infissi fino a 2.500 mm di larghezza Portata: 250 kg Cfz: 10 kit</p> <p><i>SECRET - VASISTAS Hinges Kit for windows up to 2,500 mm wide. Capacity 250kg Pkg: 10 kit</i></p>		<p>ACP 5017</p> <p>Cricchetto vasistas applicazione rapida Cfz: 50 pz</p> <p><i>Quick fitting finger catch Pkg: 50 pcs</i></p>
	<p>ACP 5167</p> <p>SECRET Sostegno anta da abbinare al kit ACP 5166 Cfz: 10 kit</p> <p><i>SECRET - Support for leaf to combine with the ACP 5166 kit Pkg: 10 kit</i></p>		<p>ACP 50448</p> <p>Traino per cremone monodirezionale per scorrevole parallelo Cfz: 10 pz</p> <p><i>Towing for monodirectional cremone bolt for parallel sliding Pkg: 10 pcs</i></p>
	<p>ACP 50411</p> <p>Bracci sporgere telescopici a coppie Cfz: 10 coppie</p> <p><i>Top-hinged telescopic arms for projected windows Pkg: 10 pairs</i></p>		<p>ACP 50456</p> <p>Kit cerniere per anta abbinata telai piani (Sormonto interno) Cfz: 10 pz</p> <p><i>Hinge kit to combine leaf to flat frame Pkg: 10 pcs</i></p>
	<p>ACP 5165</p> <p>Braccio limitatore di apertura per battenti anta ribalta Standard e Secret e Vasistas (fino a 130 Kg) Cfz: 10 pz</p> <p><i>Limit stay arm for Standard and Secret and Vasistas tilt and turn hinges (up to 130 Kg) Pkg: 10 pcs</i></p>		<p>ACP 50457</p> <p>Kit cerniere per telai complanari Cfz: 1 pz</p> <p><i>T/T hinges for coplanar frames Pkg: 1 pcs</i></p>
	<p>ACP 5171</p> <p>Kit Vasistas per cerniere ACP 5166 Cfz: 10 pz</p> <p><i>Vasistas Kit for ACP 5166 hinges Pkg: 10 pcs</i></p>		<p>ACP 50476</p> <p>Kit a/r standard e secret con traino per cremone e 2 funghetti anti effrazione Cfz: 10 kit</p> <p><i>T/T kit with drive standard and secret for cremone bolt and 2 anti-burglary locking point Pkg: 10 kits</i></p>

CREMONESE

legenda / legend

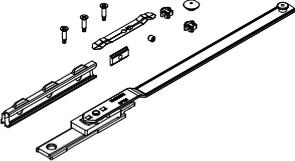
QAPE = quota anta punta esterna / external tip leaf share

 <p>MARTELLINA</p>	<p>ACP 50477</p> <p>Kit a/r standard e secret con meccanismo martellina e 2 funghetti anti effrazione Cfz: 10 kit</p> <p><i>T/T kit standard and secret with handle mechanism and 2 anti-burglary locking point Pkg: 10 kits</i></p>		<p>ACP 50446/538</p> <p>Braccio ribalta lungo ante da 701/1800mm da abbinare ad ACP 50476 e ACP 50477 - QAPE Cfz: 10 pz</p> <p><i>Long tilt arm for doors 701/1800mm Pkg: 10 pcs</i></p>
 <p>EXENS</p>	<p>ACP 50478</p> <p>Kit a/r standard e secret con meccanismo EXENS e 2 funghetti anti effrazione Cfz: 10 kit</p> <p><i>T/T kit standard and secret with EXENS mechanism and 2 anti-burglary locking point Pkg: 10 kits</i></p>	 <p>CREMONESE</p>	<p>ACP 50481</p> <p>Kit a/r con traino cremonese per manovra logica Cfz: 10 kit</p> <p><i>T/T kit with cremone bolt drive for logical maneuver Pkg: 10 kits</i></p>
	<p>ACP 50459</p> <p>Adattatore anta abbinata per cerniere ACP 50456 o ACP 50457 Cfz: 10 pz</p> <p><i>Matching door adapter for ACP 50456 and ACP 50457 hinges Pkg: 10 pcs</i></p>	 <p>EXENS</p>	<p>ACP 50323</p> <p>Kit a/r standard e secret con meccanismo EXENS per manovra logica Cfz: 10 kit</p> <p><i>T/T kit standard and secret with EXENS mechanism for logic operation Pkg: 10 kits</i></p>
	<p>ACP 50446/350</p> <p>Braccio ribalta extra corto ante da 350/410mm da abbinare ad ACP 50476 o ACP 50477 - QAPE Cfz: 10 pz</p> <p><i>Extra short tilt arm 350/410mm Pkg: 10 pcs</i></p>		<p>ACP 50546/415</p> <p>Braccio ribalta corto ante da 410/700mm manovra logica - QAPE Cfz: 10 pz</p> <p><i>Short tilting arm 410/700mm logic operation Pkg: 10 pcs</i></p>
	<p>ACP 50446/415</p> <p>Braccio ribalta corto ante da 410/700mm da abbinare ad ACP 50476 e ACP 50477 - QAPE Cfz: 10 pz</p> <p><i>Short tilt arm 410/700 mm Pkg: 10 pcs</i></p>		<p>ACP 50546/538</p> <p>Braccio ribalta lungo 550/1800mm manovra logica - QAPE Cfz: 10 pz</p> <p><i>Long tilting arm 550/1800mm logic operation Pkg: 10 pcs</i></p>

legenda / legend

MT+ML = sia manovra tradizionale, sia manovra logica / both traditional maneuver and logical maneuver

QAPE = quota anta punta esterna / external tip leaf share

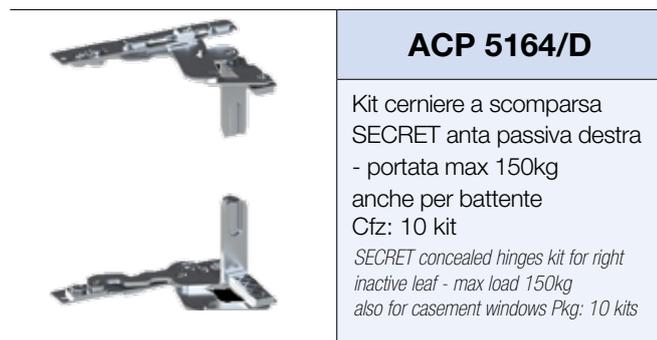
	<p>ACP 50447</p> <p>Kit catenacci per a/r standard (con prolunga alluminio) e secret Cfz: 10 kit</p> <p><i>Deadbolt kit for standard round trip (with aluminum extension) and secret</i> Pkg: 10 kits</p>		<p>ACP 5150/D</p> <p>Kit A/R con cerniere a scomparsa SECRET anta destra braccio corto - ante da 472-700 mm - MT+ML - QAPE - portata max 100kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, right, short arm</i> - 472-700 mm leaf - MT+ML - QAPE - Max load 100kg Pkg: 10 kits</p>
	<p>ACP 5153</p> <p>Braccio supplementare per a/r standard e secret per ante superiori a 1000mm Cfz: 5 kit</p> <p><i>Additional window arm for T/T standard and secret for L>1000mm</i> Pkg: 5 kits</p>		<p>ACP 5151/S</p> <p>Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio lungo - ante da 600-1500 mm (oltre 1100 mm abbinare a ACP 5153) - MT+ML - QAPE - portata max 100kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, left, long arm</i> - 600-1500 mm leaf (over 1100 mm combine with ACP 5153) - MT+ML - QAPE - Max load 100kg Pkg: 10 kits</p>
	<p>ACP 5198</p> <p>Meccanismo martellina monodirezionale per A/R, quadro 7mm Cfz: 10 pz</p> <p><i>Monodirectional handle mechanism for T/T windows</i> Pkg: 10 pcs</p>		<p>ACP 5151/D</p> <p>Kit A/R con cerniere a scomparsa SECRET anta destra braccio lungo - ante da 600-1500 mm (oltre 1100 mm abbinare a ACP 5153) - MT+ML - QAPE - portata max 100kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, right, long arm</i> - 600-1500 mm leaf (over 1100 mm combine with ACP 5153) - MT+ML - QAPE - Max load 100kg Pkg: 10 kits</p>
	<p>ACP 50311</p> <p>Movimento monodirezionale per maniglia EXENS Cfz: 1 pz</p> <p><i>EXENS monodirectional mechanism for EXENS handle</i> Pkg: 1 pcs</p>		<p>ACP 5150/S</p> <p>Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio corto - ante da 472-700 mm - MT+ML - QAPE - portata max 100kg Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, left, short arm</i> - 472-700 mm leaf - MT+ML - QAPE - Max load 100kg Pkg: 10 kit</p>

legenda / legend

MT+ML = sia manovra tradizionale, sia manovra logica / both traditional maneuver and logical maneuver

QAPE = quota anta punta esterna / external tip leaf share

	<p align="center">ACP 5161/D</p> <p>Kit cerniere a scomparsa SECRET anta passiva destra e anche per battente - portata max 100kg Cfz: 10 kit</p> <p><i>Secret concealed hinges, right and for casement windows Max load 100kg Pkg: 10 kits</i></p>		<p align="center">ACP 5162/S</p> <p>Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio corto - ante da 472-700 mm - portata max 150kg - MT+ML - QAPE Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, left, short arm - Max load 150kg Pkg: 10 kits</i></p>
	<p align="center">ACP 5161/S</p> <p>Kit cerniere a scomparsa SECRET anta passiva sinistra e anche per battente - portata max 100kg Cfz: 10 kit</p> <p><i>Secret concealed hinges, left and for casement windows Max load 100kg Pkg: 10 kits</i></p>		<p align="center">ACP 5163/D</p> <p>Kit A/R con cerniere a scomparsa SECRET anta destra braccio lungo - ante da 600-1500mm (oltre 1000mm abbinare a ACP 5153) - portata max 150kg - MT+ML - QAPE Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, right, long arm - Max load 150kg Pkg: 10 kits</i></p>
	<p align="center">ACP 5162/D</p> <p>Kit A/R con cerniere a scomparsa SECRET anta destra braccio corto - ante da 472-700 mm - portata max 150kg - MT+ML - QAPE Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, right, short arm - Max load 150kg Pkg: 10 kits</i></p>		<p align="center">ACP 5163/S</p> <p>Kit A/R con cerniere a scomparsa SECRET anta sinistra braccio lungo - ante da 600-1500mm (oltre 1000mm abbinare a ACP 5153) - portata max 150kg - MT+ML - QAPE Cfz: 10 kit</p> <p><i>Secret tilt and turn mechanism with concealed hinges, left, long arm - Max load 150kg Pkg: 10 kits</i></p>

**ACP 5164/D**

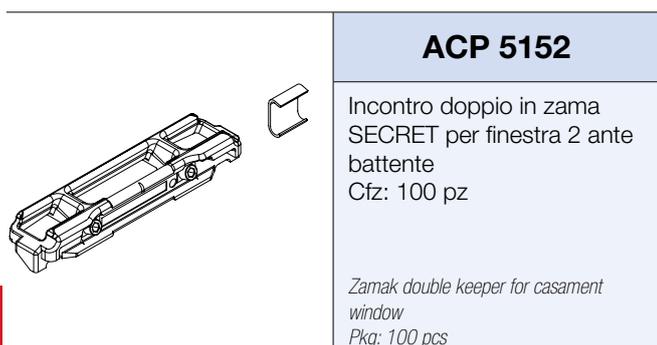
Kit cerniere a scomparsa
SECRET anta passiva destra
- portata max 150kg
anche per battente
Cfz: 10 kit

*SECRET concealed hinges kit for right
inactive leaf - max load 150kg
also for casement windows Pkg: 10 kits*

**ACP 5164/S**

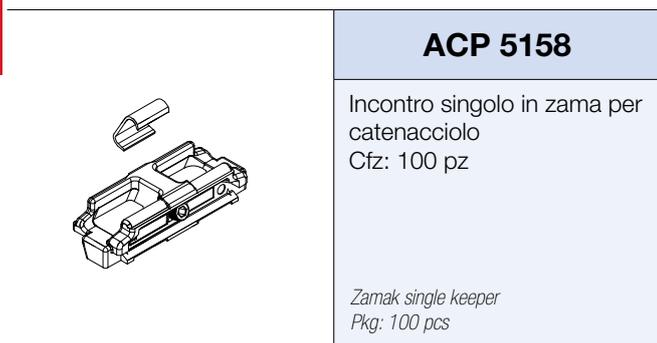
Kit cerniere a scomparsa
SECRET anta passiva sinistra
- portata max 150kg
anche per battente
Cfz: 10 kit

*SECRET concealed hinges kit for left
inactive leaf - max load 150kg
also for casement windows Pkg: 10 kits*

**ACP 5152**

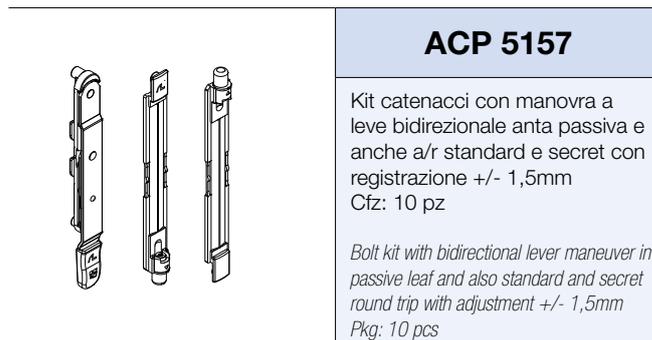
Incontro doppio in zama
SECRET per finestra 2 ante
battente
Cfz: 100 pz

*Zamak double keeper for casement
window
Pkg: 100 pcs*

**ACP 5158**

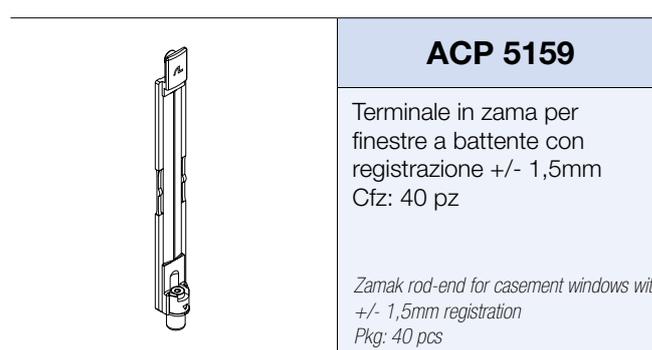
Incontro singolo in zama per
catenacciolo
Cfz: 100 pz

*Zamak single keeper
Pkg: 100 pcs*

**ACP 5157**

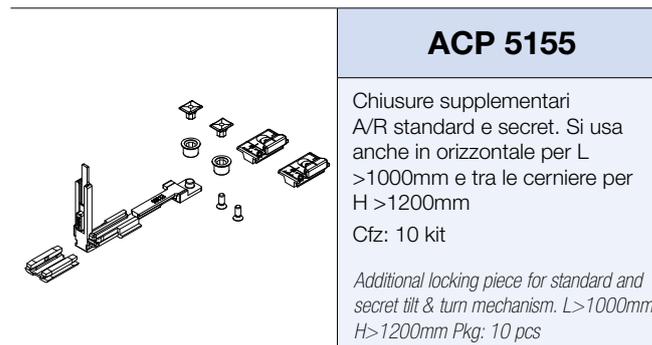
Kit catenacci con manovra a
leve bidirezionale anta passiva e
anche a/r standard e secret con
registrazione +/- 1,5mm
Cfz: 10 pz

*Bolt kit with bidirectional lever maneuver in
passive leaf and also standard and secret
round trip with adjustment +/- 1,5mm
Pkg: 10 pcs*

**ACP 5159**

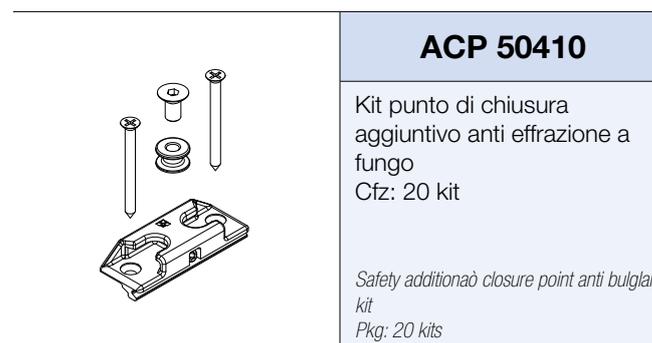
Terminale in zama per
finestre a battente con
registrazione +/- 1,5mm
Cfz: 40 pz

*Zamak rod-end for casement windows with
+/- 1,5mm registration
Pkg: 40 pcs*

**ACP 5155**

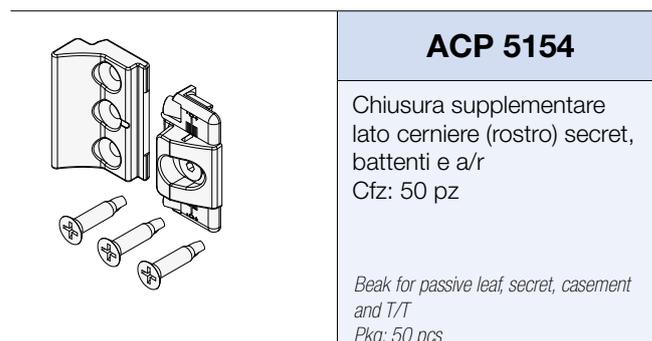
Chiusure supplementari
A/R standard e secret. Si usa
anche in orizzontale per L
>1000mm e tra le cerniere per
H >1200mm
Cfz: 10 kit

*Additional locking piece for standard and
secret tilt & turn mechanism. L>1000mm
H>1200mm Pkg: 10 pcs*

**ACP 50410**

Kit punto di chiusura
aggiuntivo anti effrazione a
fungo
Cfz: 20 kit

*Safety additional closure point anti burglary
kit
Pkg: 20 kits*

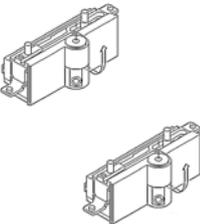
**ACP 5154**

Chiusura supplementare
lato cerniere (rostro) secret,
battenti e a/r
Cfz: 50 pz

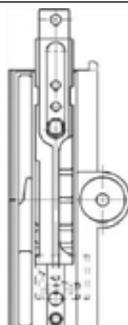
*Beak for passive leaf, secret, casement
and T/T
Pkg: 50 pcs*

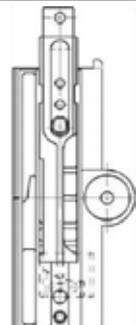
	ACP 5156
	<p>Catenaccio anta passiva a spinta per battenti, a/r, standard e secret. Cfz: 10 pz</p> <p><i>Bolt for passive leaf, casement windows, T/T standard and secret</i> Pkg: 10 pcs</p>

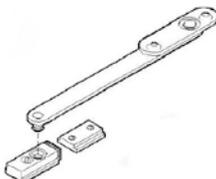
	ACP 5092
	<p>Kit cerniera a frizione bilico orizzontale portata 175kg Cfz: 1 kit (1 coppia)</p> <p><i>Kit hinge friction joint for horizontal pivot window, capacity 175kg</i> Pkg: 1 kit (1 pair)</p>

	ACP 5092V
	<p>Kit cerniera a frizione bilico verticale portata 175kg. Abbinare asta di trasmissione ACP 50102 dx o sx Cfz: 1 kit (1 coppia)</p> <p><i>Friction joint for horizontal pivot window, capacity 175kg</i> Pkg: 1 kit (1 pair)</p>

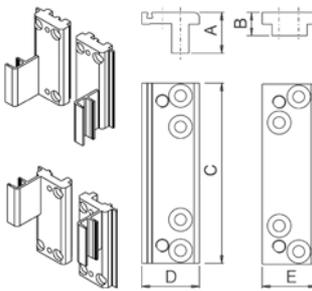
	ACP 5094
	<p>Spessore in acciaio inox di compenso tra frizione bilico ACP 5092 e ACP 5092V e profilo anta bilico Cfz: 1 pz (occorrono 2 per kit)</p> <p><i>Steel thickness between pivot clutch ACP 5092 and ACP 5092V and pivot leaf profile</i> Pkg: 1 pcs (needed 2 per kit)</p>

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

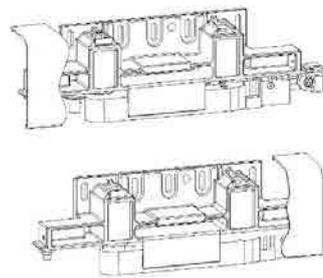
	ACP 50102S
	<p>Asta di trasmissione per frizione ACP 5092V per bilico verticale sinistro Cfz: 1 pz</p> <p><i>Transmission rod for friction joint ACP 5092V left vertical pivot</i> Pkg: 1 pcs</p>

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

	ACP 5091M
	<p>Frizione bilico senza piastre portata per bilico orizzontale 120kg, per bilico verticale 100kg Cfz: 4pz</p> <p><i>Pivoting clutch without plates</i> Pkg: 4 pcs</p>

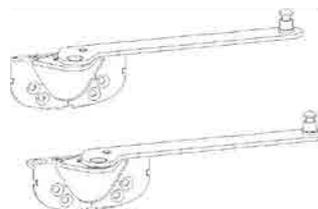
	ACP 5100
	<p>Set piastre per bilico frizione Dimensioni: 10,75x17,5x69,8mm 21,5x22,5x69,8mm Cfz: 4pz</p> <p><i>Clutch balance plates set</i> Pkg: 4 pcs</p>

	ACP 50458
	<p>Kit chiusura 6 punti per bilico/scorrevole parallelo. Cfz: 1 kit</p> <p><i>Pivot closer 6 locking piece set.</i> Pkg: 1 kit</p>

**ACP 50159D**

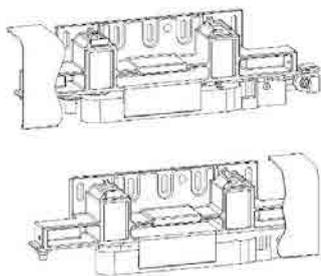
Kit base scorrevole parallelo dx portata 150kg per anta
Cfz: 1 kit

*Parallel slide base kit, right, capacity 150Kg per leaf
Pkg: 1 kit*

**ACP 50161/1200**

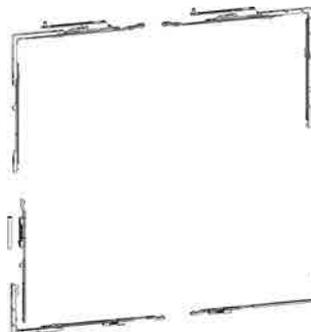
Kit forbici scorrevole parallelo soluzione manuale per ante fino a L 1200mm, abbinare ad ACP 50165
Cfz: 1 kit

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

**ACP 50159S**

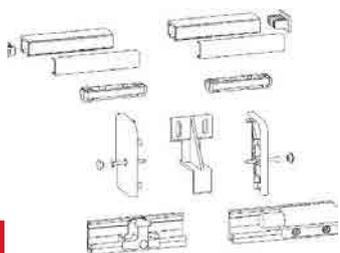
Kit base scorrevole parallelo sx portata 150kg per anta
Cfz: 1 kit

*Parallel slide base kit, right, capacity 150Kg per leaf
Pkg: 1 kit*

**ACP 50162**

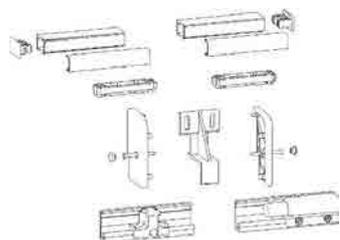
Kit forbici scorrevole parallelo soluzione automatica per ante, fino a L 1600mm di anta utilizzare ACP 50159, da 1600 a 2000 mm occorrono carrelli con portata 180 Kg
Cfz: 1 kit

*Developed scissor sliders kit for leaf up to 2000mm. Up to 1600mm matching with ACP 50165. From 1600 to 2000mm, use track with capacity 180kg.
Pkg: 1 kit*

**ACP 50160/1100**

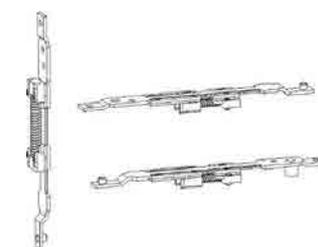
Kit binari per scorrevole parallelo L anta = da 851mm a 1100mm
Cfz: 1 kit

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

**ACP 50160/1350**

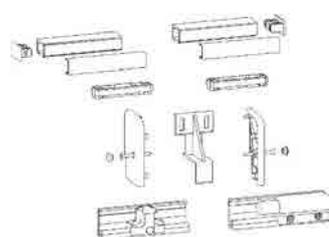
Kit binari per scorrevole parallelo L anta = da 1101mm a 1350mm
Cfz: 1 kit

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

**ACP 50163**

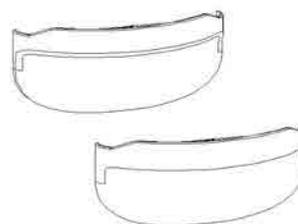
Kit accessori per trasformare il kit manuale ACP 50161 in semiautomatico
Cfz: 1 kit

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

**ACP 50160/1600**

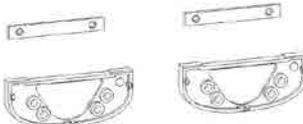
Kit binari per scorrevole parallelo L anta = da 1351mm a 1600mm
Cfz: 1 kit

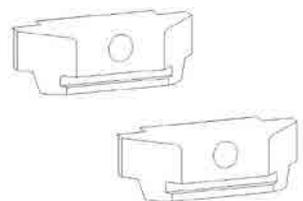
*Parallel slide track kit L=1351 to 1600mm
Pkg: 1 kit*

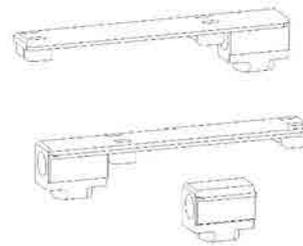
**ACP 50164**

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

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

	<p style="text-align: center;">ACP 50165</p> <p>Spessori per forbici per ACP 50161/1260 o ACP 50162 Cfz: 1 kit</p> <p><i>Thickness matching with ACP 50161/1200 or ACP 50162 Pkg: 1 kit</i></p>
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	<p style="text-align: center;">ACP 50166</p> <p>Placchetta di fermo - per trasformare il kit forbici manuale in semiautomatico da abbinare ad ACP 50163 Cfz: 1 pz</p> <p><i>Plate to make semiautomatic the developed scissor sliders kit - matching with ACP 50163 Pkg: 1 pcs</i></p>
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	<p style="text-align: center;">ACP 50167</p> <p>Kit supplementare al kit ACP 50161 per ante oltre L 1200mm da abbinare alle astine ACP 50168 e ACP 50169 Cfz: 1 kit</p> <p><i>Additional kit matching with ACP 50168 and ACP 50169, leaf up to 1200mm Pkg: 1 kit</i></p>
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	<p style="text-align: center;">ACP 50168</p> <p>Astina per kit ACP 50167 supplementare per ante da L 1201mm fino a 1350mm Cfz: 1 pz</p> <p><i>Rod for additional kit, leaf 1201mm to 1350mm Pkg: 1 pcs</i></p>
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	<p style="text-align: center;">ACP 50169</p> <p>Astina per kit ACP 50167 supplementare per ante da L 1351mm fino a 1600mm Cfz: 1 pz</p> <p><i>Rod for additional kit, leaf 1351mm to 1600mm Pkg: 1 pcs</i></p>
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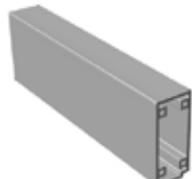
ELENCO ACCESSORI SIGILLATURA

	<p>AGP 5058</p> <p>Sigillante poliuretano bicomponente, cartuccia 415ml</p> <p><i>Two-component polyurethane sealant, 415ml cartridge</i></p>		<p>AGP 5073</p> <p>Sigillante per sigillatrice MCT PL TKE 259</p> <p><i>Sealant for MCT PL TKE 259 sealer</i></p>
	<p>AGP 5059</p> <p>Pistola manuale per sigillante bicomponente AGP 5058</p> <p><i>Manual gun for two-component sealant AGP 5058</i></p>		<p>MCT PL TKE 259</p> <p>Sigillatrice d'angoli automatica</p> <p><i>Automatic corner sealer</i></p>
	<p>AGP 5069</p> <p>Pistola pneumatica per sigillante bicomponente AGP 5058</p> <p><i>Pneumatic gun for two-component sealant AGP 5058</i></p>		
	<p>AGP 5079</p> <p>Pistola a batteria per sigillante bicomponente AGP 5058</p> <p><i>Battery gun for two-component sealant AGP 5058</i></p>		
	<p>AGP 5072</p> <p>Beccuccio Static Mixer per AGP 5058</p> <p><i>Static Mixer nozzle for AGP 5058</i></p>		

ELENCO ACCESSORI THERMOPOSA

	<p>AGP 5030/I</p> <p>Profilo portaintonaco per esterno con asole 250cm Cfz: 1 br</p> <p><i>Outdoor plaster profile Pkg: 1 rod</i></p>		<p>AGP 5036</p> <p>Schiuma poliuretana elastica fissaggio controtelaio ACP 6246 Cfz: 1 pz</p> <p><i>Elastic polyurethane foam for ACO 6246 Pkg: 1 pcs</i></p>
	<p>AGP 5031</p> <p>Profilo portaintonaco per interno con asole 250cm Cfz: 1 br</p> <p><i>Inner plaster profile Pkg: 1 rod</i></p>		<p>AGP 5037</p> <p>Nastro in schiuma di PVC per soglia e traverso inferiore Cfz: 20m</p> <p><i>PVC foam band for tramson e threshold Pkg: 20m</i></p>
	<p>AGP 5032</p> <p>Barriera vapore per controtelaio ACP 6246 Cfz: 30m</p> <p><i>Vapor barrier for ACP 6246 Pkg: 30m</i></p>		<p>AGP 5035/...</p> <p>Sigillante MS Polimero bianco, marrone, grigio o nero Cfz: 1 pz</p> <p><i>MS Polymer Sealant Pkg: 1 pcs</i></p>
	<p>AGP 5033</p> <p>Nastro precompresso BG1 da 15mm per sigillatura della battuta Cfz: 15m</p> <p><i>BG1 beat sealing, 15mm Pkg: 15m</i></p>		<p>ACP 6246/25</p> <p>Controtelaio Thermopro 72mm, battuta 25 rifilabile Cfz: 3m</p> <p><i>Thermopro Subframe 72mm, beat 25 Pkg: 3m</i></p>
	<p>AGP 5034/25</p> <p>Nastro precompresso per posa in battuta per sigillatura della spalla Cfz: 7m</p> <p><i>Band for laying batting, wall sealing Pkg: 7m</i></p>		<p>ACP 6246/49</p> <p>Controtelaio Thermopro 72mm, battuta 49 rifilabile Cfz: 3m</p> <p><i>Thermopro Subframe 72mm, beat 49 Pkg: 3m</i></p>

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

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

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

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

	ACP 6257
	<p>Piastra di allineamento per controltaio ACP 6246 Cfz: 1 pz</p> <p><i>Alignment plate for ACP 6246</i> Pkg: 1 pcs</p>

	ACP 6255
	<p>Zanche per fissaggio del controltaio for ACP 6246 Cfz: 1 pz</p> <p><i>Clamps for fixing of subframe</i> Pkg: 1 pcs</p>

	ACP 6256
	<p>Squadretta angolare per controltaio ACP 6246 Cfz: 1 pz</p> <p><i>Corner cleat for ACP 6246</i> Pkg: 1 pcs</p>

	ACP 6258
	<p>Squadretta di rinforzo per controltaio ACP 6246 Cfz: 1 pz</p> <p><i>Reinforced bracket for ACP 6246</i> Pkg: 1 pcs</p>

	ACP 6259
	<p>Rinforzo tubolare aperto in acciaio 12x40mm per controltaio ACP 6246 Cfz: 1 pz</p> <p><i>Steel tubular reinforcement 12x40mm for ACP 6246</i> Pkg: 1 pcs</p>



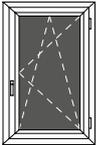
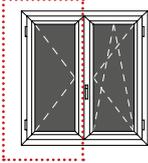
	ACP 1000/50	ACP 1000/70	ACP 1000/80	ACP 1000/90
	Vite TORX testa cilindrica T30 7,5x50 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	Vite TORX testa cilindrica T30 7,5x70 Cfz: 100 pz <i>Screw with socket head Pkg: 100 pcs</i>	Vite TORX testa cilindrica T30 7,5x80 Cfz: 100 pz <i>Screw with socket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

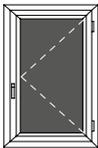


	ACP 1001/50	ACP 1001/70	ACP 1001/80	ACP 1001/90
	Vite TORX testa svasata T30 7,5x50 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	Vite TORX testa svasata T30 7,5x70 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>	Vite TORX testa svasata T30 7,5x80 Cfz: 100 pz <i>Countersunk screw Pkg: 100 pcs</i>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

Composizione dei kit per applicazione della ferramenta STANDARD LINE

Standard Line kit

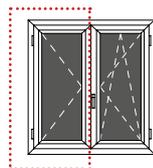
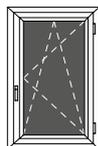
Tipologia	Soluzione con Cremonese		
ANTA RIBALTA 	Articolo	Descrizione	Q.tà
	ACP 50476	Kit A/R standard per cremonese / T/T kit with drive for cremonese bolt	1
	ACP 50401	Cremonese AURORA per A/R / Monodirectional Cremonese Aurora handle for tilt & turn	1
	ACP 50456	Cerniera A/R Telai Piani / T/T hinges for flat frames	1
	ACP 50457	Cerniera A/R Telai Complanari / T/T hinges for coplanar frames	1
	ACP 50446/350	Braccio A/R / Extra short tilt arm	1
	ACP 50446/415	Braccio A/R / Extra short tilt arm	1
	ACP 50446/538	Braccio A/R / Extra short tilt arm	1
	ACP 5153	Braccio supplementare / Additional window arm	1
	ACP 5155	Chiusure supplementari / Tilt and turn kit	1
Soluzione con Martellina			
Articolo	Descrizione	Q.tà	
ACP 50477	Kit A/R standard per martellina / T/T kit with handle mechanism	1	
ACP 50552	Martellina Aurora quadro 7 / Aurora Martellina square 7 mm	1	
ACP 50330	Maniglia EXENS linea Aurora quadro 7 / EXENS Aurora line square 7mm	1	
ACP 50456	Cerniera A/R Telai Piani / T/T hinges for flat frames	1	
ACP 50457	Cerniera A/R Telai Complanari / T/T hinges for coplanar frames	1	
ACP 50446/350	Braccio A/R / Extra short tilt arm	1	
ACP 50446/415	Braccio A/R / Extra short tilt arm	1	
ACP 50446/538	Braccio A/R / Extra short tilt arm	1	
ACP 5153	Braccio supplementare / Additional window arm	1	
ACP 5155	Chiusure supplementari / Tilt and turn kit	1	
Soluzione con EXENS			
Articolo	Descrizione	Q.tà	
ACP 50478	Kit A/R standard per EXENS / T/T kit with EXENS mechanism	1	
ACP 50314	EXENS Aurora / Aurora EXENS handle	1	
ACP 50310	EXENS Tonda / EXENS Rounded handle	1	
ACP 50313	EXENS Squadrata / EXENS Squared handle	1	
ACP 50456	Cerniera A/R Telai Piani / T/T hinges for flat frames	1	
ACP 50457	Cerniera A/R Telai Complanari / T/T hinges for coplanar frames	1	
ACP 50446/350	Braccio A/R / Extra short tilt arm	1	
ACP 50446/415	Braccio A/R / Extra short tilt arm	1	
ACP 50446/538	Braccio A/R / Extra short tilt arm	1	
ACP 5153	Braccio supplementare / Additional window arm	1	
ACP 5155	Chiusure supplementari / Tilt and turn kit	1	
Anta affiancata			
	Articolo	Descrizione	Q.tà
	ACP 50456	Cerniera A/R Telai Piani / T/T hinges for flat frames	1
	ACP 50457	Cerniera A/R Telai Complanari / T/T hinges for coplanar frames	1
	ACP 50459	Adattori per cerniere / Matching door adapter	1
	ACP 50452	Kit catenacci / Metal bolt set	1
	ACP 50447	Kit catenacci (Alternativa) / Deadbolt kit for standard round trip	1

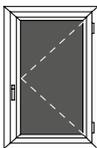
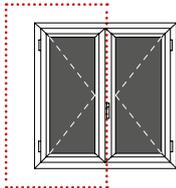
Tipologia	Soluzione con Cremonese		
BATTENTE	Articolo	Descrizione	Q.tà
	ACP 50400	Cremonese AURORA bidirezionale / <i>Two ways directional Cremonese Aurora handle</i>	1
	ACP 50475	Kit finestra battente / <i>Window kit hinged door</i>	1
	ACP 50405	Cerniera Telai Piani / <i>Hinge for flat frames</i>	2/...
	ACP 50407	Cerniera Telai Complanari / <i>3 rd leaf hinge</i>	2/...
	ACP 51454	Rostro / <i>Rostrum</i>	1
	Soluzione con Martellina		
	Articolo	Descrizione	Q.tà
	ACP 50552	Martellina Aurora quadro 7 / <i>Aurora Martellina square 7mm</i>	1
	ACP 50330	Maniglia EXENS linea Aurora quadro 7 / <i>EXENS Aurora line square 7mm</i>	1
	ACP 5199N	Meccanismo bidirezionale / <i>Handle mechanism</i>	1
	ACP 50405	Cerniera Telai Piani / <i>Hinge for flat frames</i>	2/...
	ACP 50407	Cerniera Telai Complanari / <i>3 rd leaf hinge</i>	2/...
	ACP 50525	Terminale asta / <i>Rod terminal</i>	2
	ACP 50582	Incontro singolo / <i>Single nylon striker</i>	2
	ACP 51454	Rostro / <i>Rostrum</i>	1
	Soluzione con EXENS		
	Articolo	Descrizione	Q.tà
	ACP 50314	EXENS Aurora / <i>Aurora EXENS handle</i>	1
	ACP 50310	EXENS Tonda / <i>EXENS Rounded handle</i>	1
	ACP 50313	EXENS Squadrata / <i>EXENS Squared handle</i>	1
ACP 50312	Meccanismo bidirezionale / <i>Bidirectional EXENS mechanism for EXENS handle</i>	1	
ACP 50405	Cerniera Telai Piani / <i>Hinge for flat frames</i>	2/...	
ACP 50407	Cerniera Telai Complanari / <i>3 rd leaf hinge</i>	2/...	
ACP 50525	Terminale asta / <i>Rod terminal</i>	2	
ACP 50582	Incontro singolo / <i>Single nylon striker</i>	2	
ACP 51454	Rostro / <i>Rostrum</i>	1	
Anta affiancata			
Articolo	Descrizione	Q.tà	
ACP 50405	Cerniera Telai Piani / <i>Hinge for flat frames</i>	2/...	
ACP 50407	Cerniera Telai Complanari / <i>3 rd leaf hinge</i>	2/...	
ACP 50482	Incontro doppio / <i>Double nylon striker</i>	2	
ACP 51454	Rostro / <i>Rostrum</i>	1	
ACP 50422	Kit catenaccioli / <i>Nylon bolt</i>	2	

Composizione dei kit per applicazione della ferramenta SECRET

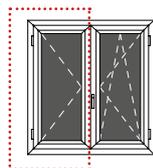
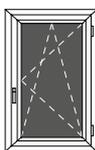
SECRET Line kit

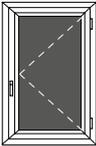
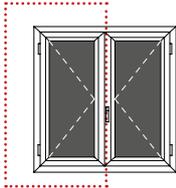
Tipologia	Soluzione con Cremonese		
ANTA RIBALTA	SECRET Portata 100Kg. / SECRET Capacity 100Kg.		
	Articolo	Descrizione	Q.tà
	ACP 50476	Kit A/R standard per cremonese / T/T kit with drive for cremonese bolt	1
	ACP 50401	Cremonese AURORA per A/R / Monodirectional Cremonese Aurora handle for tilt & turn	1
	ACP 5150/D	KIT Cerniera A/R Braccio corto DX / Tilt and turn windows kit, included concealed hinge for DX short arm	1
	ACP 5150/S	KIT Cerniera A/R Braccio corto SX / Tilt and turn windows kit, included concealed hinge for SX short arm	1
	ACP 5151/D	KIT Cerniera A/R Braccio lungo DX / Tilt and turn windows kit, included concealed hinge for DX long arm	1
	ACP 5151/S	KIT Cerniera A/R Braccio lungo SX / Tilt and turn windows kit, included concealed hinge for SX long arm	1
	ACP 5153	Braccio supplementare / Additional window arm	1
	ACP 5155	Chiusure supplementari / Additional locking piece	1
	Soluzione con Martellina		
	SECRET Portata 100Kg. / SECRET Capacity 100Kg.		
	Articolo	Descrizione	Q.tà
	ACP 50477	Kit A/R standard per martellina / T/T kit with handle mechanism	1
	ACP 50552	Martellina Aurora quadro 7 / Aurora Martellina square 7mm	1
	ACP 50330	Maniglia EXENS linea Aurora quadro 7 / EXENS Aurora line square 7mm	1
	ACP 5150/D	KIT Cerniera A/R Braccio corto DX / Tilt and turn windows kit, included concealed hinge for DX short arm	1
	ACP 5150/S	KIT Cerniera A/R Braccio corto SX / Tilt and turn windows kit, included concealed hinge for SX short arm	1
	ACP 5151/D	KIT Cerniera A/R Braccio lungo DX / Tilt and turn windows kit, included concealed hinge for DX long arm	1
	ACP 5151/S	KIT Cerniera A/R Braccio lungo SX / Tilt and turn windows kit, included concealed hinge for SX long arm	1
	ACP 5153	Braccio supplementare / Additional window arm	1
	ACP 5155	Chiusure supplementari / Additional locking piece	1
	Soluzione con EXENS		
	SECRET Portata 100Kg. / SECRET Capacity 100Kg.		
	Articolo	Descrizione	Q.tà
	ACP 50478	Kit A/R standard per EXENS / T/T kit with EXENS mechanism	1
	ACP 50314	EXENS Aurora / Aurora EXENS handle	1
	ACP 50310	EXENS Tonda / EXENS Rounded handle	1
	ACP 50313	EXENS Squadrata / EXENS Squared handle	1
	ACP 5150/D	KIT Cerniera A/R Braccio corto DX / Tilt and turn windows kit, included concealed hinge for DX short arm	1
	ACP 5150/S	KIT Cerniera A/R Braccio corto SX / Tilt and turn windows kit, included concealed hinge for SX short arm	1
	ACP 5151/D	KIT Cerniera A/R Braccio lungo DX / Tilt and turn windows kit, included concealed hinge for DX long arm	1
	ACP 5151/S	KIT Cerniera A/R Braccio lungo SX / Tilt and turn windows kit, included concealed hinge for SX long arm	1
	ACP 5153	Braccio supplementare / Additional window arm	1
	ACP 5155	Chiusure supplementari / Additional locking piece	1
	Anta affiancata		
	SECRET Portata 100Kg. / SECRET Capacity 100Kg.		
	Articolo	Descrizione	Q.tà
	ACP 5161/D	KIT cerniera anta passiva SECRET DX / SECRET concealed hinge set DX passive leaf	1
	ACP 5161/S	KIT cerniera anta passiva SECRET SX / SECRET concealed hinge set SX passive leaf	1
	ACP 5157	KIT catenaccioli manovra bidirezionali / Bolt set for two ways directional device	1
	ACP 5156	catenaccio anta passiva (Alternativa) / Bolt for inactive leaf (alternative)	2

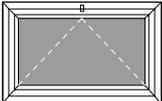


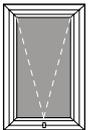
Tipologia	Soluzione con Cremonese		
BATTENTE	SECRET Portata 100Kg. / SECRET Capacity 100Kg.		
	Articolo	Descrizione	Q.tà
	ACP 50400	Cremonese AURORA bidirezionale / Bidirectional Cremonese Aurora handle	1
	ACP 50475	Kit finestra battente / Window kit hinged door	1
	ACP 5161/D	KIT cerniera anta passiva SECRET DX / SECRET concealed set for right inactive leaf	1
	ACP 5161/S	KIT cerniera anta passiva SECRET SX / SECRET concealed set for left inactive leaf	1
	ACP 5154	Rostro / Rostrum	1
	Soluzione con Martellina		
	SECRET Portata 100Kg. / SECRET Capacity 100Kg.		
	Articolo	Descrizione	Q.tà
	ACP 50552	Martellina Aurora quadro 7 / Aurora Martellina square 7mm	1
	ACP 50330	Maniglia EXENS linea Aurora quadro 7 / EXENS Aurora line square 7mm	1
	ACP 5199N	Meccanismo bidirezionale / Two ways directional mechanism	1
	ACP 5161/D	KIT cerniera anta passiva SECRET DX / SECRET concealed set for right inactive leaf	1
	ACP 5161/S	KIT cerniera anta passiva SECRET SX / SECRET concealed set for left inactive leaf	1
	ACP 50525	Terminale asta / Rod terminal	2
	ACP 50582	Incontro singolo / Single nylon striker	2
	ACP 5154	Rostro / Rostrum	1
	Soluzione con EXENS		
	SECRET Portata 100Kg. / SECRET Capacity 100Kg.		
Articolo	Descrizione	Q.tà	
ACP 50314	EXENS Aurora / Aurora EXENS handle	1	
ACP 50310	EXENS Tonda / EXENS Rounded handle	1	
ACP 50313	EXENS Squadrata / EXENS Squared handle	1	
ACP 50312	Meccanismo bidirezionale / Two ways directional EXENS mechanism	1	
ACP 5161/D	KIT cerniera anta passiva SECRET DX / SECRET concealed set for right inactive leaf	1	
ACP 5161/S	KIT cerniera anta passiva SECRET SX / SECRET concealed set for left inactive leaf	1	
ACP 50525	Terminale asta / Rod terminal	2	
ACP 50582	Incontro singolo / Single nylon striker	2	
ACP 5154	Rostro / Rostrum	1	
Anta affiancata			
	SECRET Portata 100Kg. / SECRET Capacity 100Kg.		
	Articolo	Descrizione	Q.tà
	ACP 5161/D	KIT cerniera anta passiva SECRET DX / SECRET concealed set for right inactive leaf	1
	ACP 5161/S	KIT cerniera anta passiva SECRET SX / SECRET concealed set for left inactive leaf	1
	ACP 50482	Incontro doppio / Double nylon striker	2
	ACP 50422	KIT Catenaccioli (Alternativa) / Nylon bolt set	2
	ACP 5157	KIT catenaccioli bidirezionali (Alternativa) / Bolt set for two ways directional device	1
	ACP 5156	kit catenacci (Alternativa) / Bolt for inactive leaf (alternative)	2
	ACP 5154	Rostro / Rostrum	1

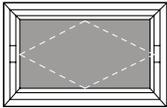
Tipologia	Soluzione con Cremonese		
ANTA RIBALTA		SECRET Portata 150Kg. / SECRET Capacity 150Kg.	
	Articolo	Descrizione	Q.tà
	ACP 50476	Kit A/R standard per cremonese / T/T kit with drive for cremonese bolt	1
	ACP 50401	Cremonese AURORA per A/R / Monodirectional Cremonese Aurora handle for tilt & turn	1
	ACP 5162/D	KIT Cerniera A/R Braccio corto DX / Tilt and turn windows kit, included concealed hinge for DX short arm	1
	ACP 5163/S	KIT Cerniera A/R Braccio corto SX / Tilt and turn windows kit, included concealed hinge for SX short arm	1
	ACP 5163/D	KIT Cerniera A/R Braccio lungo DX / Tilt and turn windows kit, included concealed hinge for DX long arm	1
	ACP 5151/S	KIT Cerniera A/R Braccio lungo SX / Tilt and turn windows kit, included concealed hinge for SX long arm	1
	ACP 5153	Braccio supplementare / Additional window arm	1
	ACP 5155	Chiusure supplementari / Additional locking piece	1
	Soluzione con Martellina		
		SECRET Portata 150Kg. / SECRET Capacity 150Kg.	
	Articolo	Descrizione	Q.tà
	ACP 50477	Kit A/R standard per martellina / T/T kit with handle mechanism	1
	ACP 50552	Martellina Aurora quadro 7 / Aurora Martellina square 7mm	1
	ACP 50330	Maniglia EXENS linea Aurora quadro 7 / EXENS Aurora line square 7mm	1
	ACP 5162/D	KIT Cerniera A/R Braccio corto DX / Tilt and turn windows kit, included concealed hinge for DX short arm	1
	ACP 5162/S	KIT Cerniera A/R Braccio corto SX / Tilt and turn windows kit, included concealed hinge for SX short arm	1
	ACP 5163/D	KIT Cerniera A/R Braccio lungo DX / Tilt and turn windows kit, included concealed hinge for DX long arm	1
	ACP 5163/S	KIT Cerniera A/R Braccio lungo SX / Tilt and turn windows kit, included concealed hinge for SX long arm	1
	ACP 5153	Braccio supplementare / Additional window arm	1
	ACP 5155	Chiusure supplementari / Additional locking piece	1
	Soluzione con EXENS		
		SECRET Portata 150Kg. / SECRET Capacity 150Kg.	
	Articolo	Descrizione	Q.tà
	ACP 50478	Kit A/R standard per EXENS / T/T kit with EXENS mechanism	1
	ACP 50314	EXENS Aurora / Aurora EXENS handle	1
	ACP 50310	EXENS Tonda / EXENS Rounded handle	1
	ACP 50313	EXENS Squadrata / EXENS Squared handle	1
	ACP 5162/D	KIT Cerniera A/R Braccio corto DX / Tilt and turn windows kit, included concealed hinge for DX short arm	1
	ACP 5162/S	KIT Cerniera A/R Braccio corto SX / Tilt and turn windows kit, included concealed hinge for SX short arm	1
	ACP 5163/D	KIT Cerniera A/R Braccio lungo DX / Tilt and turn windows kit, included concealed hinge for DX long arm	1
	ACP 5163/S	KIT Cerniera A/R Braccio lungo SX / Tilt and turn windows kit, included concealed hinge for SX long arm	1
	ACP 5153	Braccio supplementare / Additional window arm	1
	ACP 5155	Chiusure supplementari / Additional locking piece	1
	Anta affiancata		
		SECRET Portata 150Kg. / SECRET Capacity 150Kg.	
	Articolo	Descrizione	Q.tà
	ACP 5164/D	KIT cerniera anta passiva SECRET DX / Hinges kit for right inactive leaf	1
	ACP 5164/S	KIT cerniera anta passiva SECRET SX / Hinges kit for left inactive leaf	1
	ACP 5157	KIT catenaccioli manovra bidirezionali / Bolt set for two ways directional device	1
	ACP 5156	Kit catenacci (Alternativa) / Bolt for inactive leaf (alternative)	2
	ACP 5154	Rostrò / Rostrum	1

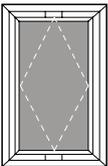


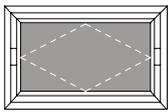
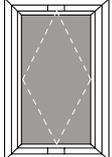
Tipologia	Soluzione con Cremonese		
BATTENTE	SECRET Portata 150Kg. / SECRET Capacity 150Kg.		
	Articolo	Descrizione	Q.tà
	ACP 50400	Cremonese AURORA bidirezionale / Two ways directional Cremonese Aurora handle	1
	ACP 50475	Kit finestra battente / Window kit hinged door	1
	ACP 5164/D	KIT cerniera anta passiva SECRET DX / Hinges kit for right inactive leaf	1
	ACP 5164/S	KIT cerniera anta passiva SECRET SX / Hinges kit for left inactive leaf	1
	ACP 5154	Rostro / Rostrum	1
	Soluzione con Martellina		
	SECRET Portata 150Kg. / SECRET Capacity 150Kg.		
	Articolo	Descrizione	Q.tà
	ACP 50552	Martellina Aurora quadro 7 / Aurora Martellina square 7mm	1
	ACP 50330	Maniglia EXENS linea Aurora quadro 7 / EXENS Aurora line square 7mm	1
	ACP 5199N	Meccanismo bidirezionale / Two ways directional mechanism	1
	ACP 5164/D	KIT cerniera anta passiva SECRET DX / Hinges kit for right inactive leaf	1
	ACP 5164/S	KIT cerniera anta passiva SECRET SX / Hinges kit for left inactive leaf	1
	ACP 50525	Terminale asta / Rod terminal	2
	ACP 50582	Incontro singolo / Single nylon striker	2
	ACP 5154	Rostro / Rostrum	1
	Soluzione con EXENS		
	SECRET Portata 150Kg. / SECRET Capacity 150Kg.		
	Articolo	Descrizione	Q.tà
	ACP 50314	EXENS Aurora / Aurora EXENS handle	1
	ACP 50310	EXENS Tonda / EXENS Rounded handle	1
	ACP 50313	EXENS Squadrata / EXENS Squared handle	1
	ACP 50312	Meccanismo bidirezionale / Two ways directional EXENS mechanism	1
	ACP 5164/D	KIT cerniera anta passiva SECRET DX / Hinges kit for right inactive leaf	1
	ACP 5164/S	KIT cerniera anta passiva SECRET SX / Hinges kit for left inactive leaf	1
	ACP 50525	Terminale asta / Rod terminal	2
ACP 50582	Incontro singolo / Single nylon striker	2	
ACP 5154	Rostro / Rostrum	1	
Anta affiancata			
	SECRET Portata 150Kg. / SECRET Capacity 150Kg.		
	Articolo	Descrizione	Q.tà
	ACP 5164/D	KIT cerniera anta passiva SECRET DX / Hinges kit for right inactive leaf	1
	ACP 5164/S	KIT cerniera anta passiva SECRET SX / Hinges kit for left inactive leaf	1
	ACP 50482	Incontro doppio / Double nylon striker	2
	ACP 50422	KIT Catenaccioli (Alternativa) / Nylon bolt set	2
	ACP 5157	KIT catenaccioli bidirezionali (Alternativa) / Bolt set for two ways directional device	1
	ACP 5156	kit catenacci (alternativa) / Bolt for inactive leaf (alternative)	2
	ACP 5154	Rostro / Rostrum	1

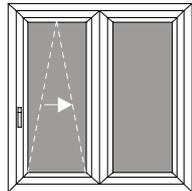
Tipologia	Vasistas SECRET		
	Articolo	Descrizione	Q.tà
	ACP 5166	Vasistas SECRET/ SECRET - VASISTAS Hinges Kit for windows	1
	ACP 5167	Sostegno anta SECRET / SECRET- support for leaf	1
	ACP 5165	Limitatore di apertura / Limit stay arm	1
	ACP 5017	Cricchetto / Awning/hopper window quick fitting finger catch	1
	Vasistas Standard		
	Articolo	Descrizione	Q.tà
	ACP 5012	Cerniere vasistas / Hinge, single snap	1
	ACP 5010	Cerniere vasistas (Alternativa) / Hinge, double snap	1
	ACP 5165	Limitatore di apertura / Limit stay arm	1
ACP 5017	Cricchetto / Awning/hopper window quick fitting finger catch	1	

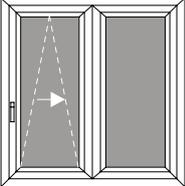
Tipologia	Sporgere		
	Articolo	Descrizione	Q.tà
	ACP 50405	Cerniera Telai Piani / Hinge for flat frames	2/...
	ACP 50407	Cerniera Telai Complanari / 3 rd leaf hinge	2/...
	ACP 50411	Braccio sporgere / Top-hinged telescopic arms	1

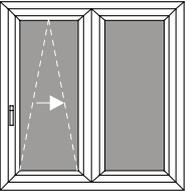
Tipologia	Bilico orizzontale		
	Articolo	Descrizione	Q.tà
	ACP 5092	Cerniere bilico orizzontale / Kit hinge friction joint Horizontal	1
	ACP 5094	Spessore cerniere bilico / shim friction	2
	ACP 50458	Kit 6 punti bilico / 6 locking points horizontal pivot window	1
	ACP 50267	Bidirezionale bilico / Two ways directional Martellina handle mechanism	1
	ACP 50268	Perno / Connecting pin	2
	ACP 50552	Martellina Aurora quadro 7 / Aurora Martellina square 7mm	1

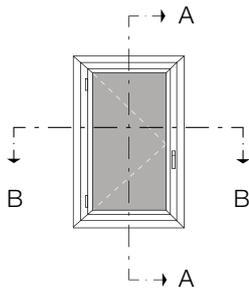
Tipologia	Bilico verticale		
	Articolo	Descrizione	Q.tà
	ACP 5092V	Cerniere bilico verticale / Friction joint	1
	ACP 5094	Spessore cerniere bilico / shim friction	2
	ACP 50458	Kit 6 punti bilico / 6 locking points horizontal pivot window	1
	ACP 50267	Bidirezionale bilico / Two ways directional Martellina handle mechanism	1
	ACP 50268	Perno / Connecting pin	2
	ACP 50552	Martellina Aurora quadro 7 / Aurora Martellina square 7mm	1
	ACP 50102D	Trasmissione bilico verticale DX / Transmission rod for friction joint right	1
	ACP 50102S	Trasmissione bilico verticale SX / Transmission rod for friction joint left	1
	ACP 50103	Limitatore di apertura / Opening restrictor	1

Tipologia	Bilico snodo a frizione		
 	Articolo	Descrizione	Q.tà
	ACP 5091M	Frizione bilico / <i>Pivoting clutch</i>	1
	ACP 5100	Set piastre bilico / <i>Clutch balance plates set</i>	2
	ACP 50267	Bidirezionale bilico / <i>Two ways directional Martellina handle mechanism</i>	1
	ACP 50268	Perno / <i>Connecting pin</i>	2
	ACP 50552	Martellina Aurora quadro 7 / <i>Aurora Martellina square 7mm</i>	1

Tipologia	Scorrevole parallelo Manuale		
	Articolo	Descrizione	Q.tà
	ACP 50159D	Kit base parallelo Anta DX / <i>Parallel slide base kit right</i>	1
	ACP 50159S	Kit base parallelo Anta SX / <i>Parallel slide base kit left</i>	1
	ACP 50160/1100	Kit binari parallelo / <i>Parallel slide track kit</i>	1
	ACP 50160/1350	Kit binari parallelo / <i>Parallel slide track kit</i>	1
	ACP 50160/1600	Kit binari parallelo / <i>Parallel slide track kit</i>	1
	ACP 50161/1200	Kit forbice parallelo / <i>Developed scissor sliders kit</i>	1
	ACP 50164	Kit coperture parallelo / <i>Cover kit</i>	1
	ACP 50165	Spessori parallelo / <i>Thickness matching</i>	1
	ACP 50167	Kit supplementare parallelo / <i>Additional kit</i>	1
	ACP 50168	Astina parallelo / <i>Rod for additional kit</i>	1
	ACP 50169	Astina parallelo / <i>Rod for additional kit</i>	1
	ACP 50448	Traino per cremonese / <i>Towing for monodirectional cremonese bolt</i>	1
	ACP 50401	Cremonese / <i>cremonese</i>	1
	ACP 50458	Kit 6 punti di chiusura / <i>Pivot closer 6 locking piece set</i>	1

Tipologia	Scorrevole parallelo Semi automatico		
	Articolo	Descrizione	Q.tà
	ACP 50159D	Kit base parallelo Anta DX / <i>Parallel slide base kit right</i>	1
	ACP 50159S	Kit base parallelo Anta SX / <i>Parallel slide base kit left</i>	1
	ACP 50160/1100	Kit binari parallelo / <i>Parallel slide track kit</i>	1
	ACP 50160/1350	Kit binari parallelo / <i>Parallel slide track kit</i>	1
	ACP 50160/1600	Kit binari parallelo / <i>Parallel slide track kit</i>	1
	ACP 50161/1200	Kit forbice parallelo / <i>Developed scissor sliders kit</i>	1
	ACP 50163	Kit per parallelo semiautomatico / <i>Kit accessories</i>	1
	ACP 50164	Kit coperture parallelo / <i>Cover kit</i>	1
	ACP 50166	Placchetta parallelo / <i>Plate</i>	2
	ACP 50165	Spessori parallelo / <i>Thickness matching</i>	1
	ACP 50167	Kit supplementare parallelo / <i>Additional kit</i>	1
	ACP 50168	Astina parallelo / <i>Rod for additional kit</i>	1
	ACP 50169	Astina parallelo / <i>Rod for additional kit</i>	1
	ACP 50448	Traino per cremonese / <i>Towing for monodirectional cremone bolt</i>	1
	ACP 50401	Cremonese / <i>cremonese</i>	1
	ACP 50458	Kit 6 punti di chiusura / <i>Pivot closer 6 locking piece set</i>	1

Tipologia	Scorrevole parallelo Automatico		
	Articolo	Descrizione	Q.tà
	ACP 50159D	Kit base parallelo Anta DX / <i>Parallel slide base kit right</i>	1
	ACP 50159S	Kit base parallelo Anta SX / <i>Parallel slide base kit left</i>	1
	ACP 50160/1100	Kit binari parallelo / <i>Parallel slide track kit</i>	1
	ACP 50160/1350	Kit binari parallelo / <i>Parallel slide track kit</i>	1
	ACP 50160/1600	Kit binari parallelo / <i>Parallel slide track kit</i>	1
	ACP 50161/1200	Kit forbice parallelo / <i>Developed scissor sliders kit</i>	1
	ACP 50162	Kit forbice parallelo automatico / <i>Developed scissor sliders kit</i>	1
	ACP 50163	Kit per parallelo semiautomatico / <i>Kit accessories</i>	1
	ACP 50164	Kit coperture parallelo / <i>Cover kit</i>	1
	ACP 50166	Placchetta parallelo / <i>Plate</i>	2
	ACP 50165	Spessori parallelo / <i>Thickness matching</i>	1
	ACP 50167	Kit supplementare parallelo / <i>Additional kit</i>	1
	ACP 50168	Astina parallelo / <i>Rod for additional kit</i>	1
	ACP 50169	Astina parallelo / <i>Rod for additional kit</i>	1
	ACP 50448	Traino per cremonese / <i>Towing for monodirectional cremone bolt</i>	1
	ACP 50401	Cremonese / <i>cremonese</i>	1
	ACP 50458	Kit 6 punti di chiusura / <i>Pivot closer 6 locking piece set</i>	1

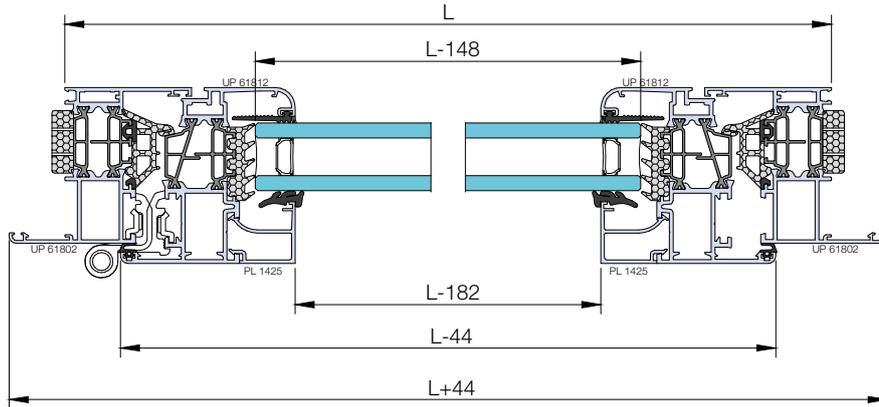


Finestra 1 anta
1 leaf window

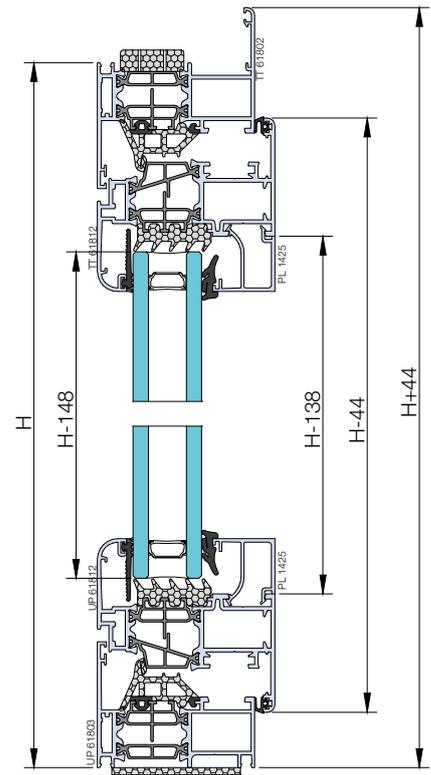
Distinta vetri
Glass list

Pezzi	L	H
1	L-148	H-148

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio transom frame	1	L+44	
	Montante telaio mullion frame	2	H+44	
UP 61803	Traverso telaio inferiore sill transom frame	1	L	
UP 61812	Traverso anta transom leaf	2	L-44	
	Montante anta mullion leaf	2	H-44	
PL 1425	Traverso fermavetro transom glazing bead	2	L-182	
	Montante fermavetro mullion glazing bead	2	H-138	

Distinta guarnizioni

Gaskets list

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

Distinta accessori

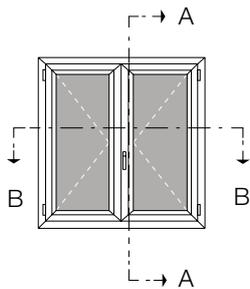
Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione corner cleat	8 pz
ACP 5001	Vite per squadretta screw for corner cleat	16 pz
ACP 5008	Squadretta all. inox inox corner cleat	6 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	4 pz
ACP 50153	Squadretta cianfrinare est. alignment corner bracket	8 pz
ACP 5030	Spina ø3mm Ø3mm pin	16 pz
ACP 50405	Cerniera hinge for flat frames	2 pz
ACP 50475	Kit chiusura locking kit	1 kit
ACP 50400	Cremonese Aurora cremonese Aurora	1 pz
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 62185	Angolo vulcanizzato vulcanized corner	4 pz

DISTINTE DITAGLIO

Cutting lists

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

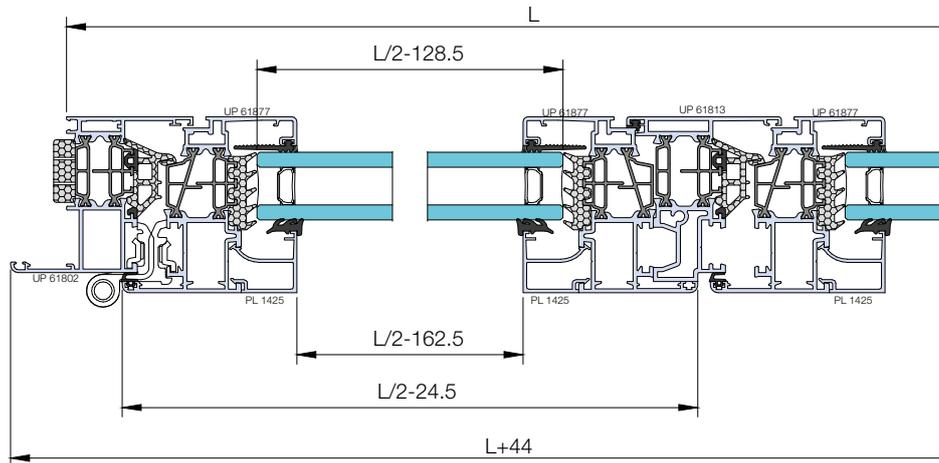


Finestra 2 ante
2 leaf window

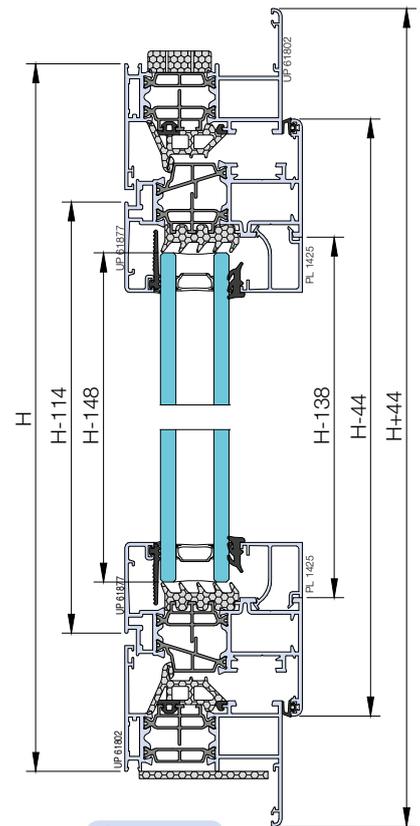
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio <i>transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
UP 61877	Traverso anta <i>transom leaf</i>	4	L/2-24.5	
	Montante anta <i>mullion leaf</i>	4	H-44	
PL 1425	Traverso fermavetro <i>transom glazing bead</i>	4	L/2-162.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H-138	
UP 61813	Riporto centrale <i>central cap</i>	1	H-114	

Distinta accessori

Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione <i>corner cleat</i>	12 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	24 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	12 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	8 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner bracket</i>	12 pz
ACP 5030	Spina ø3mm <i>Ø3mm pin</i>	24 pz
ACP 50405	Cerniera <i>hinge for flat frames</i>	4 pz
ACP 50475	Kit chiusura <i>locking kit</i>	1 kit
ACP 50400	Cremonese Aurora <i>cremonese Aurora</i>	1 pz
ACP 50422	Kit catenaccioli <i>nylon bolt set</i>	1 kit
ACP 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 62180M	Tappo riporto <i>plug for central connection profile</i>	1cp
ACP 62185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz

DISTINTE DI TAGLIO

Cutting lists

Distinta guarnizioni

Gaskets list

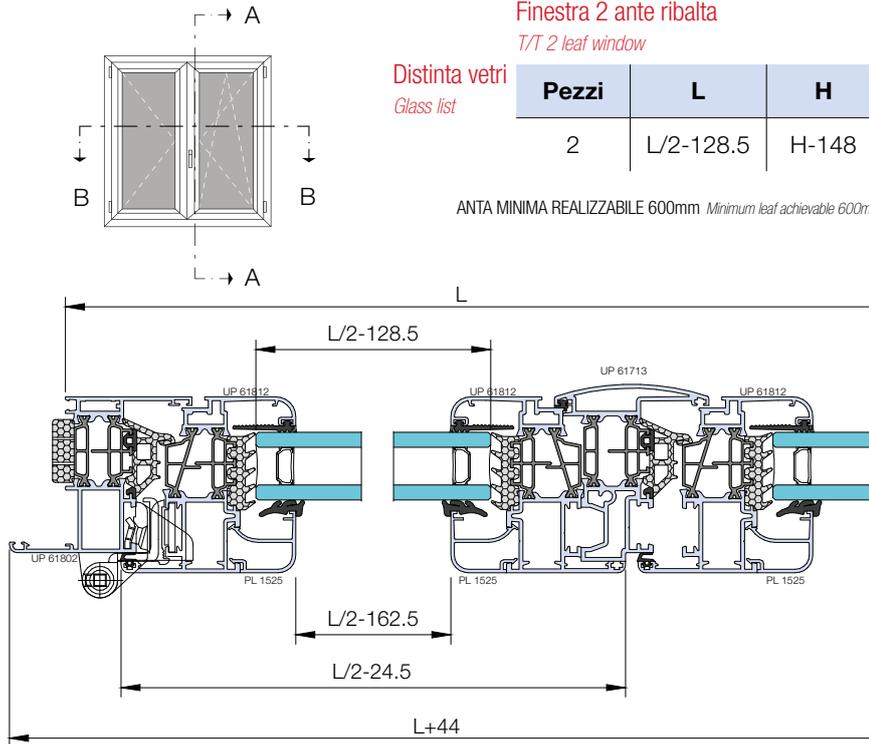
Articolo	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	4 3	L/2-24.5 H-44
AGP 40131	Sotto vetro <i>glazing strip</i>	4 4	L/2-108.5 H-128
AGP 62172	Pinna giunto aperto <i>central beat</i>	2 3	L-124 H-124
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	4 4	L/2-128 H-148
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	4 4	L/2-128.5 H-148
AGP 4006	Battuta riporto <i>rabbit gasket</i>	1	H-114
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	1 2	L H

Finestra 2 ante ribalta
T/T 2 leaf window

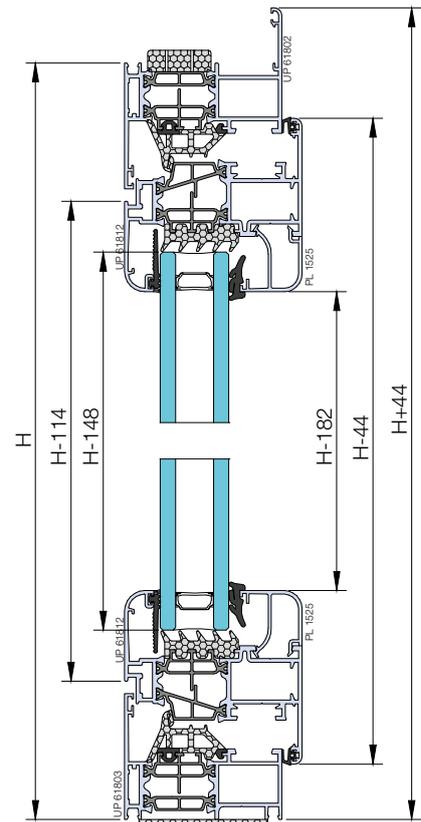
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio transom frame	1	L+44	
	Montante telaio mullion frame	2	H+44	
UP 61803	Traverso telaio transom frame	1	L	
UP 61812	Traverso anta transom leaf	4	L/2-24.5	
	Montante anta mullion leaf	4	H-44	
PL 1525	Traverso fermavetro transom glazing bead	4	L/2-162.5	
	Montante fermavetro mullion glazing bead	4	H-182	
UP 61713	Riparto centrale central cap	1	H-114	

Distinta guarnizioni

Gaskets list

Articolo	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	4	L/2-24.5
		3	H-44
AGP 40131	Sotto vetro glazing strip	4	L/2-108.5
AGP 62172	Pinna giunto aperto central beat	2	L-124
		3	H-124
Dipende dal vetro	Vetro esterna external glass gasket	4	L/2-128.5
		4	H-148
Dipende dal vetro	Vetro interna internal glass gasket	4	L/2-128.5
		4	H-148
AGP 4006	Battuta riparto rabbet gasket	1	H-114
AGP 5037	Isolamento muro wall insulation	1	L
AGP 5034/25	Isolamento spalla abutment insulation	1	L
		2	H

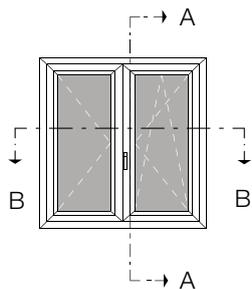
Distinta accessori

Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione corner cleat	12 pz
ACP 5001	Vite per squadretta screw for corner cleat	24 pz
ACP 5008	Squadretta all. inox inox corner cleat	10 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	8 pz
ACP 50153	Squadretta cianfrinare est. alignment corner bracket	12 pz
ACP 5030	Spina ø3mm Ø3mm pin	24 pz
ACP 50476	Kit anta ribalta tilt & turn set	1 kit
ACP 50446/..	Braccio anta ribalta tilt & turn arm	1 pz
ACP 50401	Cremonese aurora cremonese Aurora	1 pz
ACP 50456	Cerniere hinge	2 kit
ACP 50459	Adattatori per cerniere hinge adapter	1 pz
ACP 50422	Kit catenaccioli nylon bolt set	1 kit
ACP 50421	Kit punto di chiusura locking point kit	1 kit
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 62180M	Tappo riparto plug for central connection profile	1 cp
ACP 62185	Angolo vulcanizzato vulcanized corner	4 pz
ACP 5014	Angolo fermavetro casement windows set	8 pz

DISTINTE DITAGLIO

Cutting lists



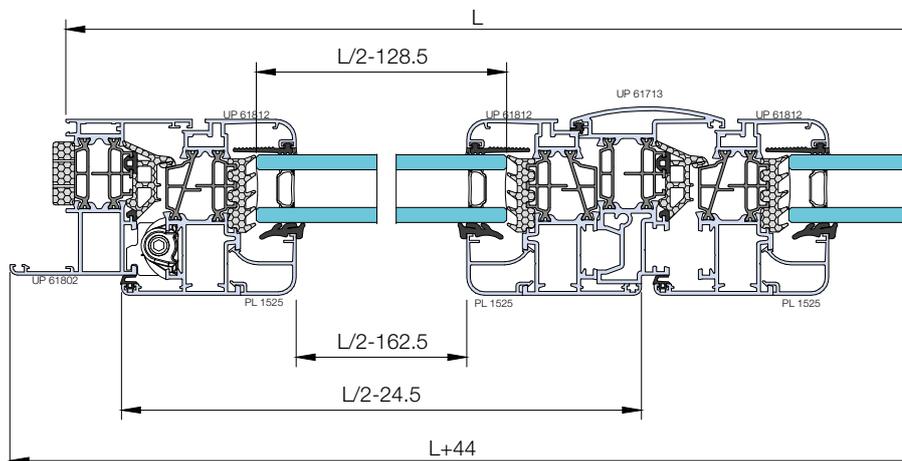
Finestra 2 ante ribalta SECRET

T/T leaf 2 leaf SECRET window

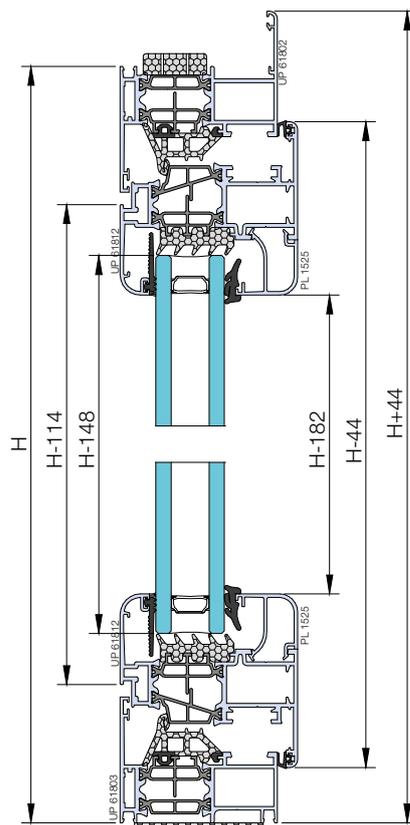
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio transom frame	1	L+44	
	Montante telaio mullion frame	2	H+44	
UP 61803	Traverso telaio transom frame	1	L	
UP 61812	Traverso anta transom leaf	4	L/2-24.5	
	Montante anta mullion leaf	4	H-44	
PL 1525	Traverso fermavetro transom glazing bead	4	L/2-162.5	
	Montante fermavetro mullion glazing bead	4	H-182	
UP 61713	Ripporto centrale central cap	1	H-114	

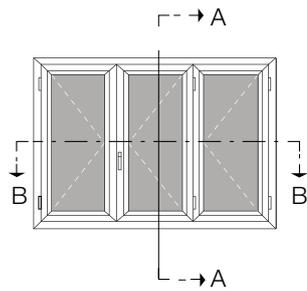
Distinta accessori
Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione corner cleat	12 pz
ACP 5001	Vite per squadretta screw for corner cleat	24 pz
ACP 5008	Squadretta all. inox inox corner cleat	10 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	8 pz
ACP 50153	Squadretta cianfrinara est. alignment corner bracket	12 pz
ACP 5030	Spina ø3mm ø3mm pin	24 pz
ACP 5150/D	Kit anta ribalta SECRET tilt & turn SECRET kit	1 kit
ACP 50478	Kit A/R standard per EXENS tilt & turn set for EXENS	1 kit
ACP 50314	Exens aurora exens Aurora	1 pz
ACP 5161	Kit cerniere anta passiva hinge for passive leaf	1 kit
ACP 5157	Kit catenaccioli con manovra bolt set	1 kit
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 62180M	Tappo riporto plug for central connection profile	1 cp
ACP 62185	Angolo vulcanizzato vulcanized corner	4 pz
ACP 5014	Angolini fermavetro casement windows set	8 pz

Distinte di taglio
Cutting lists

Distinta guarnizioni
Gaskets list

Articolo	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	4	L/2-24.5
		3	H-44
AGP 40131	Sotto vetro glazing strip	4	L/2-108.5
		4	H-128
AGP 62172	Pinna giunto aperto central beat	2	L-124
		3	H-124
Dipende dal vetro	Vetro esterna external glass gasket	4	L/2-128
		4	H-148
Dipende dal vetro	Vetro interna internal glass gasket	4	L/2-128.5
		4	H-148
AGP 4006	Battuta riporto rabbit gasket	1	H-114
AGP 5037	Isolamento muro wall insulation	1	L
AGP 5034/25	Isolamento spalla abutment insulation	1	L
		2	H

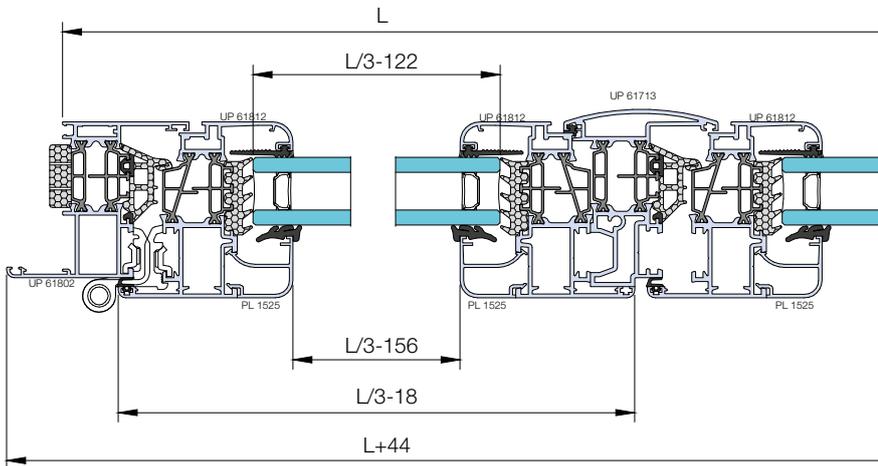


Finestra 3 ante
3 leaf window

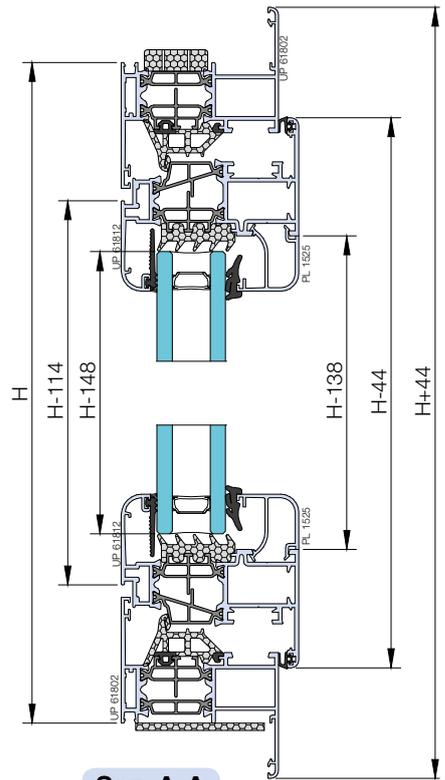
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio transom frame	2	L+44	
	Montante telaio mullion frame	2	H+44	
UP 61812	Traverso anta transom leaf	6	L/3-18	
	Montante anta mullion leaf	6	H-44	
PL 1525	Traverso fermavetro transom glazing bead	6	L/3-156	
	Montante fermavetro mullion glazing bead	6	H-182	
UP 61713	Riparto centrale central cap	2	H-114	

Distinta accessori
Accessories

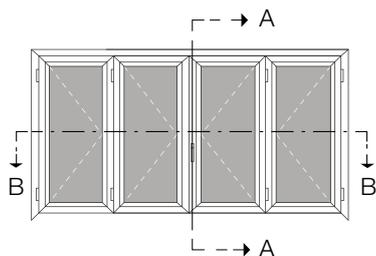
Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione corner cleat	16 pz
ACP 5001	Vite per squadretta screw for corner cleat	32 pz
ACP 5008	Squadretta all. inox inox corner cleat	16 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	12 pz
ACP 50153	Squadretta cianfrinare est. alignment corner bracket	16 pz
ACP 5030	Spina ø3mm Ø3mm pin	32 pz
ACP 50405	Cerniera hinge for flat frames	4 pz
ACP 50407	Cerniera 3a anta 3 rd leaf hinge	2 pz
ACP 50475	Kit chiusura locking kit	1 kit
ACP 50400	Cremonese Aurora cremonese Aurora	1 pz
ACP 50422	Kit catenaccioli nylon bolt set	2 kit
ACP 50582	Incontro asta single rod keeper	2 pz
ACP 50226	Piastrina sostegno anta plastic support for leaf	2 pz
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 62180M	Tappo riparto plug for central connection profile	2 cp
ACP 62185	Angolo vulcanizzato vulcanized corner	4 pz
ACP 5014	Angolini fermavetro casement windows set	12 pz

Distinta guarnizioni
Gaskets list

Articolo	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	6	L/3-18
		4	H-44
AGP 40131	Sotto vetro glazing strip	6	L/3-102
		6	H-128
AGP 62172	Pinna giunto aperto central beat	2	L-124
		4	H-124
Dipende dal vetro	Vetro esterna external glass gasket	6	L/3-122
		6	H-148
Dipende dal vetro	Vetro interna internal glass gasket	6	L/3-122
		6	H-148
AGP 4006	Battuta riparto rabbet gasket	2	H-114
AGP 5037	Isolamento muro wall insulation	1	L
AGP 5034/25	Isolamento spalla abutment insulation	1	L
		2	H

DISTINTE DITAGLIO

Cutting lists

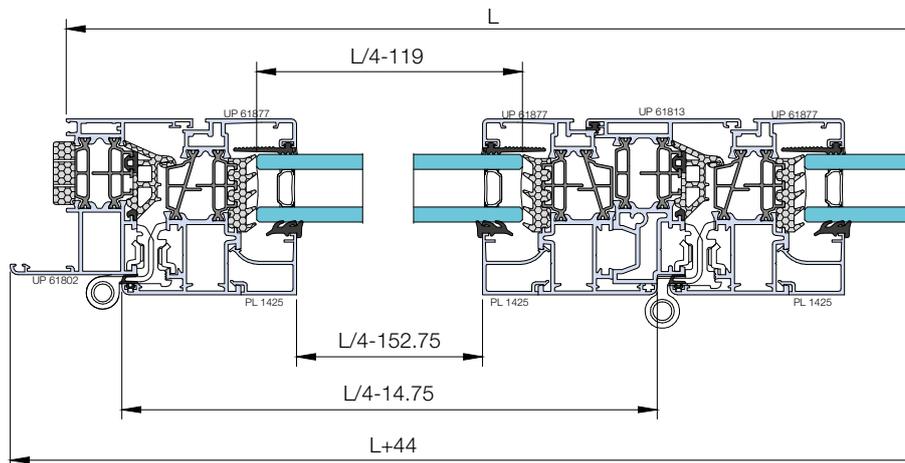


Finestra 4 ante
4 leaf window

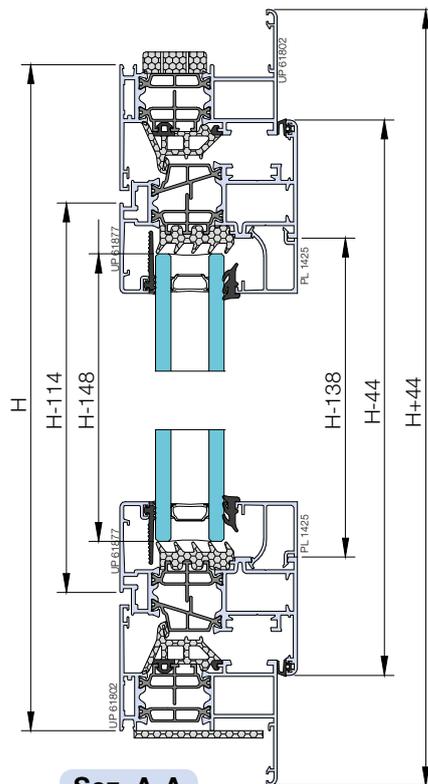
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio transom frame	2	L+44	
	Montante telaio mullion frame	2	H+44	
UP 61877	Traverso anta transom leaf	8	L/4-14.75	
	Montante anta mullion leaf	8	H-44	
PL 1425	Traverso fermavetro transom glazing bead	8	L/4-152.75	
	Montante fermavetro mullion glazing bead	8	H-182	
UP 61813	Riporto centrale central cap	3	H-114	

Distinta accessori

Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione corner cleat	20 pz
ACP 5001	Vite per squadretta screw for corner cleat	40 pz
ACP 5008	Squadretta all. inox inox corner cleat	20 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	16 pz
ACP 50153	Squadretta cianfrinare est. alignment corner bracket	20 pz
ACP 5030	Spina ø3mm ø3mm pin	40 pz
ACP 50405	Cerniera hinge for flat frames	4 pz
ACP 50407	Cerniera 3a anta 3 rd leaf hinge	4 pz
ACP 50475	Kit chiusura locking kit	1 kit
ACP 50400	Cremonese Aurora cremonese Aurora	1 pz
ACP 50422	Kit catenaccioli nylon bolt set	3 kit
ACP 50582	Incontro asta single rod keeper	4 pz
ACP 50226	Piastrina sostegno anta plastic support for leaf	2 pz
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 62180M	Tappo riporto plug for central connection profile	3 cp
ACP 62185	Angolo vulcanizzato vulcanized corner	4 pz

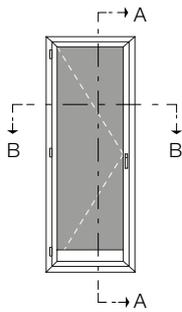
Distinte di taglio

Cutting lists

Distinta guarnizioni

Gaskets list

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

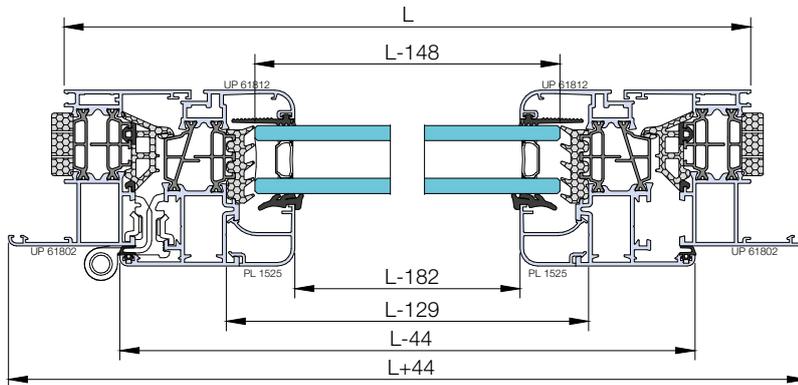


Porta finestra 1 anta
Door window 1 leaf

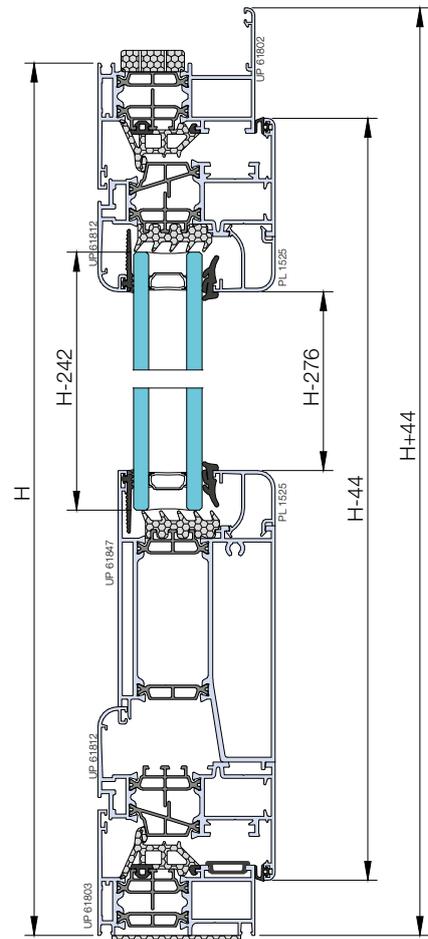
Distinta vetri
Glass list

Pezzi	L	H
1	L-148	H-242

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio superiore head transom frame	1	L+44	
	Montante telaio mullion frame	2	H+44	
UP 61803	Traverso telaio inferiore sil transom frame	1	L	
UP 61812	Traverso anta transom leaf	2	L-44	
	Montante anta mullion leaf	2	H-44	
PL 1525	Traverso fermavetro transom glazing bead	2	L-182	
	Montante fermavetro mullion glazing bead	2	H-276	
UP 61847	Zoccolo riportato fitted base	1	L-129	

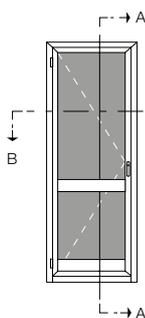
Distinta guarnizioni
Gaskets list

Articolo	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	2	L-44
		2	H-44
AGP 40131	Sotto vetro glazing strip	2	L-128
		2	H-222
AGP 62172	Pinna giunto aperto central beat	2	L-124
		2	H-124
Dipende dal vetro	Vetro esterna external glass gasket	4	L-148
		4	H-276
Dipende dal vetro	Vetro interna internal glass gasket	2	L-148
		2	H-276
AGP 4040	Copri cava rabbet gasket	1	L-182
AGP 5037	Isolamento muro wall insulation	1	L
AGP 5034/25	Isolamento spalla abutment insulation	1	L
		2	H

Distinta accessori
Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione corner cleat	8 pz
ACP 5001	Vite per squadretta screw for corner cleat	16 pz
ACP 5008	Squadretta all. inox inox corner cleat	6 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	4 pz
ACP 50153	Squadretta cianfrinare est. alignment corner bracket	8 pz
ACP 5030	Spina ø3mm Ø3mm pin	16 pz
ACP 50405	Cerniera hinge	3 pz
ACP 50400	Cremonese aurora cremonese Aurora	1 pz
ACP 50475	Kit chiusura locking kit	1 kit
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 62185	Angolo vulcanizzato vulcanized corner	4 pz
ACP 5014	Angolini fermavetro casement windows set	4 pz

DISTINTE DI TAGLIO
Cutting lists

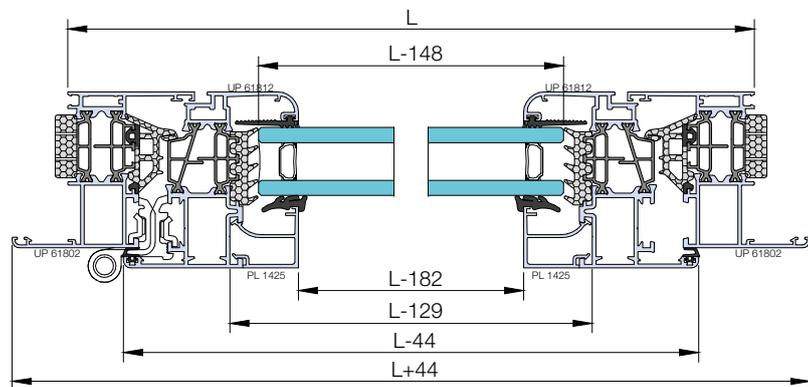


Porta finestra 1 anta soglia ribassata
Door window 1 leaf lowered threshold

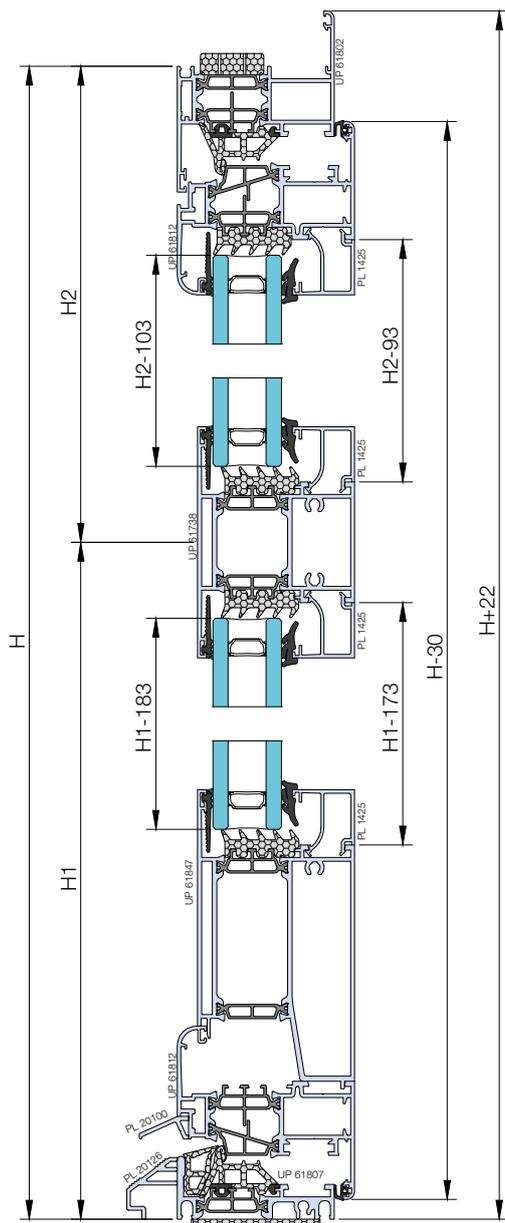
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm *Minimum leaf achievable 600mm*



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio inferiore <i>sill transom frame</i>	1	L+44	
	Traverso telaio superiore <i>head transom frame</i>	2	H+22	
UP 61807	Soglia ribassata 25mm <i>low threshold 25</i>	1	L-47	
UP 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	
UP 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 tin</i>	1	L-110	
UP 61738	Fascia <i>crosspiece</i>	1	L-129	

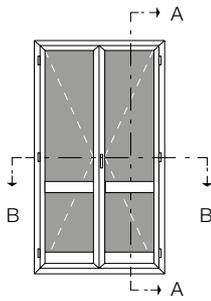
DISTINTE DI TAGLIO
Cutting lists

Distinta guarnizioni
Gaskets list

Articolo	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	2	L-44
		2	H-30
AGP 40131	Sotto vetro <i>glazing strip</i>	4	L-128
		2	H1-163
		2	H2-83
AGP 62172	Pinna giunto aperto <i>central beat</i>	2	L-124
		2	H-114
ACP 6502	Guarnizione supplementare <i>additional gasket</i>	1	L
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	4	L-148
		2	H1-183
		2	H2-103
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	4	L-148
		2	H1-183
		2	H2-103
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	1	L
		2	H

Distinta accessori
Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione <i>corner cleat</i>	6 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	12 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	6 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	4 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner bracket</i>	6 pz
ACP 5030	Spina ø3mm <i>Ø3mm pin</i>	12 pz
ACP 7208	Cavallotto allineamento <i>alignment clamp</i>	4 pz
ACP 50405	Cerniera <i>hinge</i>	3 pz
ACP 50400	Cremonese Aurora <i>cremonese Aurora</i>	1 pz
ACP 50475	Kit chiusura <i>locking kit</i>	1 kit
ACP 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 62185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz



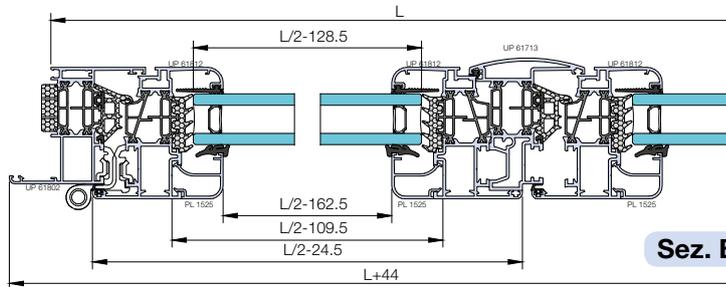
Porta finestra 2 ante

Door window 2 leaf

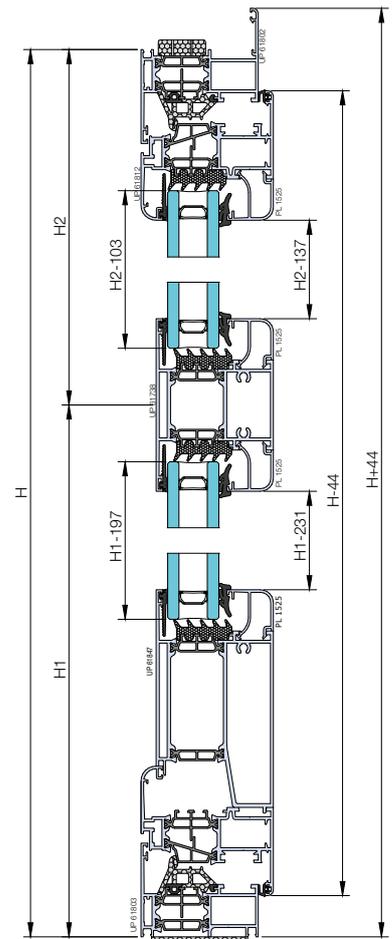
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio superiore head transom frame	1	L+44	
	Montante telaio mullion frame	2	H+22	
UP 61803	Traverso telaio inferiore sil transom frame	1	L	
UP 61812	Traverso anta transom leaf	4	L/2-24.5	
	Montante anta mullion leaf	4	H-44	
PL 1525	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	
UP 61847	Zoccolo riportato fitted base	2	L/2-109.5	
UP 61713	Riporto centrale central cap	1	H-114	
UP 61738	Fascia crosspiece	2	L/2-109.5	

Distinta guarnizioni
Gaskets list

Articolo	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	4	L/2-24.5
		3	H-44
AGP 40131	Sotto vetro glazing strip	8	L/2-106.5
		4	H1-177
		4	H2-83
AGP 62172	Pinna giunto aperto central beat	2	L-124
		3	H-124
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 rabbet gasket	1	H-114
AGP 5037	Isolamento muro wall insulation	1	L
AGP 5034/25	Isolamento spalla abutment insulation	1	L
		2	H

Distinta accessori
Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione corner cleat	12 pz
ACP 5001	Vite per squadretta screw for corner cleat	24 pz
ACP 5008	Squadretta all. inox inox corner cleat	10 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	8 pz
ACP 50153	Squadretta cianfrinare est. alignment corner bracket	12 pz
ACP 5030	Spina Ø3mm Ø3mm pin	24 pz
ACP 7208	Cavallotto allineamento alignment clamp	8 pz
ACP 50405	Cerniera hinge	6 pz
ACP 50400	Cremonese aurora cremonese Aurora	1 pz
ACP 50475	Kit chiusura locking kit	1 kit
ACP 50421	Kit punto di chiusura registrabile adjustable locking point kit	2 kit
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 62180M	Tappo riporto plug for central connection profile	1 cp
ACP 62185	Angolo vulcanizzato vulcanized corner	4 pz
ACP 5014	Angolini fermavetro casement windows set	16 pz

DISTINTE DI TAGLIO
Cutting lists

Porta finestra 2 ante ribalta soglia ribassata

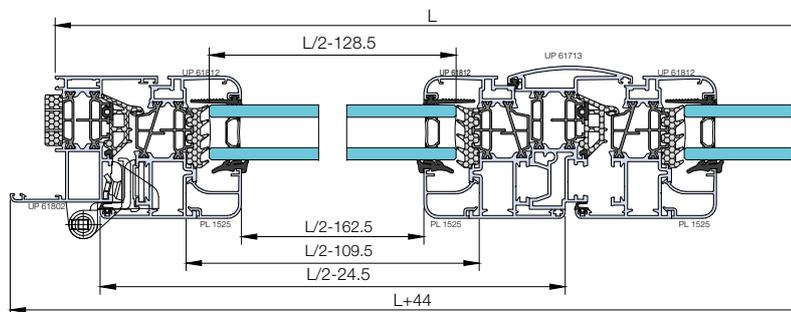
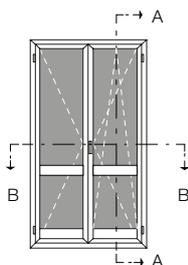
T/T door window 2 leaf lowered threshold

Distinta vetri

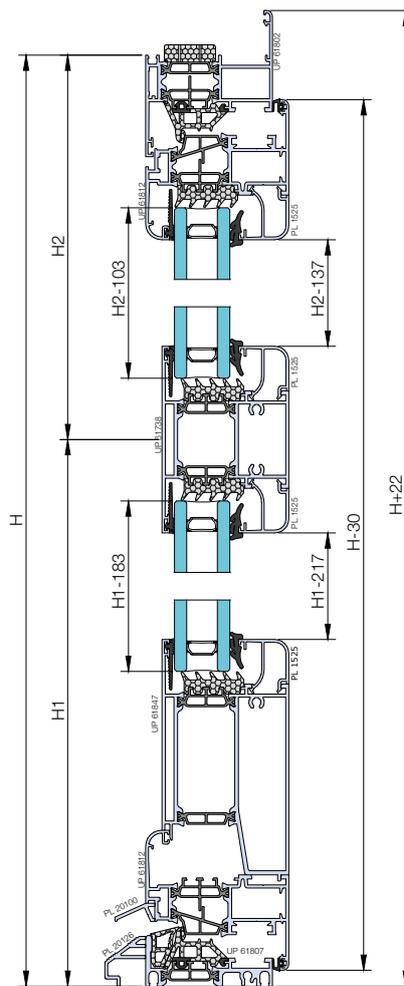
Guess list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio inferiore <i>sil transom frame</i>	1	L+44	
	Traverso telaio superiore <i>head transom frame</i>	2	H+22	
UP 61807	Soglia ribassata 25mm <i>low threshold 25</i>	1	L-47	
UP 61812	Traverso anta <i>transom leaf</i>	4	L/2-24.5	
	Montante anta <i>mullion leaf</i>	4	H-30	
PL 1525	Traverso fermavetro <i>transom glazing bead</i>	8	L/2-162.5	
	Montante fermavetro <i>mullion glazing bead</i>	4	H1-217	
	Montante fermavetro <i>mullion glazing bead</i>	4	H2-137	
UP 61847	Zoccolo riportato <i>fitted base</i>	2	L/2-109.5	
PL 20126	Rinforzo soglia ribassata <i>low threshold</i>	1	L	
PL 20100	Gocciolatoio <i>drip fin</i>	1	L/2-24.5	
		1	L/2-90.5	
UP 61713	Riperto centrale <i>central cap</i>	1	H-100	
UP 61738	Fascia <i>crosspiece</i>	2	L/2-109.5	

DISTINTE DI TAGLIO

Cutting lists

Distinta guarnizioni

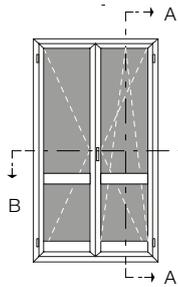
Gaskets list

Articolo	Descrizione	Pezzi	Misura
AGP 4000	Battuta <i>wall seal</i>	4	L/2-24.5
		3	H-30
AGP 40131	Sotto vetro <i>glazing strip</i>	8	L/2-106.5
		4	H1-163
		4	H2-83
AGP 62172	Pinna giunto aperto <i>central beat</i>	2	L-124
		3	H-114
ACP 6502	Guarnizione supplementare <i>additional gasket</i>	1	L
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	8	L/2-128.5
		4	H1-183
		4	H2-103
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	8	L/2-128.5
		4	H1-183
		4	H2-103
AGP 4006	Battuta riperto <i>rabbet gasket</i>	1	H-100
AGP 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	1 2	H

