SLIDE 106 plus

Sistema a taglio termico per serramenti scorrevoli e alzanti con sezione telaio di 106mm. Rivoluziona il mercato grazie agli eccellenti risultati ermetici ed acustici. Completo e versatile, comprende tutte le soluzioni: finestra e portafinestra nelle versioni monovia, con anta a scomparsa, 2 e 3 vie, con soglia ribassata.

Per adattarsi alle esigenze estetiche contemporanee il sistema si arricchisce del nodo centrale con sezione di soli 59mm.

Thermal break system for lift and slide frames with 106mm frame section.
Has revolutionised the market due to excellent thermal and acoustic results.
Complete and versatile, includes all solutions: one-way windows and French doors with concealed leaf, 2 and 3-way versions with lowered sill.
The system is enhanced by the central node with a section of only 59mm to suite the new esthetic requirements.

Prove fisico meccaniche su portafinestra 2200 x 2400mm

Permeabilità all'aria: **Classe 4**

Tenuta all'acqua: **Classe E1500**

Resistenza al vento: **Classe B4**

Isolamento Acustico: **39 dB**

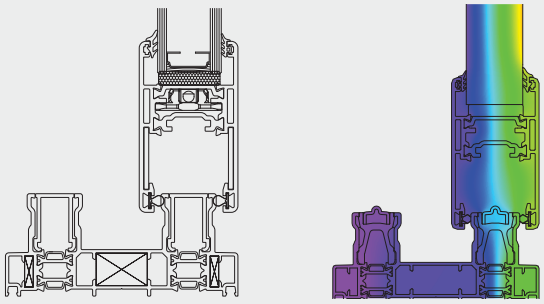
Valore ottenuto su uno scorrevole 2200 x 2400mm con vetrocamera da 66.1/15/44.2.

Uw Isolamento termico: **1.18 W/m²K** Valori uf anta plus + AGP1601

Valori ottenuti per una finestra con dimensioni normalizzate secondo UNI EN 14351-1 (1,23m [± 25%] x 2,18m [± 25%]) con doppio vetrocamera Ug 0,5W/m2K e psi 0,030.

Uw Isolamento termico: **1.53 W/m²K** Valori uf anta plus + AGP1601

Valori ottenuti per una finestra con dimensioni normalizzate secondo UNI EN 14351-1 (1,23m [± 25%] x 2,18m [± 25%]) con vetrocamera Ug 1,00W/m2K e psi 0,035.



- Nodo centrale ridotto, solo 59mm
- Serie scorrevole e alzante a taglio termico marcata CE
- Sezione telaio 106mm
- Sezione anta 45mm
- Mostra architettonica nodo centrale 90mm/59mm
- Sistema con spazzolino per versione scorrevole, con guarnizioni per versione alzante
- Sistema di isolamento termico con barrette complanari sulle ante e complanari - tubolari sui telai
- Ferramenta sia scorrevole che alzante con portate fino a 200kg
- Guide acciaio inox AISI 316

- *Lowered central section, just 59mm*
- *Slide and lift and slide series with thermal break CE marked*
- *Frame section 106mm*
- *Sash section 45mm*
- *Architectural show central section 90mm/59mm*
- *System with brushes for sliding version, gaskets for lift and slide version*
- *Thermal insulation system with complanar bars on the sash doors and complanar/tubular on frames*
- *Slide and lift and slide hardware up to 200kg capacity*
- *AISI 316 stainless steel rails*

SISTEM

SLIDE 80/106 plus

Sistema per serramenti
scorrevoli e alzanti
a taglio termico

alsistem.com

Sistemi a battente

PLANET45

Sistema per serramenti non isolati a camera europea ad elevata ermeticità

Weatherproof European chamber non-insulated window and door systems.

PLANET 50TT 62TT neo 62 72HT

Sistema a taglio termico al top della gamma Planet 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 50TT 62TT 72HT

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

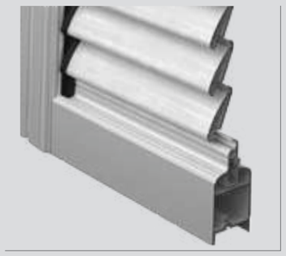
Thermal break systems with perimeter hardware for high-performance thermal and acoustic-proof windows and doors

SMART30

Sistemi modulari in alluminio a camera europea

Modular aluminum system, euro groove

Sistemi oscuranti



PLANET45 persiana VENERE PRO

Persiane in alluminio a camera europea con sistema di tenuta a doppio battente ed esclusivo sistema orientabile Venere Pro