Distinta accessori

Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione <i>corner cleat</i>	10 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	20 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	10 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	8 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner bracket</i>	10 pz
ACP 5030	Spina ø3mm <i>ø3mm pin</i>	20 pz
ACP 7208	Cavalotto allineamento <i>alignment clamp</i>	8 pz
ACP 50476	Kit anta ribalta <i>tilt & turn set</i>	1 kit
ACP 50446/..	Braccio anta ribalta <i>tilt & turn arm</i>	1 pz
ACP 50401	Cremonese aurora <i>cremonese Aurora</i>	1 pz
ACP 50459	Adattatore per cerniere <i>hinge adapter</i>	1 pz
ACP 50422	Kit catenaccioli <i>nylon bolt set</i>	1 kit
ACP 50421	Kit punto di chiusura registrabile <i>adjustable locking point kit</i>	1 pz
ACP 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 62180M	Tappo riperto <i>plug for central connection profile</i>	1 cp
ACP 62185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 5014	Angolini fermavetro <i>casement windows set</i>	16 pz



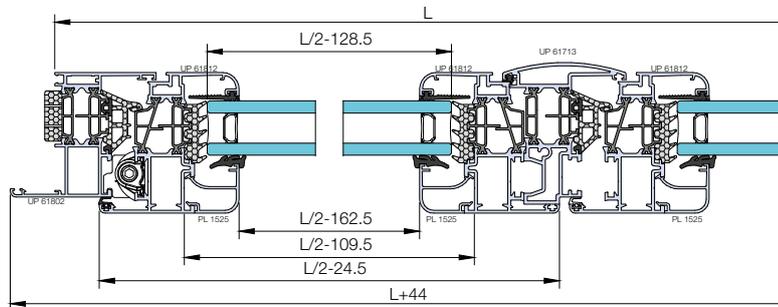
Porta finestra 2 ante ribalta SECRET soglia ribassata

T/T door window 2 leaf SECRET lowered threshold

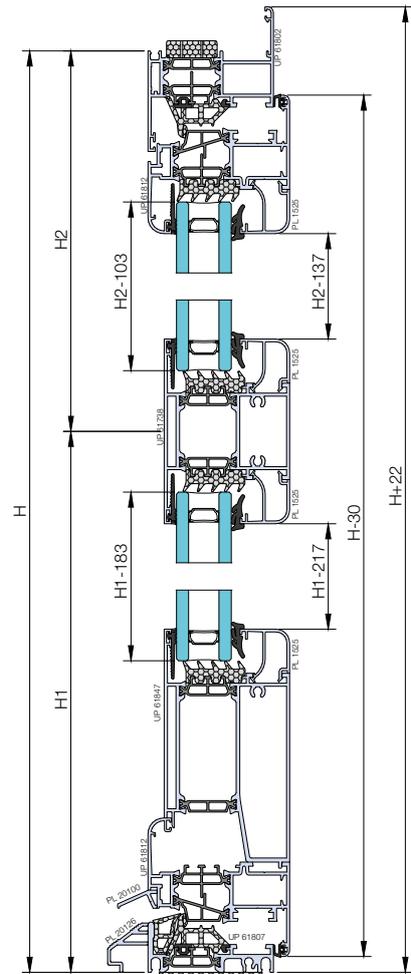
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Profiles list Distinta profili

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio inferiore sill transom frame	1	L+44	
	Traverso telaio superiore head transom frame	2	H+22	
UP 61807	Soglia ribassata 25mm low threshold 25	1	H-47	
UP 61812	Traverso anta transom leaf	4	L/2-24.5	
	Montante anta mullion leaf	4	H-30	
PL 1525	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	
UP 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/2-24.5	
		1	L/2-90.5	
UP 61713	Riparto centrale central cap	1	H-100	
UP 61738	Fascia crosspiece	2	L/2-109.5	

Distinta guarnizioni

Articolo	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	4	L/2-24.5
		3	H-30
AGP 40131	Sotto vetro glazing strip	8	L/2-106.5
		4	H1-163
		4	H2-83
AGP 62172	Pinna giunto aperto central beat	2	L-124
		3	H-114
ACP 6502	Guarnizione supplementare additional gasket	1	L
Dipende dal vetro	Vetro esterna external glass gasket	8	L/2-128.5
		4	H1-183
		4	H2-103
Dipende dal vetro	Vetro interna internal glass gasket	8	L/2-128.5
		4	H1-183
		4	H2-103
AGP 4006	Battuta riparto rabbet gasket	1	H-100
AGP 5037	Isolamento muro wall insulation	1	L
AGP 5034/25	Isolamento spalla abutment insulation	1	H
		2	H

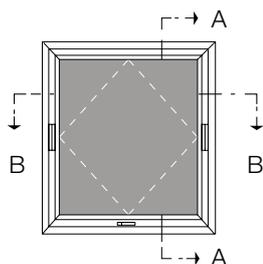
Gaskets list

Accessories Distinta accessori

Articolo	Descrizione	Q.tà
ACP 5801M	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	10 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 ø3mm pin	20 pz
ACP 7208	Cavalotto allineamento alignment clamp	8 pz
ACP 5150/D	Kit anta ribalta SECRET tilt & turn SECRET kit	1 kit
ACP 50478	Kit A/R standard per EXENS tilt & turn set for EXENS	1 kit
ACP 50314	Exens aurora exens Aurora	1 pz
ACP 5161	Kit cerniere anta passiva hinge for passive leaf	1 kit
ACP 5157	Kit catenaccioli con manovra bolt set	1 kit
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 62180M	Tappo riparto plug for central connection profile	1 cp
ACP 62185	Angolo vulcanizzato vulcanized corner	4 pz
ACP 5014	Angolini fermavetro casement windows set	16 pz

DISTINTE DITAGLIO

Cutting lists

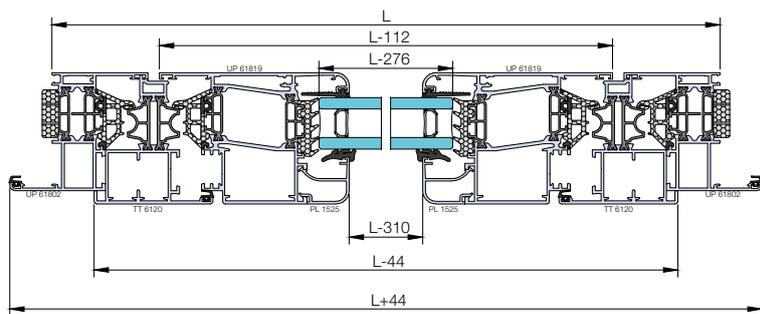


Bilico orizzontale
Horizontal pivot window glazing bead solution

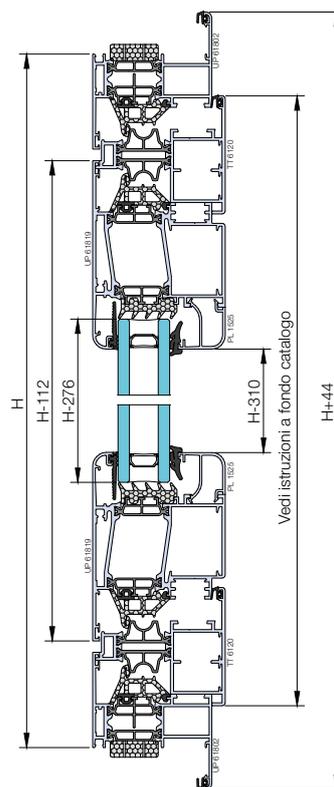
Distinta vetri
Glass list

Pezzi	L	H
1	L-276	H-276

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio transom frame	2	L+44	
	Montante telaio mullion frame	2	H+44	
UP 61819	Traverso anta transom leaf	2	L-112	
	Montante anta mullion leaf	2	H-112	
PL 1525	Traverso fermavetro transom glazing bead	2	L-310	
	Montante fermavetro mullion glazing bead	2	H-310	
TT 6120	Traverso inversion transom	2	L-44	
	Montante inversion mullion	Vedi istruzioni a fondo catalogo		

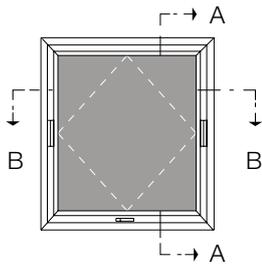
Distinta accessori
Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione corner cleat	8 pz
ACP 5802	Squadretta multifunzione corner cleat	4 pz
ACP 5001	Vite per squadretta screw for corner cleat	24 pz
ACP 5008	Squadretta all. inox inox corner cleat	8 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	4 pz
ACP 50153	Squadretta cianfrinare est. alignment corner bracket	4 pz
ACP 50154	Squadretta cianfrinare est. alignment corner bracket	4pz
ACP 5030	Spina $\varnothing 3\text{mm}$ $\varnothing 3\text{mm}$ pin	16 pz
ACP 5092	Frizione bilico friction joint for horizontal pivot window	1 cp
ACP 5094	Spessore frizione bilico shim friction	2 pz
ACP 50458	Kit chiusura 6 punti bilico 6 locking points horizontal pivot window	1 kit
ACP 50252	Martellina Aurora Aurora martellina	1 pz
ACP 50267	Meccanismo martellina martellina mechanism	1 pz
ACP 50268	Perno per ACP 50267 pin for ACP 50267	2 pz
ACP 50119	Tappi inversione bilico horizontal pivot plugs	1 kit
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 62185	Angolo vulcanizzato vulcanized corner	4 pz
ACP 5014	Angolini fermavetro casement windows set	4 pz

Distinte di taglio
Cutting lists

Distinta guarnizioni
Gaskets list

Articolo	Descrizione	Pezzi	Misura
AGP 4000	Battuta wall seal	2 2	L-44 H-44
AGP 40131	Sotto vetro glazing strip	2 2	L-256 H-256
AGP 62172	Pinna giunto aperto central beat	2 2 2	L-112 H-112 L-144 H-144
Dipende dal vetro	Vetro esterna external glass gasket	2 2	L-276 H-276
Dipende dal vetro	Vetro interna internal glass gasket	2 2	L-276 H-276
AGP 5037	Isolamento muro wall insulation	1	L
AGP 5034/25	Isolamento spalla abutment insulation	1 2	L H

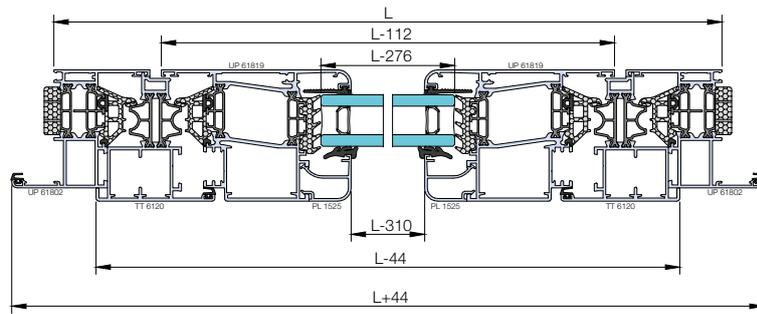


Bilico orizzontale
Horizontal pivot window glazing bead solution

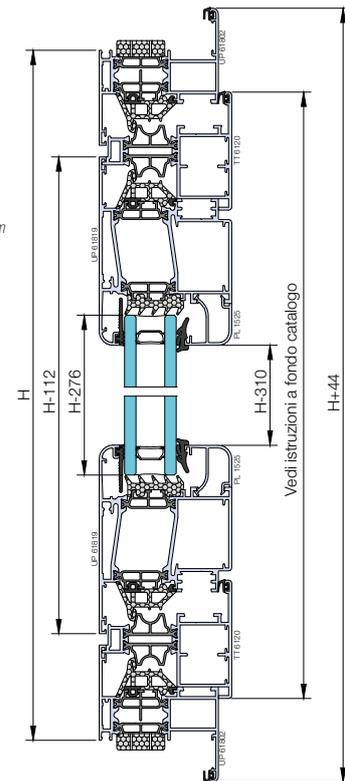
Distinta vetri
Glass list

Pezzi	L	H
1	L-276	H-276

ANTA MINIMA REALIZZABILE 600mm *Minimum leaf achievable 600mm*



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61802	Traverso telaio <i>transom frame</i>	2	L+44	
	Montante telaio <i>mullion frame</i>	2	H+44	
UP 61819	Traverso anta <i>transom leaf</i>	2	L-112	
	Montante anta <i>mullion leaf</i>	2	H-112	
PL 1525	Traverso fermavetro <i>transom glazing bead</i>	2	L-310	
	Montante fermavetro <i>mullion glazing bead</i>	2	H-310	
TT 6120	Traverso inversione <i>transom inversion</i>	2	L-44	
	Montante inversione <i>mullion inversion</i>	Vedi istruzioni a fondo catalogo		

Distinta accessori
Accessories

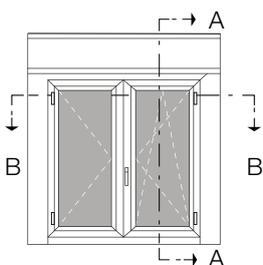
Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione <i>corner cleat</i>	8 pz
ACP 5802	Squadretta multifunzione <i>corner cleat</i>	4 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	24 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	8 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	4 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner bracket</i>	4 pz
ACP 50154	Squadretta cianfrinare est. <i>alignment corner bracket</i>	4pz
ACP 5030	Spina $\varnothing 3\text{mm}$ <i>3mm pin</i>	16 pz
ACP 5091M	Frizione bilico <i>friction joint for horizontal pivot window</i>	1 cp
ACP 5100	Contropiastre frizione bilico <i>friction striking plates</i>	1 kit
ACP 50458	Kit chiusura 6 punti bilico <i>6 locking points horizontal pivot window</i>	1 kit
ACP 50252	Martellina Aurora <i>Aurora martellina</i>	1 pz
ACP 50267	Meccanismo martellina <i>martellina mechanism</i>	1 pz
ACP 50268	Perno per ACP 50267 <i>pin for ACP 50267</i>	2 pz
ACP 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 62185	Angolo vulcanizzato <i>vulcanized corner</i>	4 pz
ACP 5014	Angolini fermavetro <i>casement windows set</i>	4 pz

Distinta guarnizioni
Gaskets list

Articolo	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 62172	Pinna giunto aperto <i>central beat</i>	2	L-112
		2	H-112
		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 5037	Isolamento muro <i>wall insulation</i>	1	L
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	1	L
		2	H

DISTINTE DI TAGLIO

Cutting lists

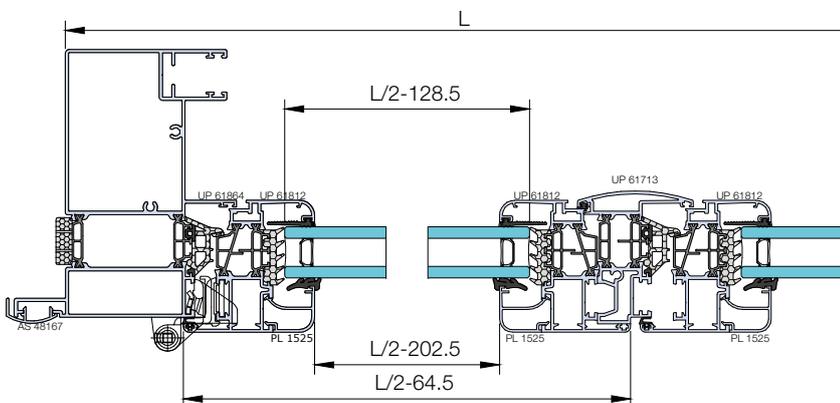


Monoblocco 2 ante ribalta
T/T 2 leaf monoblock windows

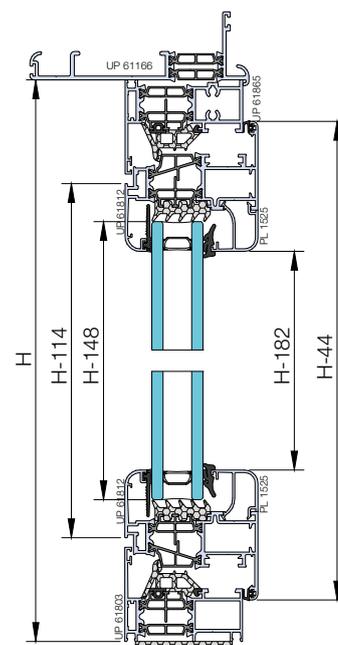
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili

Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61803	Traverso telaio inferiore sil transom frame	1	L-128	
UP 61865	Traverso telaio superiore head transom frame	1	L-128	
UP 61864	Montante telaio mullion frame	2	H	
UP 61812	Traverso anta transom leaf	4	L/2-64.5	
	Montante anta mullion leaf	4	H-44	
PL 1525	Traverso fermavetro transom glazing bead	4	L/2-202.5	
	Montante fermavetro mullion glazing bead	4	H-182	
UP 61713	Riporto centrale central cap	1	H-114	
UP 61166	Celino monoblocco monobloc celino	1	L	

Distinta accessori

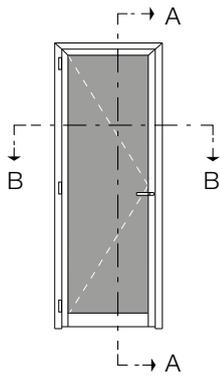
Accessories

Articolo	Descrizione	Q.tà
ACP 5801M	Squadretta multifunzione corner cleat	8 pz
ACP 5001	Vite per squadretta screw for corner cleat	16 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	8 pz
ACP 5030	Spina ø3mm ø3mm pin	16 pz
ACP 50476	Kit anta ribalta tilt & turn set	1 kit
ACP 50446/..	Braccio anta ribalta tilt & turn arm	1 pz
ACP 50401	Cremonese aurora cremonese Aurora	1 pz
ACP 50456	Cerniere hinge	2 kit
ACP 50459	Adattatori per cerniere hinge adapter	1 pz
ACP 50422	Kit catenaccioli nylon bolt set	1 kit
ACP 50421	Kit punto di chiusura locking point kit	1 kit
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 62180M	Tappo riporto plug for central connection profile	1 cp
ACP 62185	Angolo vulcanizzato vulcanized corner	4 pz
ACP 5014	Angolini fermavetro casement windows set	8 pz

Distinta guarnizioni

Gaskets list

Articolo	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 62172	Pinna giunto aperto central beat	2 3	L-198 H-124
Dipende dal vetro	Vetro esterna external glass gasket	4	L/2-169
		4	H-148
Dipende dal vetro	Vetro interna internal glass gasket	4	L/2-169
		4	H-148
AGP 4006	Battuta riporto rabbet gasket	1	H-114
AGP 5037	Isolamento muro wall insulation	1	L
AGP 5034/25	Isolamento spalla abutment insulation	2	H

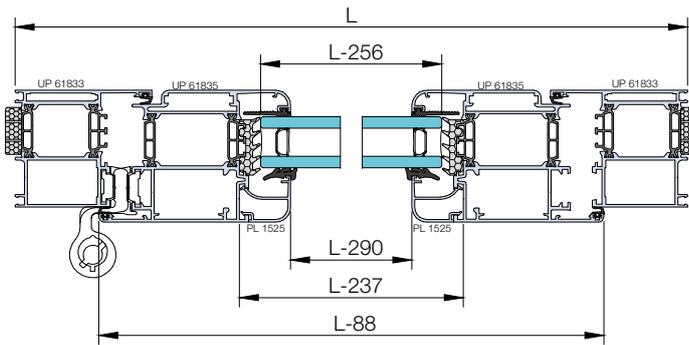


Portoncino 1 anta apertura interna
Open in 1 leaf entrance door

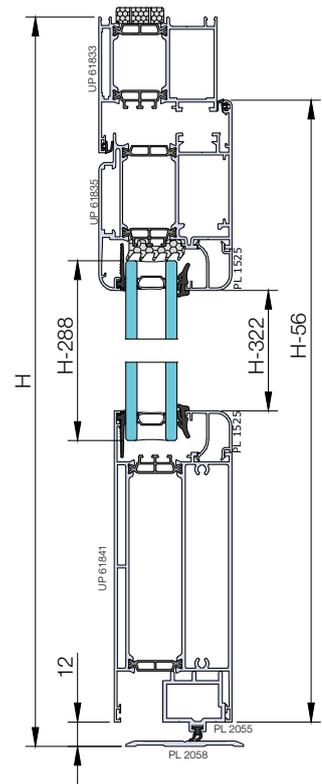
Distinta vetri
Glass list

Pezzi	L	H
1	L-256	H-288

ANTA MINIMA REALIZZABILE 600mm *Minimum leaf achievable 600mm*



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61833	Traverso telaio superiore <i>head transom frame</i>	1	L	
	Montante telaio <i>mullion frame</i>	2	H	
UP 61835	Traverso anta <i>transom leaf</i>	2	L-88	
	Montante anta <i>mullion leaf</i>	2	H-56	
PL 1525	Traverso fermavetro <i>transom glazing bead</i>	2	L-290	
	Montante fermavetro <i>mullion glazing bead</i>	2	H-322	
UP 61841	Zoccolo <i>fitted base</i>	1	L-237	
PL 2055	Porta spazzolino <i>brush holder</i>	1	L-237	
PL 2056	Soglia calpestabile <i>treadable sill</i>	1	L-100	

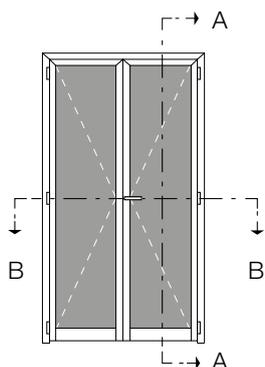
Distinta accessori
Accessories

Articolo	Descrizione	Q.tà
ACP 5802	Squadretta multifunzione <i>corner cleat</i>	4 pz
ACP 5001	Vite per squadretta <i>screw for corner cleat</i>	8 pz
ACP 5008	Squadretta all. inox <i>inox corner cleat</i>	2 pz
ACP 50110	Squadretta all. eccentrico <i>alignment corner cleat with tightening eccentrics</i>	2 pz
ACP 50153	Squadretta cianfrinare est. <i>alignment corner bracket</i>	4 pz
ACP 5030	Spina ø3mm <i>Ø3mm pin</i>	8 pz
ACP 9918N	Cerniera Strong Evo <i>Strong Evo hinge</i>	3 pz
ACP 50239	Doppia maniglia <i>double handle</i>	1 pz
ACP 50536	Regolo muro obliquo <i>oblique wall spacer</i>	6/8 pz
ACP 6272	Tappo sottoporta per UP 61835 <i>underdoor plug</i>	1 cp
ACP 5014	Angolini fermavetro <i>casement windows set</i>	4 pz

Distinta guarnizioni
Gaskets list

Articolo	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-268
Dipende dal vetro	Vetro esterna <i>external glass gasket</i>	2	L-236
		2	H-288
Dipende dal vetro	Vetro interna <i>internal glass gasket</i>	2	L-256
		2	H-288
AGP 7202	Guarnizione sottoporta <i>glazing strip gasket</i>	1	L
AGP 5034/25	Isolamento spalla <i>abutment insulation</i>	1	L
		2	H

DISTINTE DITAGLIO
Cutting lists



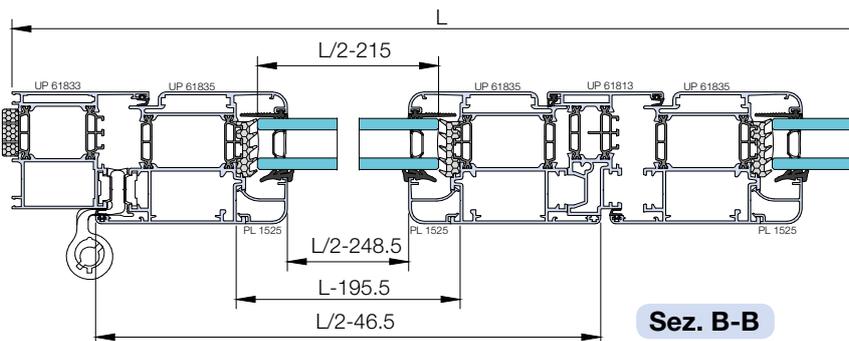
Portoncino 2 ante apertura interna

Open in 2 leaf entrance door

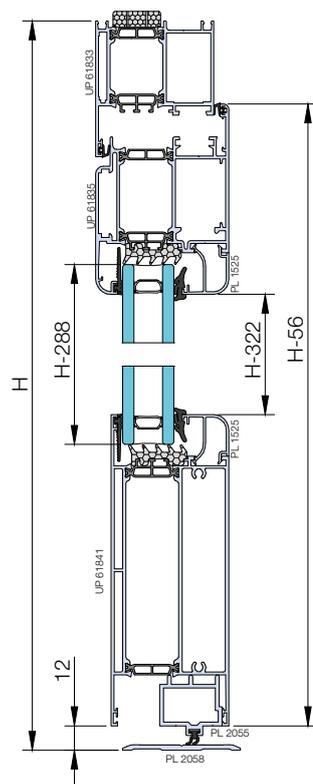
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61833	Traverso telaio superiore head transom frame	1	L	
	Montante telaio mullion frame	2	H	
UP 61835	Traverso anta transom leaf	2	L/2-46.5	
	Montante anta mullion leaf	4	H-56	
PL 1525	Traverso fermavetro transom glazing bead	4	L/2-248.5	
	Montante fermavetro mullion glazing bead	4	H-322	
UP 61813	Riporto centrale central cap	1	H-91	
UP 61841	Zoccolo fitted base	2	L/2-195.5	
PL 2055	Porta spazzolino brush holder	2	L/2-195.5	
PL 2056	Soglia calpestabile treadable sill	1	L-100	

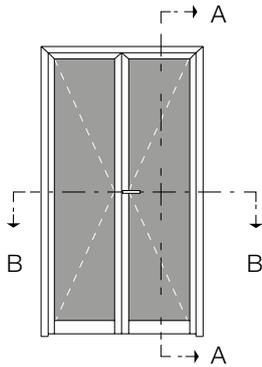
Distinta accessori
Accessories

Articolo	Descrizione	Q.tà
ACP 5802	Squadretta multifunzione corner cleat	6 pz
ACP 5001	Vite per squadretta screw for corner cleat	12 pz
ACP 5008	Squadretta all. inox inox corner cleat	4 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	4 pz
ACP 50154	Squadretta cianfrinare est. alignment corner bracket	6 pz
ACP 5030	Spina ø3mm Ø3mm pin	12 pz
ACP 9918N	Cerniera Strong Evo Strong Evo hinge	6 pz
ACP 50239	Doppia maniglia double handle	1 pz
ACP 50422	Catenacciolo nylon bolt set	1 cp
ACP 50582	Incontro asta single rod keeper	1 pz
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 6272	Tappo sottoporta per UP 61835 underdoor plug	2 cp
ACP 6274	Tappo sottoporta per UP 61813 underdoor plug	1 cp
ACP 62178M	Tappo riporto plug for central connection profile	1 cp
ACP 5014	Angolini fermavetro casement windows set	8 pz

Distinte di taglio
Cutting lists

Distinta guarnizioni
Gaskets list

Articolo	Descrizione	Pezzi	Misura
AGP 4000		Battuta wall seal	2 L/2-45.5 1 L-124 6 H-56
		Sotto vetro glazing strip	4 L/2-195 4 H-268
		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 glazing strip gasket	1 L
AGP 4005		Battuta riporto rabbet gasket	1 H-91
AGP 5034/25		Isolamento spalla abutment insulation	1 L 2 H



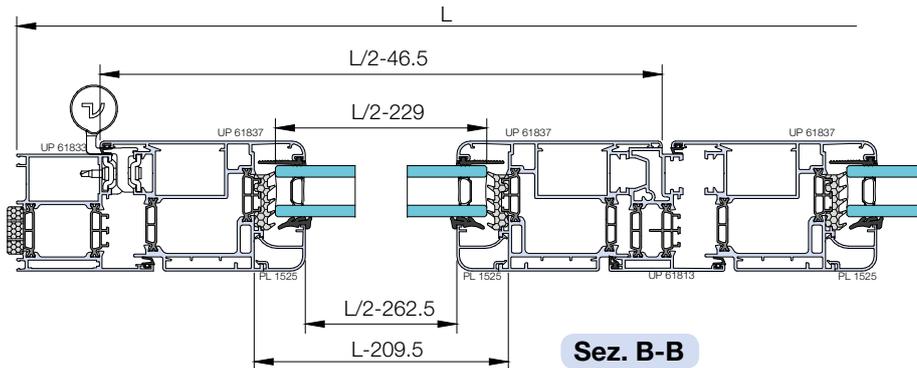
Portoncino 2 ante apertura esterna

Open out 2 leaf entrance door

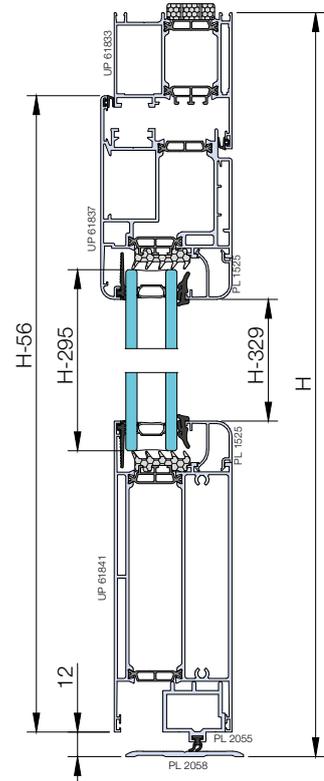
Distinta vetri
Glass list

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

ANTA MINIMA REALIZZABILE 600mm Minimum leaf achievable 600mm



Sez. B-B



Sez. A-A

Distinta profili
Profiles list

Articolo	Descrizione	Pezzi	Misura	Taglio
UP 61833	Traverso telaio superiore head transom frame	1	L	
	Montante telaio mullion frame	2	H	
UP 61837	Traverso anta transom leaf	2	L/2-46.5	
	Montante anta mullion leaf	4	H-56	
PL 1525	Traverso fermavetro transom glazing bead	4	L/2-262.5	
	Montante fermavetro mullion glazing bead	4	H-329	
UP 61813	Riporto centrale central cap	1	H-91	
UP 61841	Zoccolo fitted base	2	L/2-209.5	
PL 2055	Porta spazzolino brush holder	2	L/2-209.5	
PL 2056	Soglia calpestabile treadable sill	1	L-100	

Distinta guarnizioni
Gaskets list

Articolo	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/2-206.5 4 H-275
				Dipende dal vetro	Vetro esterna external glass gasket
Dipende dal vetro	Vetro interna internal glass gasket	4 L/2-229 4 H-295			
AGP 7202		Guarnizione sottoporta glazing strip gasket	1 L		
AGP 4005		Battuta riporto rabbet gasket	1 H-91		
AGP 5034/25		Isolamento spalla abutment insulation	1 L 2 H		

Distinta accessori
Accessories

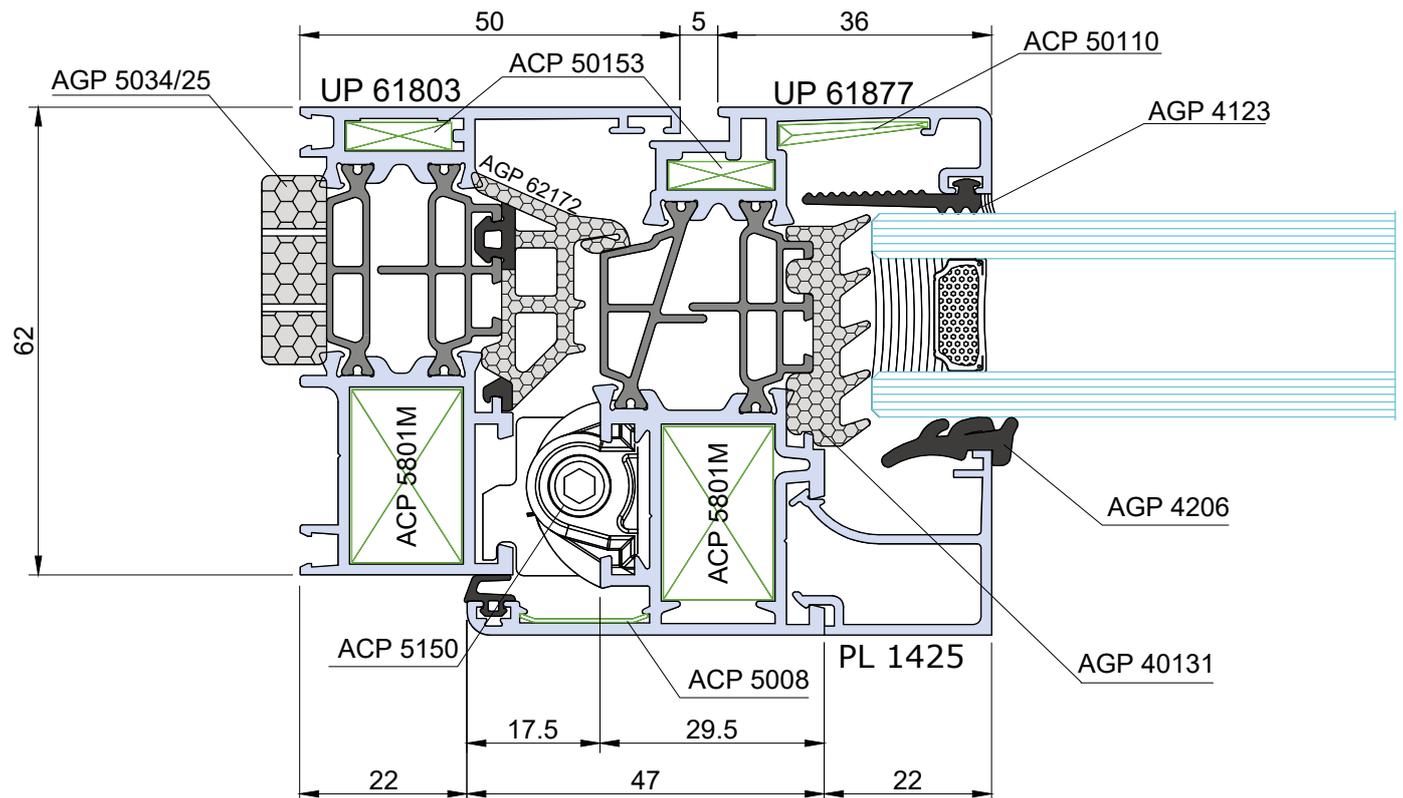
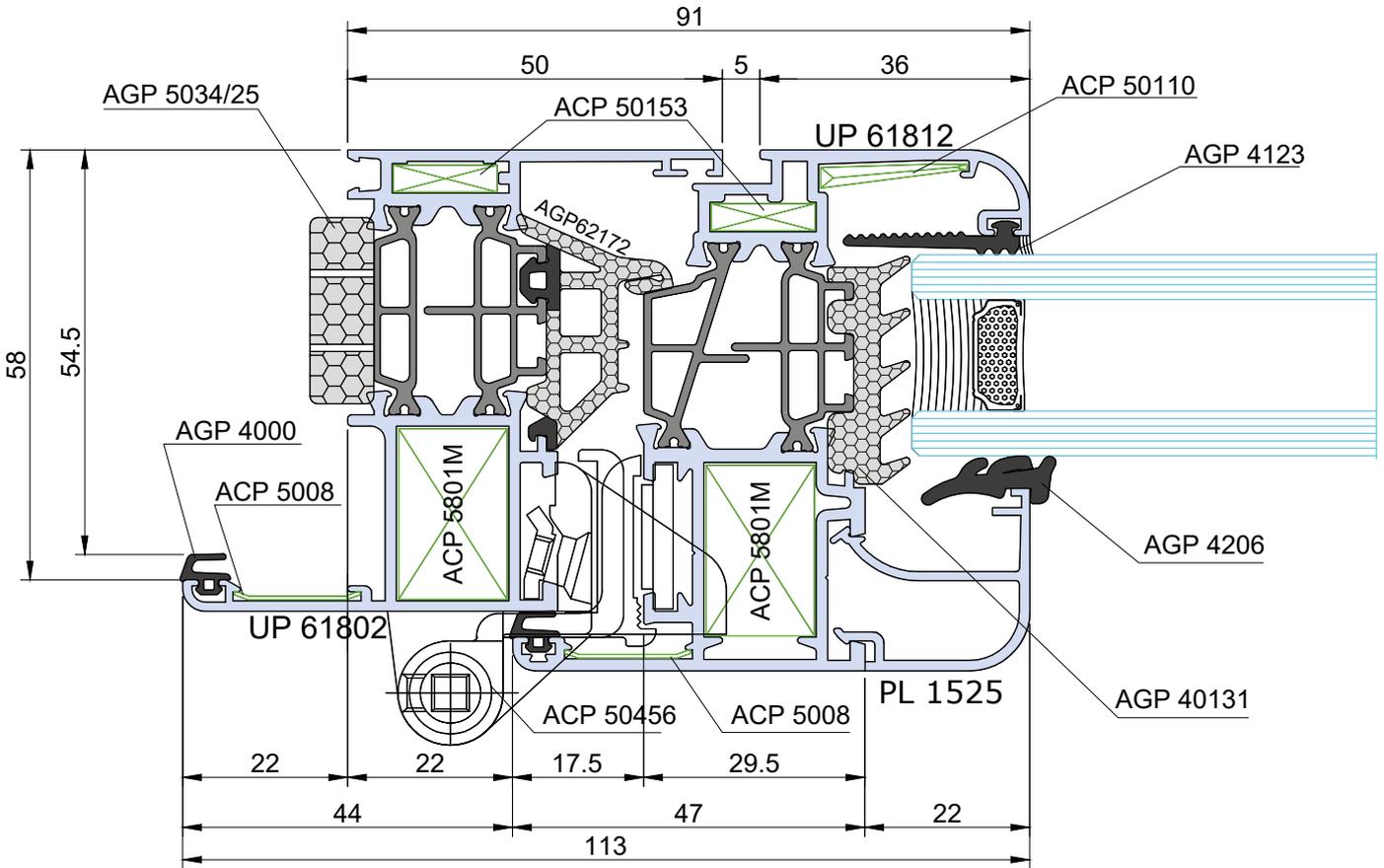
Articolo	Descrizione	Q.tà
ACP 5802	Squadretta multifunzione corner cleat	6 pz
ACP 5001	Vite per squadretta screw for corner cleat	12 pz
ACP 5008	Squadretta all. inox inox corner cleat	4 pz
ACP 50110	Squadretta all. eccentrico alignment corner cleat with tightening eccentrics	4 pz
ACP 50154	Squadretta cianfrinare est. alignment corner bracket	6 pz
ACP 5030	Spina ø3mm Ø3mm pin	12 pz
ACP 9918N	Cerniera Strong Evo Strong Evo hinge	6 pz
ACP 50239	Doppia maniglia double handle	1 pz
ACP 50422	Catenacciolo nylon bolt set	1 cp
ACP 50582	Incontro asta single rod keeper	1 pz
ACP 50536	Regolo muro obliquo oblique wall spacer	6/8 pz
ACP 6273	Tappo sottoporta per UP 61837 underdoor plug	2 cp
ACP 6274	Tappo sottoporta per UP 61813 underdoor plug	1 cp
ACP 62178M	Tappo riporto plug for central connection profile	1 cp
ACP 5014	Angolini fermavetro casement windows set	8 pz

DISTINTE DI TAGLIO
Cutting lists

NODO 01

Apertura interna - finestra a battente - nodo laterale

Inward opening - casement window - lateral section

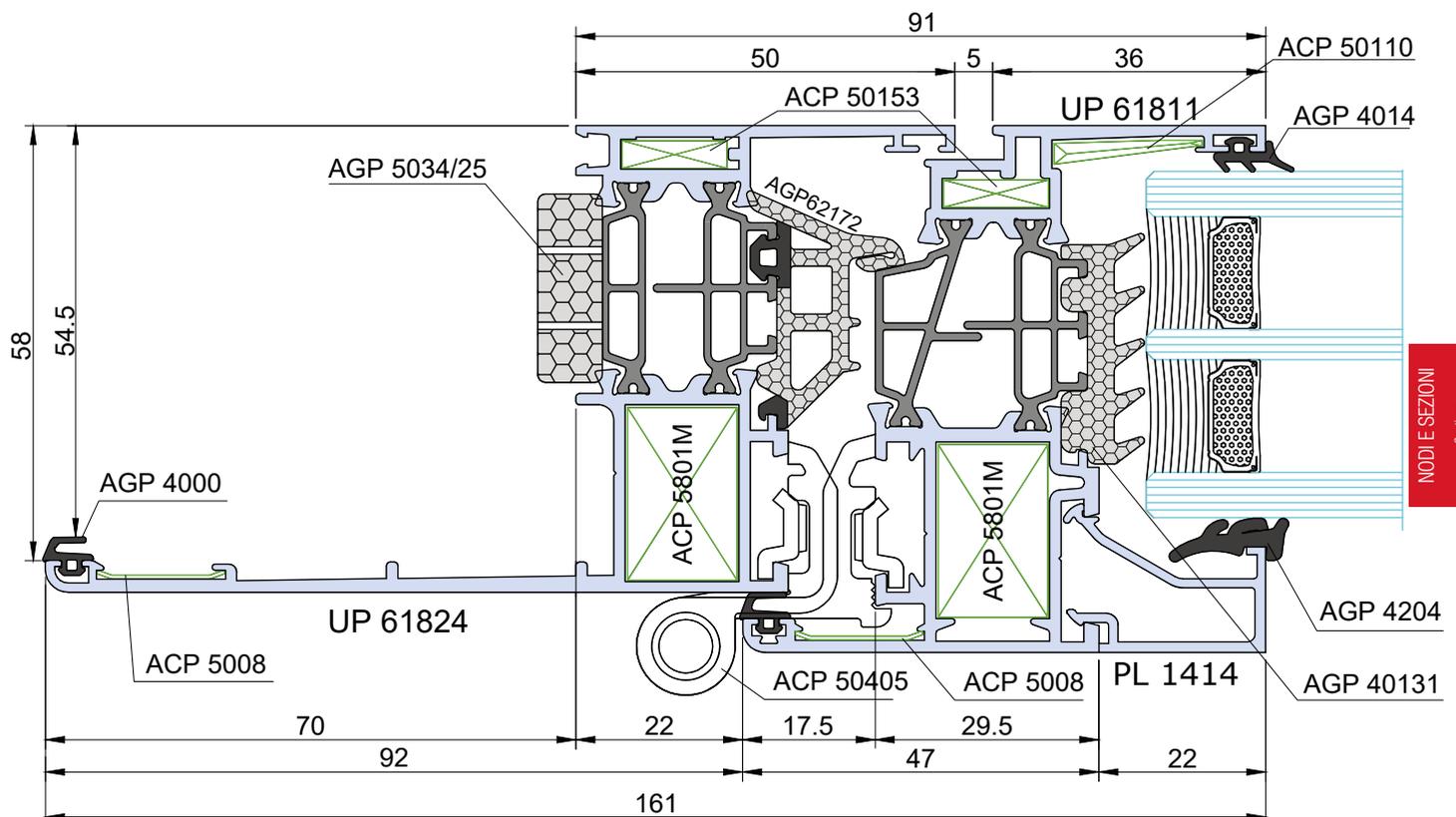
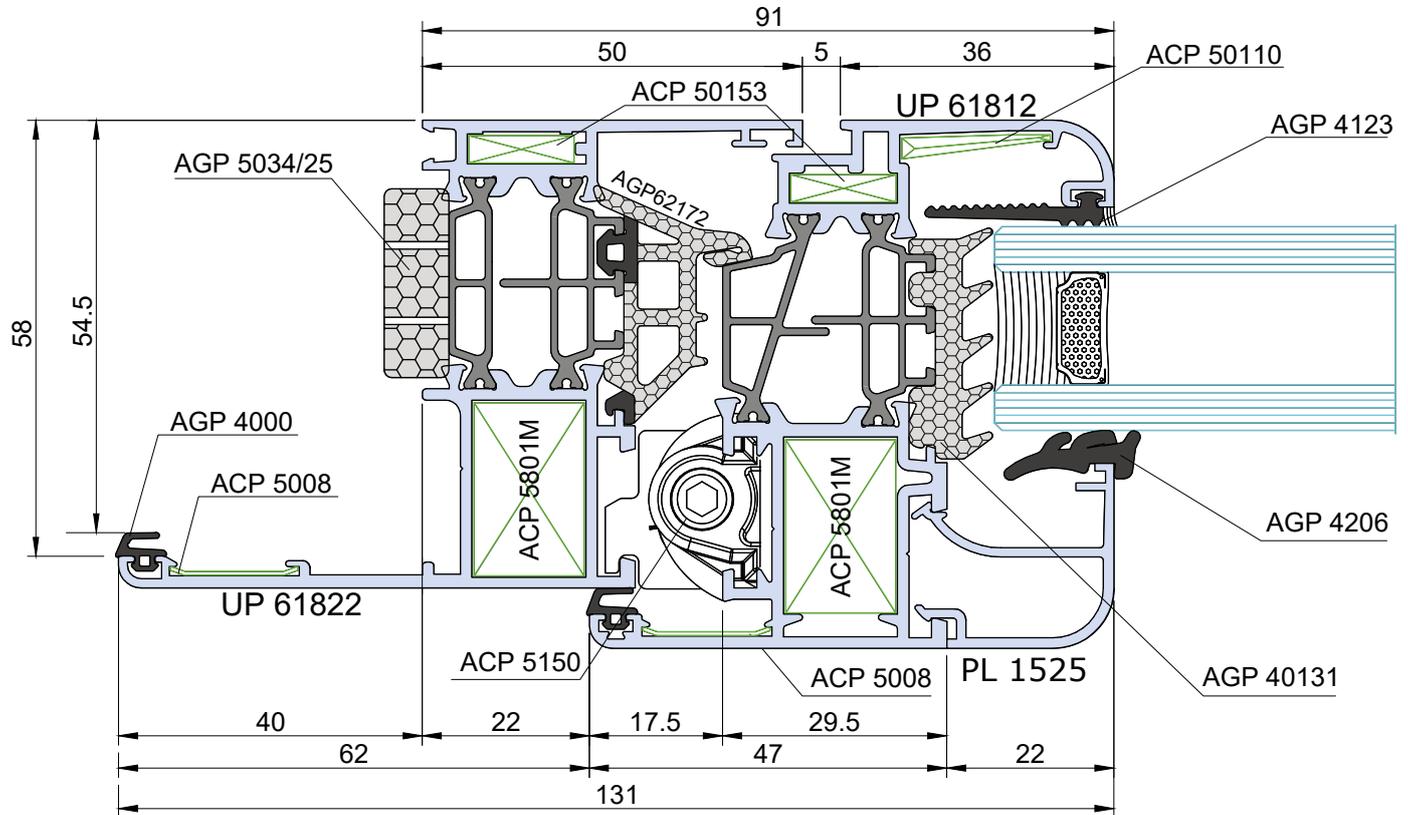


NODI E SEZIONI
Sections

NODO 02

Apertura interna - finestra a battente - nodo laterale

Inward opening - casement window - lateral section

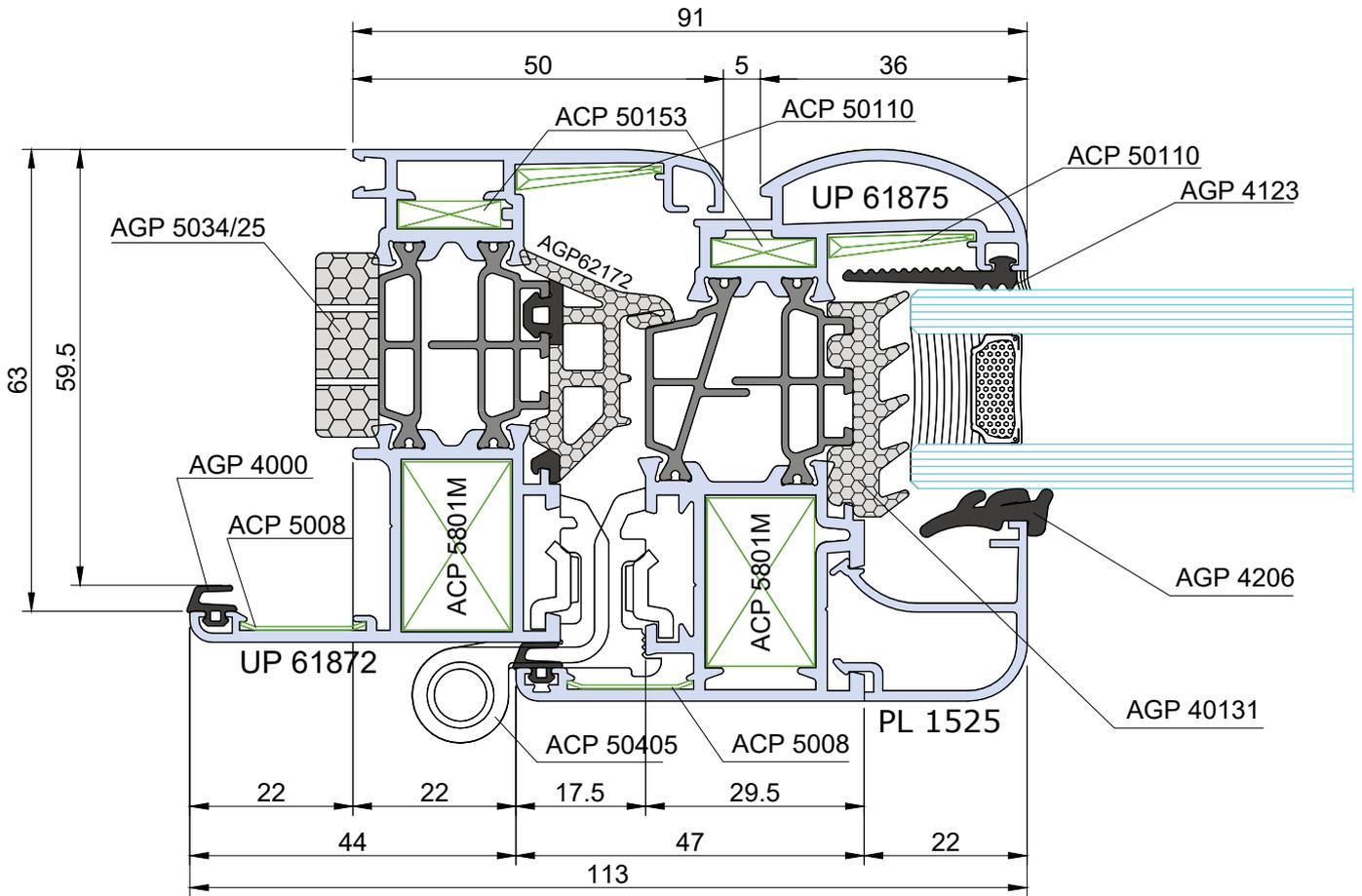


NODI E SEZIONI
Sections

NODO 03

Apertura interna - finestra a battente - nodo laterale

Inward opening - casement window - lateral section



AGP 4031
 PER QUESTA ANTA UTILIZZARE SOTTOVETRO SERIE PLANET 62 TT

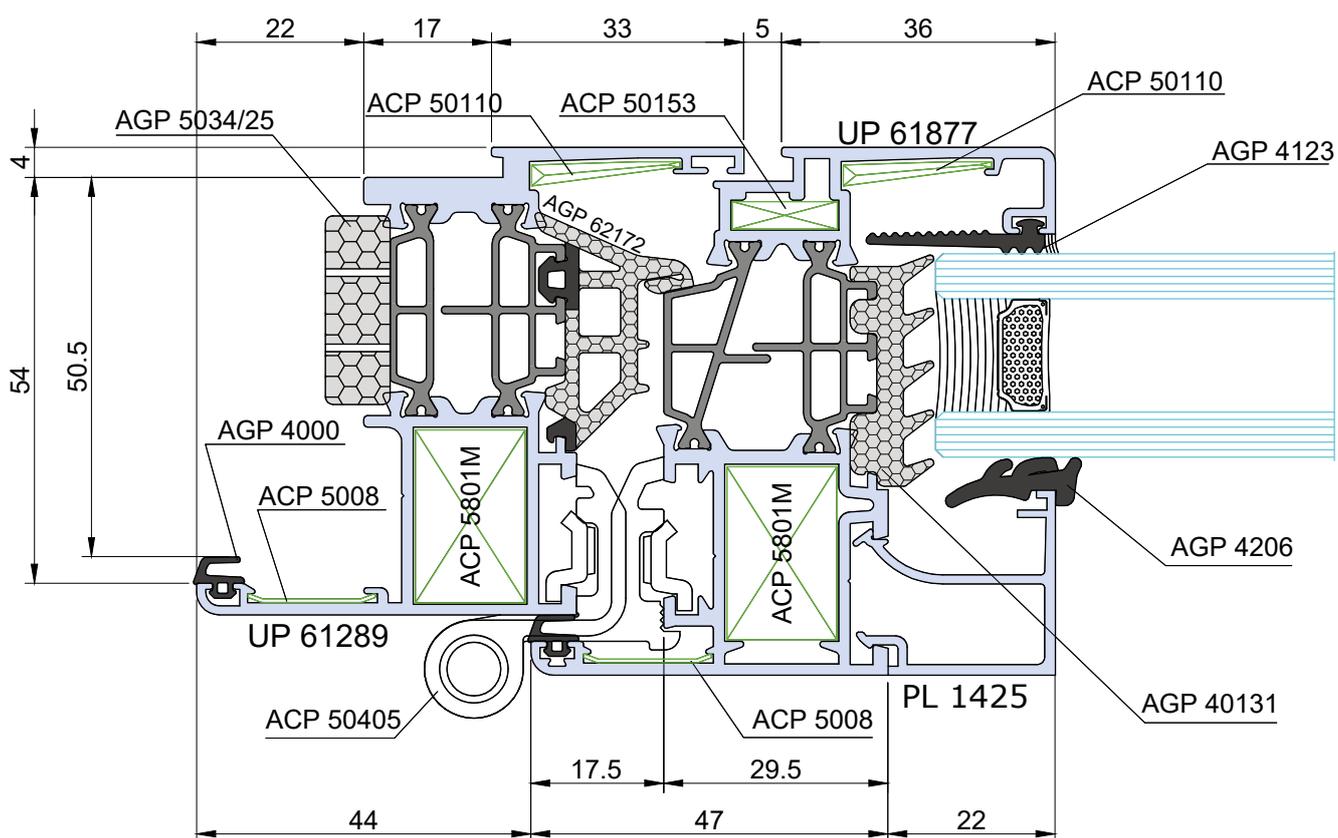
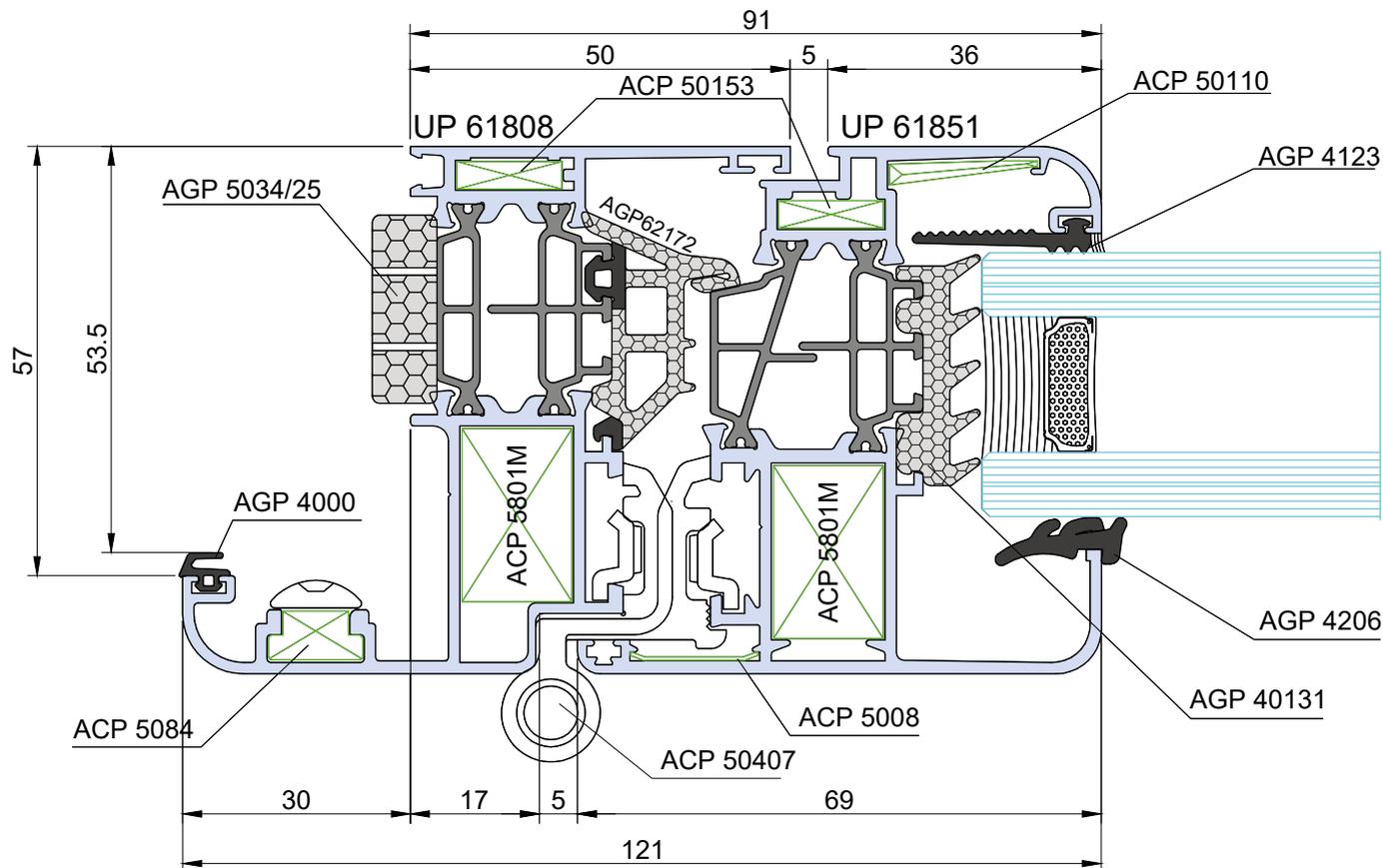


NODI E SEZIONI
Sections

NODO 04

Apertura interna - finestra a battente - nodo laterale

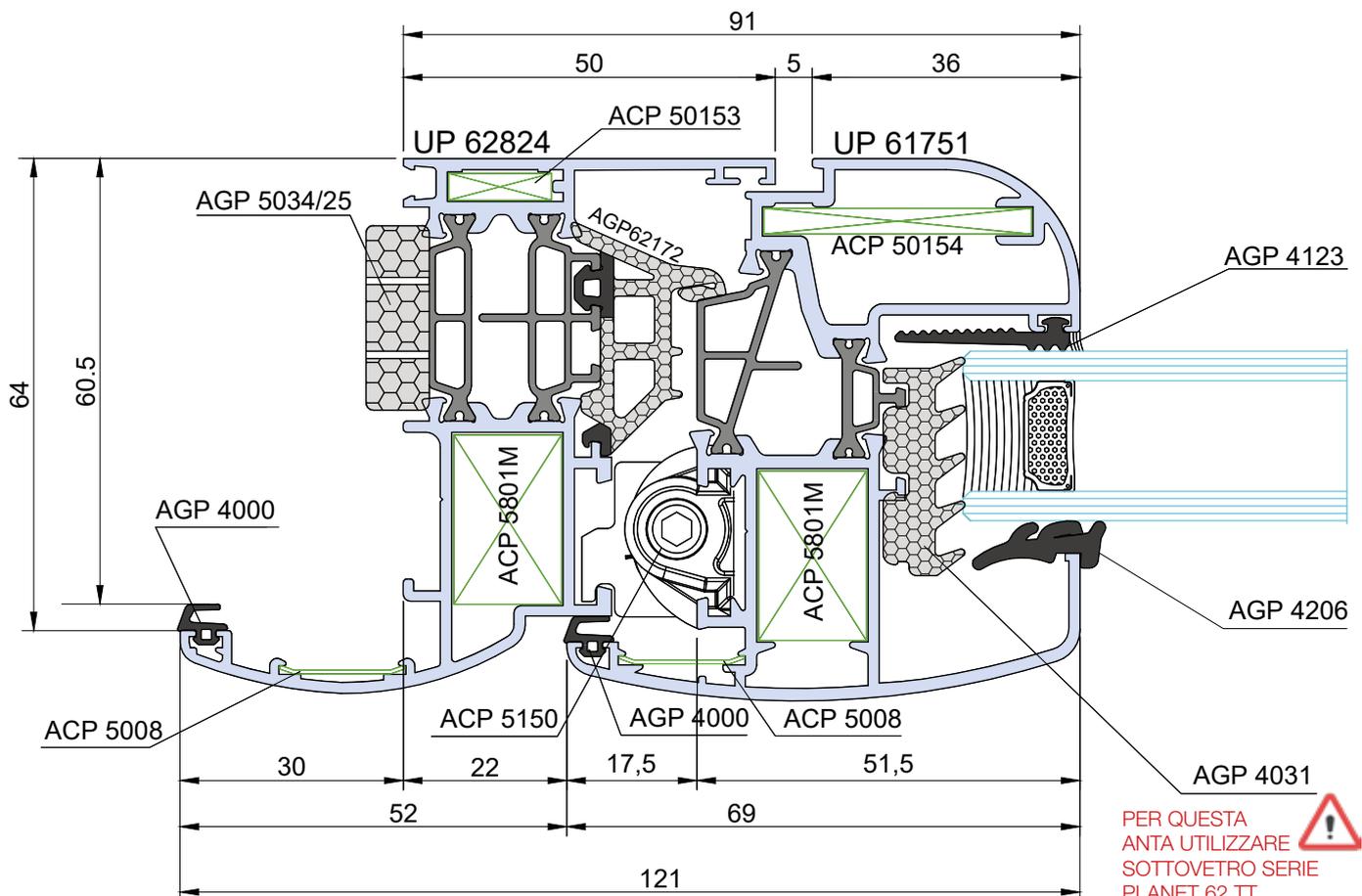
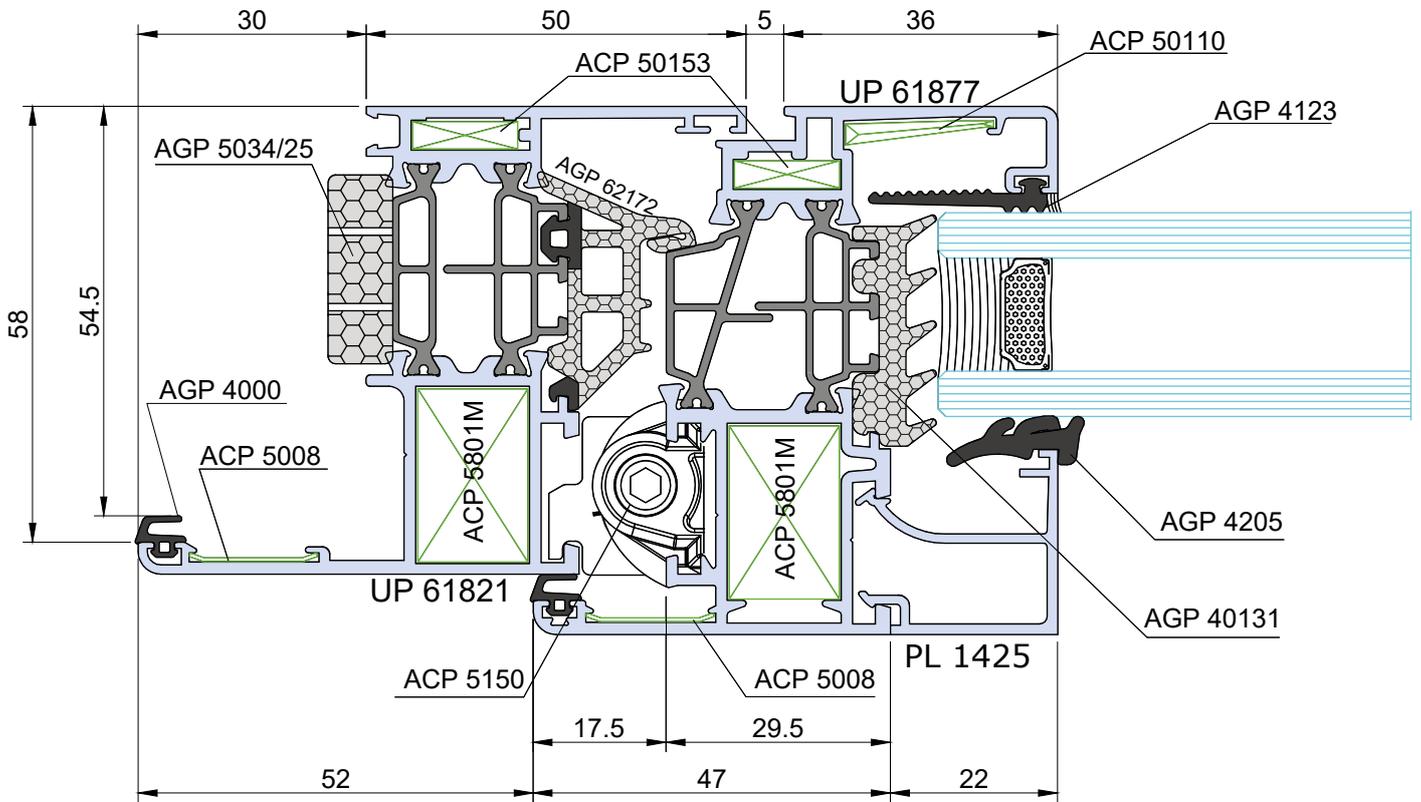
Inward opening - casement window - lateral section



NODO 05

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

Inward opening - casement window - lateral section - Secret fitting

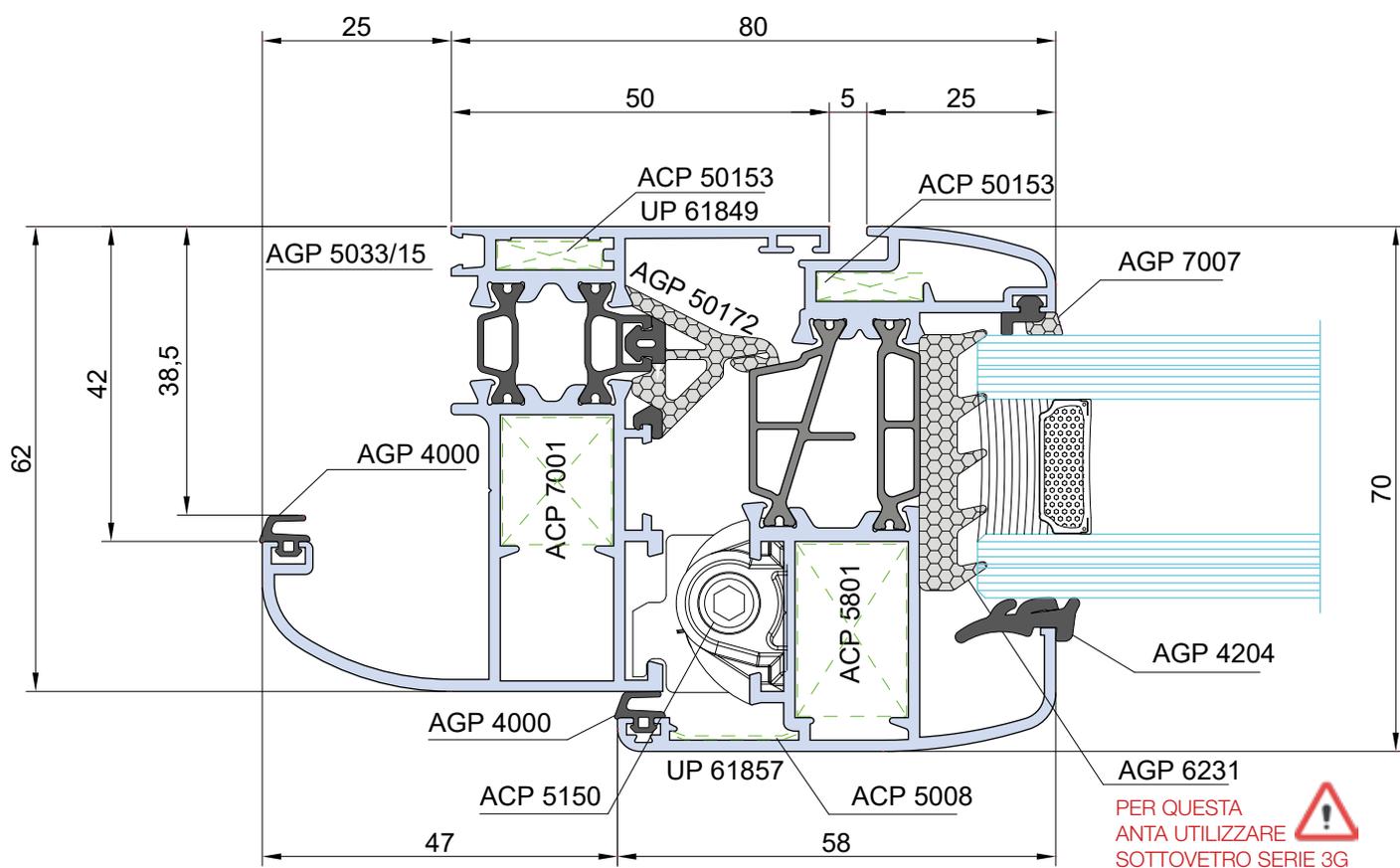


PER QUESTA ANTA UTILIZZARE SOTTOVETRO SERIE PLANET 62 TT

NODO 06

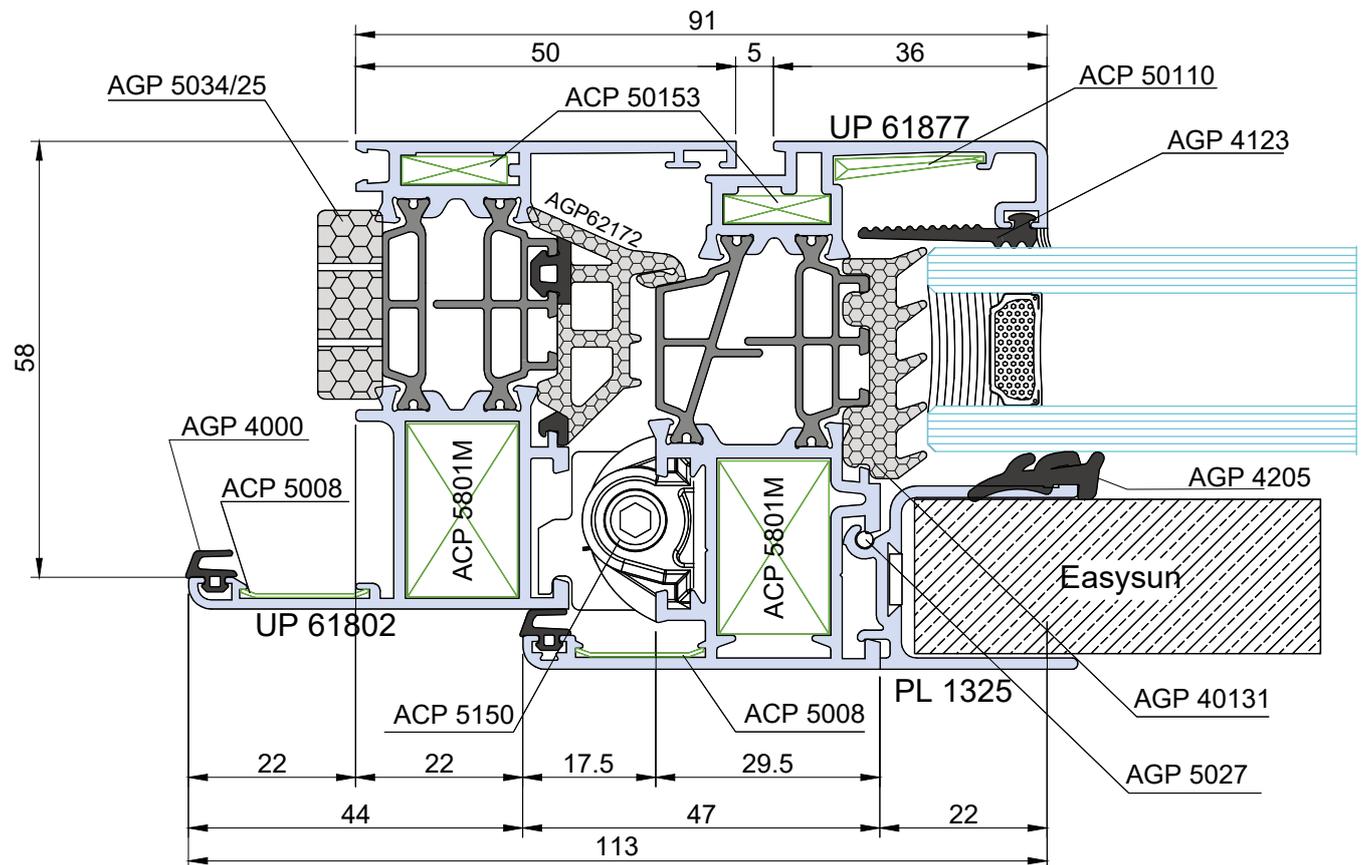
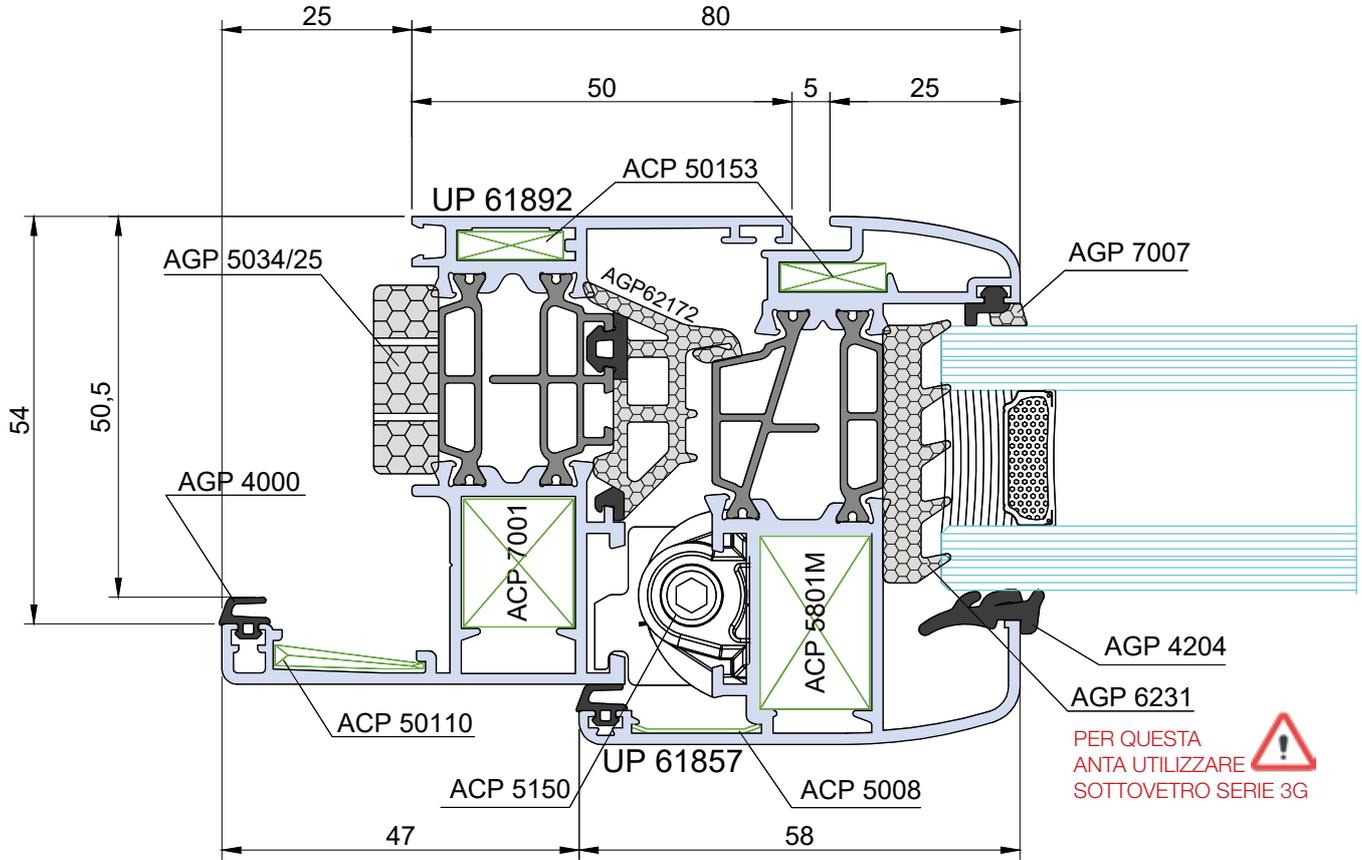
Nodo laterale - apertura interna - ferramenta Secret

Lateral section - inward opening - Secret fitting



NODO 07

Apertura esterna - finestra a battente - nodo laterale - ferramenta Secret - oscurante integrato Easysun
 Outward opening - casement window - lateral section - Secret fitting - inbuilt Easysun shade

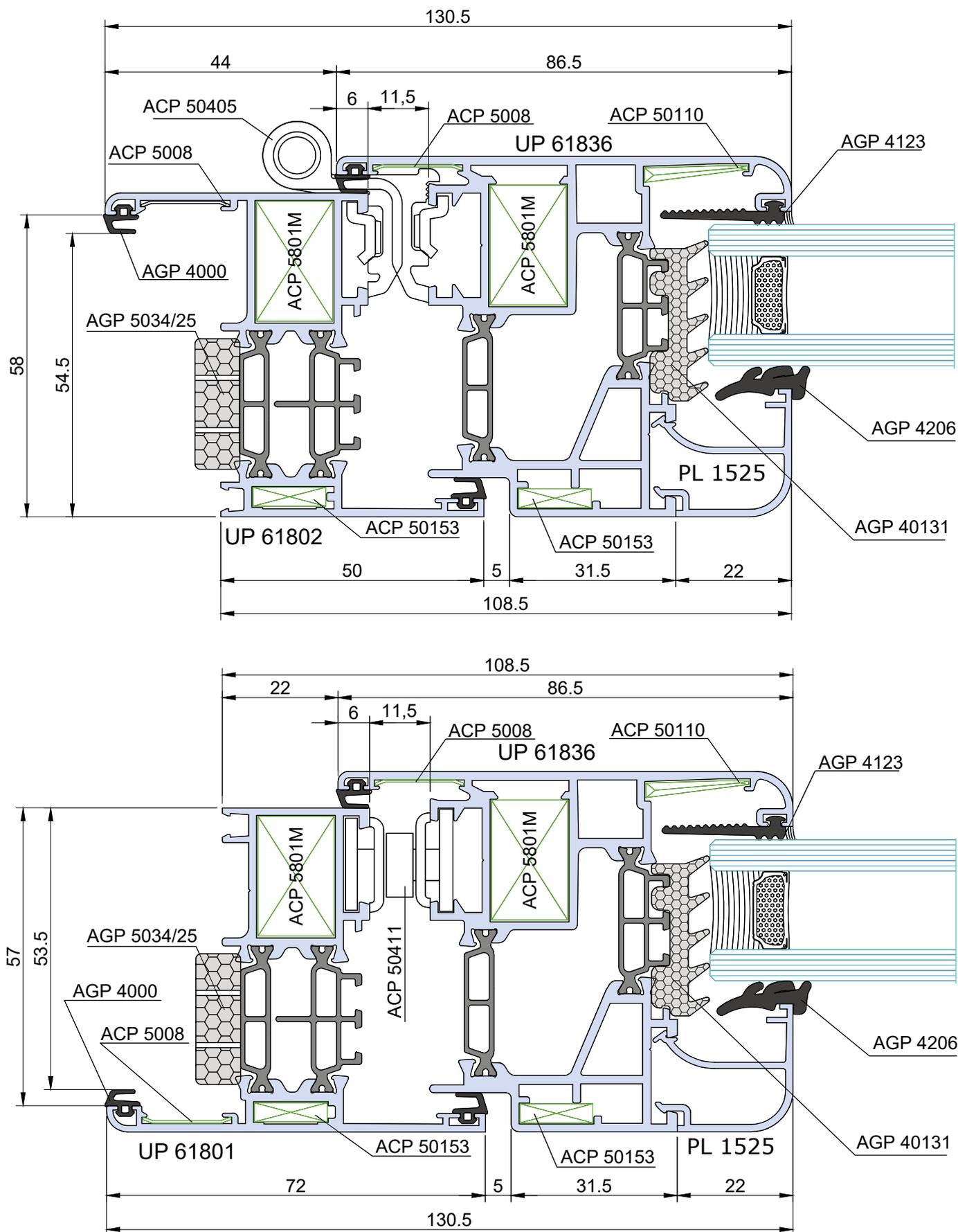


NODI E SEZIONI
Sections

NODO 08

Apertura esterna - finestra a battente - nodo laterale

Outward opening - casement window - lateral section

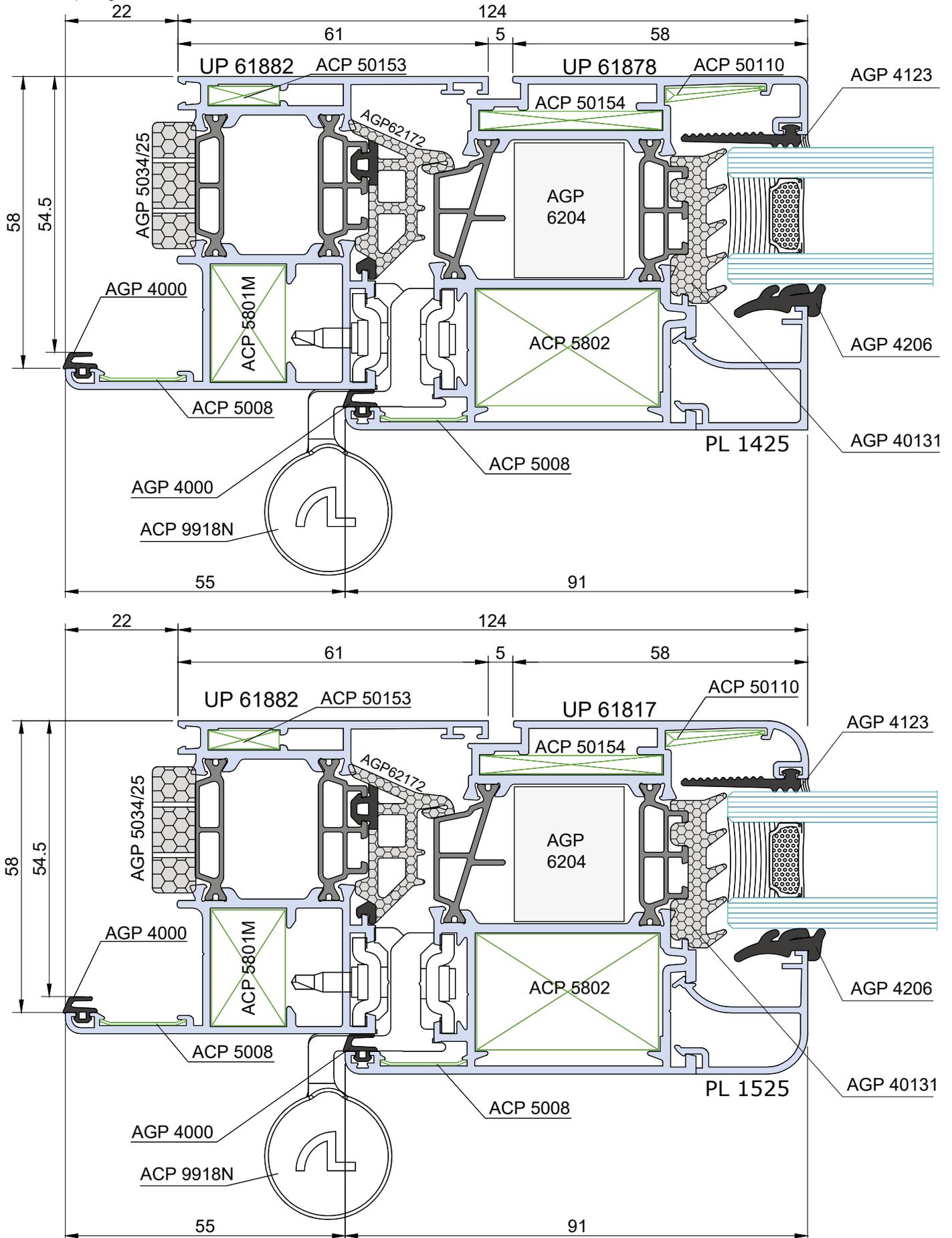


NODI E SEZIONI
Sections

NODO 09

Apertura interna - finestra a battente - nodo laterale

Innerward opening - casement window - lateral section

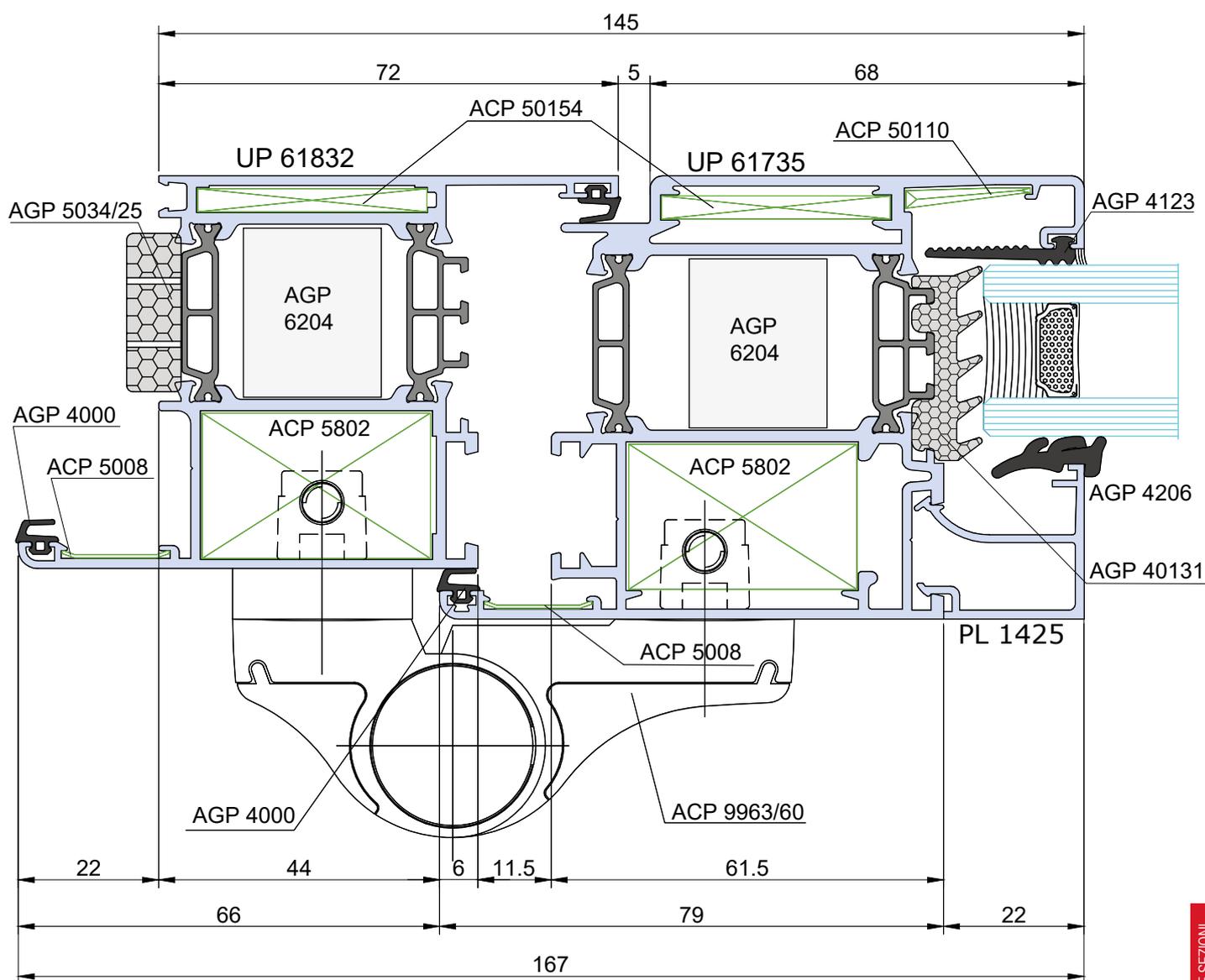


NODI E SEZIONI
Sections

NODO 10

Apertura interna - porta a battente - nodo laterale

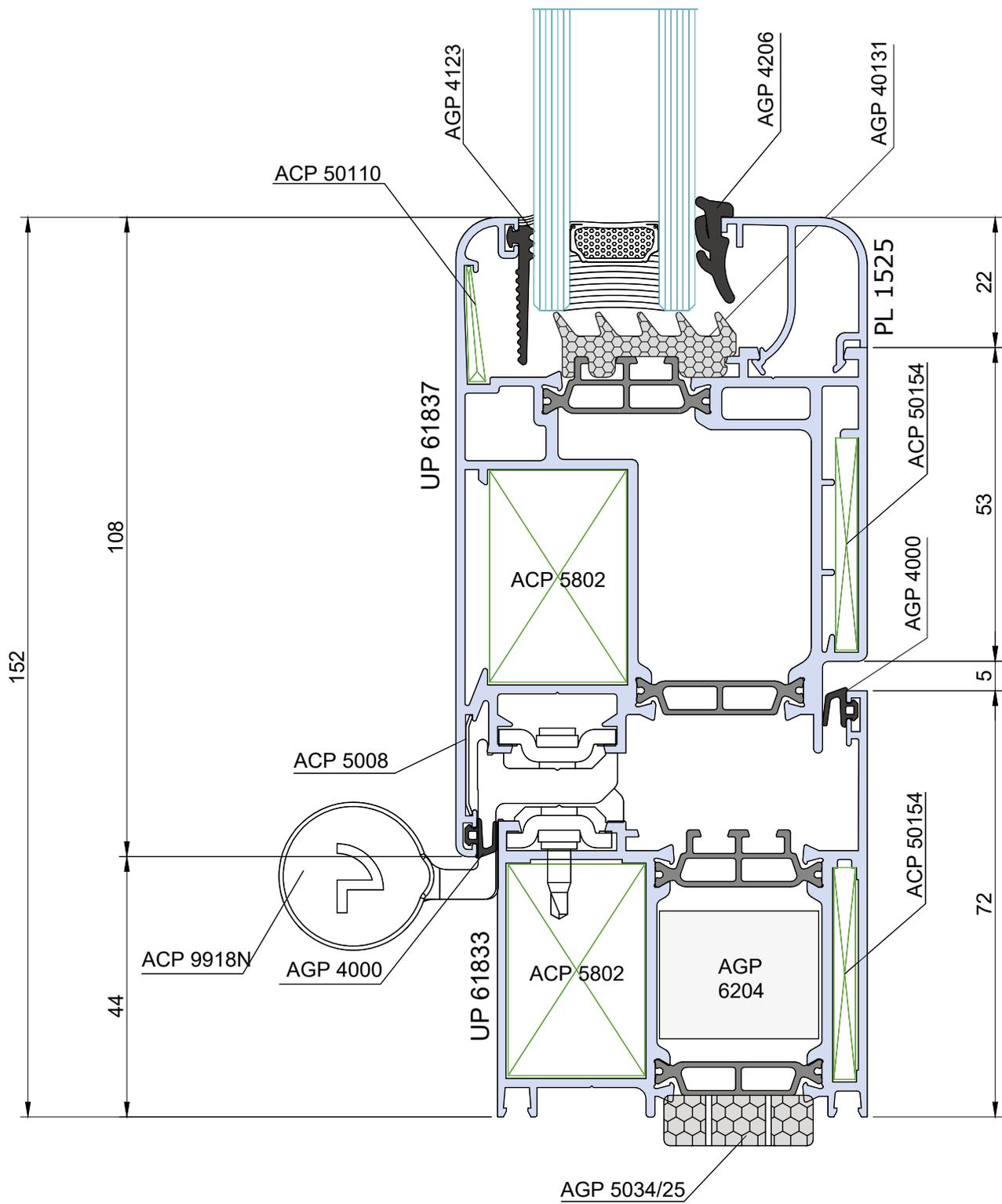
Innerward opening - casement door - lateral section



NODO 11

Apertura esterna - porta a battente - nodo laterale

Outward opening - casement door - lateral section

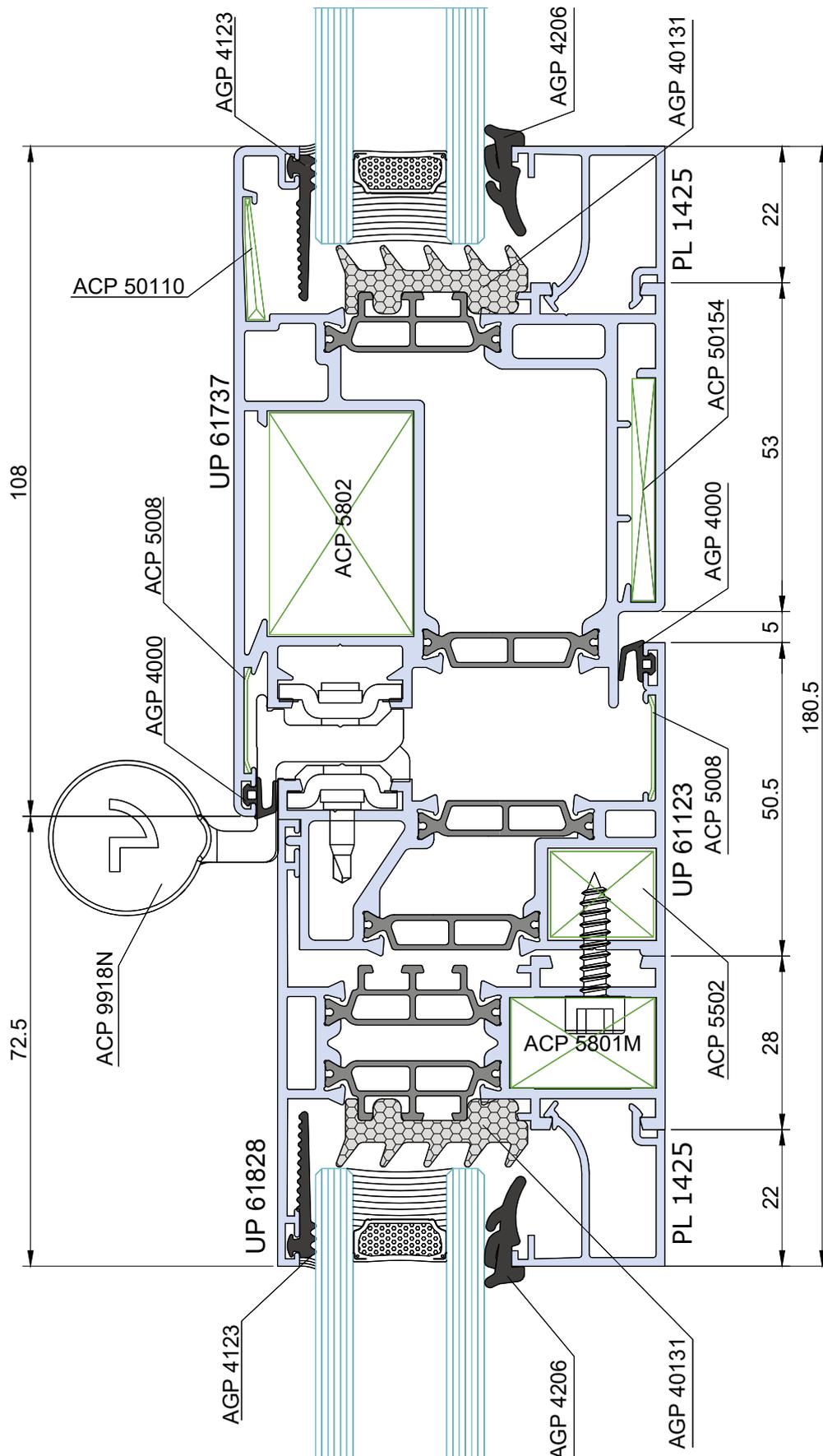


NODI E SEZIONI
Sections

NODO 12

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

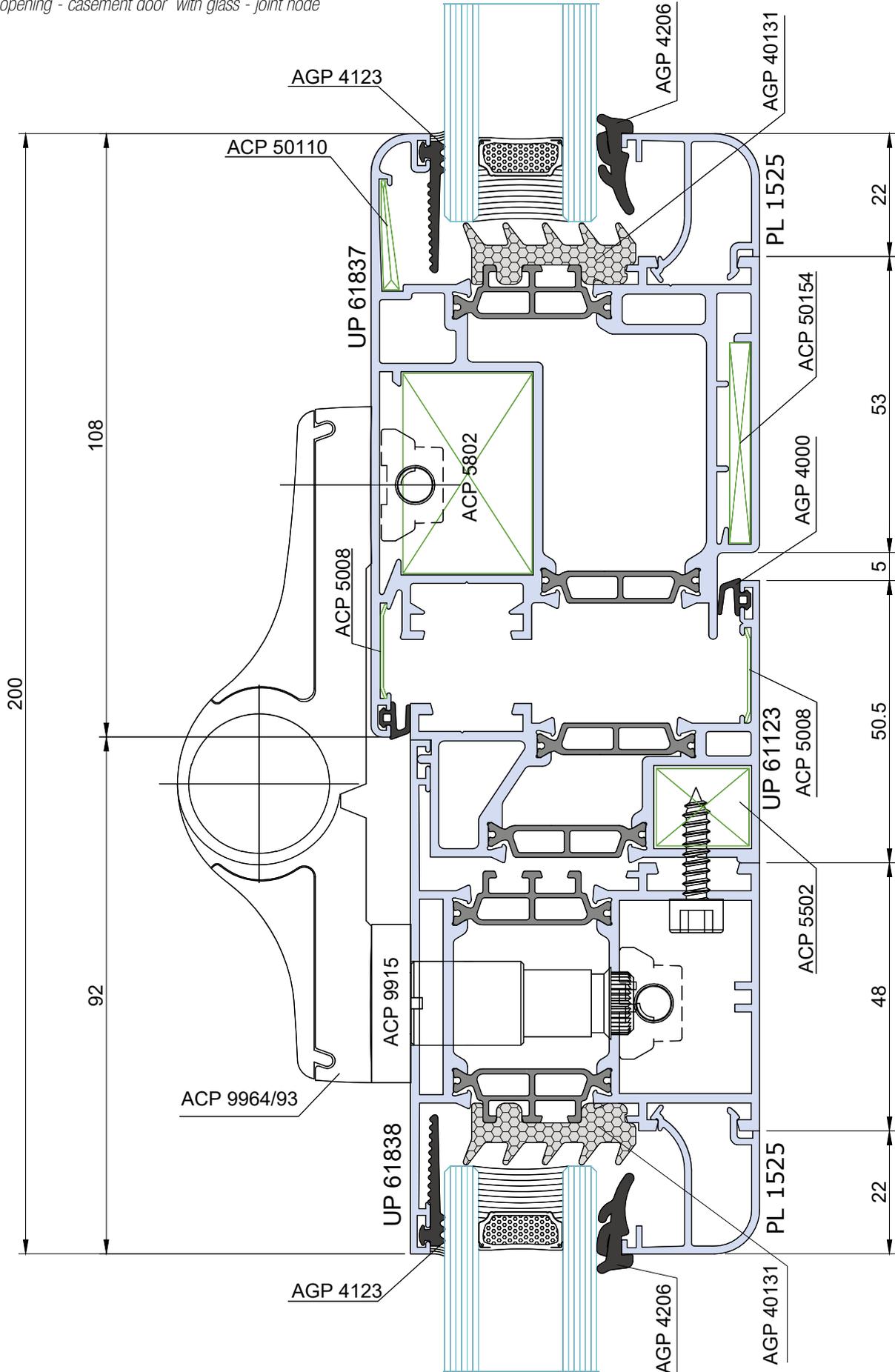
Outward opening - casement door with glass - joint node



NODO 13

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

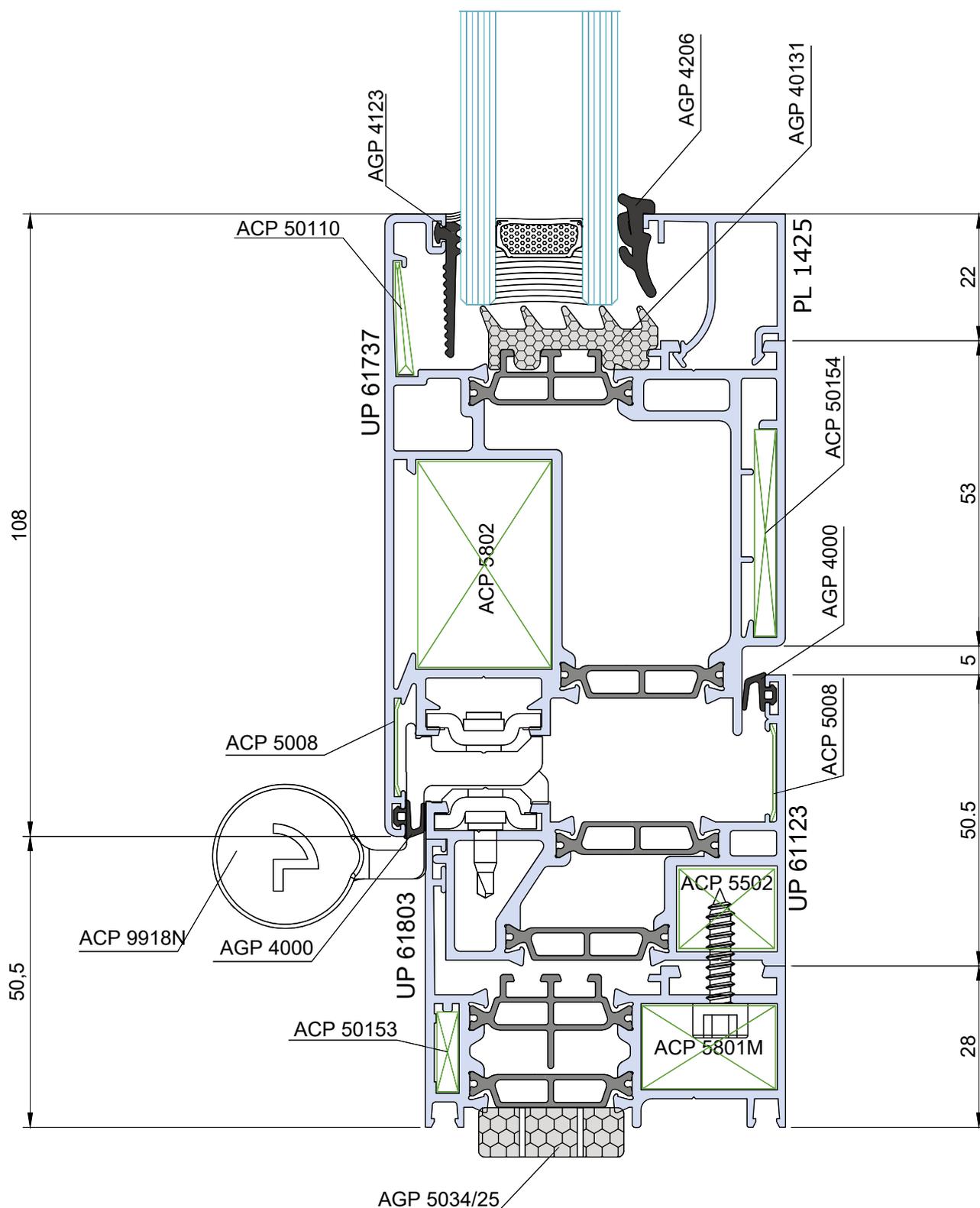
Outward opening - casement door with glass - joint node



NODO 14

Apertura esterna - porta a battente con vetrina - nodo laterale

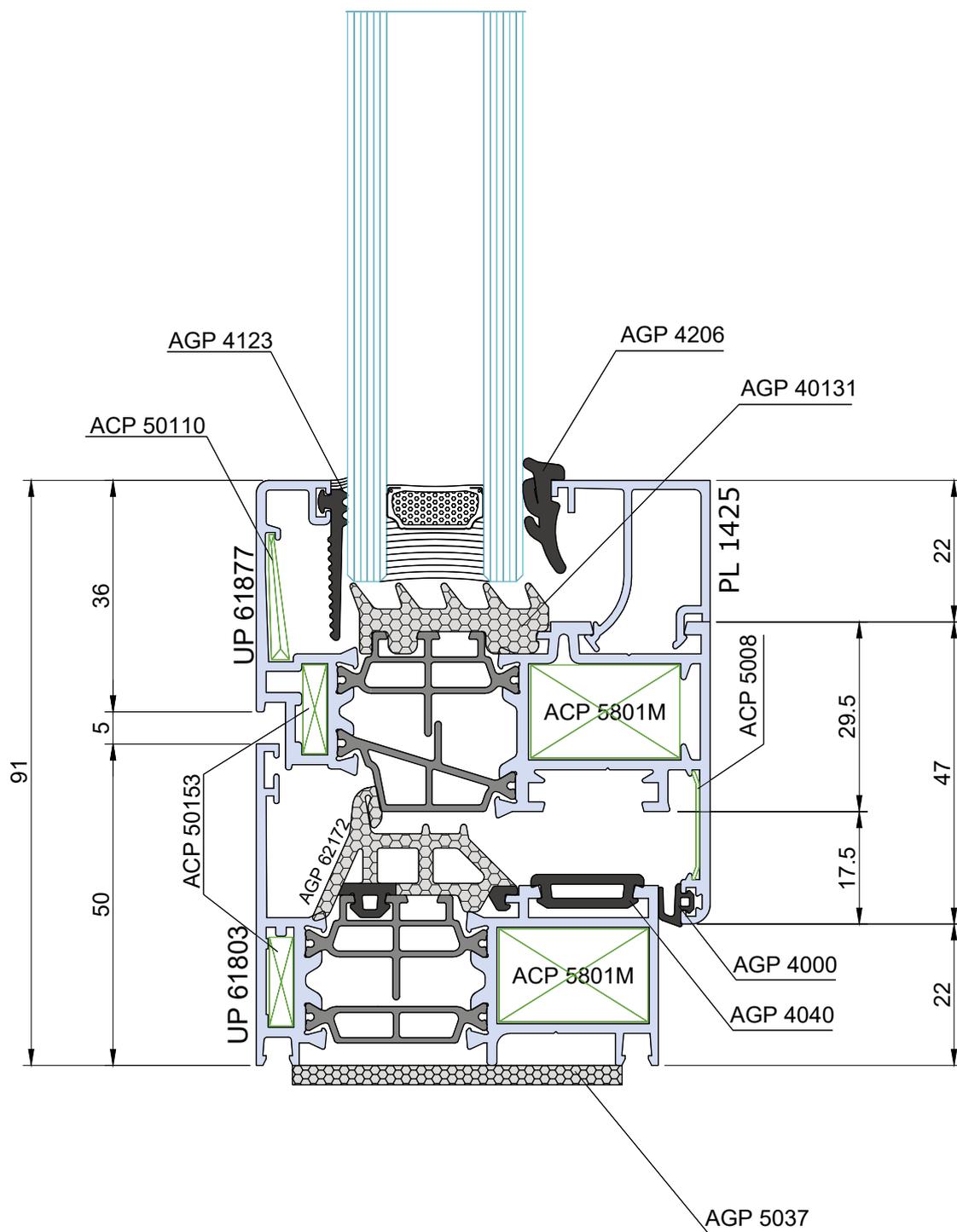
Outward opening - casement door with glass - lateral section