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

easysun LE SOLE AL TUO COMANDO

Sistema integrato infisso/finestra+tenda da sole oscurante. Semplice da installare, con una vasta gamma di colori e soluzioni

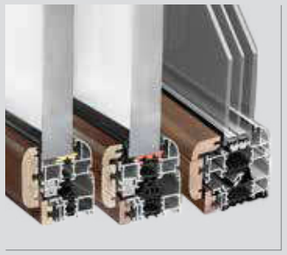
The awning blind fully integrated to your window.
It is simple to install and, with a wide range of colors and solutions

Sistemi a battente alluminio-legno

NATHURA59

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 WOOD160

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

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

TOP SLIDE WOOD214

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

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STAMPATO IN ITALIA IN OTTOBRE 2015

Traccia per capitolato

Infissi scorrevoli o alzanti scorrere in alluminio realizzati con la gamma per serramenti a taglio termico SLIDE.

I profilati sono estrusi in lega di alluminio 6060 (UNI9006/1), stato di fornitura T5 con tolleranze dimensionali e spessori conformi alla norma UNI EN 755-9 e UNI12020-2. L'isolamento termico sarà costituito da un doppio isolamento sul telaio fisso utilizzando barrette da 16mm tubolari e da barrette da 32mm sulle ante, tutte in poliammide 6.6 rinforzato al 25% con fibre di vetro; l'assemblaggio delle barrette avviene 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 80/106mm mentre le parti apribili avranno una profondità di 40/45mm. Il sistema di tenuta sarà con guarnizioni termoplastiche coestruse, nella versione alzante e con spazzolini in polipropilene con pinna centrale tassativamente in tessuto nella versione scorrevole. I profili sono stati concepiti con linee lisce o arrotondate sia in versione ad infilare che con fermavetri con taglio a 90°. La soglia dovrà avere i binari in poliammide caricato vetro al 25% con rotaia in acciaio inox AISI 316, con possibilità di sostituzione in caso di usura. La sigillatura dei vetri dovrà avvenire secondo le indicazioni riportate nel catalogo e solo ed esclusivamente con guarnizioni fermavetro originali.

Apposite asole di drenaggio dovranno essere previste sul telaio fisso e su quello mobile al fine di permettere il corretto drenaggio del serramento. La scelta dei profili sarà in funzione delle caratteristiche geometriche e dimensionali dell'infisso, della portata degli accessori e dei carichi di esercizio. Gli accessori utilizzati nella fabbricazione delle diverse tipologie dovranno essere solo ed esclusivamente quelli originali studiati appositamente per il sistema, riportati a catalogo e distribuiti dai licenziatari ALsistem, l'utilizzo di prodotti diversi da quelli indicati oppure il montaggio parziale o scorretto degli stessi comporterà la nullità dei certificati di prova e garanzia. La fabbricazione e la posa dovranno avvenire secondo i criteri di lavoro indicati da ALsistem. L'assemblaggio dei profili avverrà con squadrette in alluminio pressofuso a spinare o multifunzione, i tagli dovranno essere protetti a mezzo di 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 EN 755.3.

Lo stato di fornitura è in classe T5 e T6 secondo norma EN 755.2. Le tolleranze dimensionali sono conformi alla UNI 12020-2 : 2001.

Caratteristiche tecniche e dimensionali

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

Sistema di tenuta: con guarnizioni termoplastiche o in spugna rivestita, a palloncino o spazzolini in polipropilene con pinna in tessuto

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

Sistema di isolamento termico ante: realizzato con distanziali in poliammide da 32mm

Sistema di accessori: scorrevole o alzante scorrere di ottima qualità

Altezza battuta vetro: 20mm

Profondità telaio: 80mm o 106mm

Profondità anta: 40mm o 45mm

Fissaggio vetri: con fermavetri lisci o a vetro ad infilare

Spazio vetro o pannello nelle ante da 40mm: 30mm

Spazio vetro o pannello nelle ante da 45mm: 35mm

Protezione superficiale

La protezione dei profilati potrà essere effettuata mediante ossidazione anodica con classe di spessore >15 micron come da norma UNI 4522/00 (66-70), oppure mediante verniciatura a polveri poliesteri termoindurenti e polimerizzate in forno nel rispetto delle procedure di qualità "Qualicoat" e delle disposizioni UNI EN 12206-1

Resistenza della finitura

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

Sicurezza

Al fine di non causare danni fisici o lesioni agli utenti, i serramenti devono essere concepiti secondo le prescrizioni della normativa in materia di sicurezza D.Lgs. 81/2008 e UNI 7697-07.