NODO 15

Apertura interna - finestra a battente - nodo a davanzale

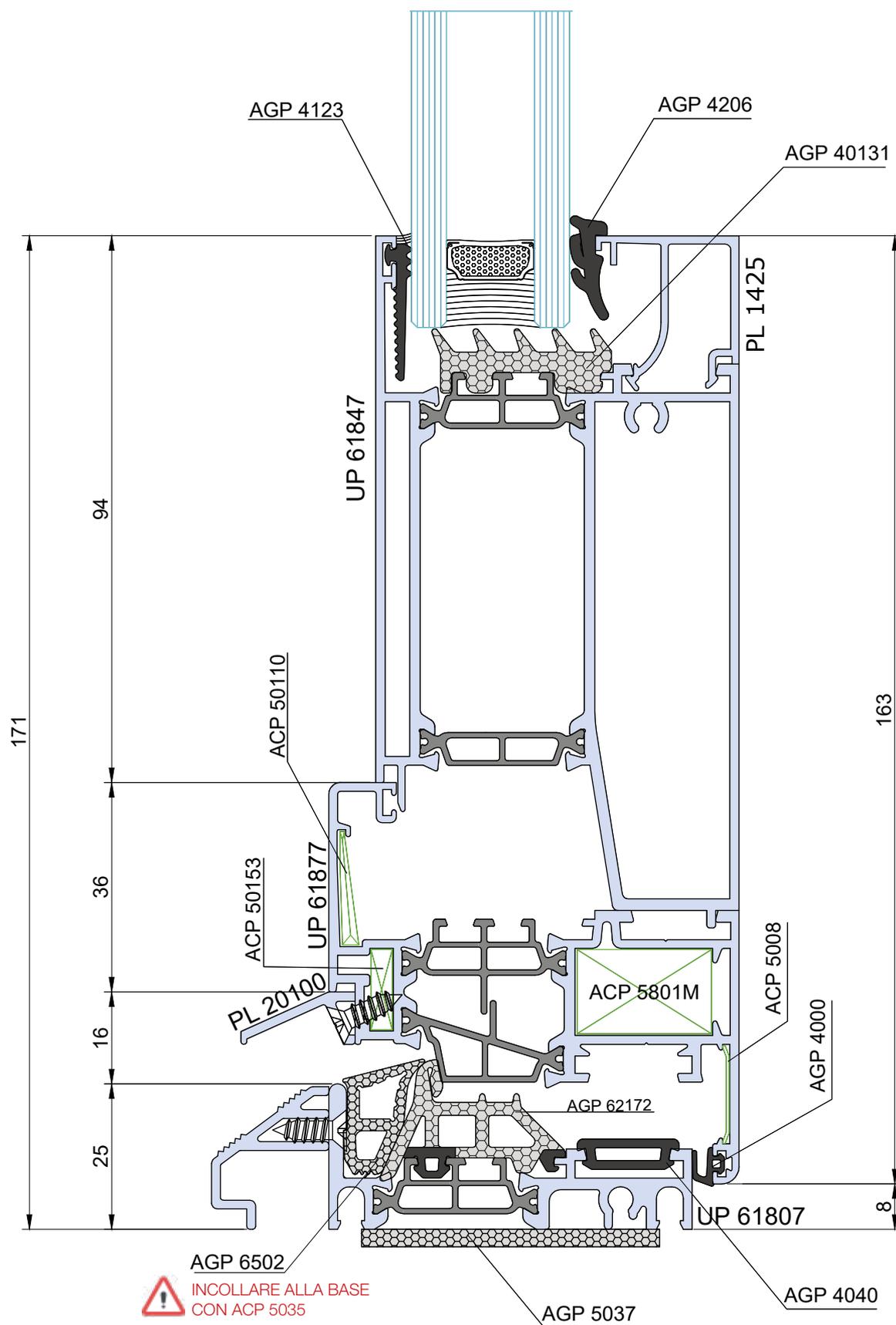
Innerward opening - casement window - sill node



NODO 16

Apertura interna - porta finestra a battente - nodo soglia ribassata

Innerward opening - casement window door - threshold node

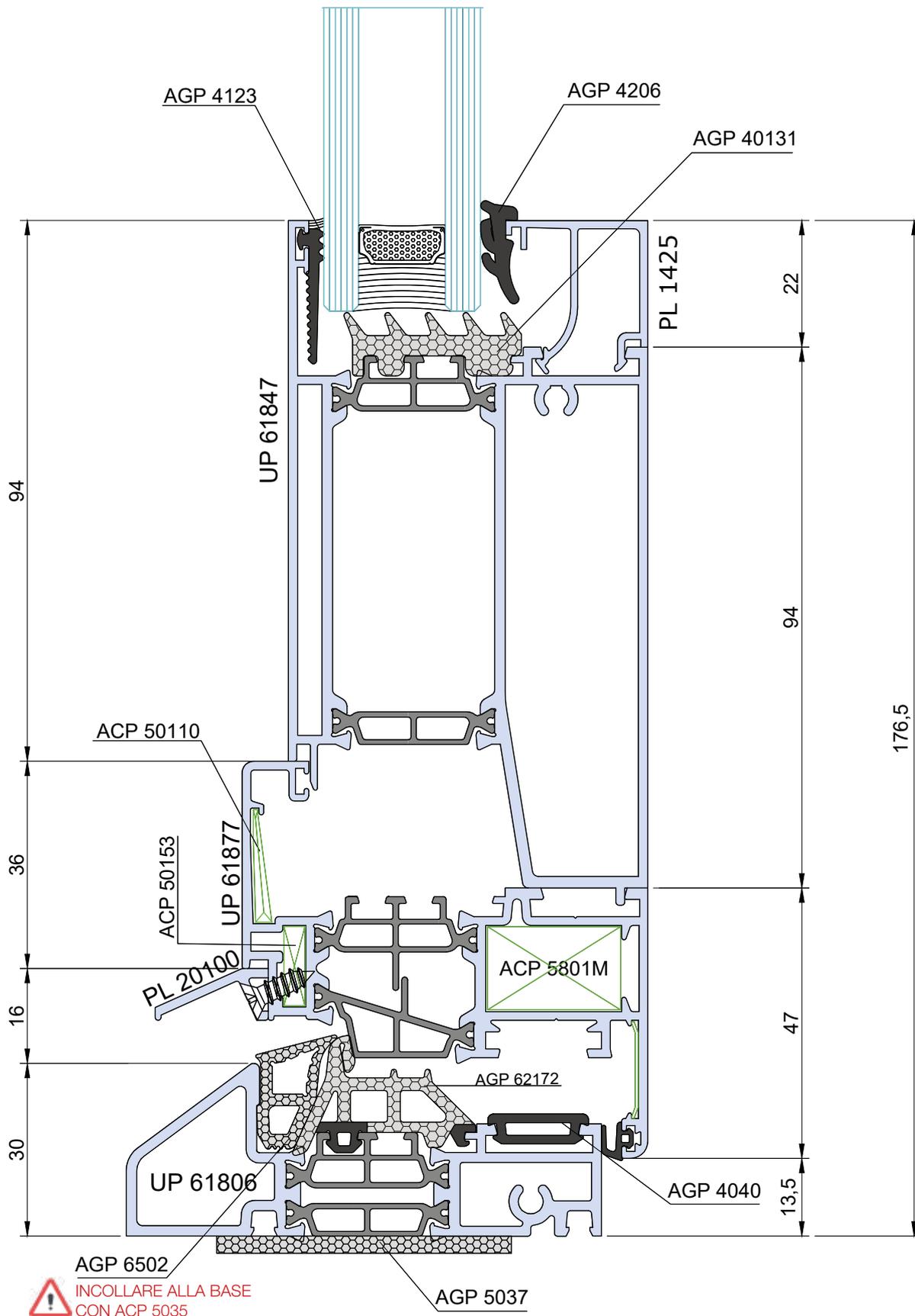


NODI E SEZIONI
Sections

NODO 17

Apertura interna - porta finestra - nodo soglia ribassata

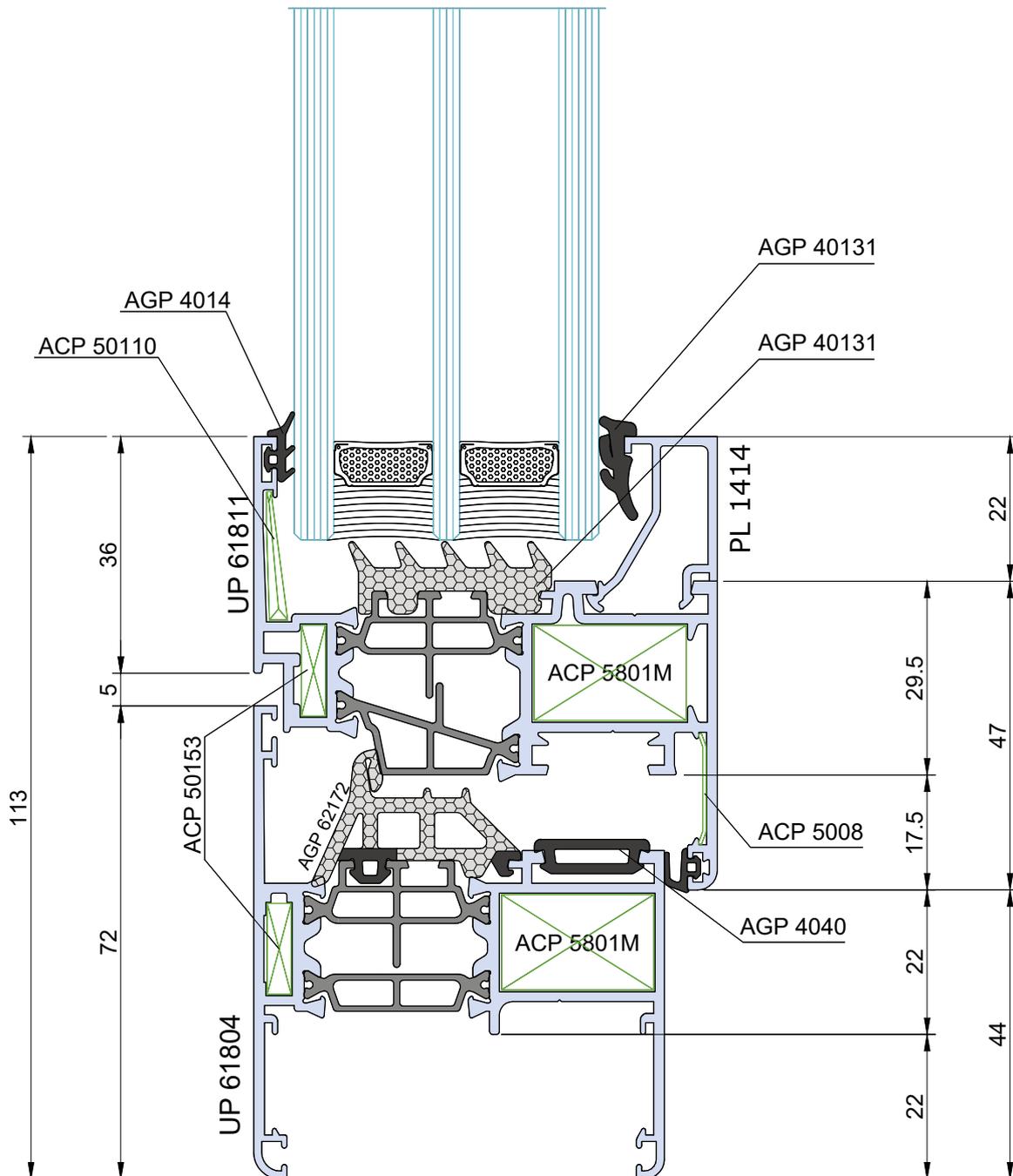
Inward opening - glass door - threshold node



NODO 18

Apertura interna - finestra a battente - nodo a davanzale

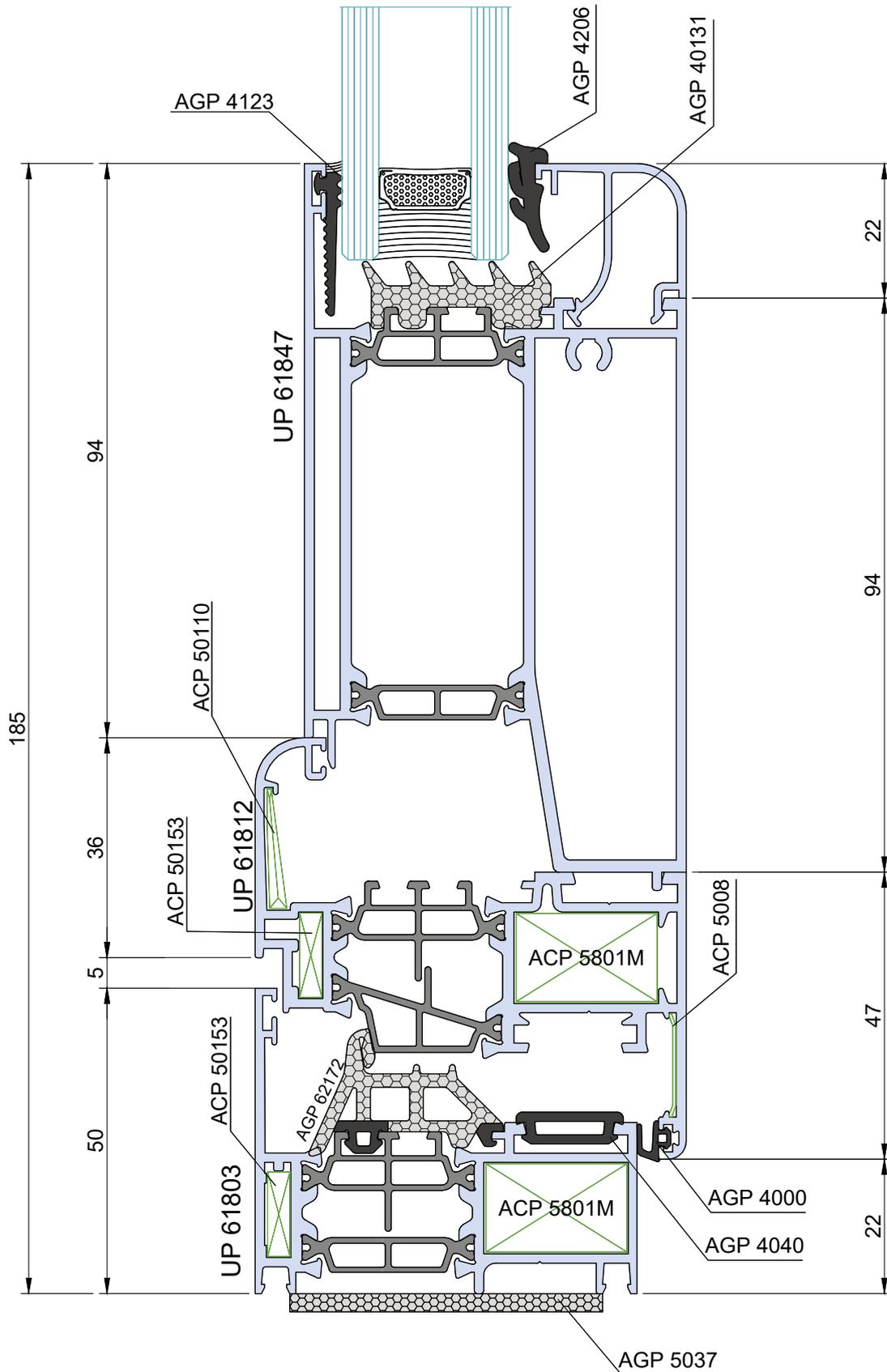
Inward opening - casement window - sill node



NODO 19

Apertura interna - porta finestra a battente - nodo soglia

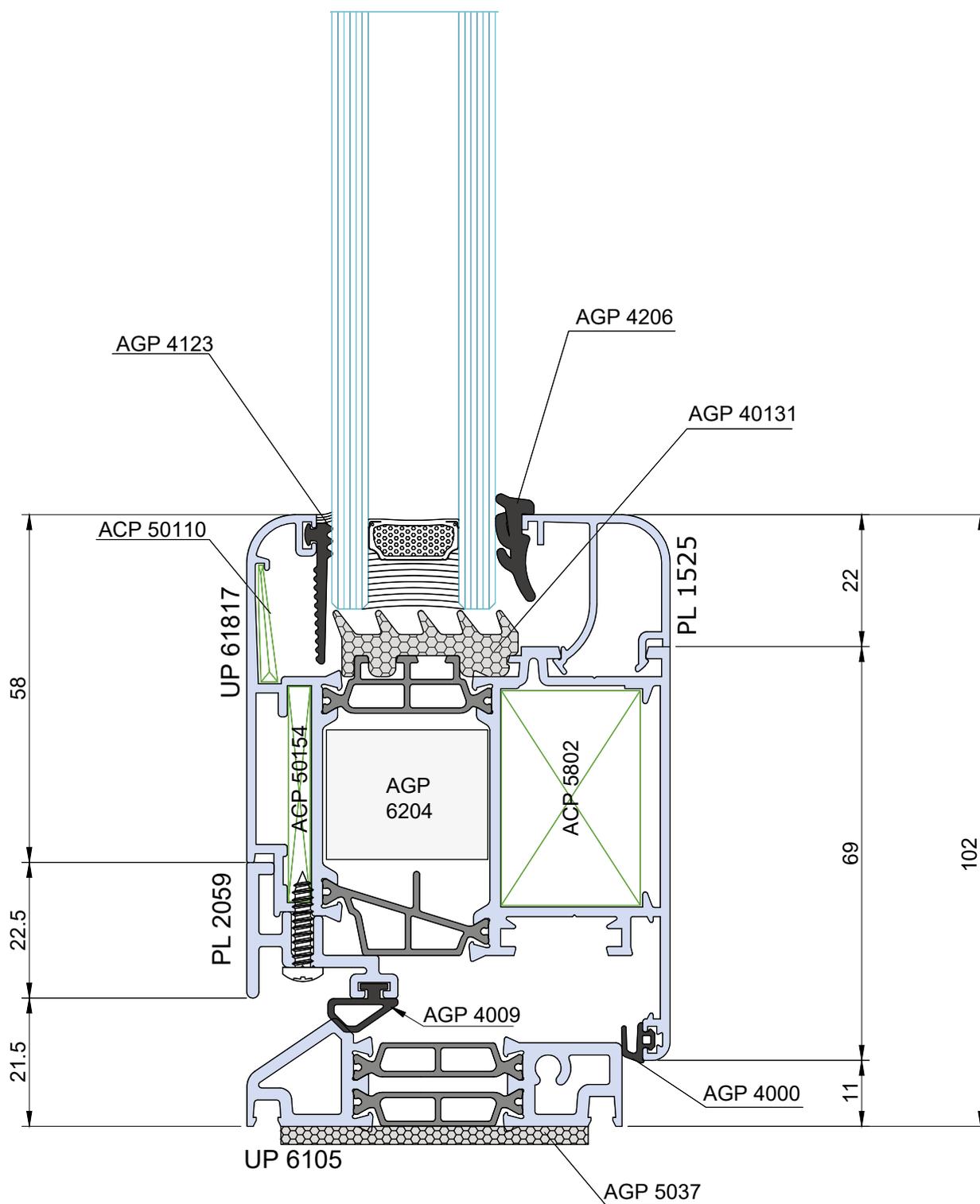
Inward opening - casement window door - threshold node



NODO 20

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

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

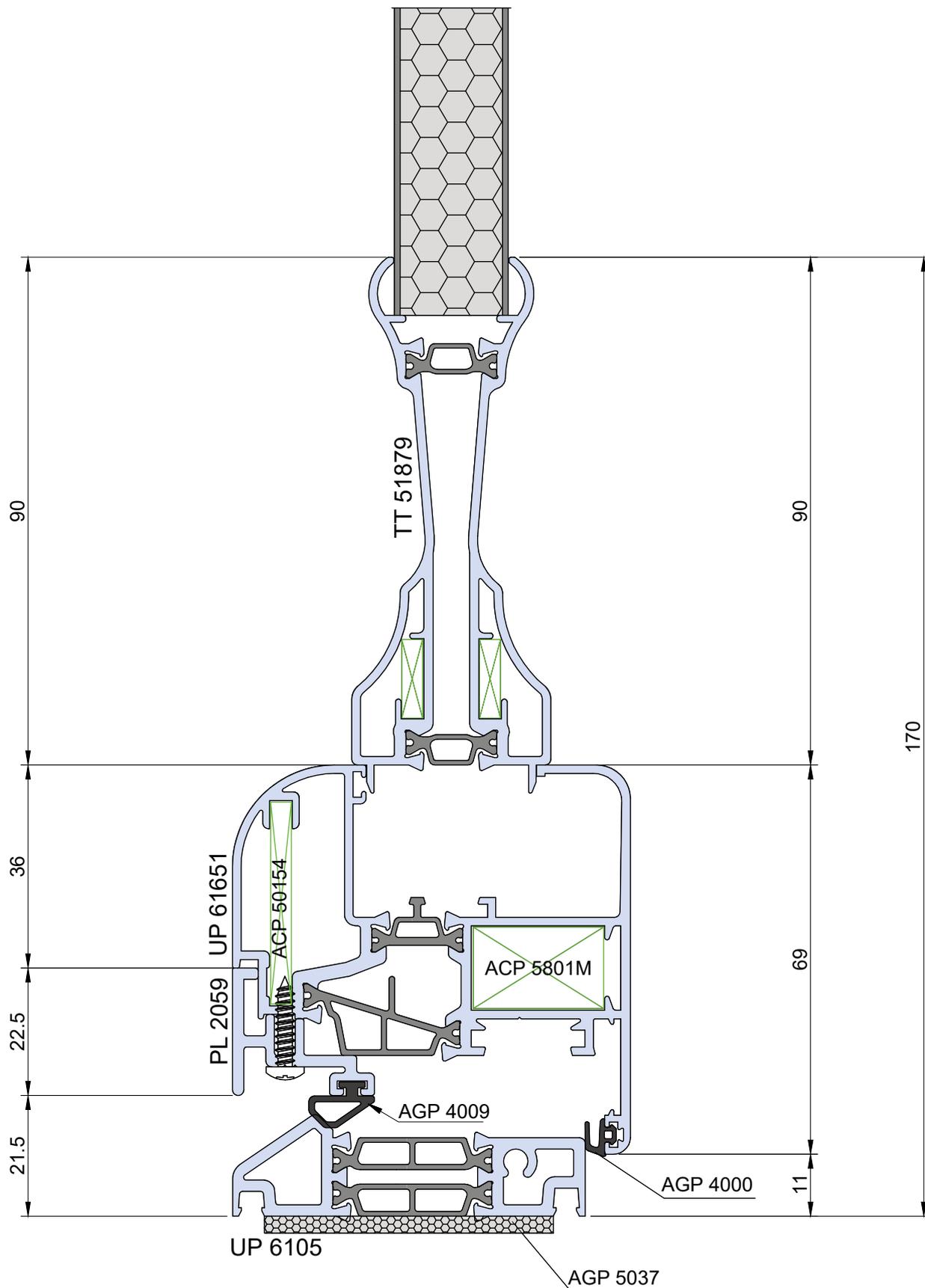


NODI E SEZIONI
Sections

NODO 21

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

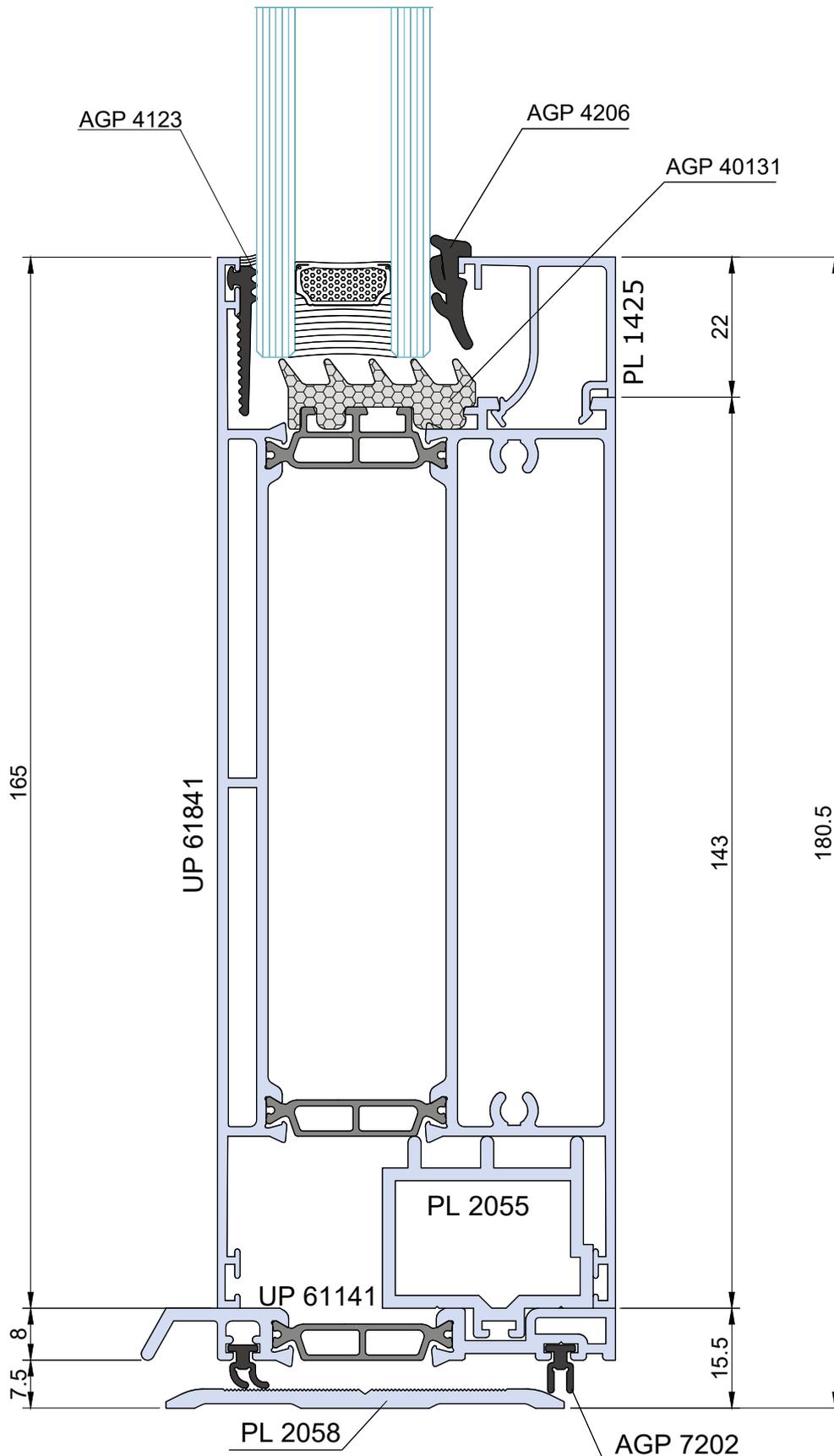
Inward opening - casement window door- lowered threshold node with frame



NODO 22

Apertura interna - porta a battente - nodo inferiore

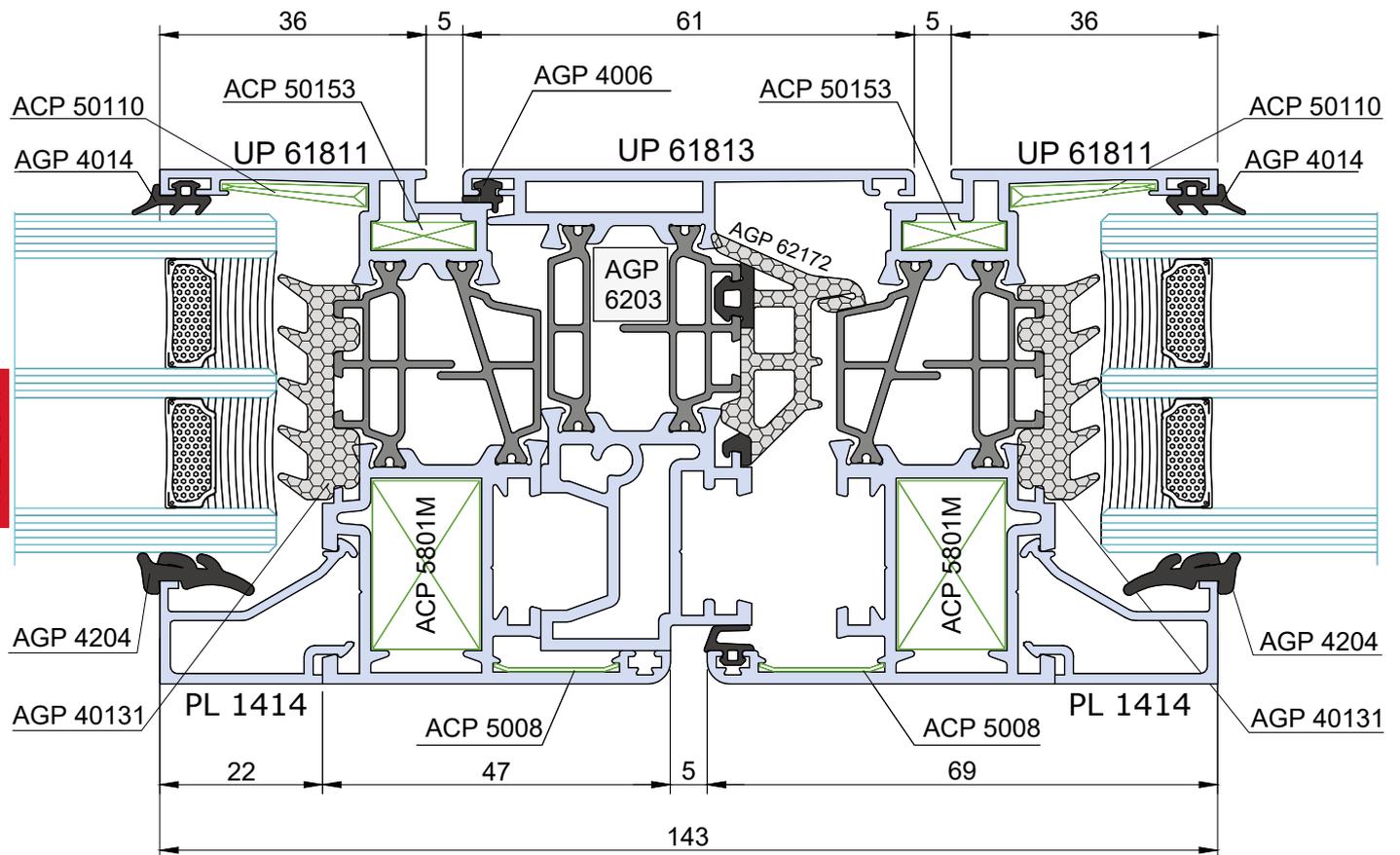
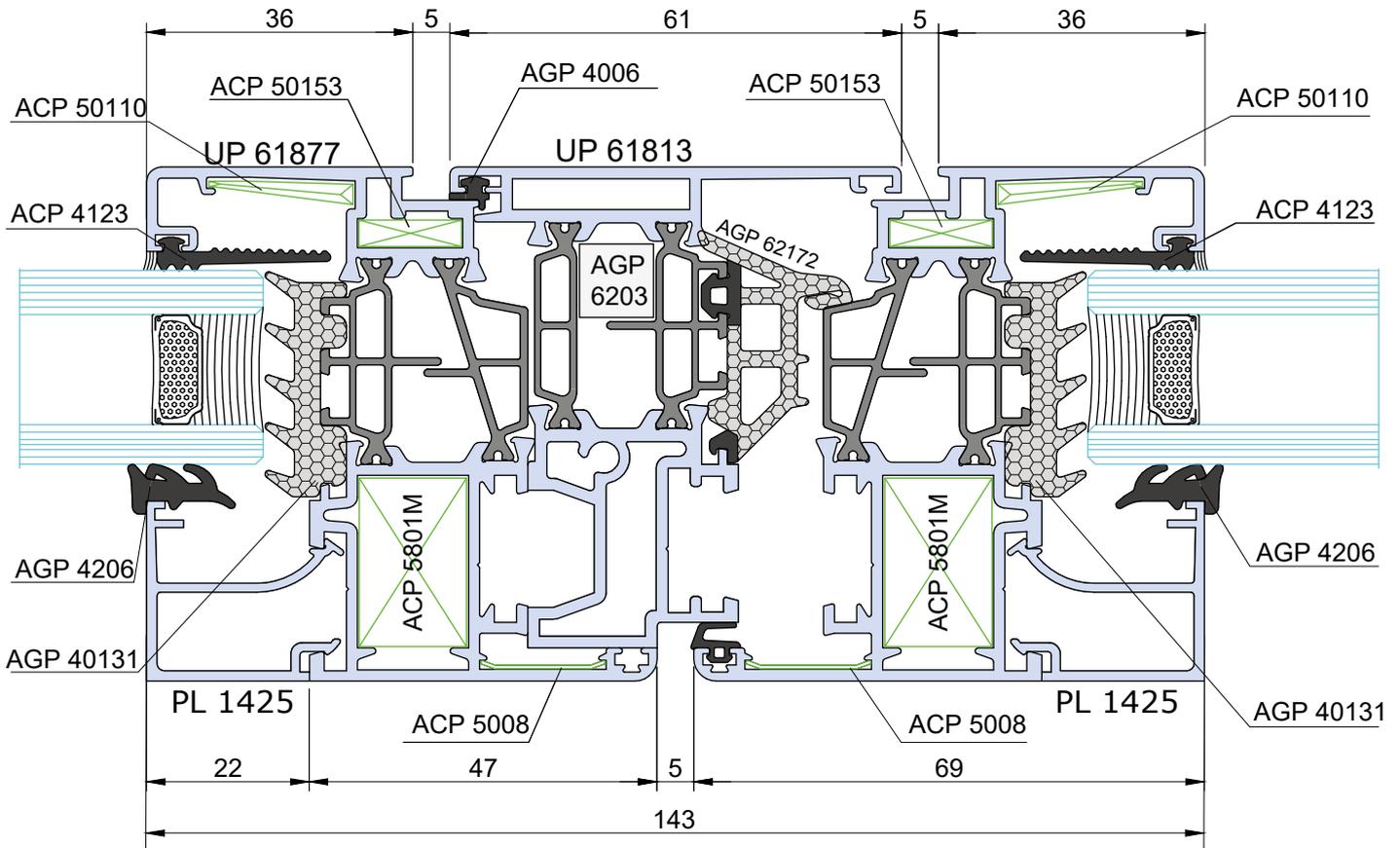
Inward opening - casement door - lower node



NODO 23

Apertura interna - finestra a battente - nodo centrale

Inward opening - casement window - central node

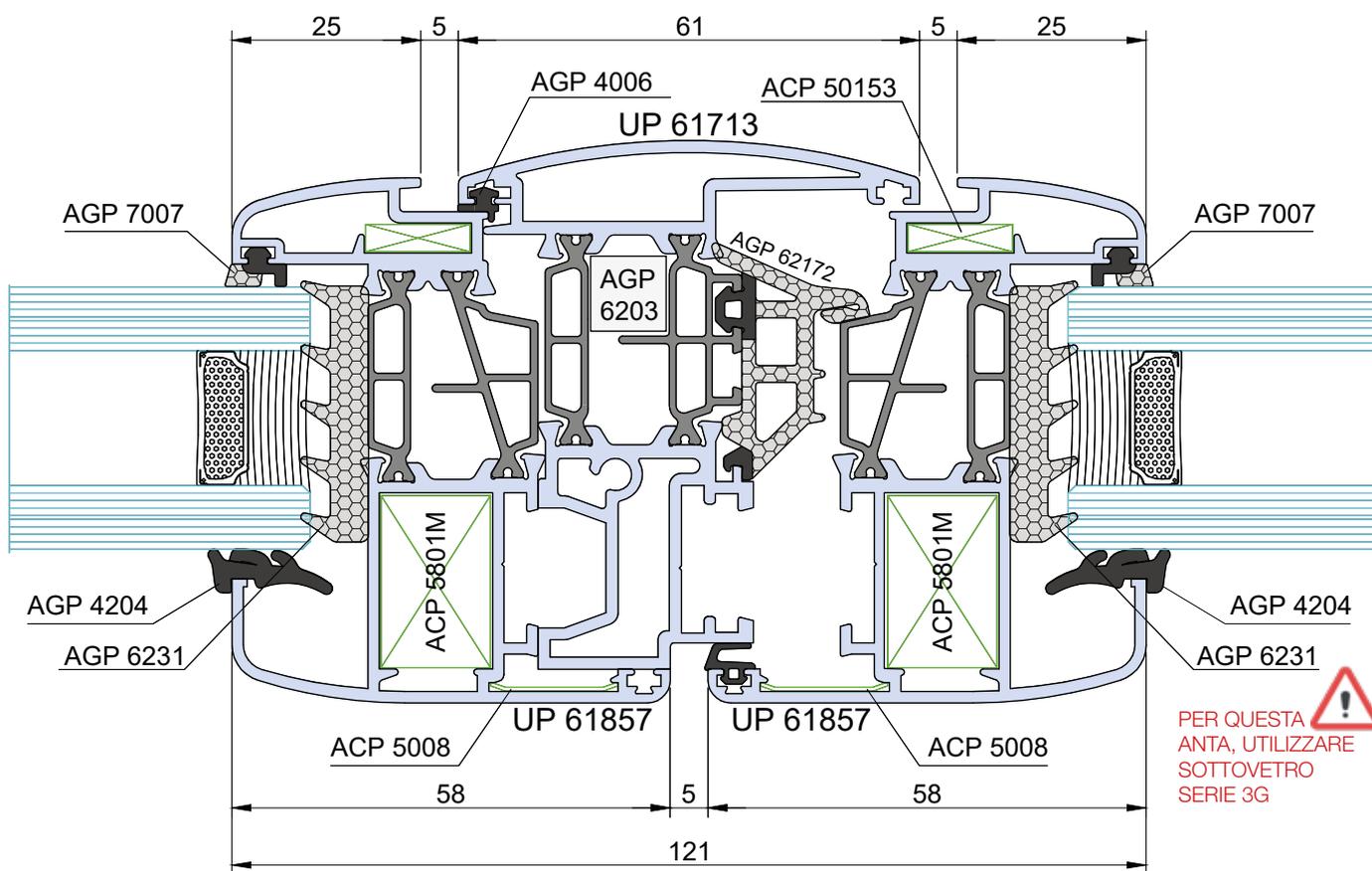
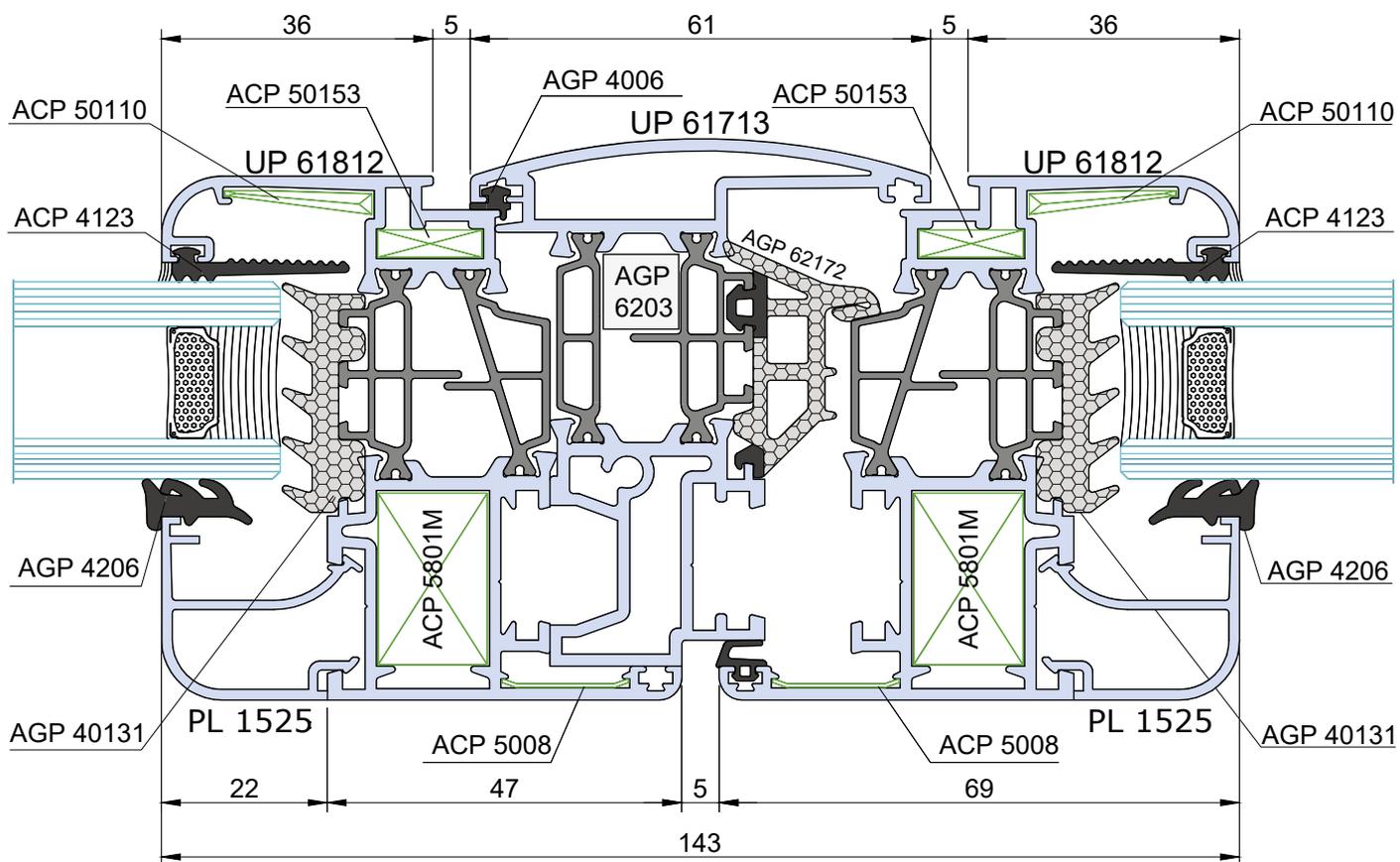


NODI E SEZIONI

NODO 24

Apertura interna - finestra a battente - nodo centrale

Inward opening - casement window - central node



PER QUESTA ANTA, UTILIZZARE SOTTOVETRO SERIE 3G

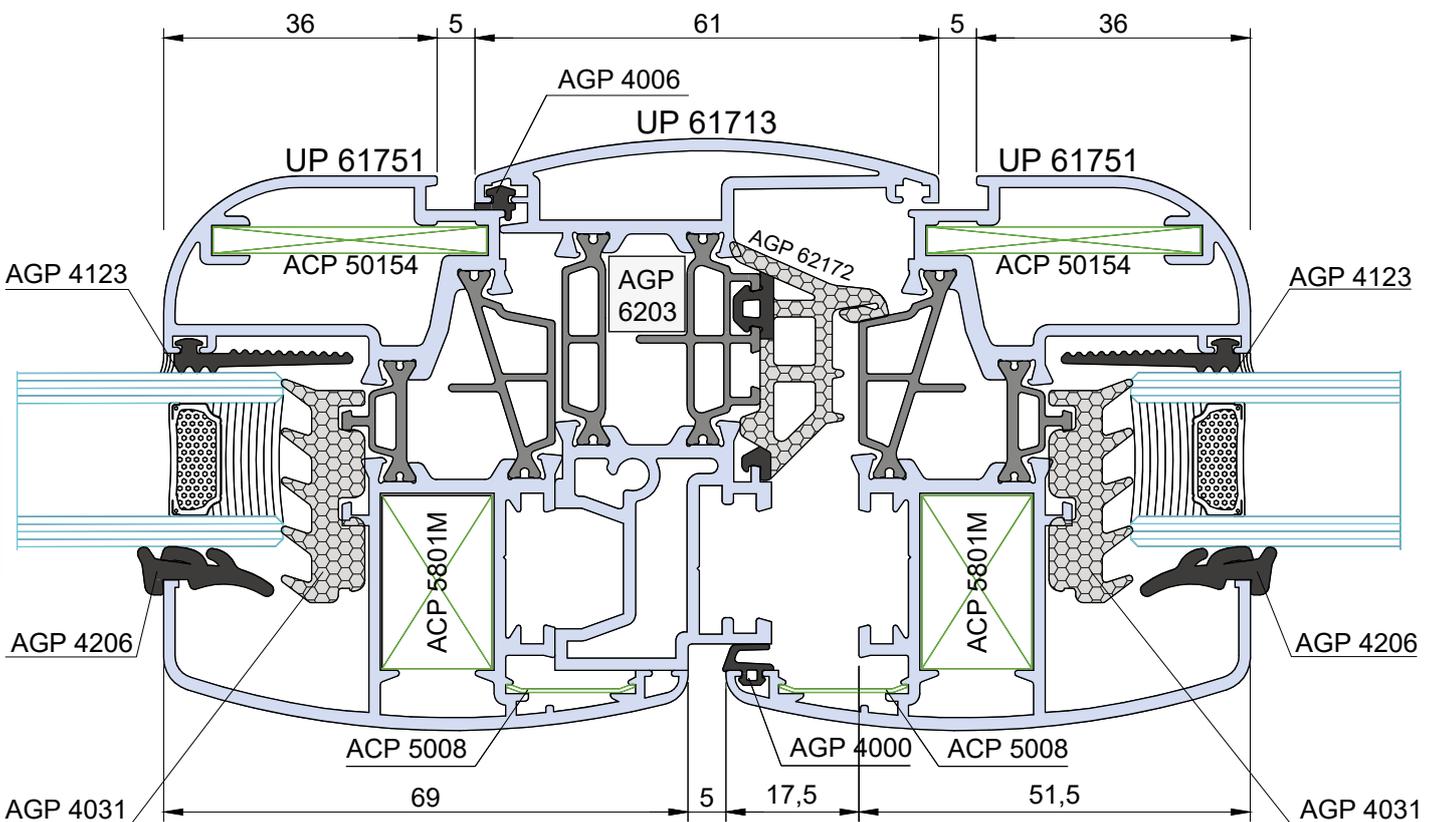
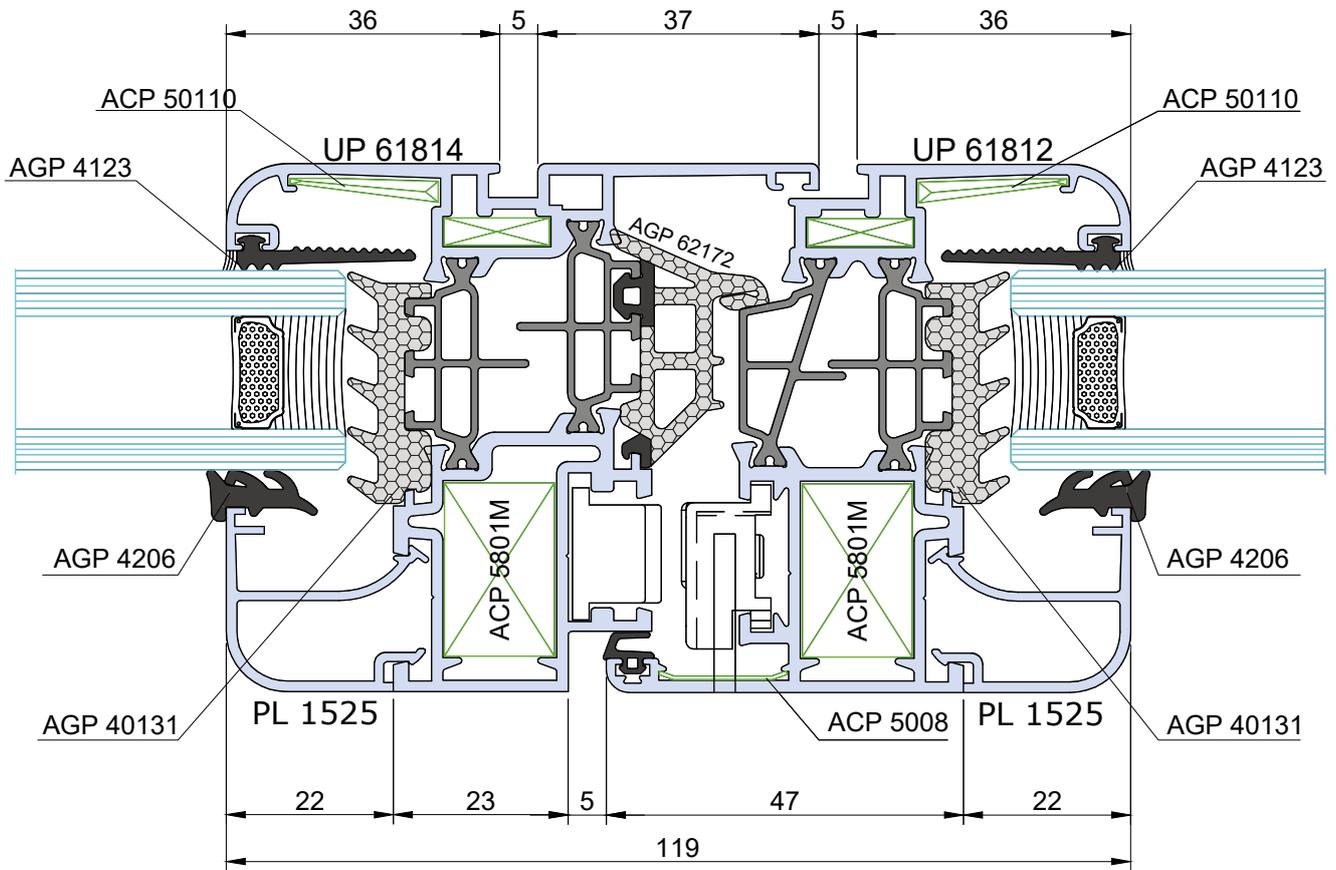


NODI E SEZIONI
Sections

NODO 25

Apertura interna - finestra a battente - nodo centrale

Inward opening - casement window - central node

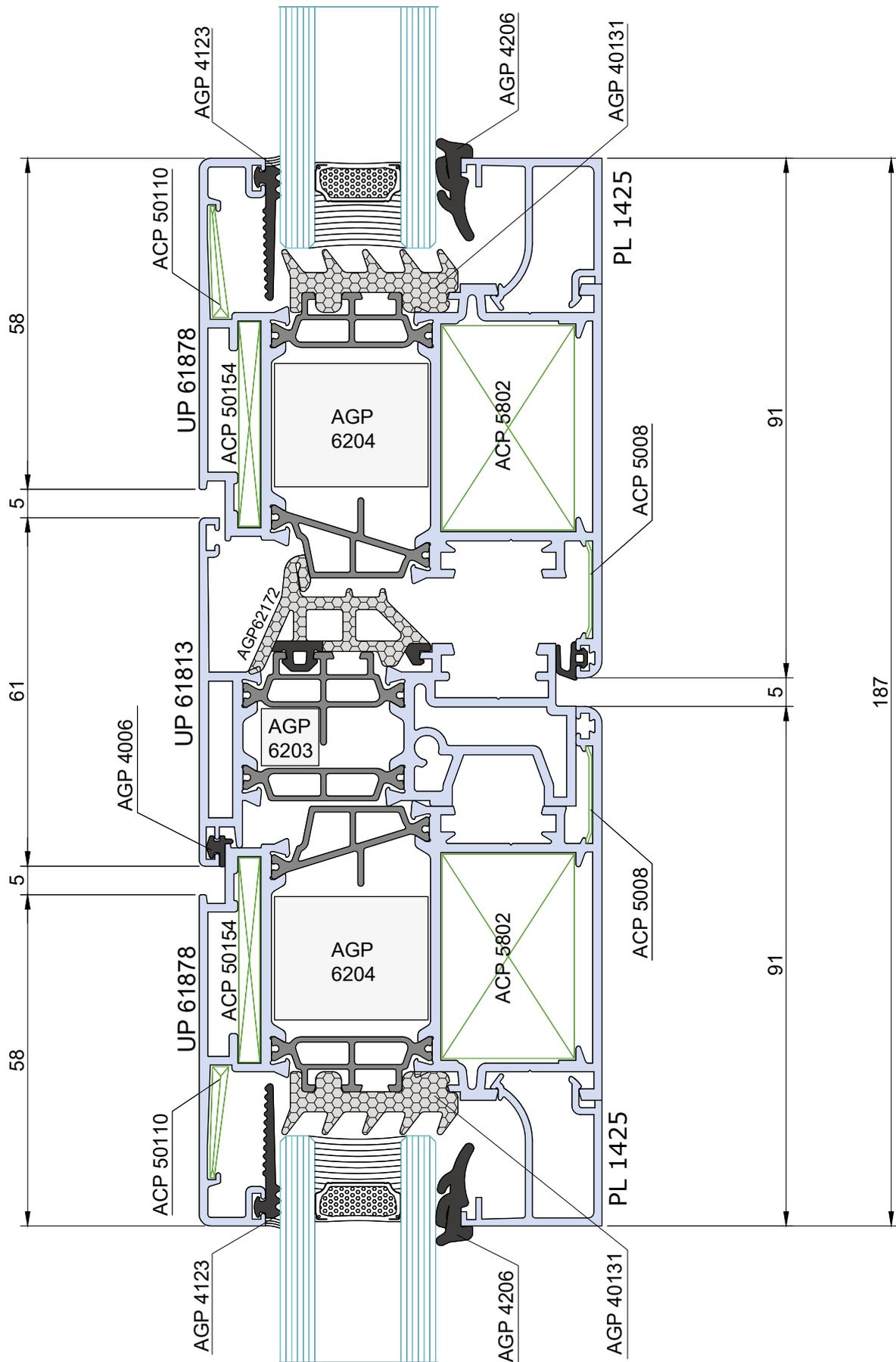


PER QUESTA ANTA,
UTILIZZARE SOTTOVETRO
SERIE PLANET 62 TT

NODO 26

Apertura interna - finestra a battente - nodo centrale

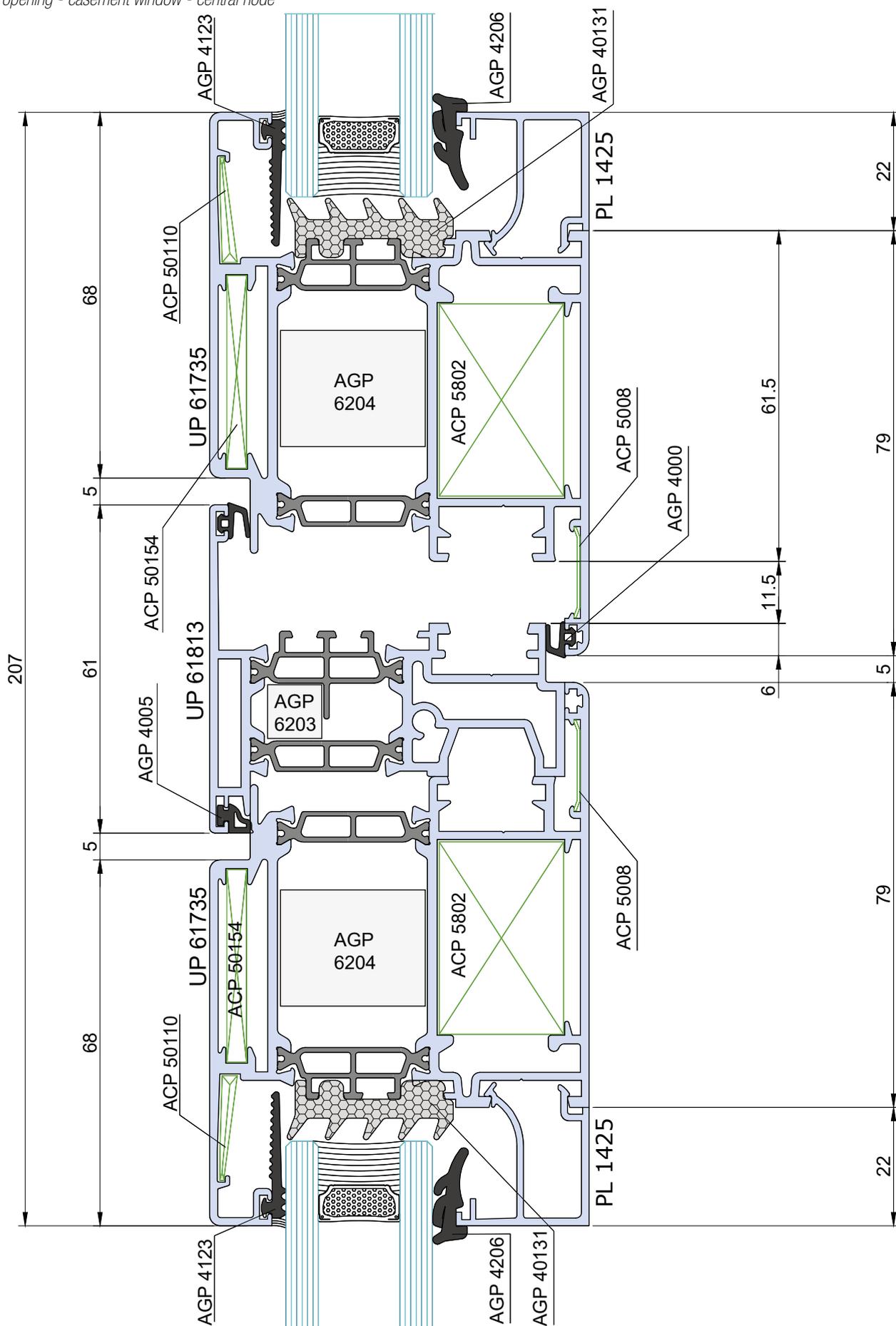
Inward opening - casement window - central node



NODO 27

Apertura interna - finestra a battente - nodo centrale

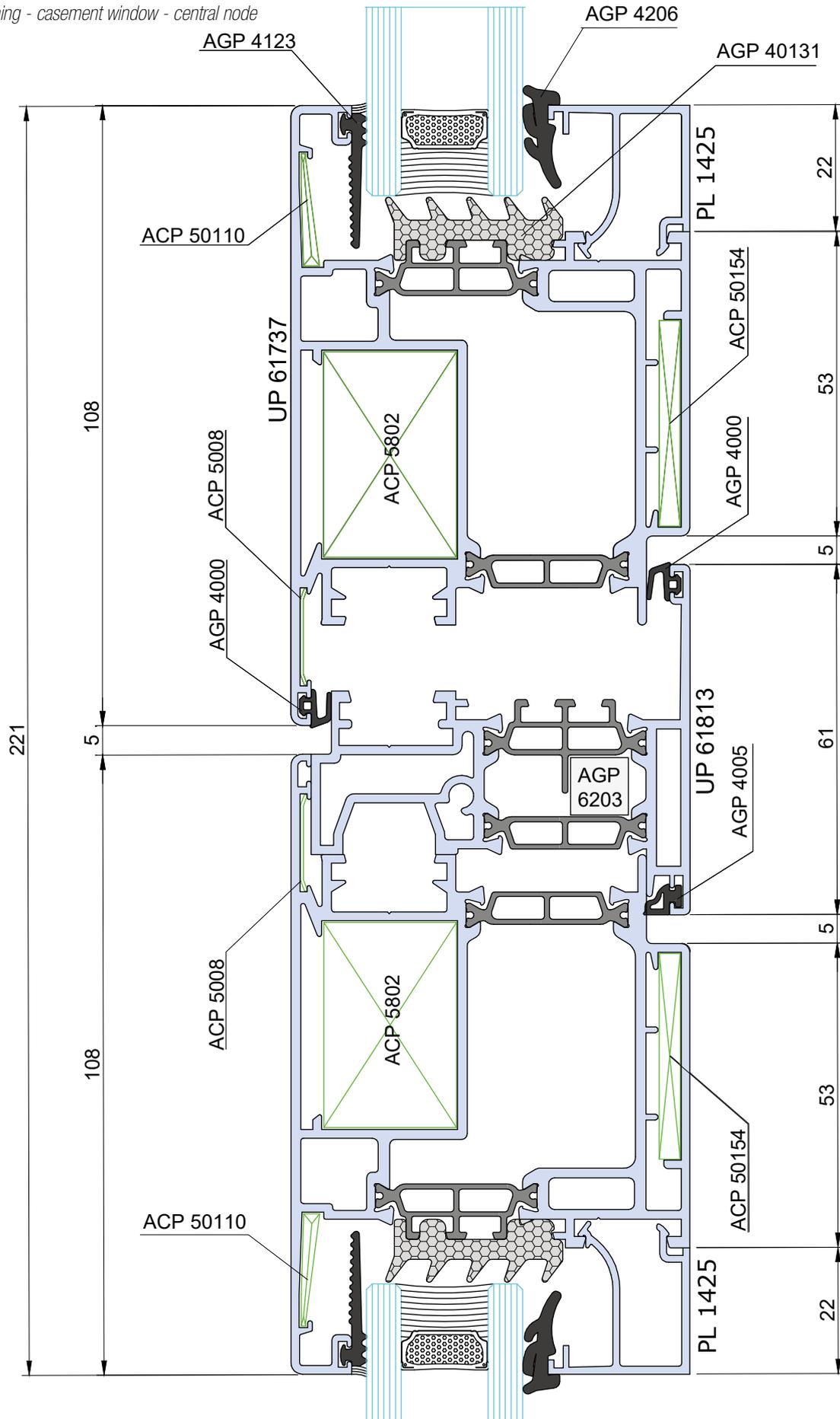
Inward opening - casement window - central node



NODO 28

Apertura esterna - finestra a battente - nodo centrale

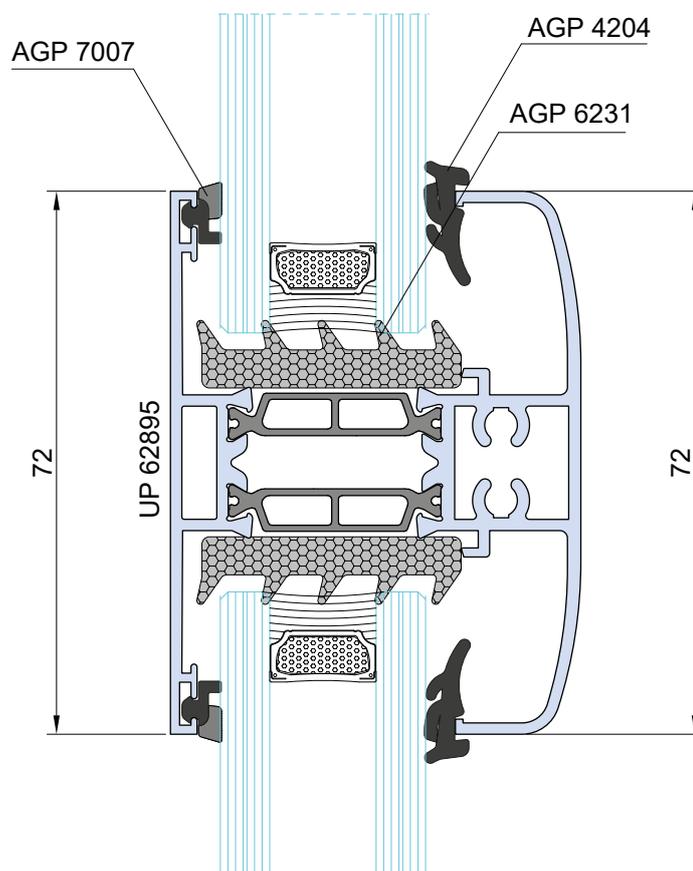
Outward opening - casement window - central node



NODO 29

Fascia tagliavetro per anta yard, spazio vetro 34mm

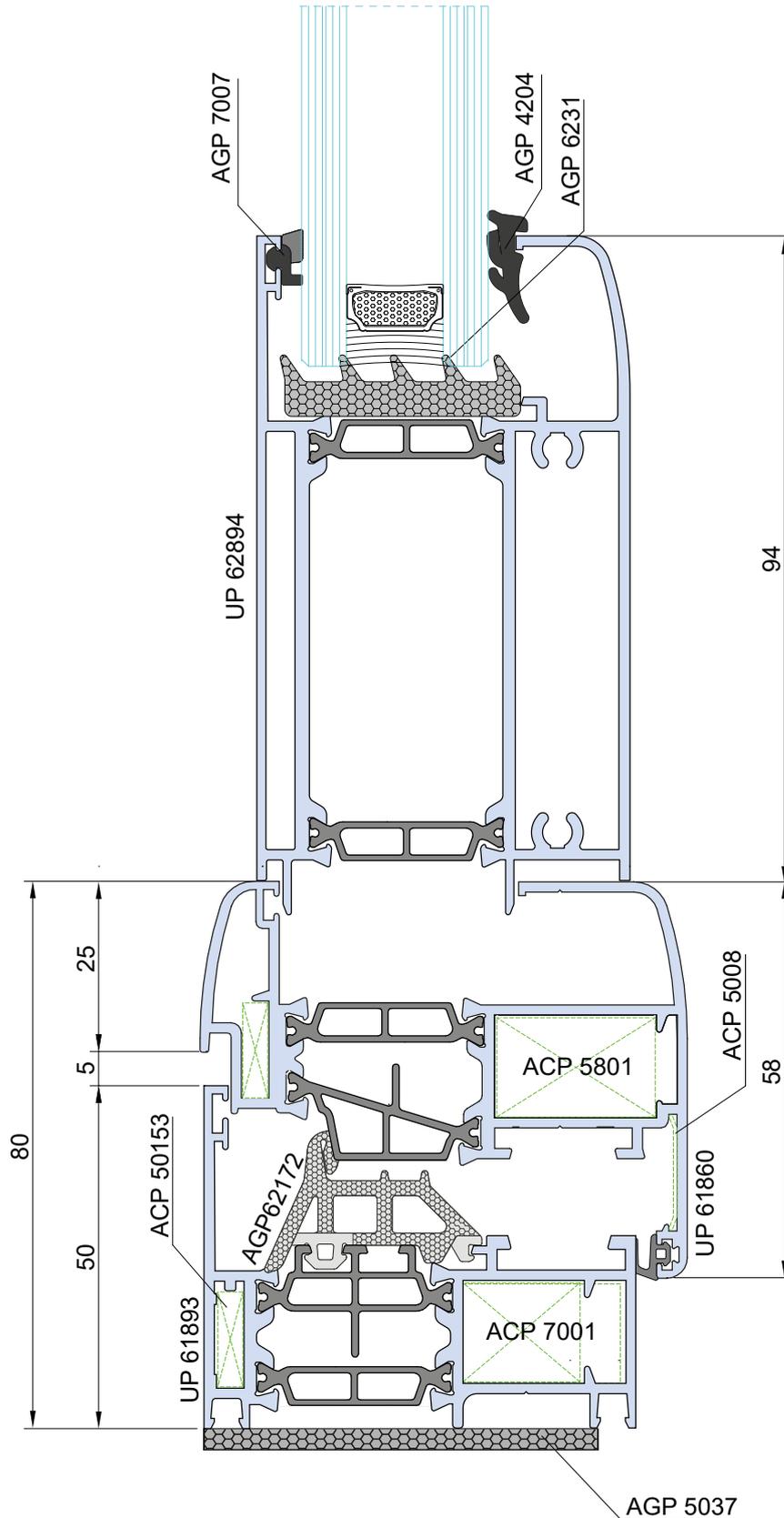
Glass cutting band for yard door, glass space 34mm



NODO 30

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

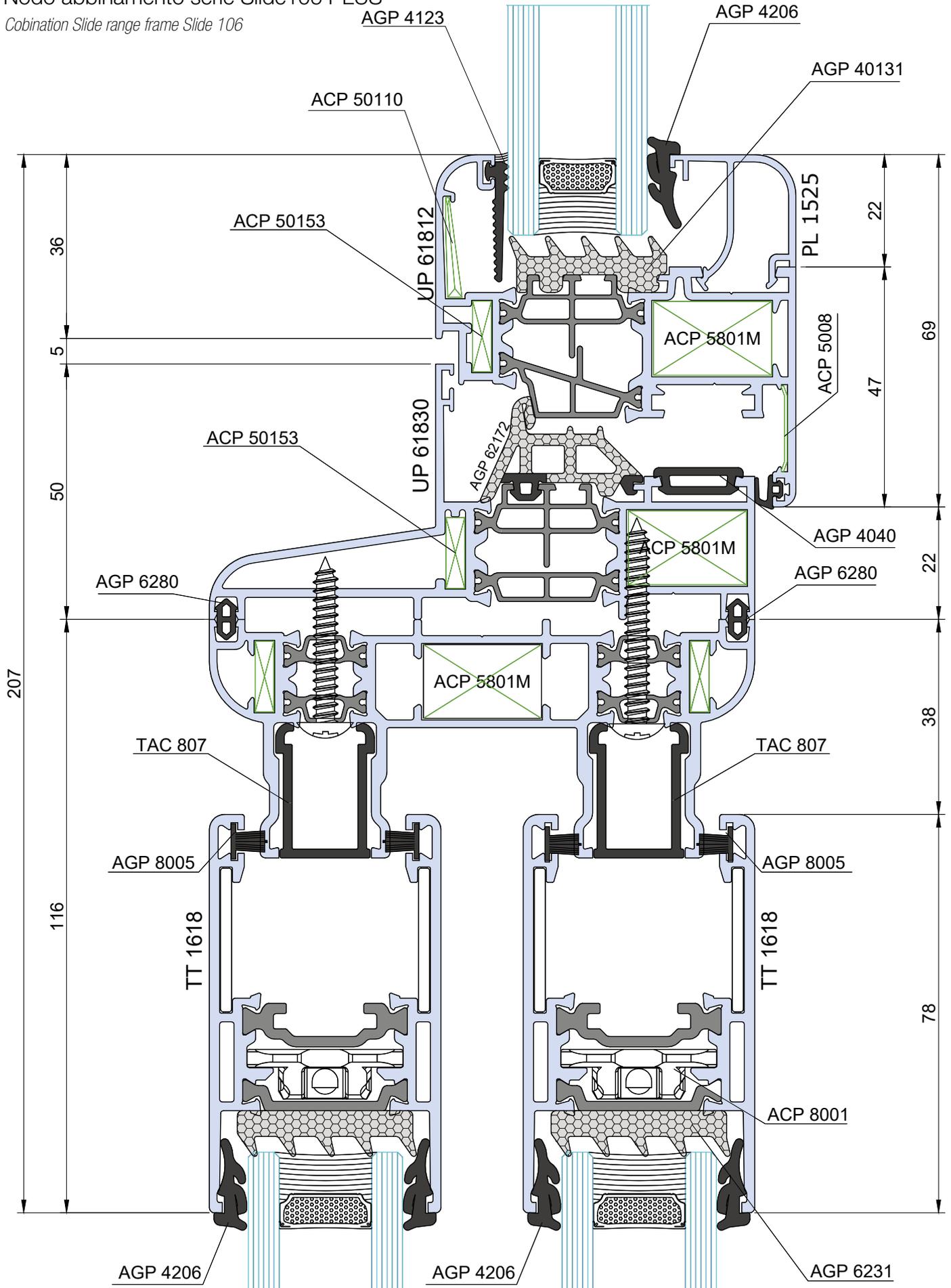
Door window sill node with yard door and plinth reported, glass space 34mm



NODO 31

Nodo abbinamento serie Slide106 PLUS

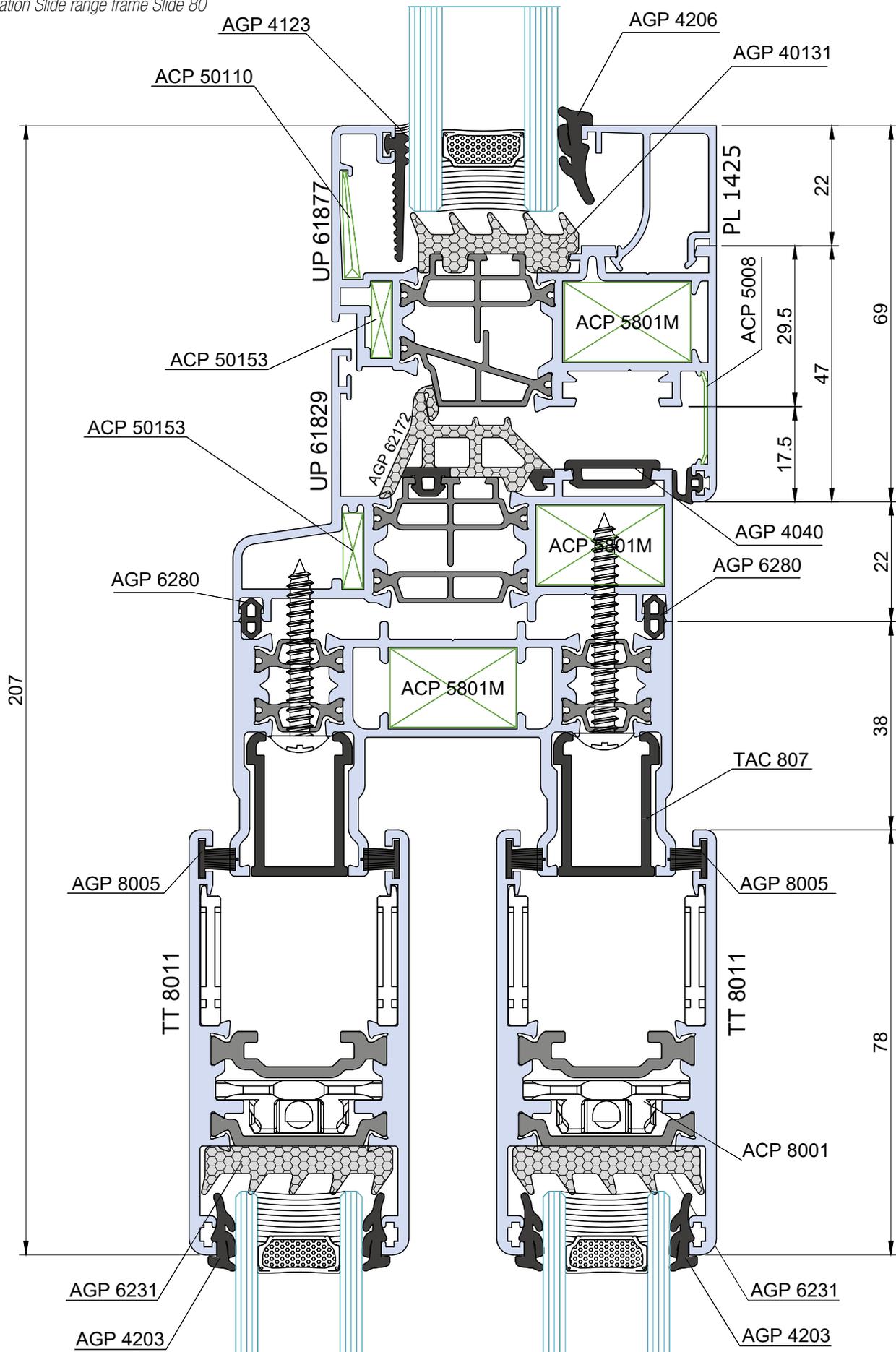
Cobination Slide range frame Slide 106



NODO 32

Nodo abbinamento serie Slide 80 PLUS

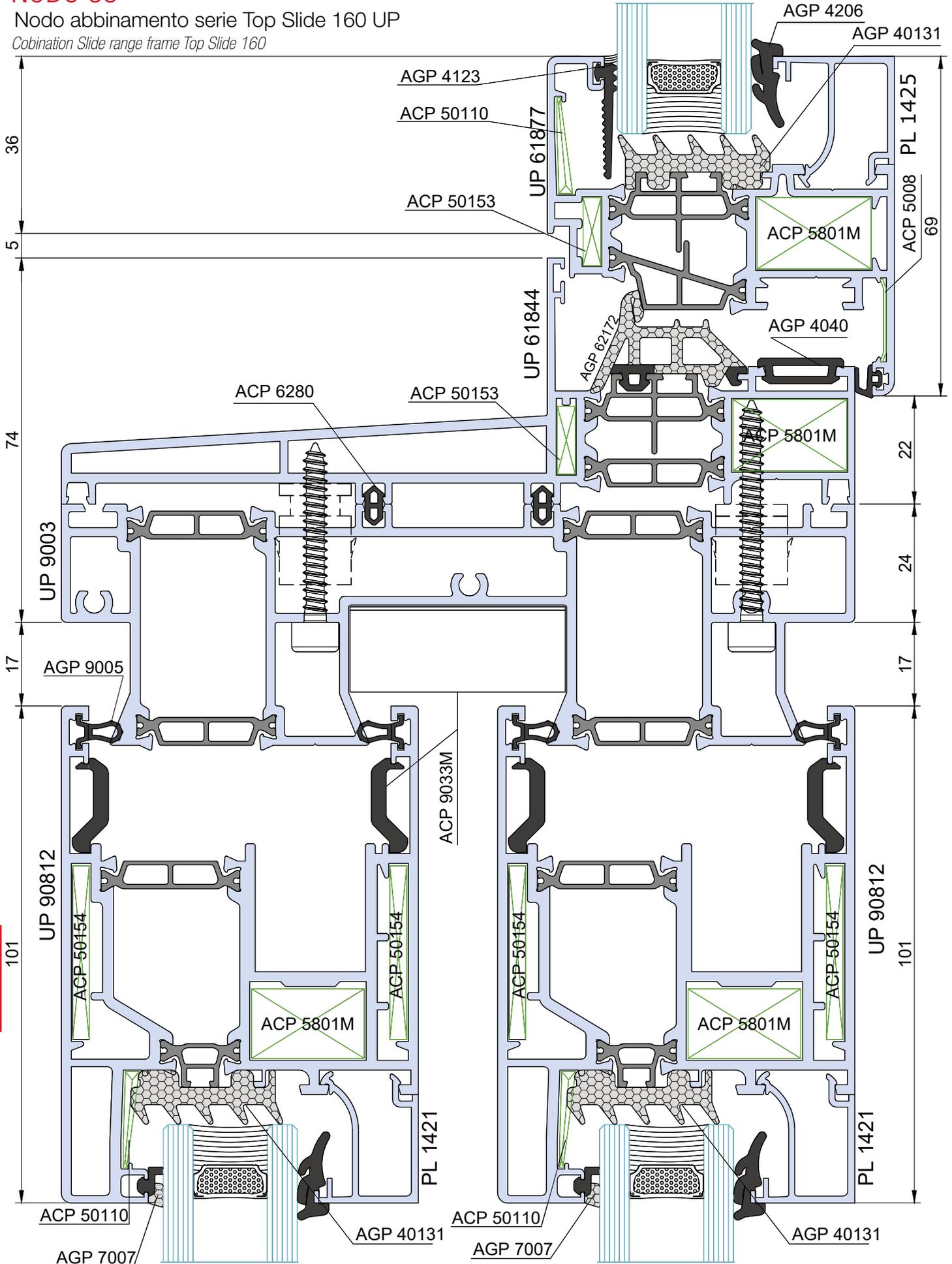
Cobination Slide range frame Slide 80



NODO 33

Nodo abbinamento serie Top Slide 160 UP

Cobination Slide range frame Top Slide 160

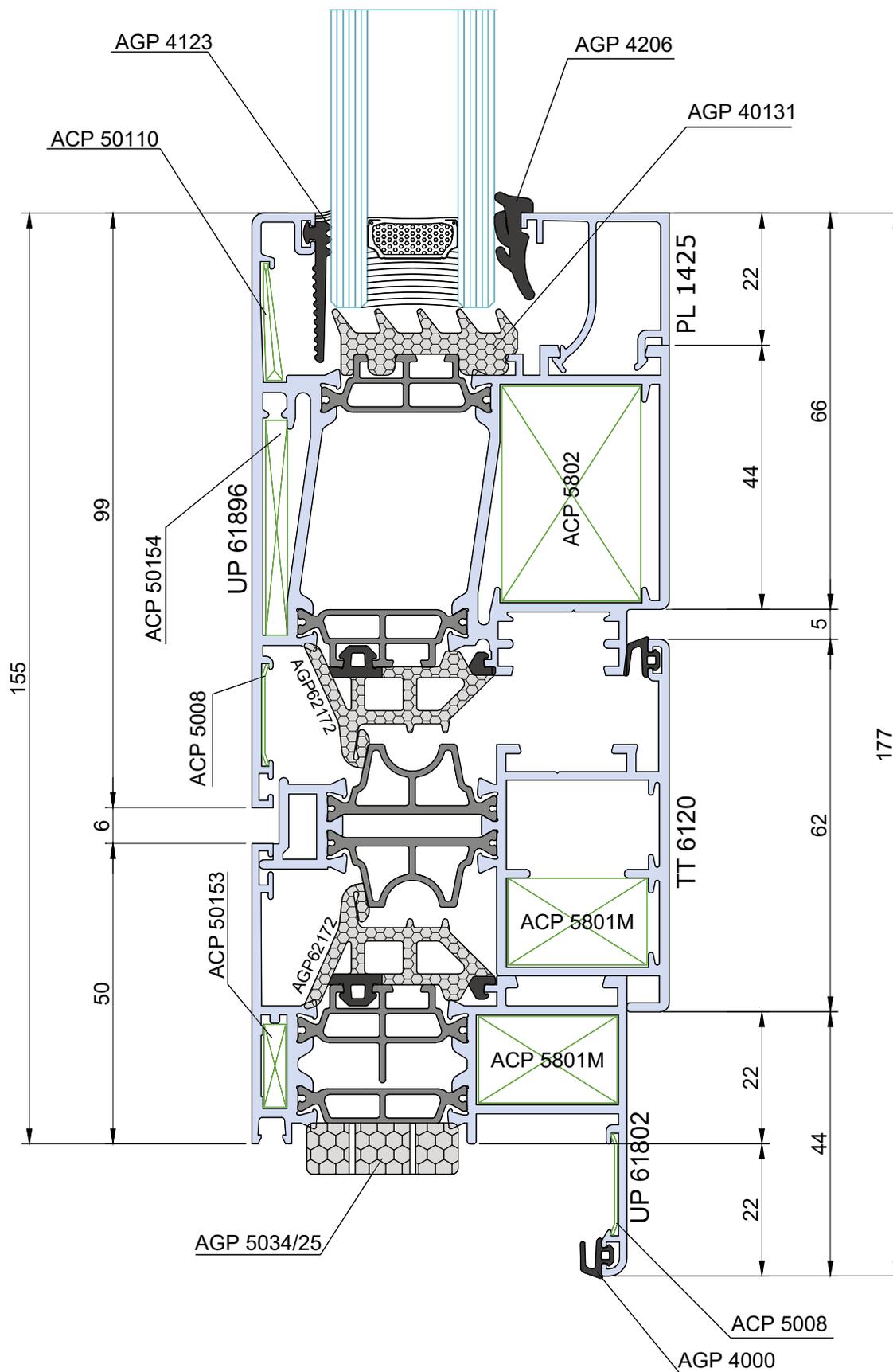


NODI E SEZIONI
 Sections

NODO 34

Bilico - nodo perimetrale inferiore

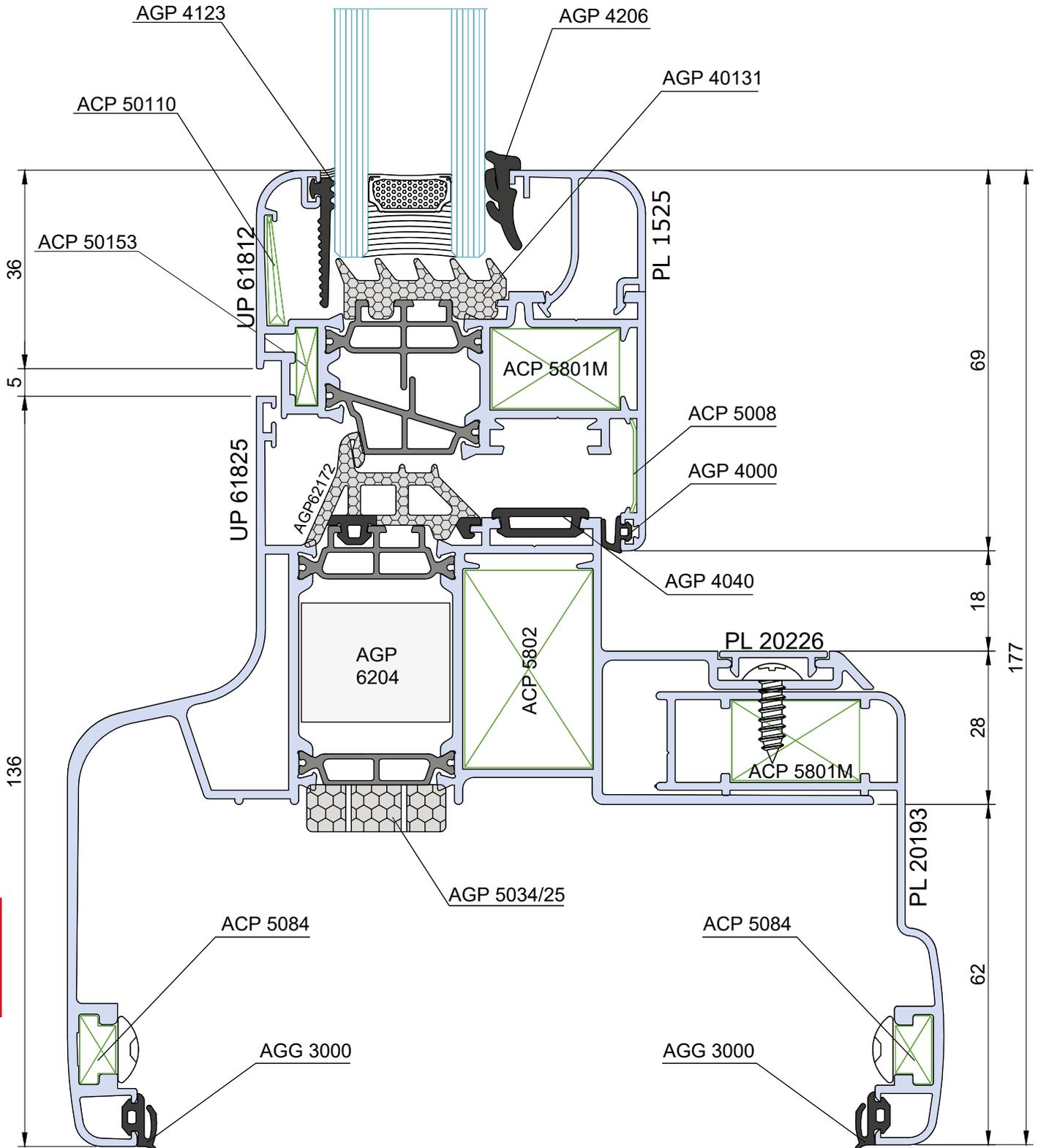
Top hung window - perimetral section



NODO 35

Telaio capannoni con imbotte - nodo perimetrale

Industrial shed with wall profiles - perimetral section

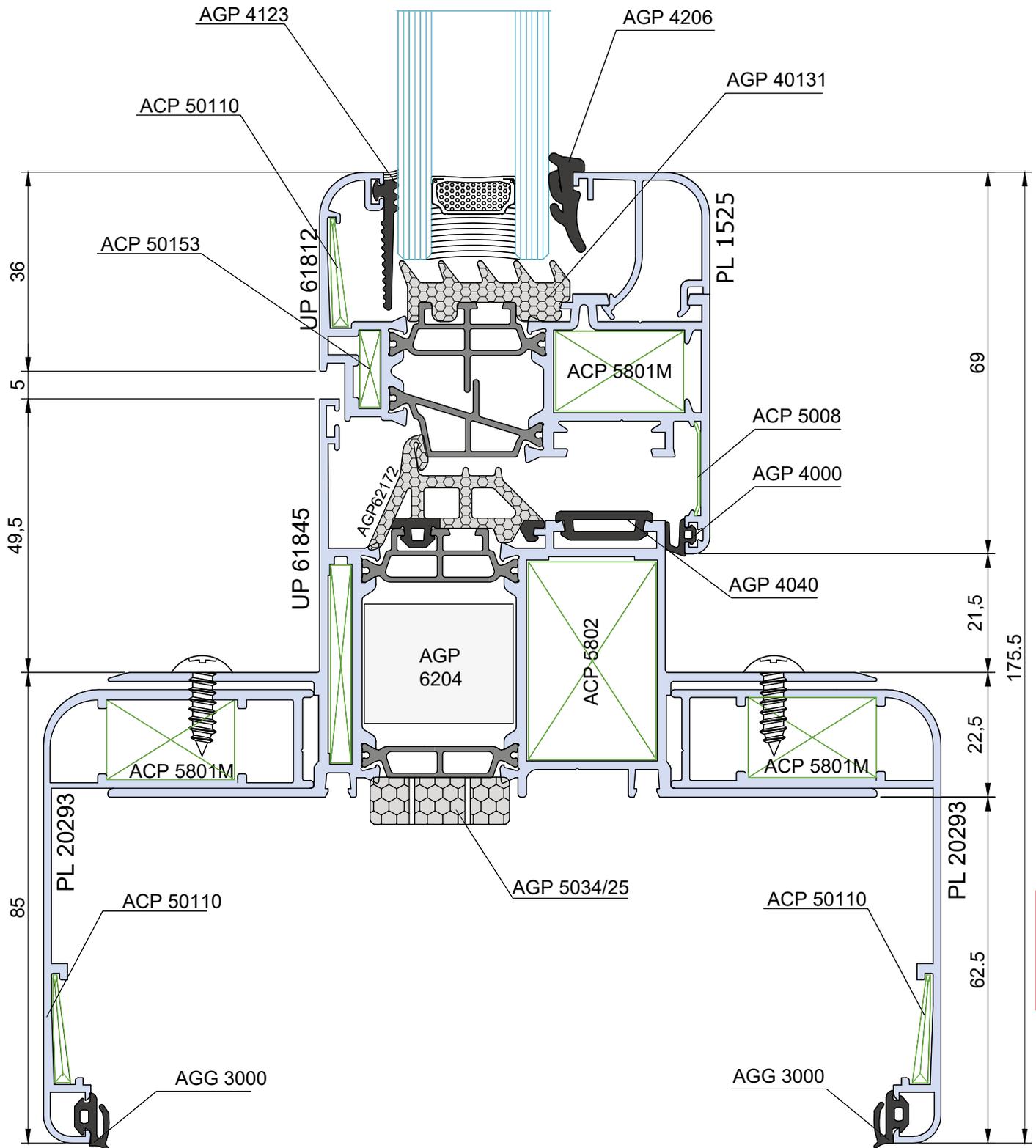


NODI E SEZIONI
Sections

NODO 36

Telaio capannoni con imbotte- nodo perimetrale

Industrial shed with wall profiles - perimetral section

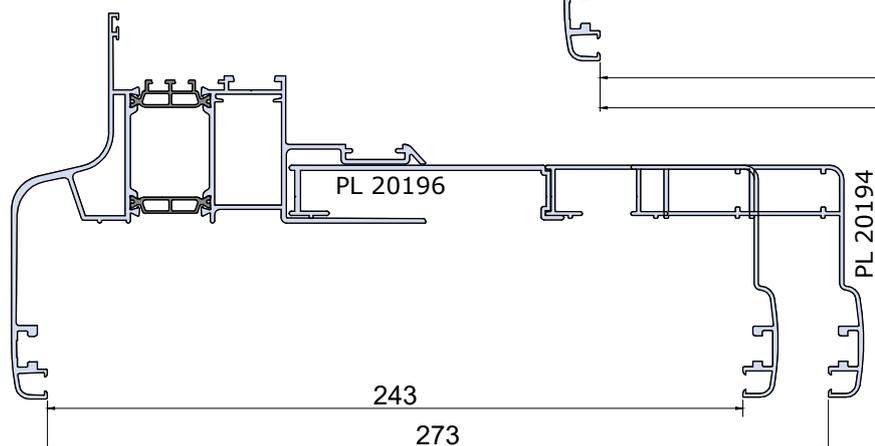
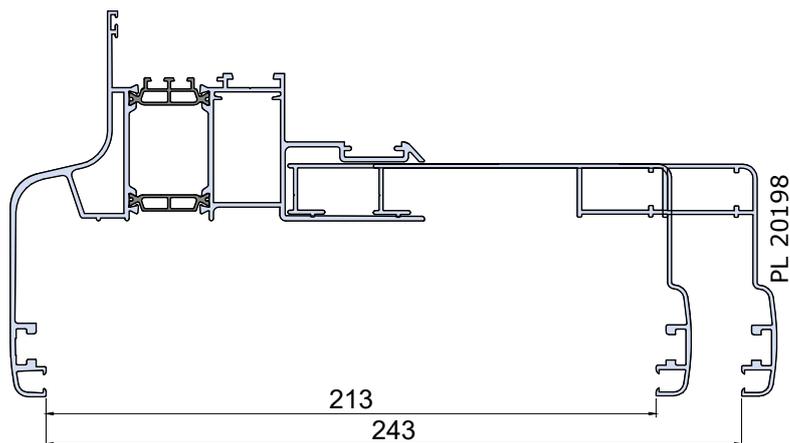
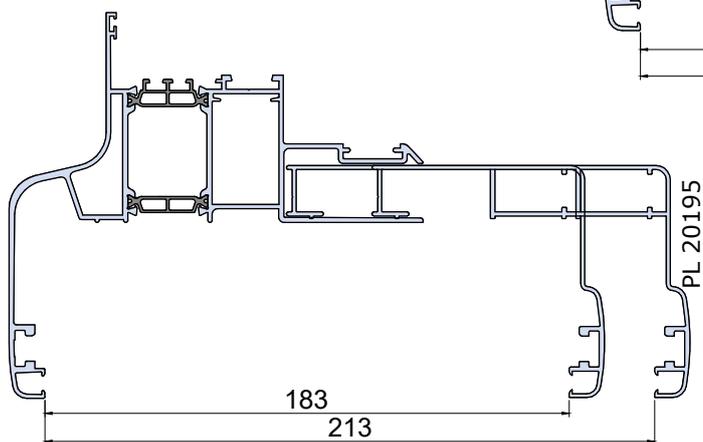
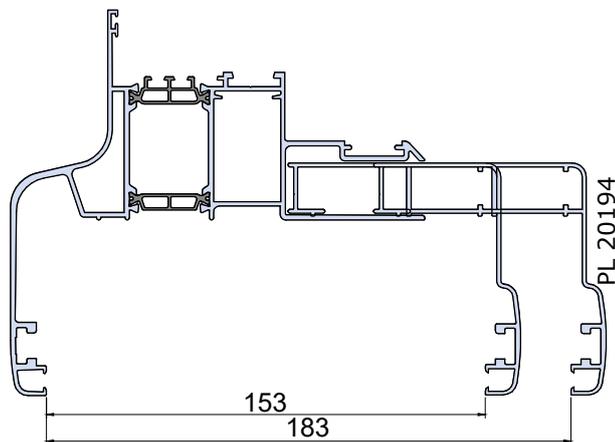
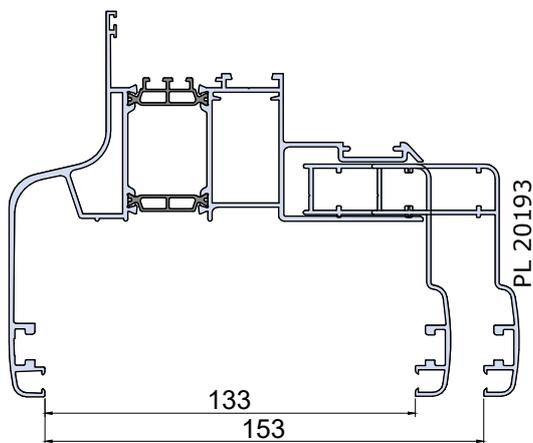


NODI E SEZIONI
Sections

NODO 37

Imbotti capannone - range d'applicazione

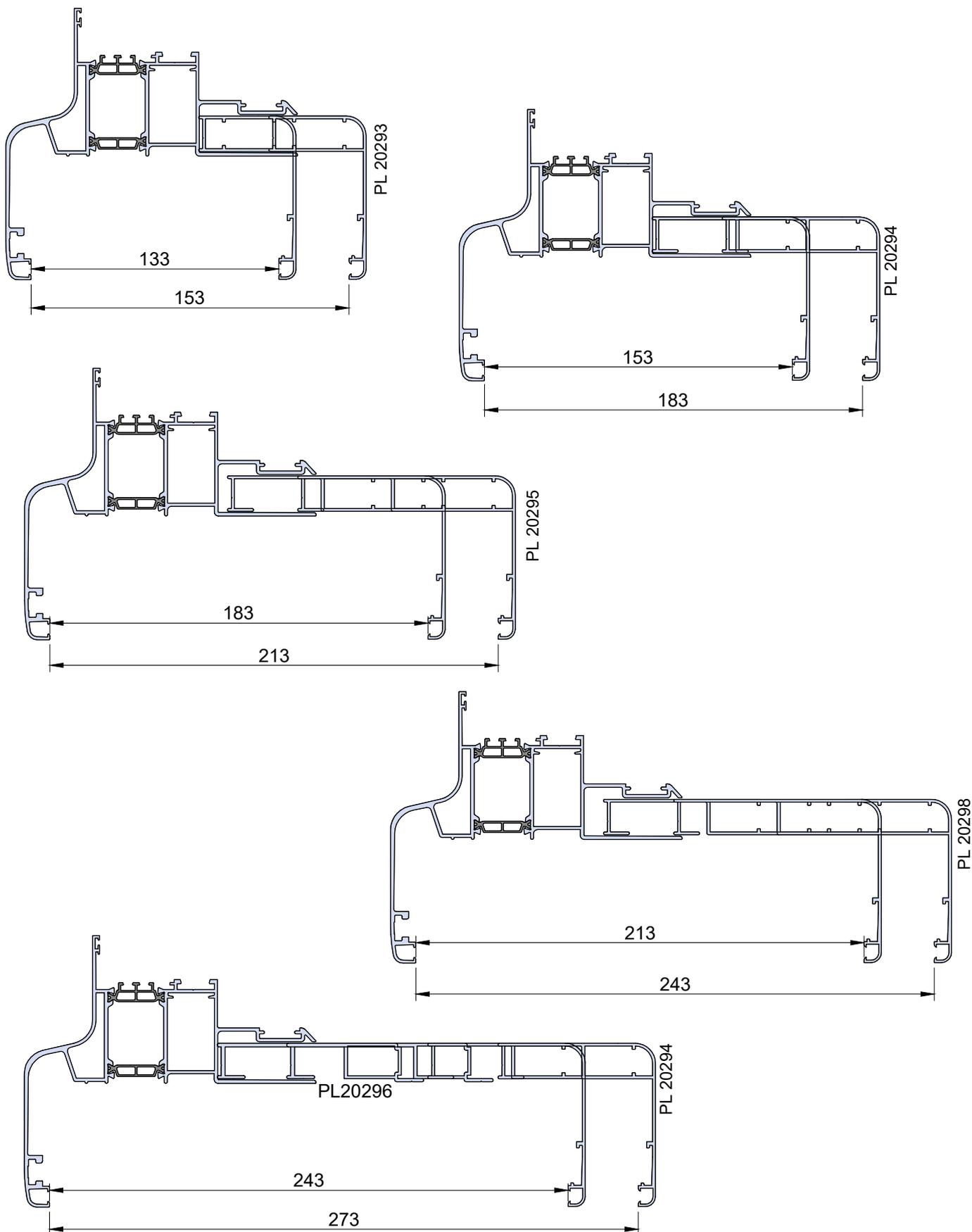
Industrial shed with wall profiles - range of application



NODO 38

Imbotti capannone - range d'applicazione

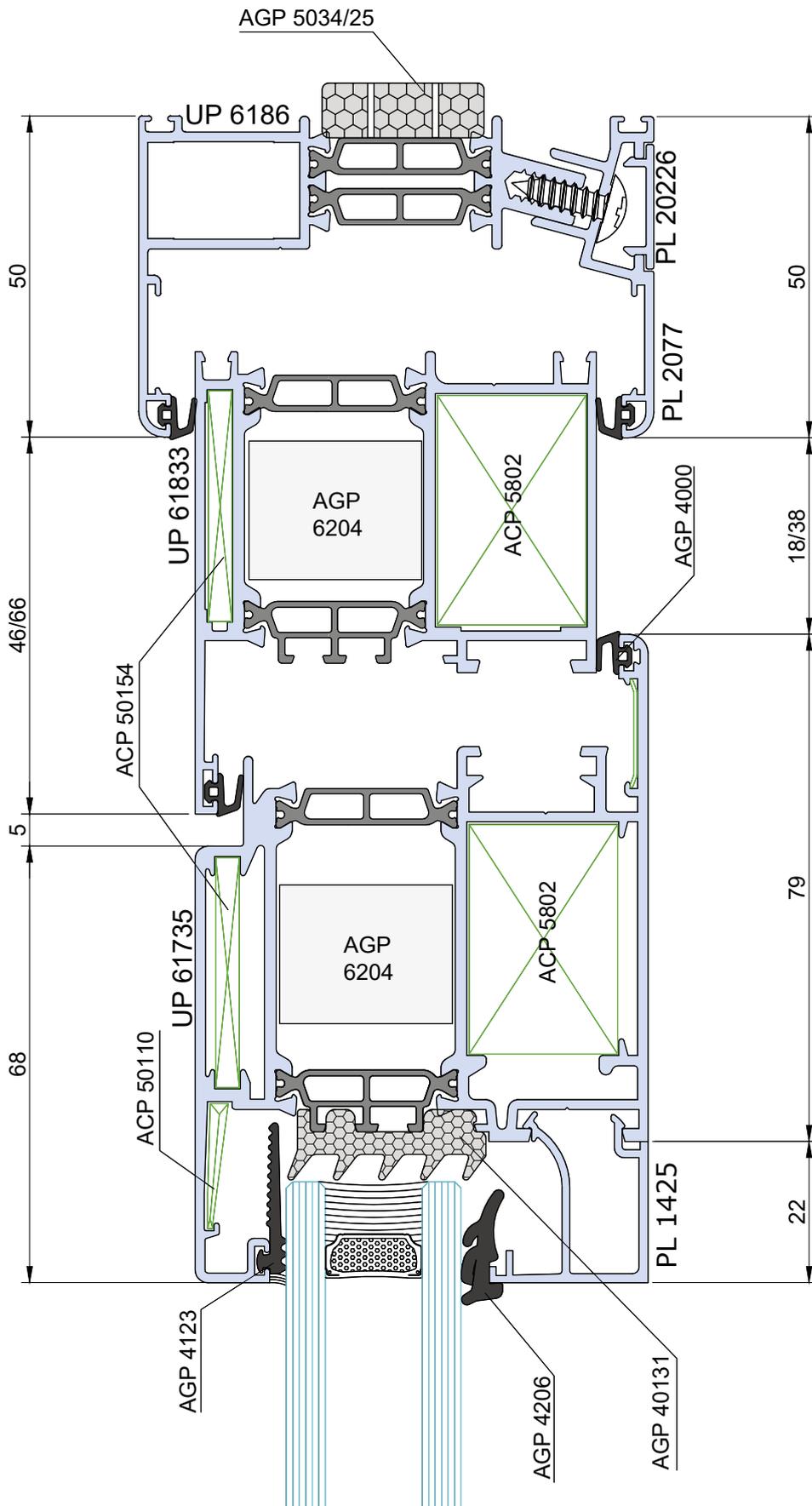
Industrial shed with wall profiles - range of application