Caratteristiche della vetrazione

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

Guarnizioni

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

Sigillanti

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

Accessori

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

Prestazioni

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

Resistenza meccanica

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

Isolamento acustico

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

Isolamento termico

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

$Uw=(Ag*Ug+Af*Uf+lg*\psi)\div(Ag+Af)$

Certificazioni

Sarà possibile richiedere al costruttore dei serramenti o, in mancanza, al licenziatario di zona, fotocopia dei rapporti di prova relativi 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 il 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 vetrazione, con o senza dispositivi di schermatura incorporati.

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

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

La norma contempla determinati requisiti volontari e/o obbligatori:

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

Piano di Controllo di Produzione (FPC)

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

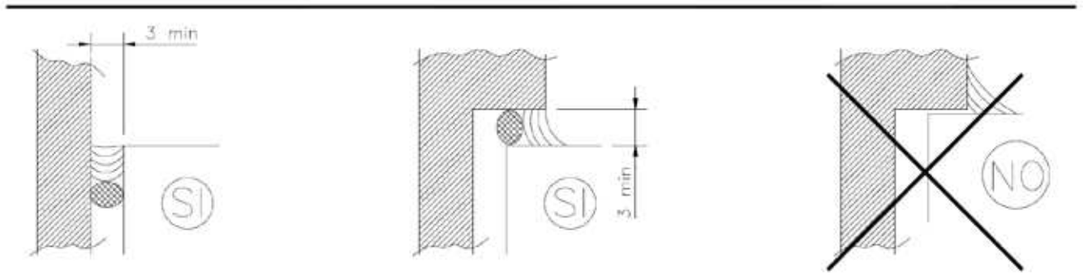
pulizia del prodotto. Non sono invece analizzate le caratteristiche dell'installazione.

Test di Laboratorio (ITT)

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

Posa in opera

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



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 di sensibilizzare il costruttore dei serramenti affinché possa di riflesso consigliare IL CLIENTE nel migliore dei modi.

E' buona norma tenere in considerazione 3 punti fondamentali:

1- quante volte deve essere eseguita l'operazione di pulizia nell'arco dell'anno,

2- il periodo

3- il prodotto da usare

Ecco le risposte:

Il numero di interventi viene stabilito sulla base dello stato di inquinamento della zona in cui è ubicato il caseggiato,

varia da 1 a 3 volte l'anno.

Il periodo può essere:

- a fine inverno
- a metà estate
- a metà autunno da scegliere secondo il numero di interventi

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

Le caratteristiche di tali prodotti assieme alla frequenza di pulizia da adottare sono definite nei progetti di norma UNIMET12.04.282 ed E12.04.277.0.

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

Per una corretta installazione, manutenzione e pulizia dei serramenti, vi invitiamo inoltre a consultare le prescrizioni riportate sulle seguenti note tecniche Uncsaal:

UX 42 guida alla posa in opera delle finestre UX 10 pulizia delle superfici di serramenti e facciate continue

Fasi di verniciatura

1. Il ciclo di verniciatura offre la possibilità di ottenere sugli infissi un eccellente rivestimento protettivo superficiale ed una maggiore vivacità del colore;

2. lo strato deve avere uno spessore minimo di 60 micron sulle parti esposte;

3. il materiale sarà sottoposto al seguente processo:

- sgrassatura senza attacco
- lavaggio
- decapaggio alcalino con attacco
- lavaggio

Profilati, accessori e guarnizioni di questo catalogo sono di proprietà di ALsistem, titolare di tutti i diritti di esclusiva.

Scopri tutta la gamma su alsistem.com

- disossidazione
- lavaggio
- cromatazione
- lavaggio in acqua demineralizzata
- asciugatura a 75°C
- verniciatura in polveri termoindurenti
- polimerizzazione in forno

Tutte le lavorazioni eseguite su alluminio devono essere conformi a quanto previsto dal marchio di qualità “Qualicoat”.

Fasi di anodizzazione

1. Lo strato ossido può variare secondo la zona di ubicazione del serramento da 15 a 20 micron (UNI4522-66);

2. può essere normale o elettrocolore;

3. il materiale sarà sottoposto al seguente processo:

- sgrassatura senza attacco
- lavaggio
- decapaggio alcalino con attacco (tranne le finiture lucide)
- lavaggio
- disossidazione
- lavaggio
- ossidazione in bagno acido solforico a 18/20°c, densità della corrosione 1,5[A]dmq
- colorazioni inorganiche od organiche od elettrocolore (tranne argento)
- lavaggio doppio
- asciugatura
- fase di fissaggio a caldo in ebollizione a sali di nichel, fissaggio 2,5/3 minuti per ogni micron di spessore

Osservazione

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

Dimensione e pesi profilati

Le dimensioni e i pesi indicati sui disegni dei profilati a catalogo sono quelli teorici e possono variare in funzione delle tolleranze dimensionali di estrusione (Norme UNI EN 12020-02) e dal tipo di finitura. Anche la verniciatura, contribuisce ad aumentare gli spessori riducendo pertanto le sedi di inserimento delle guarnizioni e degli accessori.

Questa variabilità potrebbe condizionare le dimensioni del taglio e di conseguenza quelle del serramento finito. Le differenze di taglio potranno aumentare in modo proporzionale anche in base al numero di ante per serramento. Si consiglia, nei primi lavori o in quelli con quantità importanti, di realizzare un campione reale per verificarne il corretto funzionamento.

Consigli per un corretto assemblaggio

Per ottenere i migliori risultati utilizzando i profili SLIDE 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
incollare i profili tra loro nel giunto a 45°	evita infiltrazioni d’acqua, evita la corrosione e l’ossidazione
incollare i profili sul montante quando gli stessi vengono intestati	evita infiltrazioni d’acqua, evita la corrosione e l’ossidazione
usare curve limite di utilizzo per la scelta del profilo	evita scelte inadeguate del profilo
sigillare il serramento sul perimetro tra profilo e controtelaio con sigillante neutro	facilità l’evacuazione dell’acqua
utilizzare sempre il tassello di registro	facilita la posa in opera, inquadra meglio il telaio, isola i materiali, limita la trasmissione delle vibrazioni
proteggere tutte le lavorazioni effettuate sui profilati	evita la corrosione e l’ossidazione facendo aumentare la durata dell’infisso nel tempo
utilizzare controsagome durante il taglio a 45°	garantisce un taglio corretto al fine di ottenere una giunzione d’angolo perfetta

Certificazione accessori

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

QUALICOAT

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

EURAS **EWAA** **QUALANOD**

Gli accessori sono prodotti da aziende certificate

ISO9001 e **ISO14001**

Importante

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

Certificazioni serie SLIDE 80/106

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

	TIPOLOGIE SERRAMENTI					
	Porta 2 ante alza e scorri (45)	Porta 2 ante scorrevoli (45)	Porta 4 ante alza e scorri (45)	Porta 4 ante scorrevoli (45)	Porta 4 ante alza e scorri (40)	Porta 4 ante scorrevoli (40)
PROVE						
Misure del serramento	H =2.400 mm L =2.200 mm	H =2.400 mm L =2.200 mm	H =2.400 mm L =4.432 mm	H =2.400 mm L =4.432 mm	H =2.400 mm L =4.432 mm	H =2.400 mm L =4.432 mm
Numero certificato	1994-CPD-0168	1994-CPD-0221	0970-CPDRP0807	0970-CPDRP0808	0970-CPDRP0810	0970-CPDRP0811
Valore prova permeabilità all'aria	classe 4	classe 3	classe 4	classe 3	classe 4	classe 3
Valore prova tenuta all'acqua	classe E1500	classe 8A	classe E1050	classe 7A	classeE1050	classe 7A
Valore prova resistenza al vento	classe B4	classe B4	classe B4	classe B4	classe B3	classe B3

PROVA	TIPOLOGIA SERRAMENTO	MISURE SERRAMENTO	N°CERTIFICATO	VETROCAMERA	RISULTATO
Valore prova acustica	Porta 2 ante alza e scorri	H =2.400 mm L =2.200 mm	5009/RP/09	55.1/12/33.1 da 42 dB	dB=38dB
Valore prova acustica	Porta 2 ante alza e scorri	H =2.400 mm L =2.200 mm	5008/RP/09	66.1/15/44.2 da 47 dB	dB=39dB