NODO 39

Finestrature a nastro - nodo superiore

Ribbon windows - upper node

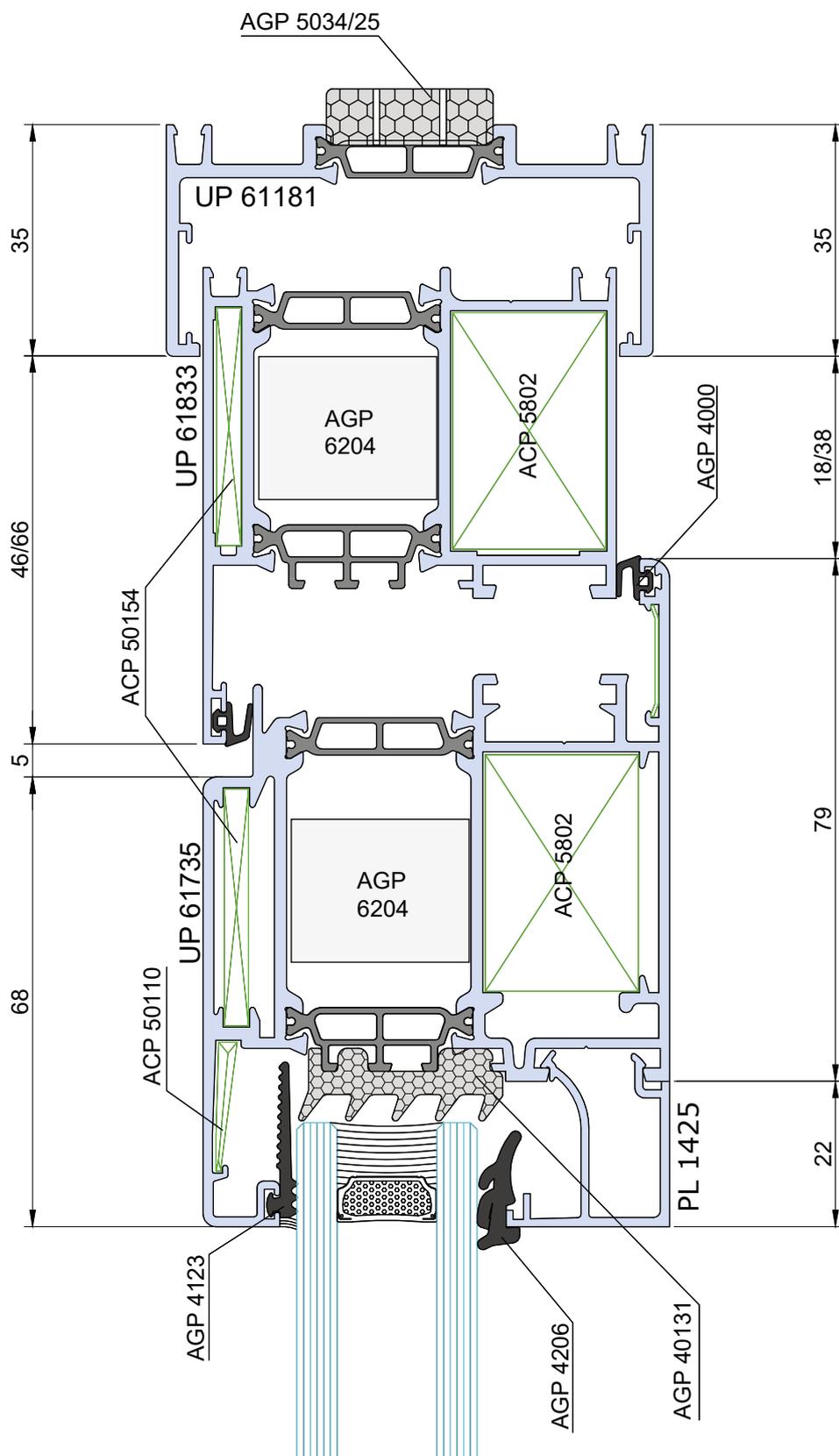


NODI E SEZIONI
Sections

NODO 40

Finestrature a nastro - nodo superiore

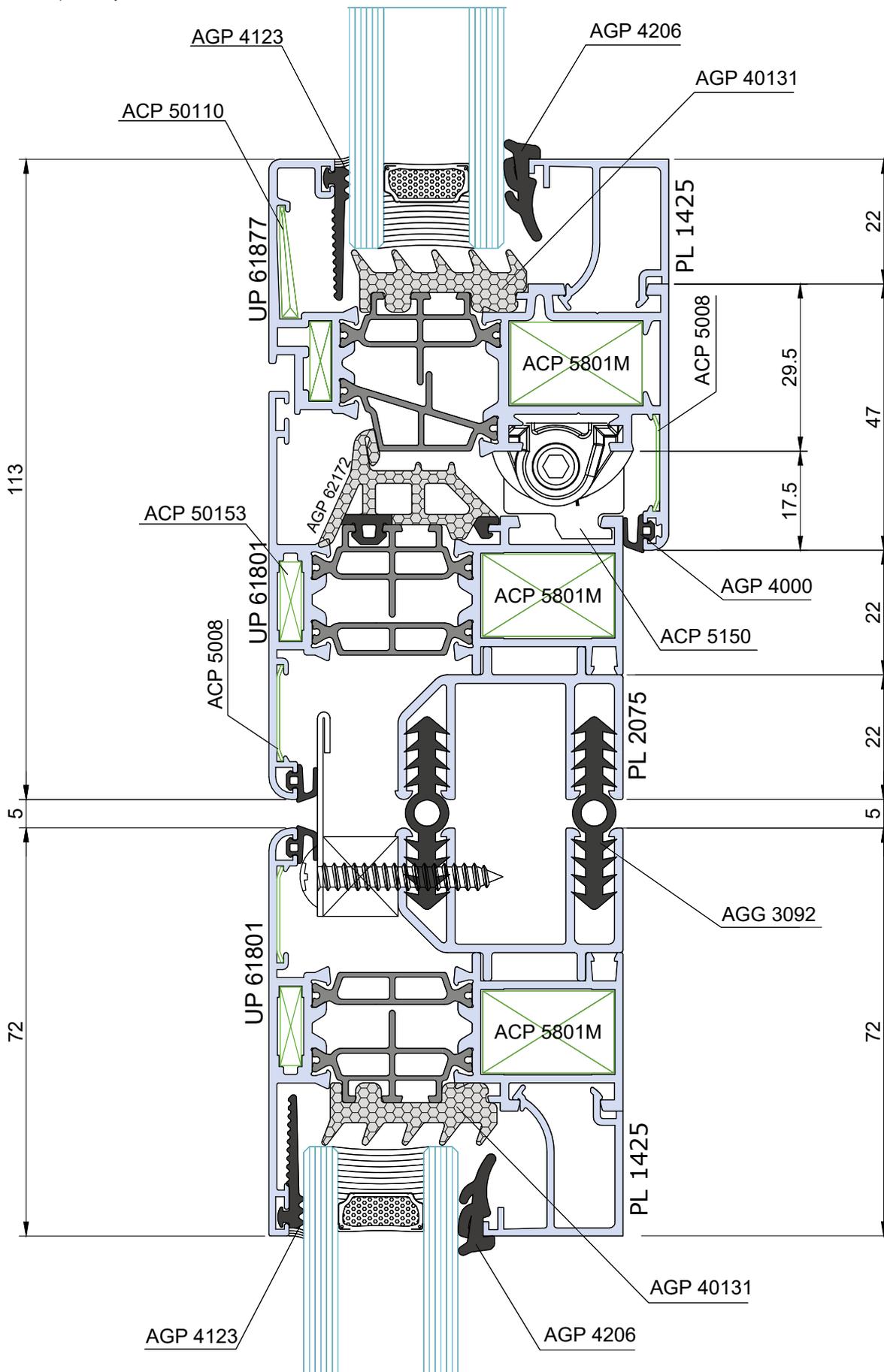
Ribbon windows - upper node



NODO 41

Finestratura a nastro - giunto di dilatazione

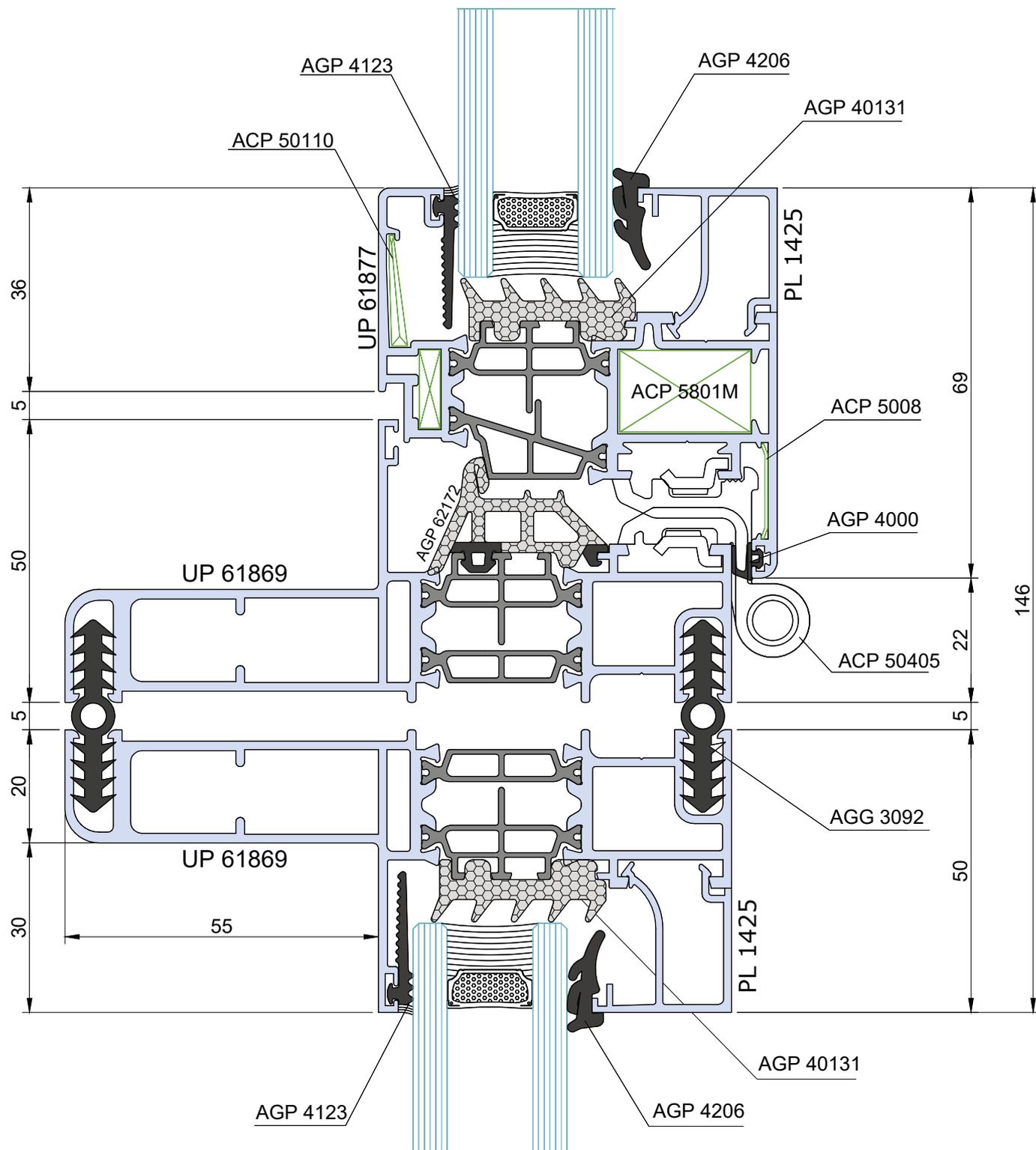
Ribbon window - expansion joint



NODO 42

Finestratura a nastro - mezza colonna

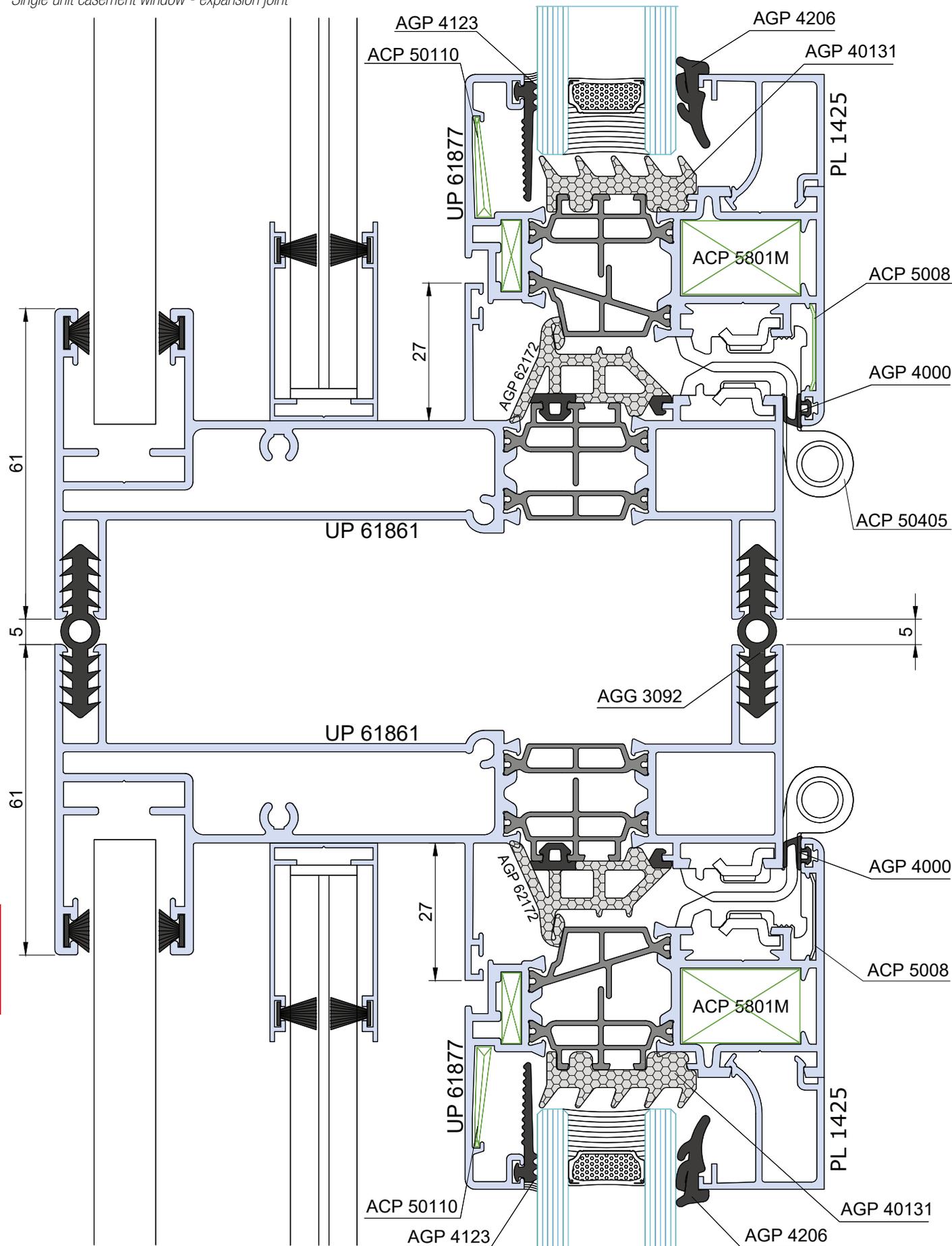
Ribbon window - half column



NODO 43

Finestra monoblocco a bandiera - giunto di dilatazione

Single unit casement window - expansion joint

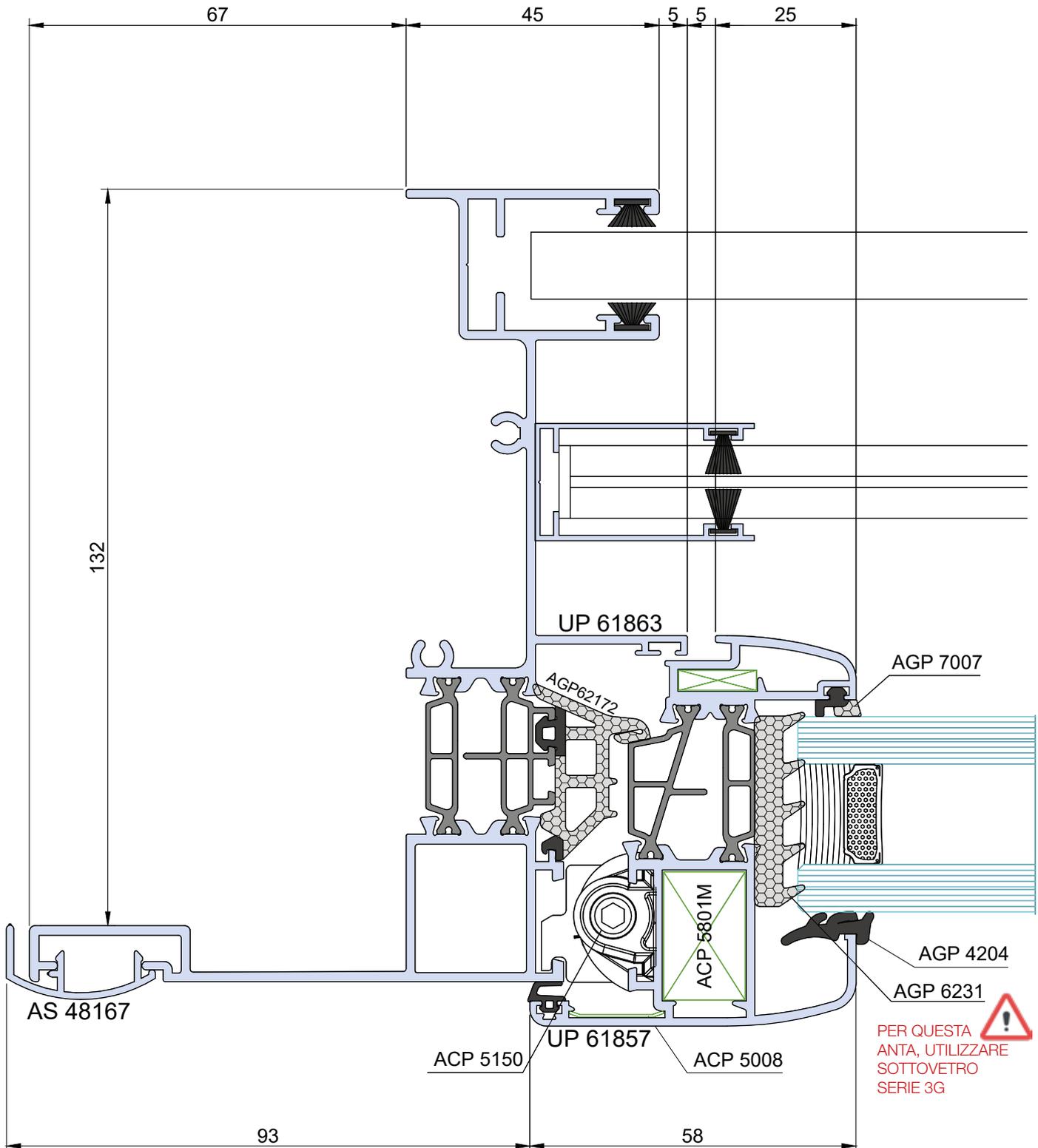


NODI E SEZIONI
Sections

NODO 44

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

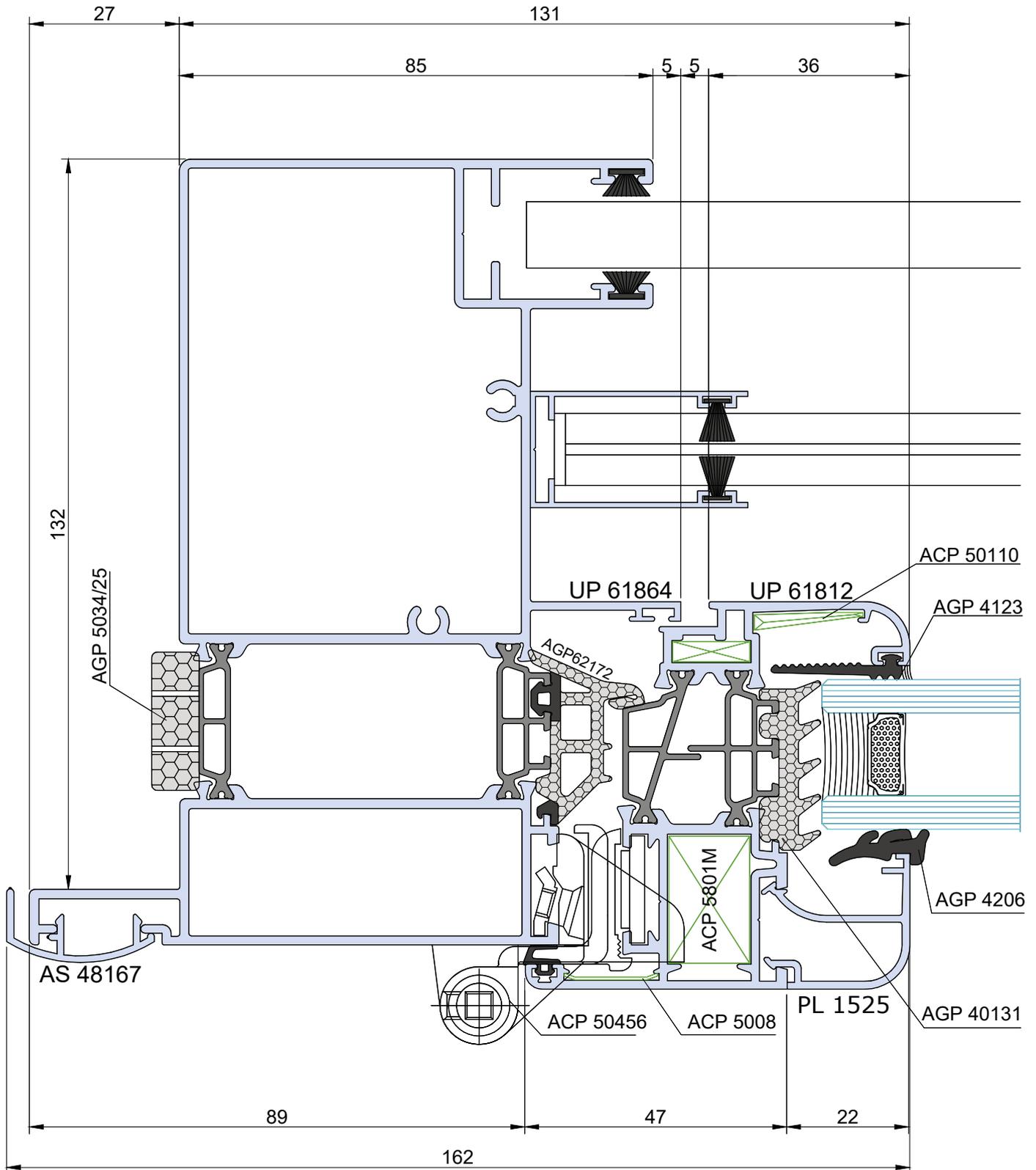


NODI E SEZIONI
Sections

NODO 45

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

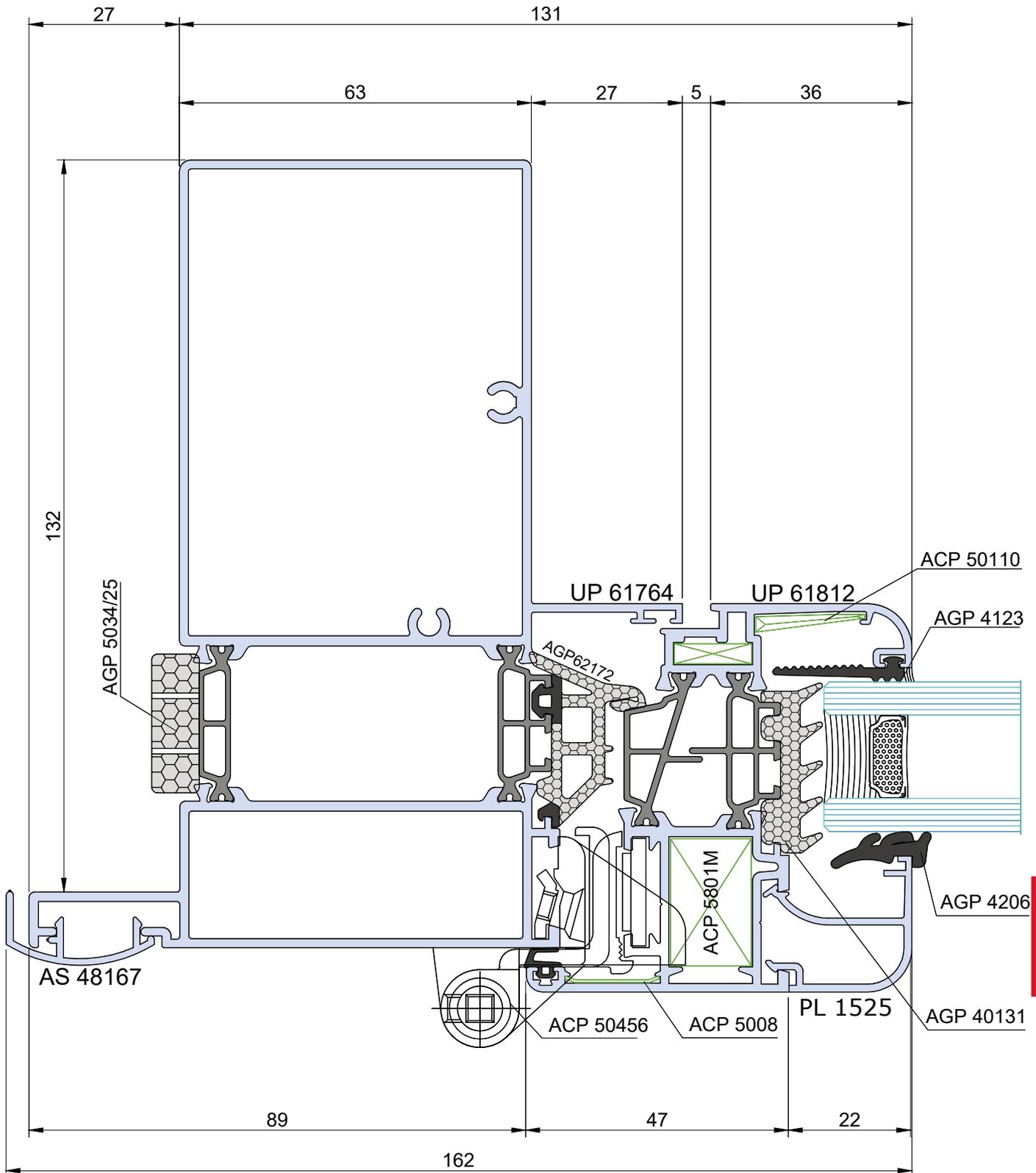


NODI E SEZIONI
Sections

NODO 46

Finestra monoblocco spalla chiusa senza guida tapparella - nodo laterale

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

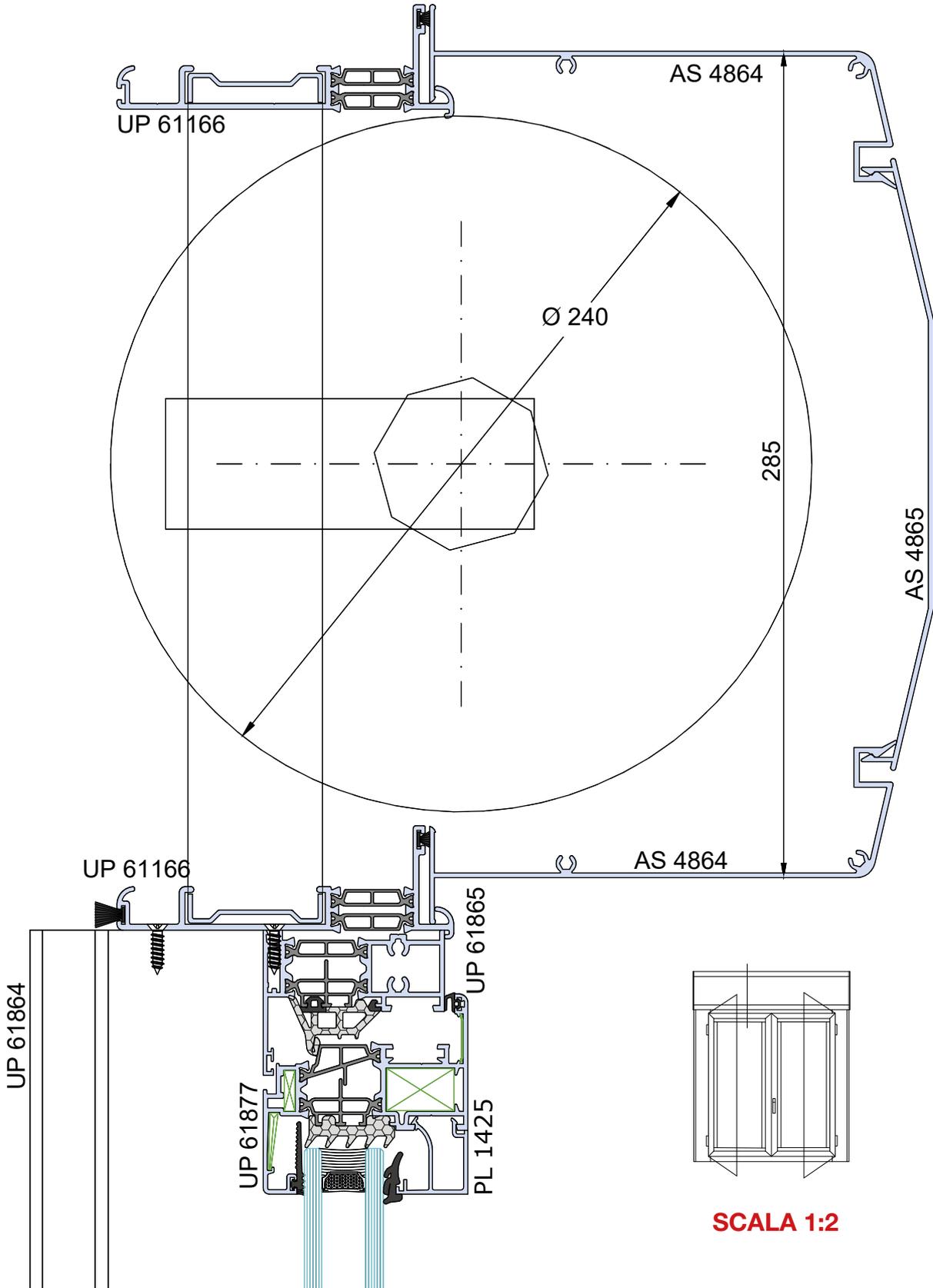


NODI E SEZIONI
Sections

NODO 47

Nodo cassonetto monoblocco

Single unit - casing



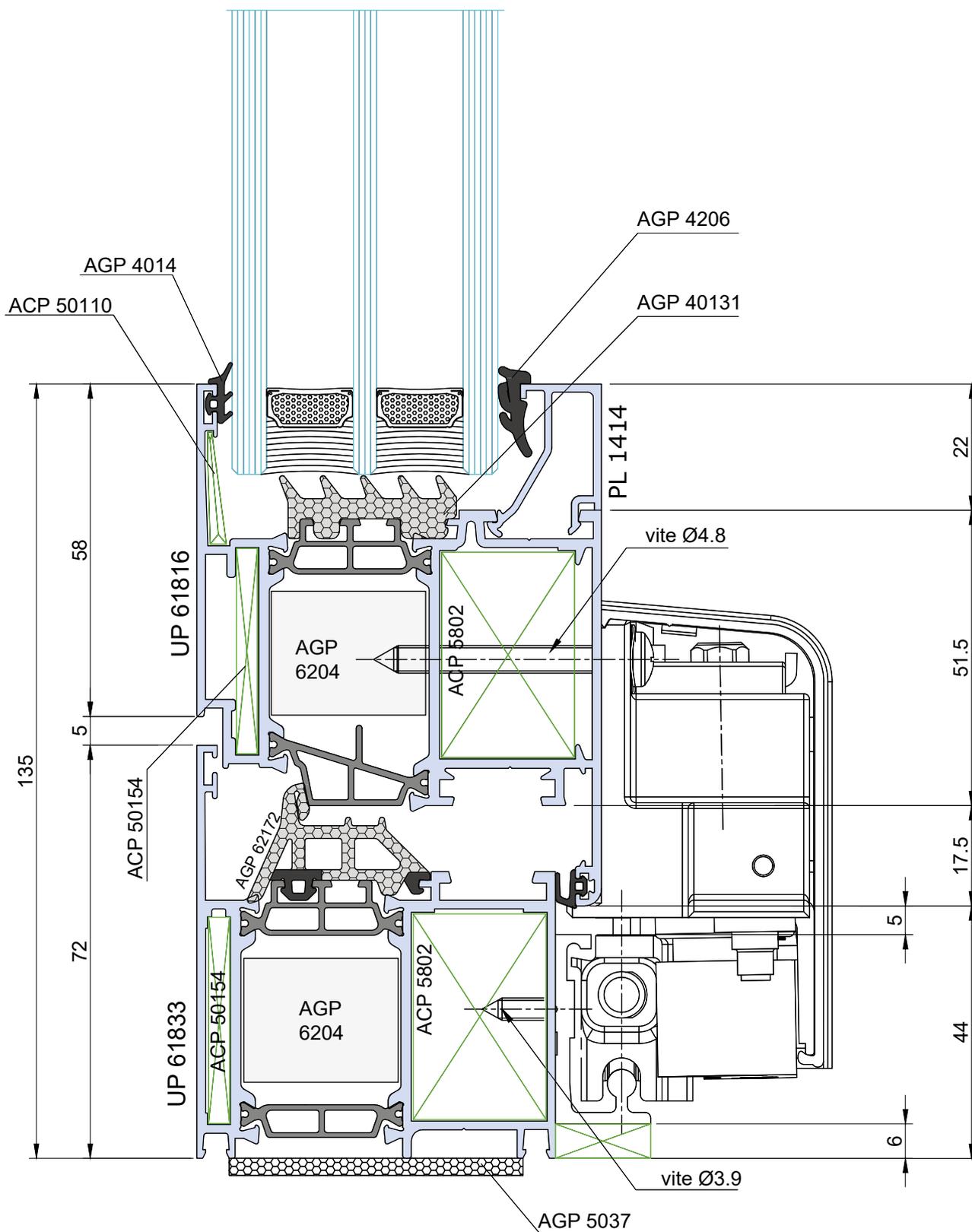
NODI E SEZIONI

Sections

NODO 48

Scorrevole parallelo - nodo inferiore

Parallel sliding - lower node

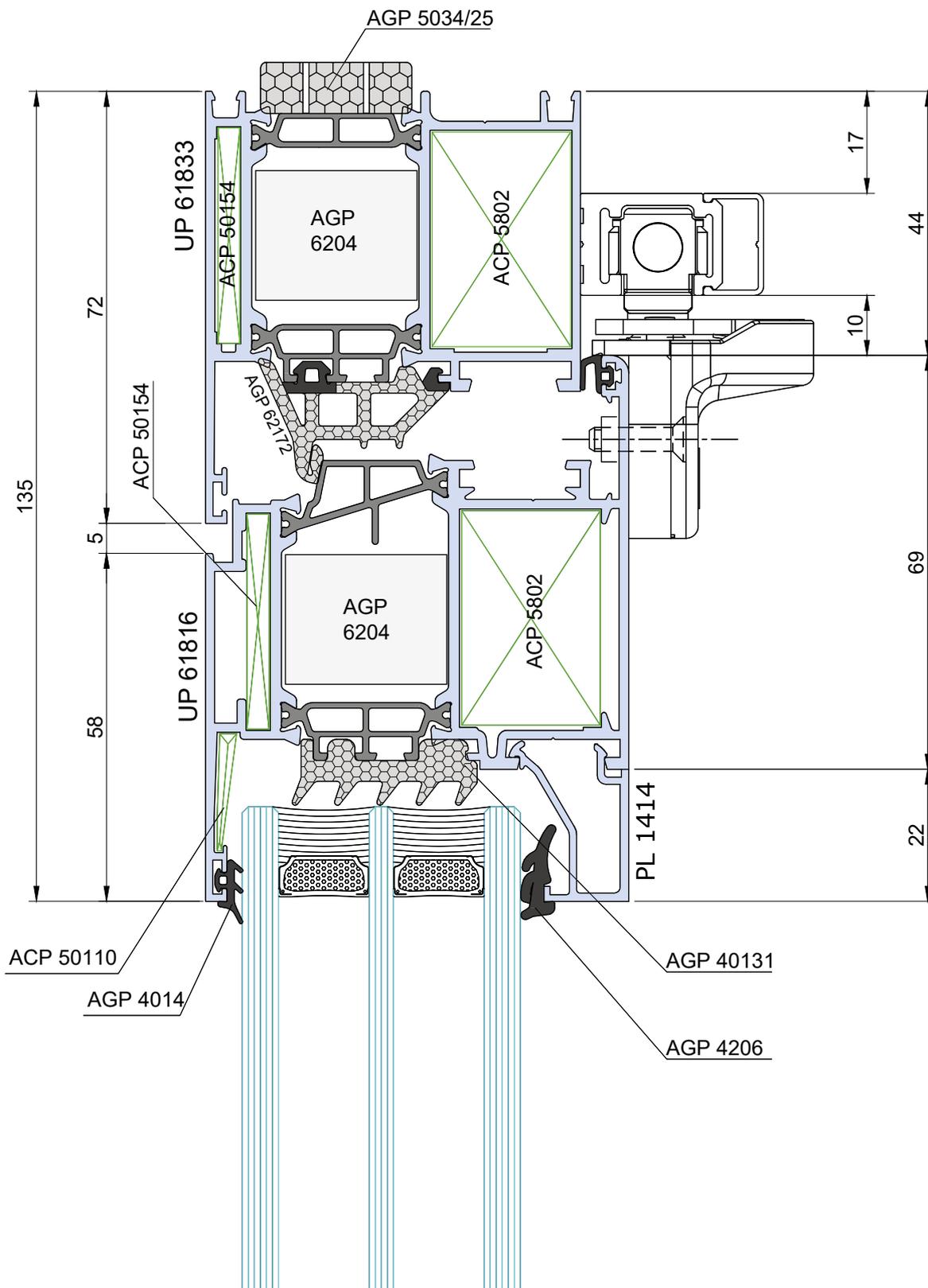


NODI E SEZIONI
Sections

NODO 49

Scorrevole parallelo - nodo superiore

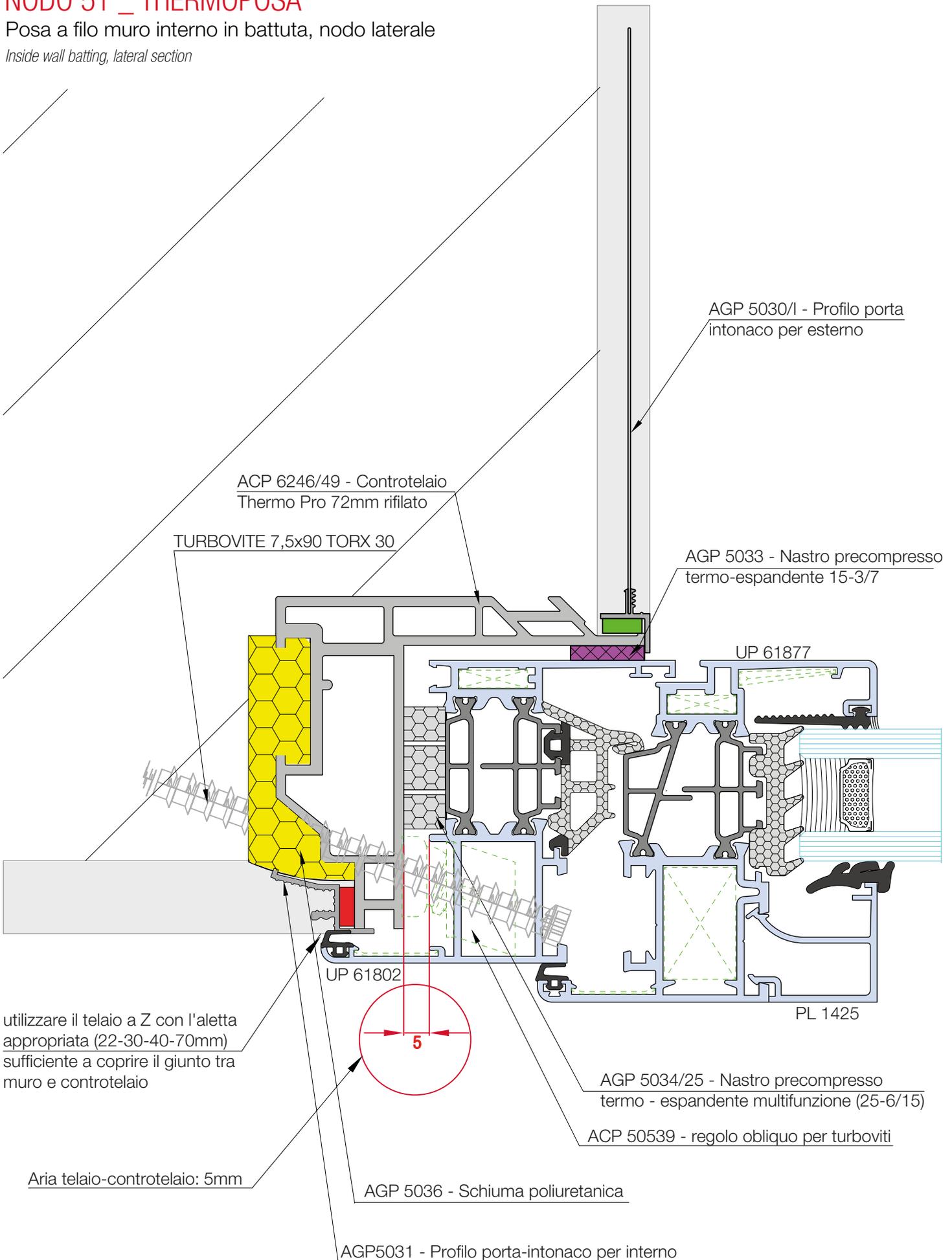
Parallel sliding - upper node



NODO 51 _ THERMOPOSA

Posa a filo muro interno in battuta, nodo laterale

Inside wall batting, lateral section



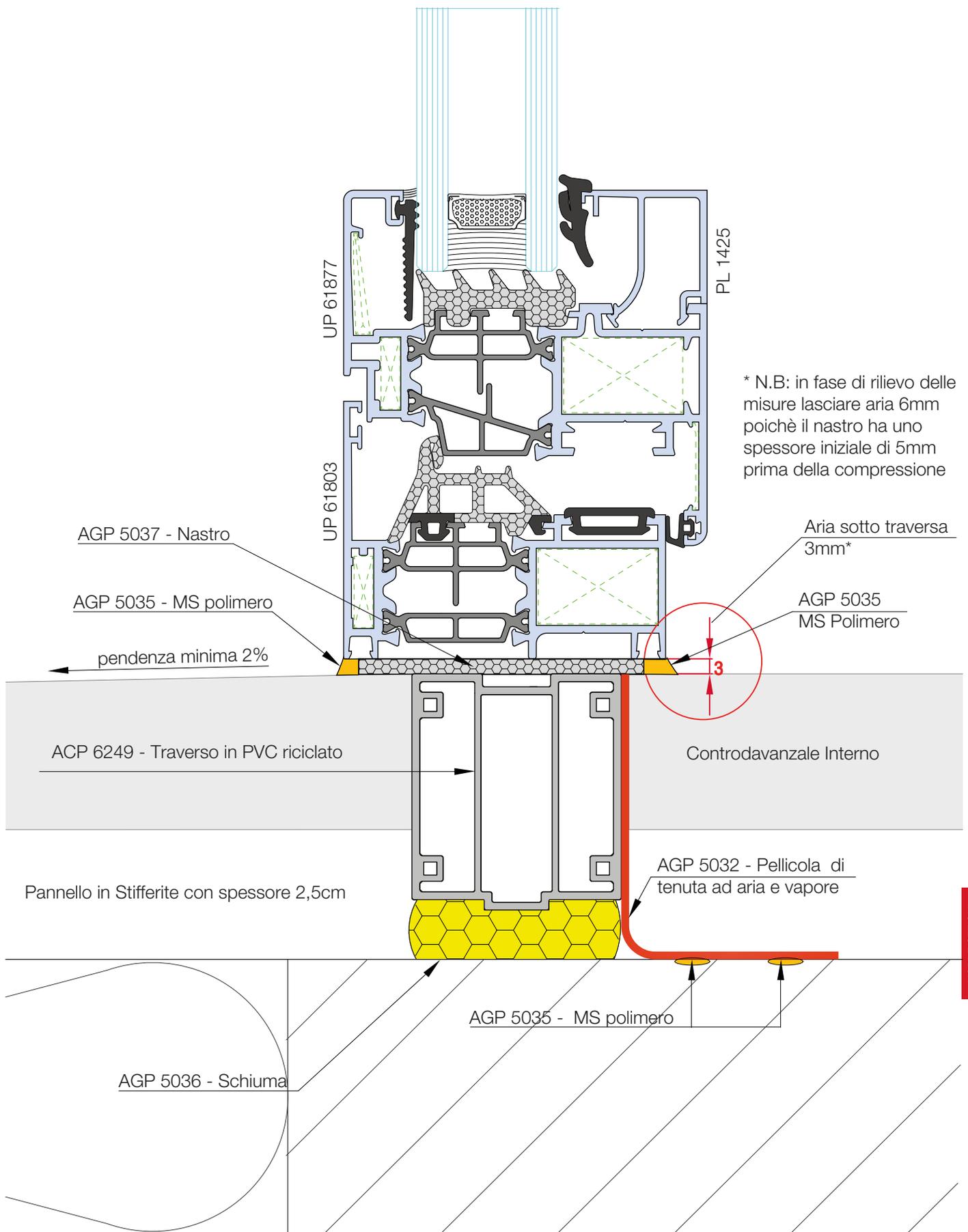
utilizzare il telaio a Z con l'aletta appropriata (22-30-40-70mm) sufficiente a coprire il giunto tra muro e controtelaio

Aria telaio-controtelaio: 5mm

NODO 52 _ THERMOPOSA

Posa soglia

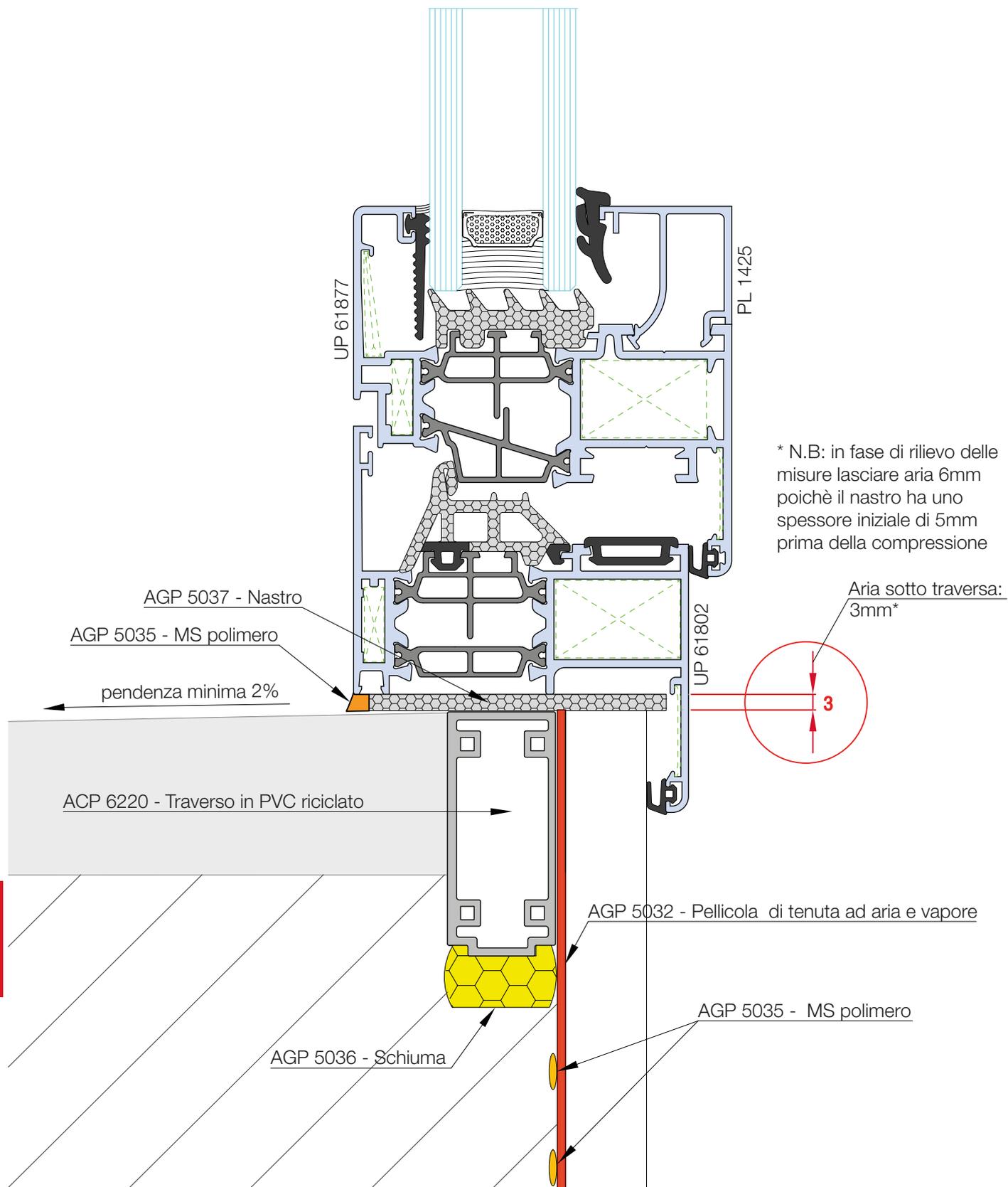
Inside wall batting, lateral section



NODO 53 _ THERMOPOSA

Posa a filo muro interno, nodo a davanzale

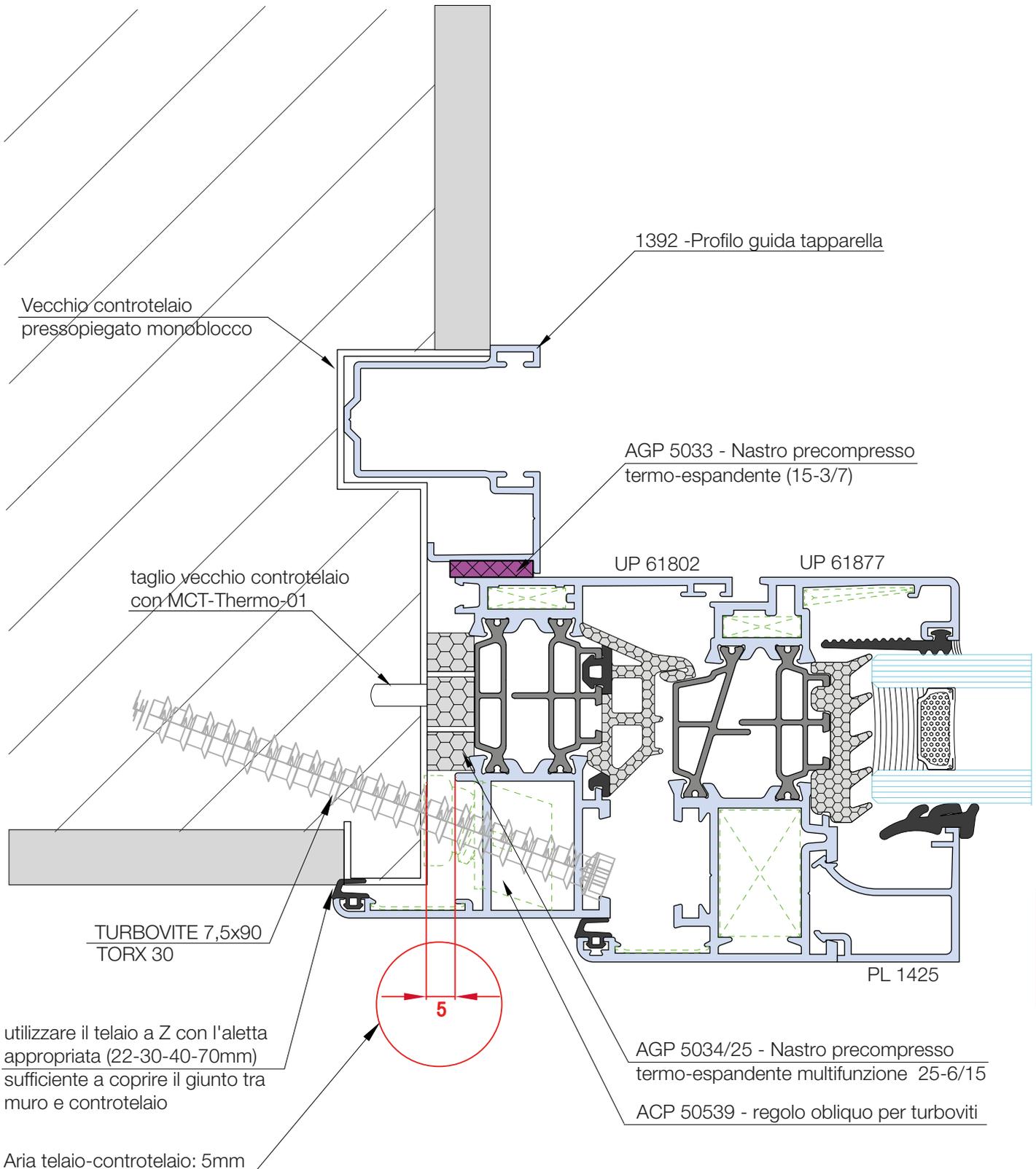
Lowest node



NODO 54 _ THERMOPOSA

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

Inside wall batting, lateral section





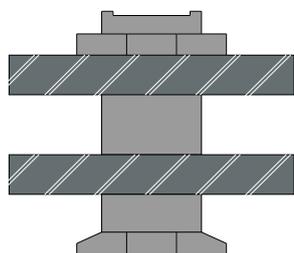
Punzonatrice

Punching machine



Pantografo / fresatrice / centro di lavoro

Pantograph / cutter / machine center



MCT PL 06PT

Gruppo frese per serie Planet 62 Plus, 62 UP solo vetro da infilare. Spazio vetro 30mm

Cutting machine for the Planet 62 Plus, 62 UP, only beadless glazing version glass gap 30mm



MCT PL JOLLY

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

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



MCT PL 14460

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

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



MCT PL 402 01 96

Polmoncino per lavorazione squadretta a spinare Planet

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



MCT PL 319 06 35

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

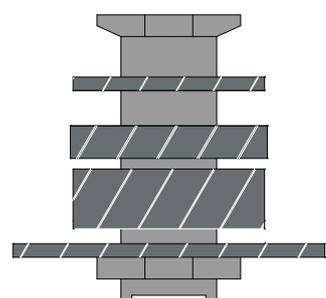
Portable punching machine for making the 3mm hole in the leaf for broaching the brackets ACP 50153 and ACP 50154



MCT PL 402 01 98

Polmoncino per lavorazione squadretta con pulsante da 10,5mm

Pneumatic machine for machining brackets with pushbutton 10,5mm



MCT PL 37 PT

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

Cutting machine for the Planet 62 Plus, 62 UP except glass insert



MCT PL PL01

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

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



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

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



MAC 210 SC

Spino cianfrinatrice pneumatica universale

Pneumatic crimping machine



MCT PL CIANFRINA

Coppia di coltelli per cianfrinare la serie Planet

Pair of blades for crimping the Planet range



MCT PL 400 03 63

Controsagoma per intestatura fermavetri arrotondati qualora si volessero tagliare a 45° senza 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, 62 PLUS e UP composizione:

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

I kit sono utilizzabili sulle spinocinfrinatrici MAC 210SC

Complete kit for braoching crimping profiles Planet 50TT, 62 TT e UP. Includes:

- 5 pairs of blades for Planet 50TT
- 5 pairs of blades for Planet 62TT e UP
- 4 shim kits
- Y iron

the kits can be used on braoching-crimping machines MAC210SC



ACP 6000

Kit controsagome per troncatrici Emmegi

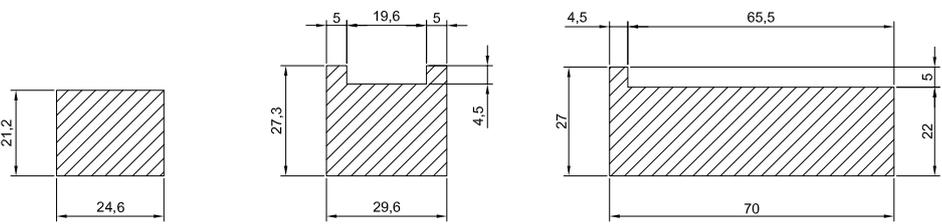
Shape Kit for Emmegi machine



EM 140G

Intestatrici per fermavetri arrotondati con morsa e gruppo frese

Glazing bead fixing machine



ACP 6001

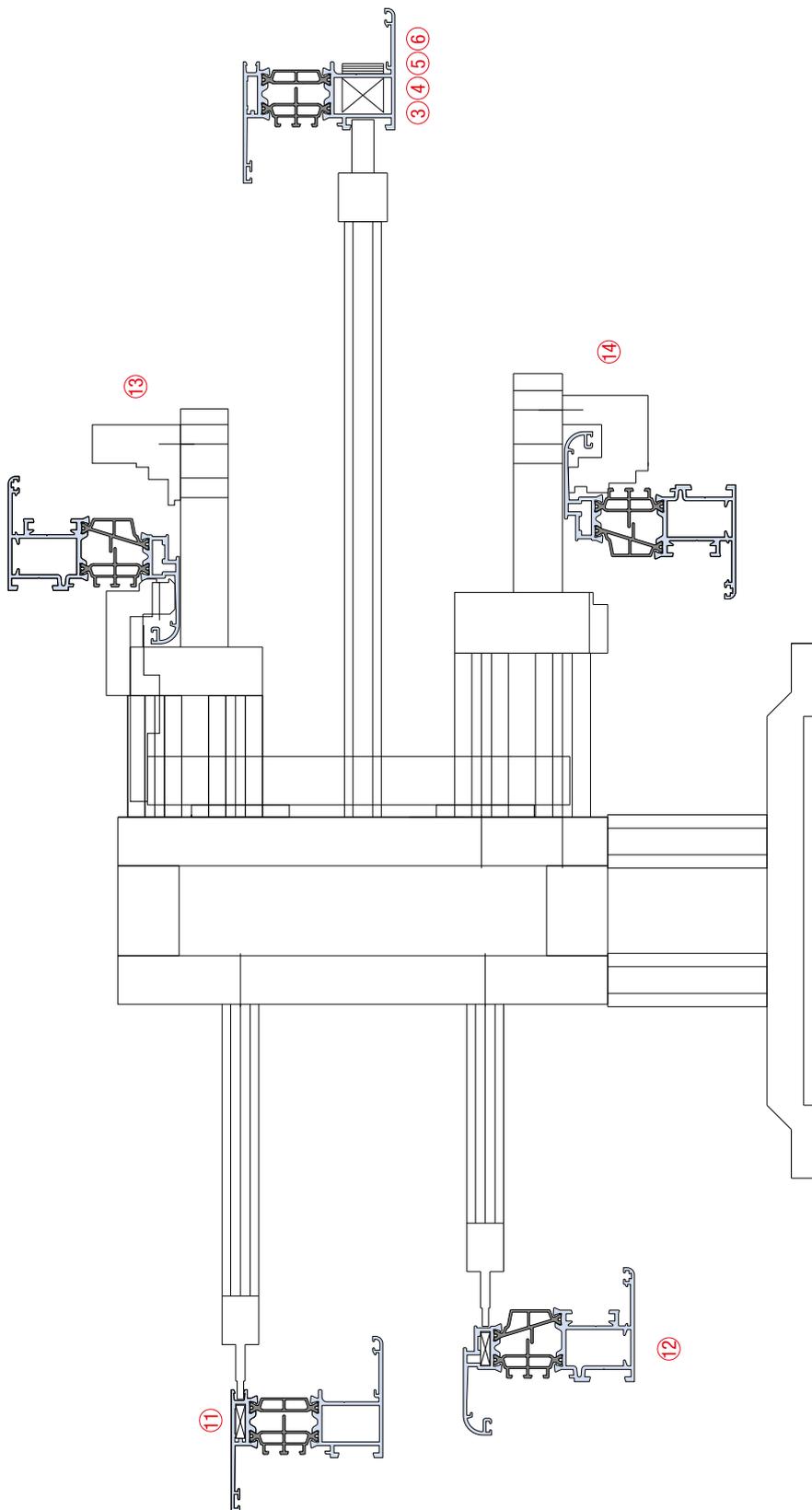
Kit controsagome per troncatrici (escluso Emmegi)

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 cavalletto / Ø10,5mm hole + machining for fixing clamp
- ⑤ Lav. Foro Ø8mm per fissaggio cavalletto / 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

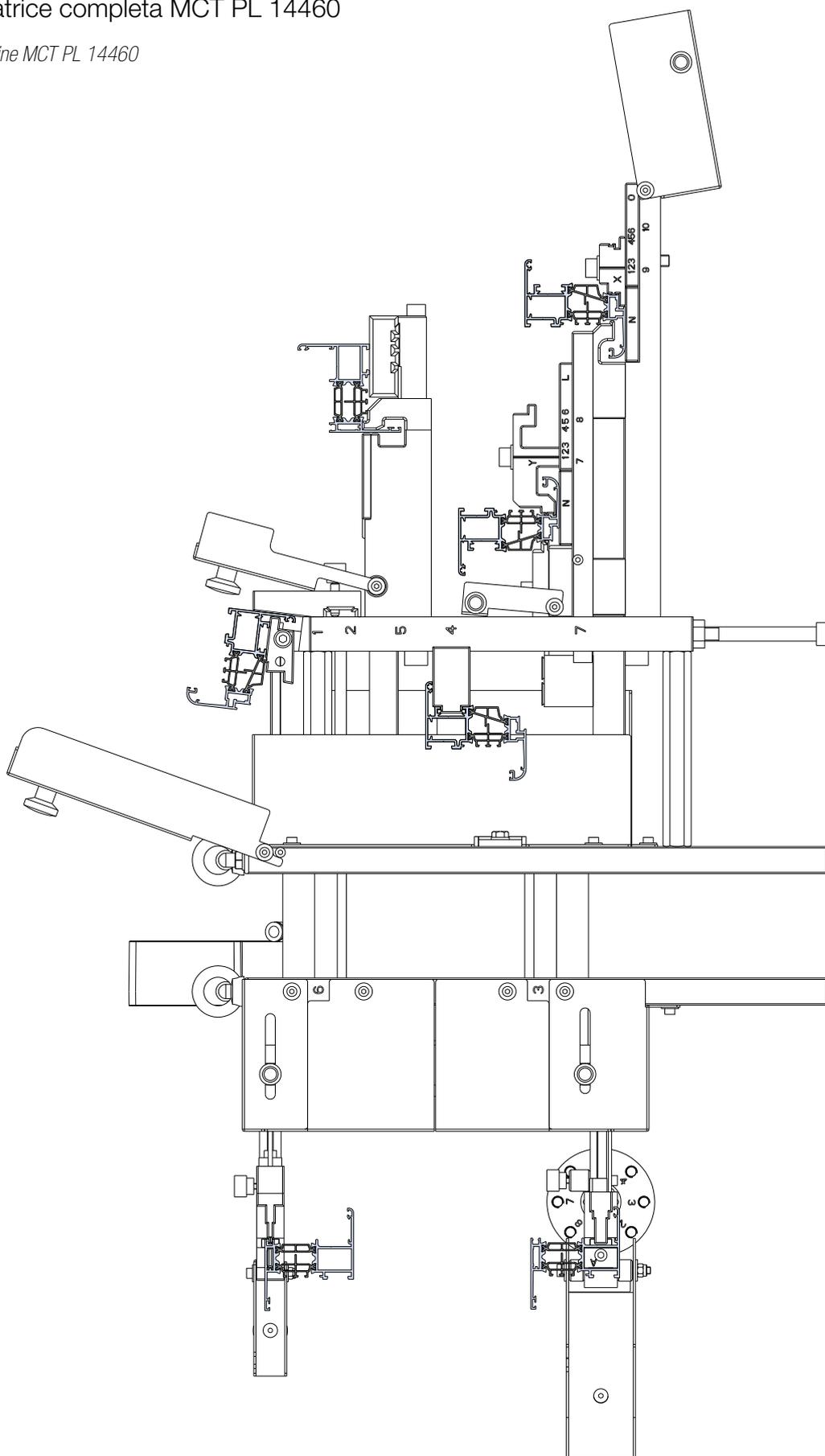


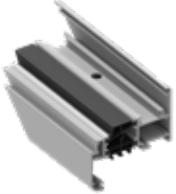
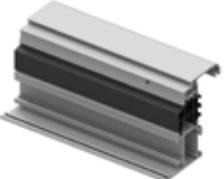
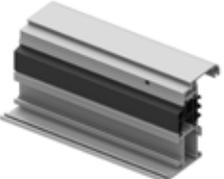
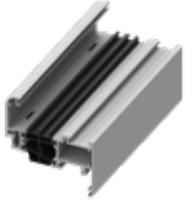
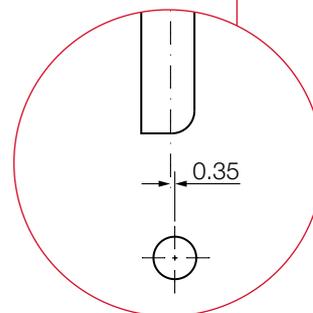
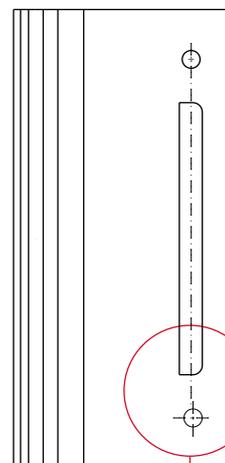
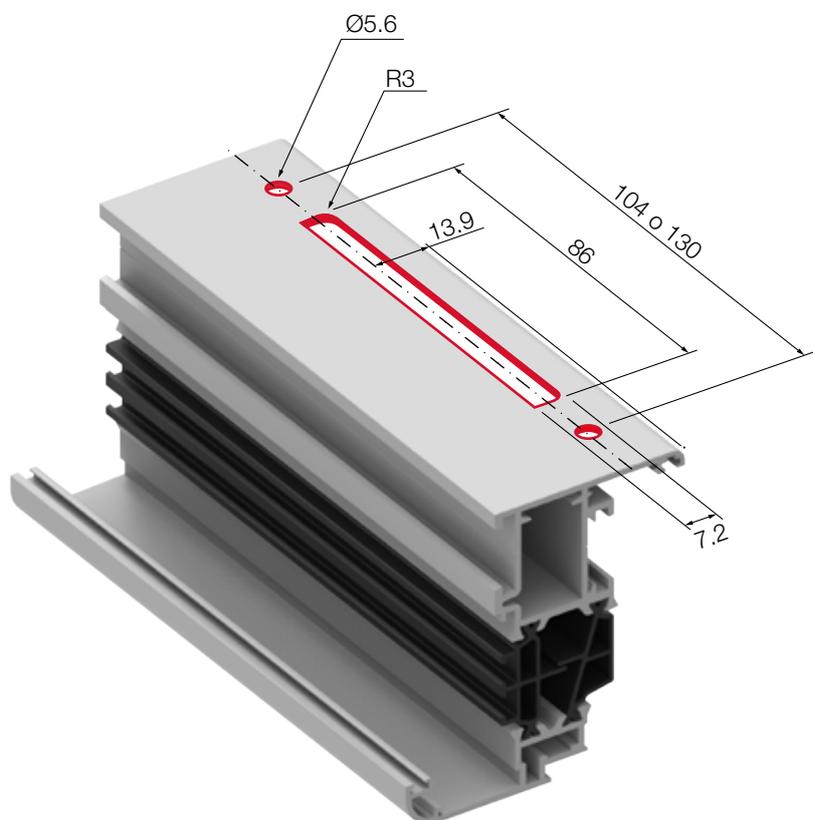
	Immagine lavorazione	Descrizione lavorazione	Lavorazione con punzonatrice MCT PL JOLLY	Lavorazione con punzonatrice MCT PL 14460
1		Asola e fori bloccaggio cremonese interasse 104mm oppure 130mm <i>slot and holes locking cremonese bolt centre distance 104mm or 130mm</i>	no	si
2		Foro astina di testa 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

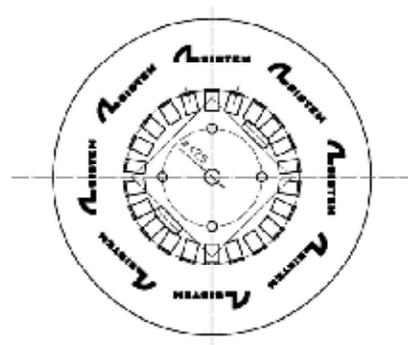
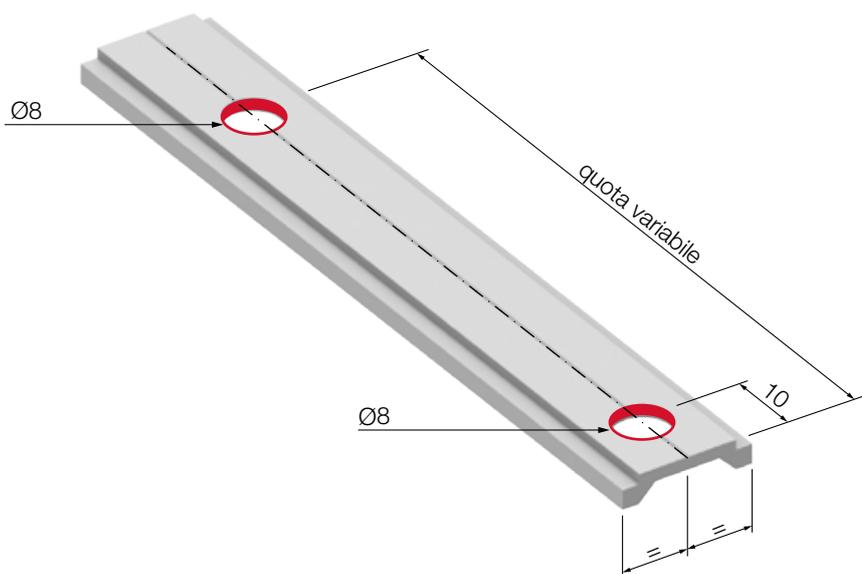
Slot and holes locking cremone bolt centre distance 104mm or 130mm



2 Foro astina di testa 8mm oppure passante

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

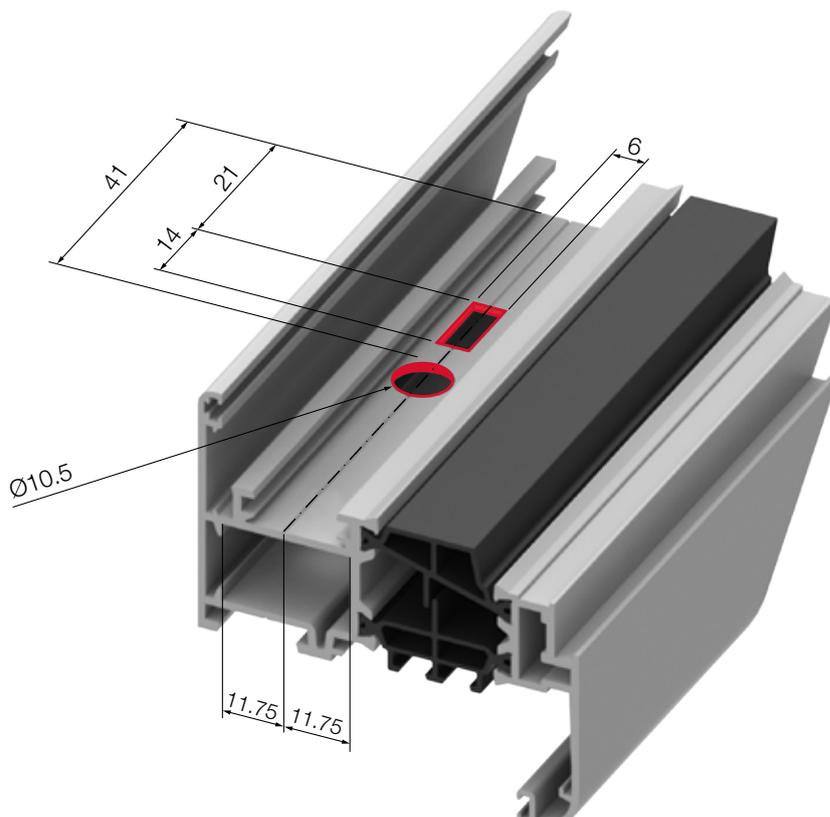
Hole or head rod 8mm or passing. Use aluminum rod AS 1000 or polyamide in TAC 1000 coil



TAC 1000

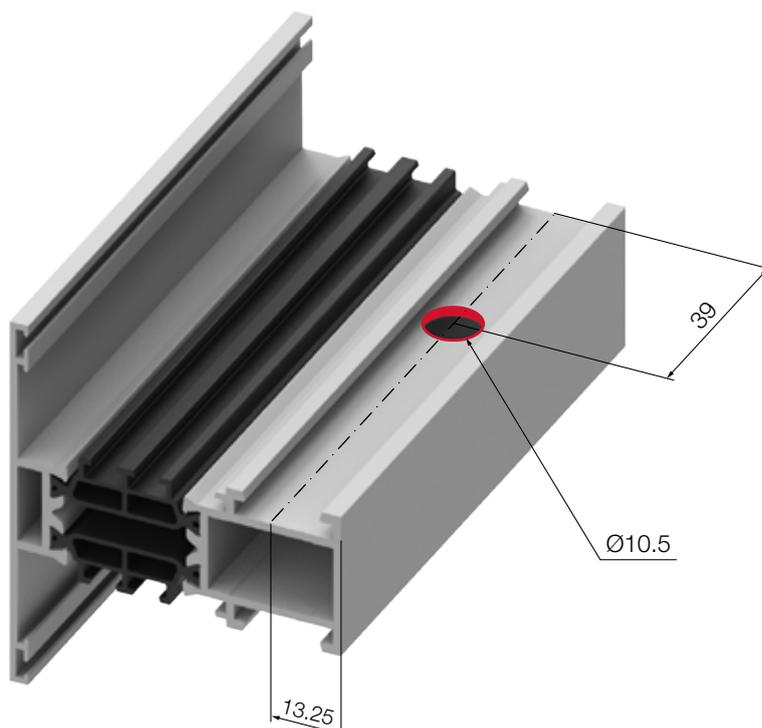
3 

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 

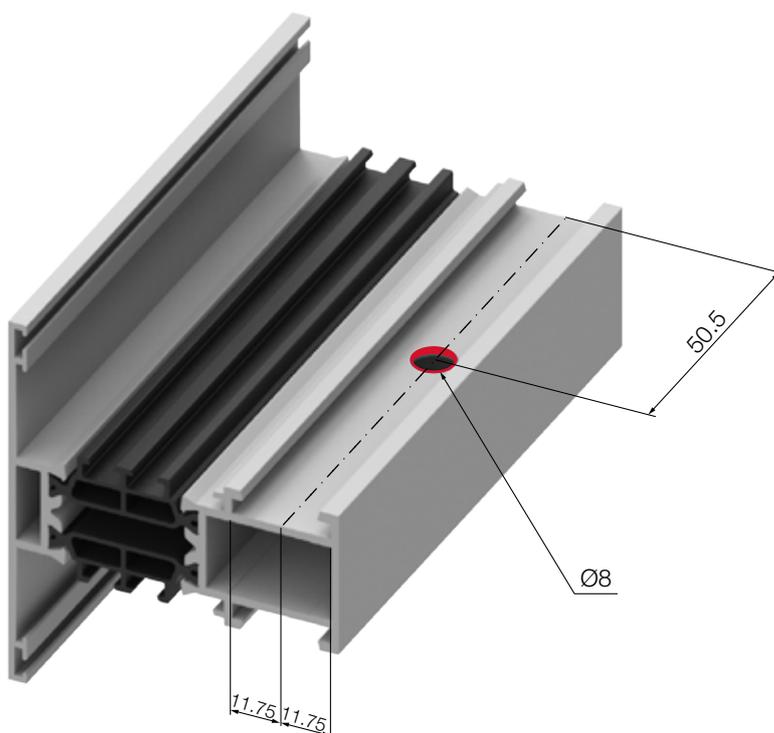
Foro Ø10,5mm per fissaggio cavallotto
Ø10,5mm hole for fixing clamp



5 

Foro Ø8mm per fissaggio cavallotto

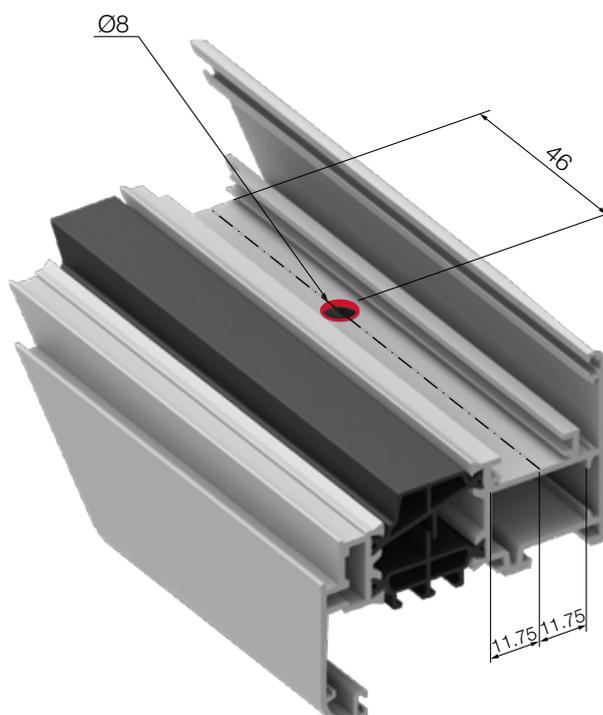
Ø8mm hole for fixing clamp



6 

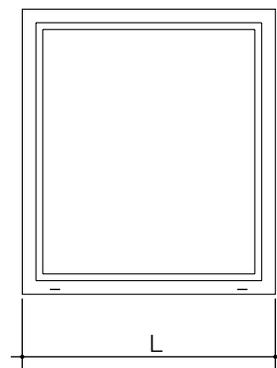
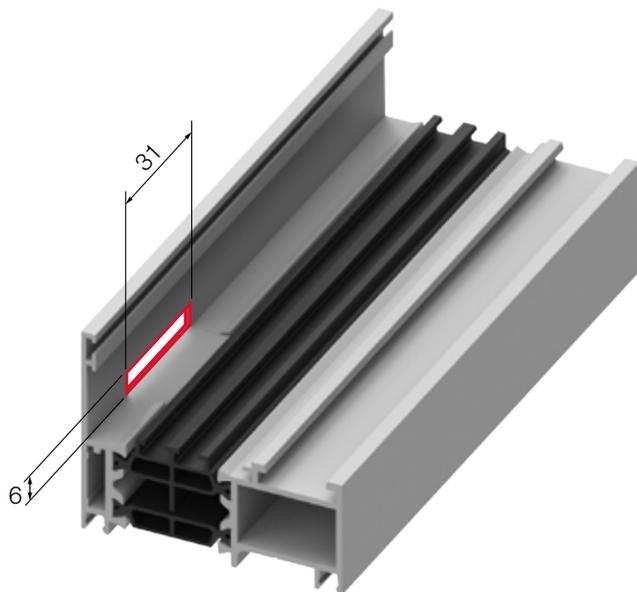
Foro Ø8mm per spina o vite squadretta multifunzione

Ø8mm hole for pin or screw multi-purpose bracket





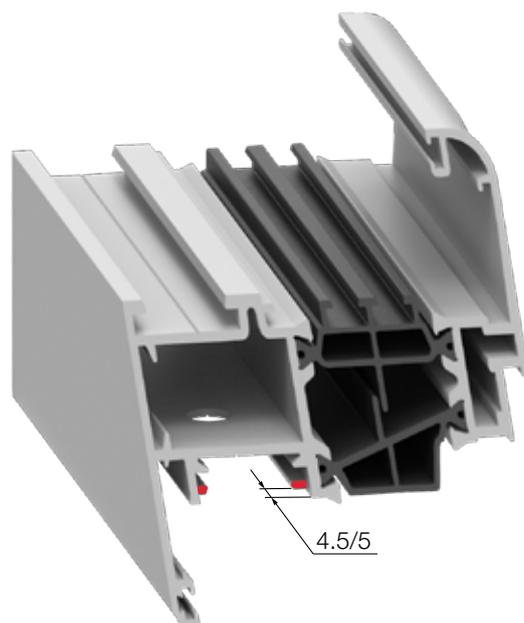
Scarico acqua 31X6mm *31X6mm water drainage*



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



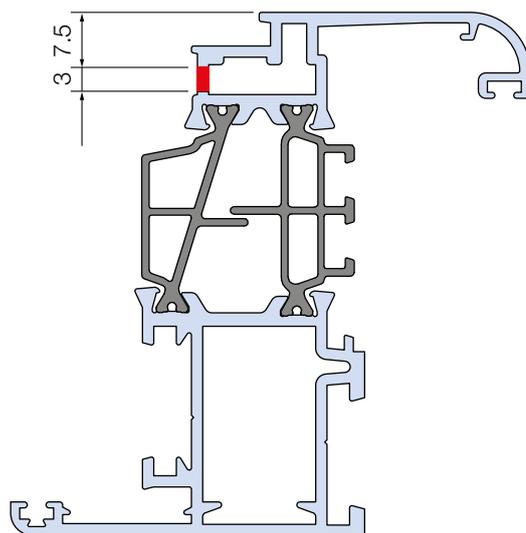
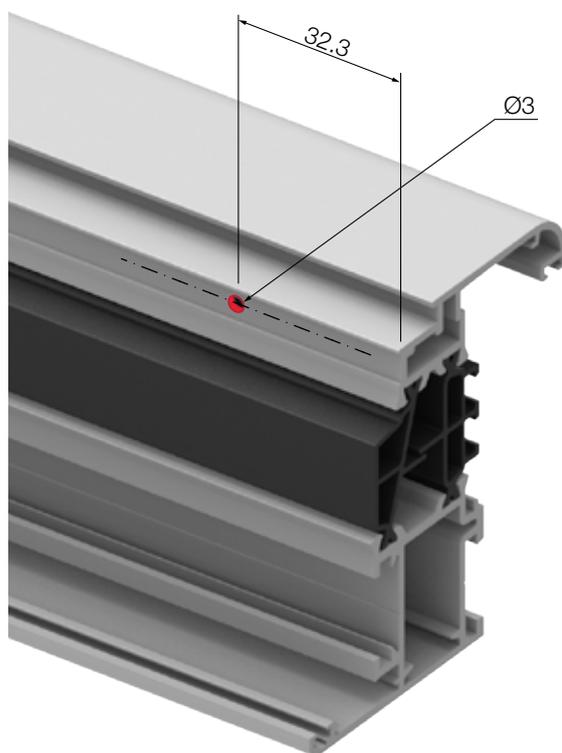
Spuntatura alette passaggio astina *Trimming of rod passage fins*



9 

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

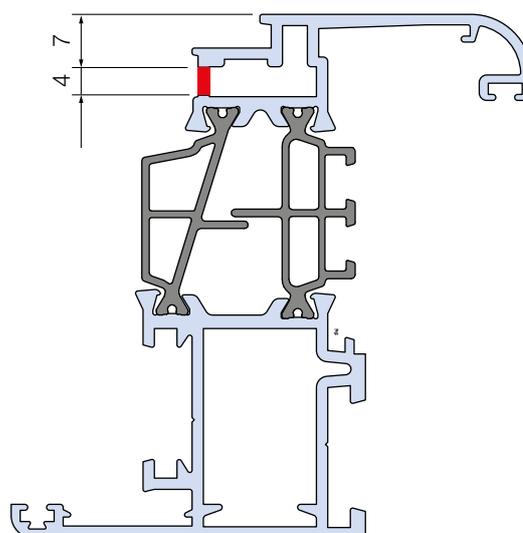
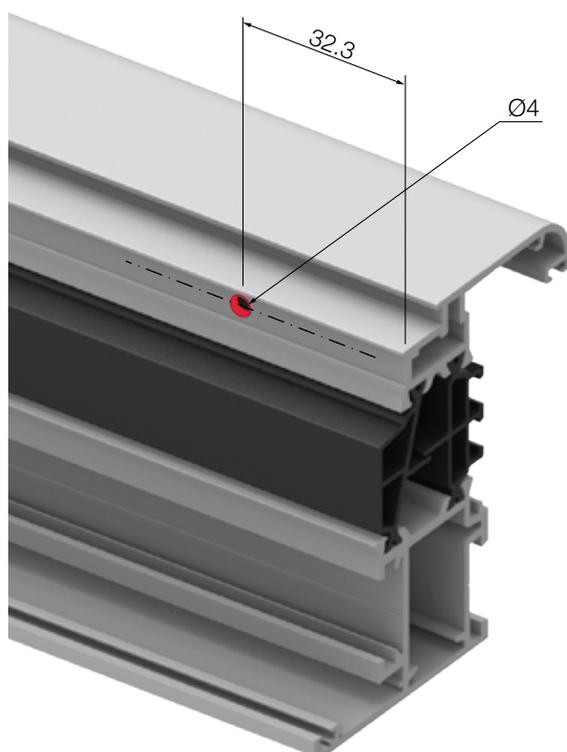
Ø3mm hole for pin ACP 50153, ACP 50154



10 

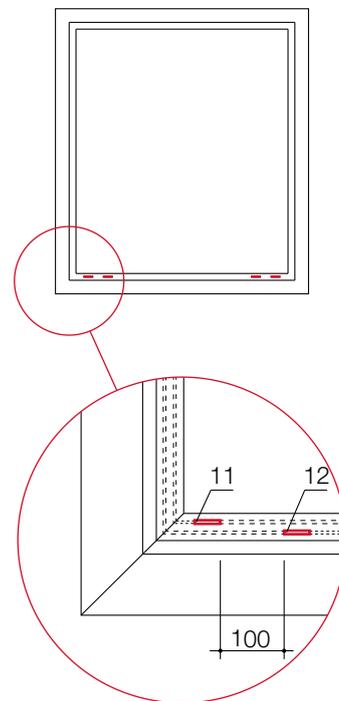
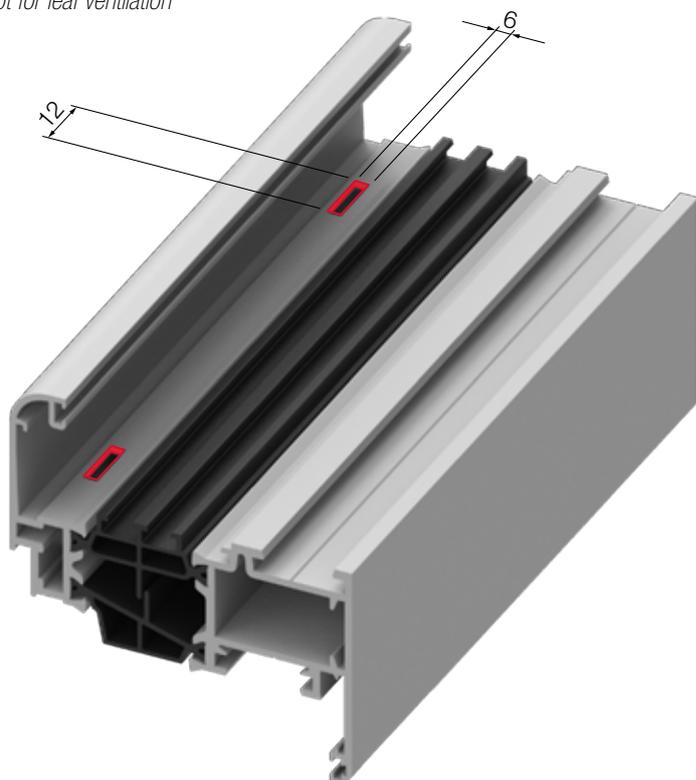
Foro Ø4mm per vite ACP 50155 squadretta ACP 50153, ACP 50154

Ø4mm hole for pin ACP 50153, ACP 50154



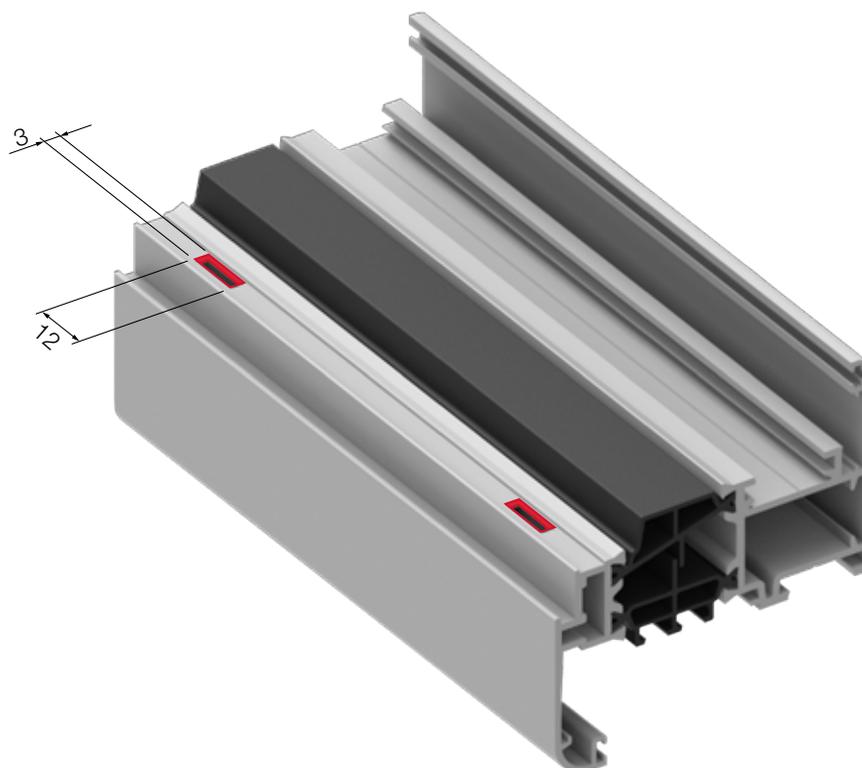
11 

Asola interna per areazione anta
Internal slot for leaf ventilation



12 

Asola esterna per areazione anta
External slot for leaf ventilation



13

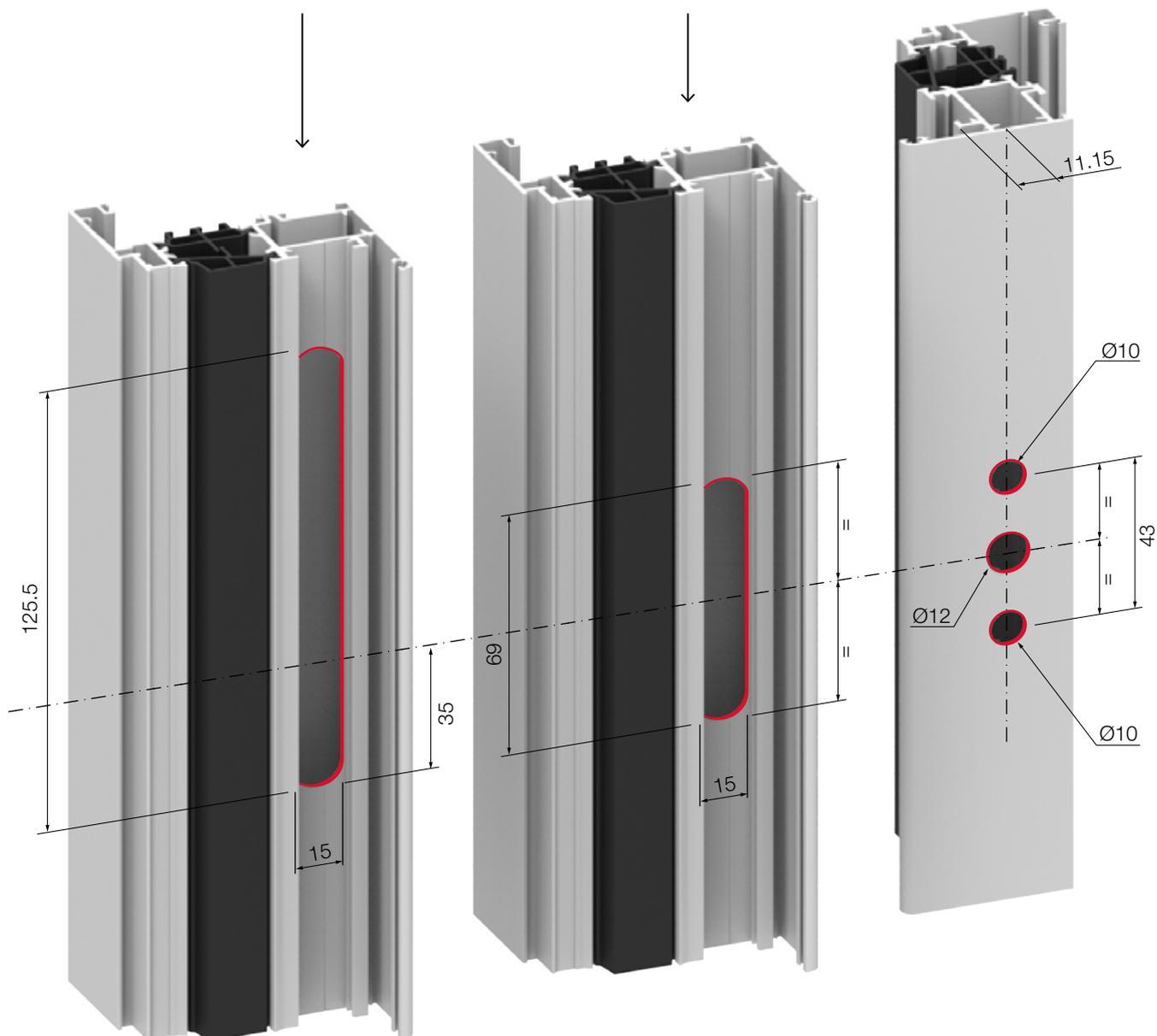
Lavorazione per montaggio meccanismo martellina ACP 5198 e ACP 5199N

Machining of Martellina mechanism assembly ACP 5198 and ACP 5199N



ACP 5199N BIDIREZIONALE

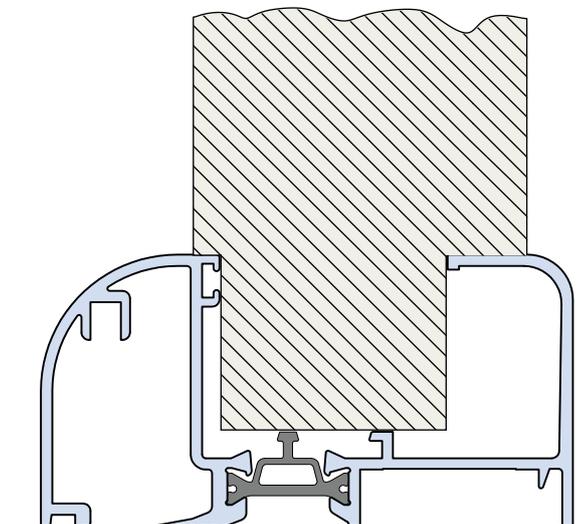
ACP 5198 MONODIREZIONALE



14 

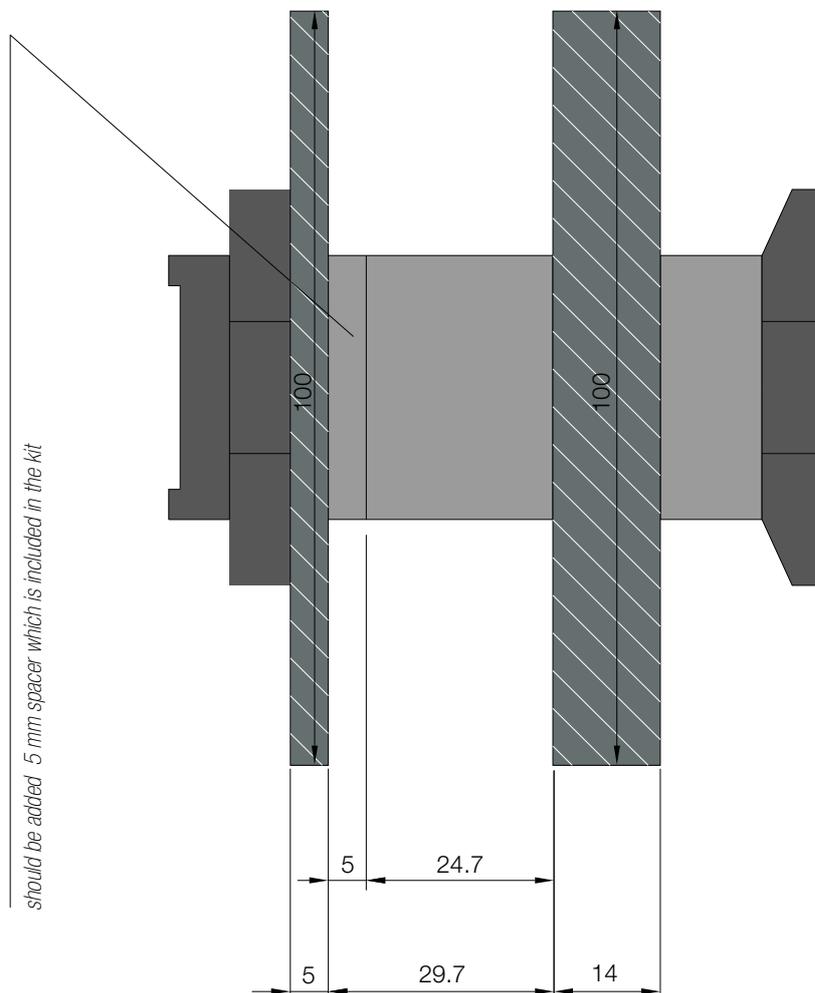
Gruppo frese MCT PL 06 PT

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



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

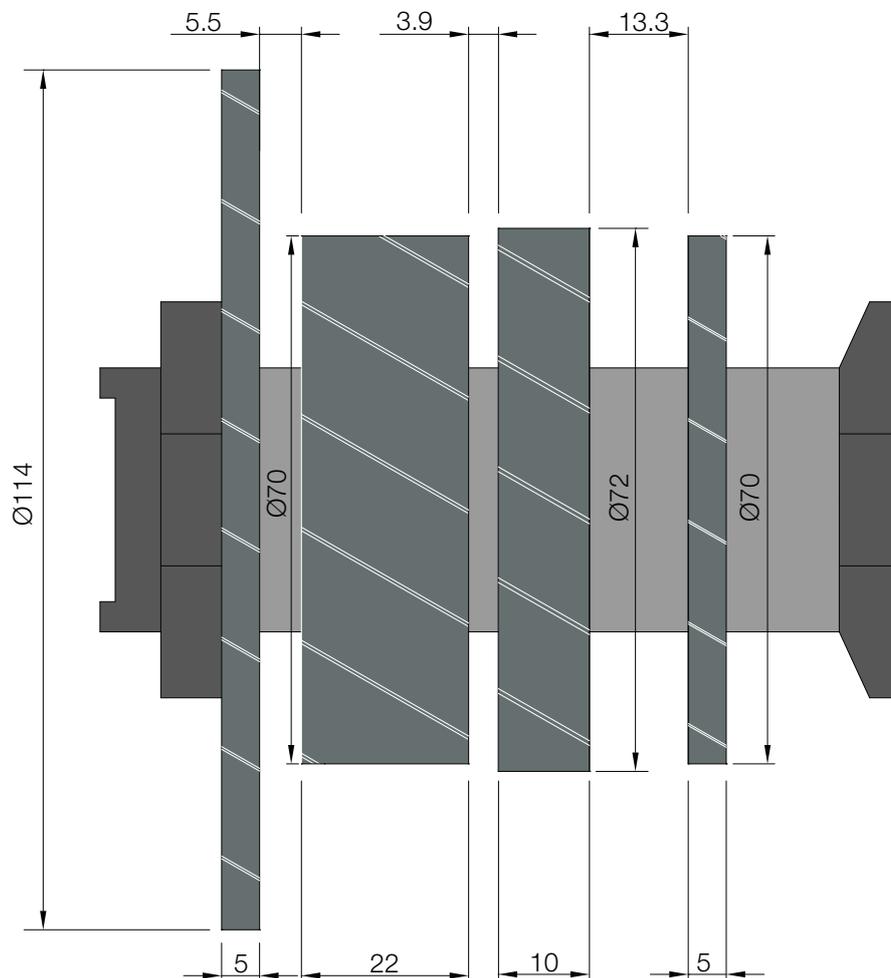
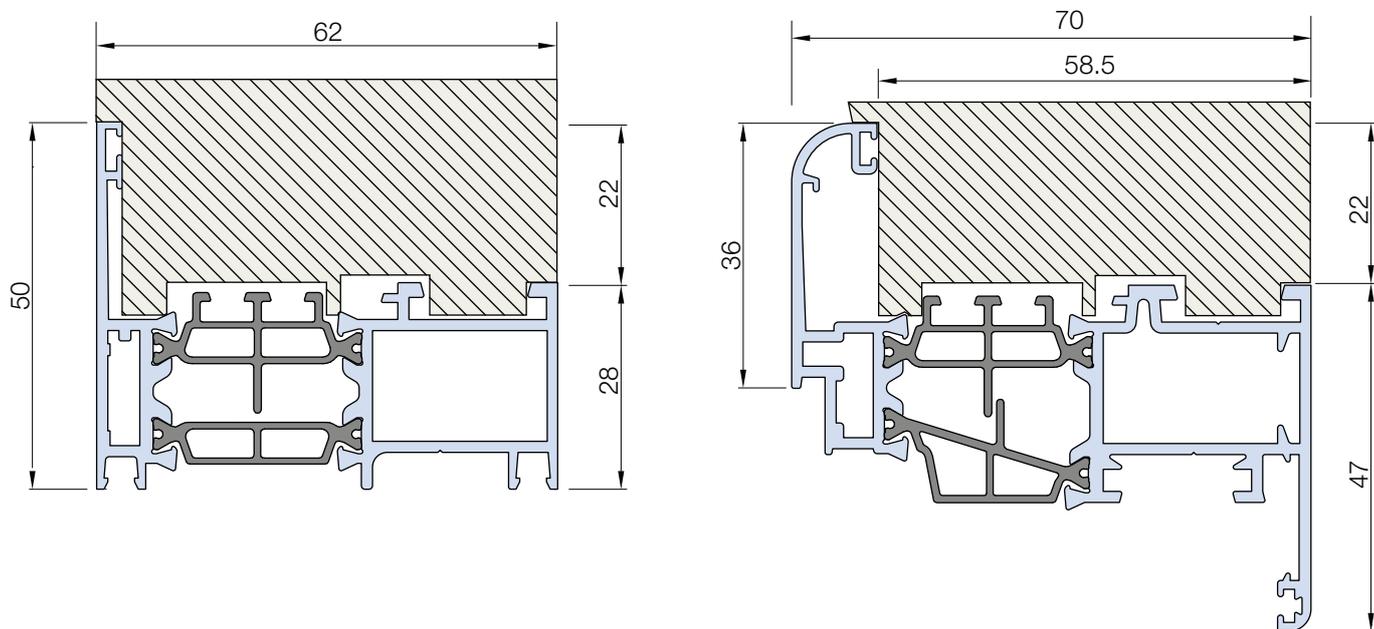
should be added - 5 mm spacer which is included in the kit



15 

Gruppo frese MCT PL 37 PT

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

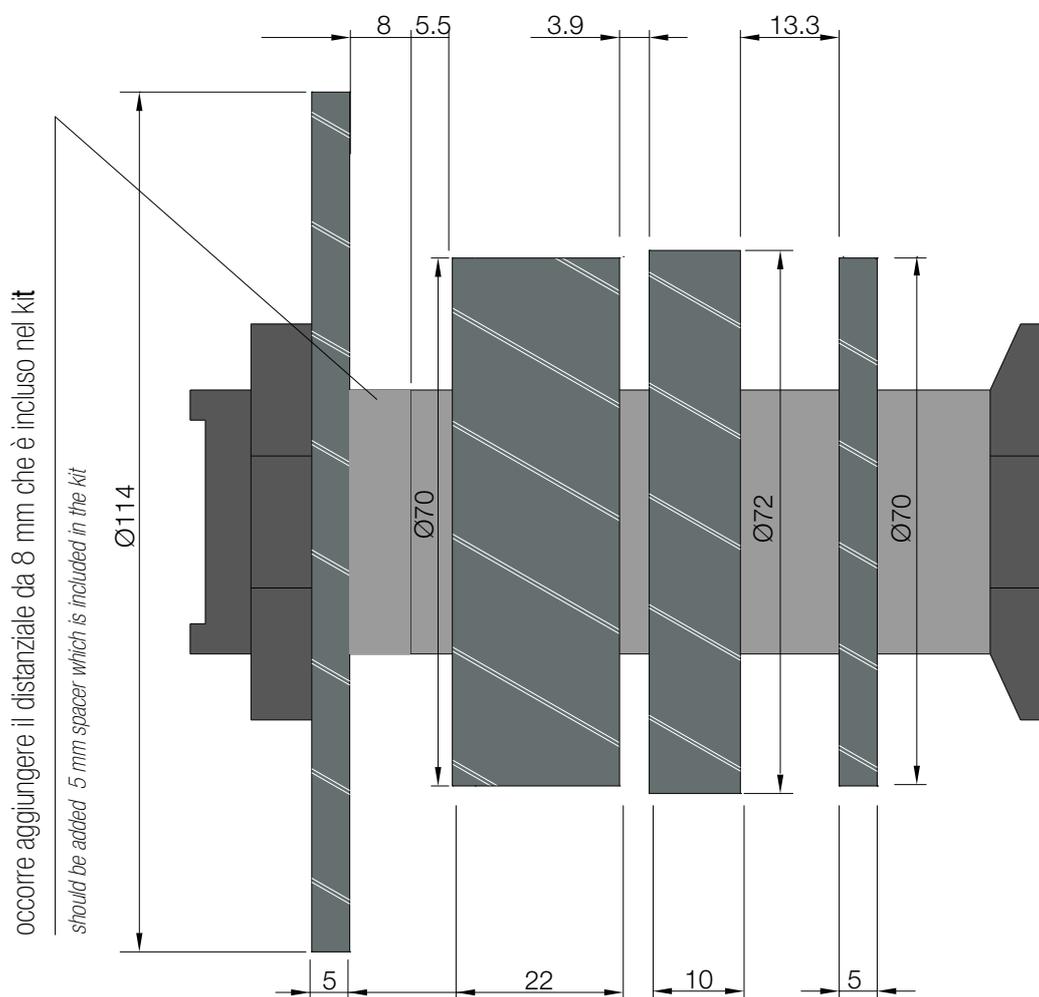
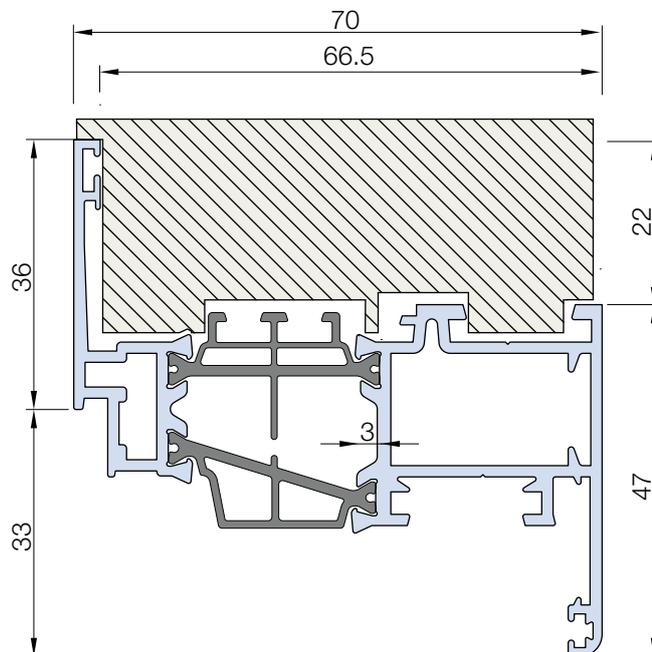
This cutter unit works profiles of the Planet 62 UP range, except glass insert