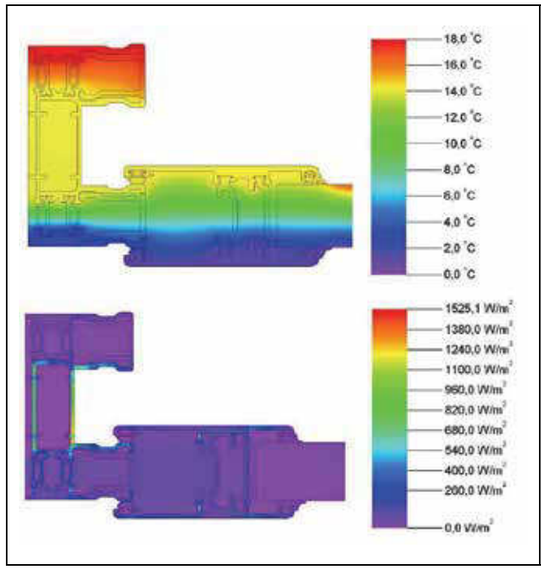
Determinazione della trasmittanza termica dei nodi del sistema per serramenti Slide

Per la determinazione della trasmittanza termica dei profilati, l'**intera serie Slide** è stata certificata, dal laboratorio notificato IRcCOS di Legnano, secondo la normativa di prodotto EN 14351-2006, seguendo il metodo di calcolo tramite software "Flixo 6.1". Il codice di riferimento del documento rilasciato dal laboratorio, corrisponde al n. RT/028/2010.

Metodologia di analisi utilizzata

Il calcolo della trasmittanza termica è stato eseguito in accordo con la norma UNI EN ISO 10077-2:2004. Per i calcoli è stato utilizzato il software "Flixo 6.1".

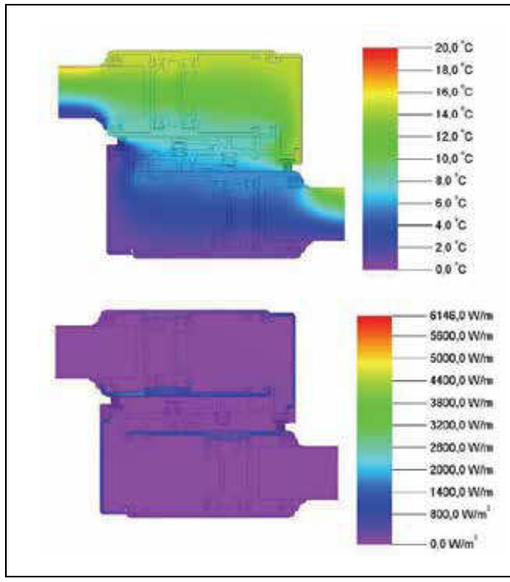
Si riporta come esempio, una pagina del documento rappresentante i nodi laterali e centrale. Andamento delle temperature e dei flussi di calore nel nodo laterale TT 8003+TT8011 (sinistro)



Trasmittanza termica nodo destro Uf = 2,95 W/m2K

Trasmittanza termica nodo sinistro Uf = 2,78 W/m2K

Andamento delle temperature e dei flussi di calore nel nodo centrale TT 8011+TT8011



Trasmittanza termica nodo Uf = 3,47 W/m2K

N.B: per più precise informazioni consultare il documento notificato RT/056/2011 del laboratorio IRcCOS di Legnano, richiedendolo ad ALsistem.

General specifications

Slide aluminum system, created with the range for SLIDE 65.

The profiles are extruded in aluminium alloy EN AW 6060 (EN 573.3), supply condition T5 and T6 in accordance with standard EN 755.2 with dimensional tolerances and thicknesses compliant with standard UNI EN 755-9 and UNI12020-2 .

The thermal insulation will consist of a double insulation on the fixed frame using tubular bar 16mm and 32mm on the sash, all in polyamide 6.6 reinforced with 25% glass fibers; the assembly of the bars is effected by means of mechanical rolling computed, and the mechanical characteristics of bars will remain unchanged until a maximum temperature of treatment of 245 ° C. The production process is controlled according to the rules UAETC, the slip values must be higher than 24 daN / mm.

The fixed frame shall be 80/106mm deep, whilst the openable parts shall be 40/45mm deep. The sealing system shall be of termoplastich gasket with propilene brush-holder and central textile fin gasket.

The profiles have been designed with smooth lines or rounded in both beadless that with glazing beads with cut to 90 °. The threshold must have the binary in polyamide, load up with 25% fiber glass with stainless steel AISI 316rail, with the possibility of replacement in case of wear.

The glazing must be sealed in accordance with the instructions shown in the catalogue and solely and exclusively with original glazing bead gaskets.

Apposite asole di drenaggio dovranno essere previste sul telaio fisso e su quello mobile al fine di permettere il corretto drenaggio del serramento.

Appropriate drainage holes must be provided on the fixed frame and on the moving frame in order to allow the correct drainage for the window/door. The limits of use of the profiles depend on their geometric characteristics, on the scope of the accessories and on the operating loads. The accessories used in the manufacture of the various types must be solely and exclusively the originals designed especially for the system, as shown in the catalogue and distributed by the ALsistem licensees; the use of products other than those indicated or their partial or incorrect assembly shall render the test certificates and guarantee null and void. The manufacture and installation must be in accordance with the operating criteria indicated by AL sistem. The profiles shall be assembled with brackets in extruded or die-cast aluminium to be buttoned, pinned, crimped or screwed, the edges must be protected with acrylic, silicone or MS polymer sealants.

The profiles must be protected and finished by means of normal surface treatments, anodic oxidation compliant with the “Qualicoat” quality label.

Materials

The doors and windows are made from aluminium alloy EN AW 6060 extruded profiles as indicated in standard EN 755.3.

The supply condition is within class T5 and T6 in accordance with standard EN 755.2. Dimensional tolerances comply with UNI 12020-2 : 2001.

Technical and dimensional characteristics

Profiles: light alloy 6060 (UNI35690TA) extrusions; they can be anodised and painted

Sealing system:thermoplastic gasket or seal covered, PP brush with fin

Thermal insulation system - frame: with 2 group of polyamide spacer, 16mm, tubular-shaped

Thermal insulation system - sash: with polyamide spacer, 32mm

Accessory system: slide and lift-slide, top quality hardware

Height of glass rebate: 20mm

Frame depth: 80 or 106mm

Leaf depth: 40 or 45mm

Glass fastening: straight glazing bead, or beadless type

Space for glass or panel in 40mm leaves: 30mm

Space for glass or panel in 45mm leaves: 35mm

Surface protection

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

Resistance of the finish

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

Safety

In order to prevent physical harm or injury to users, the doors and windows must be designed in accordance with the

relevant safety legislation, Italian Leg. Decree 81/2008 and UNI 7697-07.

Characteristics of the glazing

The glazing must be selected in accordance with performance criteria to meet the requirements of energy saving, sound insulation, solar radiation control, safety.

Relevant standards: UNI EN ISO 140-3:06, UNI6534:74, UNI EN 572-1:04, UNI EN 12758:04, UNI EN 12150-1:01, UNI 7143:72 DM 2 April 1998.

Gaskets

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

Sealants

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

Accessories

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

Performance

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

Mechanical resistance

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

Sound insulation

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

the methodology described in reference standard UNI EN ISO 140-3:06.

Thermal insulation

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

$$Uw=(Ag*Ug+Af*Uf+lg*\psi)\div(Ag+Af)$$

Certifications

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

Marcatura CE UNI EN 14351-1

CE marking is OBLIGATORY and is the system to which all manufacturers of doors and windows must comply in order to be able to sell their products in the European Union. The Manufacturer, or its representative, with its headquarters in the EEA [European Economic Area] is responsible for affixing the CE marking to its product, on a label applied to the product, on its packaging or on its accompanying commercial documents. Standard UNI EN 14351-1 applies to windows, glass doors, external pedestrian doors, external doors on escape routes, roof windows/skylights (including those resistant to external fire), ribbon windows, coupled windows and double windows. These doors/windows can have one or more leaves, with moving leaves and fixed parts, opening inwards or outwards, operated manually or automatically, completely or partially glazed, with or without a frame to contain the glass, with or without built-in shielding devices.

Standard UNI EN 14351-1 does not apply to:

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

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

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

Factory Production Control (FPC)

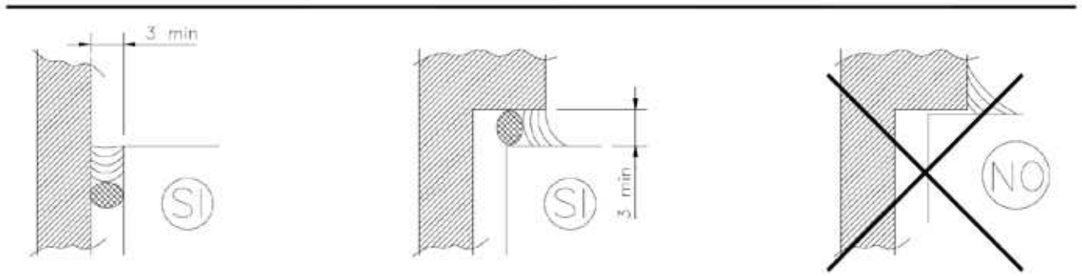
Factory production control is a system implemented by the manufacturer under its own responsibility, in order to ensure that the structural characteristics of the product are maintained over time within certain limits. The manufacturer must establish certain documented procedures, which indicate the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