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 UP

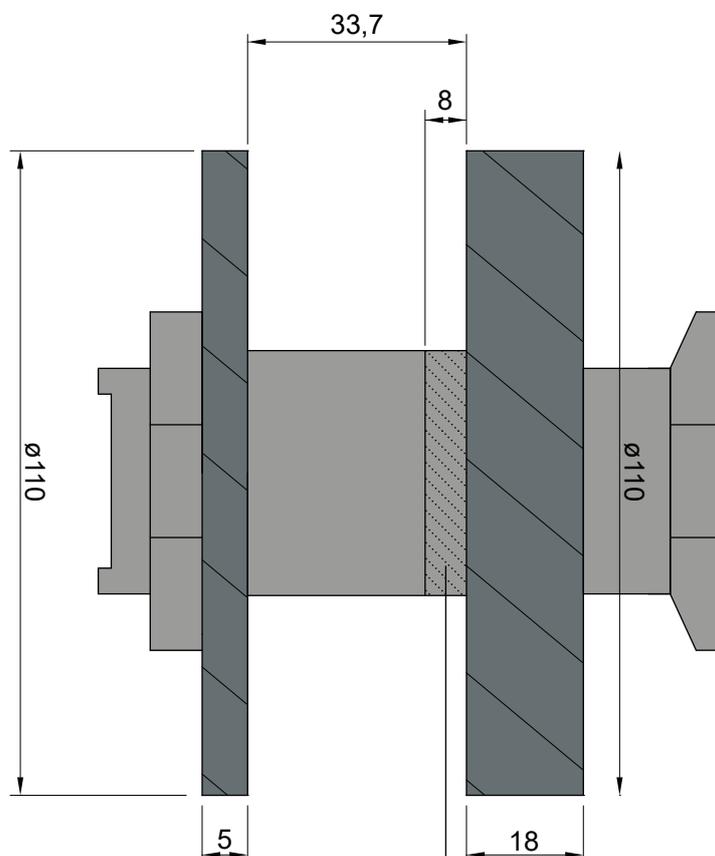
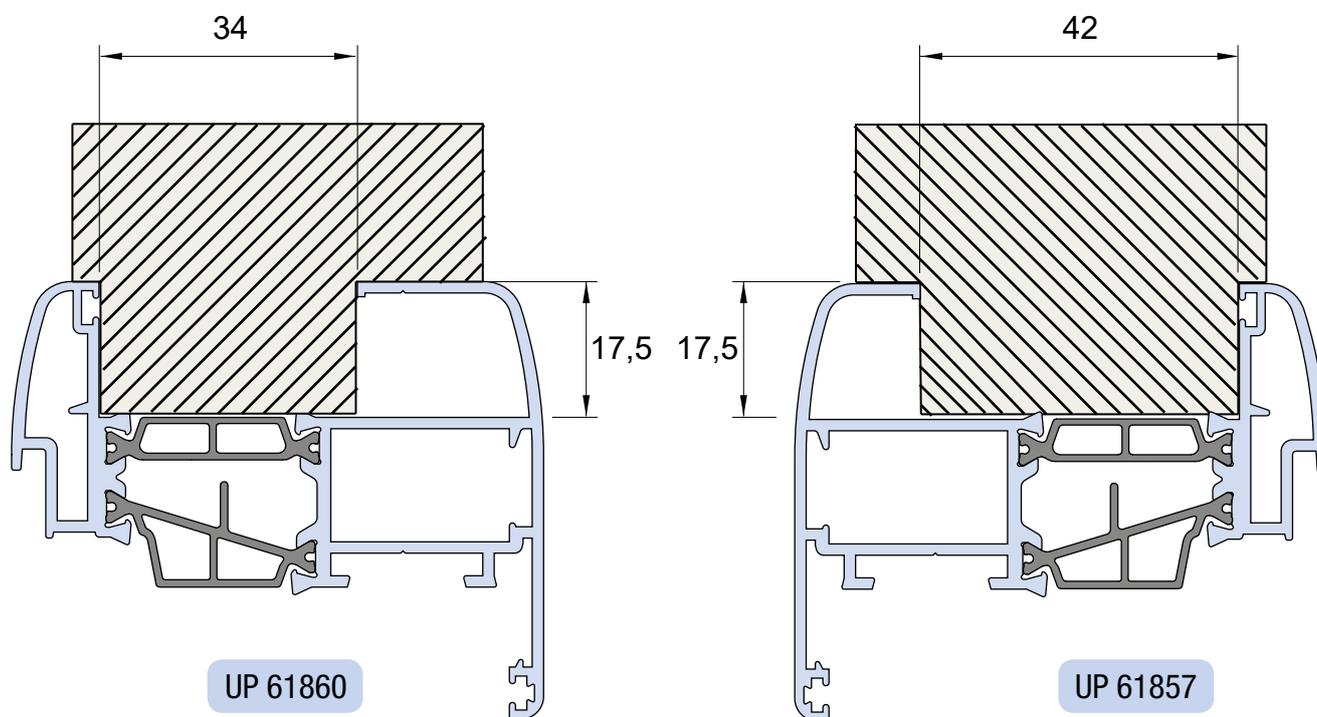
This cutter unit works flat leaf of Planet 62 UP range with the addition of 8 mm disc



17 

Gruppo frese MCT PL 46 PT

Questo gruppo fresa lavora profili della serie Planet 62 UP per facilitare l'intestatura dei traversi (ANTA YARD)

This cutter unit works profiles of the Planet 62 UP range, to facilitate the butting of the crosspieces (YARD LEAF)

Aggiungere spessore 8mm
per profilo spaziovetro 42mm

18

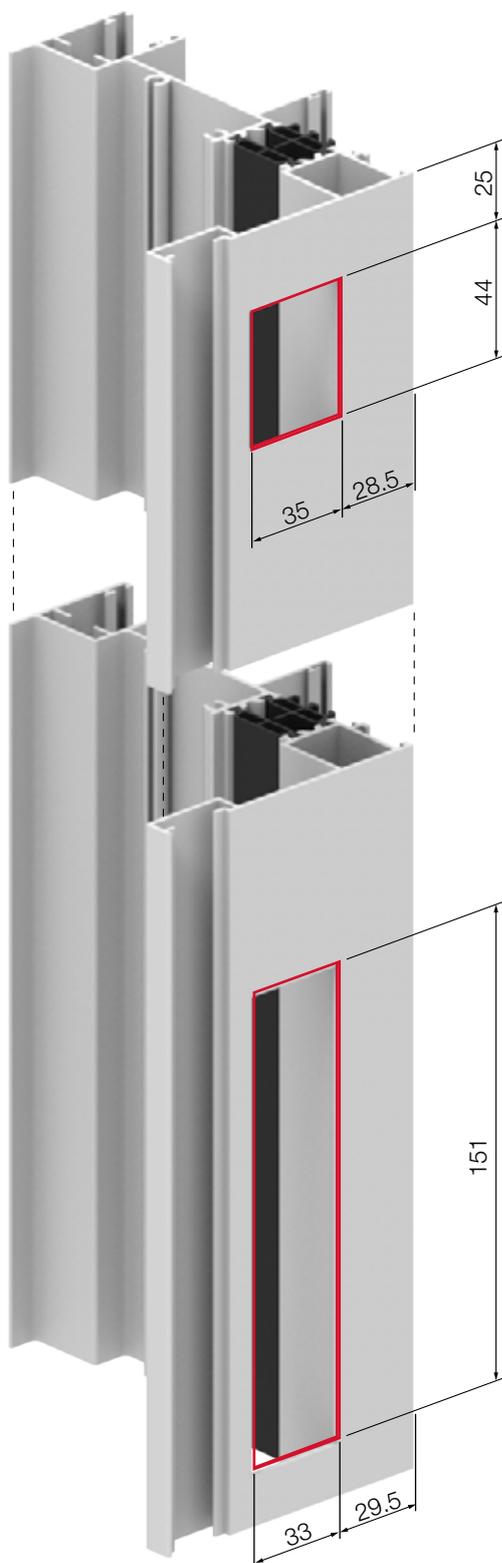
Lavorazione spalla monoblocco

Machining of single-unit shoulder

montaggio passacinghia ▶

Belt guide assembly

ACP 51001

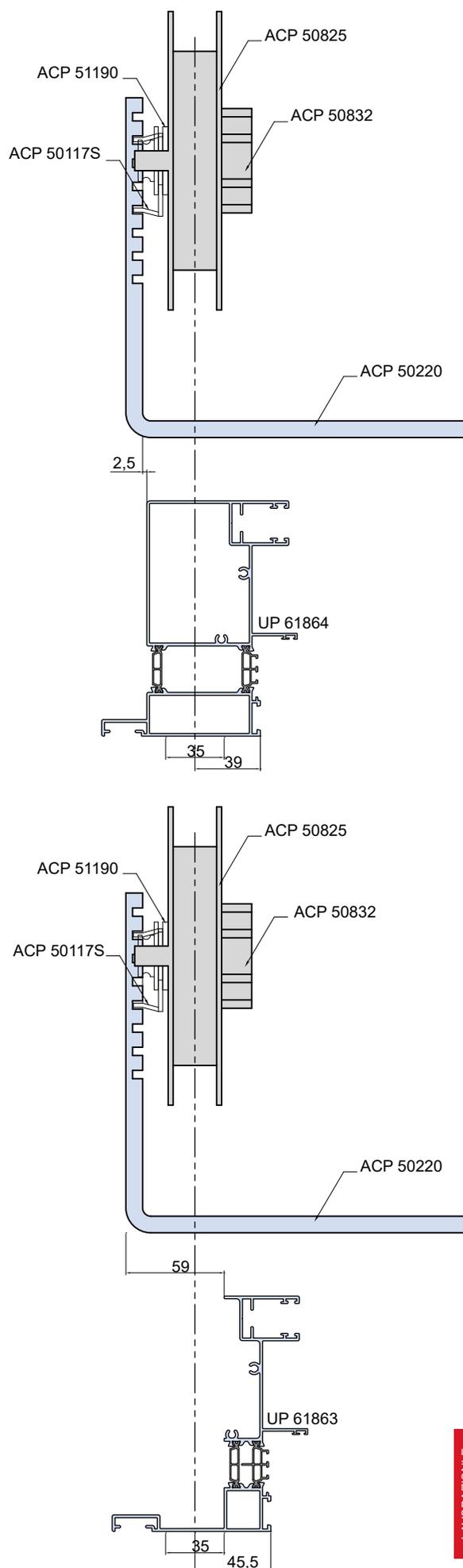


montaggio avvolgitore ▶

Winder assembly

ACP 50010

ACP 50705

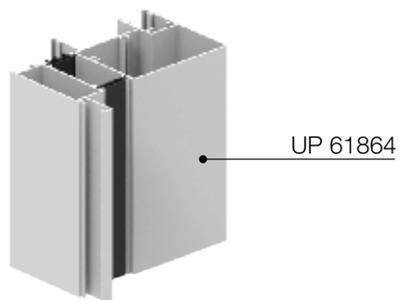


19

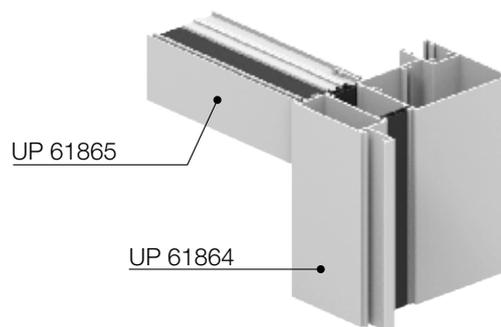
Istruzioni per taglio profili e fasi di assemblaggio cassonetto

Cutting profiles and box assembly steps

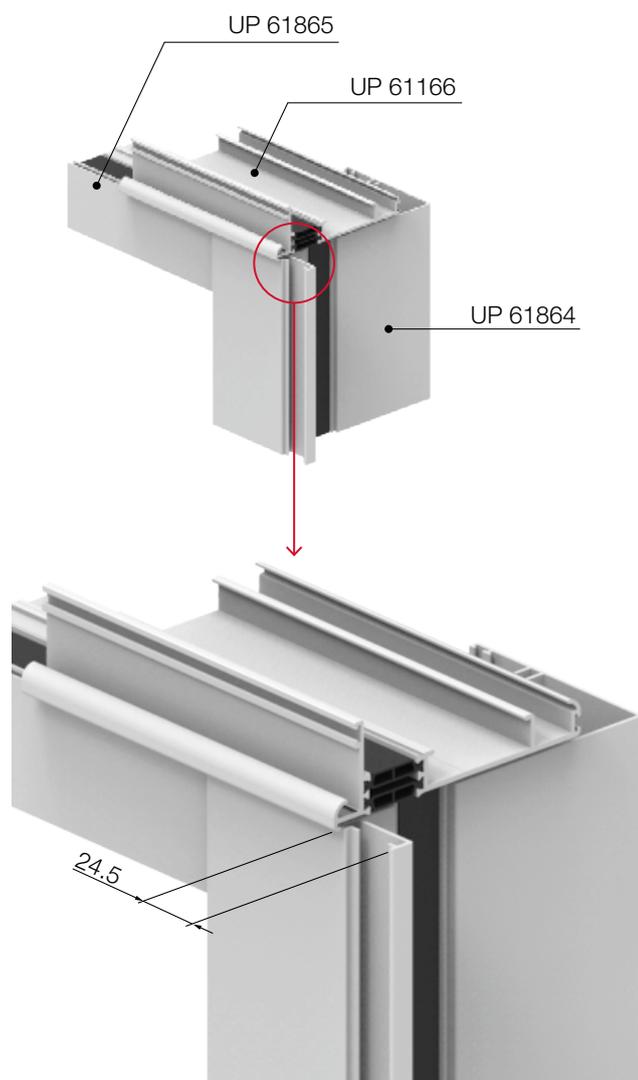
FASE 1:



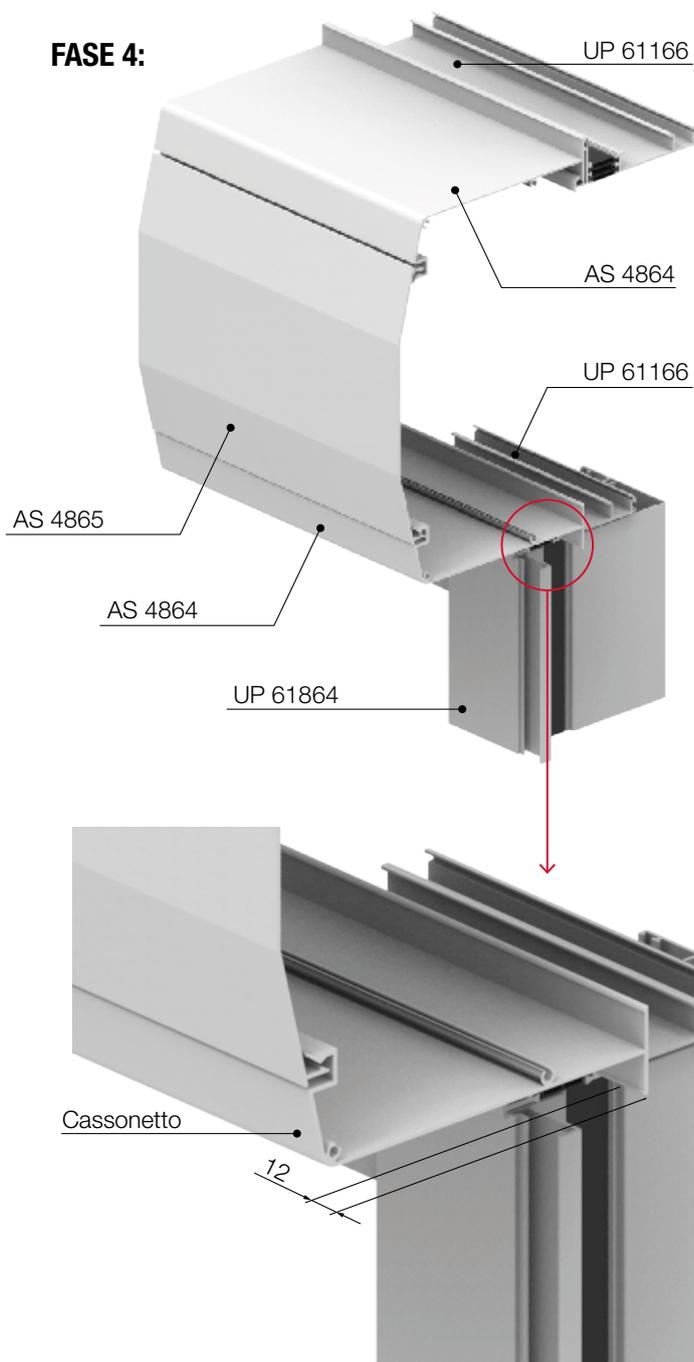
FASE 2:



FASE 3:



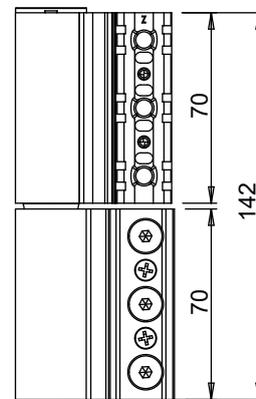
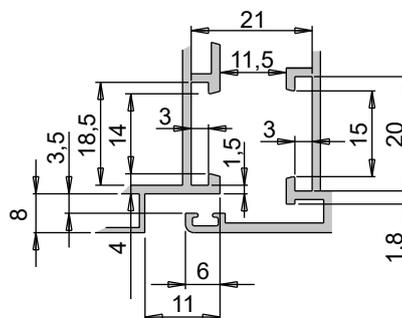
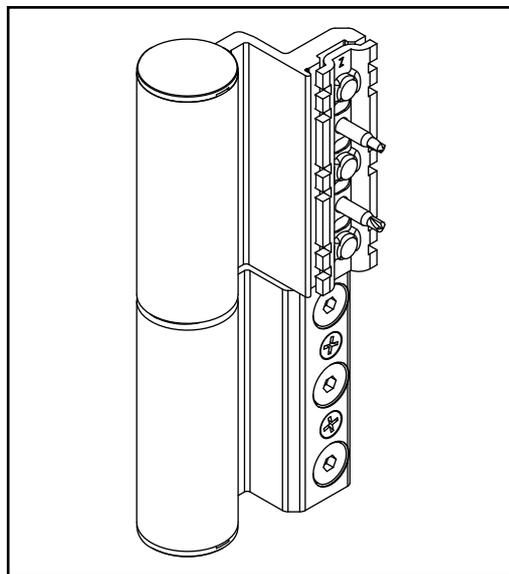
FASE 4:



20

Applicazione cerniere Strong ACP 9938N per telai complanari interni

ACP 9938 Strong hinge assembly for internal coplanar frames



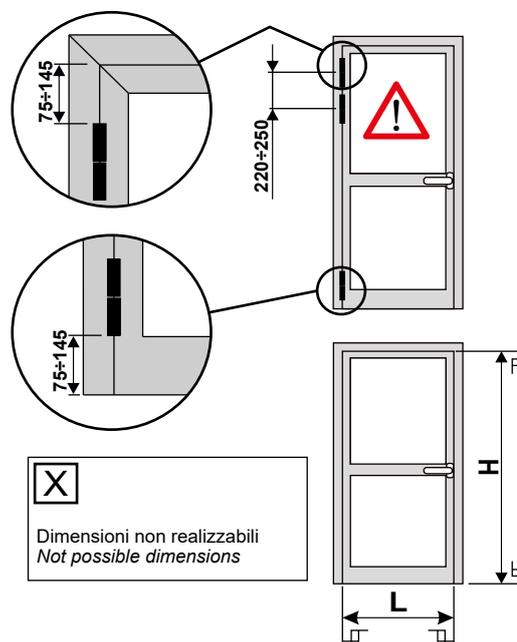
CE	Alsistem s.c.r.l. Via Monte Rosa (angolo via Clerici) 21040 - Gerenzano (VA) Italy	20
	1309 CPR-0437 EN1935:2002	

PORTATE MASSIME - MAXIMUM LOADS	
100 kg	120 kg
100 kg	* 70 kg

* CON FRENO IN APERTURA - WITH BACK-CHECK FACILITY

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

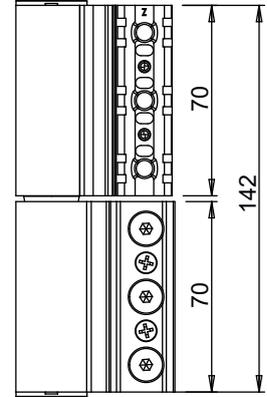
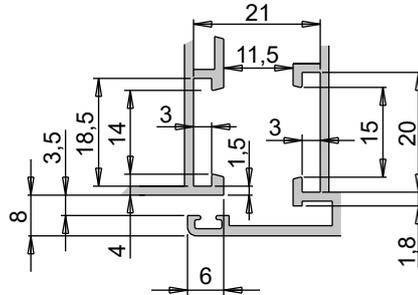
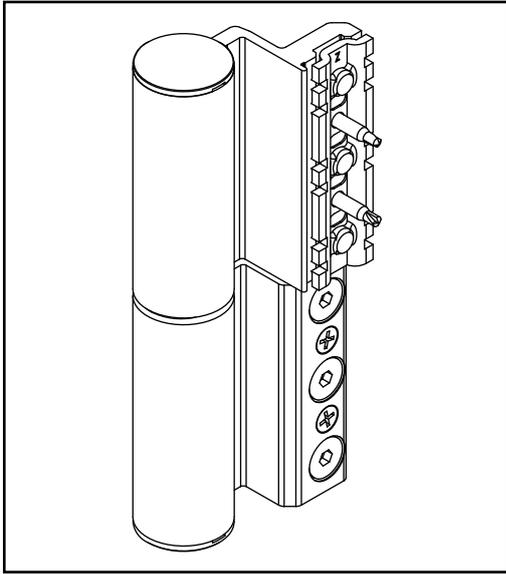
3000	1	1	1	1	1	1	1	1	1	0,93	0,84	0,76
2900	1	1	1	1	1	1	1	1	1	0,88	0,80	0,74
2800	1	1	1	1	1	1	1	1	0,93	0,83	0,76	0,71
2700	1	1	1	1	1	1	1	1	0,88	0,79	0,72	0,68
2600	1	1	1	1	1	1	1	0,93	0,83	0,75	0,69	0,65
2500	1	1	1	1	1	1	1	0,87	0,78	0,71	0,67	0,63
2400	1	1	1	1	1	1	0,93	0,81	0,74	0,68	0,64	0,61
2300	1	1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



21

Applicazione cerniere Strong ACP 9918N per telai piani

ACP 9918 Strong hinge assembly for flat frames



CE		Alsistem s.c.r.l. Via Monte Rosa (angolo via Clerici) 21040 - Gerenzano (VA) Italy	20
1309	CPR-0438		
EN1935:2002		4 7 6 0 1 4 1 13	

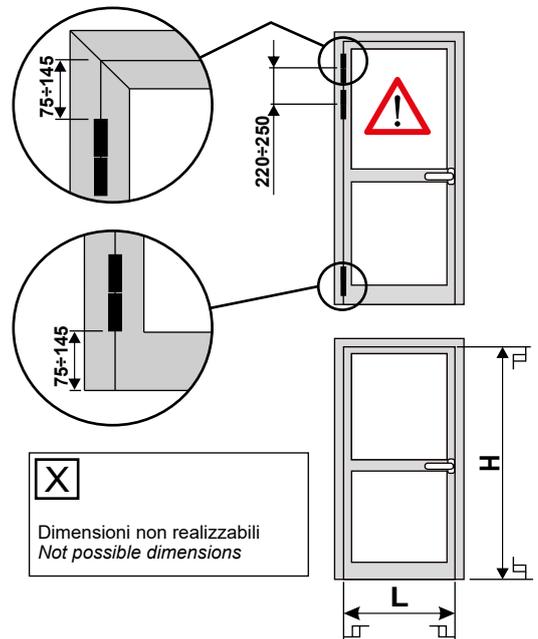
PORTATE MASSIME - MAXIMUM LOADS

120 kg	150 kg
120 kg	* 80 kg

* CON FRENO IN APERTURA - WITH BACK-CHECK FACILITY

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

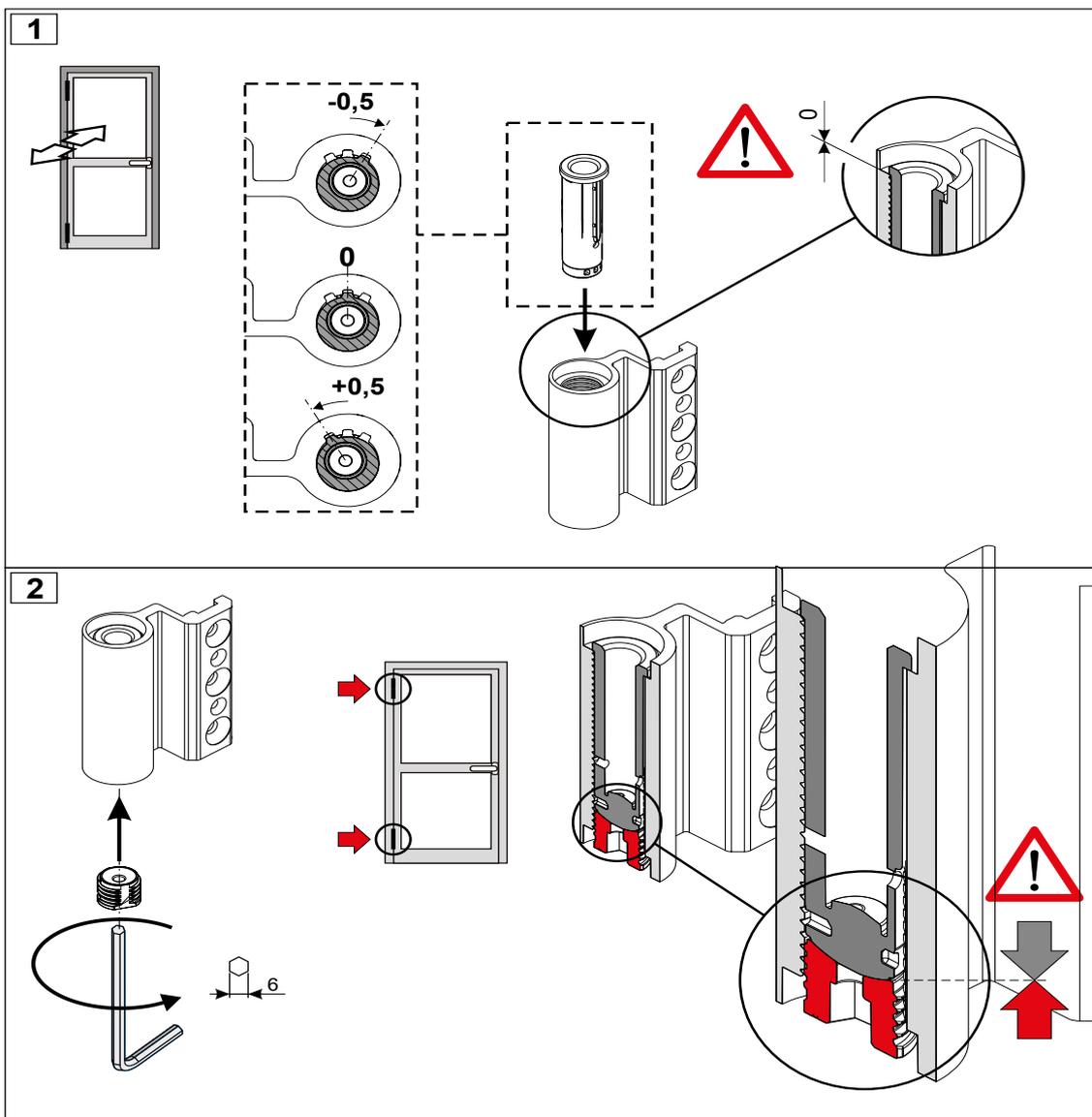
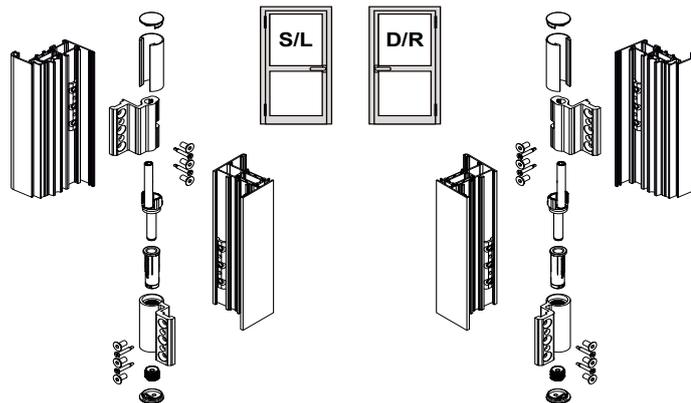
H Altezza anta (mm) - Wing height (mm)	3000	1	1	1	1	1	1	1	1	1	0,93	0,84	0,76		
	2900	1	1	1	1	1	1	1	1	1	0,88	0,80	0,74		
	2800	1	1	1	1	1	1	1	1	1	0,93	0,83	0,76	0,71	
	2700	1	1	1	1	1	1	1	1	1	0,88	0,79	0,72	0,68	
	2600	1	1	1	1	1	1	1	1	0,93	0,83	0,75	0,69	0,65	
	2500	1	1	1	1	1	1	1	1	0,87	0,78	0,71	0,67	0,63	
	2400	1	1	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	1	1	0,85	0,76	0,70	0,65	0,61	0,59
	2200	1	1	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	1	0,85	0,75	0,68	0,64	0,60	0,57	0,55	
	2000	1	1	1	1	0,91	0,79	0,71	0,65	0,61	0,58	0,55	0,53		
	1900	1	1	1	1	0,83	0,73	0,67	0,62	0,58	0,56	0,53	0,52		
	1800	1	1	1	0,90	0,77	0,69	0,63	0,59	0,56	0,54	0,52	X		
	1700	1	1	1	0,82	0,71	0,65	0,60	0,57	0,54	0,52	X	X		
	1600	1	1	0,89	0,75	0,67	0,61	0,57	0,54	0,52	X	X	X		
	1500	1	1	0,80	0,69	0,63	0,58	0,55	0,52	X	X	X	X		
	1400	1	0,88	0,73	0,64	0,59	0,55	0,52	X	X	X	X	X		
1300	1	0,78	0,67	0,60	0,56	0,52	X	X	X	X	X	X			
1200	1	0,78	0,67	0,60	0,56	0,52	X	X	X	X	X	X			
	L Larghezza anta (mm) - Wing width (mm)	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	



22

Montaggio cerniere Strong ACP 9918N, ACP 9938N

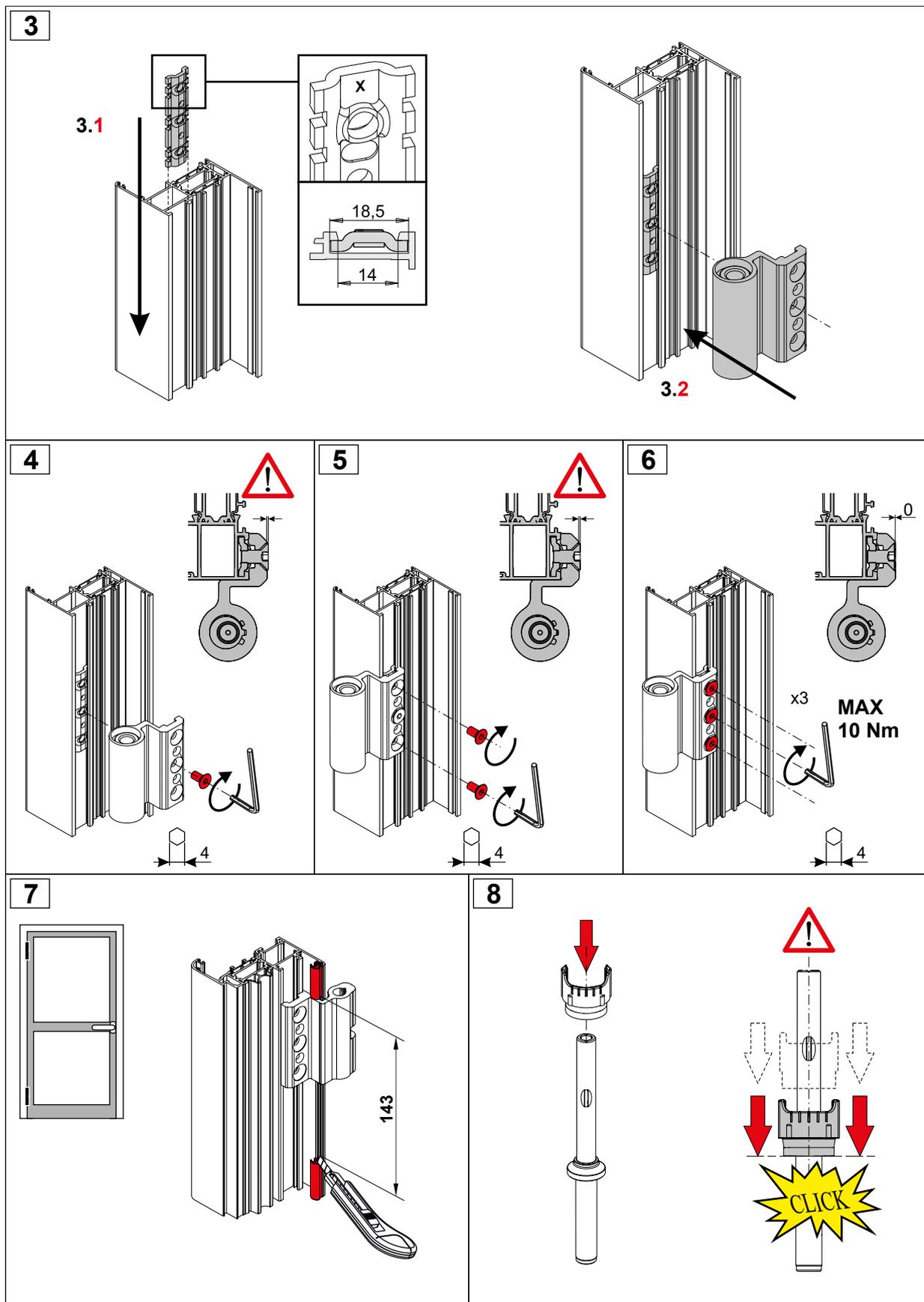
Strong hinges assembly ACP 9918N, ACP 9938N



23

Montaggio cerniere Strong ACP 9918N, ACP 9938N

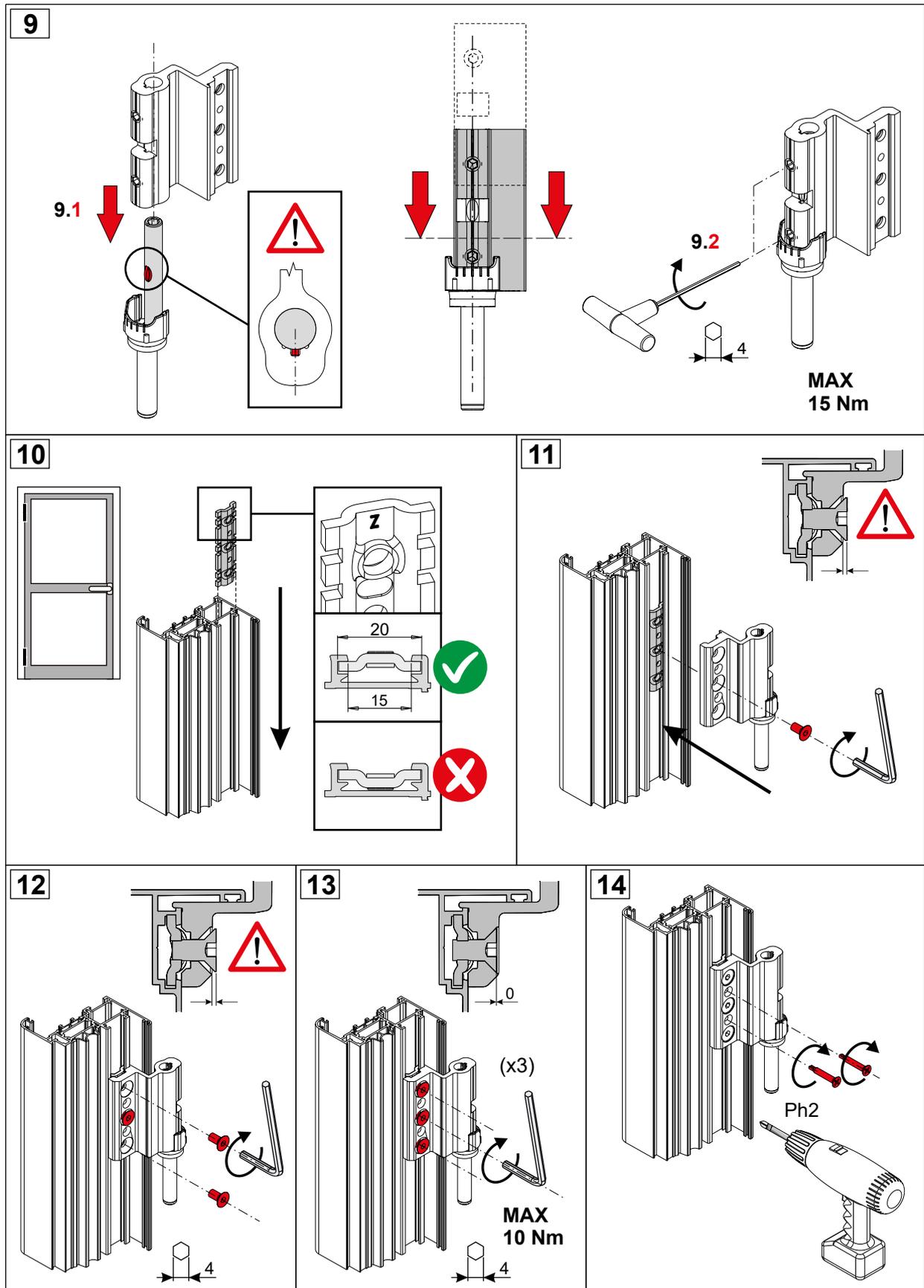
Strong hinges assembly ACP 9918N, ACP 9938N



24

Montaggio cerniere Strong ACP 9918N, ACP 9938N

Strong hinges assembly ACP 9918N, ACP 9938N



25

Montaggio cerniere Strong ACP 9918N, ACP 9938N

Strong hinges assembly ACP 9918N, ACP 9938N

15

16

17

± 2

-2 -1 0 +1 +2

+3
0

18

+3
0

0/+3

LAVORAZIONI E MONTAGGI Working and assembly

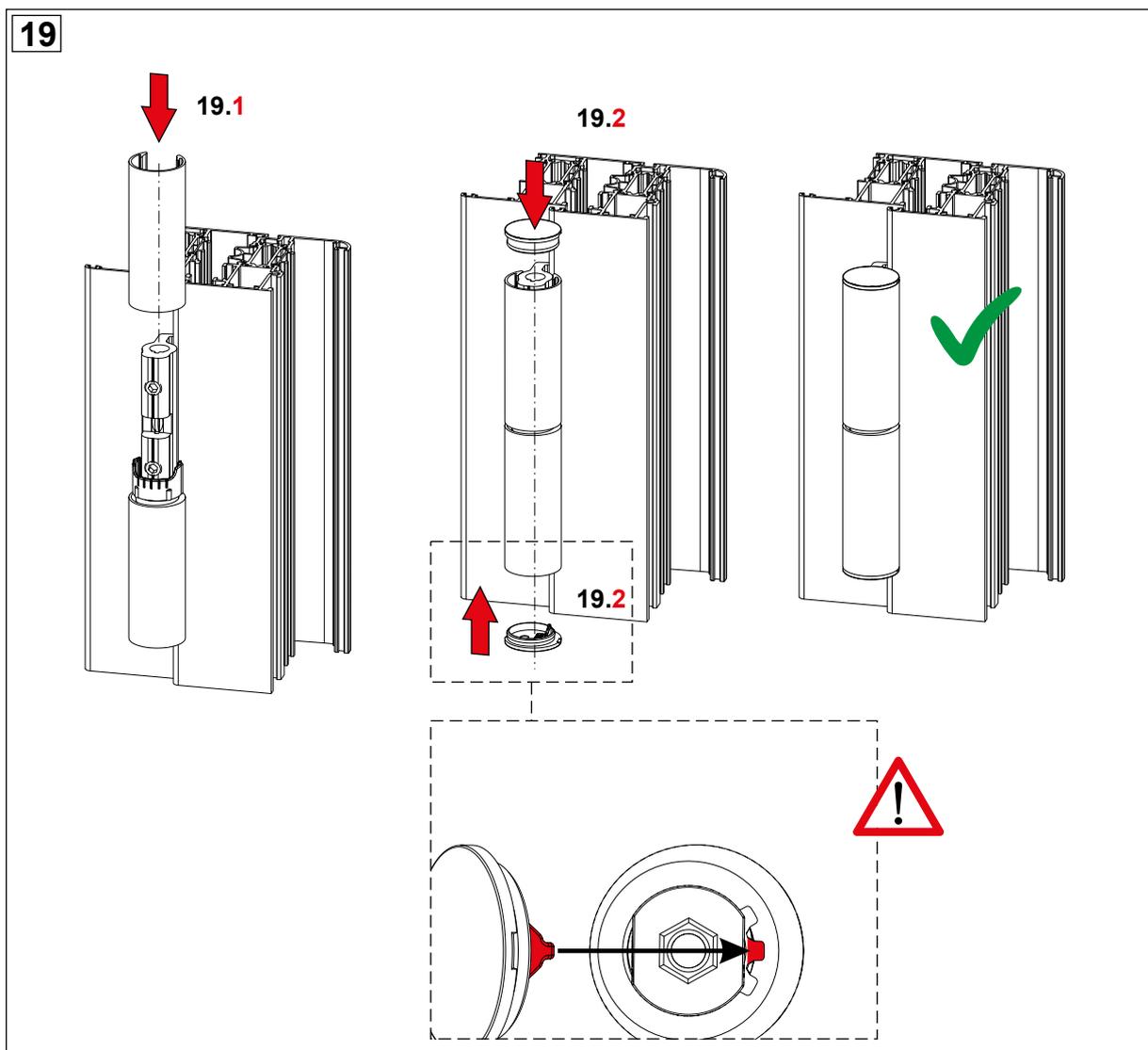
236 PLANET 62 UP v1.1 Sistema per serramenti a battente a taglio termico

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

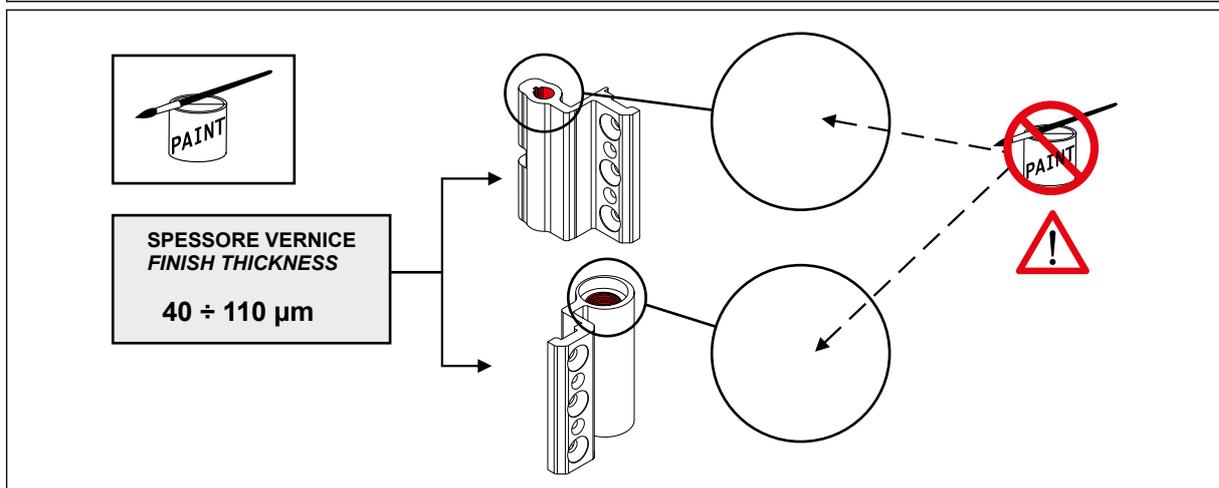
26

Montaggio cerniere Strong ACP 9918N, ACP 9938N

Strong hinges assembly ACP 9918N, ACP 9938N



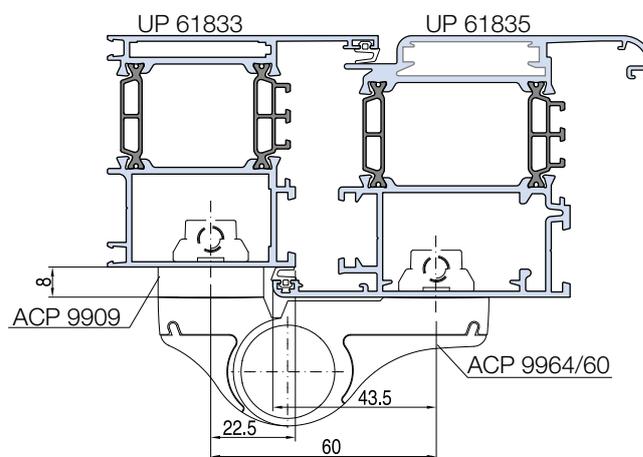
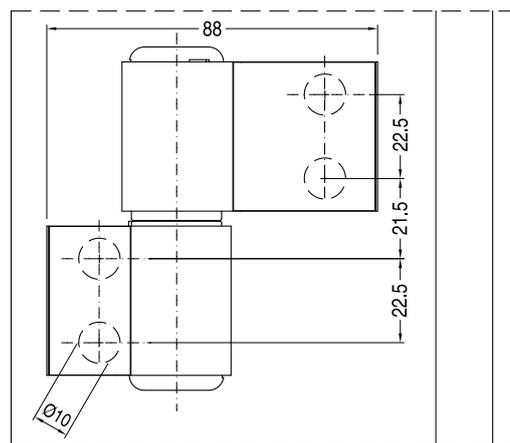
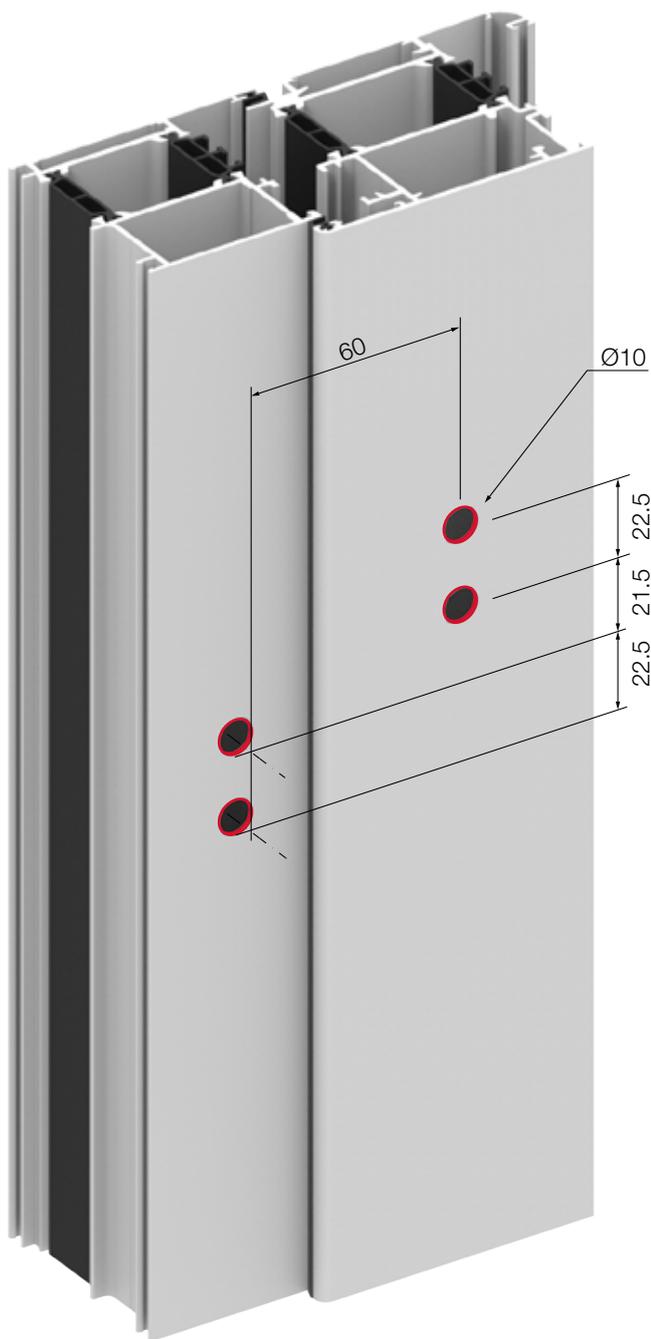
VERSIONE GREZZO - RAW VERSION



27

Applicazione cerniere frontali ACP 9964/60 interasse 60mm

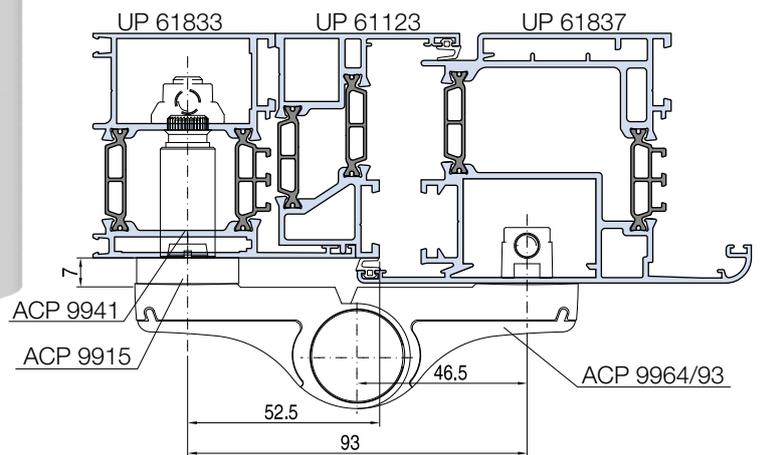
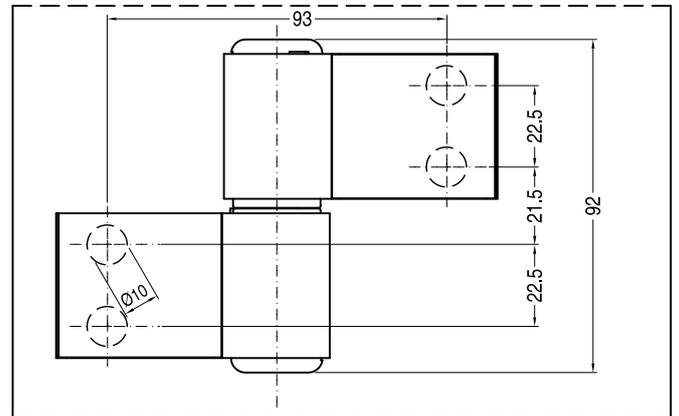
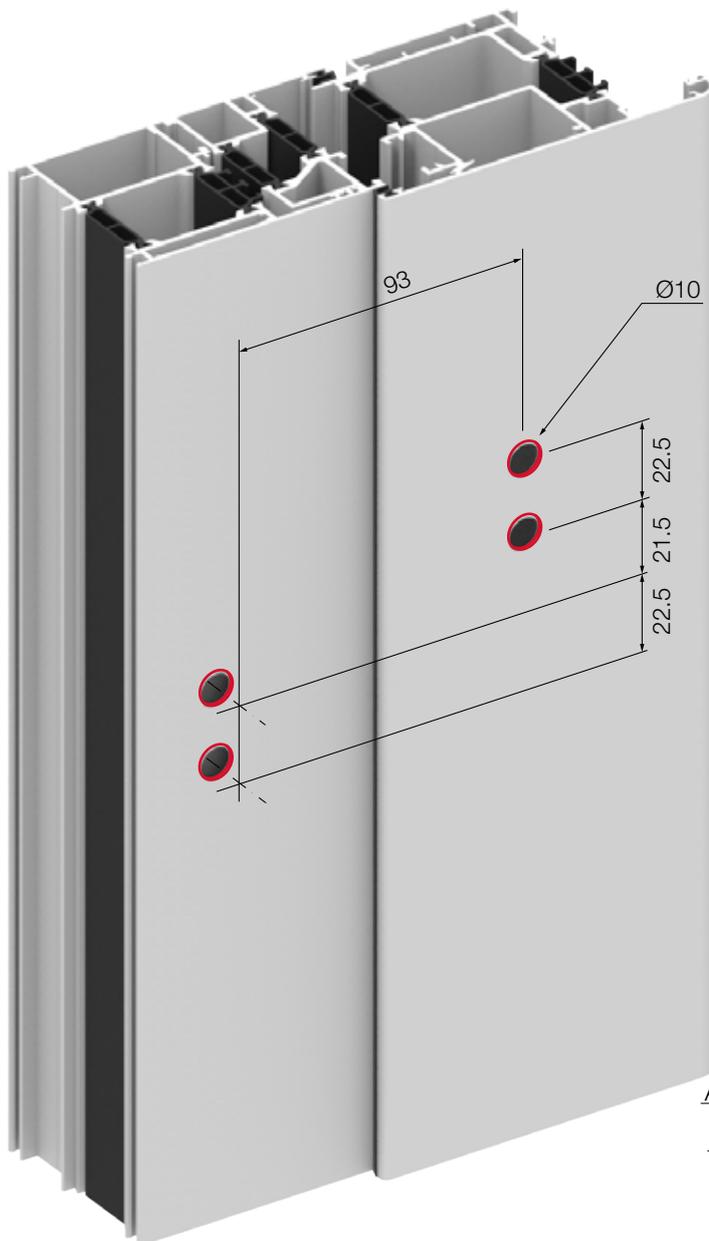
ACP 9964/60 front hinges assembly, hole centredistance 60mm



28

Applicazione cerniere frontali ACP 9964/93 interasse 93mm

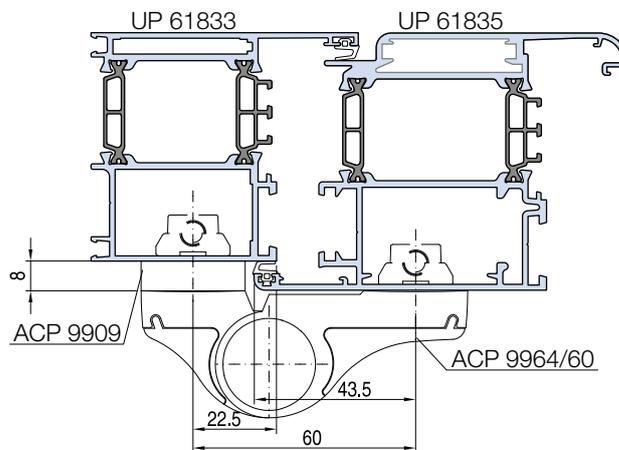
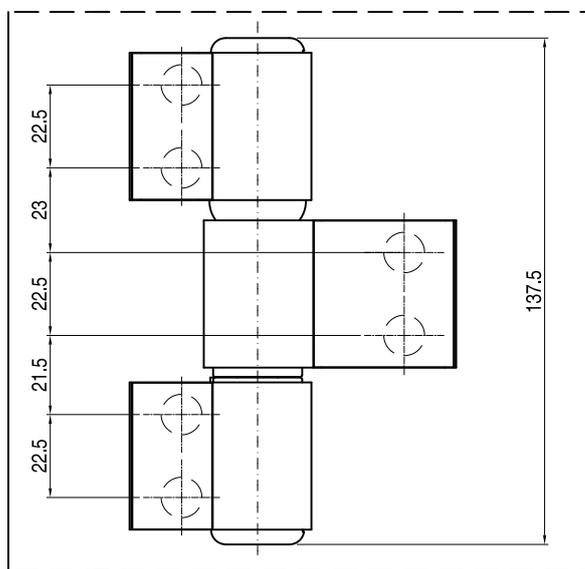
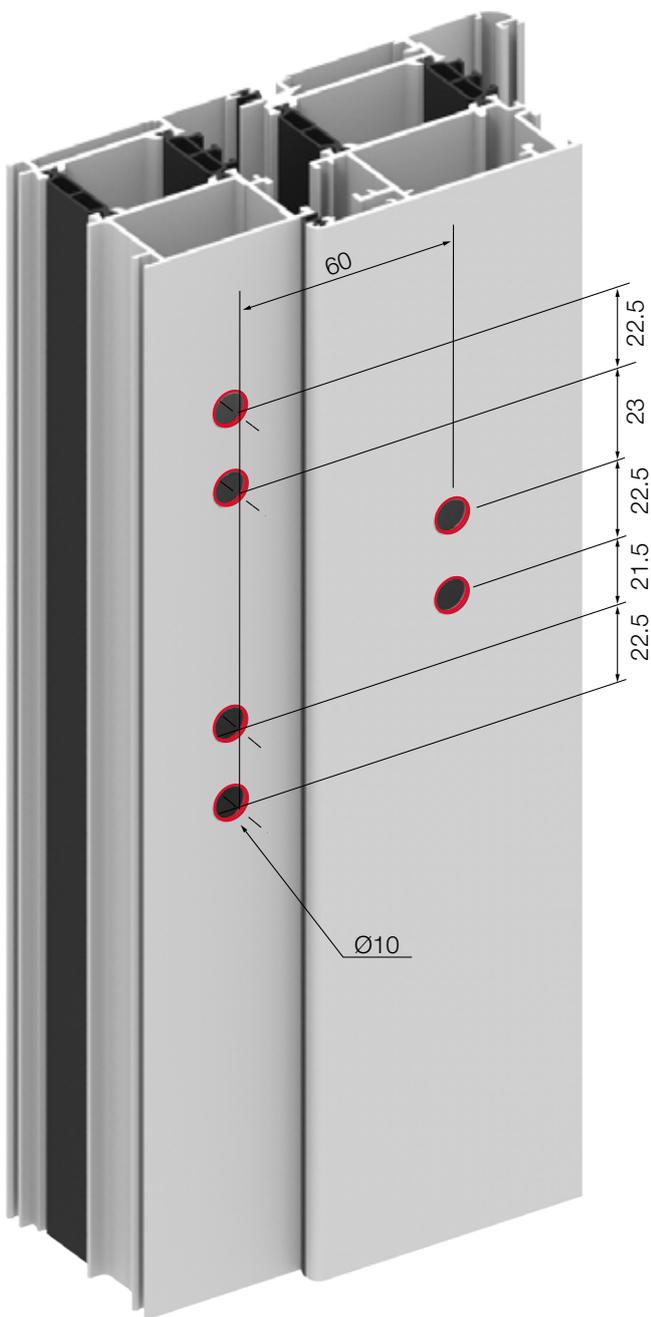
ACP 9964/60 front hinges assembly, hole centre distance 93mm



29

Applicazione cerniere frontali ACP 9963/60 interasse 60mm

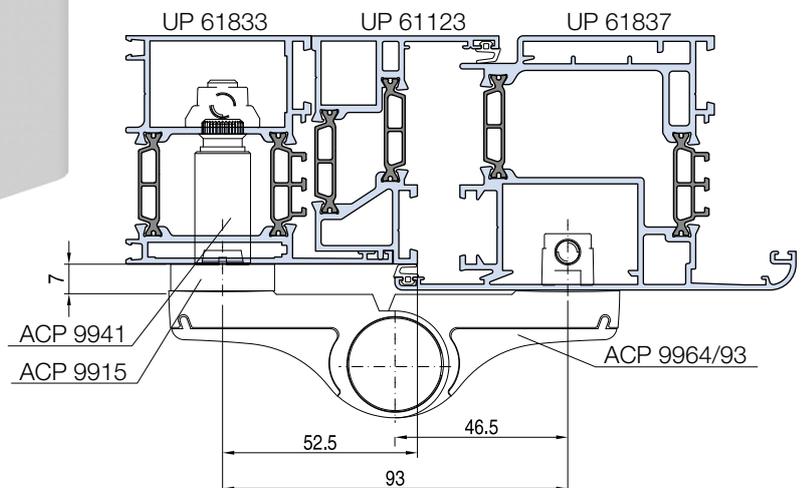
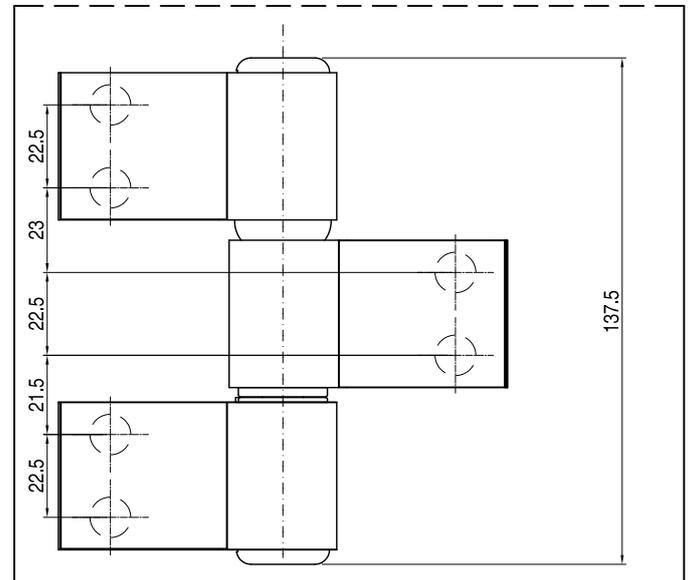
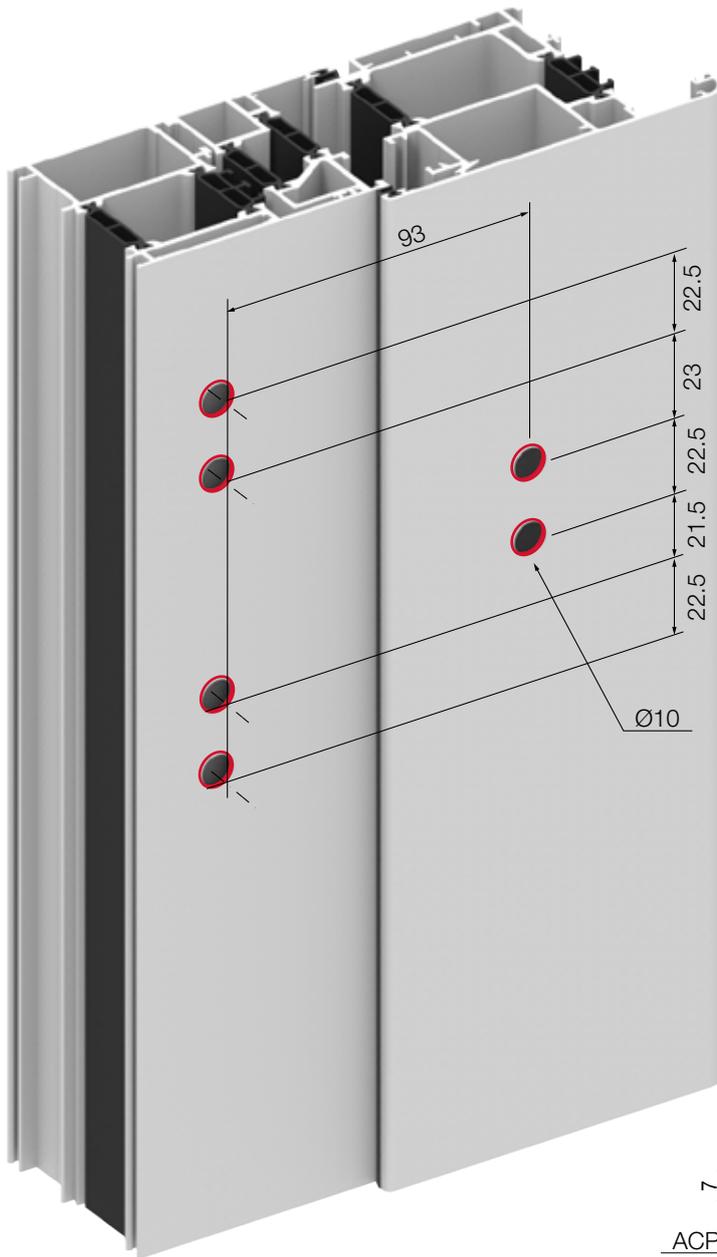
ACP 9963/60 front hinges assembly, hole centre distance 60mm



30

Applicazione cerniere frontale ACP 9963/93 interasse 93mm

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



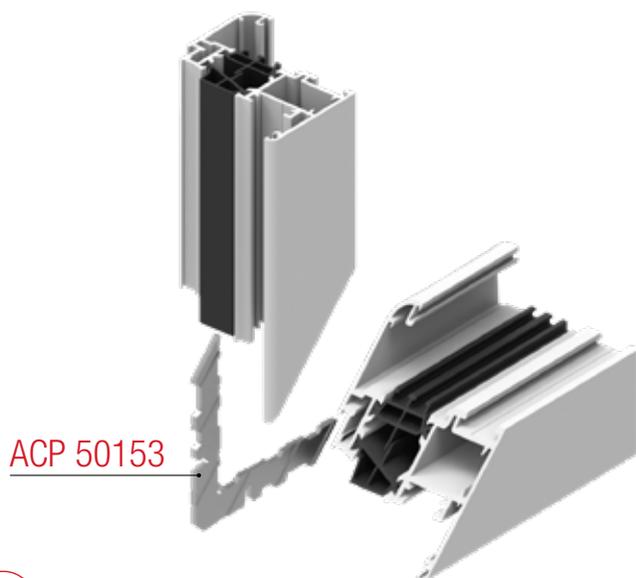
31

Applicazione squadrette ACP 50153 - ACP 50154

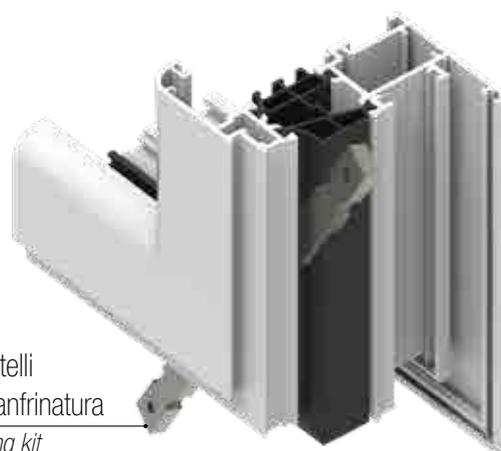
ACP 50153 - ACP 50154 assembly

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:

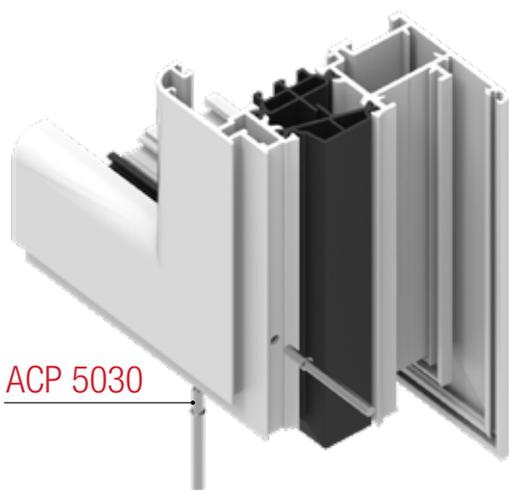


ACP 50153



Kit coltelli
per cianfrinatura
Crimping kit

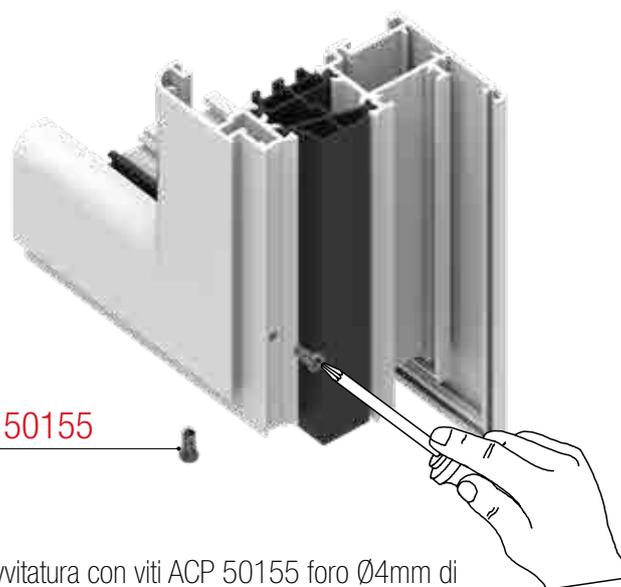
- ① Cianfrinare tramite l'apposito kit
Crimping using the appropriate kit



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)

32

Applicazione ACP 5801M - ACP 5802 - ACP 7001

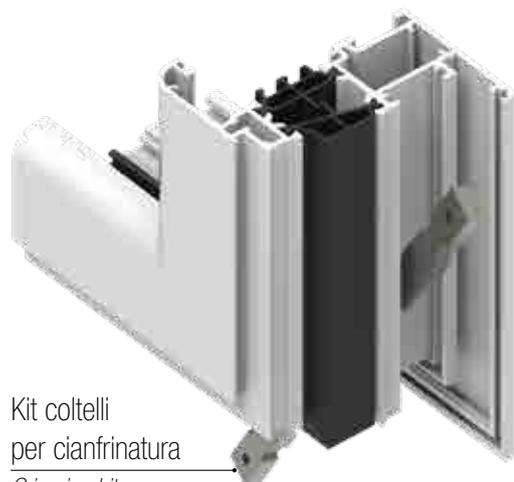
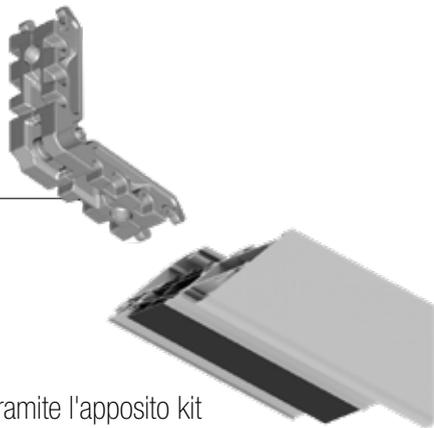
ACP 5801M - ACP 5802 - ACP 7001 assembly

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

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

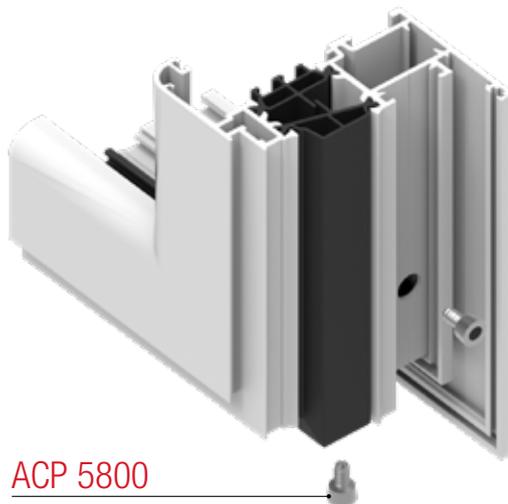


ACP 5801M



Kit coltelli
per cianfrinatura
Crimping kit

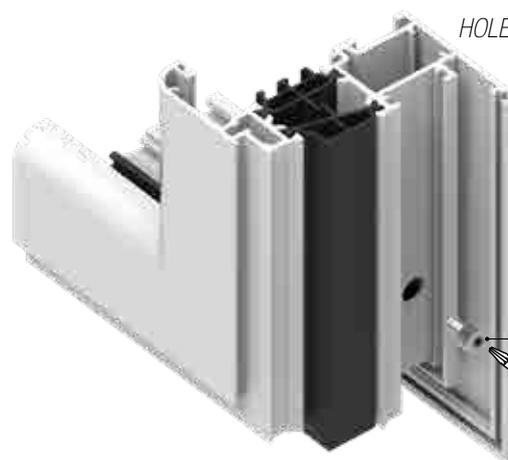
- 1 Cianfrinare tramite l'apposito kit
Crimping using the appropriate kit



ACP 5800

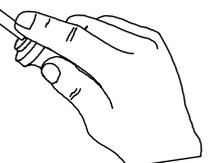
- 2 Spinatura tramite ACP 5800,
foro Ø8mm di punzonatrice
*Broaching using pin ACP 5800,
Ø8mm hole by punching-machine*

INTERASSE FORO: 46mm
HOLE CENTRE DISTANCE: 46mm



ACP 5001

- 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*



33

Assemblaggio telaio e ante tramite le apposite squadrette di sistema

Assembly of frame and leaf using the special system brackets

- 1 Inserire le squadrette
Insert the brackets

Iniettare colla solo nella tubolarità esterna prima di inserire la squadretta

Inject glue only in the external tubularity before inserting the bracket

ACP 5008

ACP 5801M

ACP 50153

- 2 Chiudere l'angolo utilizzando gli strumenti in base alla tipologia di squadretta scelta
Close the corner using the tools according to the type of bracket chosen

Spina ACP 5030 oppure vite ACP 50155 oppure cianfrinare

ACP 5030 plug or ACP 50155 screw or crimp

Spina ACP 5800 oppure vite ACP 5001 oppure cianfrinare

ACP 5800 plug or ACP 5001 screw or crimp

- 3 Inserire squadretta di allineamento esterna
Insert external alignment bracket

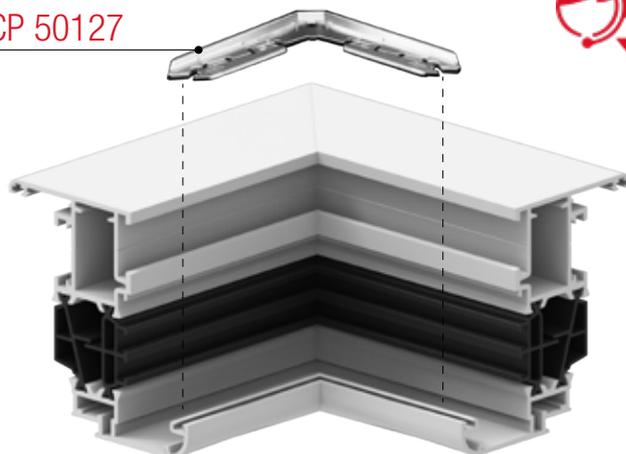
ACP 50127



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.

to use the multifunction bracket in the internal tubularity to have a better quality of the finished product and the ACP 5030 plugs with disposable handle, in the external tubularity.



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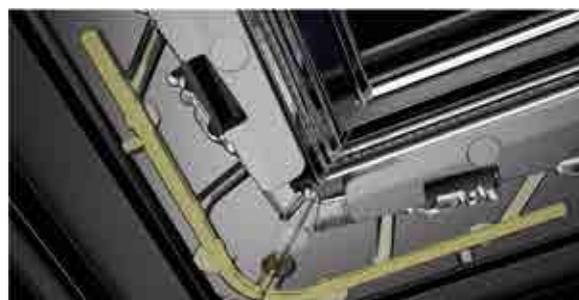
Serraggio ed incollaggio squadrette ACP 50127

Clamping and gluing of ACP 50127 brackets

- 1 Pre caricare e chiudere le squadrette da entrambi i lati tramite un cacciavite a taglio ruotando secondo il verso indicato sulla squadretta.
Preload and close the brackets on both sides using a slotted screwdriver, rotating according to the direction indicated on the bracket.



- 2 Incollare la squadretta iniettando la colla AGP 5058 fino al riempimento delle scanalature predisposte.
Glue the bracket by injecting the AGP 5058 glue until the prepared grooves are filled.



35

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.

Inject the AGP 5058 glue, also into the ACP 5801M internal bracket, through the hole provided, until all the cavities of the internal corner are filled.



ALSISTEM consiglia...

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

the use of two-component glue AGP 5058 to ensure greater sealing and speed up the solidification of the corner.



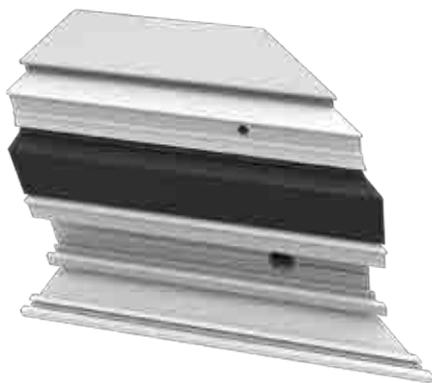
36

Sigillare i profili: prima di chiudere l'angolo, sigillare le superfici di contatto dei profili tagliati, utilizzando l'apposita sigillatrice MCT PL TKE259.

Sealing the profiles: before closing the corner, seal the contact surfaces of the cut profiles, using the appropriate sealer MCT PL TKE259.



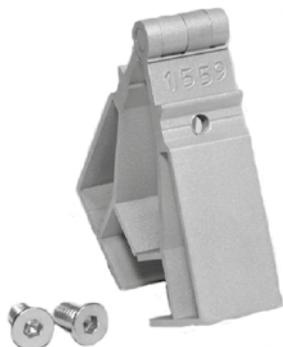
Sigillatrice d'angoli automatica



37

Lavorazioni fori per montaggio squadretta maggiorata ad angolo variabile ACP 5506

ACP 5506 oversize adjustable corner joint

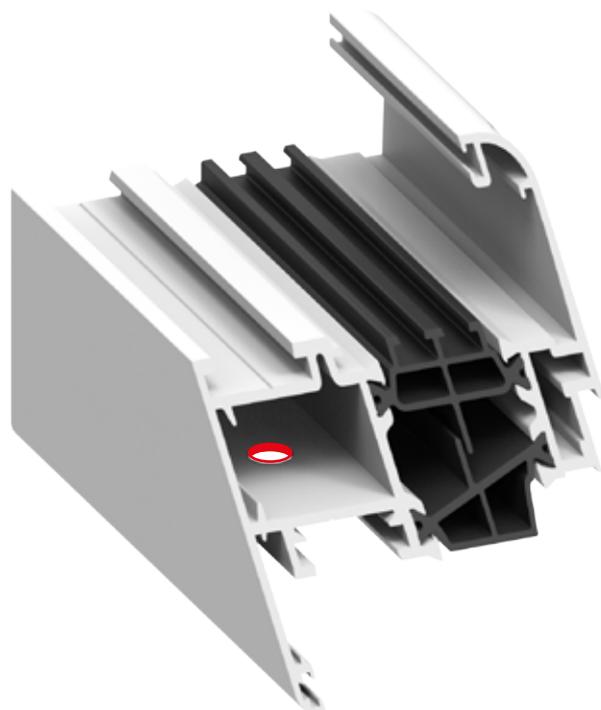
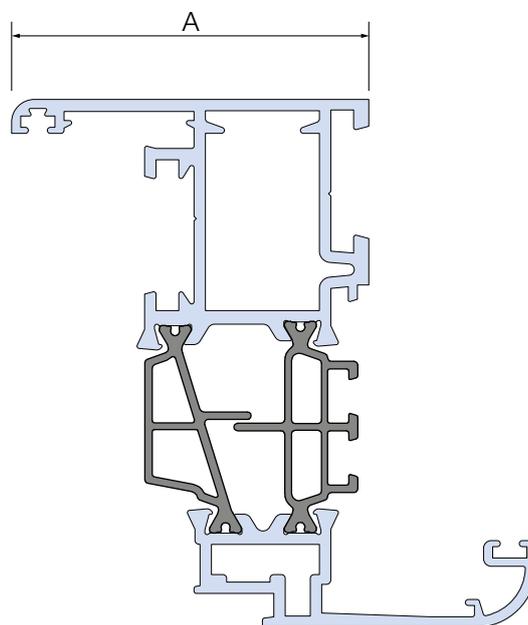
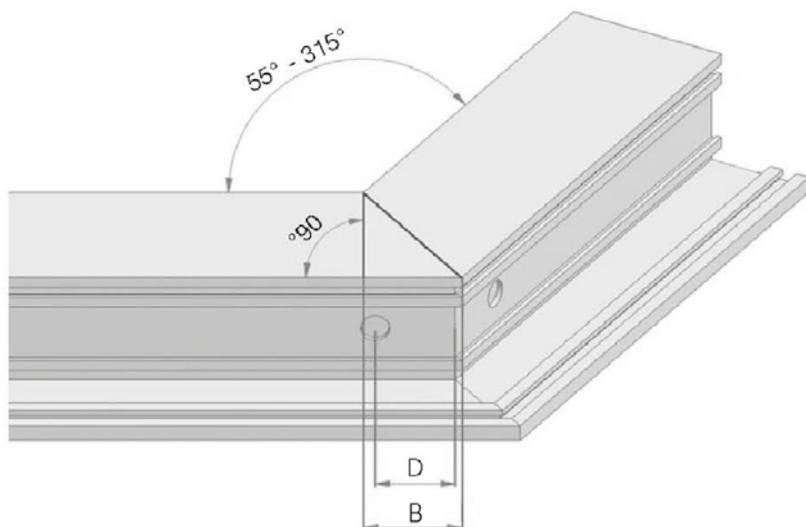


PROCEDURA PER ACP 5506

- 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

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

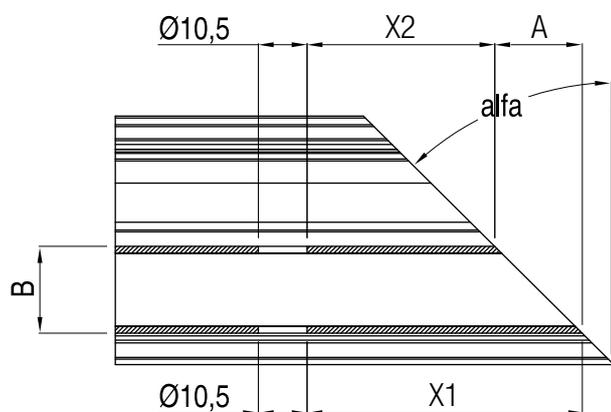
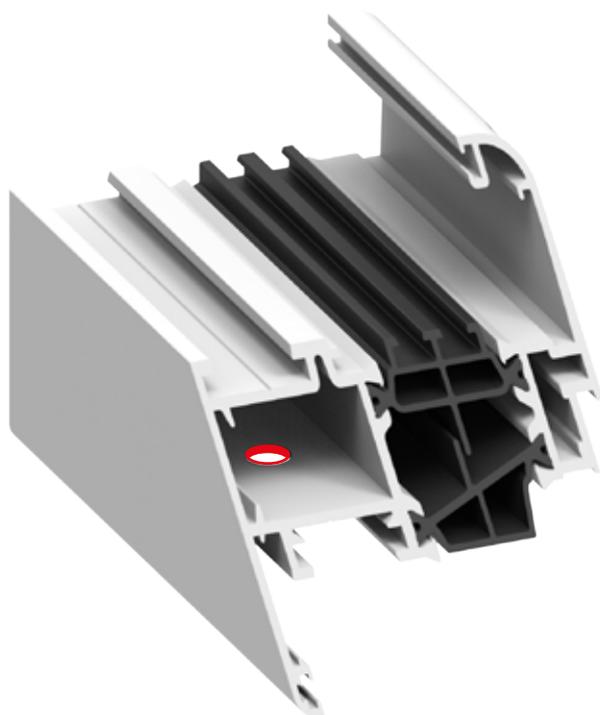
A= larghezza profilo

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

38

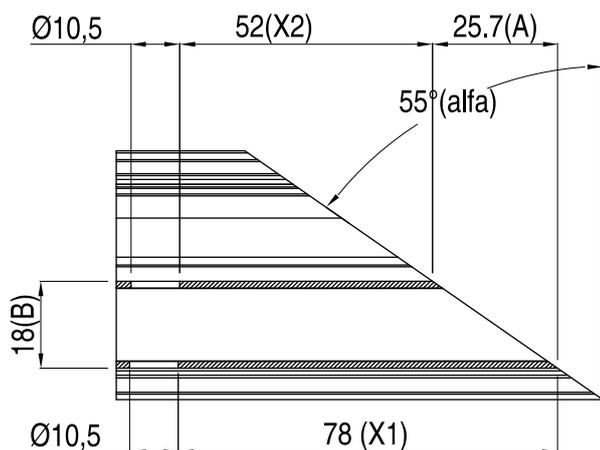
Lavorazione fori per montaggio squadrette angolo variabile ACP 5504 / ACP 5805

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



Esempio con angolo di taglio alfa= 55°

Example of alpha 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: $A = B \times \tan(\text{alfa})$;
- Sommare o detrarre il 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 + 0 - al mm.

PROCEDURE FOR ACP 5504

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

$$A = B \times \tan(\text{alfa})$$

$$C = 65$$

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

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

Angle= alfa

$$A = B \times \tan(\text{alfa})$$

$$C = 65$$

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

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

Angolo= 55°

$$A = 18 \times (\tan \text{ di } 55)$$

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

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

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

arrotondare

$$X1 = 78$$

$$X2 = 52$$

Angle= 55°

$$A = 18 \times (\tan \text{ di } 55)$$

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

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

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

round up/down

$$X1 = 78$$

$$X2 = 52$$

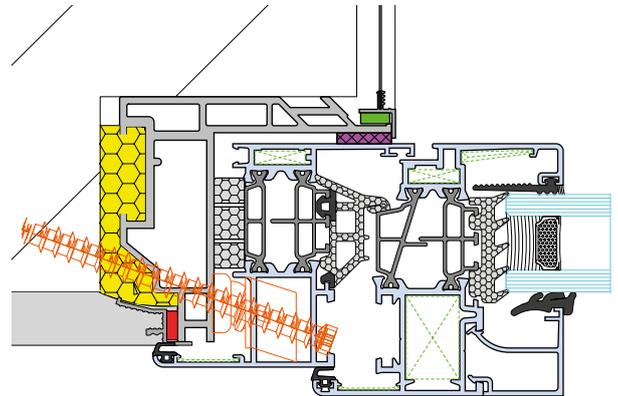
39

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.



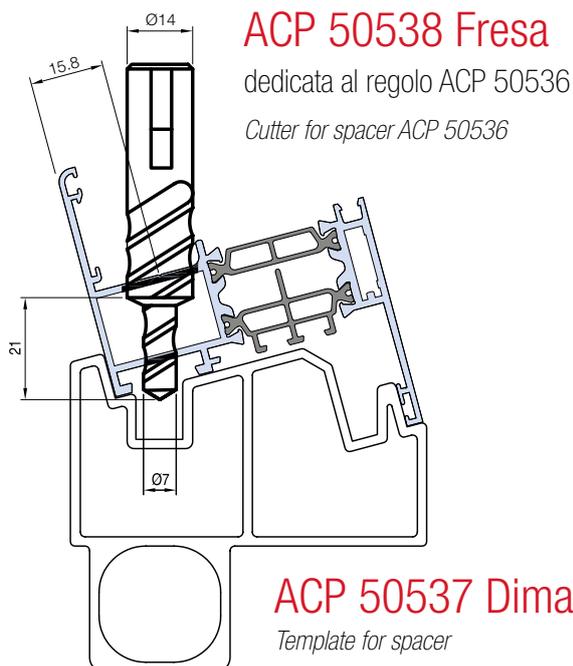
ACP 50536



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

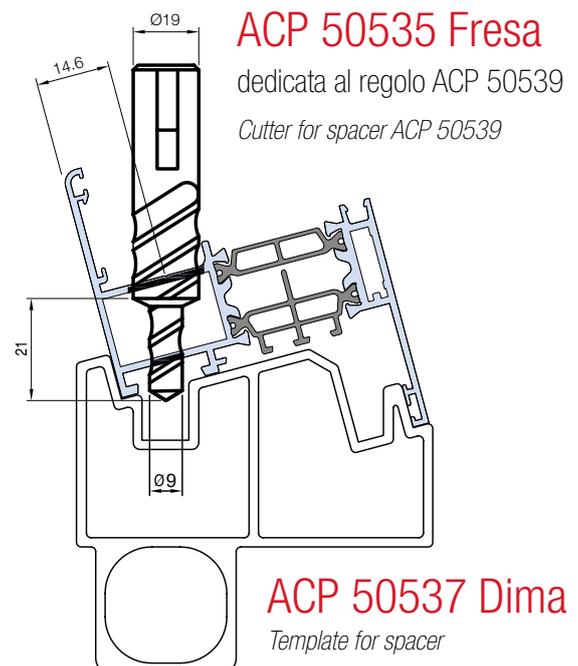
ACP 50539



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

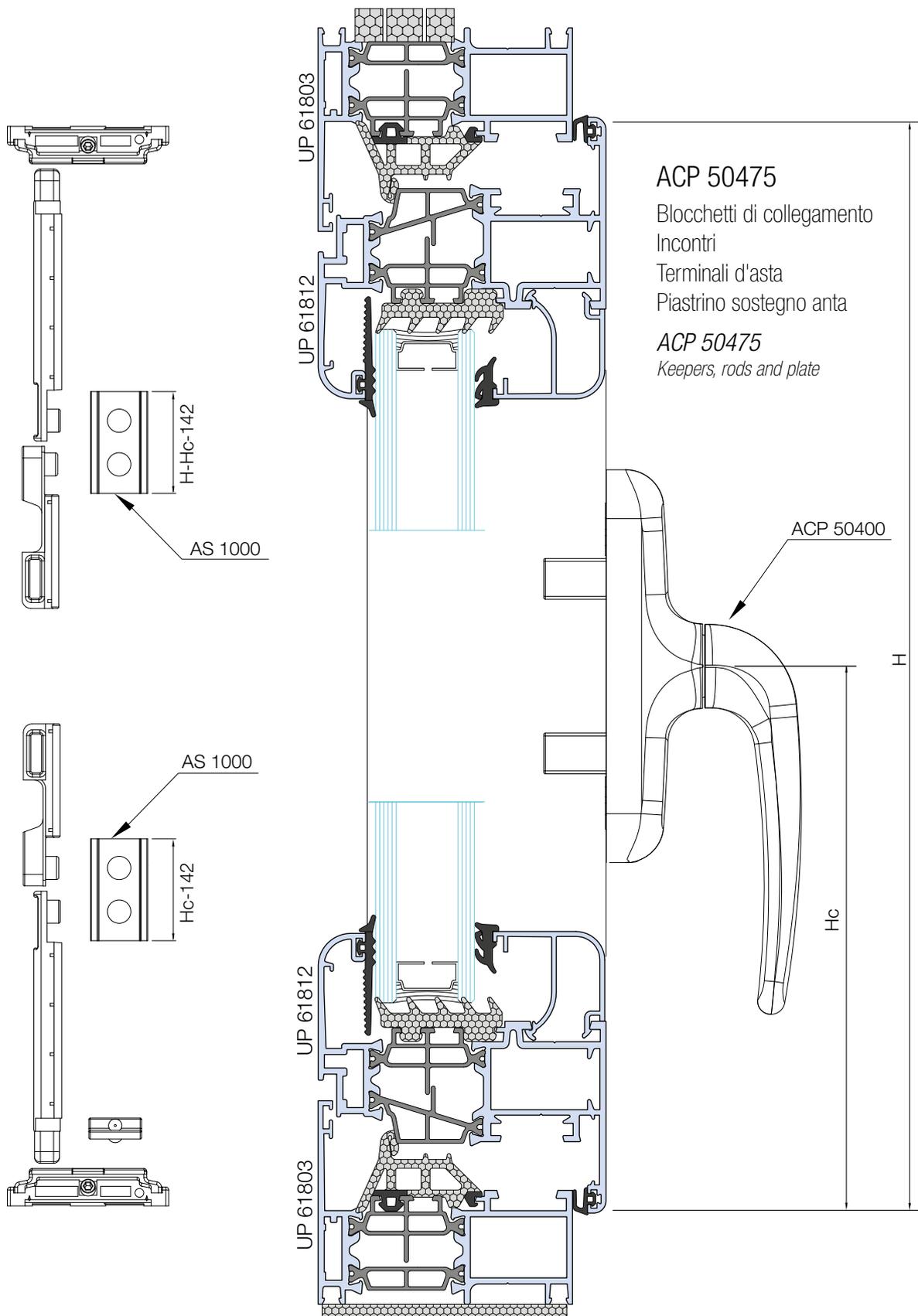


Utilizzare su finestre con dimensioni > 2mq

40

Lavorazione taglio astina per kit ACP 50475

Leaf closure rod cutting for ACP 50475



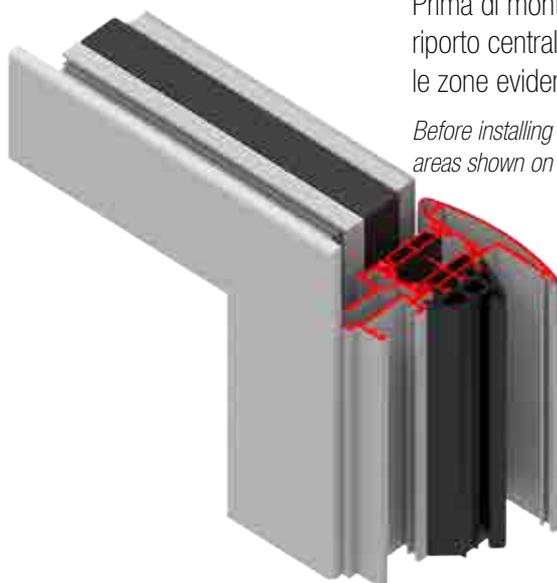
41

Montaggio tappo riporto centrale ACP 62180M

ACP 62180M astragal assembly

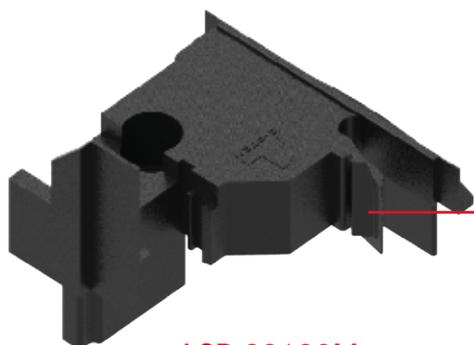
Prima di montare il tappo
riporto centrale occorre sigillare
le zone evidenziate nel disegno

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

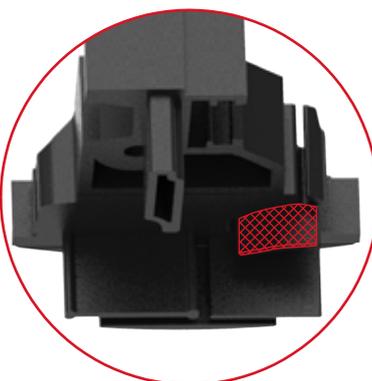


Avitare con vite
TC-CE4,8

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



ACP 62180M



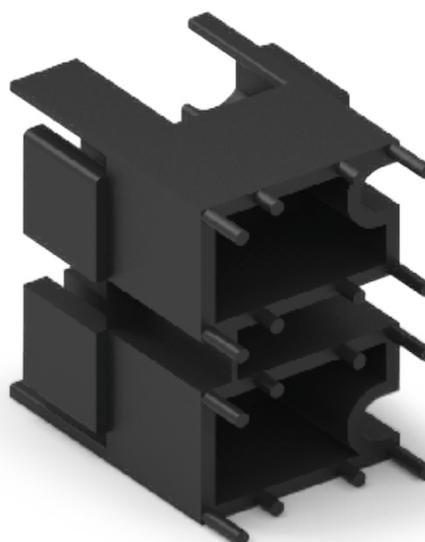
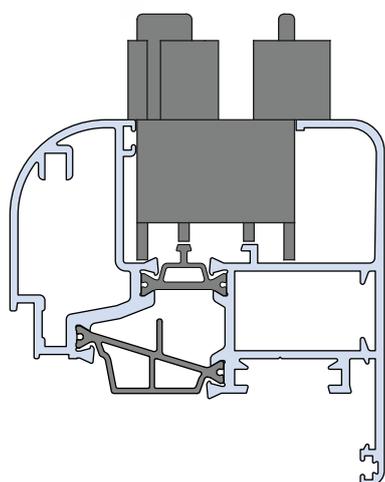
Dopo aver inserito il tappo,
accostare la pinna centrale
incollando la zona di contatto,
come evidenziato nell'immagine

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

42

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

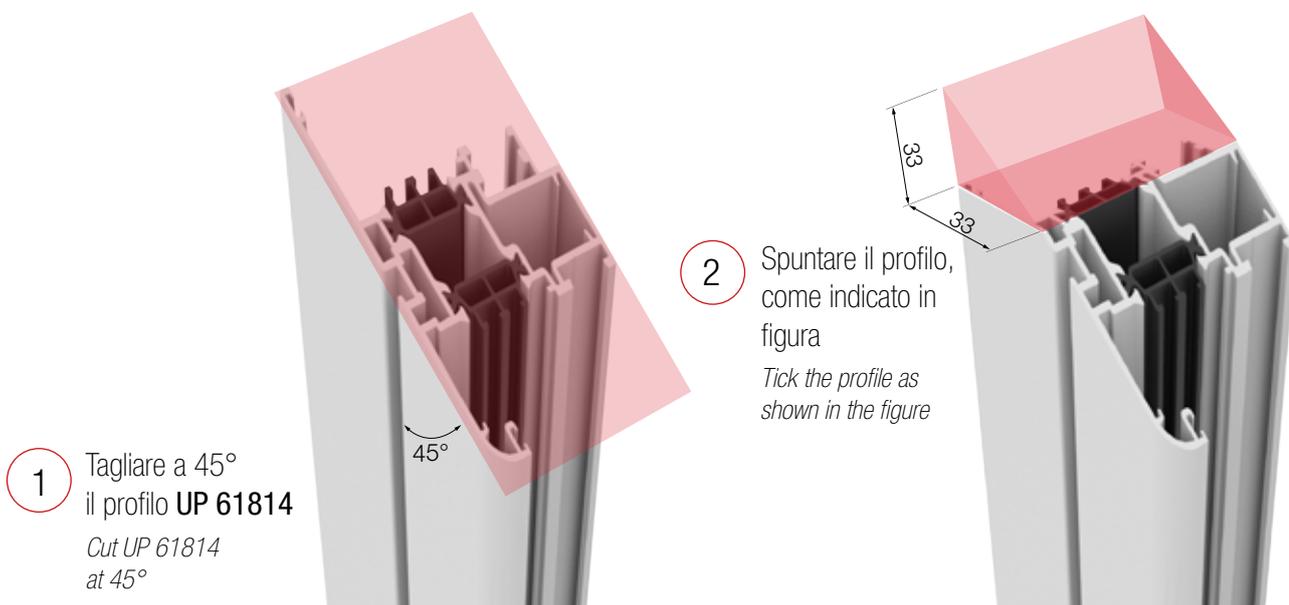
ACP 5525 cap assembly



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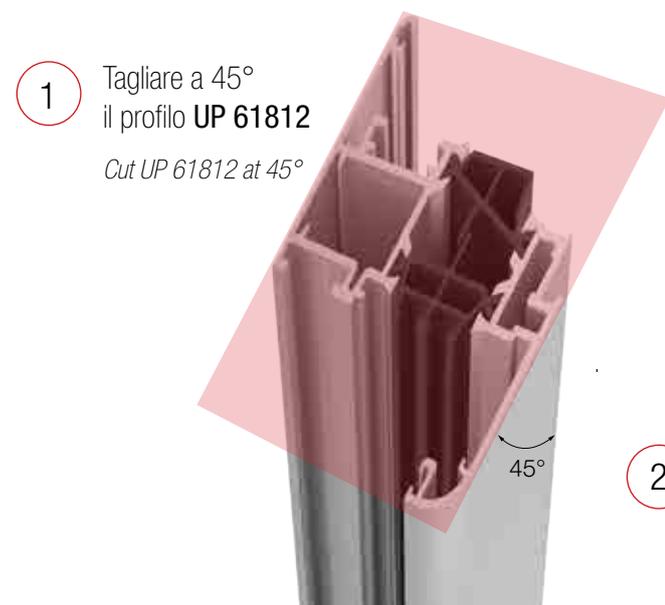
Lavorazione per applicazione tappo ACP 50121M per soluzione T all'italiana

Processing for cap application ACP 50121M for Italian T solution

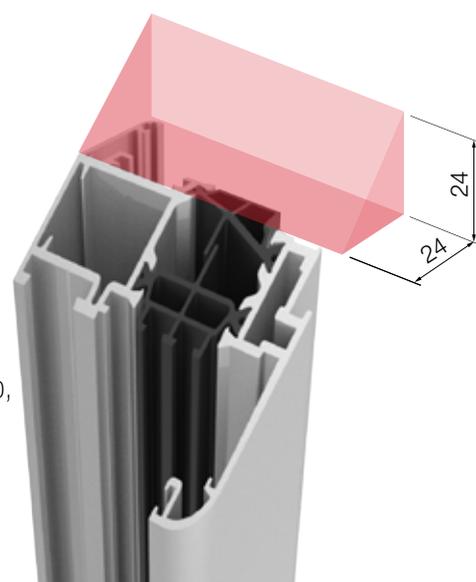


2 Spuntare il profilo,
come indicato in
figura
*Tick the profile as
shown in the figure*

3 Infine asportare la
parte di profilo, come
indicato in figura
*Finally, remove the
profile part as shown in
the figure*



2 Spuntare il profilo,
come indicato in
figura
*Tick the profile as
shown in the figure*



ATTENZIONE

Inserire il tappo prima di
assemblare l'anta

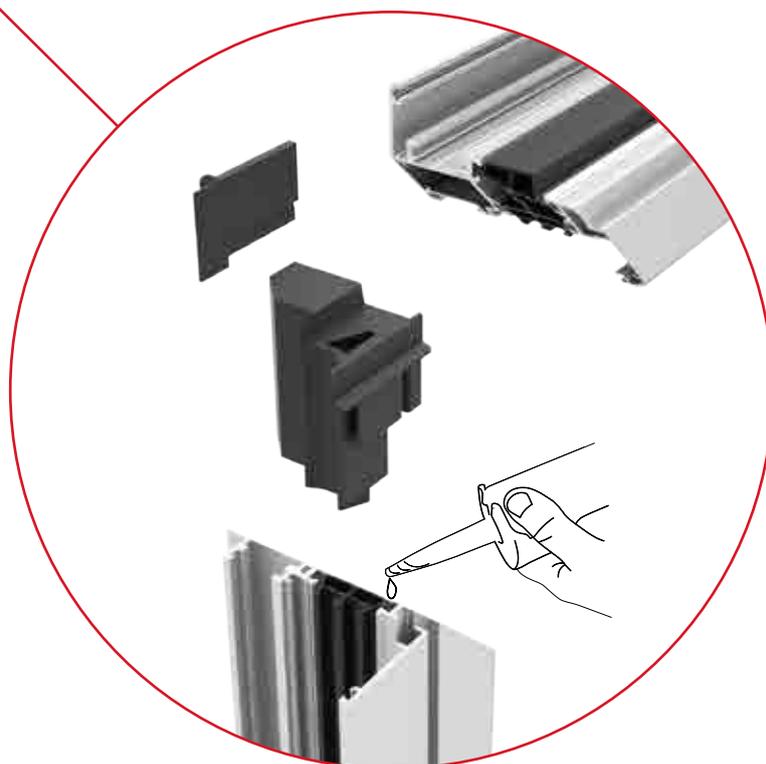
Insert the cap before leaf assembly

ACP 50121M



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

*Before assembling the cap to the
profile, seal the entire contact area
with F-polymer AGP 5035 / F. to avoid infiltration*



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Applicazione cavallotto ACP 50425 cava fermavetro Application U-bolt ACP 50425 glazing bead slot

Per l'applicazione del cavallotto cava fermavetro è necessario implementare la lavorazione effettuata con il Gruppo frese MCT PL 37 PT.

For the application of the glazing bead hollow U-bolt it is necessary to implement the processing carried out with the cutter group MCT PL 37 PT.

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

Remove the fins for the 4.5mm depth to mount the ACP 50425 U-bolt



PRIMA



ACP 50425



DOPO

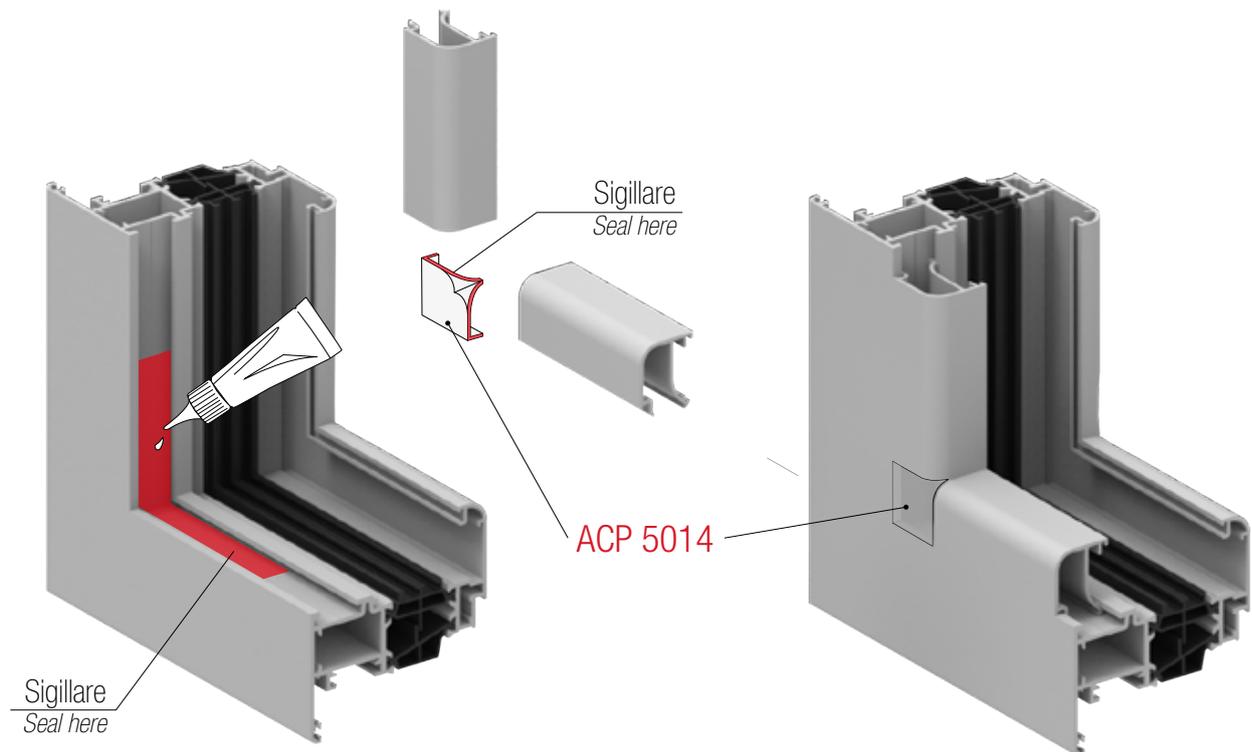
45

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

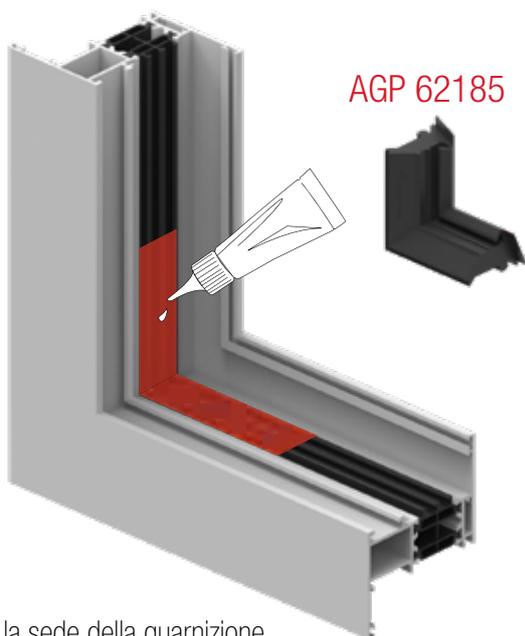
Before assembling the angle, seal the housing of the glazing bead in the corner and the joints with the glazing beads



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Montaggio angolo vulcanizzato AGP 62185 e AGP 4085

AGP 62185 and AGP 4085 vulcanised corner assembly



AGP 62185

Sigillare la sede della guarnizione nell'angolo (come in figura) prima di montare l'angolo vulcanizzato.

Before assembling the vulcanised corner, seal the gasket housing in the corner

AGP 62172



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

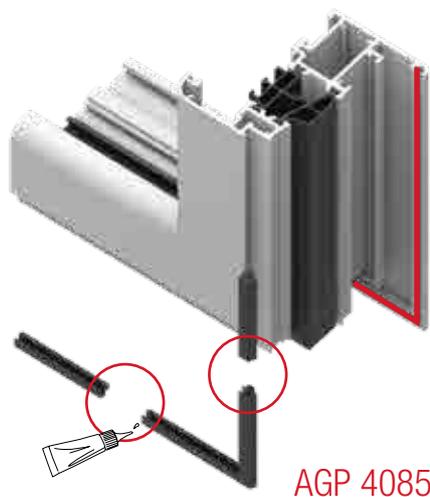
After assembling the vulcanised corner, place the fin, gluing the contact area

AGP 62172

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



AGP 4085

...inserire la guarnizione nella sede appropriata (indicata in rosso)

Insert the gasket in the correct position



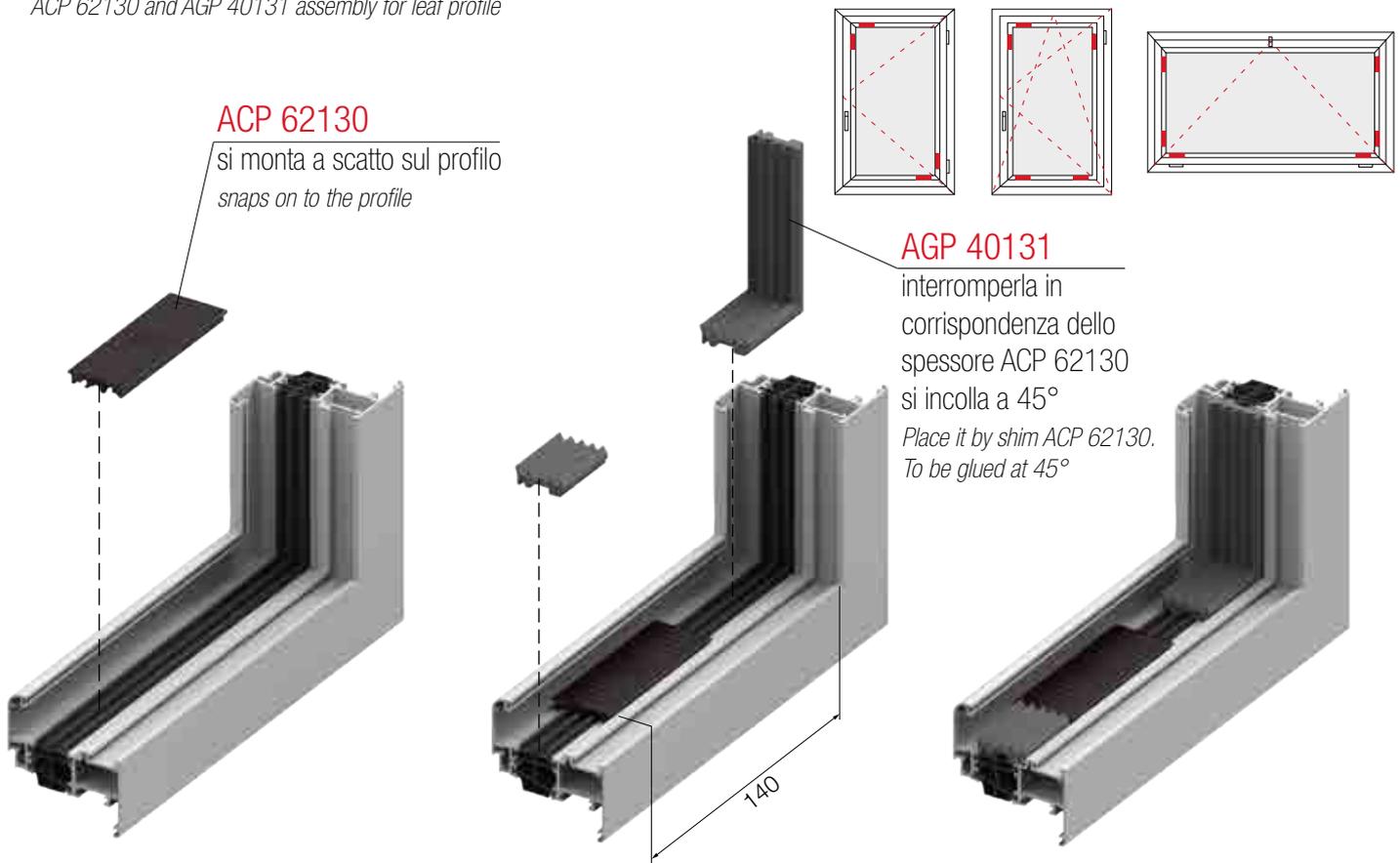
Sul traverso inferiore del telaio praticare un cordolo di sigillante sotto la guarnizione centrale e per tutta la lunghezza del traverso

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

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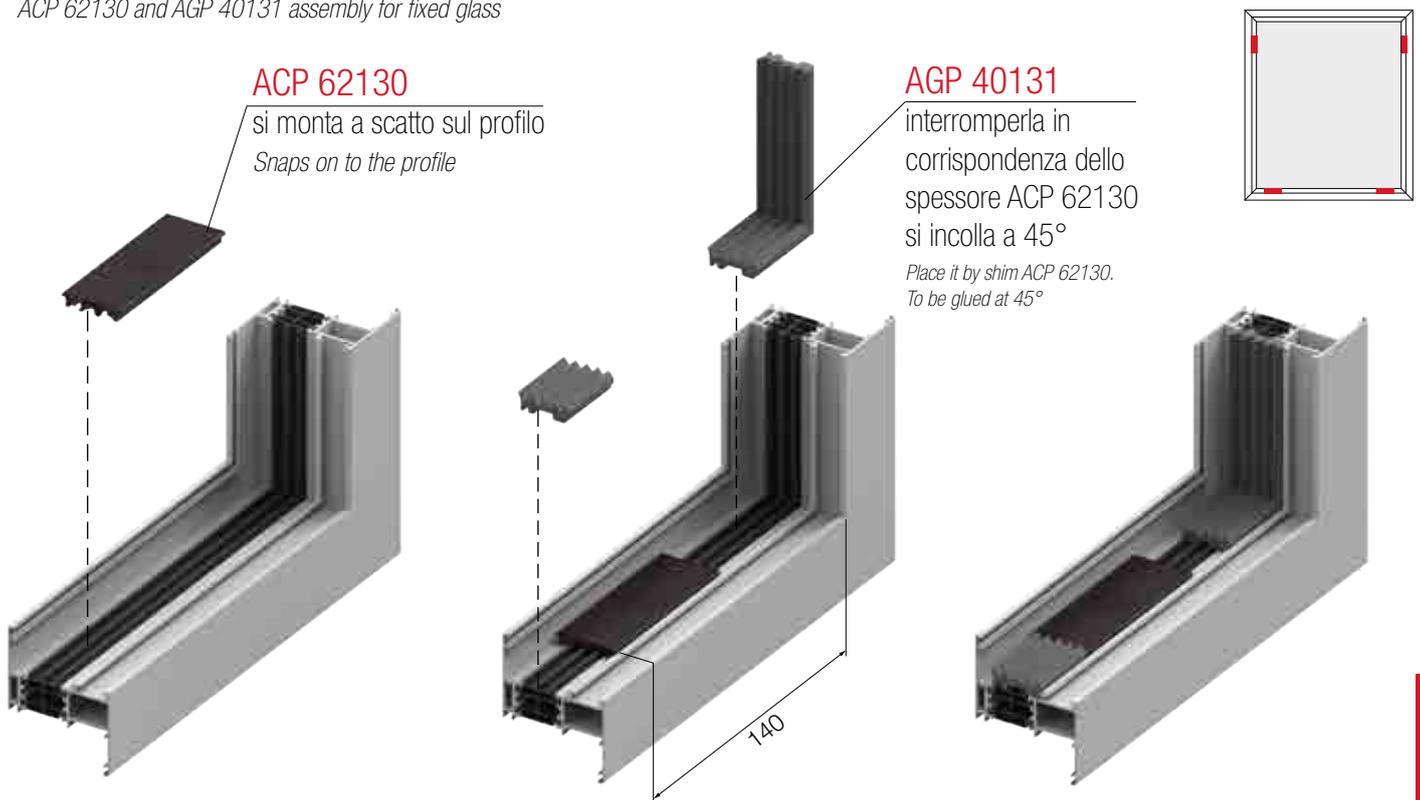
Applicazione supporto ACP 62130 e isolamento vetro AGP 40131 sui profili anta

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



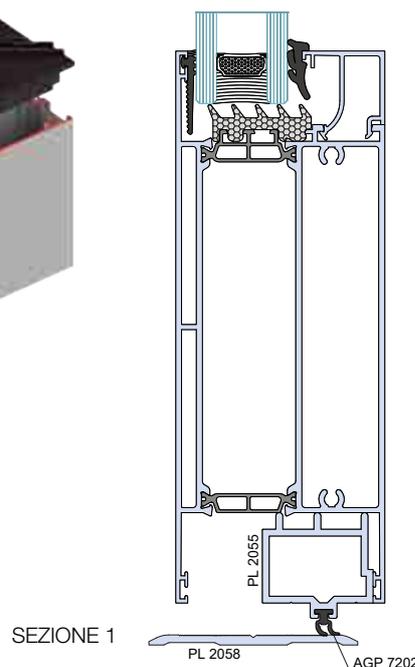
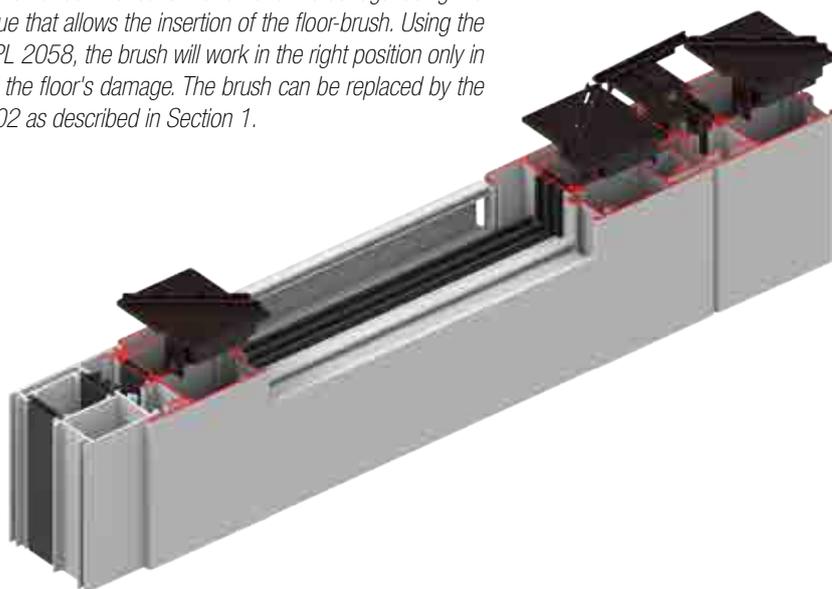
48

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.



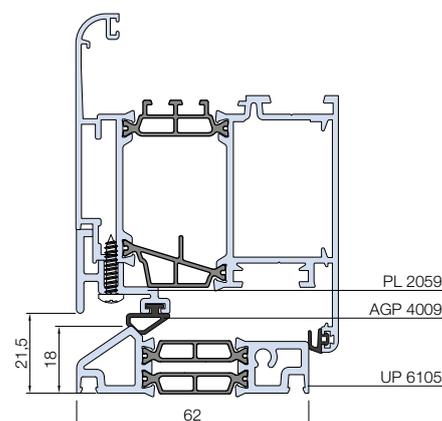
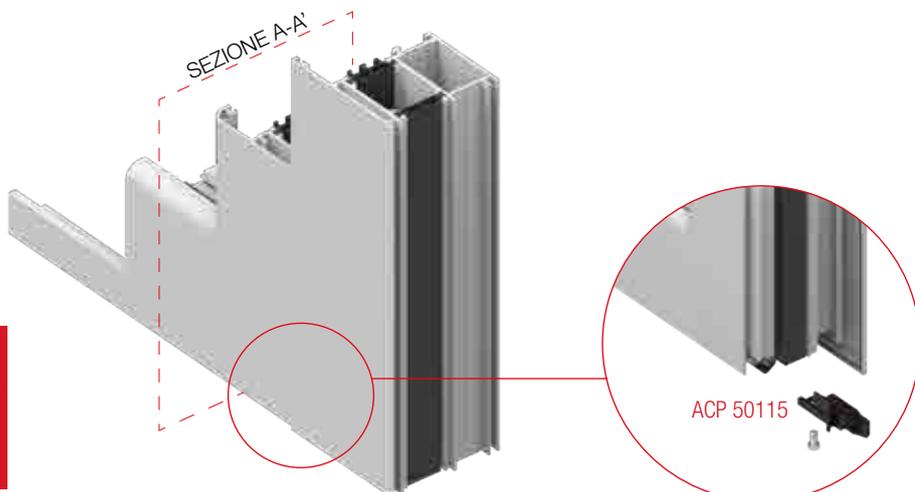
49

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.

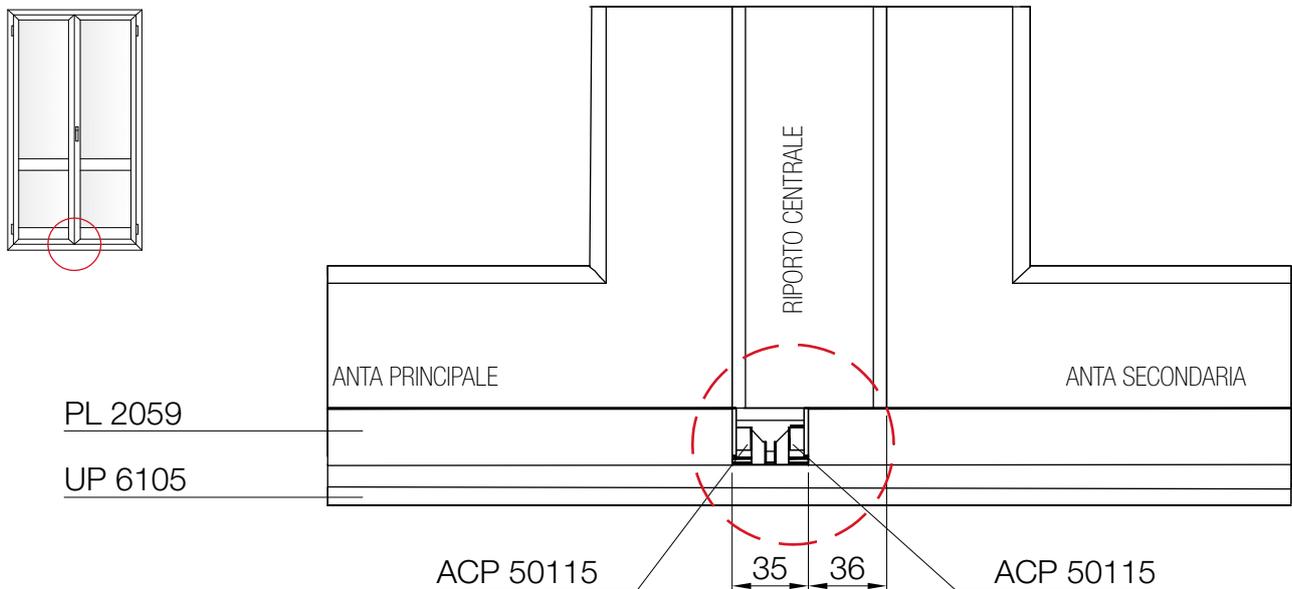
New cap for turn-leaf-doors which provide the leaf as sill in place of the base. The end cap (right and left) was created to make the the system more hermetic as it will give continuity between the gasket (AGP 4009) and the mullion's fin seal. Therefore it won't need two vulcanized corner. The cap will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



Sez. A-A'

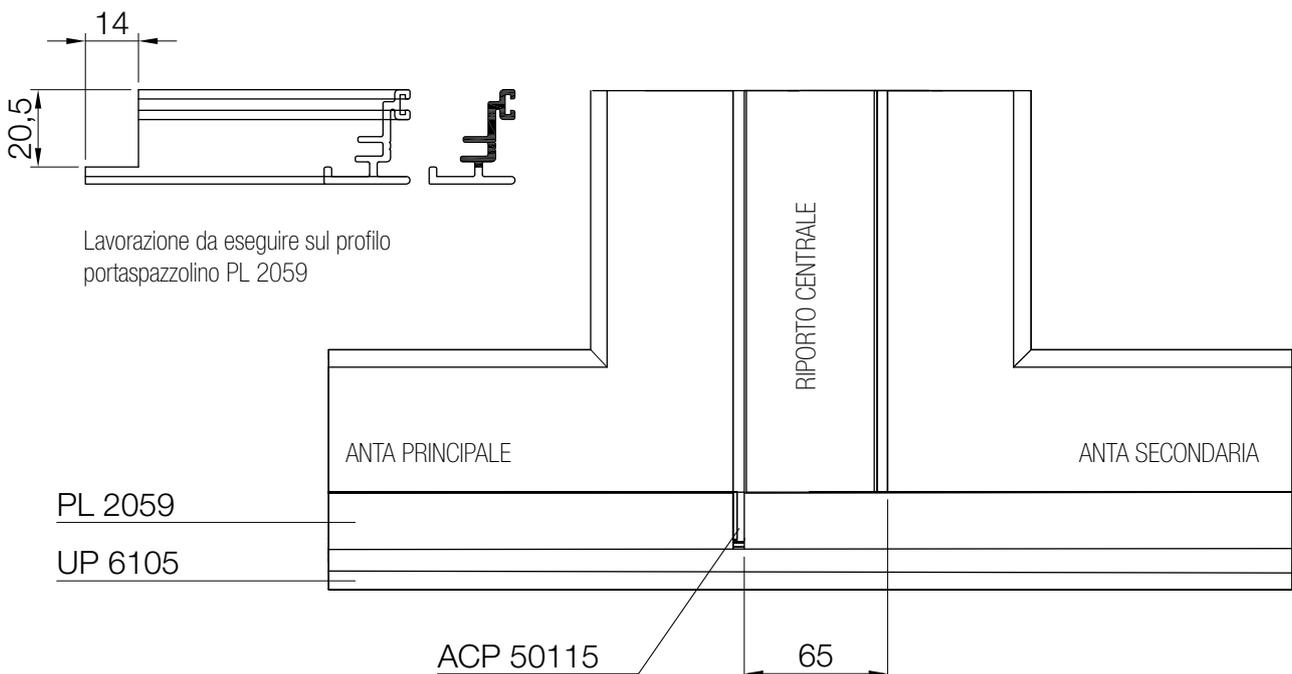
Nel nodo centrale dell'infisso a 2 ante è possibile adottare 2 differenti soluzioni in base alle proprie esigenze. La soluzione ermetica prevede l'inserimento del tappo ACP 50115 su entrambe le ante, creando però una zona centrale con i tappi a vista da 35X30mm, come evidenziato nel disegno qui sotto.

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.



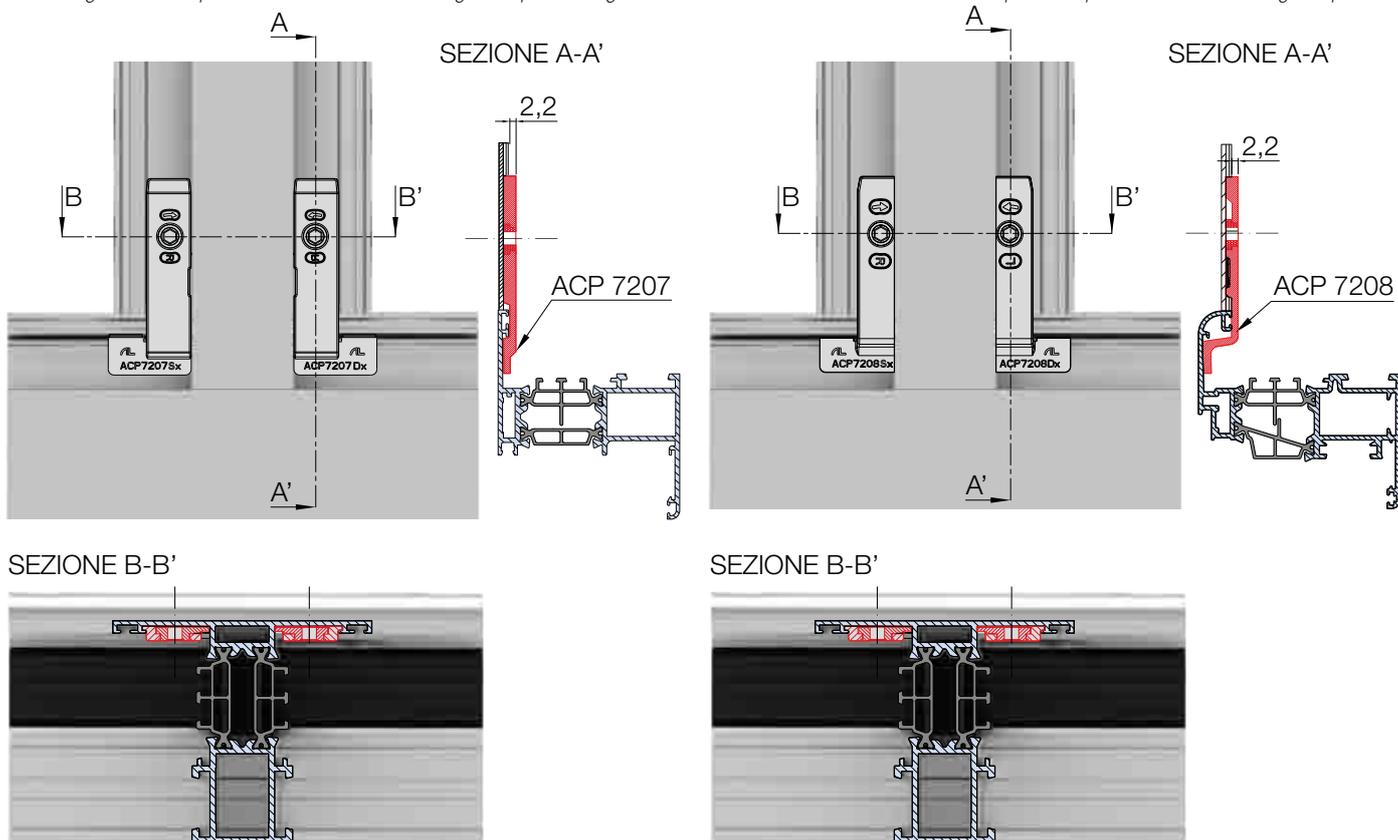
50

Applicazione cavallotti esterni ACP 7207 e ACP 7208

ACP 62185 and AGP 4085 assembly

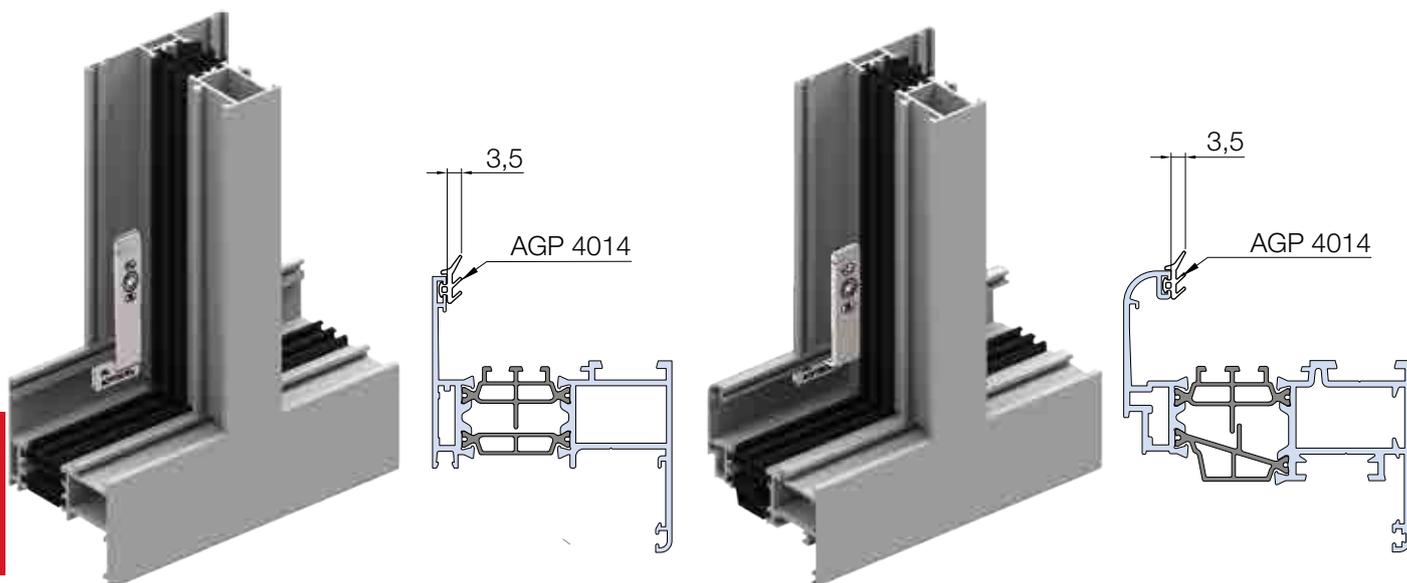
I cavallotti ACP 7207 e ACP 7208 conferiscono alla giunzione tra montante e traverso un perfetto allineamento della scocca esterna nonché un tiraggio notevole, sulle serie di una certa profondità aiutano a mantenere il traverso in posizione ortogonale senza subire rotazione a causa del peso del vetro.

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.

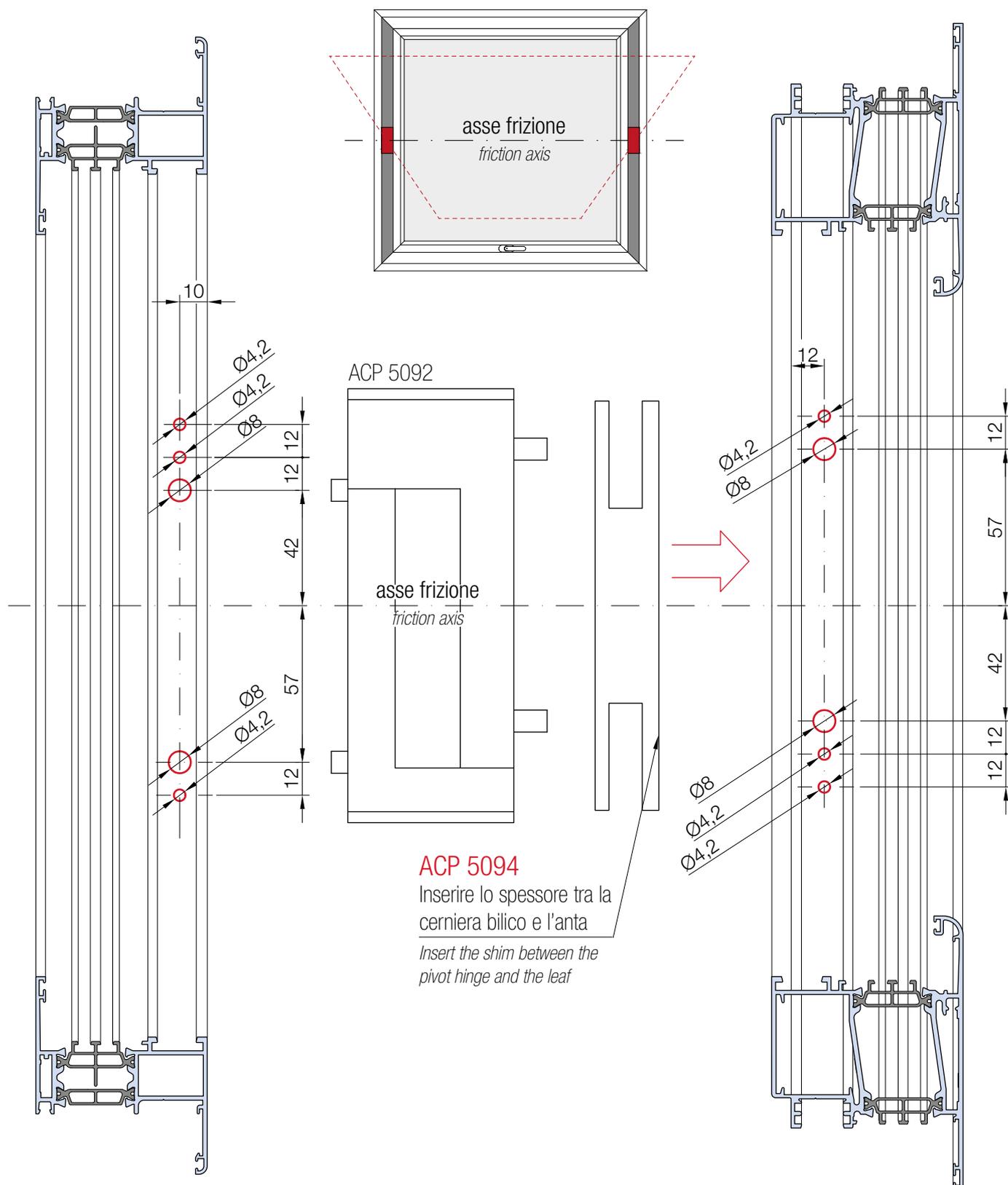
To use clamps ACP 7207 and ACP 7208 is required use the gasket AGP 4014 that allows you to place the glass at the right distance, avoiding any risk of contact.



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

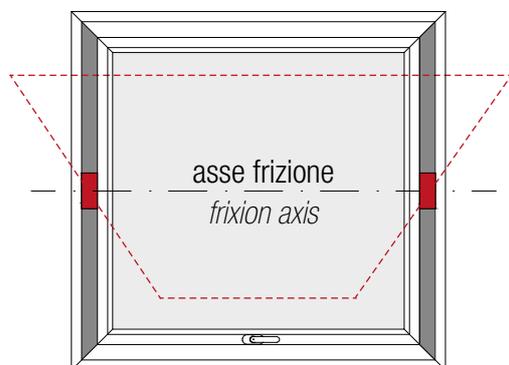
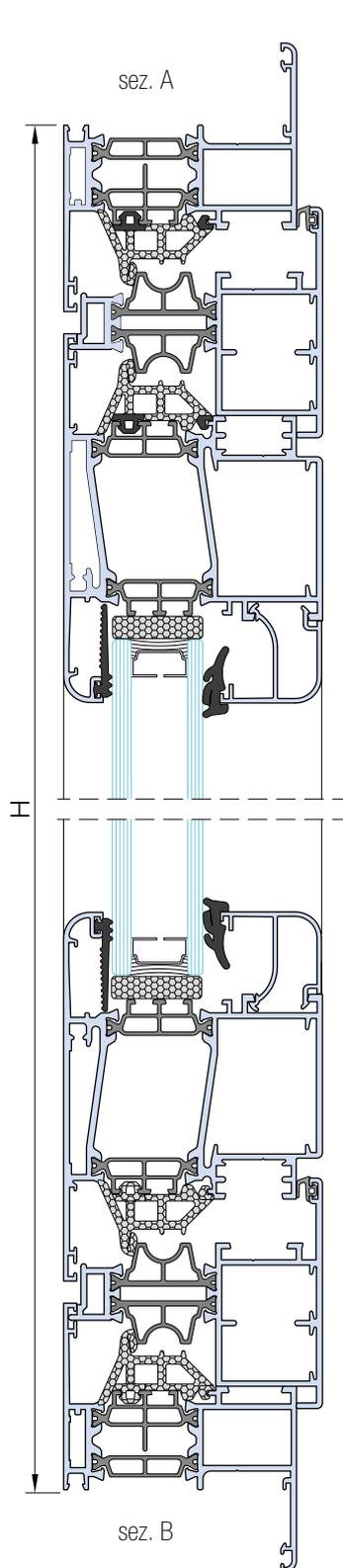
Machining of frame and horizontal pivot leaf to fit hinge ACP 5092 - load 175kg



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

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

**INVERSIONE BILICO**

Riepilogo tagli:

Traverso inferiore:

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

Traverso superiore:

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

Montante superiore:

- 2 pezzi $(H-44)/2 - 76(45^\circ-90^\circ)$ Punta "A"

Montante inferiore:

- 2 pezzi $(H-44)/2 - 76(45^\circ-90^\circ)$ Punta "B"

PIVOT REVERSAL

Summary of cuts:

Lower crosspiece:

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

Upper crosspiece:

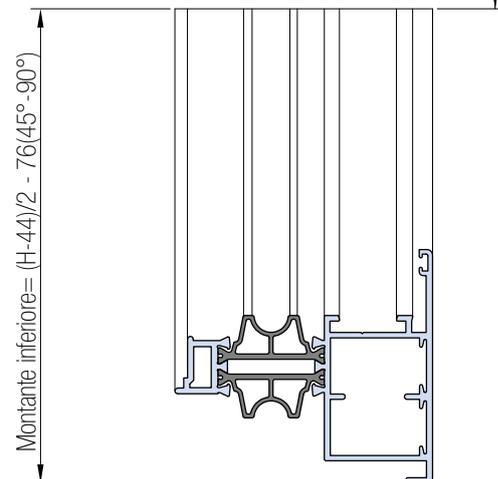
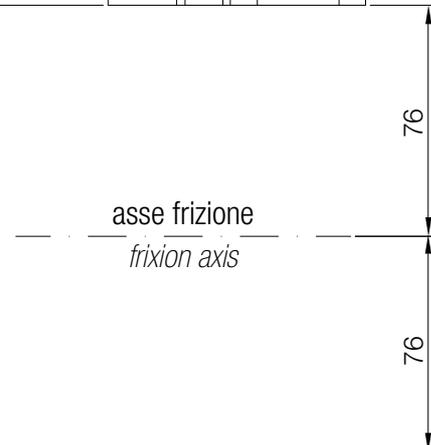
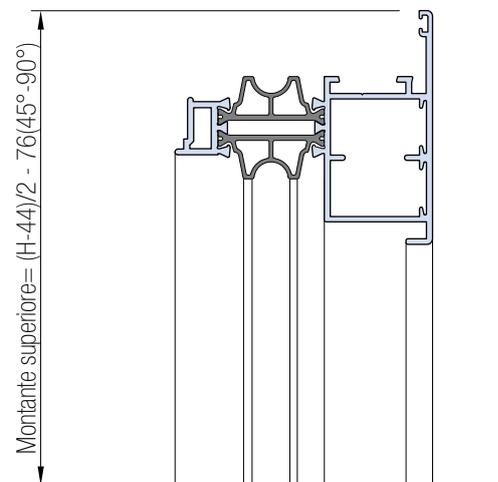
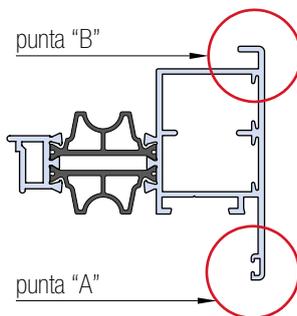
- 1 piece W - 44(45°-45°) Point "A" - Punta "A"

Upper jamb:

- 2 pieces $(H-44)/2 - 76(45^\circ-90^\circ)$ Point "A"

Lower jamb:

- 2 pieces $(H-44)/2 - 76(45^\circ-90^\circ)$ Point "B"



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

After cutting TT 6120, use plastic plugs ACP 50119

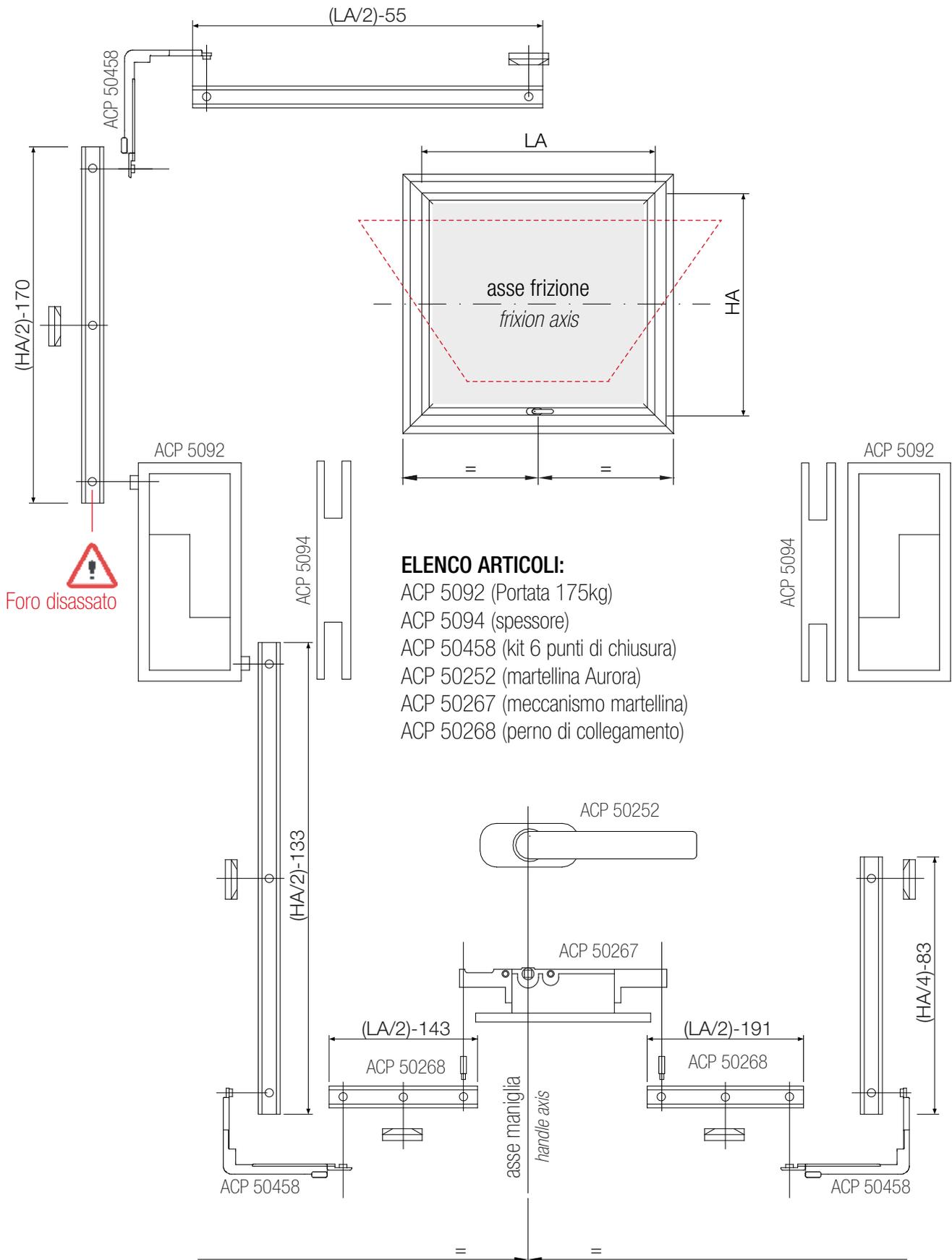
L'utilizzo dei tappi evita l'intestatura del profilo "inversione di battuta bilico", velocizzando il processo di realizzazione dell'infisso come raffigurato a lato.

The use of plugs prevents the fabricator the butting profile "Profile window rabbet adapter", which speeds up the implementation process of the frame.

53

Lavorazione taglio asta per applicazione kit ACP 50458, bilico orizzontale

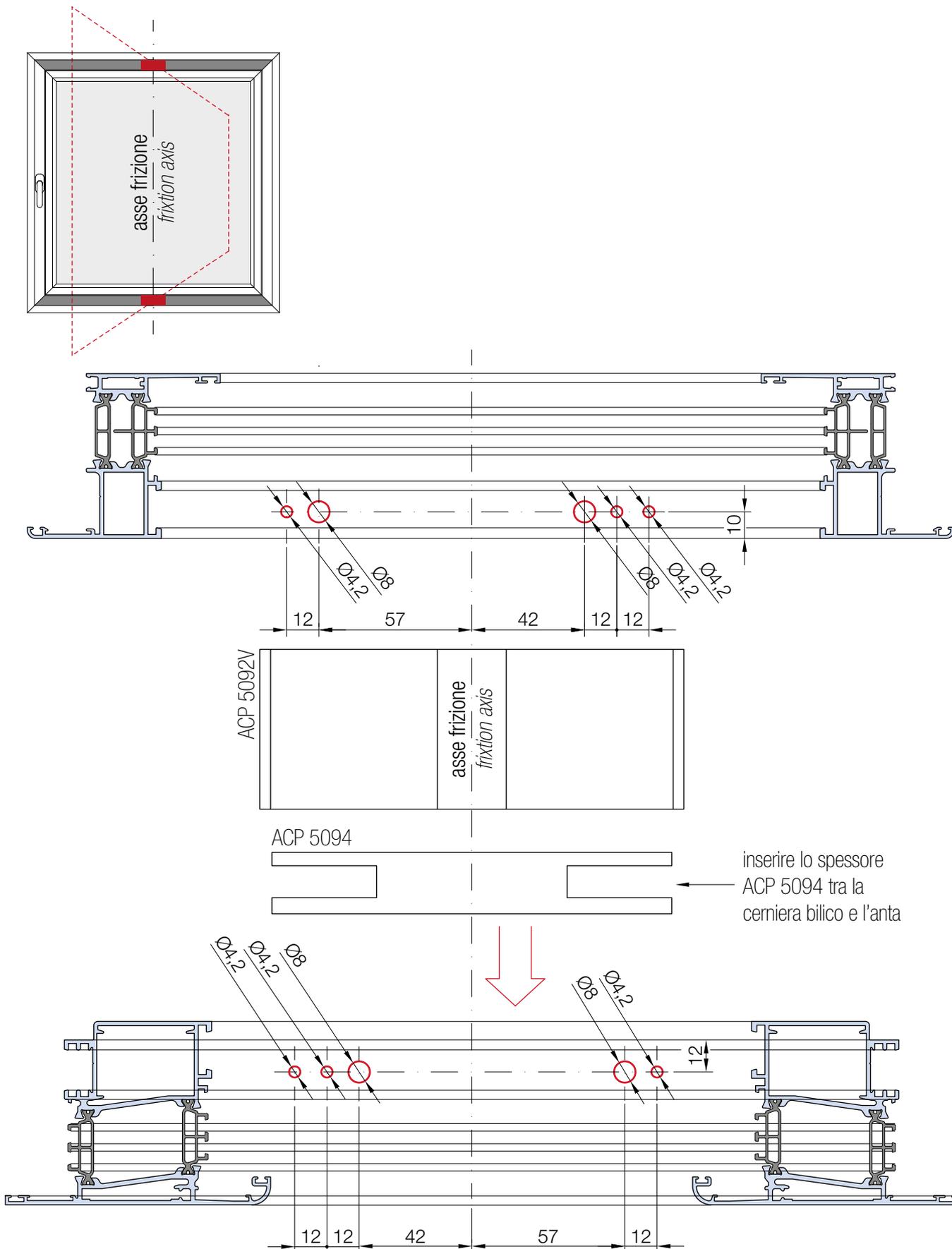
Working application ACP 50458, horizontal pivot window



54

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

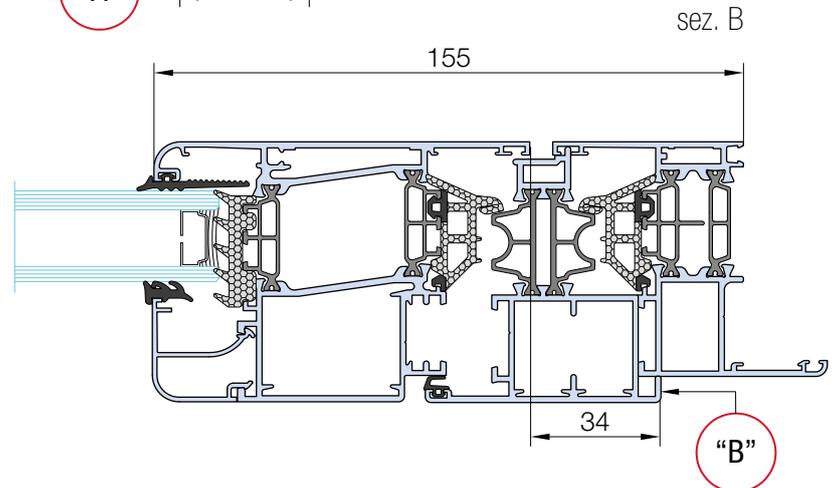
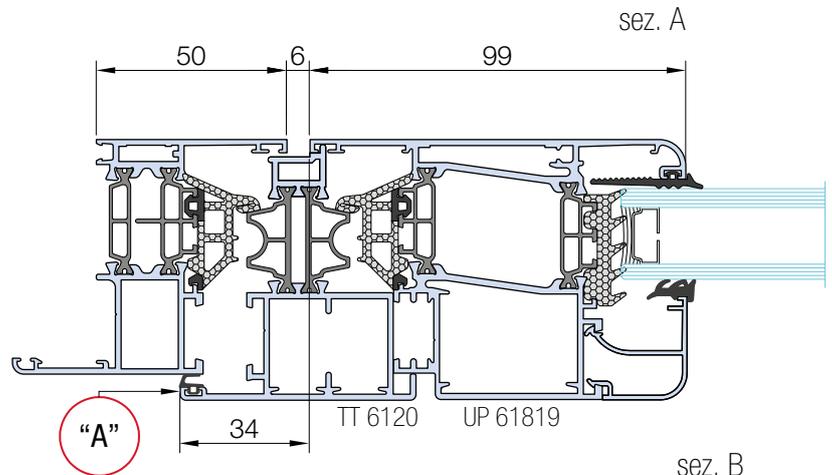
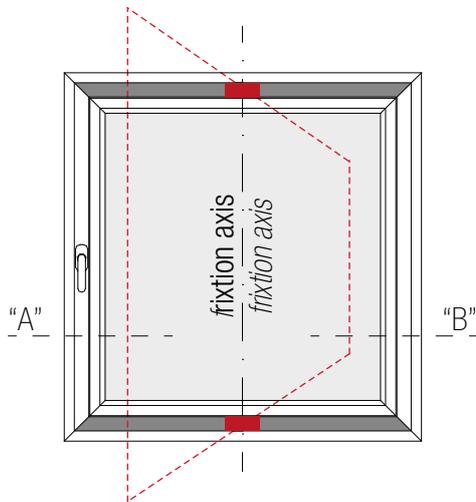
Machining of frame and vertical pivot leaf to the fit hinge ACP 5092V - load 175kg



55

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

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°

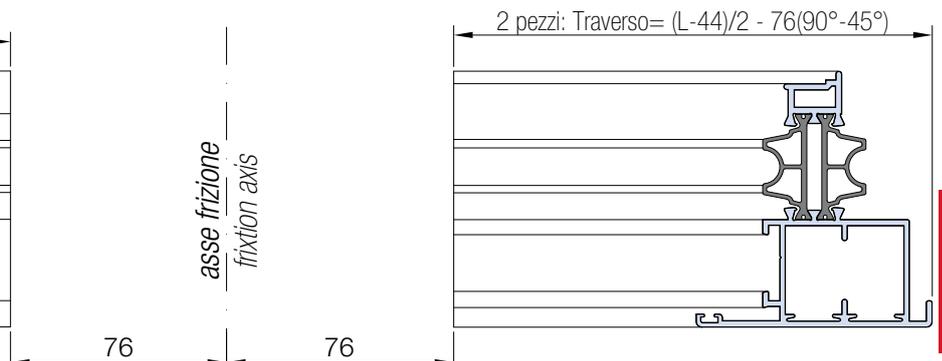
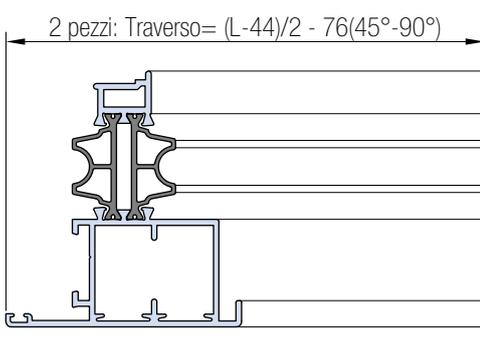
SX transom:

- 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



58

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 50458, ACP 50401) con doppi incontri sul traverso inferiore

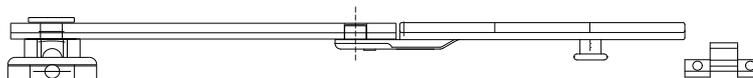
Manual use

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

monodirectional casement fittings (ACP 50458, ACP 50401) with dual keeper

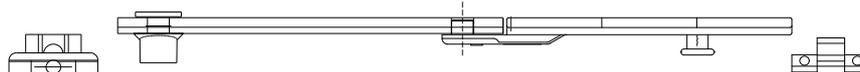
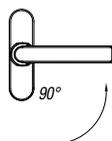
CHIUSA

Closed



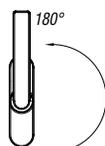
SCORREVOLE

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

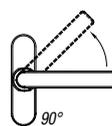
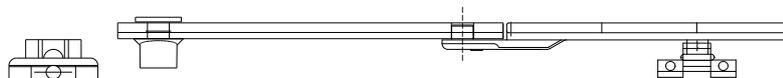
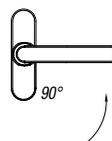
CHIUSA

Closed



RIBALTA

Tilt and turn



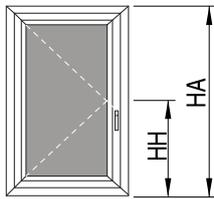
Dando un colpo verso l'alto vado in posizione scorrevole ma la maniglia torna in posizione orizzontale per permettere l'aggancio in ribalta autonomamente

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

59

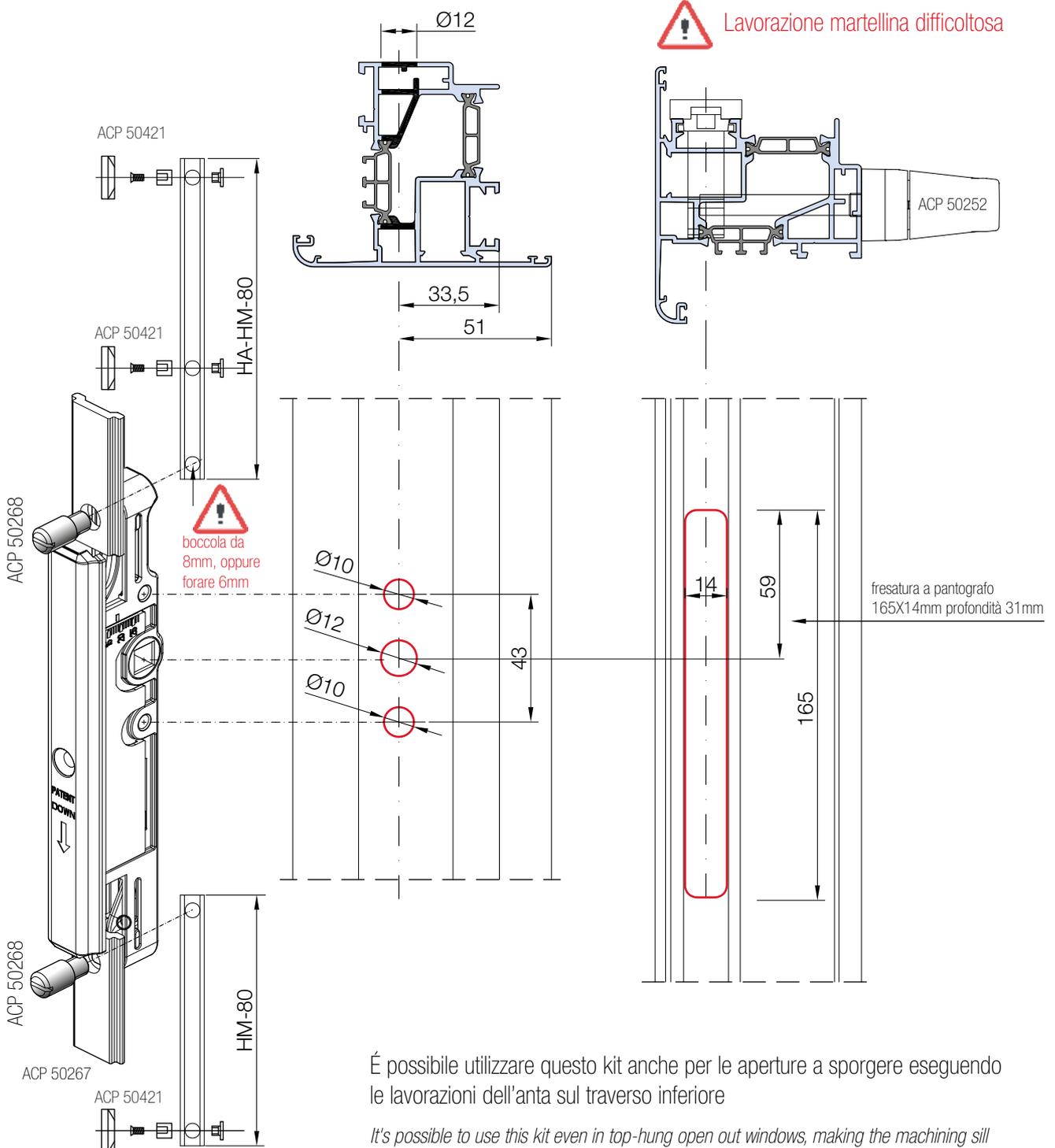
Lavorazione per applicazione martellina su profili apertura esterna

Machining to fit the window handle on open-out profiles



ELENCO ARTICOLI:

- ACP 50267 (Comando Martellina) pz 1
- ACP 50252 (Martellina) pz 1
- ACP 50421 (chiusure) pz 3
- ACP 50268 (perno di collegamento) pz 2



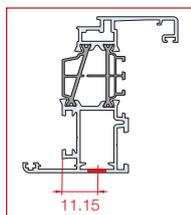
É possibile utilizzare questo kit anche per le aperture a sporgere eseguendo le lavorazioni dell'anta sul traverso inferiore

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

60

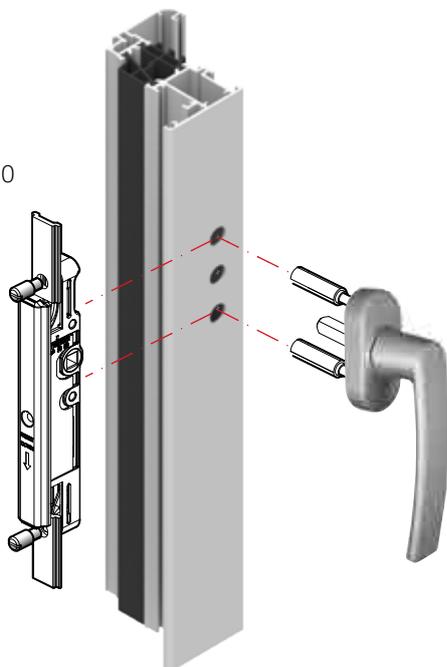
Applicazione martellina ACP 50252

ACP 50252 martellina handle assembly



1 Inserire il meccanismo nell'apposita sede

Insert the mechanism into its seat



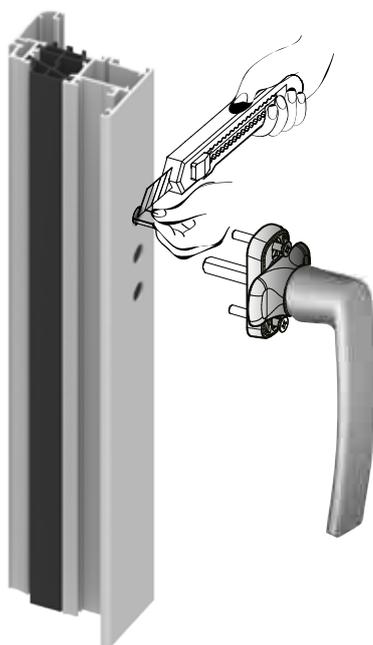
2 Abbinare l'astina e fissare con i perni di collegamento

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

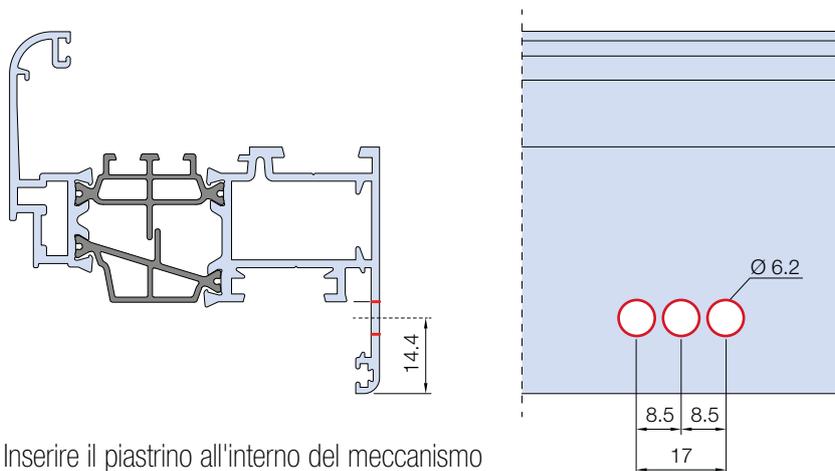
Fix the handle with its screws



61

Applicazione EXENS ACP 50314

ACP 50314 EXENS handle assembly



1 Realizzare fori come indicato in rosso
Making holes as shown

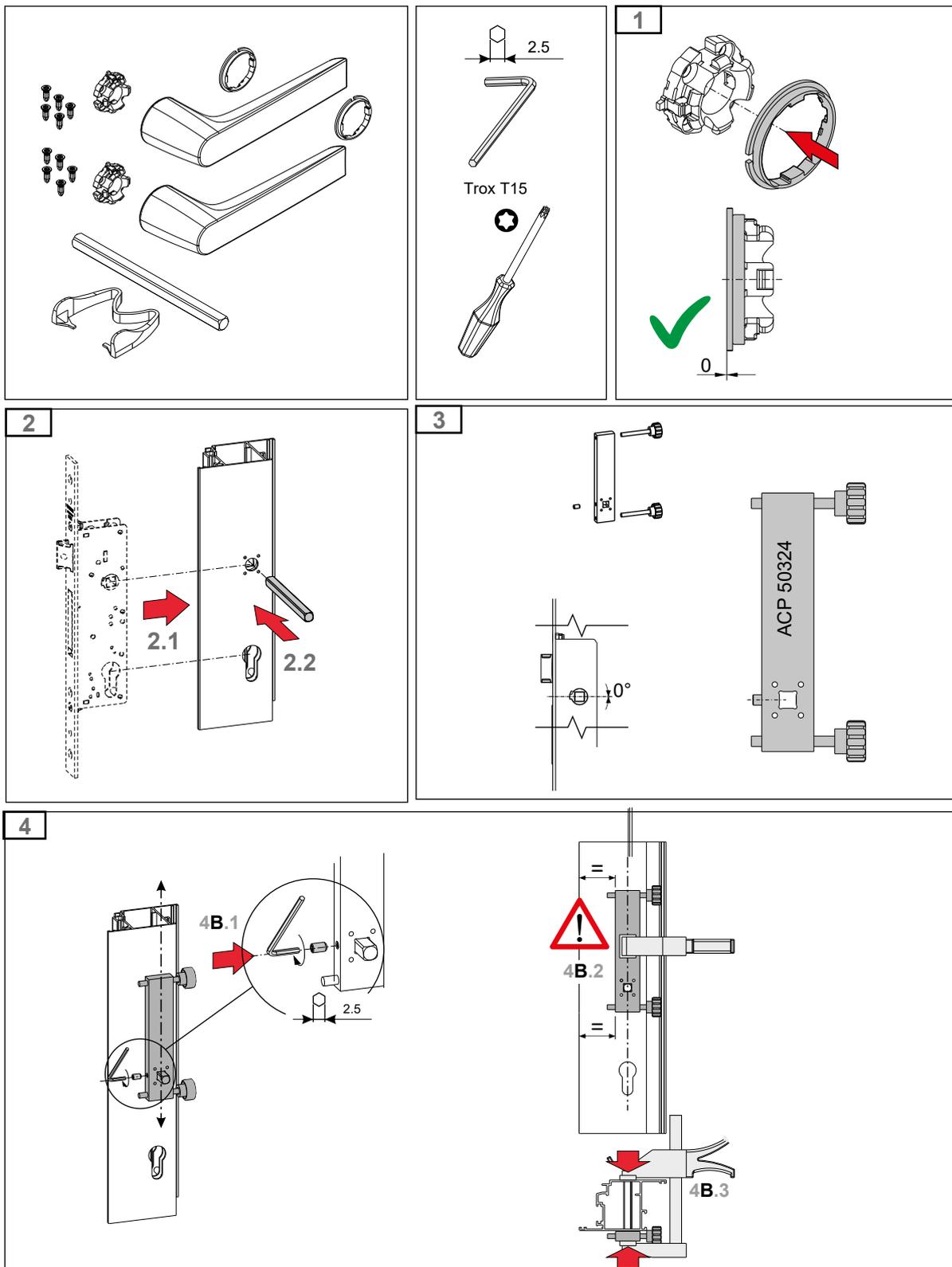
- 2 Inserire il piastrino all'interno del meccanismo
Insert plate inside the mechanism
- 3 Inserire il meccanismo nella cava ferramenta dell'anta
Insert mechanism in the hardware quarry of the left
- 4 Agganciare l'astina all'estremità del meccanismo tramite i perni
Attached rod at the end of the mechanism 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

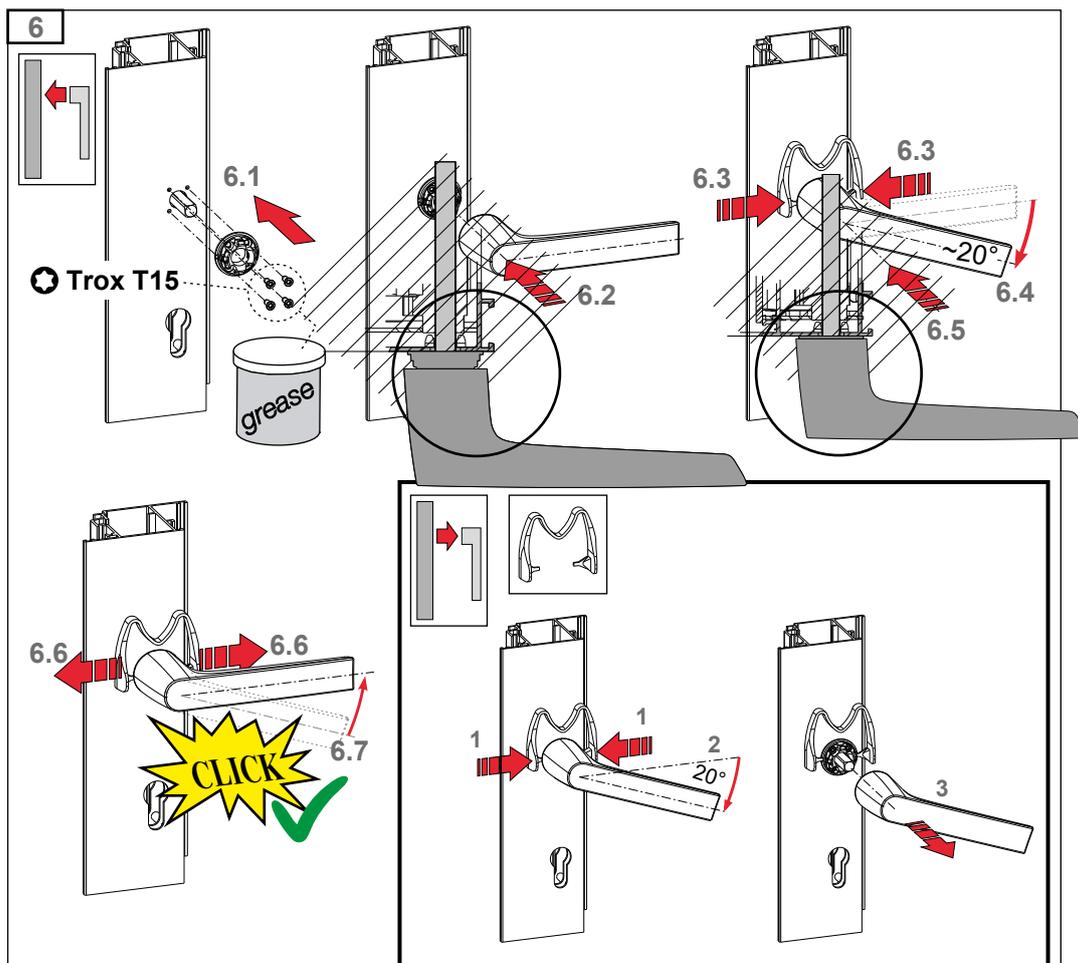
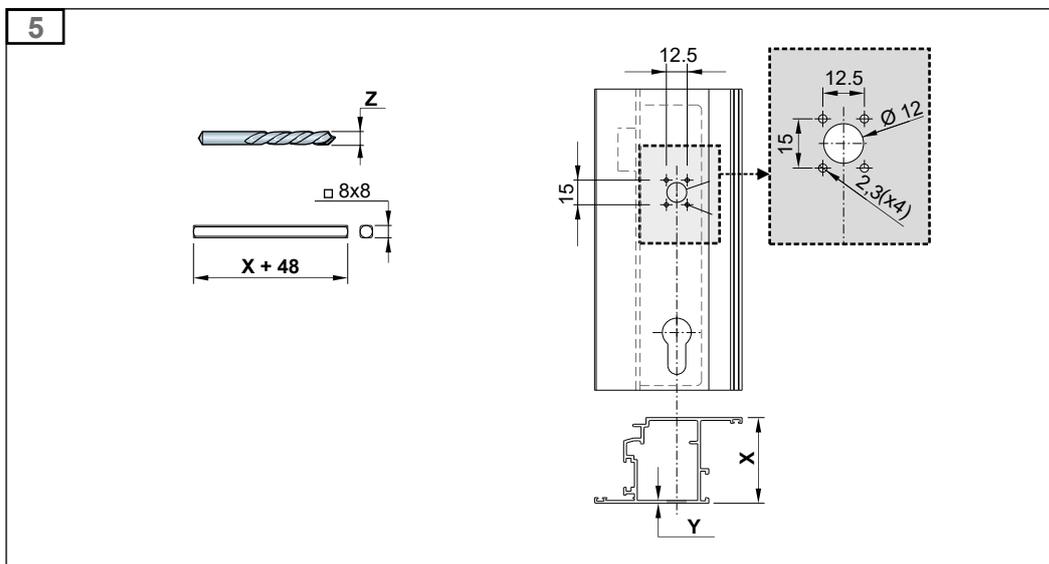


62

Applicazione doppia maniglia EXENS linea Aurora ACP 50318

Double handle application EXENS Aurora line ACP 50318





63

Montaggio SECRET anta a ribalta

SECRET tilt and turn mechanism assembly

PESO MASSIMO DELL'ANTA (ALLUMINIO E VETRO)

Maximum wing weight (aluminium and glass)

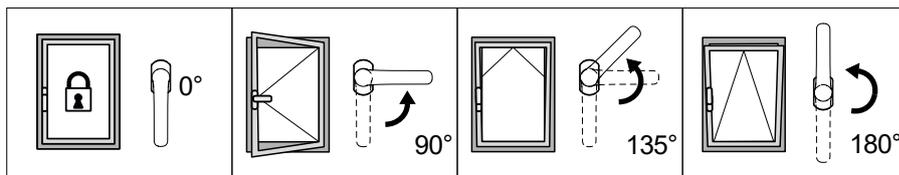
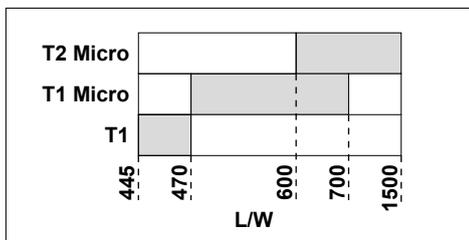
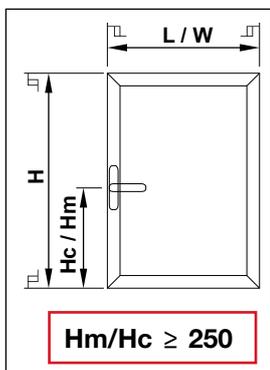
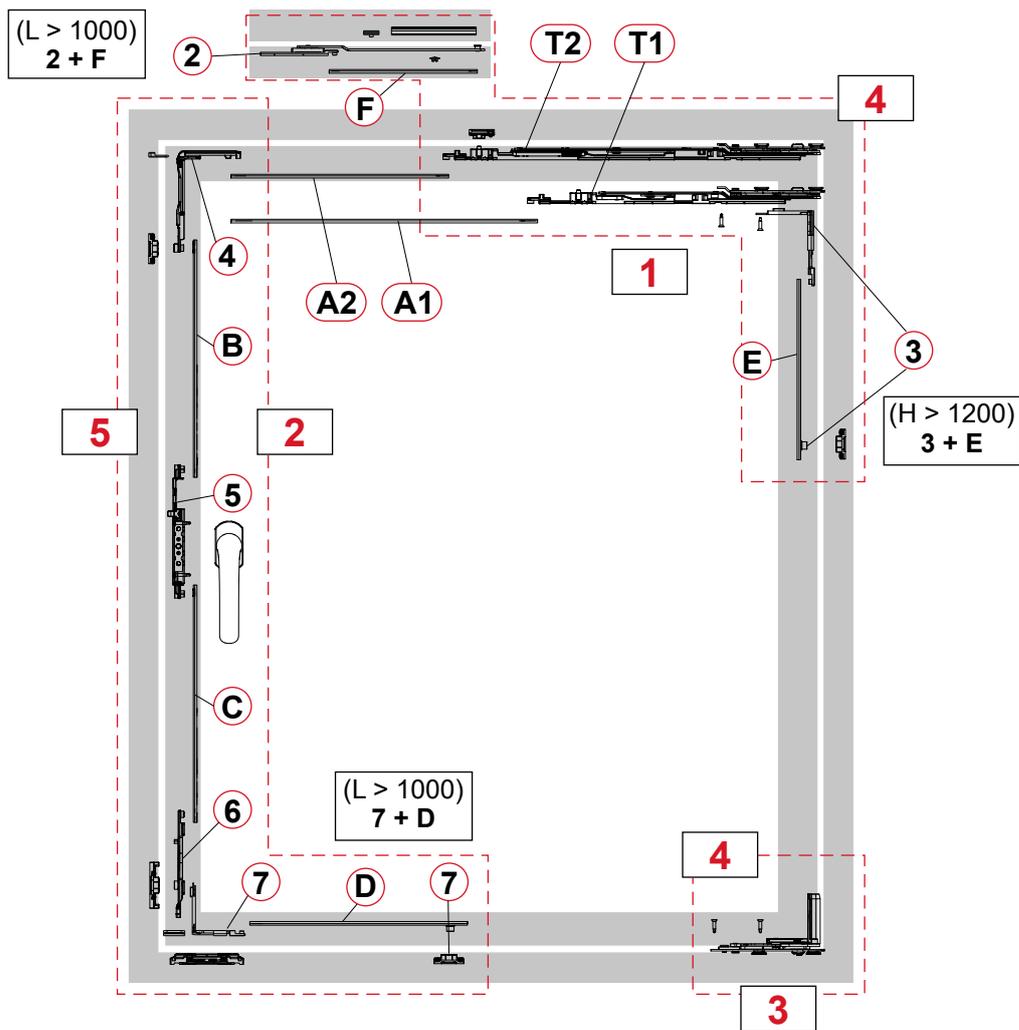
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2400	100	100	100	100	100	100	100	100	100	100	100	100
2300	100	100	100	100	100	100	100	100	100	100	100	100
2200	100	100	100	100	100	100	100	100	100	100	100	100
2100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100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



Non realizzabile
Not possible

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

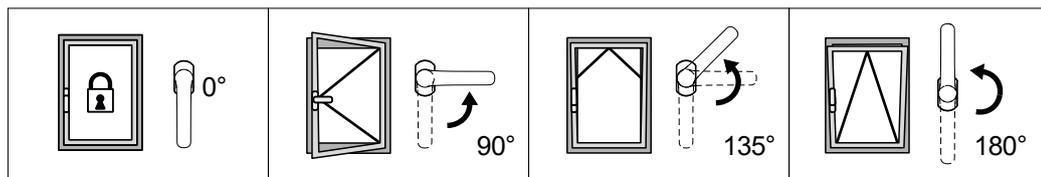
The capacities and correct functioning of the accessory are only guaranteed if there are no obstacles preventing movement of the wing which force the hinges excessively (such as protrusions, stoppers or other stop elements)



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

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

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



CHIUSA

Closed window

BATTENTE

Casement window

MICRO VENTILAZIONE

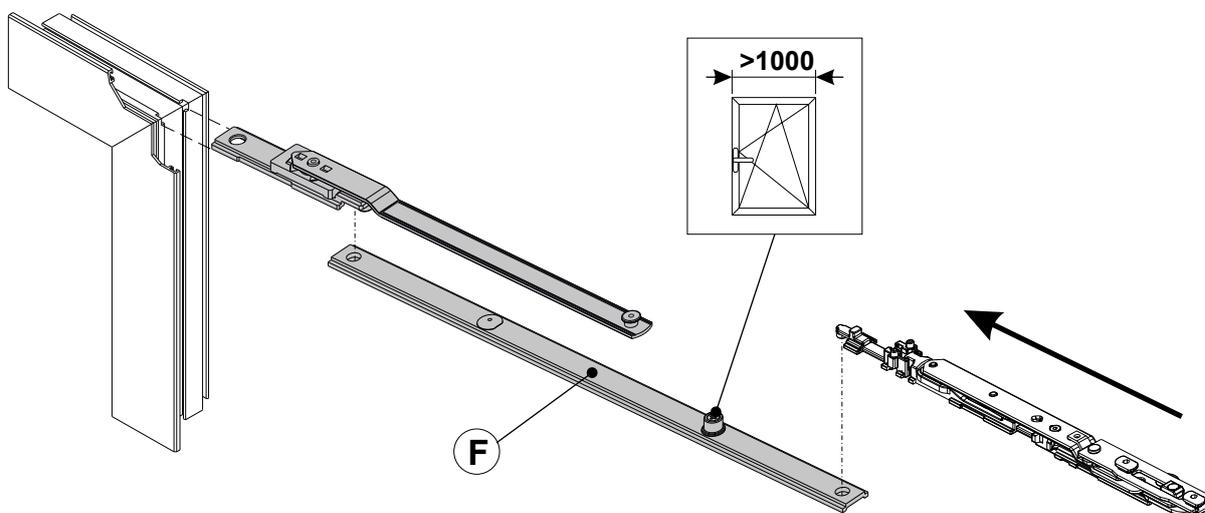
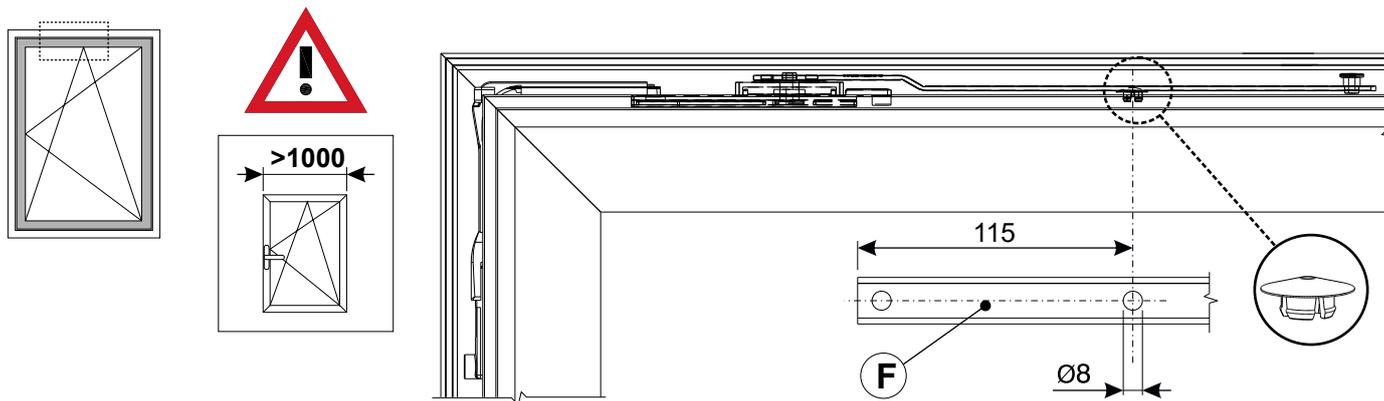
Microventilation

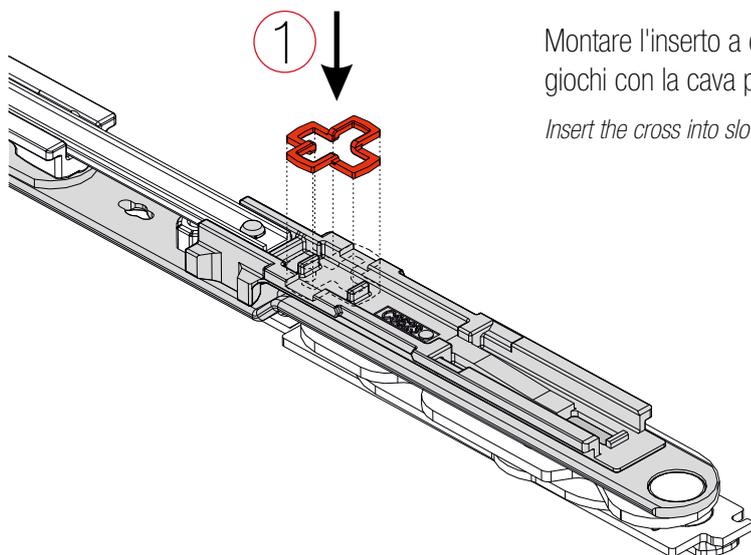
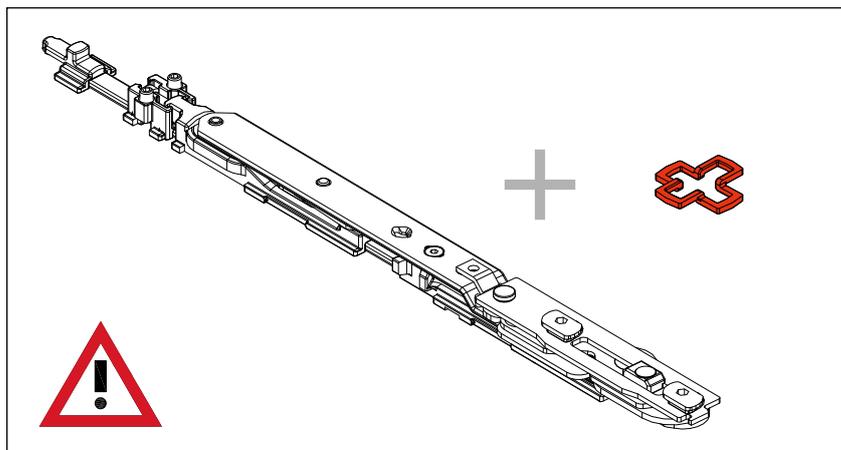
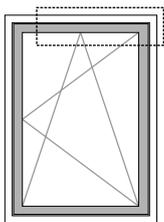
ANTA A RIBALTA

Tilt & Turn window

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

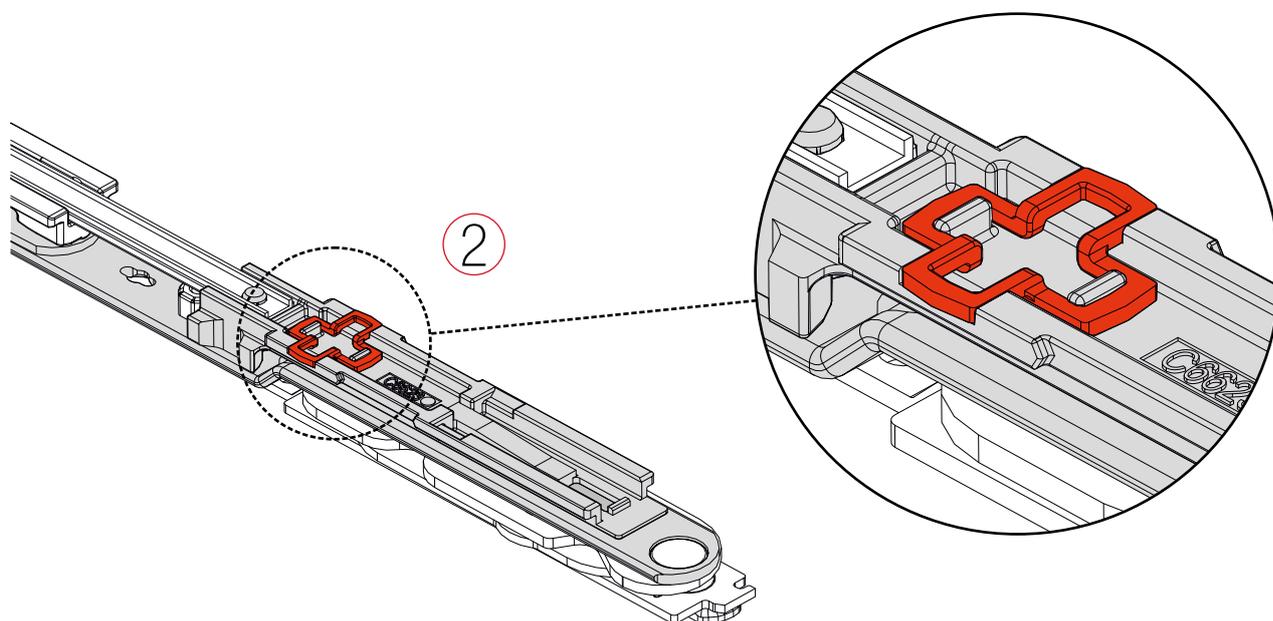
Usage additional arm ACP 5153 for >1000mm

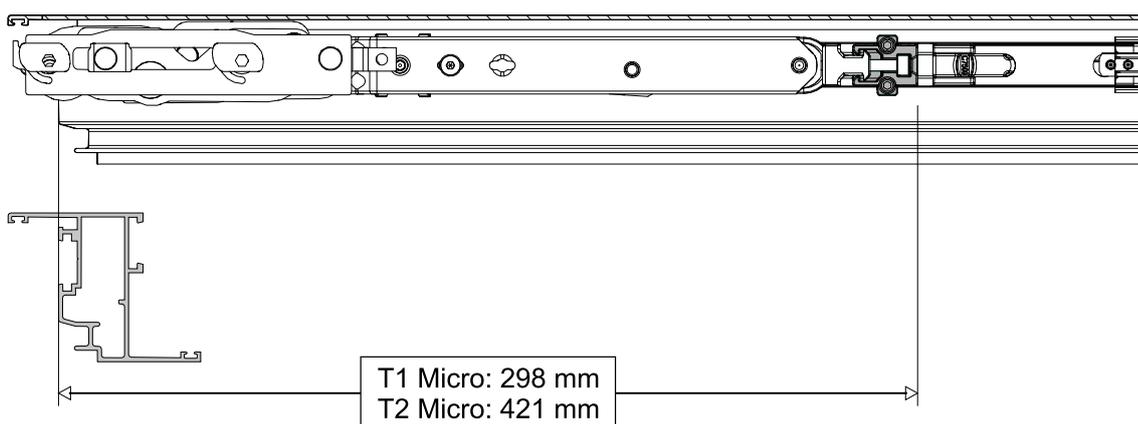
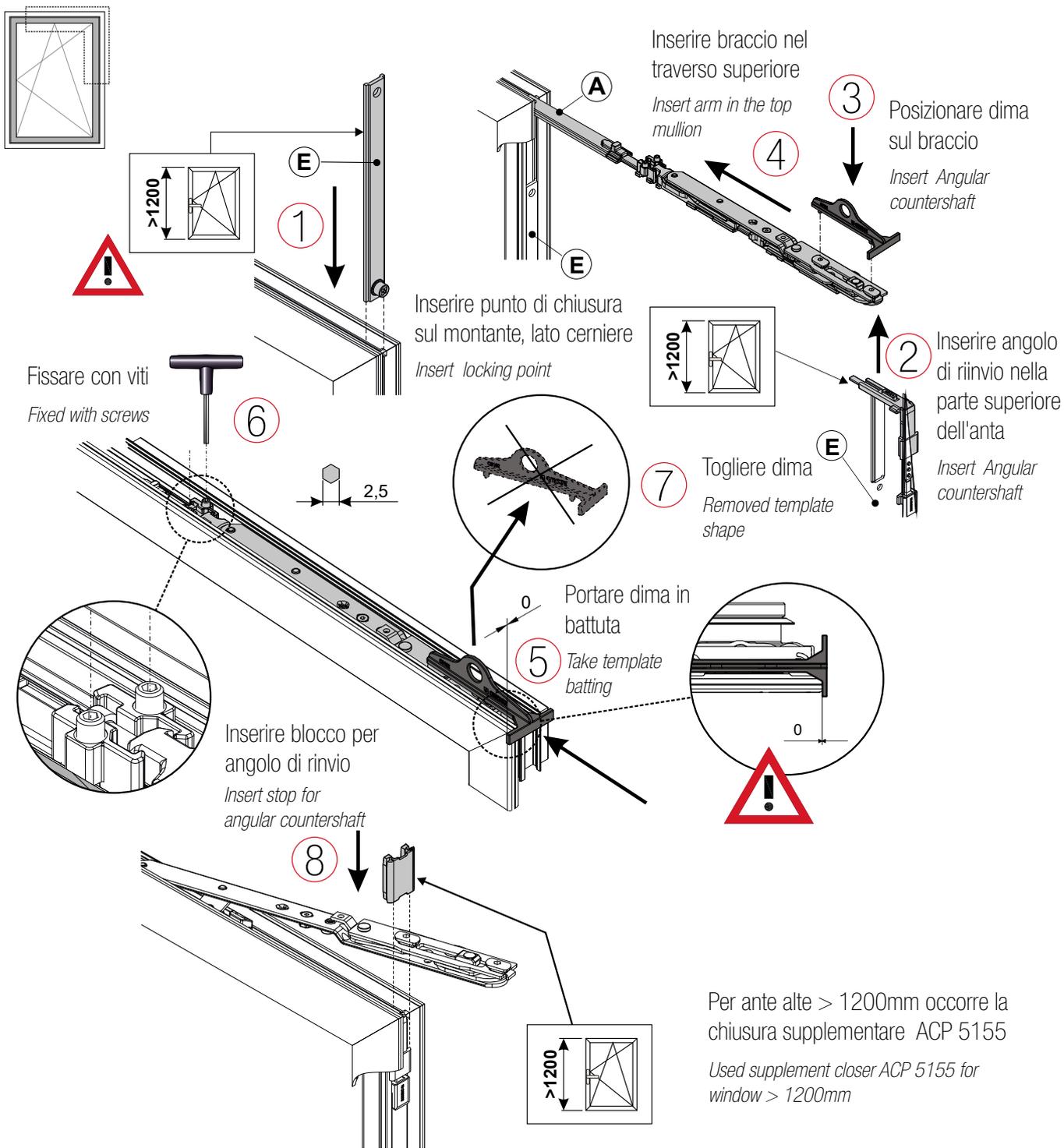




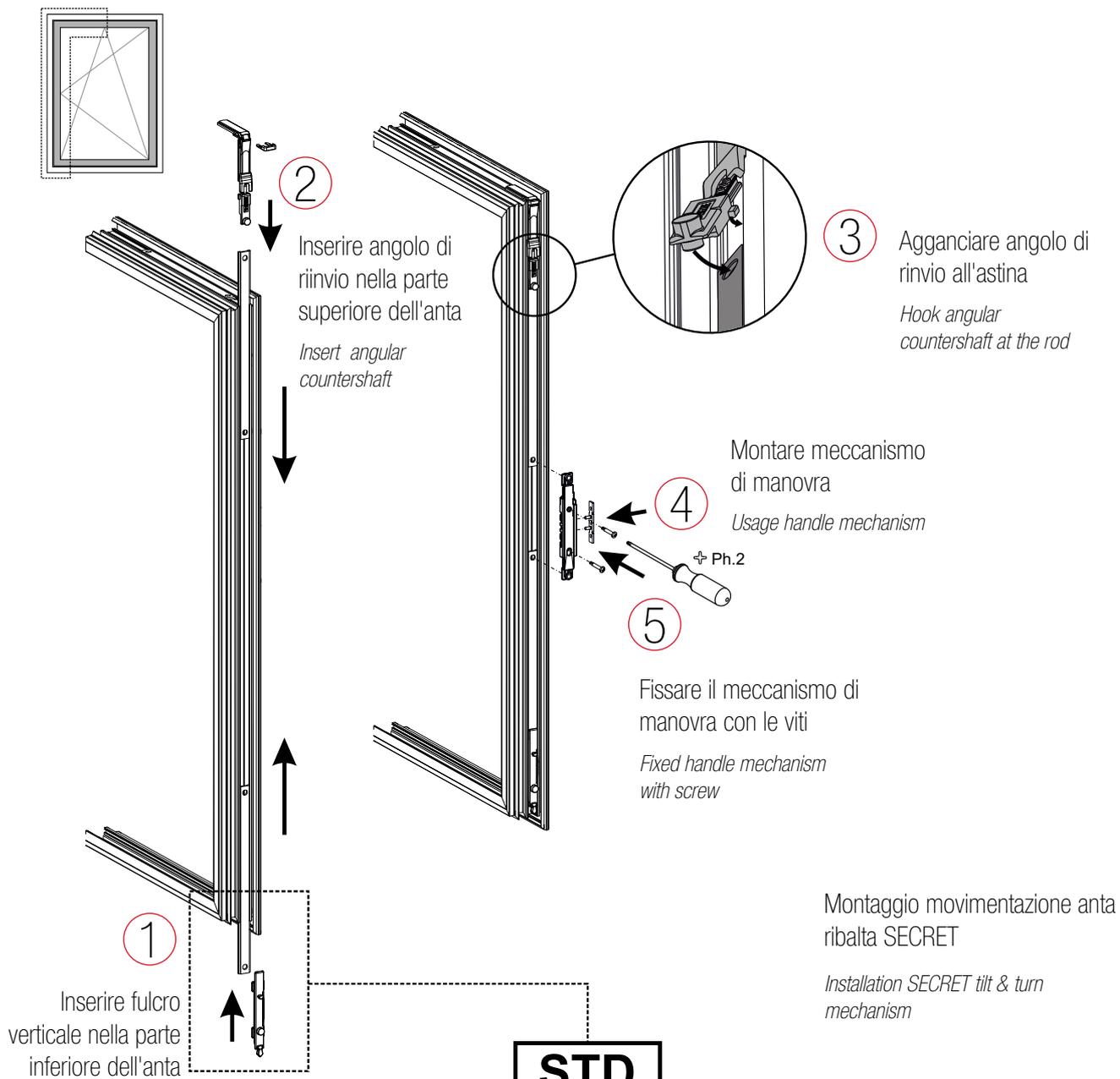
Montare l'inserto a croce prima di inserire il braccio per eliminare i giochi con la cava profilo

Insert the cross into slot profile

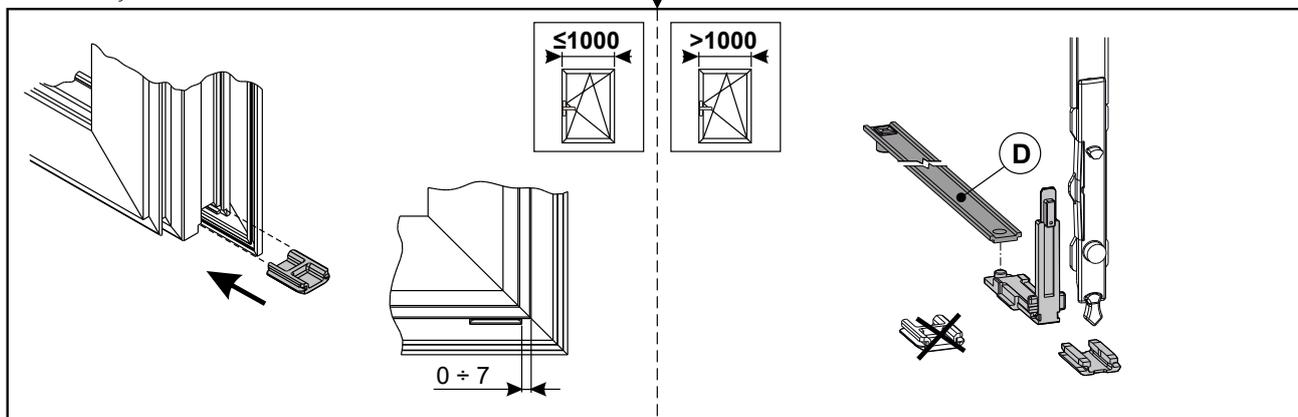


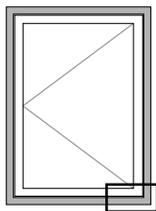


STD = Manovra standard

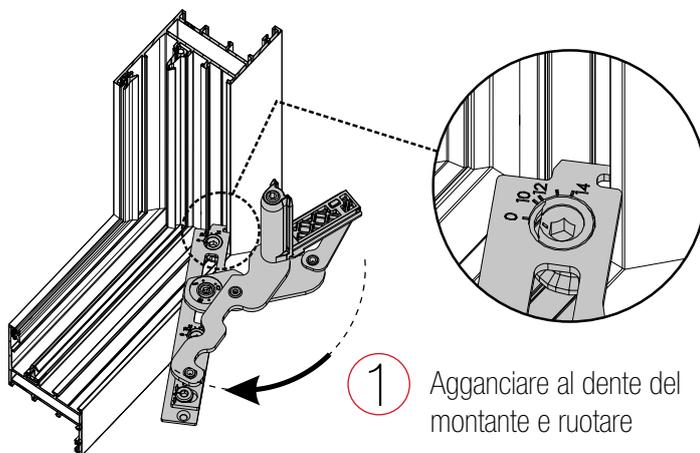


STD

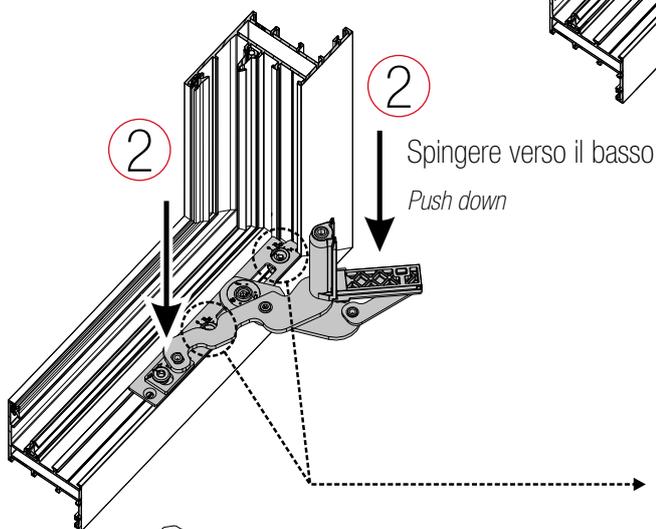




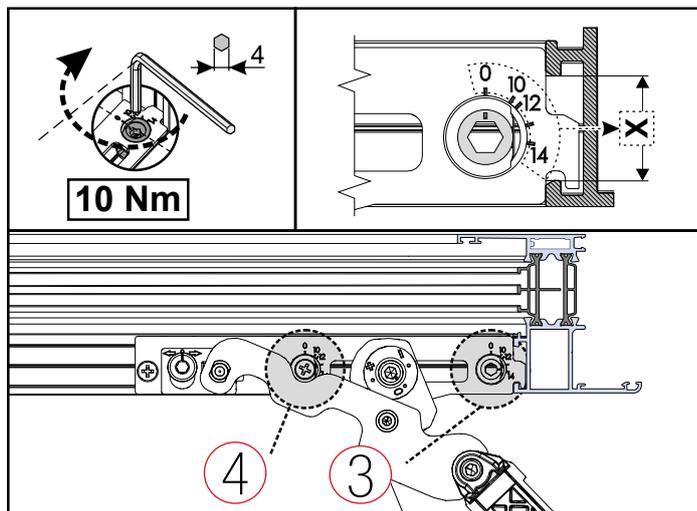
Montaggio cerniera SECRET
Installation SECRET hinge



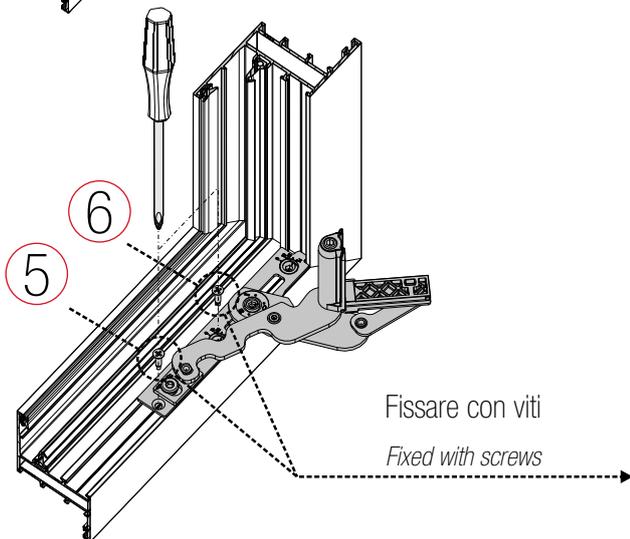
1 Agganciare al dente del montante e ruotare
Hook the hinge to the mullion



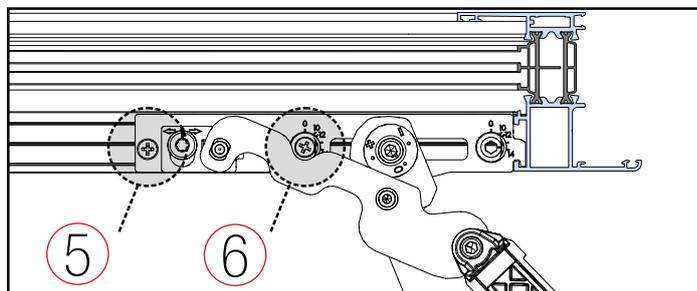
2 Spingere verso il basso
Push down



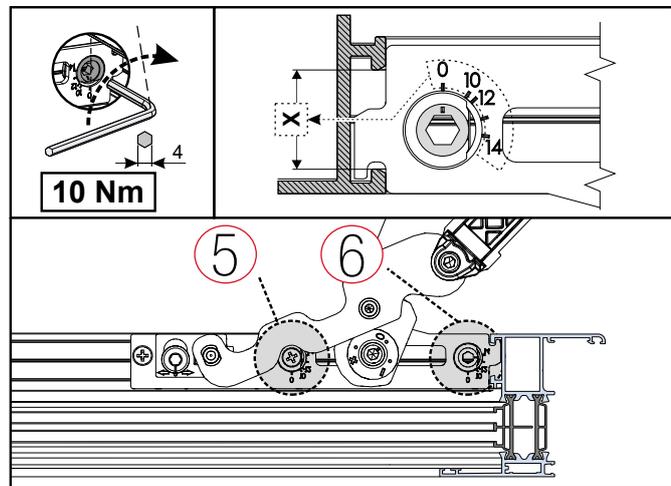
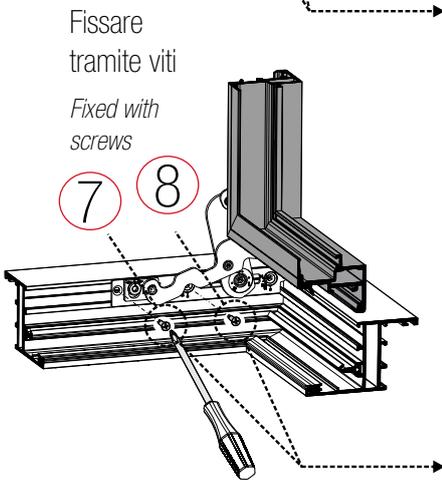
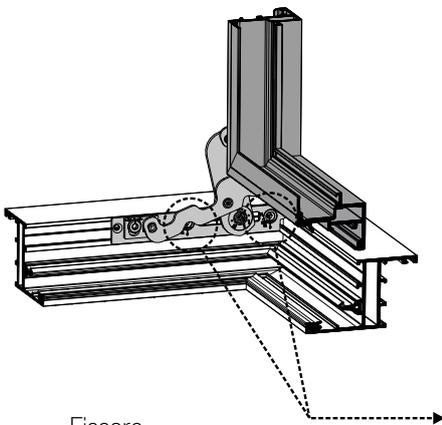
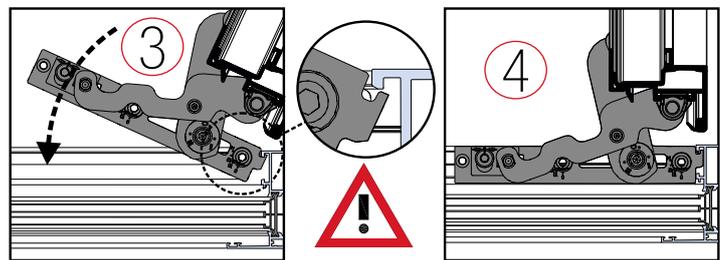
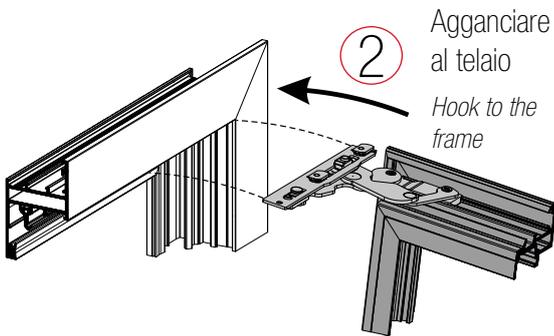
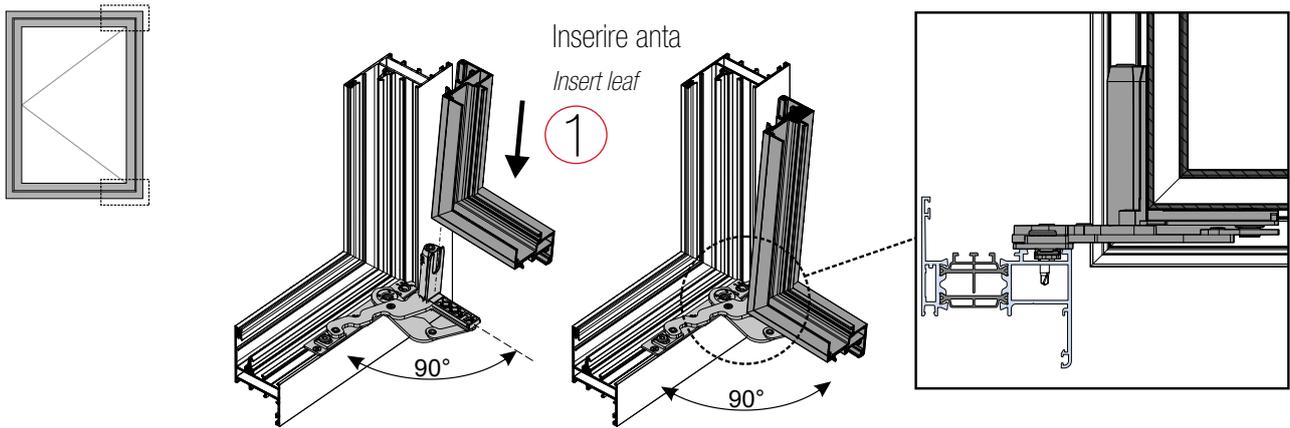
Girare Cam
Screwed Cam



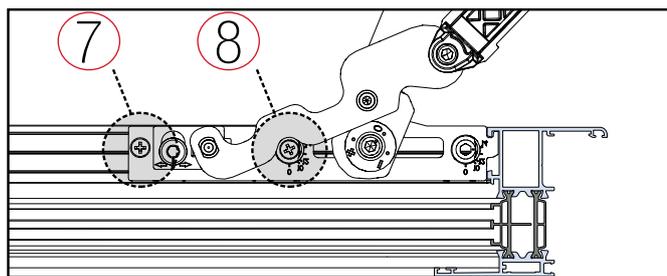
Fissare con viti
Fixed with screws



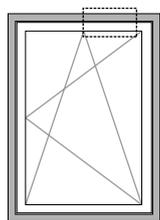
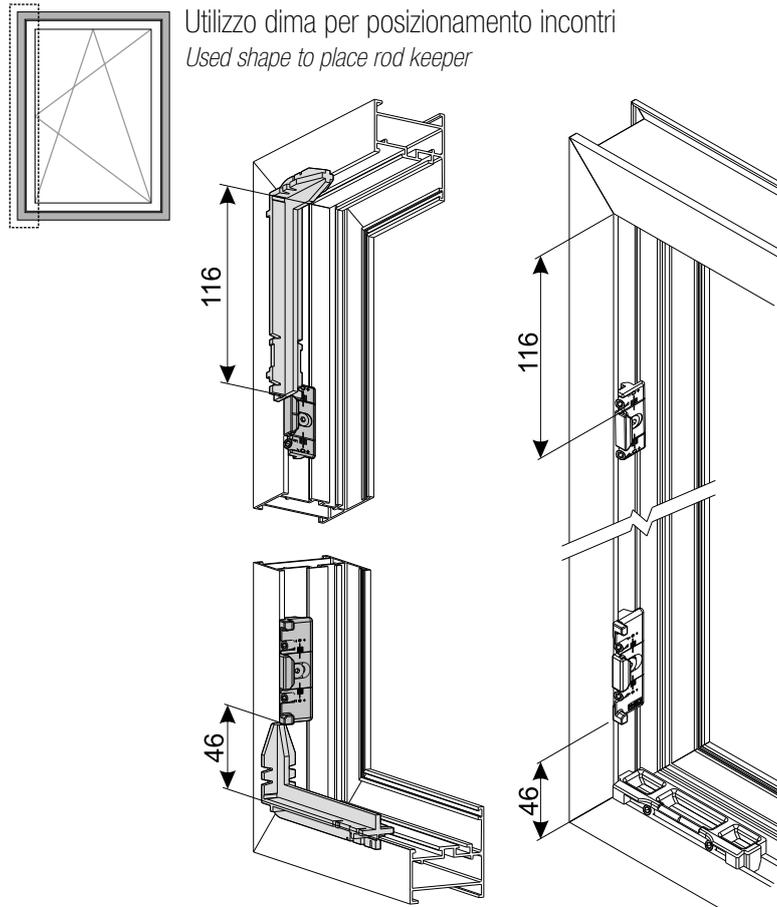
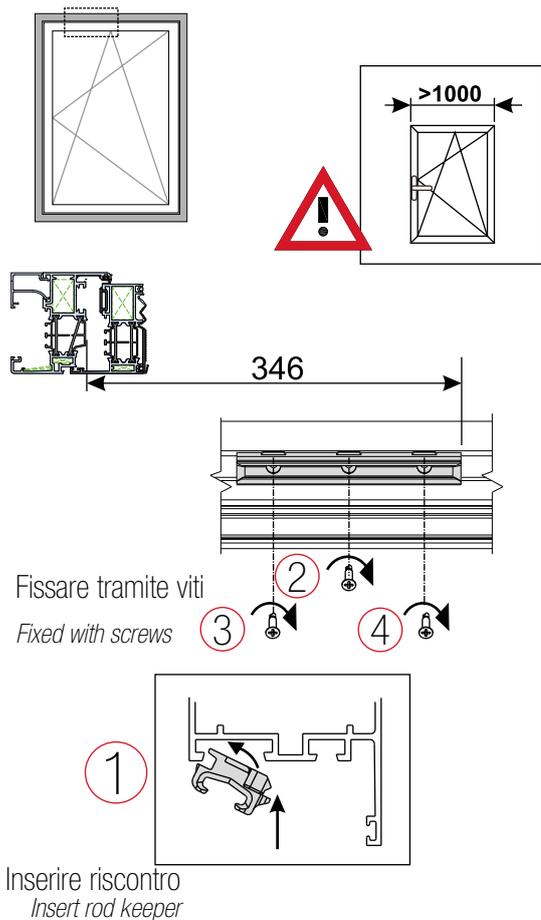
Stringere le viti
Tighten screws



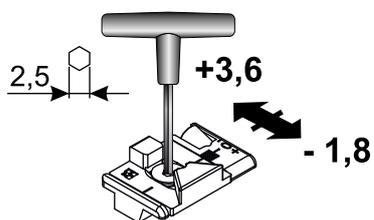
Girare Cam
Screwed Cam



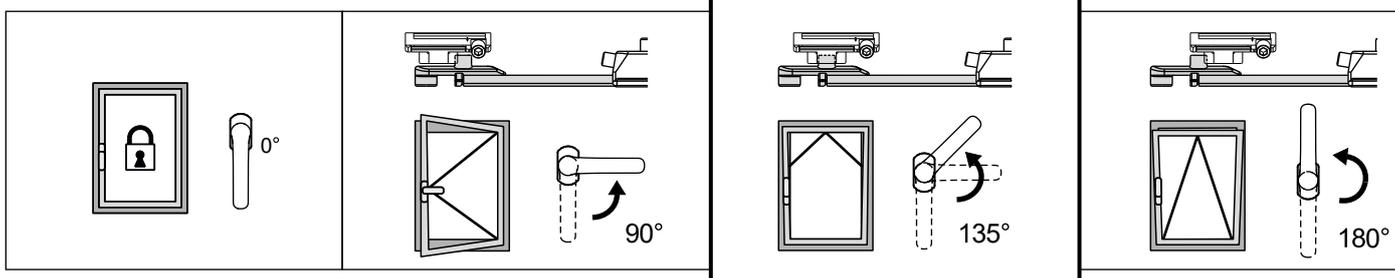
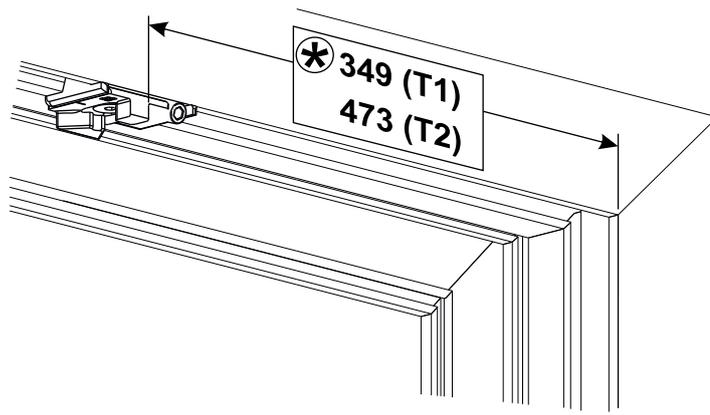
Stringere le viti
Tighten screws

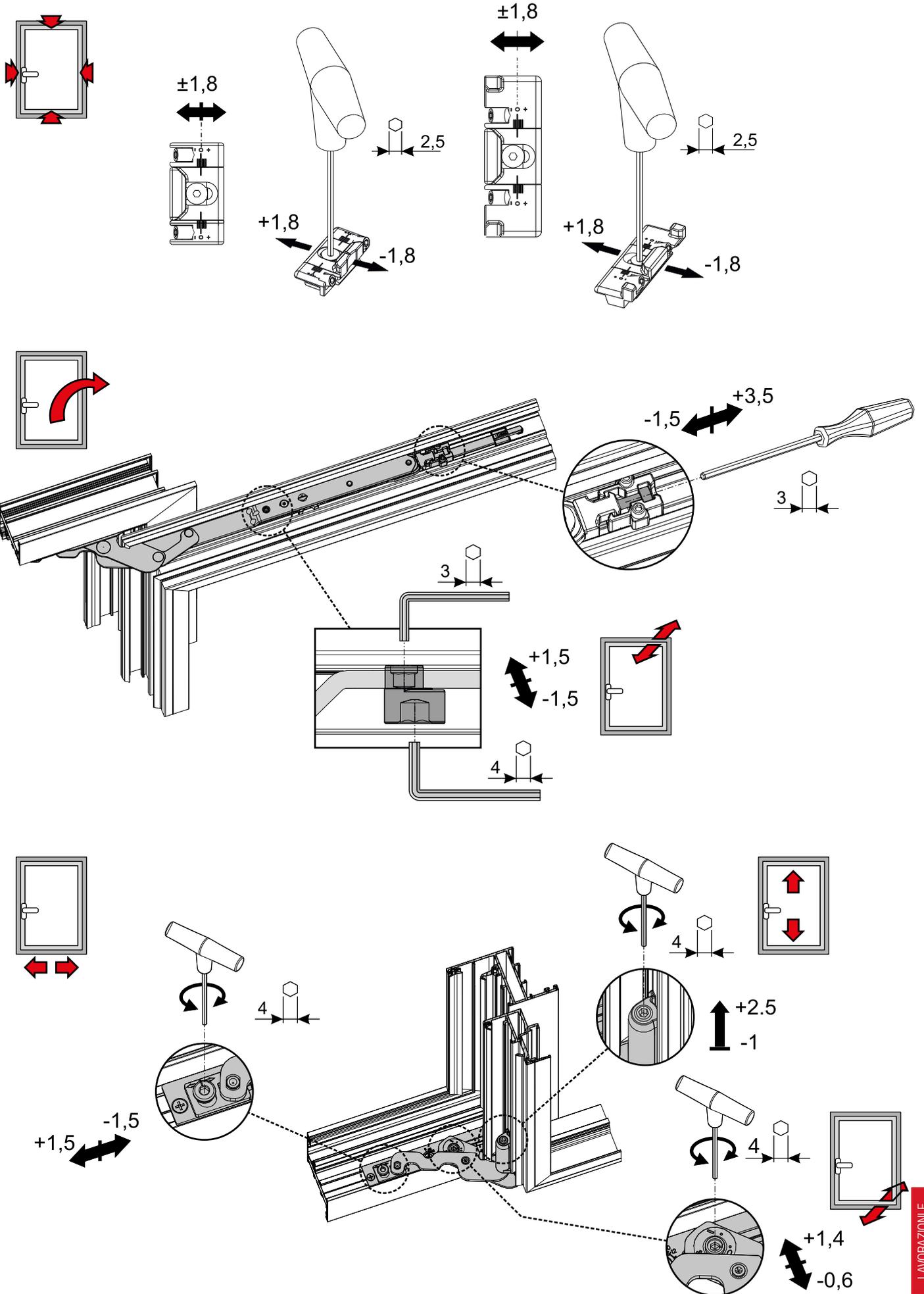


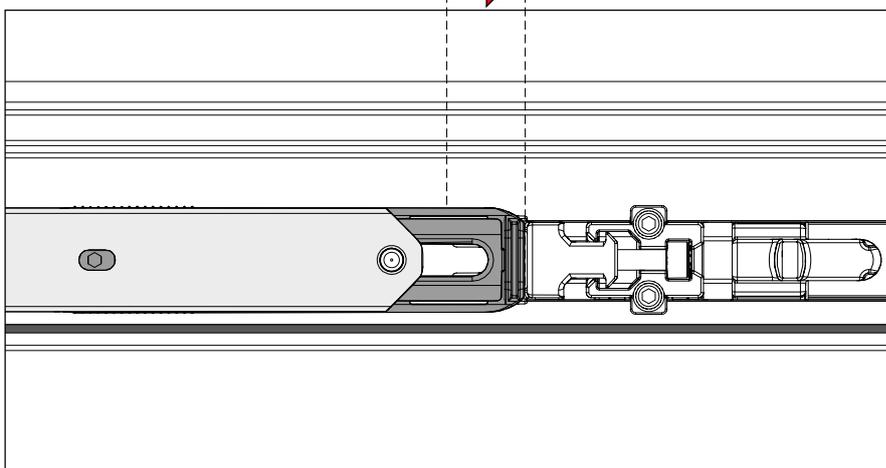
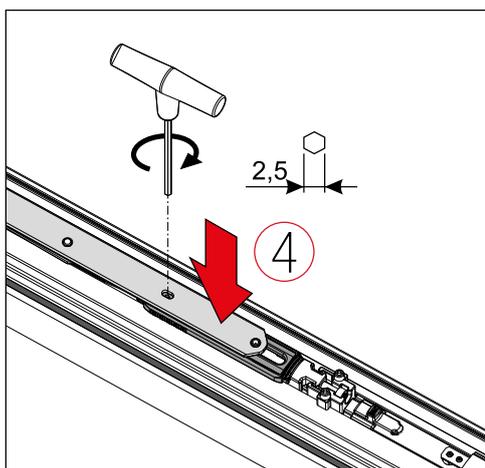
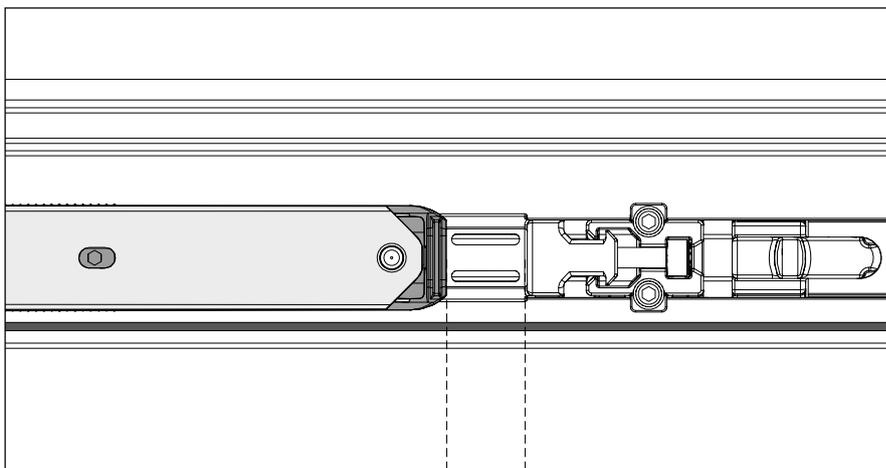
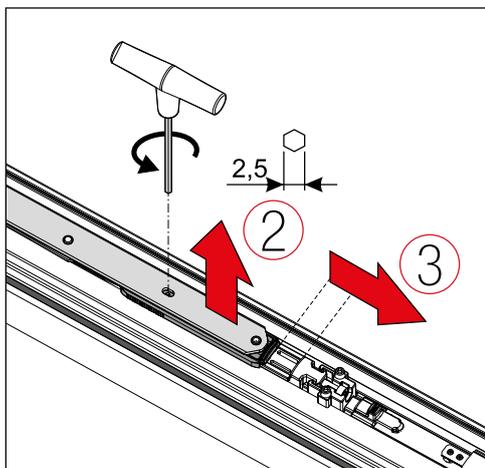
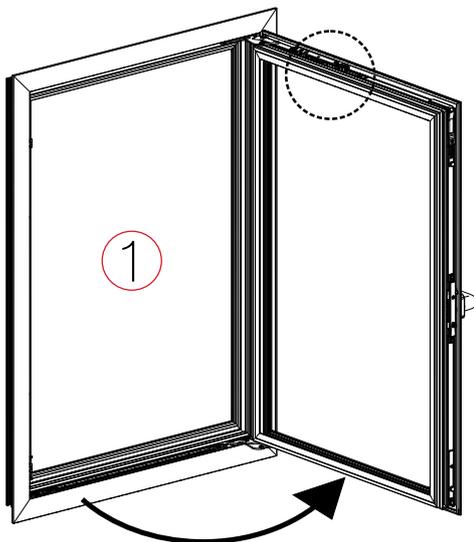
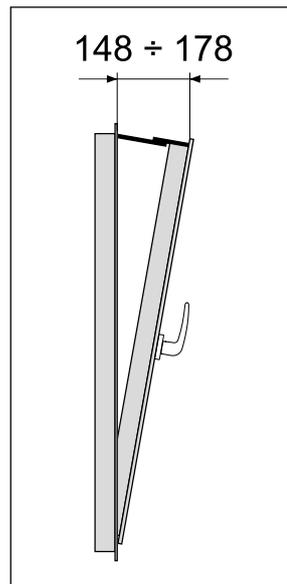
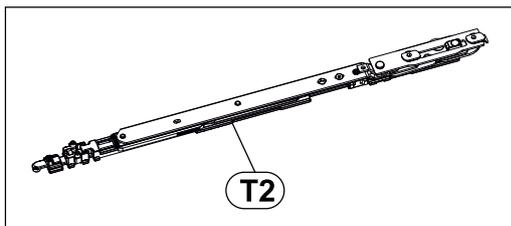
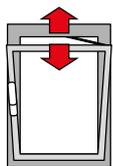
Posizionare riscontro per microventilazione
Placed microventilation rod keeper



Fissare microventilazione
Fixing microventilation rod keeper







64

Montaggio anta ribalta Standard Line

Standard Line tilt and turn mechanism assembly

Dimensioni e portate realizzabili

Possible dimensions and capacities

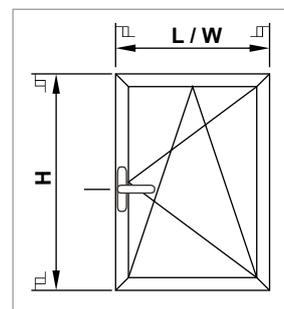
ATTENZIONE: Le portate e il perfetto funzionamento dell'accessorio vengono garantiti solo se non vi sono impedimenti nella movimentazione dell'anta che forzino in modo anomalo le cerniere (ad esempio spallature, tappi od altri elementi di arresto). In questo caso è obbligatorio l'utilizzo di un braccio limitatore ACP 5165.