Laboratory Test (ITT)

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

Installation

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



Maintenance of the aluminium surfaces

In view of the high amounts of pollution now reached in all countries, particularly in large cities and in coastal areas beaten by the sea wind, it is very important for aluminium surfaces that are in contact with the atmosphere to be cleaned regularly.
Our intention is to raise the awareness of the manufacturers of doors and windows so that they can in turn advise THE CLIENT as well as possible.
It is good practice to take 3 fundamental points into consideration:
1- how often the cleaning operation must be carried out over the course of the year
2- the period
3- the product to be used
Here are the answers:
The number of cleaning operations depends on the level of pollution in the area in which the building is located, ranging from 1 to 3 times a year.
The period may be:
- at the end of winter
- in the middle of summer
- in the middle of autumn, depending on the number of cleaning operations

It is important that the product to be used for cleaning is neutral; using the wrong product could ruin the various different materials of hich a door or window consists (gaskets, sealants, marble, etc) and cause damage that could compromise the efficiency and life of the product.
The characteristics of these products as well as the frequency of the cleaning to be adopted are defined in draft standards UNIMET12.04.270 and E12.04.277.0.
If no neutral product is available, it is preferable to use warm water with a nonabrasive cloth.
In order to install, maintain and clean the doors and windows correctly, we also suggest that you consult the instructions contained in the following Uncsaal technical notes:
UX 42 guide to installing windows

Painting phases

1. The painting cycle offer the possibility of obtaining an excellent protective coating on the surface of the frames and a greater brightness of colour;
2. The layer must have a min. thickness of 60 micron on the visible parts;
3. the material shall be subjected to the following process:

- removal of grease/dirt without etching
- washing
- alkaline pickling with etching
- washing
- deoxidising
- washing
- chromate treatment
- washing in demineralised water
- drying at 75°C
- painting in thermosetting powder coating
- oven polymerisation

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

Anodisation phases

1. The oxide layer may vary from 15 to 20 micron (UNI4522-66), according to the area in which the door/window is located;
2. it can be normal or electro-colour;
3. the material shall be subjected to the following process:

- removal of grease/dirt without etching
- washing
- alkaline pickling with etching (except for shiny finishes)
- washing
- deoxidising
- washing
- oxidation in sulphuric acid bath at 18/20°c, density of corrosion 1.5[A]dmq
- inorganic or organic colouring or electro-colour (except for silver)
- double washing
- drying
- hot fixing boiling with nickel salts, fixing 2.5/3 minutes for every micron of thickness

Observation

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

Obviously, the appropriate accessories must be used from the original AL sistem accessories, provided for the SLIDE range.

Profile dimensions and weights

The dimensions and weights indicated on the drawings of the profiles in the catalogue are theoretical and can vary according to the extrusion dimensional tolerances (Standard UNI EN 12020-02) and to the type of finish. Painting also adds to the thickness, thus reducing the housings

for inserting the gaskets and accessories. This variability could influence the dimensions of the cut and consequently those of the finished door/window. The differences in cut can increase also in proportion to the number of leaves per door/window. It is advisable, in initial works or in those with large quantities, to create a true sample to check that it works properly.

Advice for correct assembly

For best results using profiles SLIDE is recommended to observe all the following items, all designed to reinforce the weak points of a common window, thus optimizing the performance offered by the window.

Correct procedure	Purpose
seal the profiles together in the join at 45°	prevents water seepage, prevents corrosion and oxidation
seal the profiles on the jamb when they are faced	prevents water seepage, prevents corrosion and oxidation
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 neutral sealant	prevents water seepage
always use the wall spacer	facilitates installation, ensures better frame positioning, insulates materials, minimises the transmission of vibrations
protect all the work carried out on the profiles	prevents corrosion and oxidation increasing the life of the frame over time
use counterprofile during the 45° cut	guarantees a correct cut in order to obtain a perfect angle joint

Certificazione accessori

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

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

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

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

SLIDE certification

SLIDE system has been subjected to the tests listed in the table for the different types of windows.