CAUTION: 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). In such cases, you MUST use a ACP 5165 limiter arm.

Spessore massimo del vetro impieghabile (senza camera d'aria) (mm)

Maximum possible thickness of glass (without air space) (mm)

	350	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
3000		35	28	24	21	19	17	15	14	13	12	11	11	10	
2900		35	29	25	22	20	18	16	15	14	13	12	11	10	10
2800		36	30	26	23	20	18	17	15	14	13	12	11	11	10
2700		38	31	27	24	21	19	17	16	15	13	13	12	11	10
2600		39	33	28	25	22	20	18	16	15	14	13	12	12	11
2500		44	37	31	27	24	22	20	18	17	16	15	14	13	11
2400		46	38	33	29	25	23	21	19	18	16	15	14	13	12
2300		48	40	34	30	27	24	22	20	18	17	16	15	14	12
2200		50	42	36	31	28	25	23	21	19	18	17	16	15	13
2100		50	44	37	33	29	26	24	22	20	19	17	16	15	13
2000		50	46	39	34	31	27	25	23	21	20	18	17	16	14
1900		50	48	41	36	32	29	26	24	22	21	19	18	16	14
1800		50	50	44	38	34	31	28	25	23	22	20	18	16	14
1700		50	50	46	40	36	32	29	27	25	23	21	18	16	14
1600		50	50	49	43	38	34	31	29	26	24	21	18	16	14
1500		50	50	50	46	41	37	33	31	27	24	21	18	16	14
1400		50	50	50	49	44	39	36	32	27	24	21	18	16	
1300		50	50	50	50	47	42	38	32	27	24	21	18		
1200		50	50	50	50	50	46	38	32	27	24	21			
1100		50	50	50	50	50	46	38	32	27	24				
1000		50	50	50	50	50	46	38	32	27					
900		50	50	50	50	50	46	38	32						
800		50	50	50	50	50	46	38							
700		50	50	50	50	50	46	38							
600		50	50	50	50	50	46								



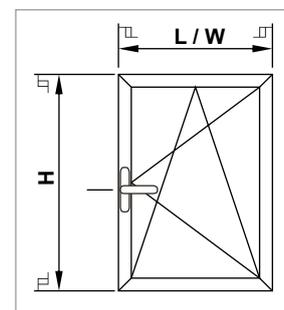
Non realizzabile
Not possible

L / W Larghezza anta (mm)
Wing width (mm)

Peso massimo dell'anta (alluminio e vetro)

Maximum wing weight (aluminium and glass)

	350	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
3000		130	130	130	130	130	130	130	130	130	130	130	130	130	
2900		130	130	130	130	130	130	130	130	130	130	130	130	130	130
2800		130	130	130	130	130	130	130	130	130	130	130	130	130	130
2700		130	130	130	130	130	130	130	130	130	130	130	130	130	130
2600		130	130	130	130	130	130	130	130	130	130	130	130	130	130
2500		140	140	140	140	140	140	140	140	140	140	140	140	140	130
2400		140	140	140	140	140	140	140	140	140	140	140	140	140	130
2300		140	140	140	140	140	140	140	140	140	140	140	140	140	130
2200		140	140	140	140	140	140	140	140	140	140	140	140	140	130
2100		140	140	140	140	140	140	140	140	140	140	140	140	140	130
2000		140	140	140	140	140	140	140	140	140	140	140	140	139	125
1900		140	140	140	140	140	140	140	140	140	140	140	140	132	118
1800		140	140	140	140	140	140	140	140	140	140	140	133	125	112
1700		140	140	140	140	140	140	140	140	140	140	134	126	118	118
1600		140	140	140	140	140	140	140	140	140	135	126	118	111	105
1500		140	140	140	140	140	140	140	140	137	127	118	111	104	99
1400		140	140	140	140	140	140	138	127	118	110	103	96		
1300		140	140	140	140	140	140	129	118	109	101	95			
1200		140	140	140	140	140	130	118	108	100	93				
1100		140	140	140	140	140	130	118	108	99	91				
1000		140	140	140	140	131	118	108	99	91					
900		140	140	140	140	133	118	106	97	89					
800		140	140	135	118	105	95	86							
700		140	138	118	104	92	83								
600		140													



Non realizzabile
Not possible

L / W Larghezza anta (mm)
Wing width (mm)

ATTENZIONE: Lubrificare con prodotti a base di vaselina sia le guide che tutti i meccanismi prima del loro inserimento.

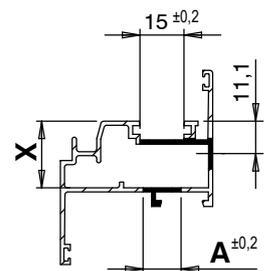
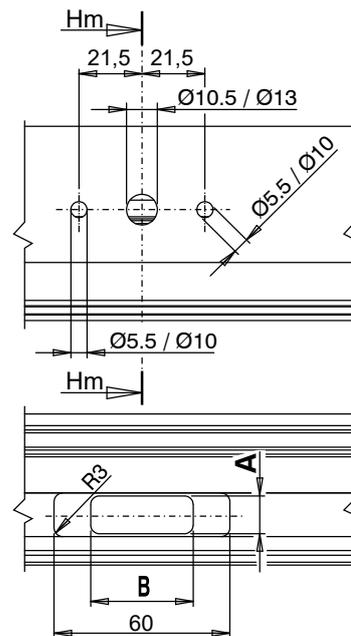
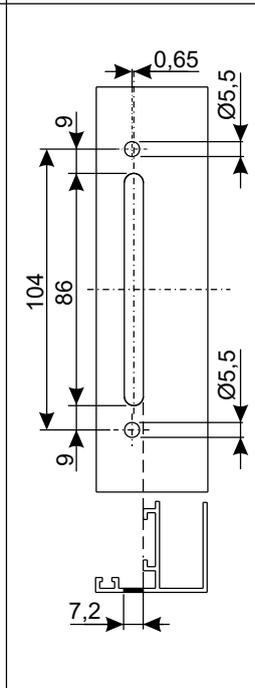
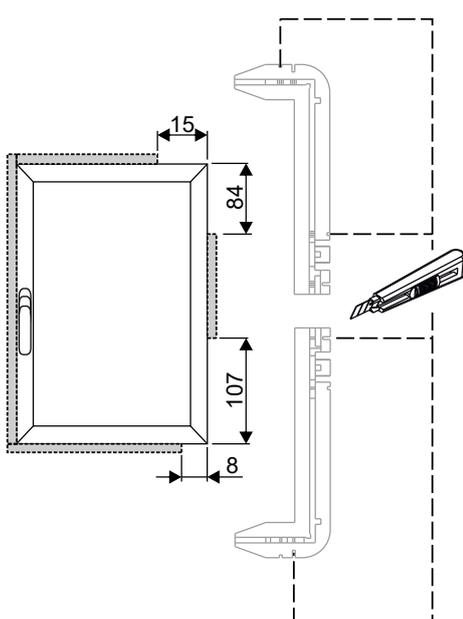
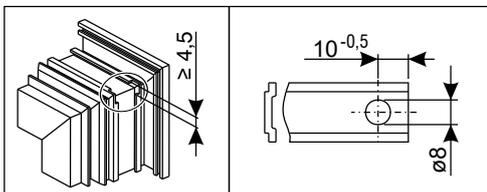
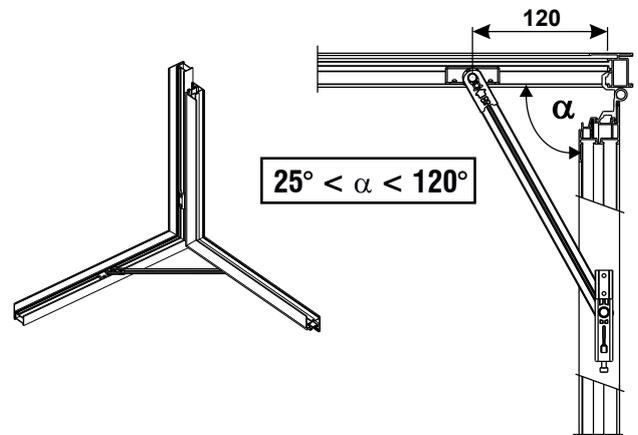
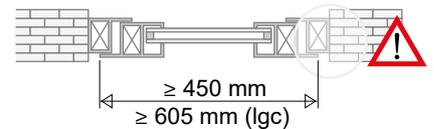
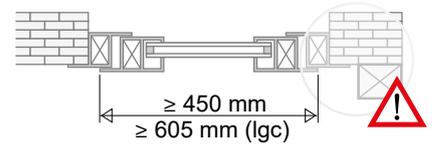
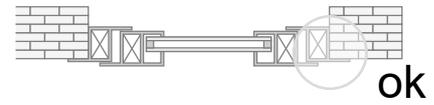
Impiegare astine di collegamento in poliammide o in alternativa in alluminio con trattamento di ossidazione e non di verniciatura.

Eseguire sull'anta mobile le lavorazioni indicate su questo documento. Si garantisce il funzionamento dell'accessorio descritto in queste istruzioni solo se l'infisso è stato installato a regola d'arte, quindi in squadra e senza impedimenti nell'apertura totale (a 180°) dell'anta. Qualora questo non sia possibile è d'obbligo l'utilizzo di elementi limitatori d'apertura.

CAUTION: Use vaseline-based products to lubricate both the guides and all the mechanisms before inserting them.

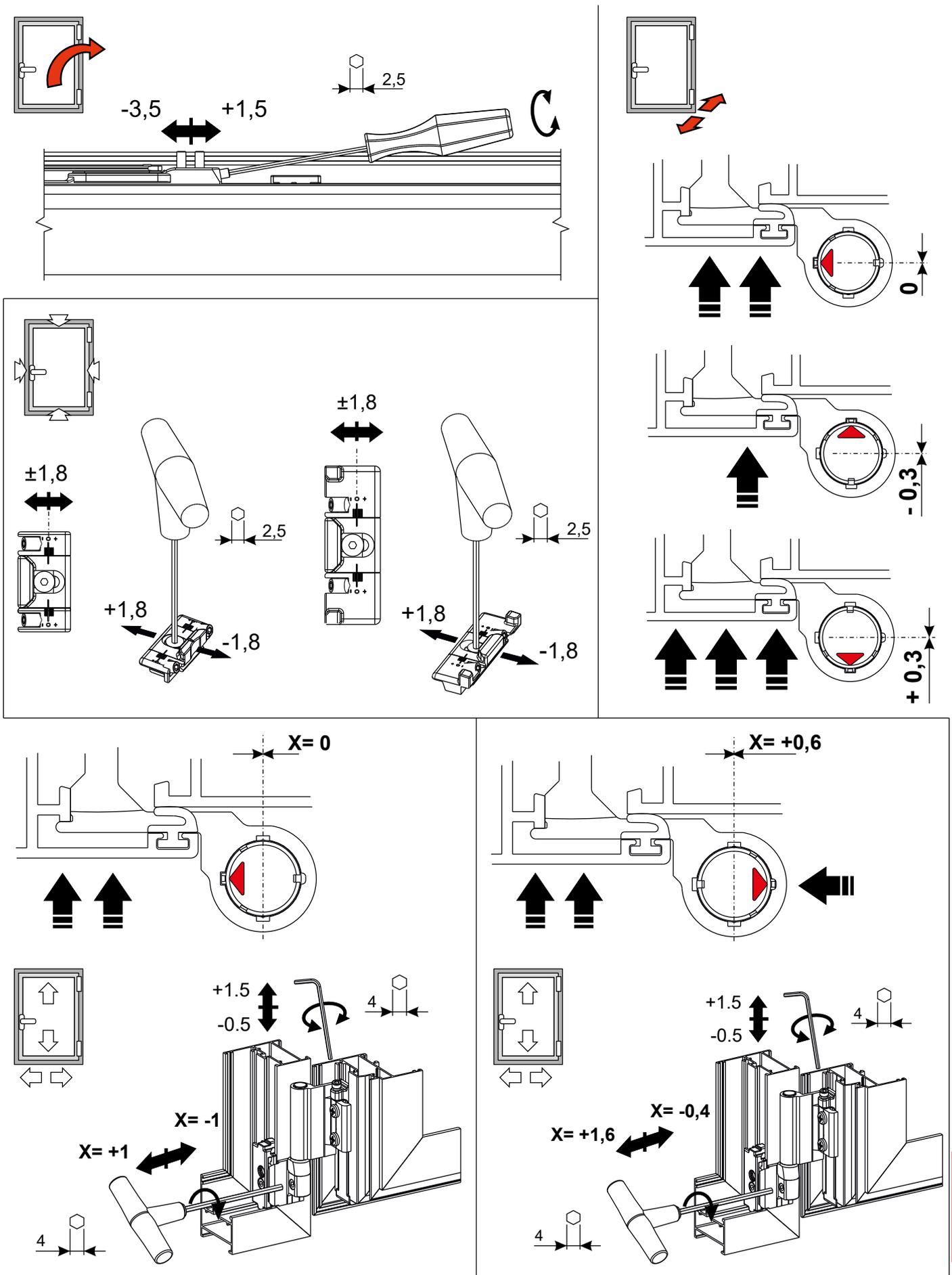
Use polyamide connecting rods or aluminium connecting rods which have been subject to oxidation treatment and not painted.

Carry out all the machining operations on the mobile wing indicated in this document. Correct functioning of the accessory described in these instructions is only guaranteed if the window has been installed correctly, that is, flush and without obstacles preventing total wing opening (at 180°). If this is not possible, you MUST use opening limiter elements.

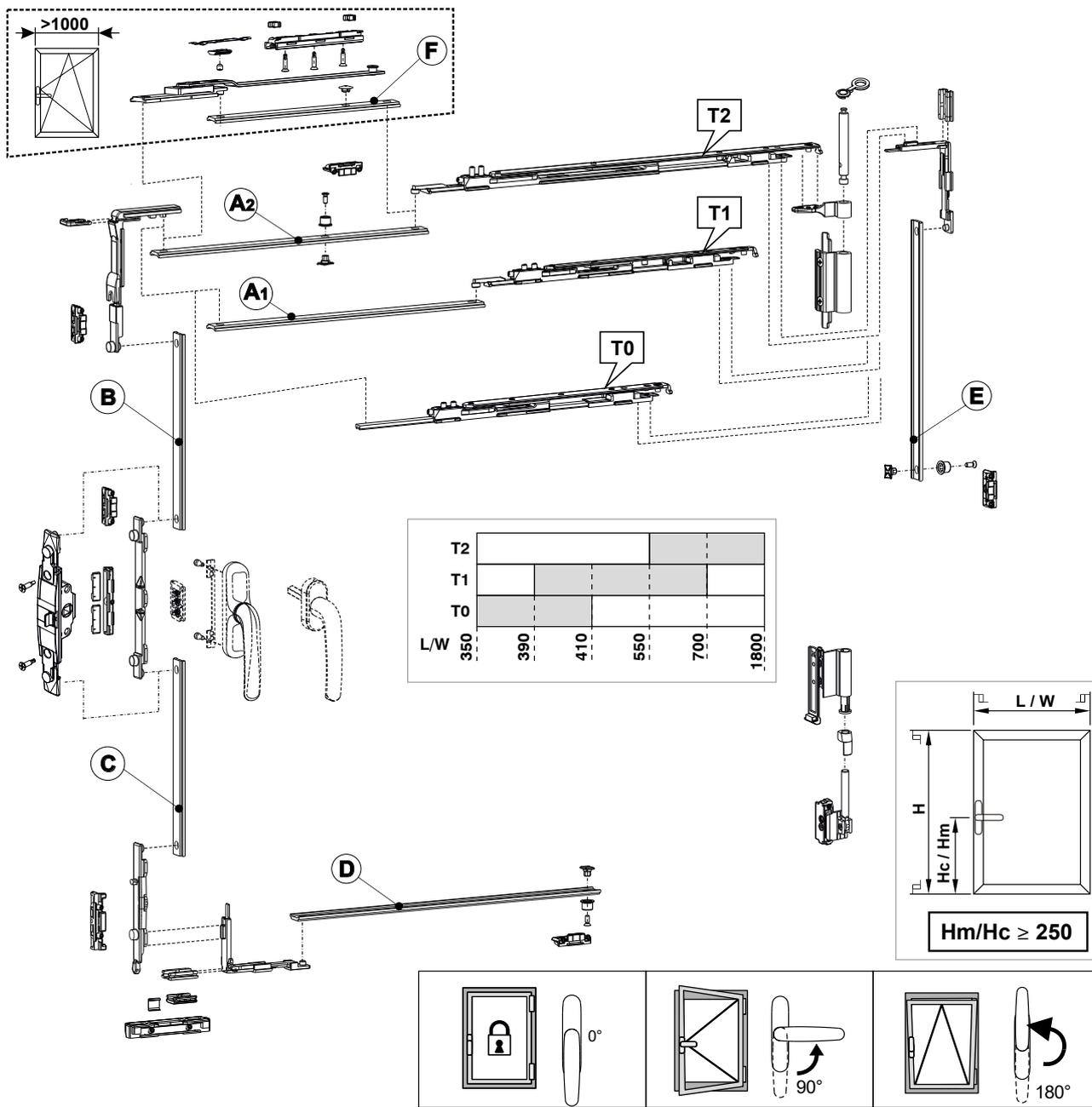


X	A	B
X ≤ 19	15	60
19 < X ≤ 22.5	13	35
X > 22.5	-	-

Regolazioni Adjustments

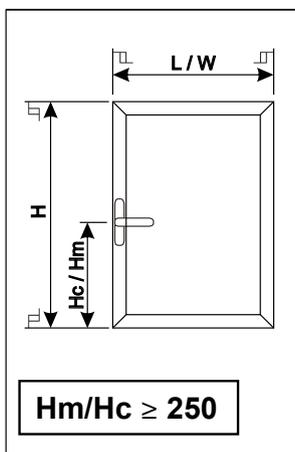
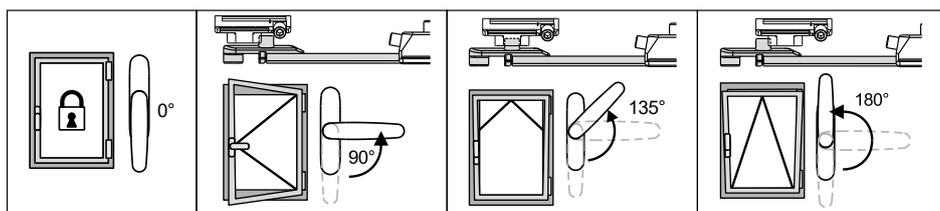
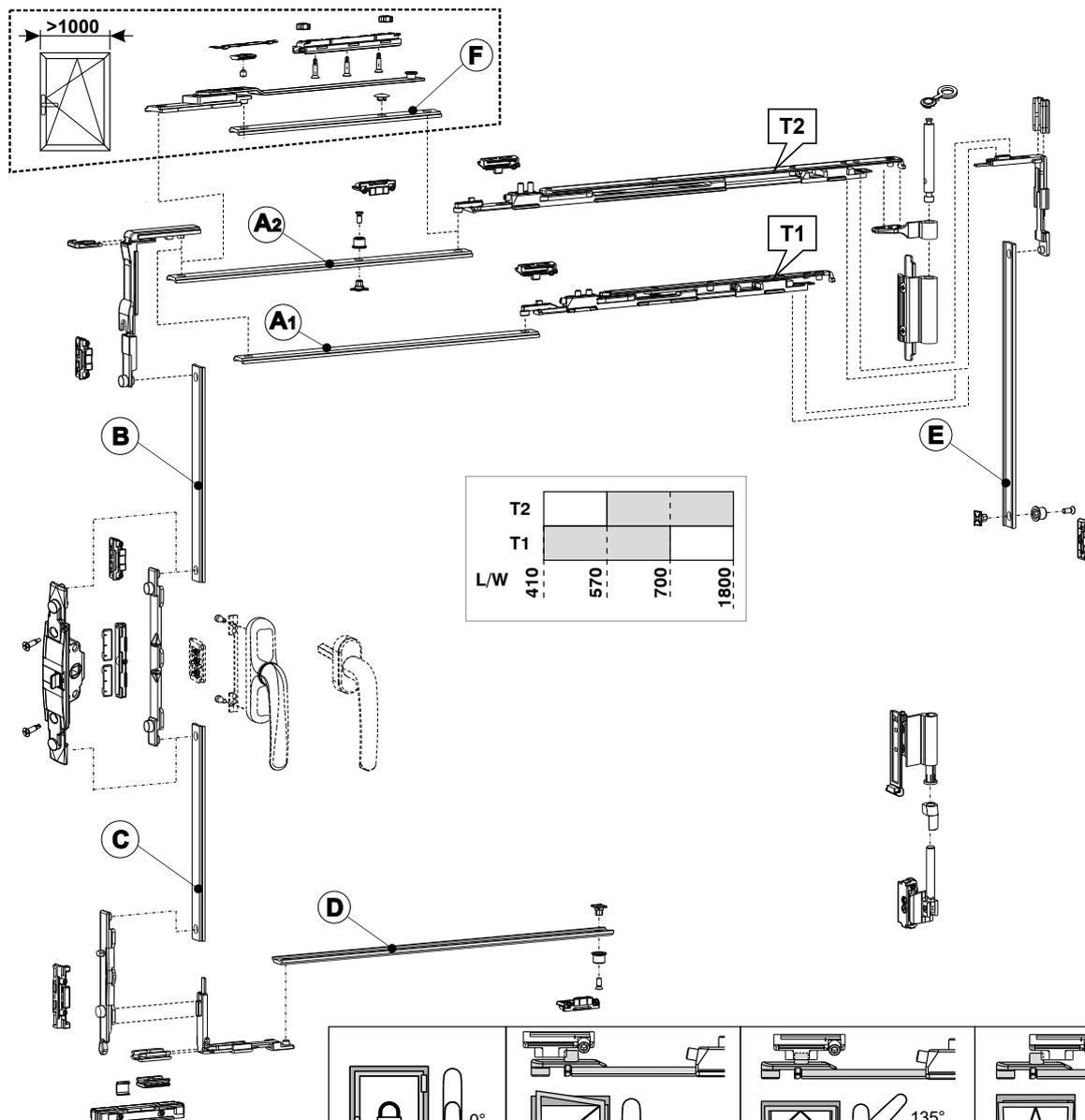


STANDARD

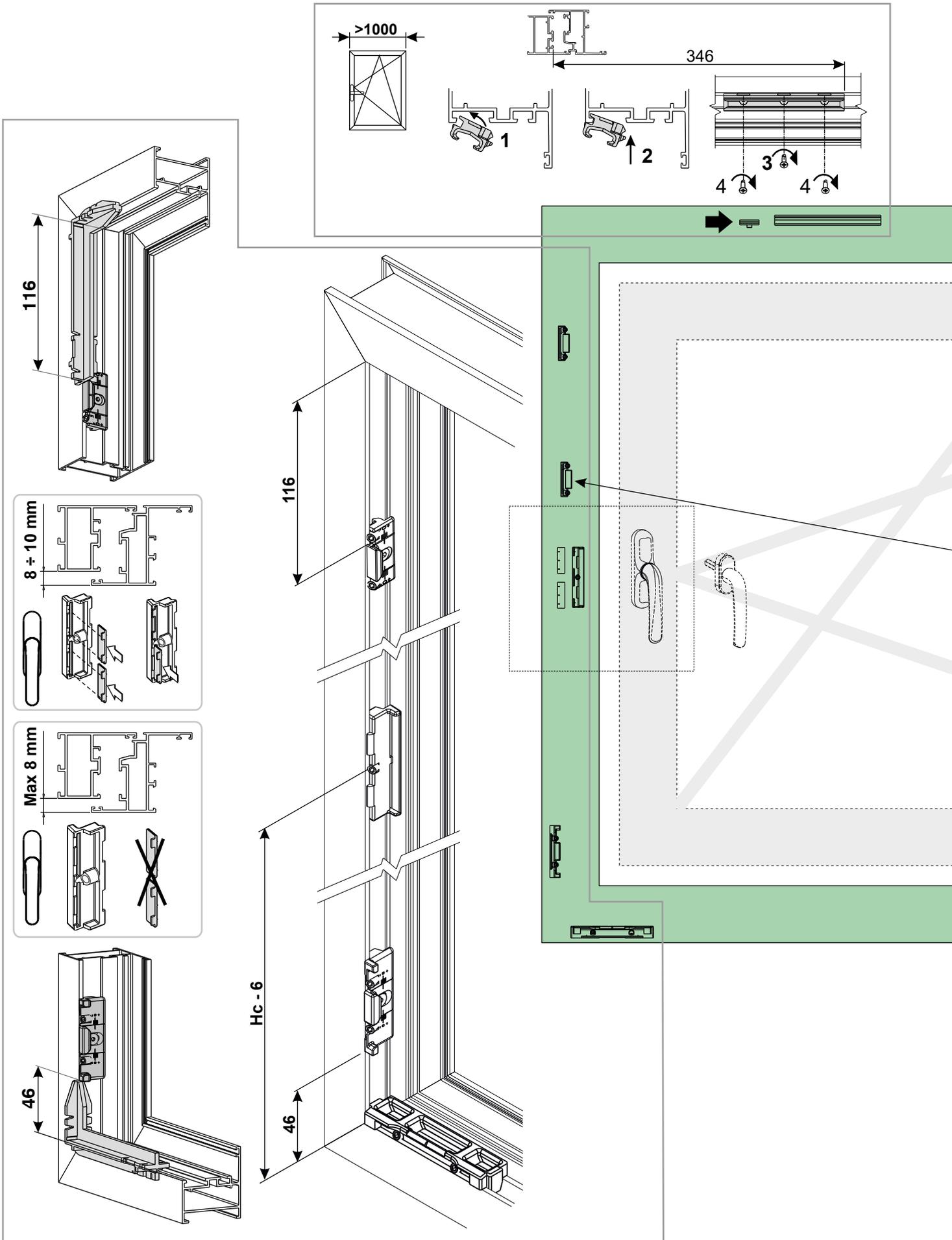


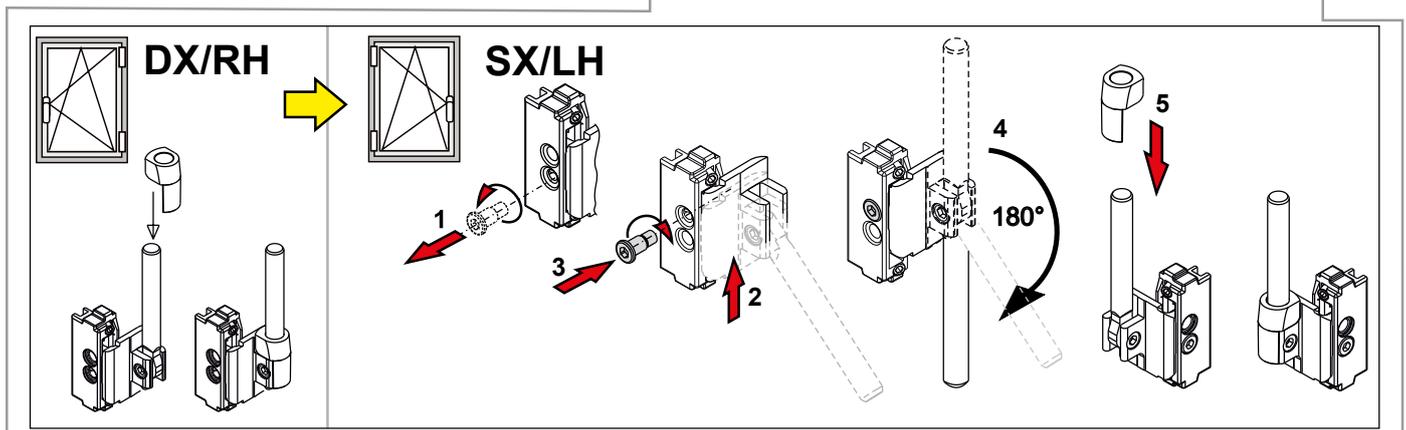
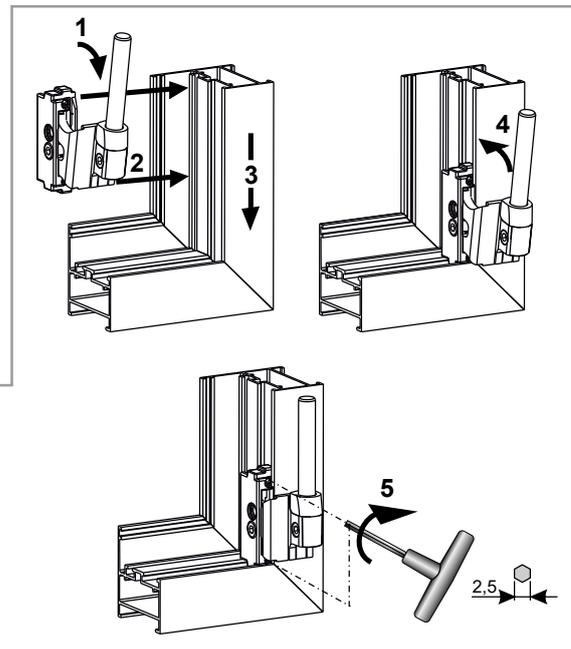
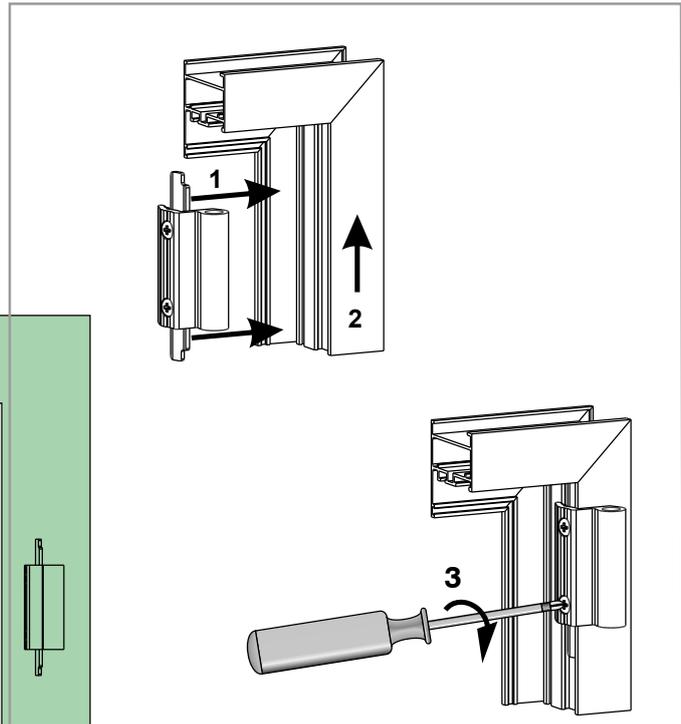
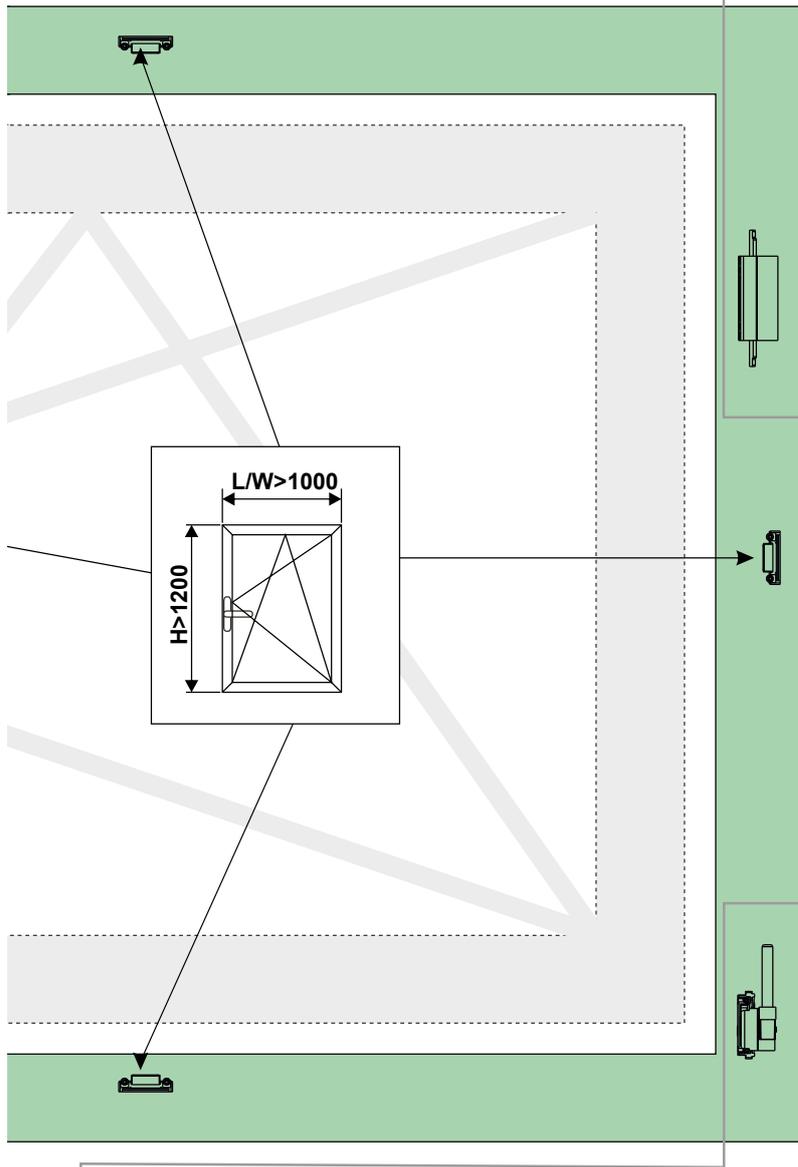
3000	B	E	B=H-Hc-207 C=Hc-207 E=H/2-69	A1	A1=L-355 B=H-Hc-207 C=Hc-207 E=H/2-69	A2	A2=L-510 B=H-Hc-207 C=Hc-207 E=H/2-69	F	F=L-607 B=H-Hc-207 C=Hc-207 D=L/2-69 E=H/2-69			
	C											
1200	B		B=H-Hc-207 C=Hc-207	A1	A1=L-355 B=H-Hc-207 C=Hc-207	A2	A2=L-510 B=H-Hc-207 C=Hc-207	F	F=L-607 B=H-Hc-207 C=Hc-207 D=L/2-69			
600	C											
	350	T0	410	390	T1	700	550	T2	1000	1001	T2	1800

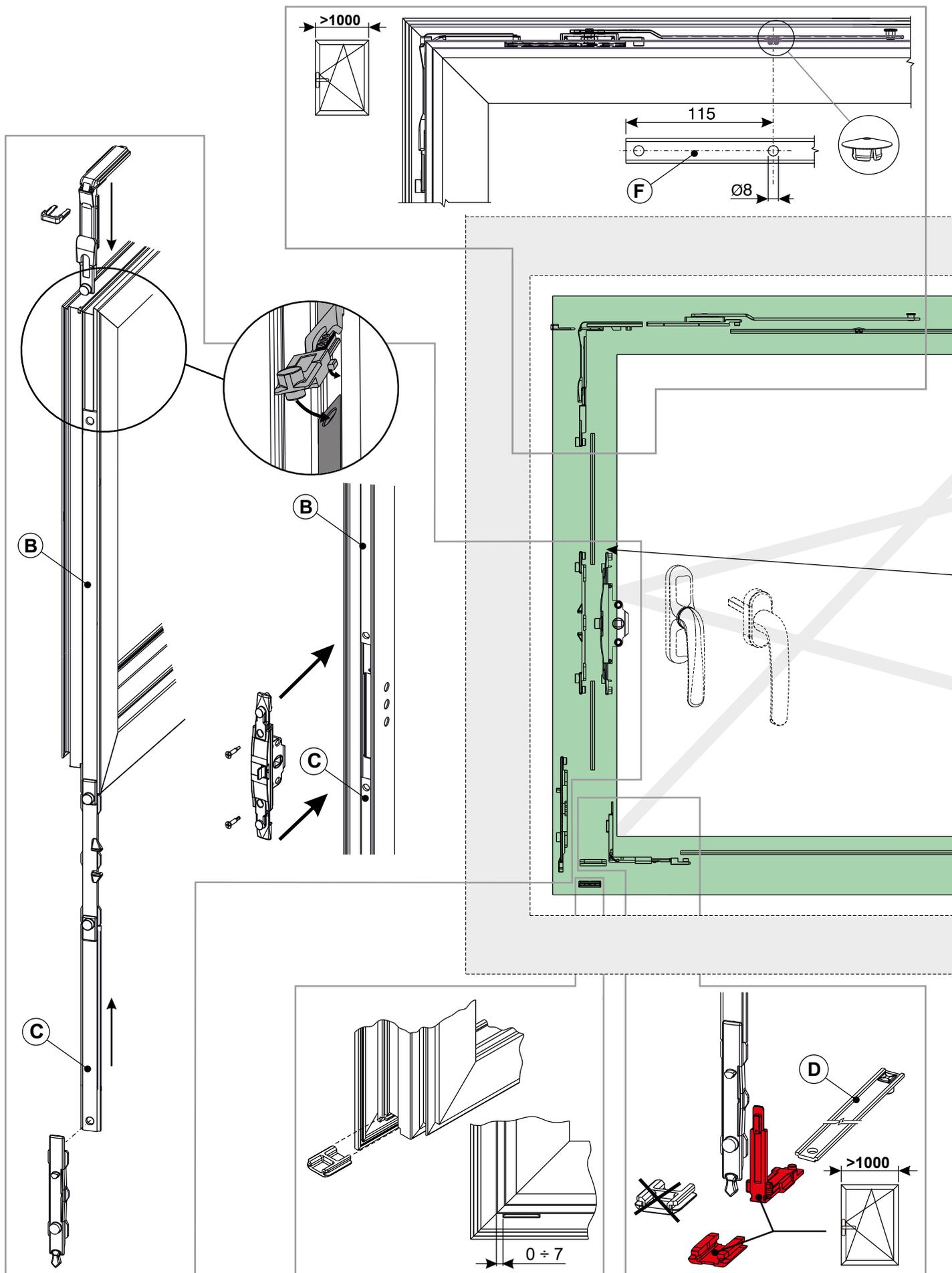
MICRO

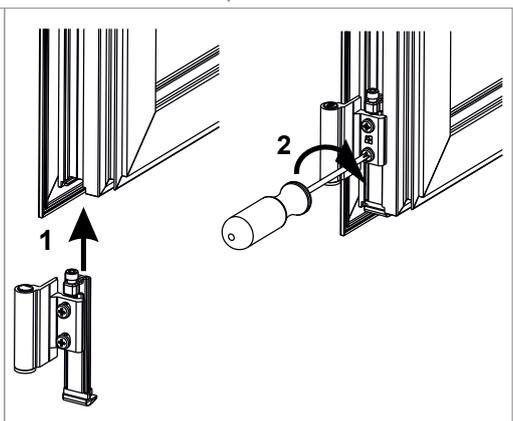
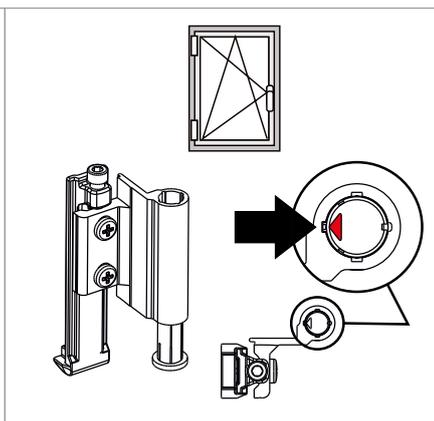
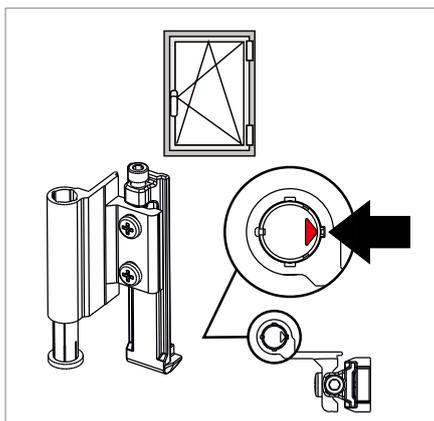
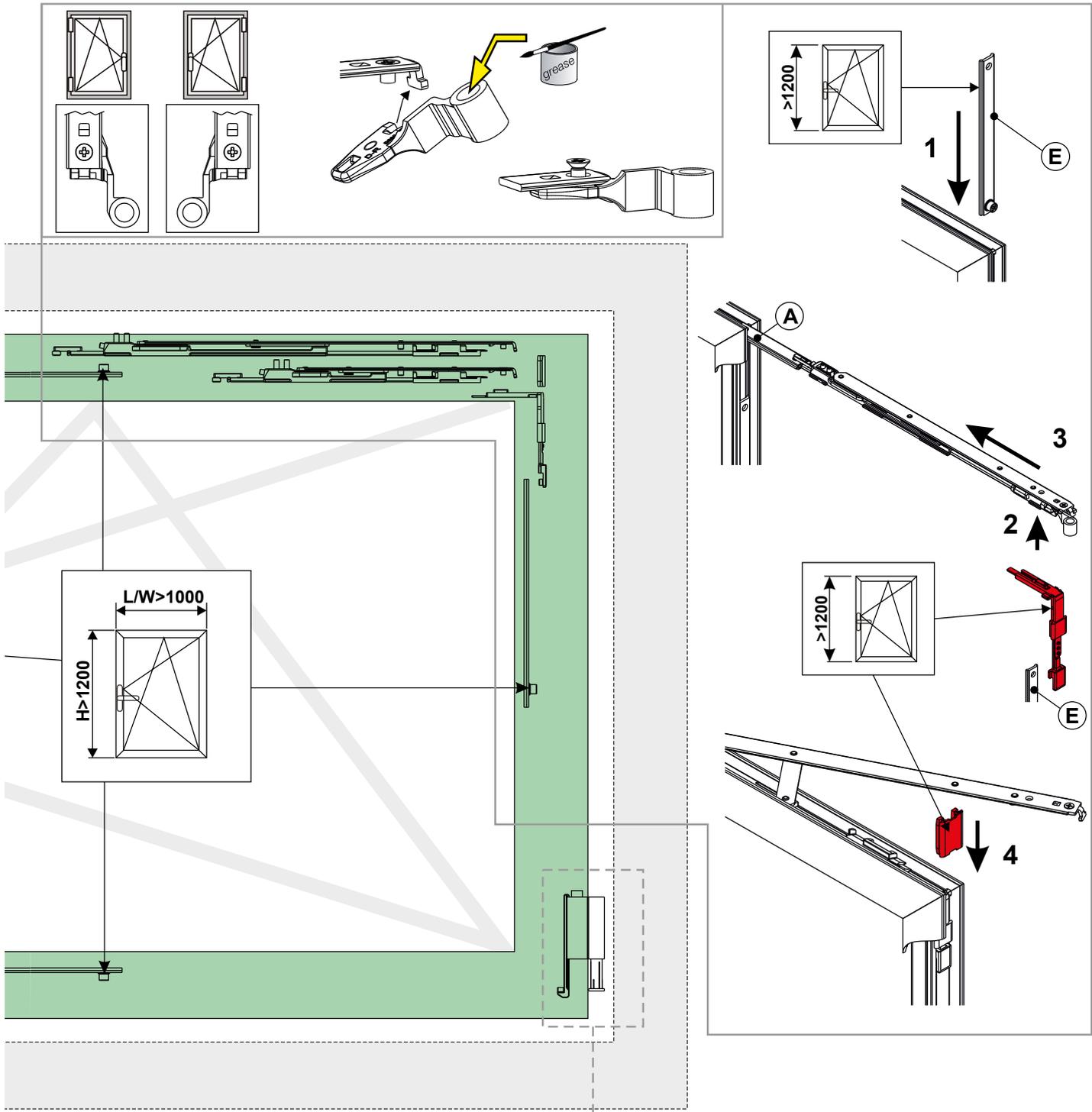


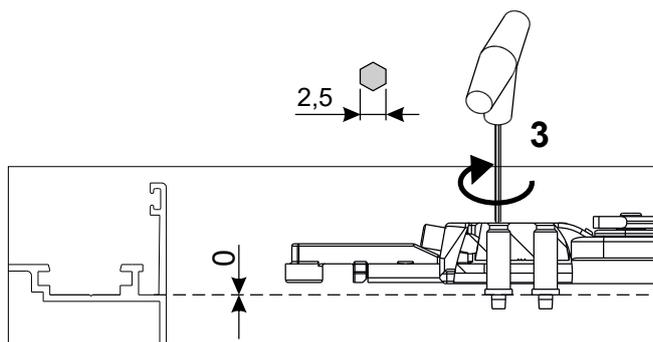
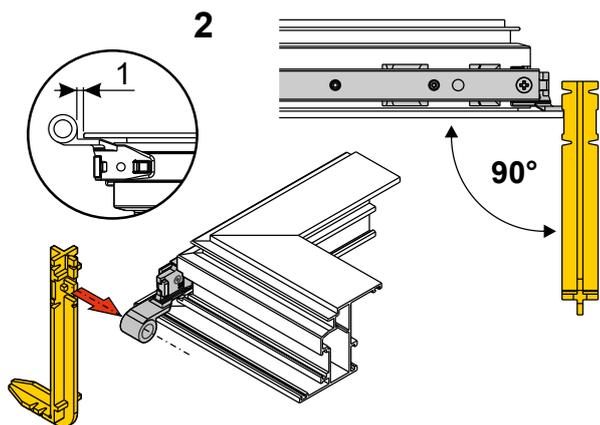
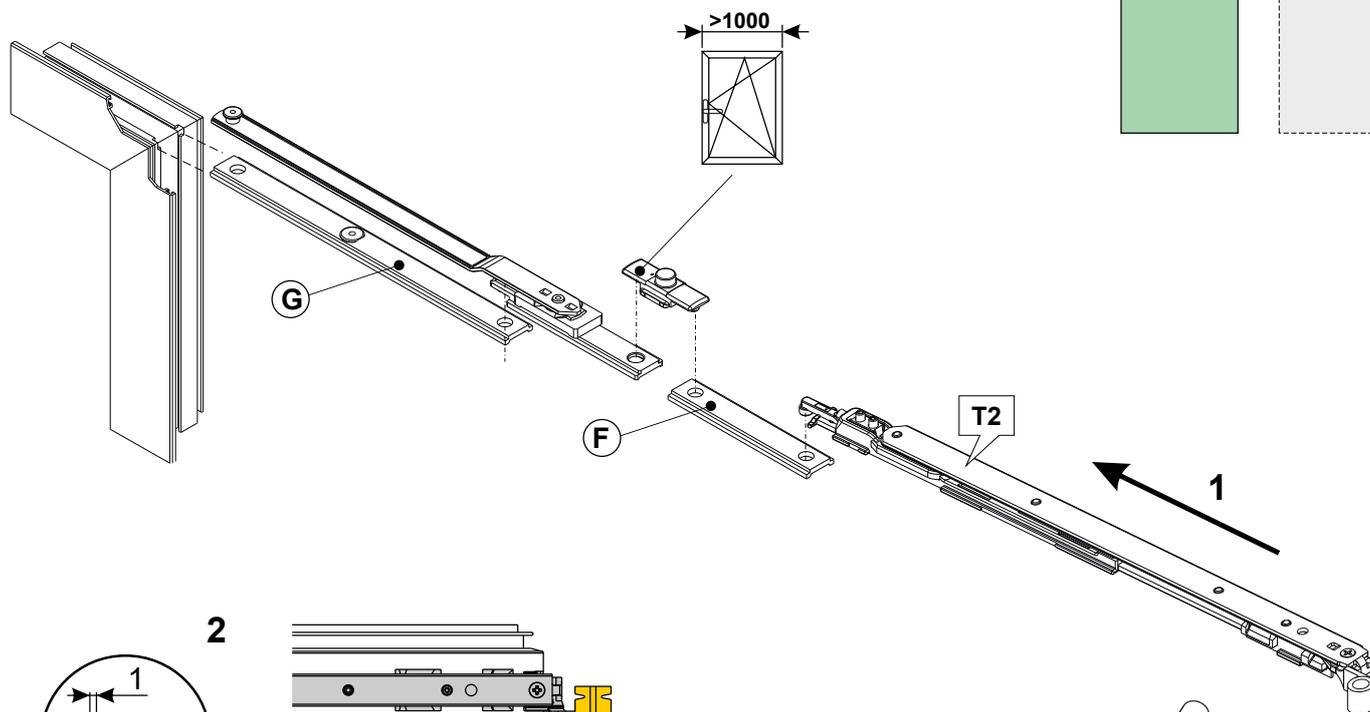
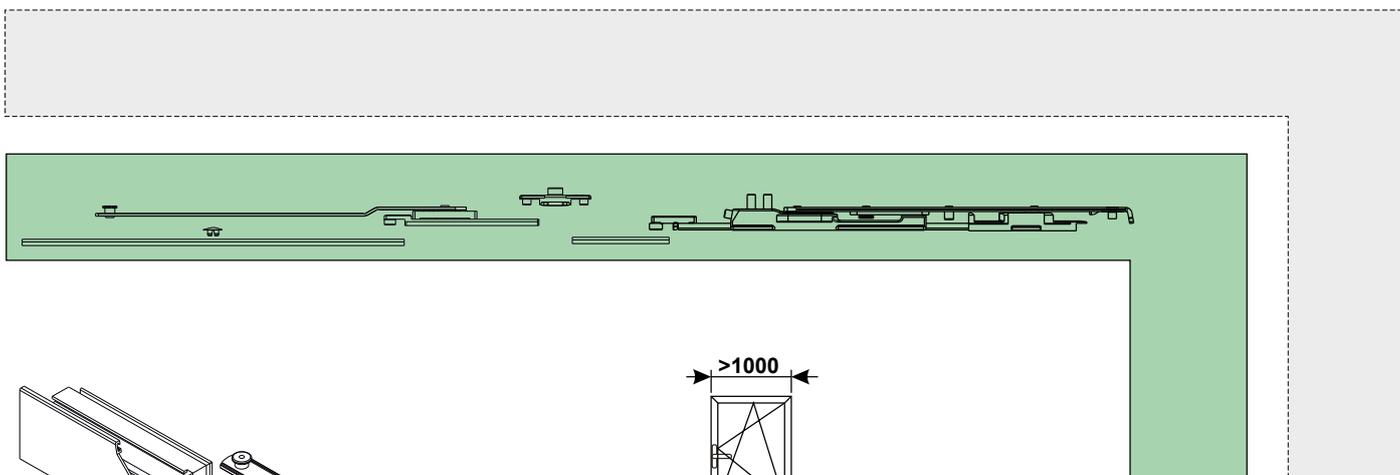
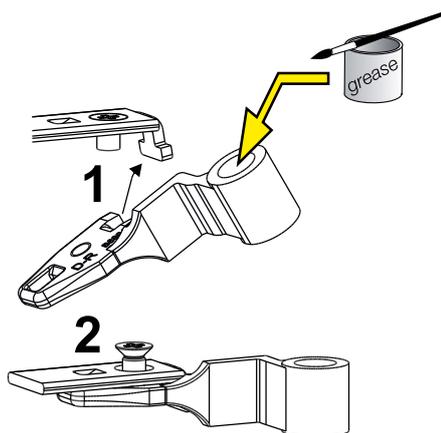
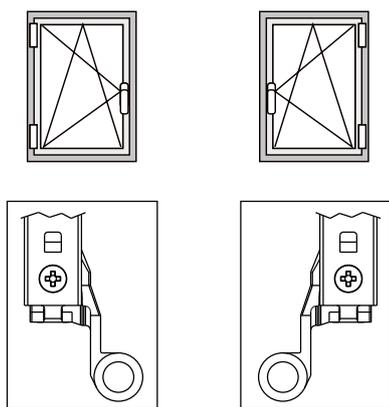
3000	A1	A1=L-355 B=H-Hc-207 C=Hc-207 E=H/2-69	A2	A2=L-510 B=H-Hc-207 C=Hc-207 E=H/2-69	F	F=L-607 B=H-Hc-207 C=Hc-207 D=L/2-69 E=H/2-69
	B		B		B	
1200	A1	A1=L-355 B=H-Hc-207 C=Hc-207	A2	A2=L-510 B=H-Hc-207 C=Hc-207	F	F=L-607 B=H-Hc-207 C=Hc-207 D=L/2-69
	B		B		B	
600	C		C		C	
	C		C		C	
	410	T1	700	570	T2	1000
						1001
						T2
						1800

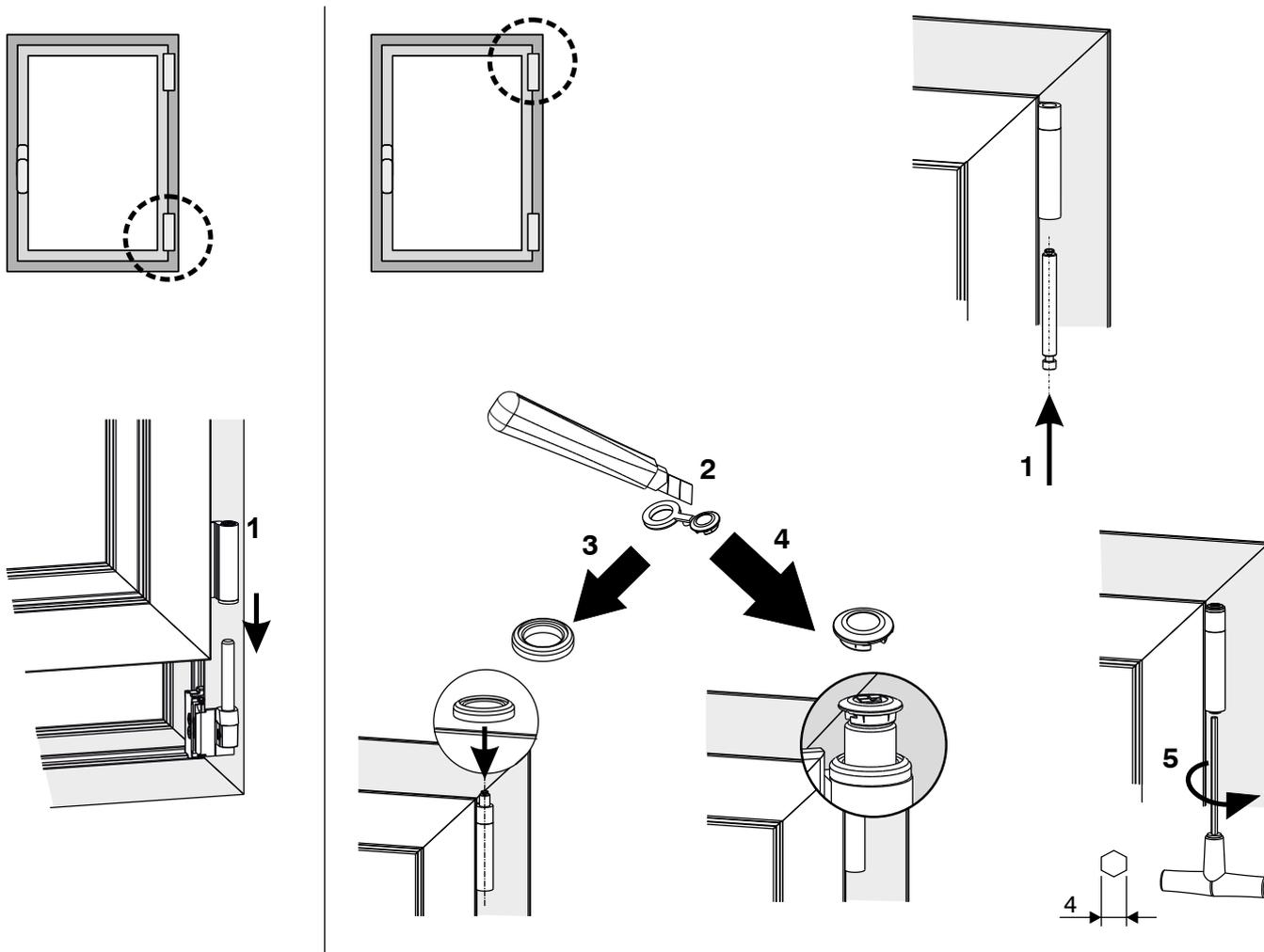










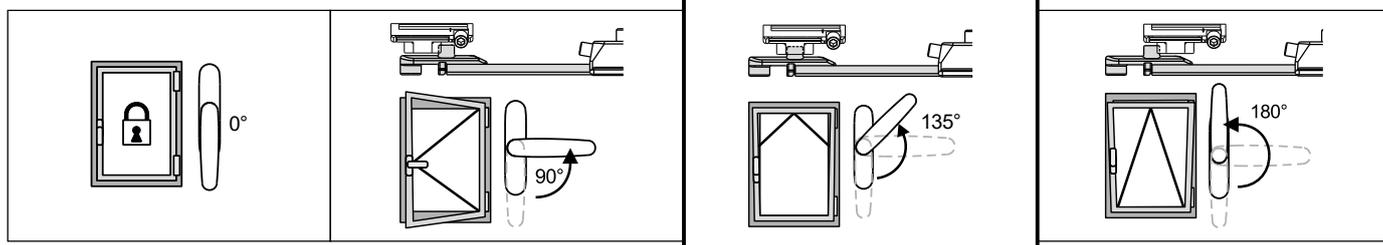
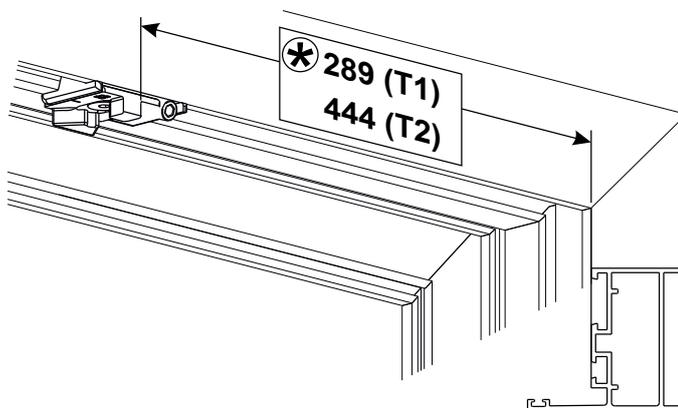
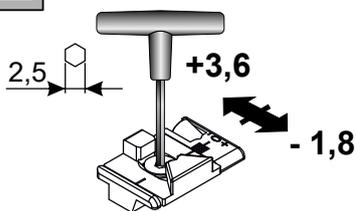
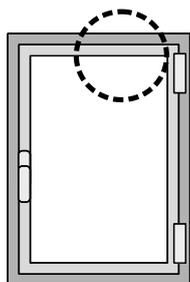


MICRO

⊛ Quote indicative da verificare sull'anta installata e regolata con cremone in posizione microventilazione
 Indicative distance to be checked on the leaf installed and adjusted in position with microventilation cremone

Cotas indicativas para el control de la hoja ensamblada y regulación cremone en posición de microventilación
 Die Maße sind zu überprüfen auf den montierten Flügel, und reguliert mit dem Griff bei der Mikrobelüftung Position

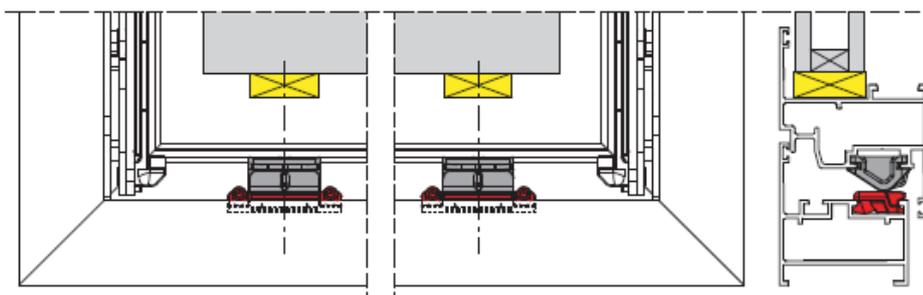
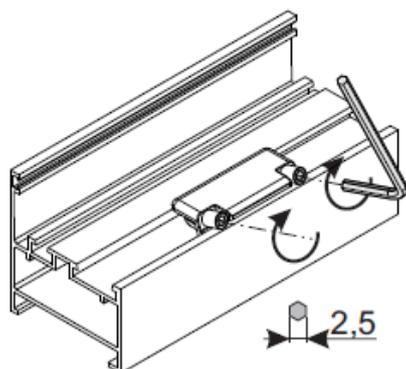
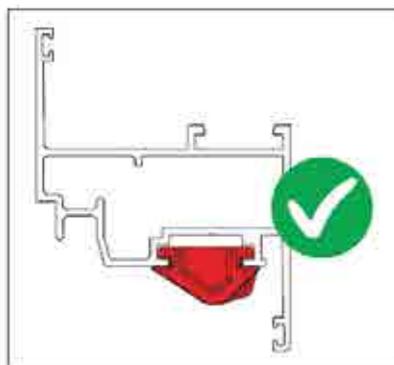
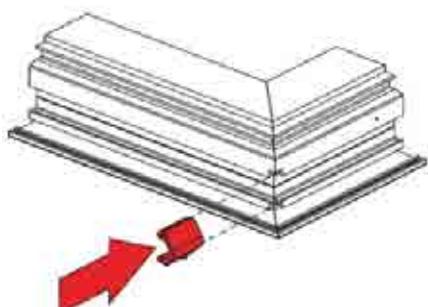
Η απόσταση τοποθέτησης είναι ενδεικτική. Ελέγξτε αφού πρώτα τοποθετήσετε το φύλλο και βάλετε την σπανιολέτα στην θέση μικρό-εξαερισμού.
 Cotes à vérifier sur l'ouvrant installé et réglé avec la crémonne en position micro-ventilation



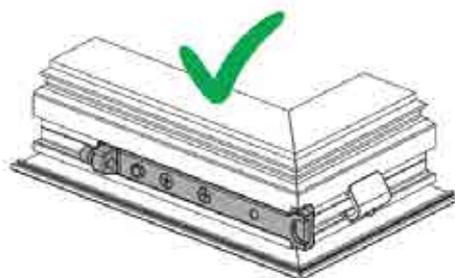
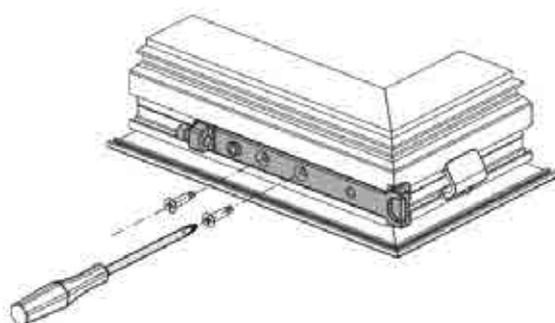
KIT CERNIERE VASISTAS SECRET

SEQUENZA DI INSTALLAZIONE

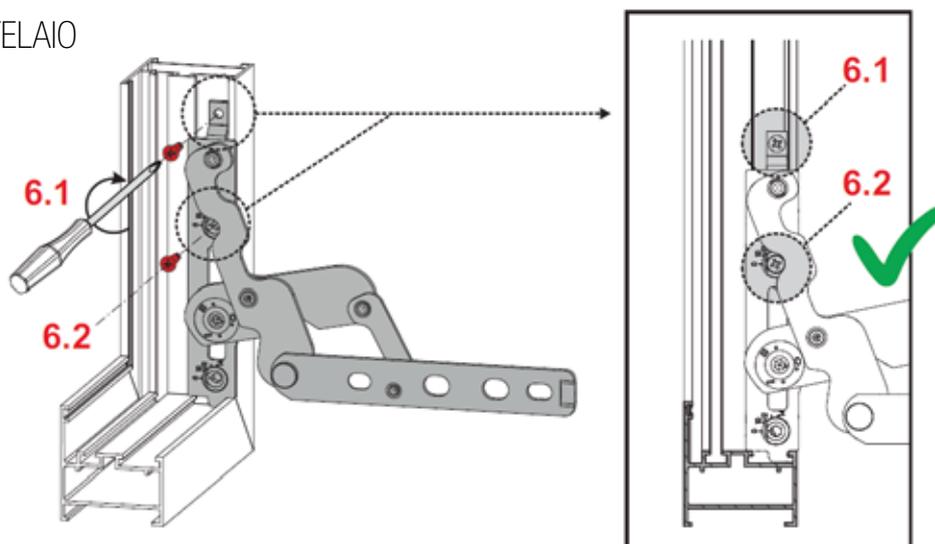
1 Sostegno anta



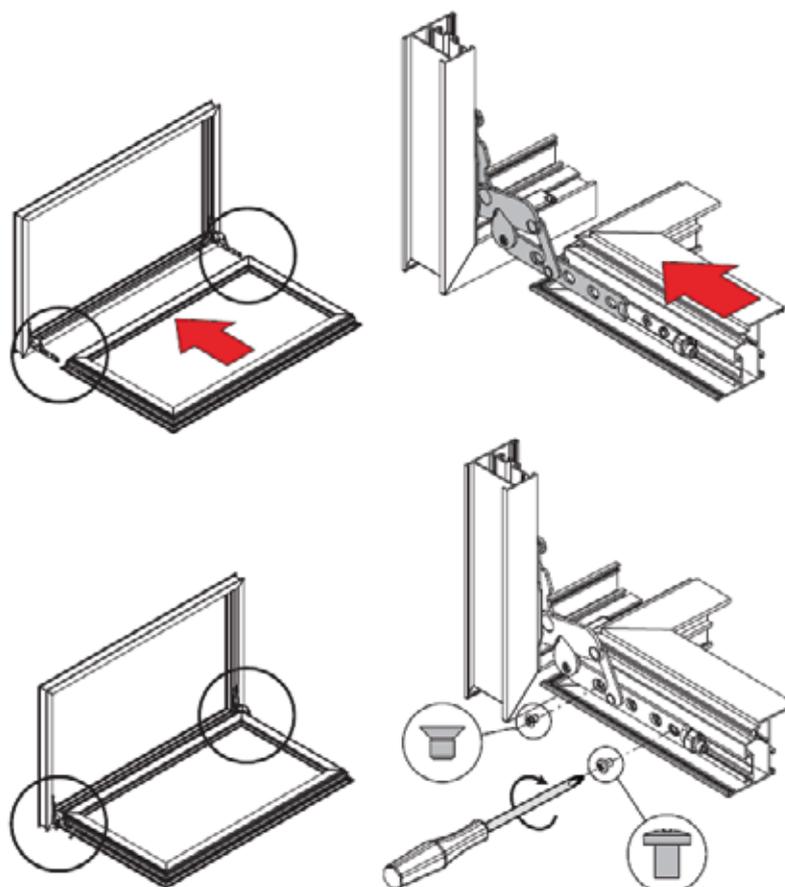
2 Componente ANTA



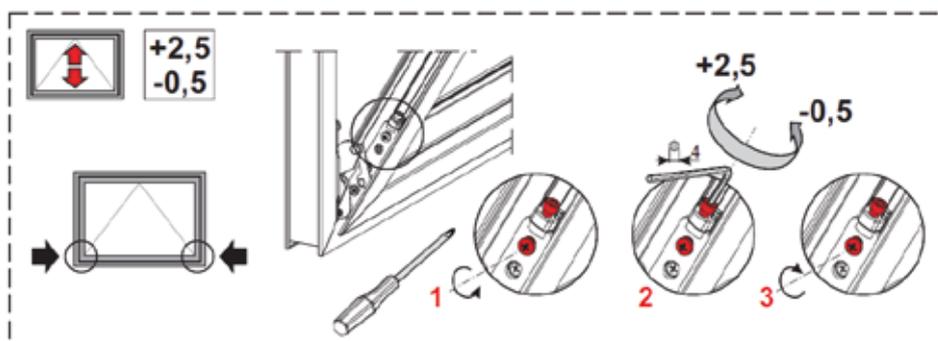
3 Componente TELAIO



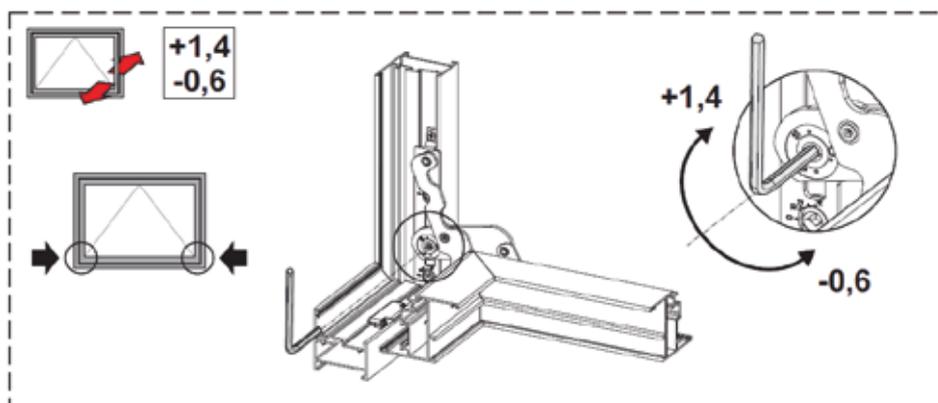
4 Unione anta a telaio



Regolazione in **altezza**:
+ 2,5 ÷ - 0,5 mm



Regolazione in **compressione**:
+ 1,4 ÷ - 0,6 mm



65

Serratura di sicurezza per montante basculante

Security lock for jamb

Contropiastra Regolabile in Metallo		CILINDRO SAGOMATO (Nichelato Fin. 12)	
A-B-C	D	Frontale	
06463-22	E-F	22x3	
(17)	06465-22	CILINDRO SPILLO 02400110	
(17) = inserto rullo art. 06141-71		CILINDRO SAGOMATO (Nichelato Fin. 12)	
		senza borchie	
		0E300-33	
		L=94 (25,5-94,5)	
		CILINDRO SPILLO 02400110	

E= 35 mm

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
---	------------	---	---	---	---	---	---	---	---	---	--------------------

Contropiastra Regolabile in Metallo		CILINDRO SAGOMATO (Nichelato Fin. 12)	
A-B-C	D	Frontale	
06463-22	E-F	22x3	
(17)	06465-22	CILINDRO SPILLO 02400110	
(17) = inserto rullo art. 06141-71		CILINDRO SAGOMATO (Nichelato Fin. 12)	
		senza borchie	
		0E300-33	
		L=94 (25,5-94,5)	
		CILINDRO SPILLO 02400110	

E= 35 mm

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
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Serratura di sicurezza per montante basculante

Security lock for jamb

Contropiastra Regolabile in Metallo A-B-C D E-F		CILINDRO SAGOMATO (Nichelato Fin.12) con borchie senza borchie	Frontale 22x3
06463-22 (17)	06465-22 (17)		0E300-33 L=84 (28,5-54,8)
(17) = inserto rullo art. 06141-71			

CILINDRO SPILLO 02400110

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
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Contropiastra Regolabile in Metallo A-B-C D E-F		CILINDRO SAGOMATO (Nichelato Fin.12) con borchie senza borchie	Frontale 22x3
06463-22 (17)	06465-22 (17)		0E300-33 L=84 (28,5-54,8)
(17) = inserto rullo art. 06141-71			

CILINDRO SPILLO 02400110

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
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67

Serratura di sicurezza per montante avanzante

Security lock for jamb

<table border="1"> <tr> <th colspan="2">Contropiastra Regolabile in Metallo</th> </tr> <tr> <td>A-B-C</td> <td>D E-F</td> </tr> <tr> <td>06463-32</td> <td>06465-220</td> </tr> <tr> <td>(17)</td> <td>(17)</td> </tr> </table>		Contropiastra Regolabile in Metallo		A-B-C	D E-F	06463-32	06465-220	(17)	(17)	<table border="1"> <tr> <th colspan="2">CILINDRO SAGOMATO (Nichelato Fin. 12)</th> <th>Frontale</th> </tr> <tr> <td colspan="2">con borchie</td> <td>22x3</td> </tr> <tr> <td>0E300-20</td> <td>0E300-33</td> <td></td> </tr> <tr> <td>L=88 (28.5-84.5)</td> <td>L=94 (28.5-84.5)</td> <td></td> </tr> </table>		CILINDRO SAGOMATO (Nichelato Fin. 12)		Frontale	con borchie		22x3	0E300-20	0E300-33		L=88 (28.5-84.5)	L=94 (28.5-84.5)		
Contropiastra Regolabile in Metallo																								
A-B-C	D E-F																							
06463-32	06465-220																							
(17)	(17)																							
CILINDRO SAGOMATO (Nichelato Fin. 12)		Frontale																						
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C	Art. 49220																							
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Contropiastra Regolabile in Metallo																								
A-B-C	D E-F																							
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A	Art. 19225																							
B	Art. 49225																							
C	Art. 49220																							
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E	Art. 060000																							

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Serratura di sicurezza per montante avanzante

Security lock for jamb multi-point

<table border="1"> <tr> <td colspan="2">Contropiastina Regolabile in Metallo</td> </tr> <tr> <td>A-B-C</td> <td>D E-F</td> </tr> <tr> <td>06463-32</td> <td>06465-220</td> </tr> <tr> <td colspan="2">(17)</td> </tr> </table>		Contropiastina Regolabile in Metallo		A-B-C	D E-F	06463-32	06465-220	(17)		<table border="1"> <tr> <td colspan="2">CILINDRO SAGOMATO (Nichelato Fin.12)</td> <td>Frontale</td> </tr> <tr> <td>con borchie</td> <td>senza borchie</td> <td>22x3</td> </tr> <tr> <td>0E300-20</td> <td>0E300-33</td> <td></td> </tr> <tr> <td>L=88 (29.5-54.5)</td> <td>L=84 (29.5-54.5)</td> <td></td> </tr> </table>		CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale	con borchie	senza borchie	22x3	0E300-20	0E300-33		L=88 (29.5-54.5)	L=84 (29.5-54.5)			
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<p>D</p> <p>Art. 49250 Art.060000</p>		<p>E</p> <p>Art. 06443360</p>																							

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<p>D</p> <p>Art. 49250 Art.060000</p>		<p>E</p> <p>Art. 06443360</p>																							

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Serratura di sicurezza per montante multipunto basculante

Security lock for jamb multi-point basculante

Contropiastra Regolabile in Metallo			Deviatori
A	B	C	
06463-22	06463-22 (17)	06465-22 (pz.2)	06465-22 (pz.2)
(17) = inserto rullo art. 06141-71			

CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale
con borchie	senza borchie	24x3
0E300-20 L=88 (29,5-54,5)	0E300-33 L=84 (29,5-54,5)	

CILINDRO SPILLO 02400110

E= 35 mm

Contropiastra Regolabile in Metallo			Deviatori
A	B	C	
06463-22	06463-22 (17)	06465-22 (pz.2)	06465-22 (pz.2)
(17) = inserto rullo art. 06141-71			

CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale
con borchie	senza borchie	24x3
0E300-20 L=88 (29,5-54,5)	0E300-33 L=84 (29,5-54,5)	

CILINDRO SPILLO 02400110

E= 35 mm

A

Art. 16525
Art. 46523

B

Art. 46550

C

Art. 46520

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Serratura di sicurezza per montante multipunto basculante

Security lock for jamb multi-point

Contropiastra Regolabile in Metallo			Frontale	
A	B	C	con borchie	senza borchie
06463-22	06463-22 (17)	06465-22 (pz.2)	0E300-20 L=88 (29,5-59,5)	0E300-33 L=84 (29,5-54,5)
(17) = inserto rullo art. 06141-71				

CILINDRO SAGOMATO (Nichelato Fin. 12)		Frontale
con borchie		senza borchie
0E300-20 L=88 (29,5-59,5)	0E300-33 L=84 (29,5-54,5)	24x3

CILINDRO SPILLO
02400110

E= 35 mm

A

Art. 16525
Art. 46525

B

Art. 46550

C

Art. 46520

Contropiastra Regolabile in Metallo			Frontale	
A	B	C	con borchie	senza borchie
06463-22	06463-22 (17)	06465-22 (pz.2)	0E300-20 L=88 (29,5-59,5)	0E300-33 L=84 (29,5-54,5)
(17) = inserto rullo art. 06141-71				

CILINDRO SAGOMATO (Nichelato Fin. 12)		Frontale
con borchie		senza borchie
0E300-20 L=88 (29,5-59,5)	0E300-33 L=84 (29,5-54,5)	24x3

CILINDRO SPILLO
02400110

E= 35 mm

A

Art. 16525
Art. 46525

B

Art. 46550

C

Art. 46520

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Serratura di sicurezza per montante multipunto avanzante

Security lock for jamb multi-point

<p>Contropiastra Regolabile in Metallo</p> <table border="1"> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Deviatori</th> </tr> <tr> <td>06463-32</td> <td>06463-32 (16)</td> <td>06465-42</td> <td>06465-220</td> </tr> </table>			A	B	C	Deviatori	06463-32	06463-32 (16)	06465-42	06465-220	<p>CILINDRO SAGOMATO (Nichelato Fin.12)</p> <table border="1"> <tr> <th>con borchie</th> <th>senza borchie</th> <th>Frontale</th> </tr> <tr> <td>0E300-20 L=89 (29,5-59,5)</td> <td>0E300-33 L=84 (29,5-54,5)</td> <td>24x3</td> </tr> </table>			con borchie	senza borchie	Frontale	0E300-20 L=89 (29,5-59,5)	0E300-33 L=84 (29,5-54,5)	24x3	<p>E= 35 mm</p>		
A	B	C	Deviatori																			
06463-32	06463-32 (16)	06465-42	06465-220																			
con borchie	senza borchie	Frontale																				
0E300-20 L=89 (29,5-59,5)	0E300-33 L=84 (29,5-54,5)	24x3																				
<p>A</p> <p>Art. 19526 Art. 49526</p>			<p>B</p> <p>SERRATURA A RULLO</p> <p>Art. 49526 + 060000</p>			<p>C</p> <p>SERRATURA A SOLA MANDATA GIRANDO LO SCROCCO</p> <p>Art. 49526</p>																

<p>Contropiastra Regolabile in Metallo</p> <table border="1"> <tr> <th>A</th> <th>B</th> <th>C</th> <th>Deviatori</th> </tr> <tr> <td>06463-32</td> <td>06463-32 (16)</td> <td>06465-42</td> <td>06465-220</td> </tr> </table>			A	B	C	Deviatori	06463-32	06463-32 (16)	06465-42	06465-220	<p>CILINDRO SAGOMATO (Nichelato Fin.12)</p> <table border="1"> <tr> <th>con borchie</th> <th>senza borchie</th> <th>Frontale</th> </tr> <tr> <td>0E300-20 L=89 (29,5-59,5)</td> <td>0E300-33 L=84 (29,5-54,5)</td> <td>24x3</td> </tr> </table>			con borchie	senza borchie	Frontale	0E300-20 L=89 (29,5-59,5)	0E300-33 L=84 (29,5-54,5)	24x3	<p>E= 35 mm</p>		
A	B	C	Deviatori																			
06463-32	06463-32 (16)	06465-42	06465-220																			
con borchie	senza borchie	Frontale																				
0E300-20 L=89 (29,5-59,5)	0E300-33 L=84 (29,5-54,5)	24x3																				
<p>A</p> <p>Art. 19526 Art. 49526</p>			<p>B</p> <p>SERRATURA A RULLO</p> <p>Art. 49526 + 060000</p>			<p>C</p> <p>SERRATURA A SOLA MANDATA GIRANDO LO SCROCCO</p> <p>Art. 49526</p>																

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Maniglioni

Exit bar

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

CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale
		24x3
con borchie	0E300-20 L=89 (29,5-59,5)	
senza borchie	0E300-33 L=84 (29,5-54,5)	

E= 35 mm

52

51

 A	Art. 19526 Art. 49526 B SERRATURA A RULLO	Art. 49526 + 060000 C SERRATURA A SOLA MANDATA GIRANDO LO SCROCCO
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Contropiastra Regolabile in Metallo			Frontale	
A	B	C	Deviatori	
06463-32	06463-32 (16)	06465-42	06465-220	

CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale
		24x3
con borchie	0E300-20 L=89 (29,5-59,5)	
senza borchie	0E300-33 L=84 (29,5-54,5)	

E= 35 mm

18

19

 A	Art. 19526 Art. 49526 B SERRATURA A RULLO	Art. 49526 + 060000 C SERRATURA A SOLA MANDATA GIRANDO LO SCROCCO
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Maniglioni antipanico

Panic exit bar

Contropiastra 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. -	Utilizzare salvaprofilo art. -	Bocchetta Pavimento art. 06142-85	Bocchetta Superiore art. 06141-80
CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale	
con borchie		senza borchie	
0E300-20 L=84 (23,5-56,5)		0E300-33 L=84 (23,5-54,5)	
		24x3	

E= 40mm

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

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

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

Maniglione quadro 9mm
art. 59710-00
art. 59710-01

Quadro Maniglia
art. 07085-77-0

Maniglione quadro 8mm
art. 59605-06

Barra Ovale
art. 07007-XX

Maniglione quadro 8mm
art. 59615-17

Barra Ovale
art. 07007-XX

Contropiastra 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. -	Utilizzare salvaprofilo art. -	Bocchetta Pavimento art. -	-
CILINDRO SAGOMATO (Nichelato Fin.12)		Frontale	
con borchie		senza borchie	
0E300-20 L=84 (23,5-56,5)		0E300-33 L=84 (23,5-54,5)	
		24x3	

E= 40 mm

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

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

Maniglione quadro 9mm
art. 59710-00
art. 59710-01

Quadro Maniglia
art. 07085-77-0

Maniglione quadro 8mm
art. 59605-06

Barra Ovale
art. 07007-XX

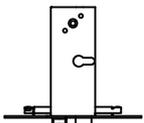
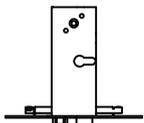
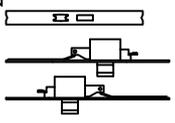
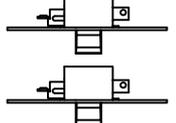
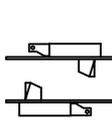
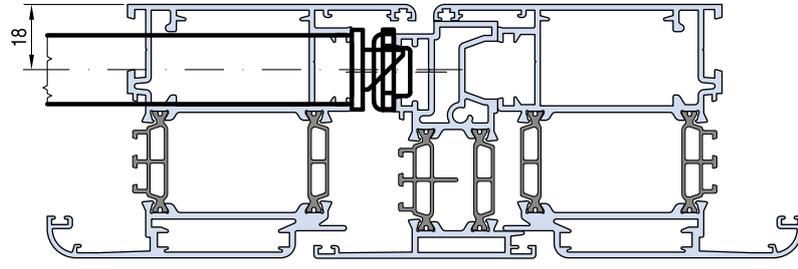
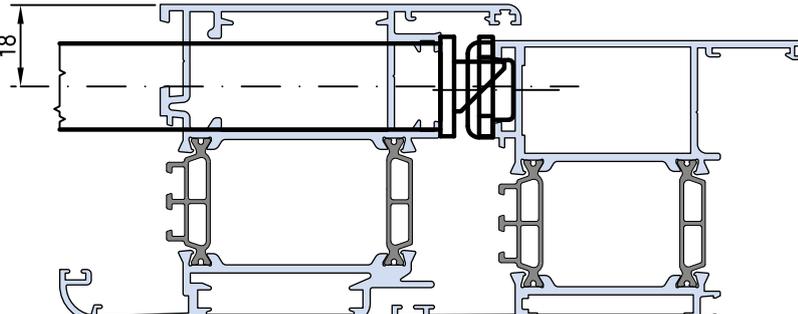
Maniglione quadro 8mm
art. 59615-17

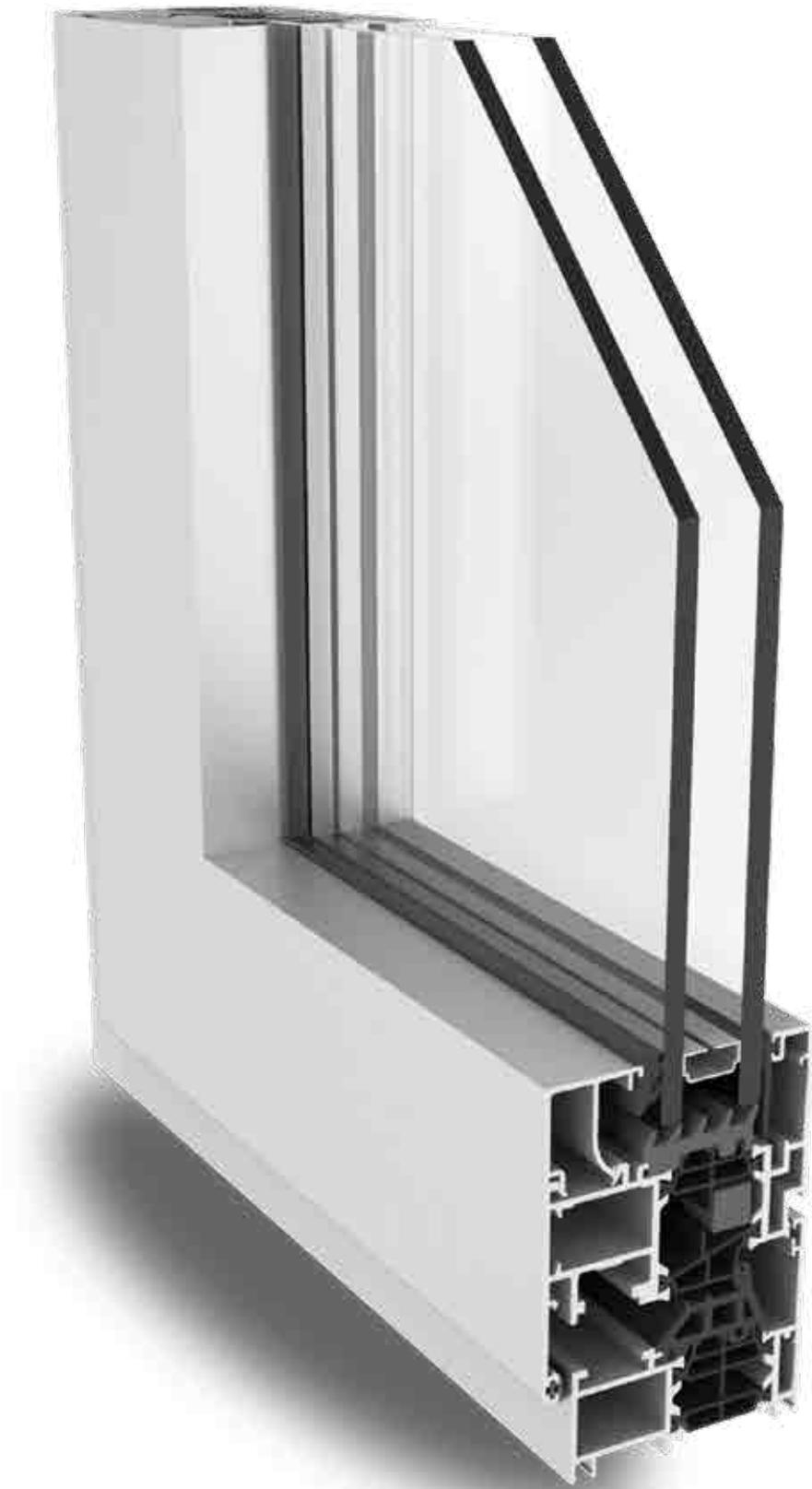
Barra Ovale
art. 07007-XX

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Serratura di sicurezza per fascia

Security lock for central crossbeam

<p>A</p>  <p>art. 56357</p>	<p>B</p>  <p>art. 56357</p>	<p>C</p>  <p>art. 56357 art. 06168-00 Kit Multipunto Modulare 24x3</p>	<p>D</p>  <p>art. 06444-45</p>	<p>E</p>  <p>art. 06444-20/0 art. 06443-00/05-0</p>																										
<table border="1"> <tr> <th colspan="5">Contropiastre Regolabile in Metallo</th> </tr> <tr> <th>A</th> <th>B</th> <th>C</th> <th>D-E</th> <th>Frontale</th> </tr> <tr> <td>06465-22</td> <td>06465-22 (16)</td> <td>06465-22 (pz. 3)</td> <td>06465-22 (pz. 2)</td> <td>22x3</td> </tr> <tr> <td colspan="5">(17) = inserto rullo art. 06141-71</td> </tr> </table> <table border="1"> <tr> <th colspan="2">CILINDRO SAGOMATO (Nichelato Fin.12)</th> </tr> <tr> <td>con borchie</td> <td>senza borchie</td> </tr> <tr> <td>0E300-17 L=79 (25-46,5)</td> <td>0E300-27 L=74 (25-44,5)</td> </tr> </table> <p>E= 100 mm</p> 					Contropiastre Regolabile in Metallo					A	B	C	D-E	Frontale	06465-22	06465-22 (16)	06465-22 (pz. 3)	06465-22 (pz. 2)	22x3	(17) = inserto rullo art. 06141-71					CILINDRO SAGOMATO (Nichelato Fin.12)		con borchie	senza borchie	0E300-17 L=79 (25-46,5)	0E300-27 L=74 (25-44,5)
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MATIC *b2 UP*

Traccia per capitolato

Infissi in alluminio a camera europea realizzati con la serie taglio termico Matic 62 UP con sistema di tenuta a giunto aperto con pinna centrale di forma tubolare e materiale coestruso, espanso/compatto. I profilati sono estrusi in lega di alluminio 6060 (EN 573.3), stato di fornitura T5 e T6 conformi alla norma UNI EN 755.2 con tolleranze dimensionali e spessori conformi alla norma UNI EN 12020-2:2001. Lega secondo la formula ALSistem. L'isolamento termico sarà costituito da barrette esclusivamente tubolari a doppia camera da 28 mm in poliammide a bassa densità ed agli inserti isolanti in PUR, 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 estruso o pressofuso multifunzione, i tagli dovranno essere protetti a mezzo sigillanti acrilici siliconici o polimeri MS. 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 755.3 Lo stato di fornitura è in classe T5 e T6 secondo norma EN 755.2. Le tolleranze dimensionali sono conformi alla UNI EN 12020-2:2001. Lega secondo la formula ALSistem.

Caratteristiche tecniche e dimensionali

Aspetto visivo esterno: complanare

Aspetto visivo interno: complanare o sormonto di 8mm

Profilati: estrusi in lega leggera 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 a bassa densità da 28mm a doppio tubolare e inserti isolanti in PUR

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/70mm

Profondità anta: 70mm

Tubolarità profili finestra: 15mm

Tubolarità profili porta: 36,4mm

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

Spazio vetro o pannello nei telai fissi: da 7mm a 55mm

Spazio vetro o pannello nelle ante: da 27mm a 63mm

General specifications

European chamber aluminum frames made with the Matic 62 UP thermal break series with open joint sealing system with central tubular fin and coextruded, expanded / compact material. The profiles are extruded in 6060 aluminum alloy (EN 573.3), supplied condition T5 and T6 compliant with UNI EN 755.2 with dimensional tolerances and thicknesses compliant with UNI EN 12020-2: 2001. Alloy according to the ALSistem formula. The thermal insulation will consist of exclusively 28 mm double-chamber tubular bars in low density polyamide and insulating inserts in PUR, the assembly of the bars will take place by means of computerized mechanical rolling, and the mechanical characteristics of the bars must remain unchanged. up to a maximum treatment temperature of 245 ° C. The production process is controlled according to UAETC standards, the sliding values must be greater than 24 daN / mm. The fixed frame will have a depth of 62mm while the opening parts will have a depth of 70mm. The sealing system will be open joint with central gasket, in EPDM, having a sealing fin that surmounts the inclined plane of the opening part by 4.5mm, the central gasket must be connected at the joints with the appropriate vulcanized corners. The profiles will have straight or rounded lines internally and externally with the possibility of accommodating glazing bead solutions with 45 ° or 90 ° cut; in the case of 90 ° cutting with rounded glazing beads, the appropriate die-cast aluminum connection angles can be used. The glass sealing must be carried out according to the instructions given in the catalog and only and exclusively with original glazing gaskets. Special drainage holes must be provided on the fixed and mobile frame in order to allow correct drainage of the window. The choice of profiles will depend on the geometric and dimensional characteristics of the frame, the capacity of the accessories and the operating loads. The accessories used in the manufacture of the different types must be exclusively the original ones designed specifically for the system, listed in the catalog and distributed by the ALSistem licensees, the use of products other than those indicated or the partial or incorrect assembly of the same will result in nullity test and warranty certificates. Manufacturing and installation must take place according to the work criteria indicated by ALSistem. The assembly of the profiles will take place with extruded aluminum or die-cast multifunction brackets, the cuts must be protected by silicone acrylic sealants or MS polymers. The protection and finishing of the profiles will take place by means of normal surface treatments, anodic oxidation in compliance with the "Qualanod" quality mark or by means of painting with thermosetting polyester powders and polymerized in the oven at temperatures between 185 ° C and 195 ° C, in accordance with the "Qualicoat" quality mark.

Materials

The execution of the doors and windows is in aluminum alloy EN AW-6060 in the form of extruded profiles as indicated by the UNI EN 755.3 standard. The supply condition is in class T5 and T6 according to the EN 755.2 standard. Dimensional tolerances comply with UNI EN 12020-2: 2001. Alloy according to the ALSistem formula.

Technical and dimensional characteristics

External visual aspect: coplanar

Internal visual aspect: coplanar or 8mm overlap

Profiles: extruded in light alloy EN AW-6060 (UNI EN 573-3) which can be anodized and painted. Alloy according to the ALSistem formula.

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

Thermal insulation system: made with 28mm low density polyamide double tubular spacers and PUR insulating inserts

Accessory system: ALSistem original

Leaf frame distance: 12mm

Overlap of door stop on frame: 6mm

Glass stop height: 22mm

Gap between the profiles: 5mm

Frame depth: 62mm / 70mm

Door depth: 70mm

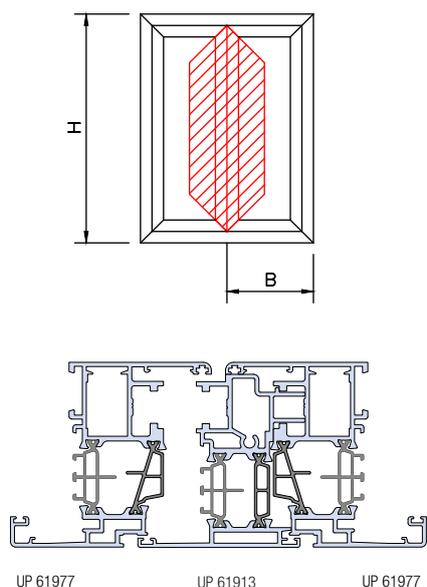
Window profiles tubularity: 15mm

Door profiles tubularity: 36.4mm

Glass fixing: with smooth, rounded, beveled or molded and smooth tubular glass beads

Space for glass or panel in fixed frames: from 7mm to 55mm

Space for glass or panel in the doors: from 27mm to 63mm

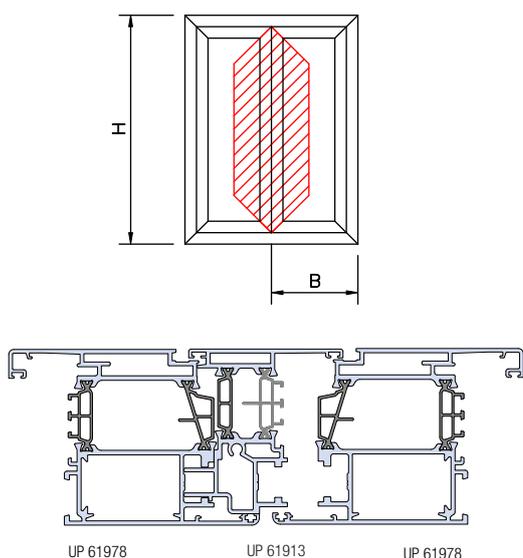
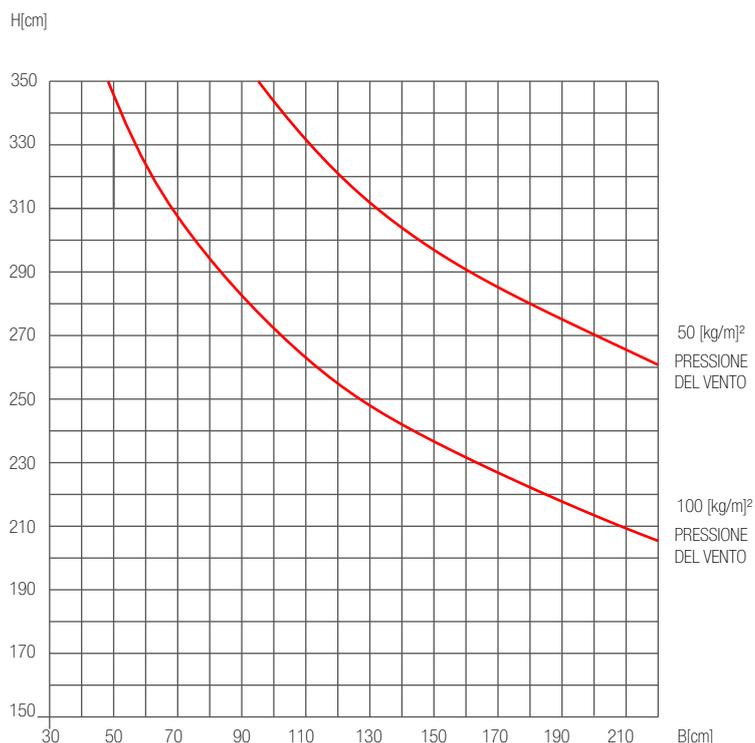


UP 61977 UP 61913 UP 61977

$J_t = 106,08\text{cm}^4$
freccia max 1/300

**VERIFICARE CHE LA FRECCIA DEL PROFILO
SIA COMPATIBILE COL VETRO IMPIEGATO**

*Check that profile face is compatible with
glazing used*

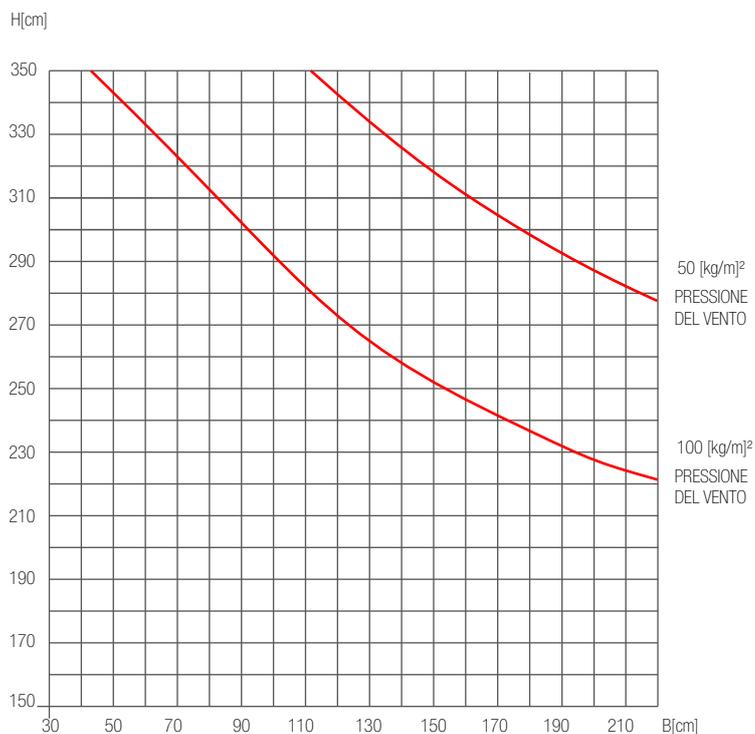


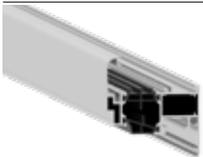
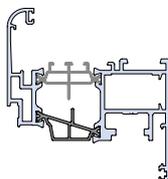
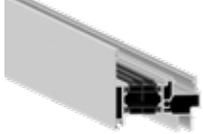
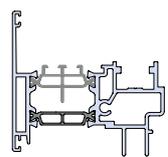
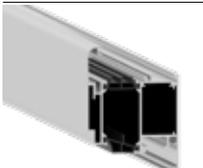
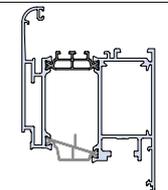
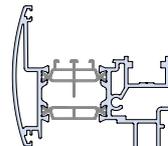
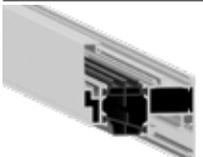
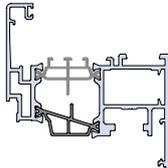
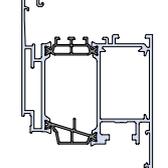
UP 61978 UP 61913 UP 61978

$J_t = 133,36\text{cm}^4$
freccia max 1/300

**VERIFICARE CHE LA FRECCIA DEL PROFILO
SIA COMPATIBILE COL VETRO IMPIEGATO**

*Check that profile face is compatible with
glazing used*

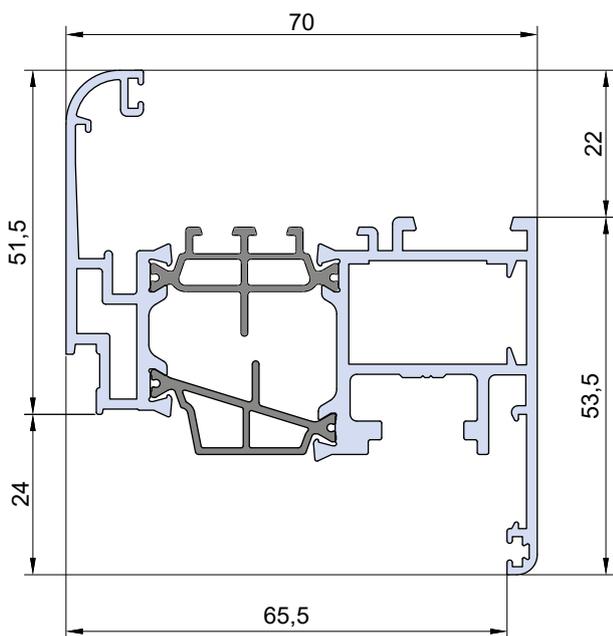


	Sagoma	Art.	Descrizione	Peso g/m	Jxx cm ⁴
		UP 61912	Anta raggiata Matic <i>Round leaf Matic</i>	1656	38.35 15.58
		UP 61913	Riporto centrale liscio Matic <i>Flat astragal Matic</i>	1480	28.30 94.50
		UP 61917	Anta raggiata maggiorata Matic <i>Oversize round leaf Matic</i>	2174	42.60 32.20
		UP 61918	Riporto centrale raggiato Matic <i>Round astragal Matic</i>	1614	33.58 11.85
		UP 61977	Anta retta Matic <i>Flat leaf Matic</i>	1680	38.89 16.29
		UP 61978	Anta retta maggiorata Matic <i>Oversize flat leaf Matic</i>	2172	32.53 48.58

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

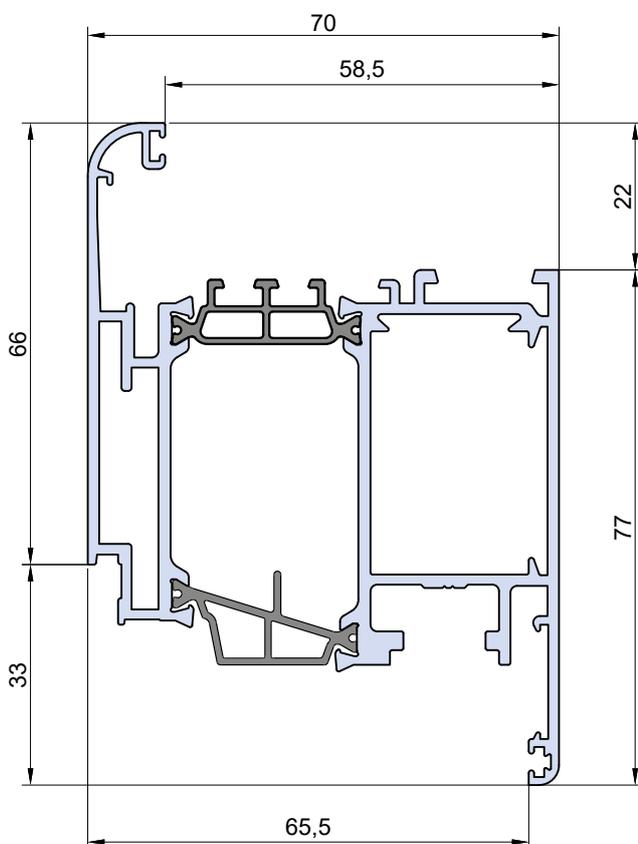
UP61802
UP61824
UP61822
UP61832
UP61883
UP61833
UP61803

Profili per ferramenta perimetrale



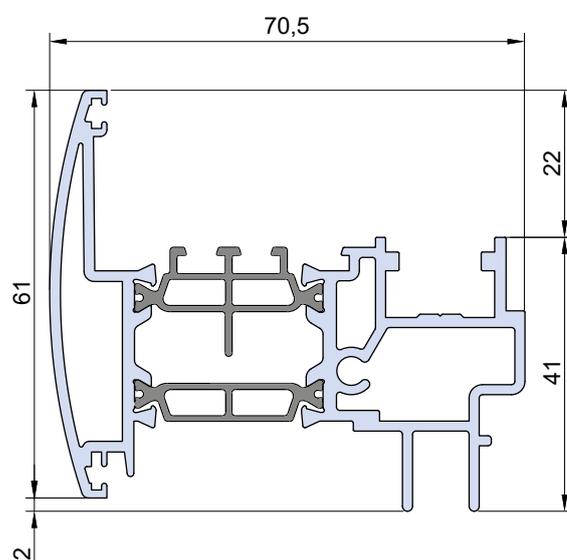
UP 61912

1659 gr/m



UP 61917

2174 gr/m

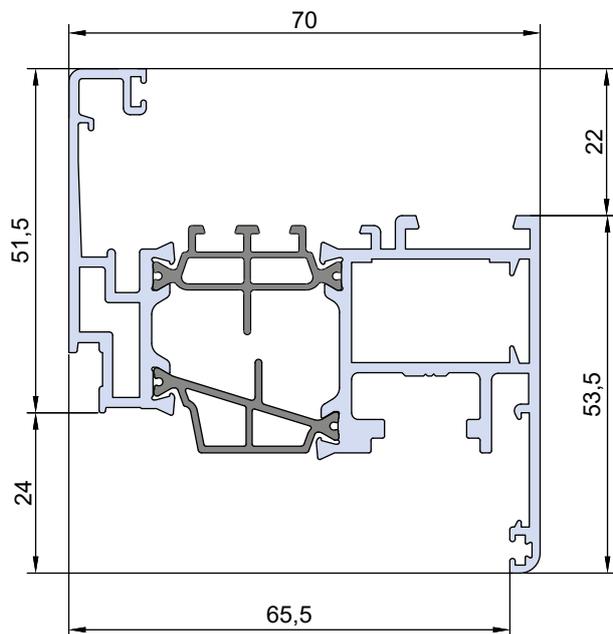


UP 61918

1614 gr/m

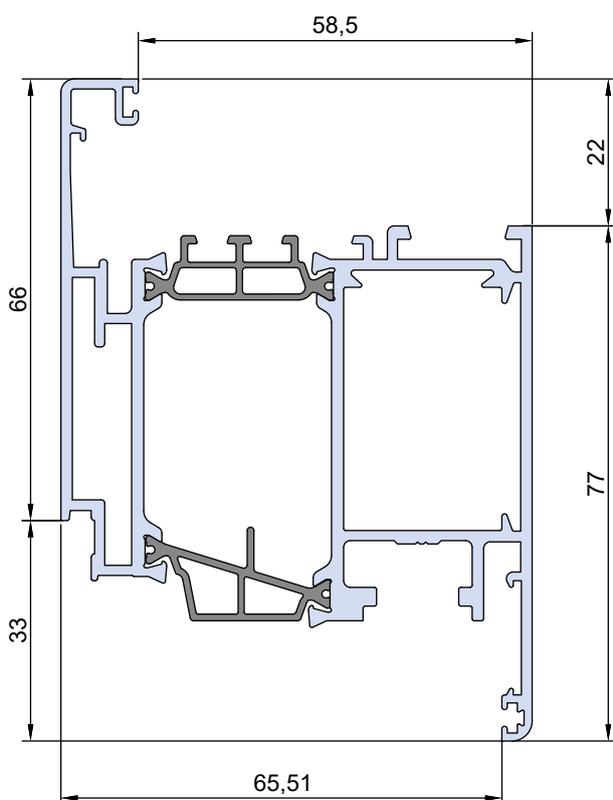
Profili per ferramenta perimetrale

MATIC 62 UP



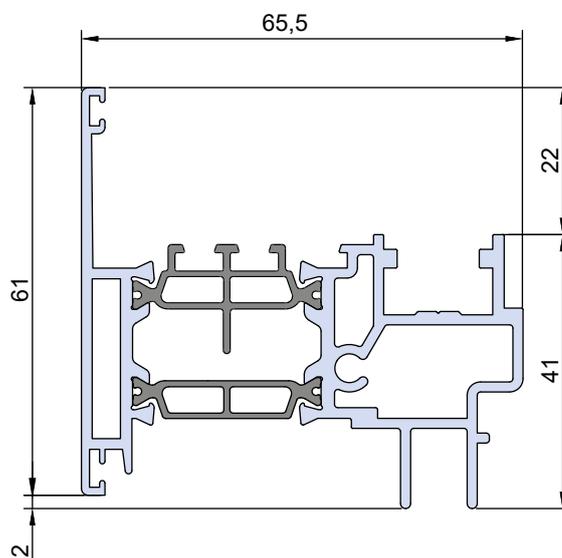
UP 61977

1680 gr/m



UP 61978

2172 gr/m



UP 61913

1480 gr/m

	ACP 62181 M
	Tappo riporto centrale Matic 62 Cfz: 20pz <i>Central cap Pkg: 20pcs</i>

NOTA BENE

GUARNIZIONI: Si possono utilizzare le stesse del Planet 62 UP

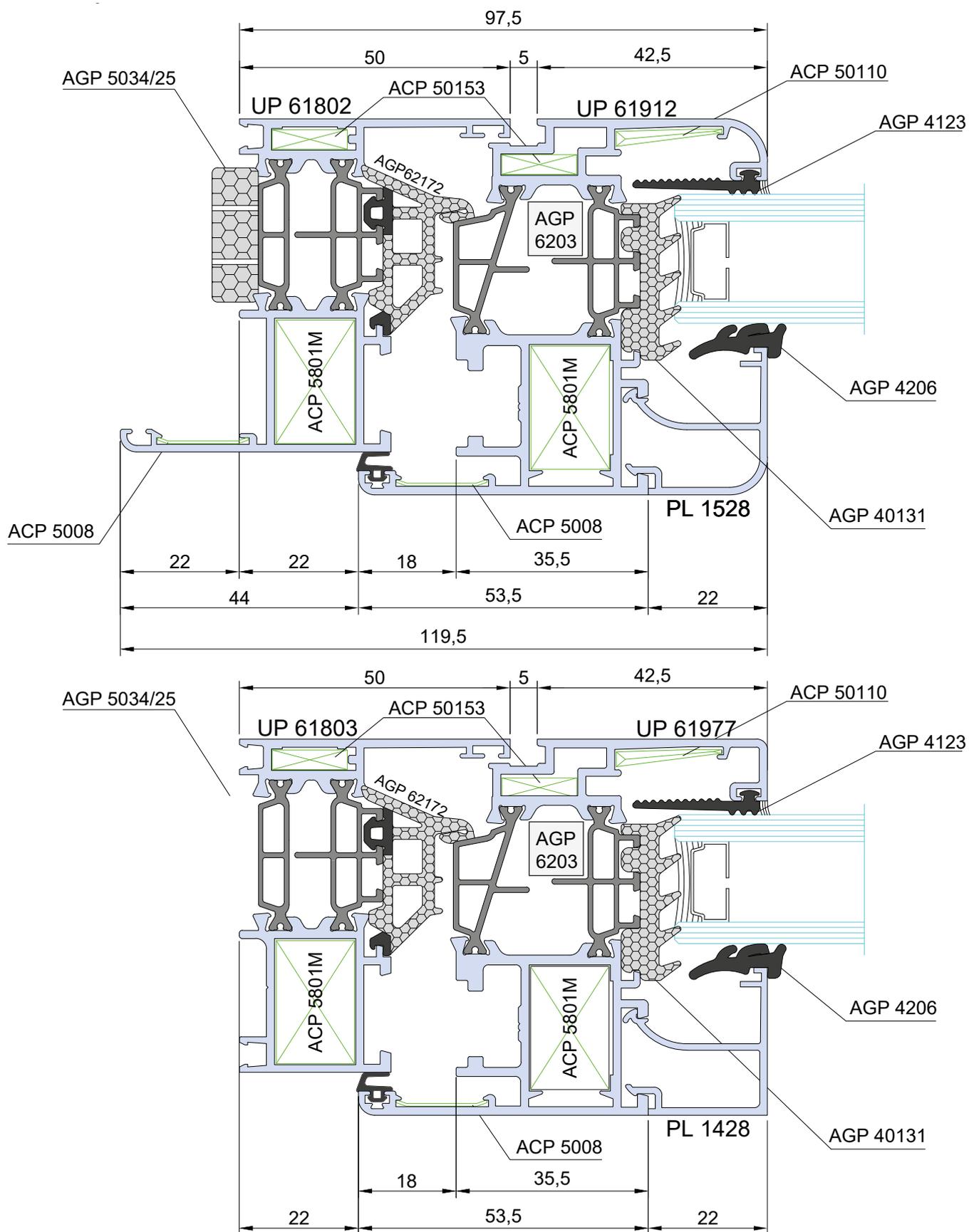
ACCESSORI GENERICI: si possono utilizzare gli stessi del Planet 62 UP

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

NODO 01

Apertura a battente - nodo laterale

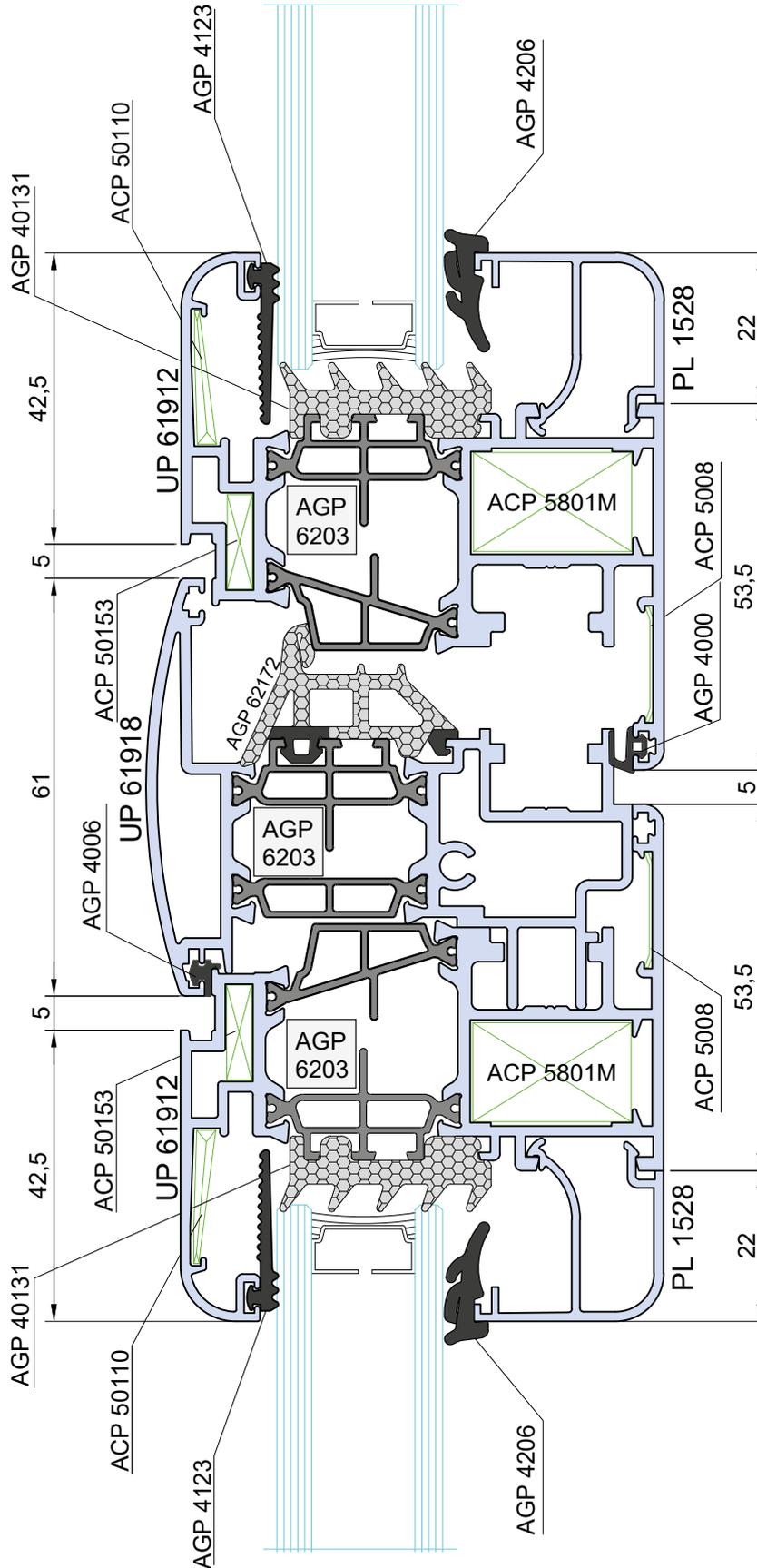
Hinged door opening - lateral section



NODO 02

Apertura interna - finestra a battente - nodo centrale

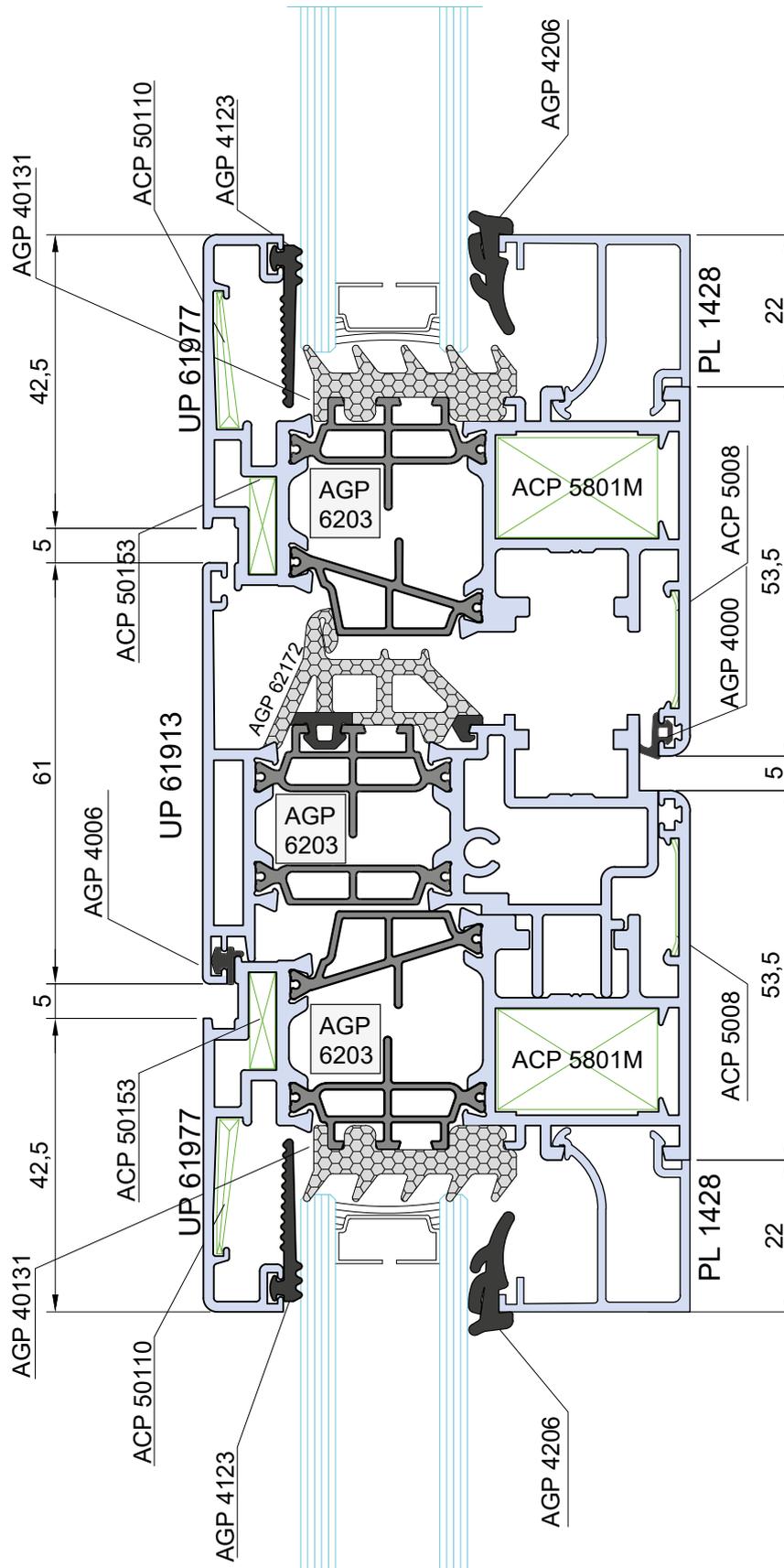
Inward opening - casement window - central section



NODO 03

Apertura interna - finestra a battente - nodo centrale

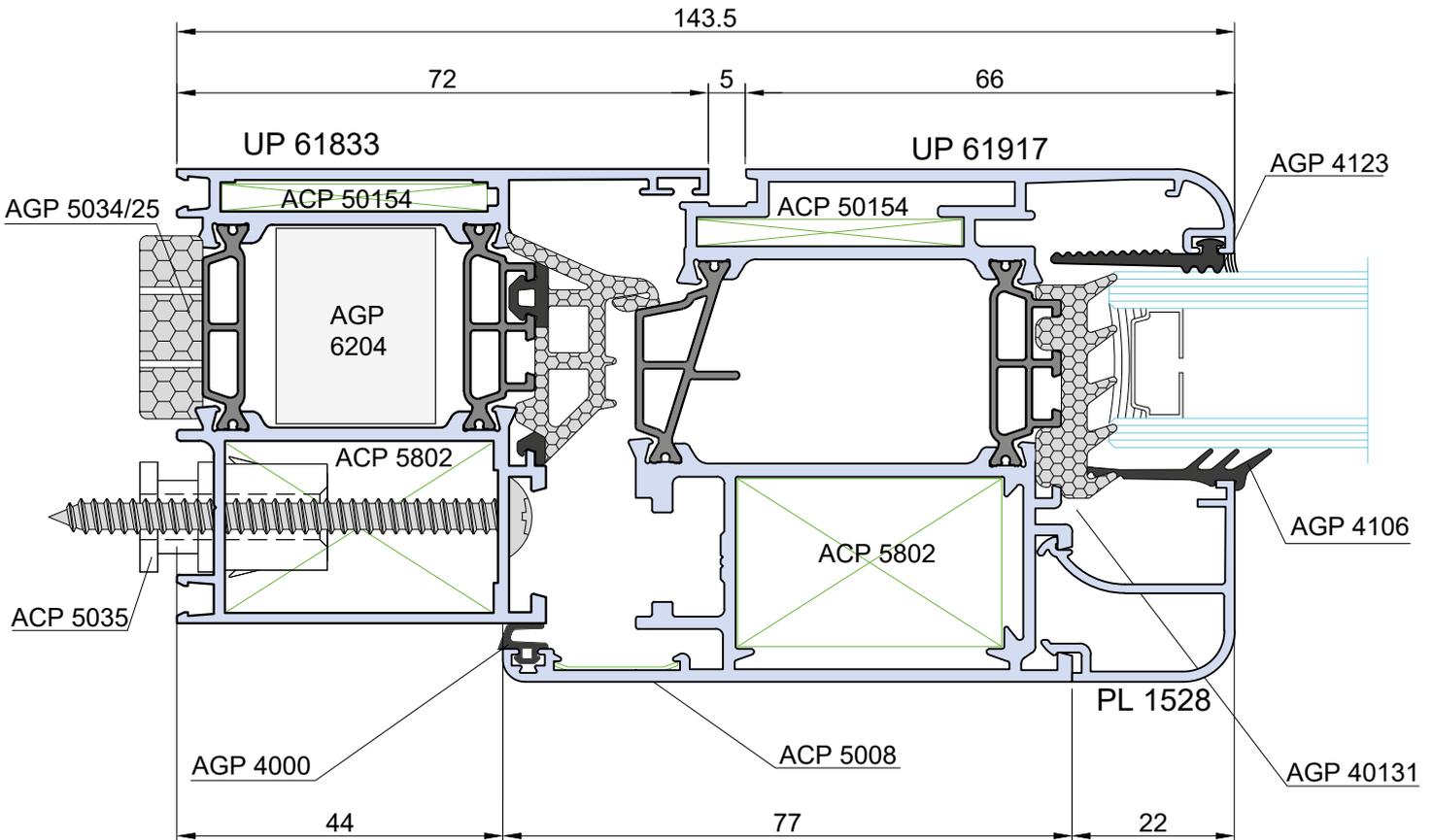
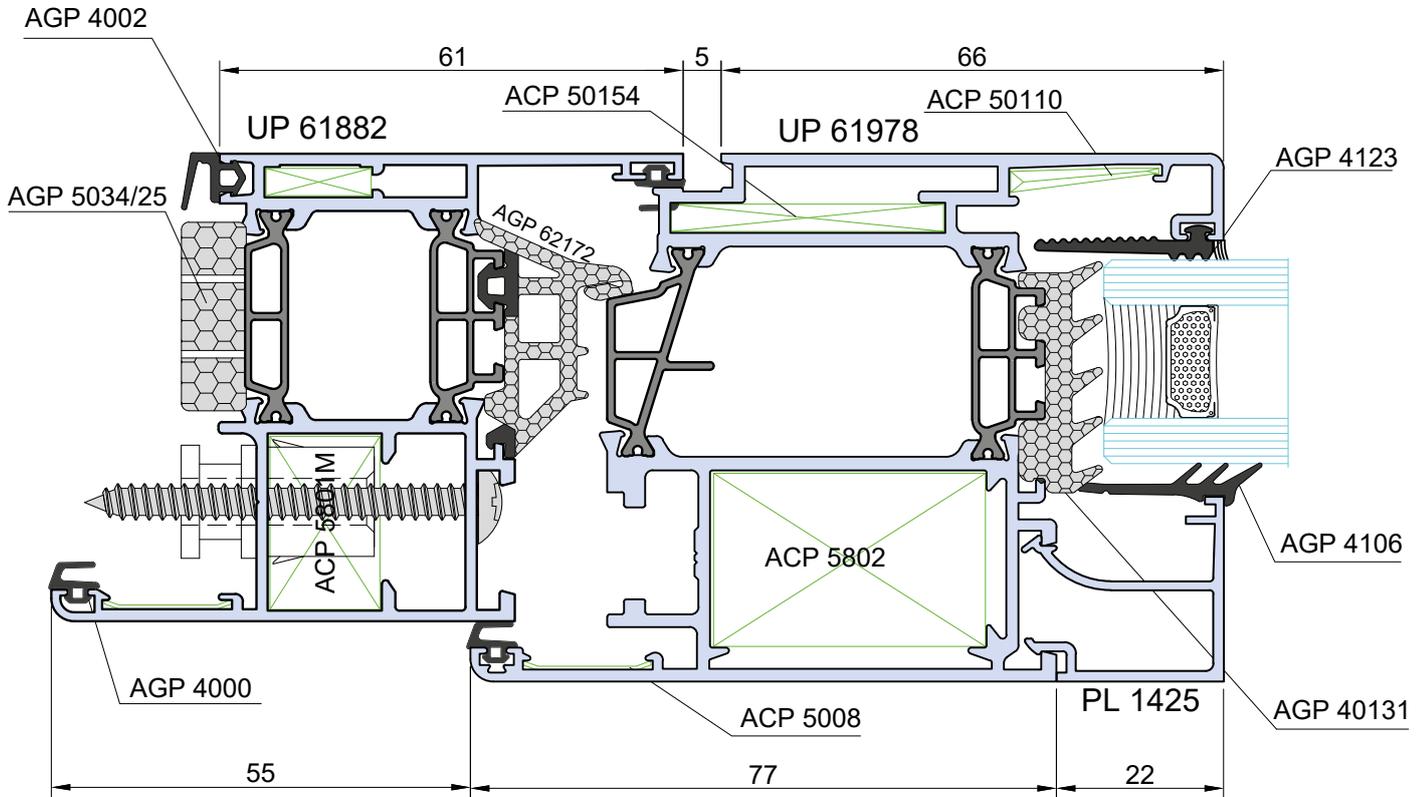
Inward opening - casement window - central section



NODO 04

Apertura interna - porta a battente - nodo laterale

Inward opening - casement door - lateral section



1

Montaggio tappo riporto centrale ACP 62181M

Application of the central cap ACP 62181M

- 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 62181M



- 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 62181M





E.C. 2201

27.09.2022

it's my window

PLANET 62 UP

Correzione

Si segnala che nel catalogo Planet 62 UP (Full Edition, **v1.0**) le pagg. 35-61-62 sono errate. Modificata immagine della barretta lato vetro.

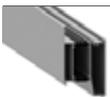
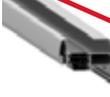
Vi invitiamo a sostituirle con le pagine che vi allegiamo in questa comunicazione.

*ATTENZIONE: per verificare la versione del catalogo in vostro possesso controllare il numero di edizione riportato in corrispondenza del pedice di ogni pagina e sul retro di copertina accanto al QR-Code.

PLANET 62 UP
SISTEMA
PER SERRAMENTI

alsistem.com

barretta lato
vetro

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 61848	Zoccolo riportato per ante lisce da 70mm fissaggio a vite <i>fitted base for 70mm smooth leaves</i>	2310	51.15 84.50
		UP 61849	Telaio a "Z" con battuta 25mm, spalla 42mm <i>"Z" frame with beat 25mm, wall 42mm</i>	1379	-
		UP 61850	Anta bombata maggiorata <i>oversized convex leaf</i>	1968	48.85 37.78
		UP 61851	Anta vetro infilare spazio spazio vetro 42mm <i>leaf base for beadless glass gap 42mm</i>	1540	38.10 15.10
		UP 61853	Traverso vetro infilare 94mm spazio vetro 42mm fissaggio a vite <i>94mm transom</i>	1888	30.94 38.60
		UP 61856	Anta vetro infilare bombata maggiorata spazio vetro 42mm <i>oversized convex leaf base for beadless glass gap 42mm</i>	1982	53.00 40.31
		UP 61857	Anta vetro infilare Yard spazio vetro 42mm <i>Yard leaf base for beadless glass gap 42mm</i>	1381	30.84 8.67
		UP 61860	Anta vetro infilare Yard spazio vetro 34mm <i>Yard leaf base for beadless glass gap 34mm</i>	1383	
		UP 61858	Fascia da 165mm per ante lisce da 70mm. Fissaggio a vite <i>165mm band for 70mm smooth doors. Screw fixing</i>	3302	74.93 241.63
		UP 61859	Zoccolo da 165mm per ante lisce da 70mm. Fissaggio a vite <i>165mm plinth for 70mm smooth doors. Screw fixing</i>	3303	75.41 241.74

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

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

PLANET 62 UP v1.0
Aluminum casement system with thermal break

35

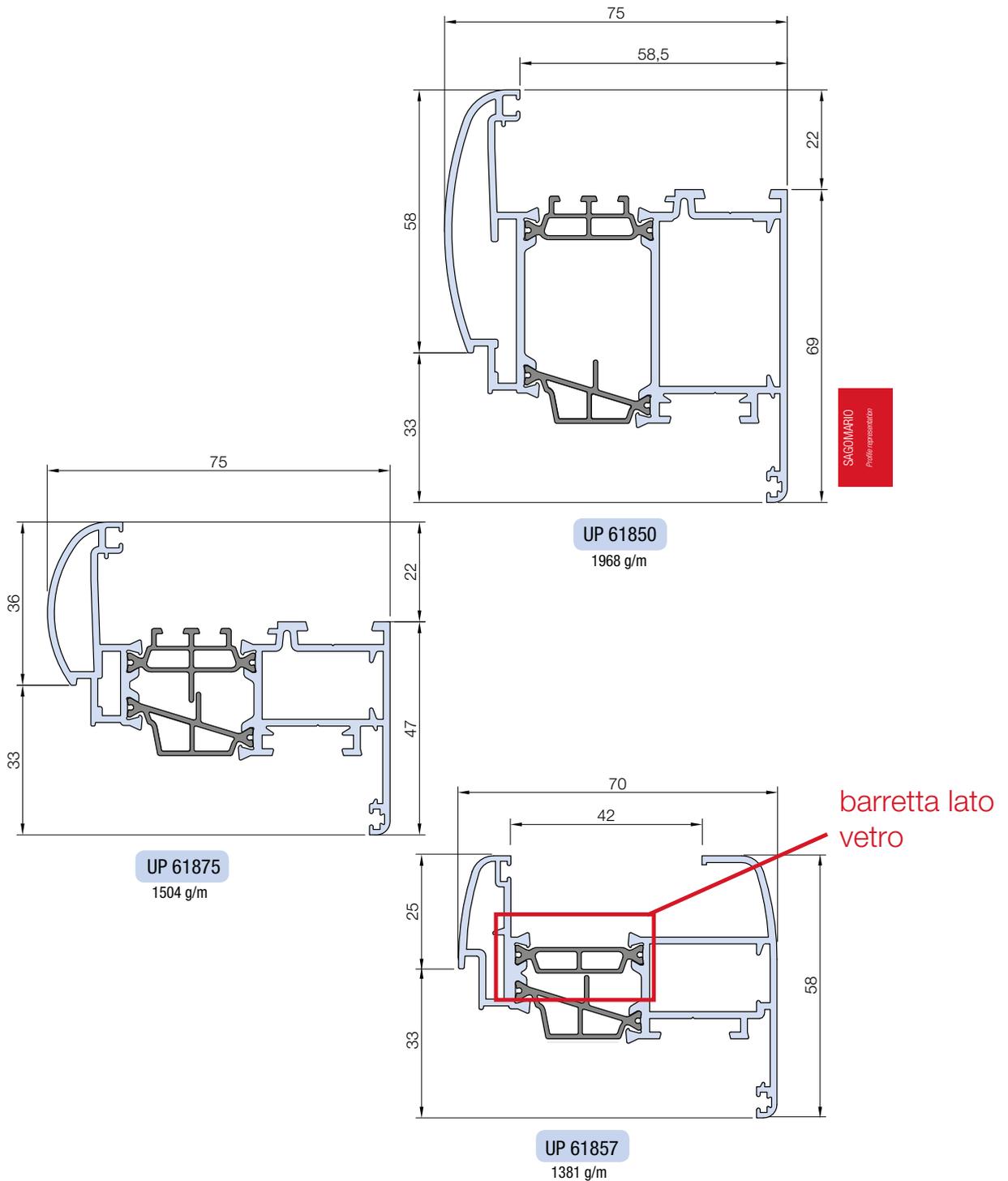
Segue pagine corrette da sostituire al vostro catalogo

PLANET 62 UP

SISTEMA
PER SERRAMENTI



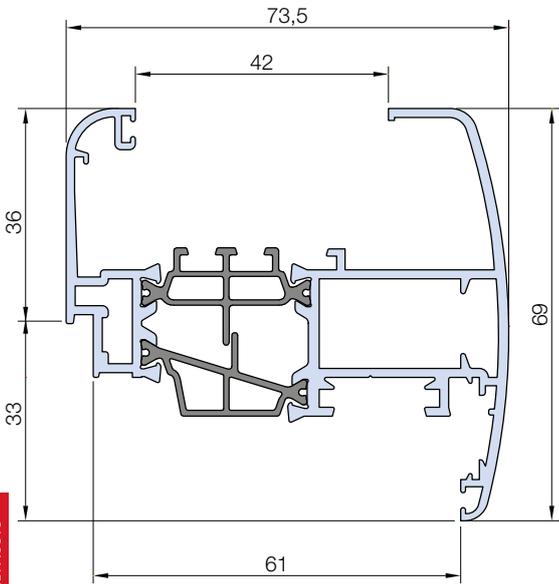
alsistem.com



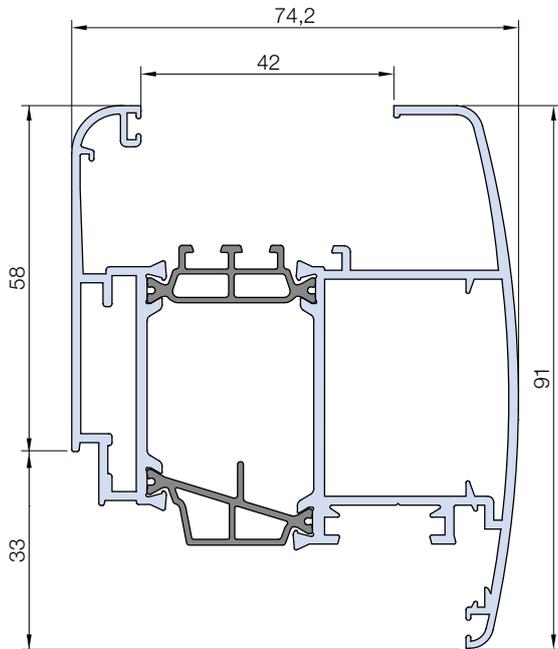
PROFILI, ACCESSORI E GUARNIZIONI DI QUESTO CATALOGO SONO
DI PROPRIETÀ DI ALSISTEM, TITOLARE DI TUTTI I DIRITTI DI ESCLUSIVA

PLANET 62 UP v1.0
Aluminum casement system with thermal break

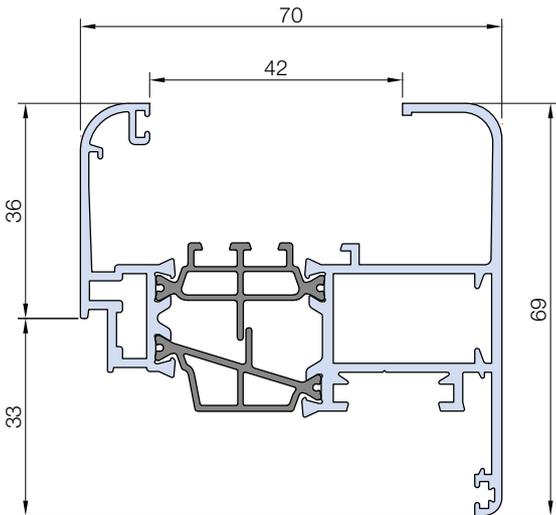
61



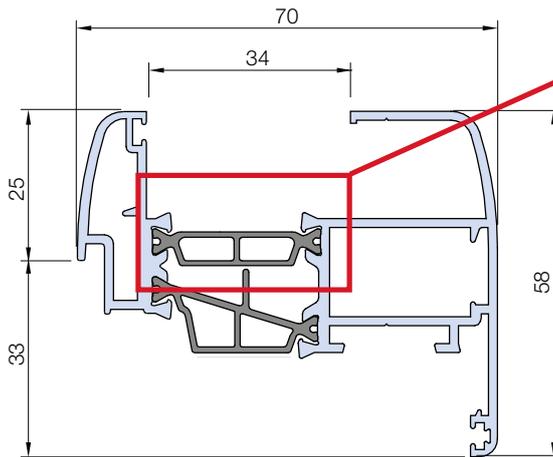
UP 62851
1577 g/m



UP 61856
1982 g/m



UP 61851
1540 g/m



UP 61860
1383 g/m

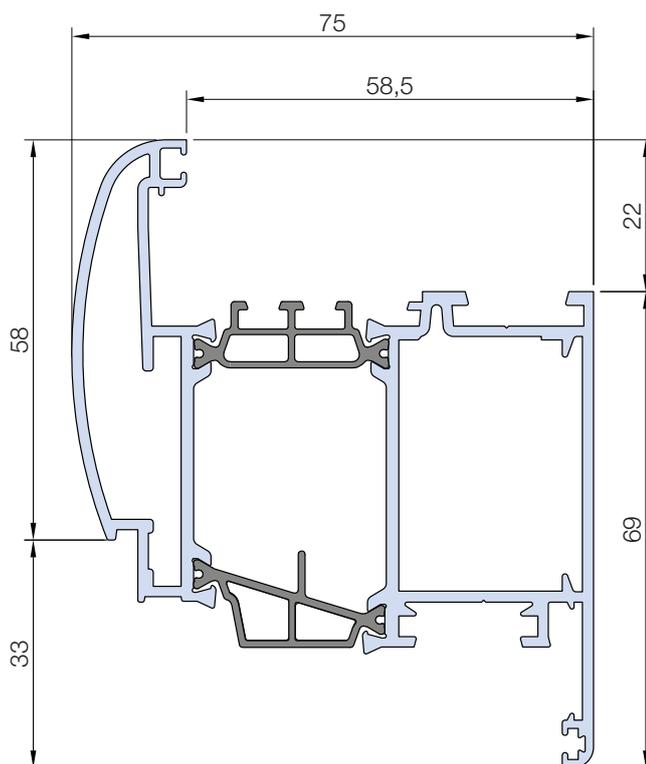
barretta lato
vetro

PLANET **62 UP**

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm ⁴ Jyy cm ⁴
		UP 61848	Zoccolo riportato per ante lisce da 70mm fissaggio a vite <i>fitted base for 70mm smooth leaves</i>	2310	51.15 84.50
		UP 61849	Telaio a "Z" con battuta 25mm, spalla 42mm <i>"Z" frame with beat 25mm, wall 42mm</i>	1379	-
		UP 61850 *	Anta bombata maggiorata <i>oversized convex leaf</i>	1968	48.85 37.78
		UP 61851	Anta vetro infilare spazio spazio vetro 42mm <i>leaf base for beadless glass gap 42mm</i>	1540	38.10 15.10
		UP 61853	Traverso vetro infilare 94mm spazio vetro 42mm fissaggio a vite <i>94mm transom</i>	1888	30.94 38.60
		UP 61856 *	Anta vetro infilare bombata maggiorata spazio vetro 42mm <i>oversized convex leaf base for beadless glass gap 42mm</i>	1982	53.00 40.31
		UP 61857	Anta vetro infilare Yard spazio vetro 42mm <i>Yard leaf base for beadless glass gap 42mm</i>	1381	30.84 8.67
		UP 61860 *	Anta vetro infilare Yard spazio vetro 34mm <i>Yard leaf base for beadless glass gap 34mm</i>	1383	
		UP 61858	Fascia da 165mm per ante lisce da 70mm. Fissaggio a vite <i>165mm band for 70mm smooth doors. Screw fixing</i>	3302	74.93 241.63
		UP 61859	Zoccolo da 165mm per ante lisce da 70mm. Fissaggio a vite <i>165mm plinth for 70mm smooth doors. Screw fixing</i>	3303	75.41 241.74

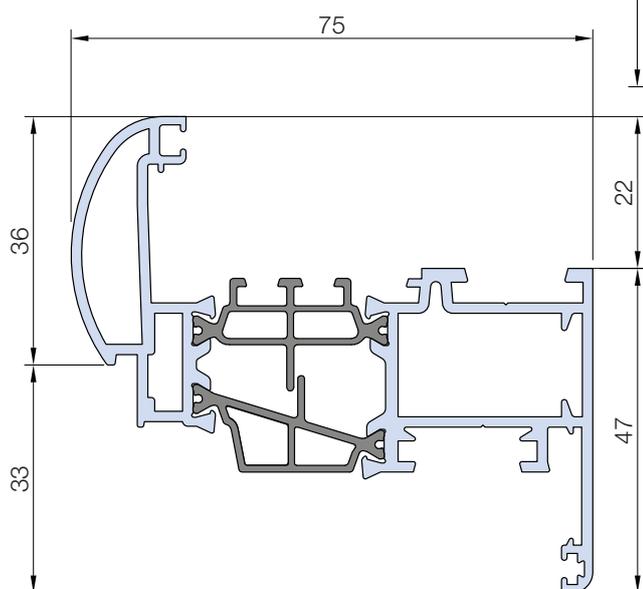
ELENCO PROFILI
List of profiles

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



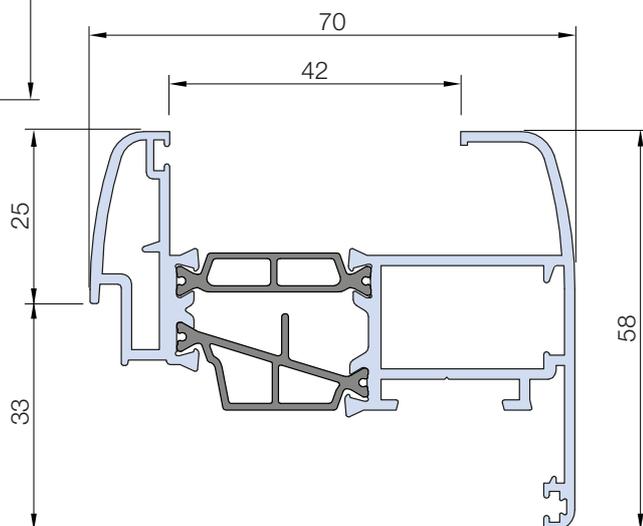
UP 61850

1968 g/m



UP 61875

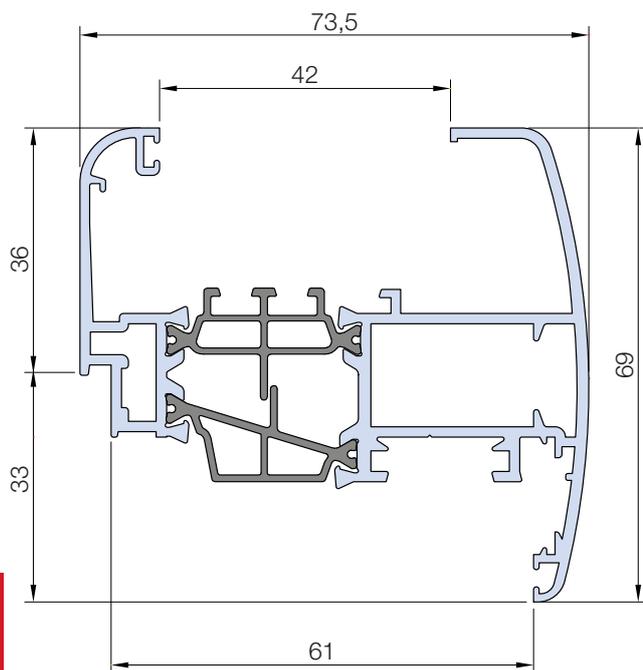
1504 g/m



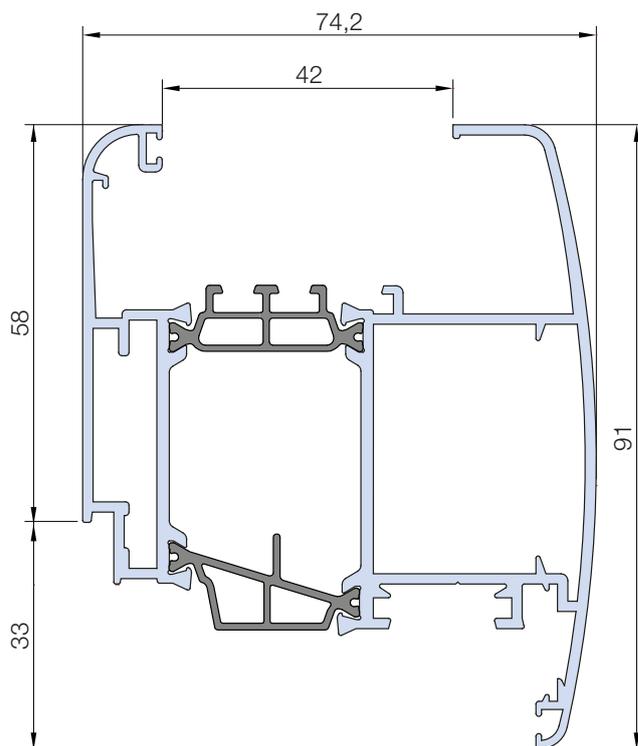
UP 61857

SAGOMARIO
Profile representation

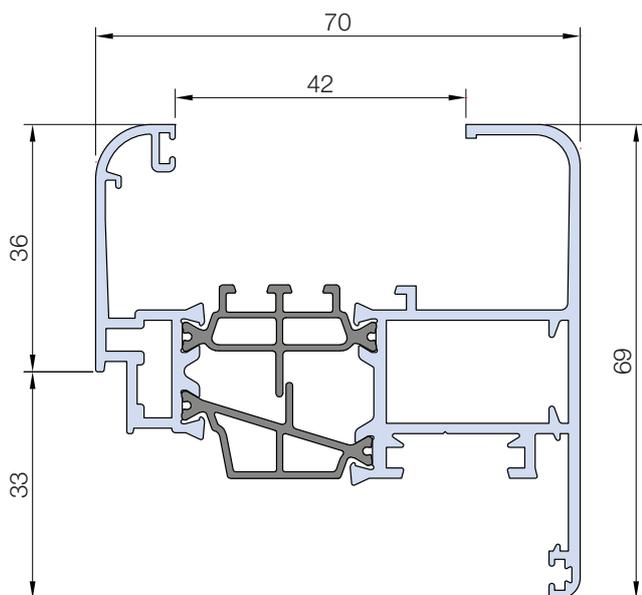
SAGOMARIO
Profile representation



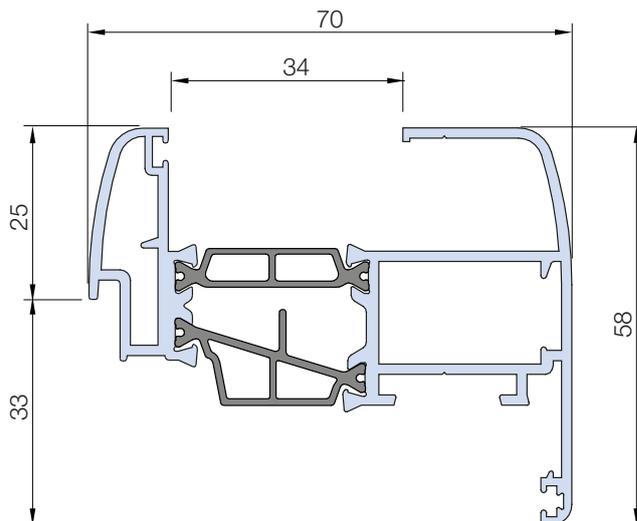
UP 62851
1577 g/m



UP 61856
1982 g/m



UP 61851
1540 g/m



UP 61860
1383 g/m



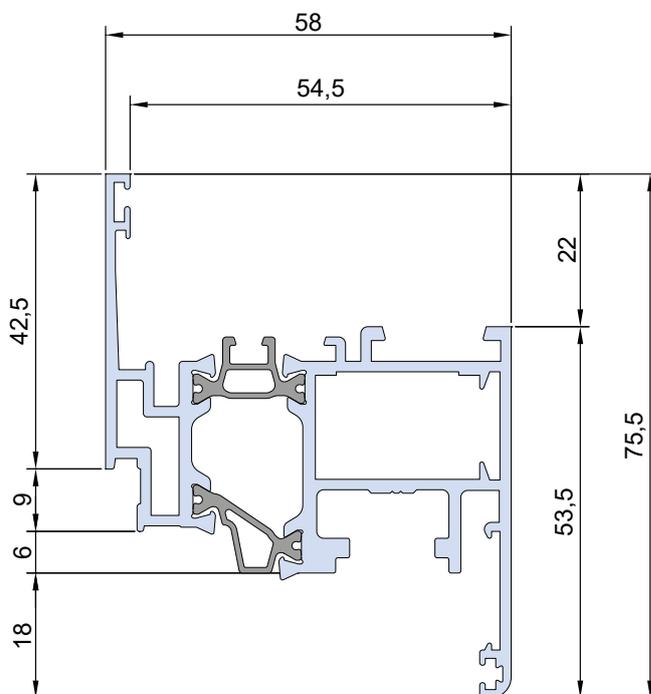
Info prodotto 2201

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

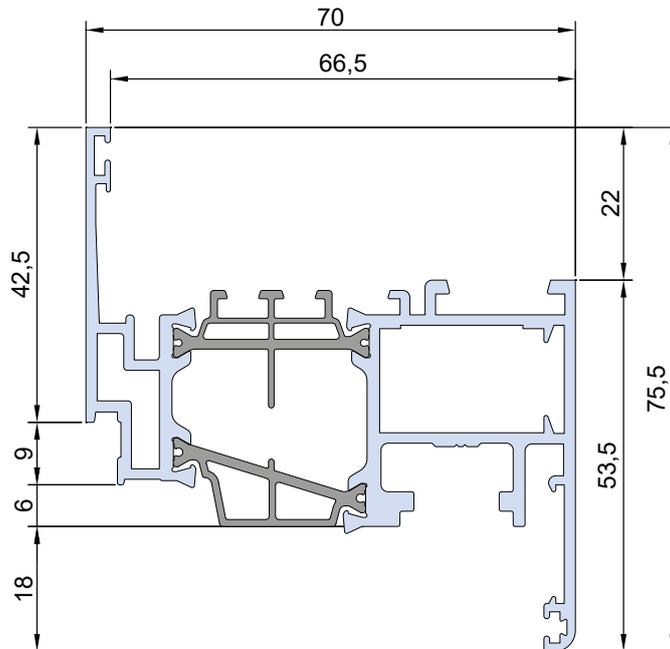


Info prodotto 2201

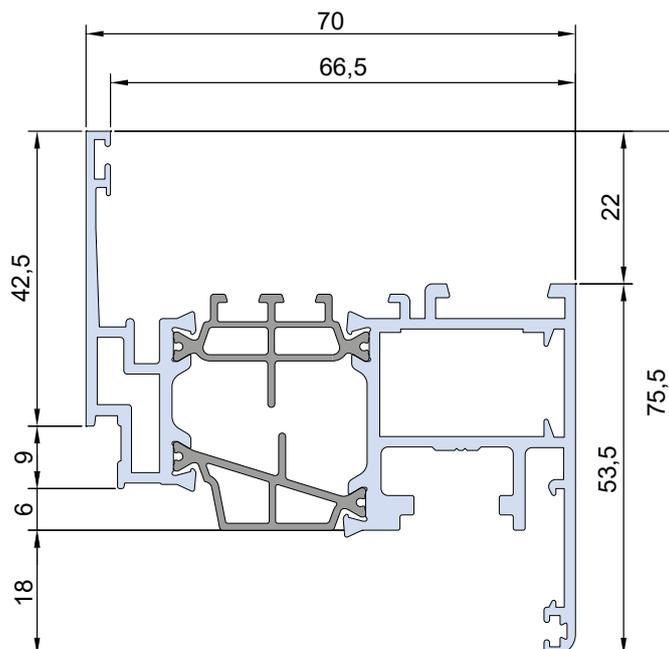
1.06.2022

alsistem.com

TT 61911
1659 gr/m



UP 61911
1617 gr/m

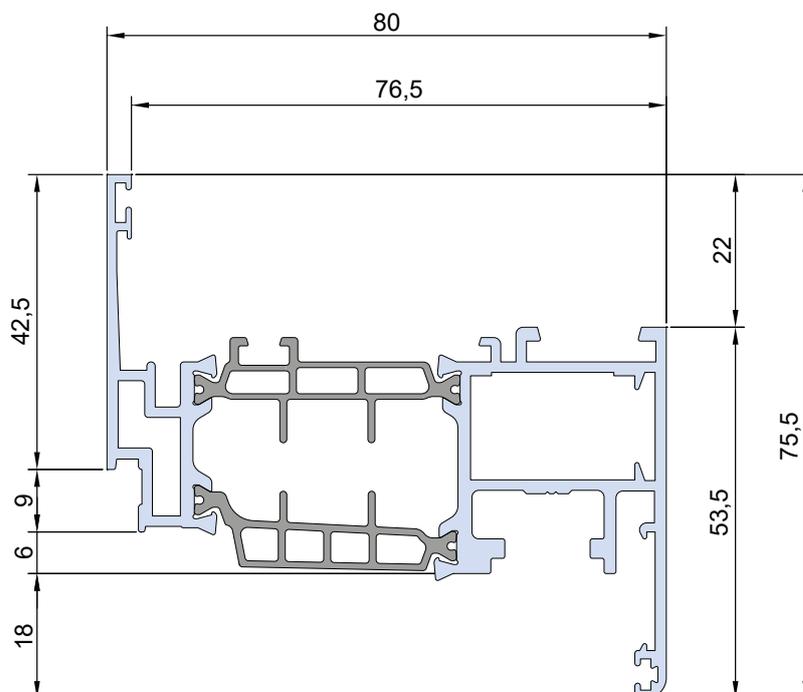




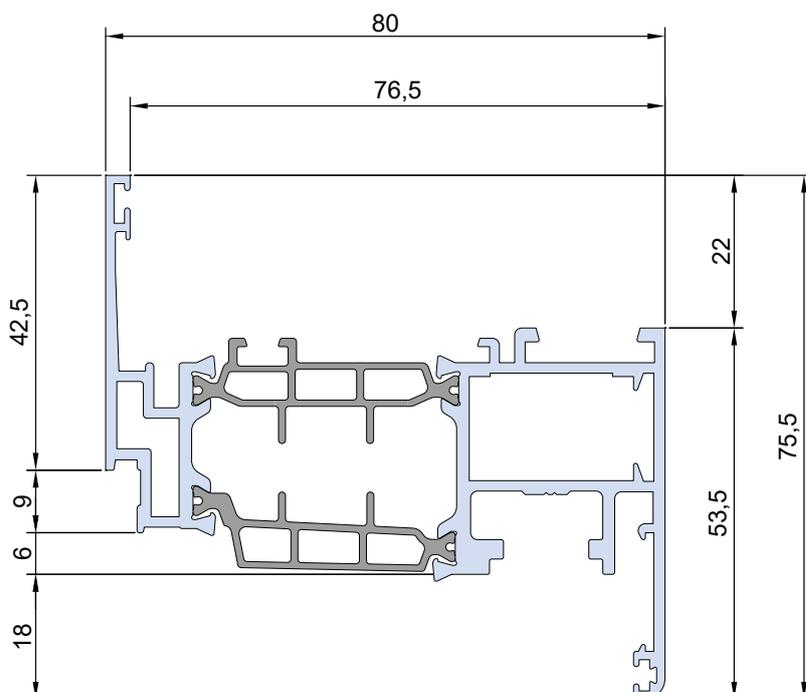
Info prodotto 2201

1.06.2022

TT 71911
1727 gr/m



UP 71911
1650 gr/m

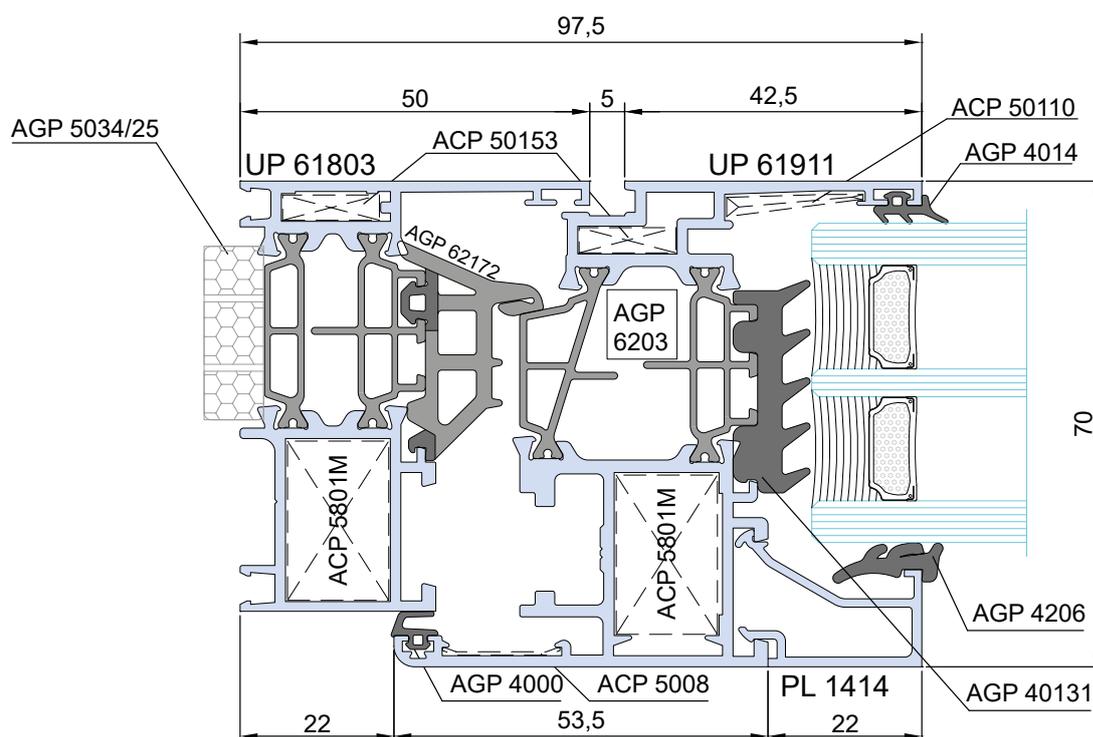




Info prodotto 2201

1.06.2022

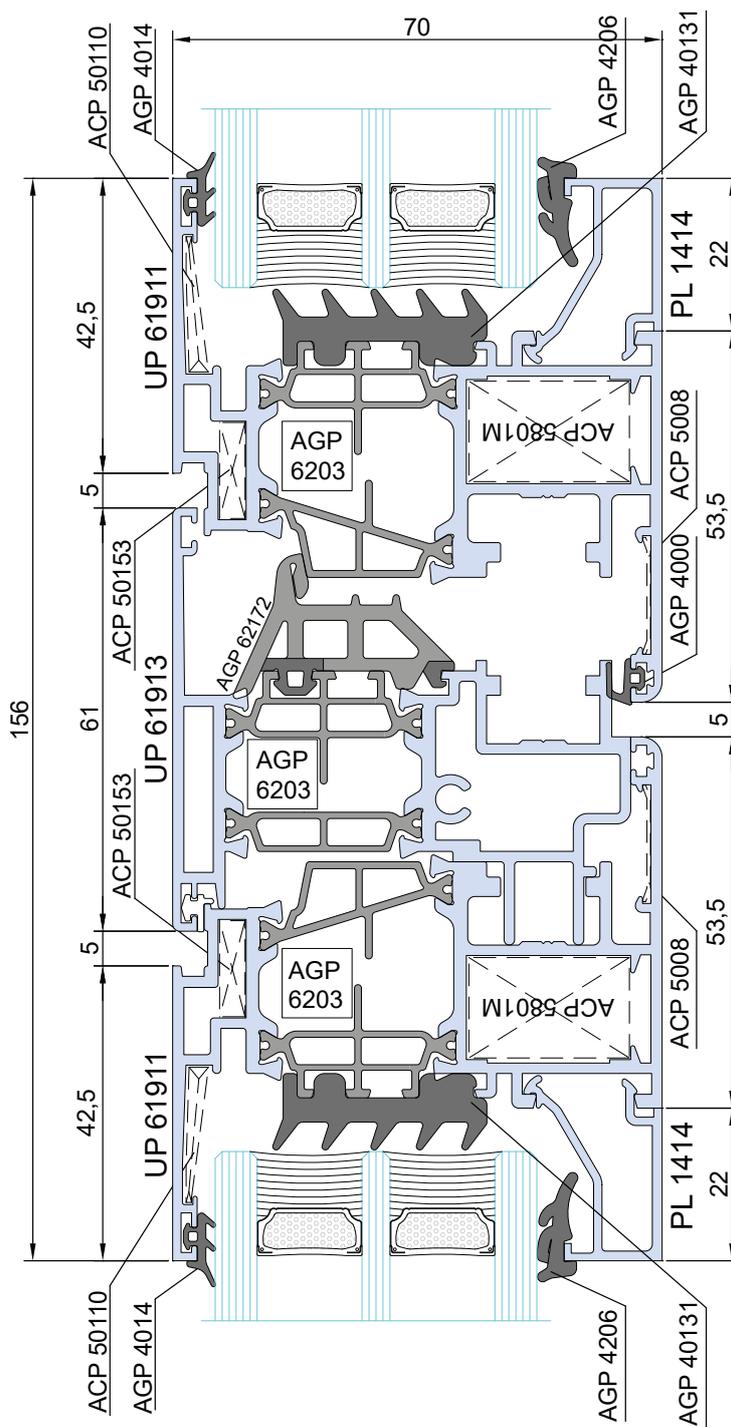
alsistem.com





Info prodotto 2201

1.06.2022





Info prodotto 2202

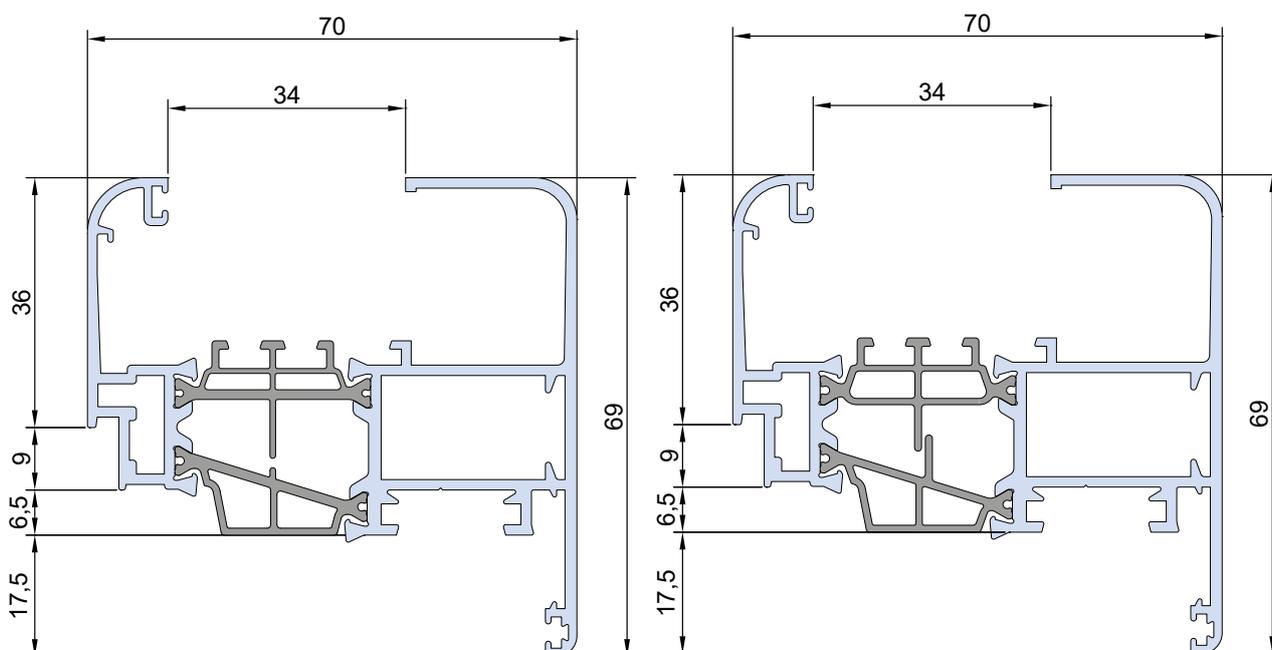
01.06.2022

alsistem.com

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

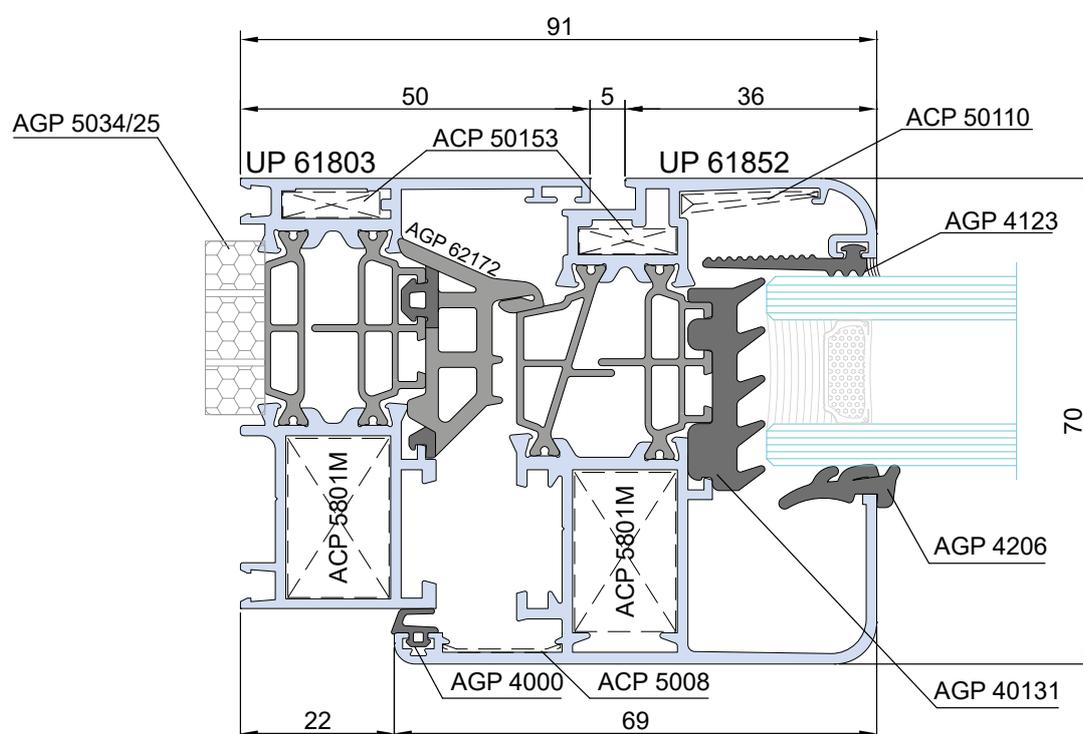
1572 gr/m

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

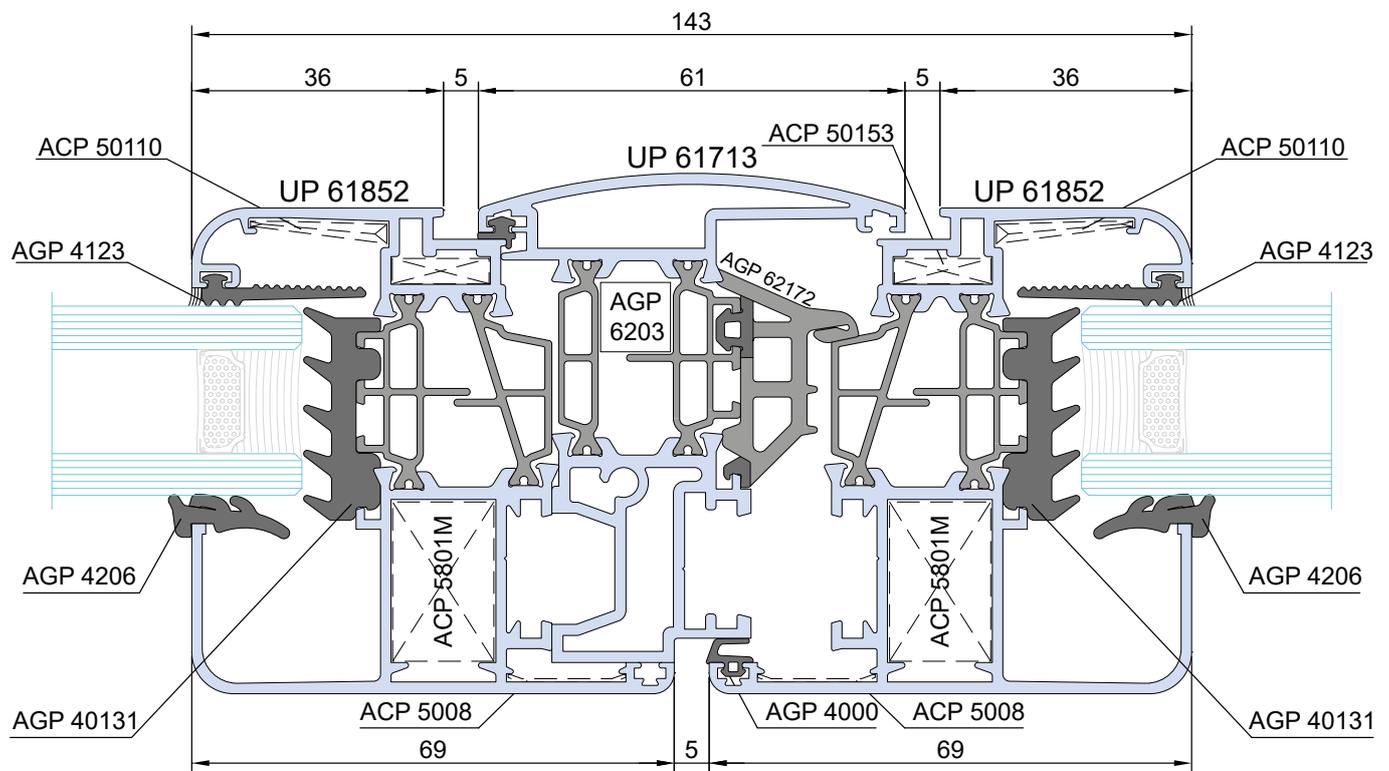




Info prodotto 2202

01.06.2022

it's my window



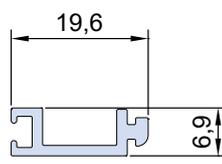


Info prodotto 2204

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	

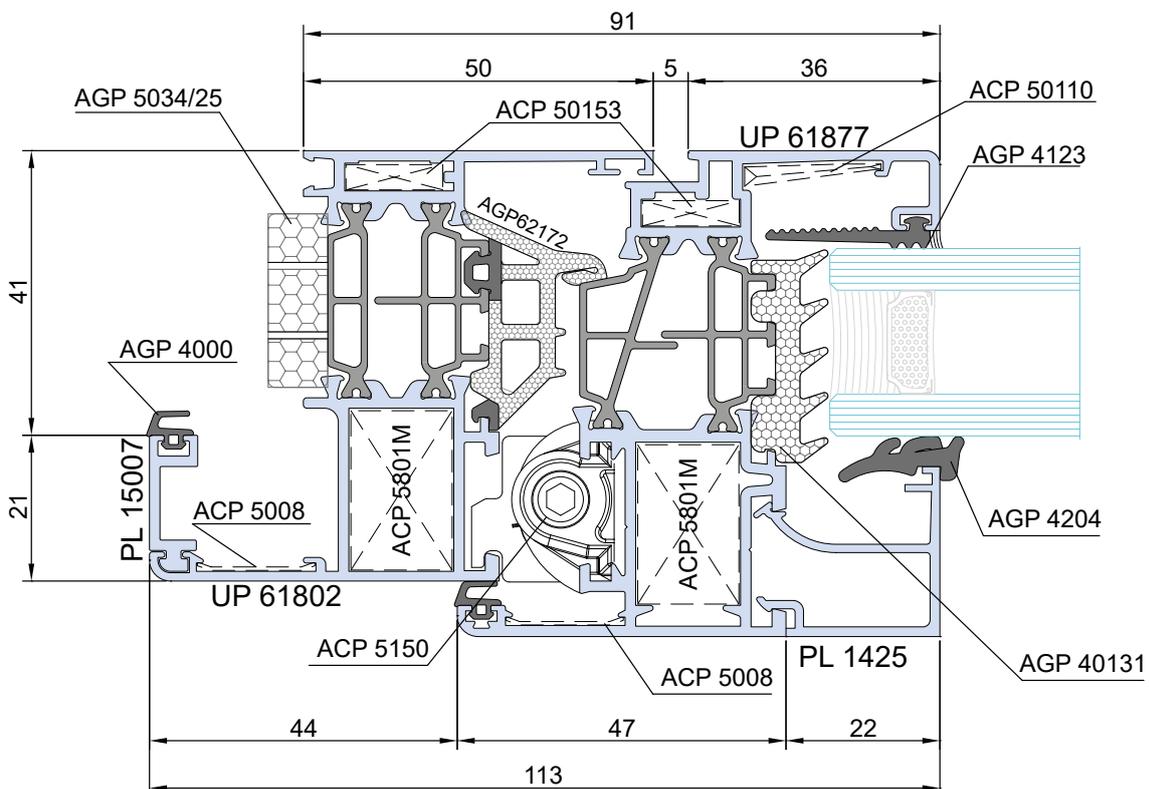
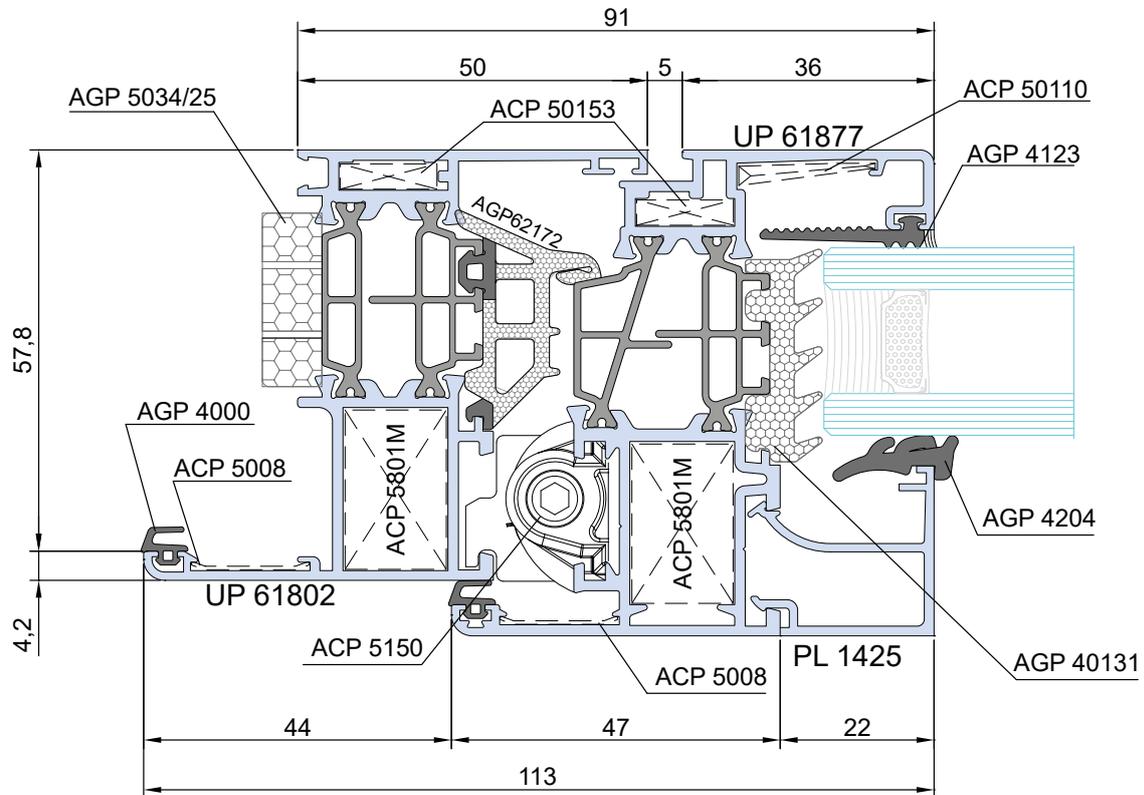


Info prodotto 2204

01.06.2022

it's my window

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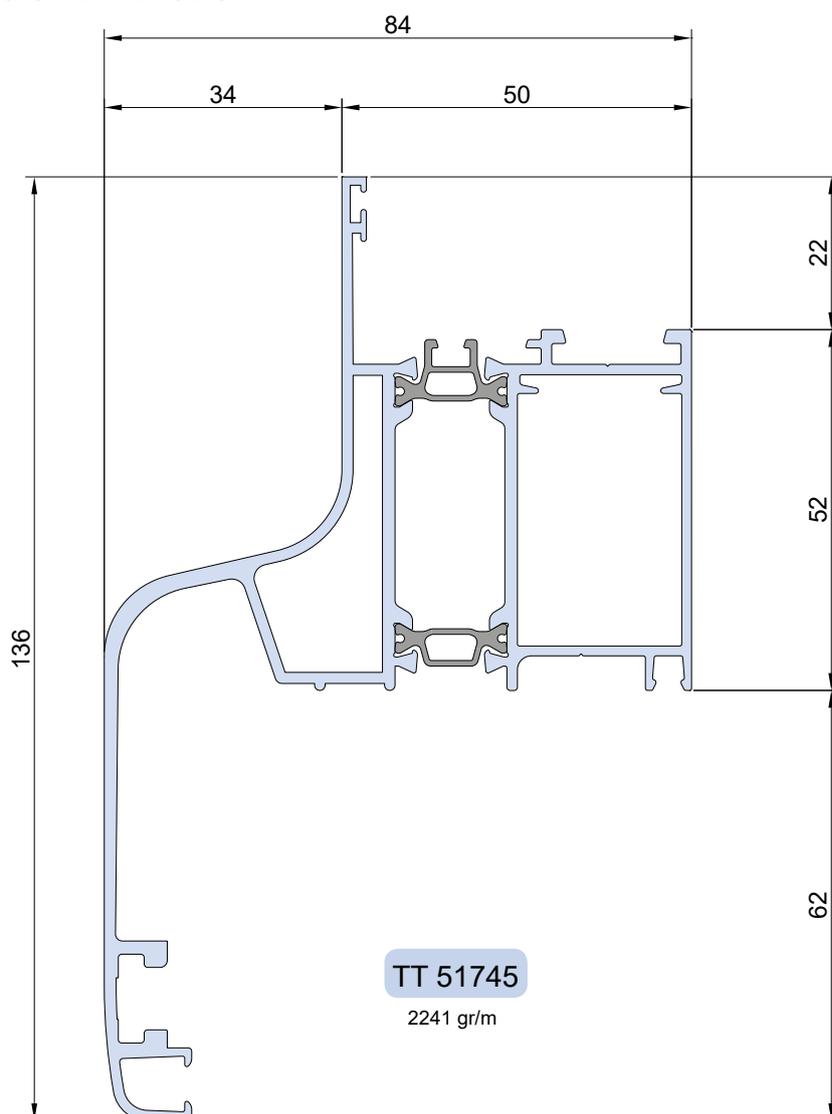
Info prodotto 2207

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.

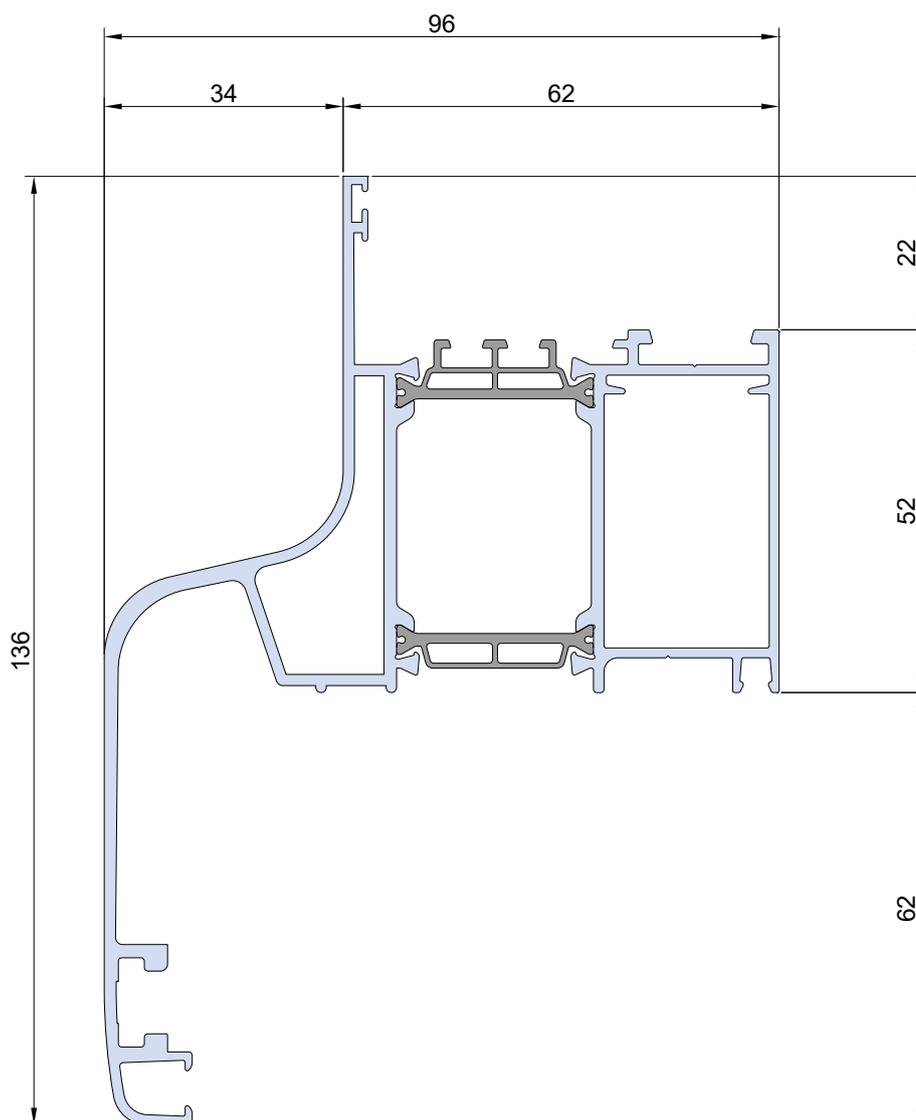


EasyDoor
Ecoslim 50 TT
Ecoslim 62 TT
Ecoslim 62 UP
Ecoslim 72 TT
Ecoslim 72 UP
Elite Door 72
Door 62
Door 72
Sirio 50
Smart 30
Planet 45
Planet 50 PLUS
Planet 62 PLUS
Planet 62 UP
Planet 72 PLUS
Planet 72 UP
Matic 50 PLUS
Matic 62 PLUS
Matic 62 UP
Matic 72 PLUS
Matic 72 UP
3G
3G UP
Matic 3G
Matic 3G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

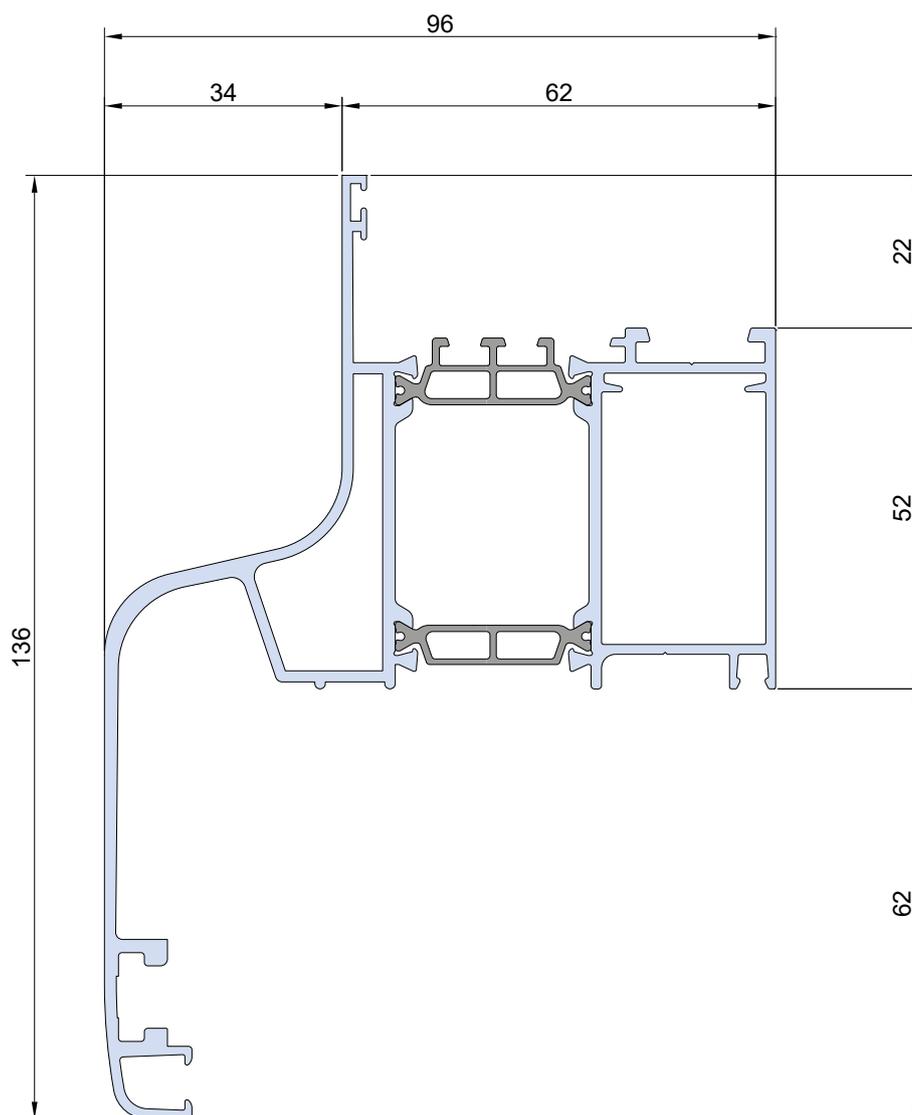
2315 gr/m



it's my window

Info prodotto 2207

01.06.2022



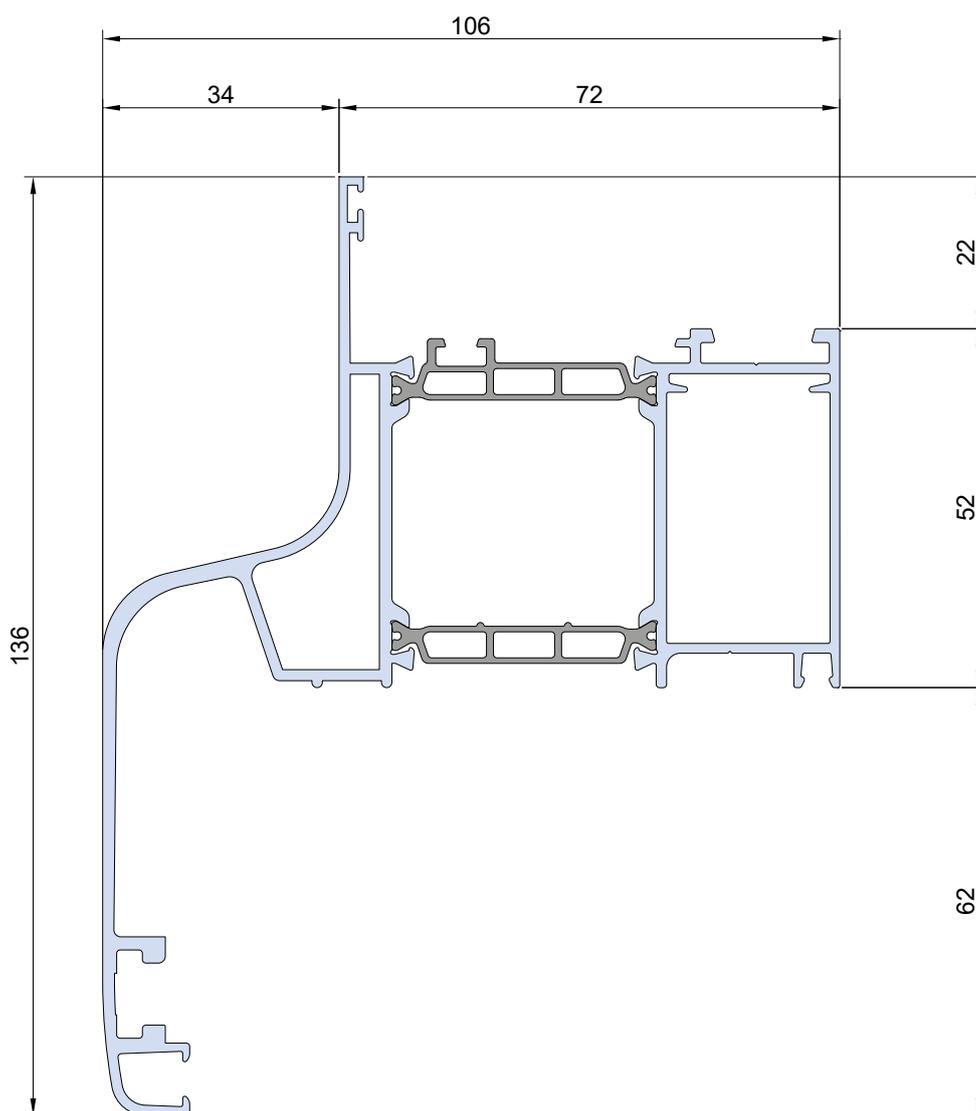
UP 61745

2276 gr/m



Info prodotto 2207

01.06.2022



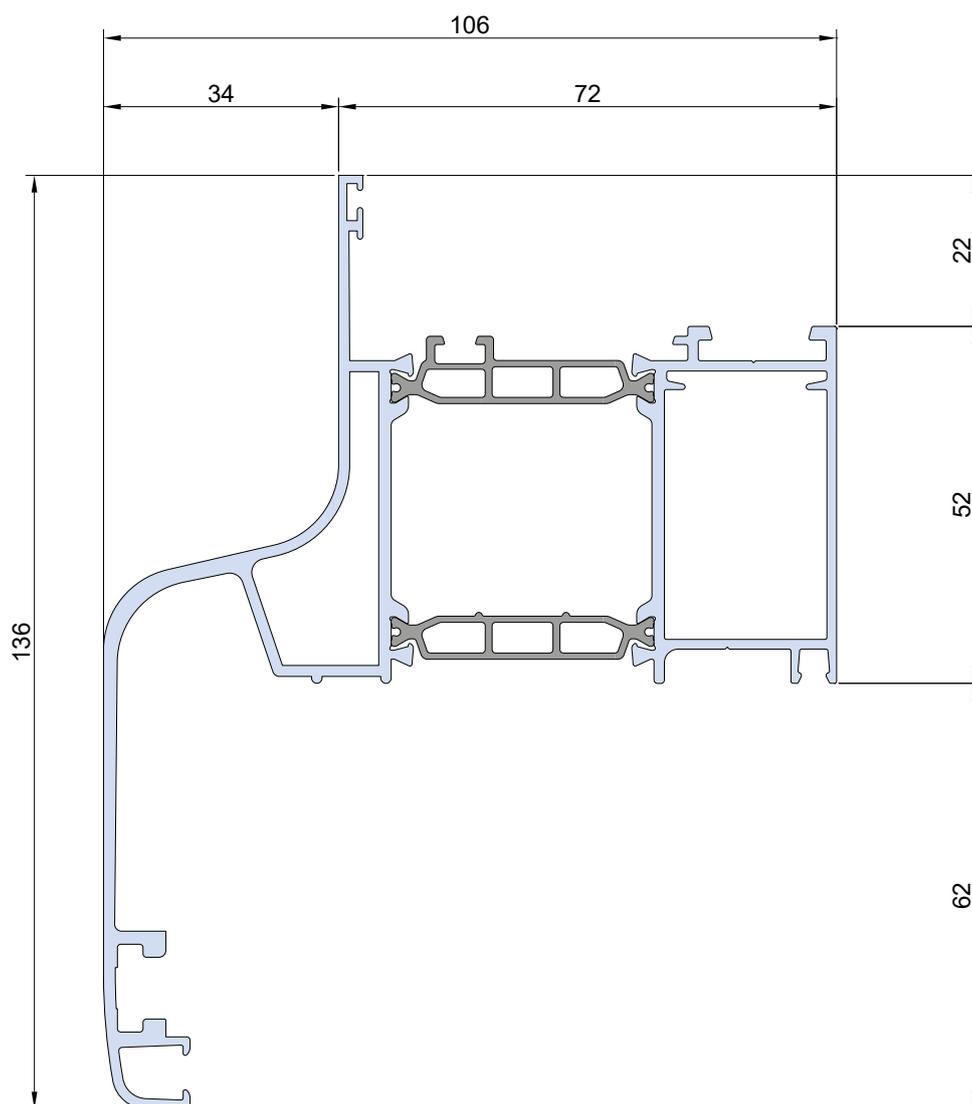
TT 71745

2356 gr/m



Info prodotto 2207

01.06.2022



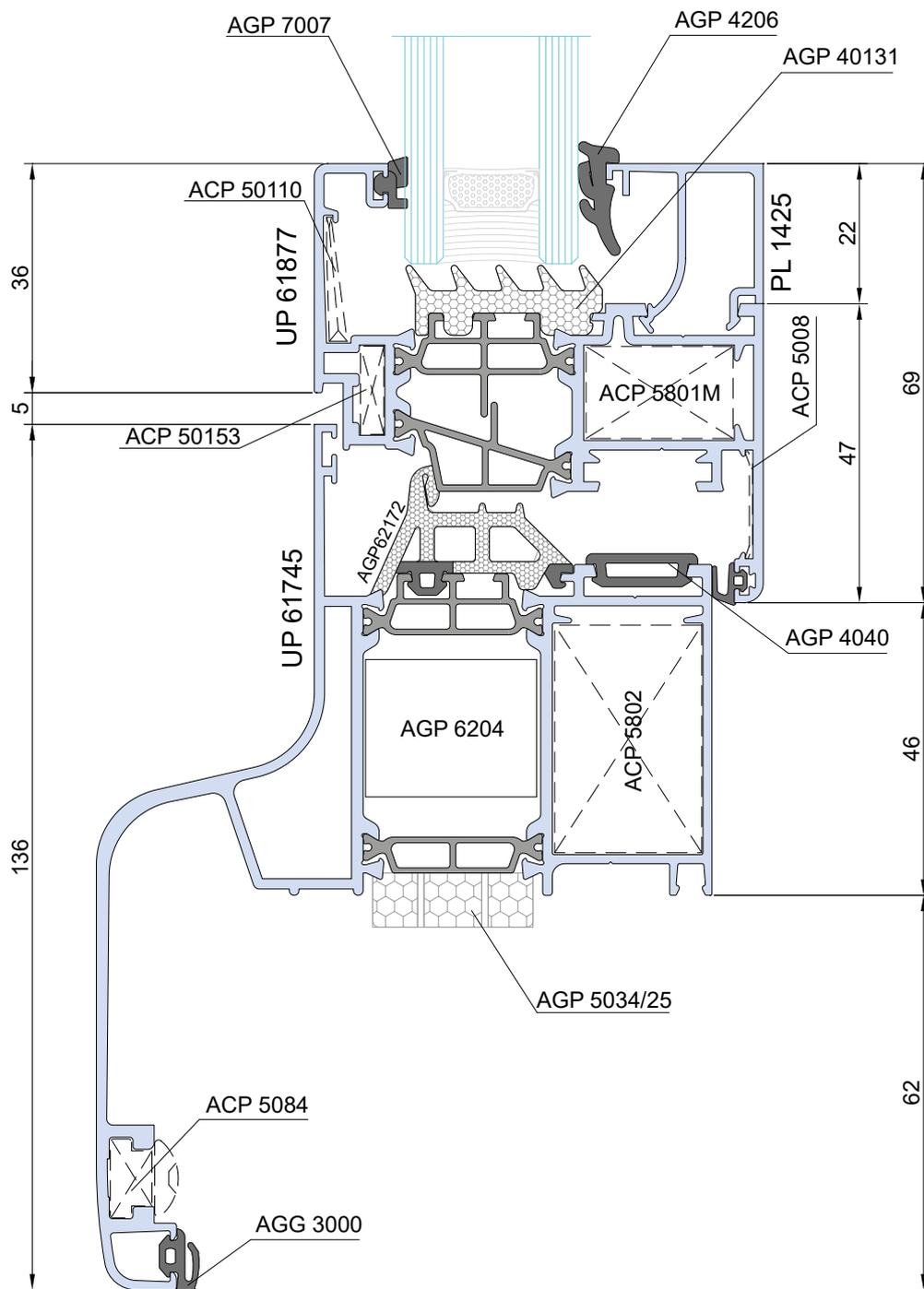
UP 71745

2296 gr/m



Info prodotto 2207

01.06.2022



NOTE

Area for notes with horizontal dotted lines.

Sistemi a battente alluminio-legno



NATHURA 59

Sistema alluminio/legno per serramenti non isolati ad elevata ermeticità

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



NATHURA 70 - 82 - 92

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

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

Sistemi scorrevoli e alzanti alluminio-legno



SLIDE WOOD 160

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

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



TOP SLIDE WOOD 214 PLUS 214 UP

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

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

Sistemi per porte



PLANET DOOR 62 DOOR 72

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

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



EASY DOOR

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

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



PLANET 53

Sistema termicamente non isolato per porte complanari

Flush door system

Sistemi oscuranti



PLANET 45 persiana Venere Pro

Persiane in alluminio con sistema orientabile Venere Pro

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

Sistemi per facciate



SIRIO 50

Sistema per facciate continue montanti e traversi

Stick-built curtain wall systems



SIRIO 50 SG

Sistema per facciate continue montanti e traversi con vetro strutturale

Structural curtain wall with transom/mullion



SIRIO 50 I

Sistema per facciate continue a nastro

Ribbon windows system

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