	WINDOW TYPES					
	2-sash lift&slide (45)	2-sash slide (45)	4-sash lift&slide (45)	4-sash slide (45)	4-sash lift&slide (40)	4-sash slide (40)
PROOF						
Window measure	H =2.400 mm L =2.200 mm	H =2.400 mm L =2.200 mm	H =2.400 mm L =4.432 mm	H =2.400 mm L =4.432 mm	H =2.400 mm L =4.432 mm	H =2.400 mm L =4.432 mm
N° certificate	1994-CPD-0168	1994-CPD-0221	0970-CPDRP0807	0970-CPDRP0808	0970-CPDRP0810	0970-CPDRP0811
Air permeability proof	class 4	class 3	class 4	class 3	class 4	class 3
Watertight proof	class E1500	class 8A	class E1050	class 7A	class E1050	class 7A
Wind permeability proof	class B4	class B4	class B4	class B4	class B3	class B3

PROOF	WONDOW TYPE	WINDOW MEASURE	N°CERTIFICATE	DOUBLE GLAZING	RESULT
Acoustic proof	2-sash lift&slide	H =2.400 mm L =2.200 mm	5009/RP/09	55.1/12/33.1 da 42 dB	dB=38dB
Acoustic proof	2-sash lift&slidei	H =2.400 mm L =2.200 mm	5008/RP/09	66.1/15/44.2 da 47 dB	dB=39dB

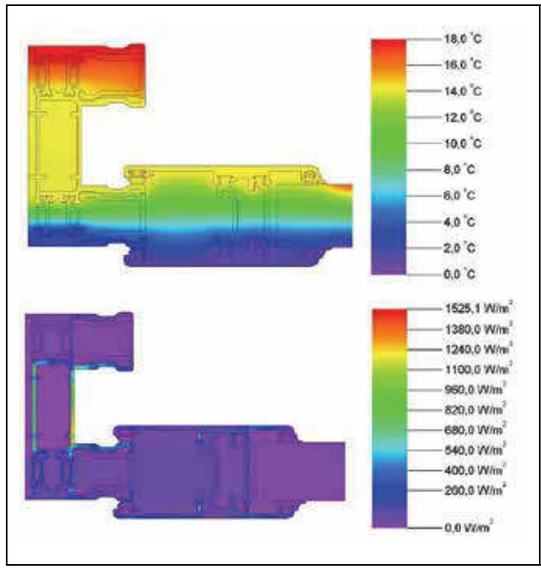
Determination of thermal transmittance of the sections of the system for windows Slide

For the determination of the thermal transmittance of the profiles, the entire series Slide has been certified by the notified laboratory IRcCOS in Legnano, according to the product standards EN 14351-2006, following the method of calculation by software “flixo 6.1”. The reference of the document issued by the laboratory, corresponds to n. RT / 028/2010.

Methodology analysis used

The calculation of the thermal transmittance was performed according to the UNI EN ISO 10077-2: 2004. For the calculations we used the software “flixo 6.1”.

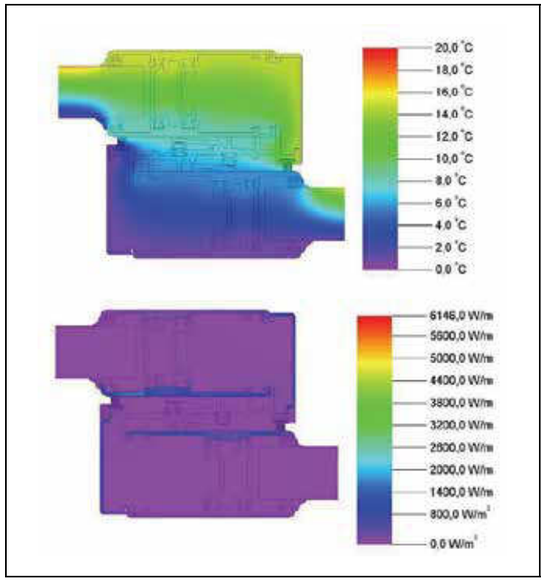
As an example, we report a page of the document with representative sections, lateral and center. Temperatures trends and heat flows in the section side TT 8003 TT8011 + (left)



Trasmittanza termica nodo destro Uf = 2,95 W/m2K

Trasmittanza termica nodo sinistro Uf = 2,78 W/m2K

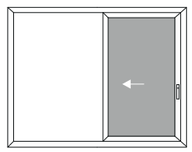
Andamento delle temperature e dei flussi di calore nel nodo centrale TT 8011+TT8011



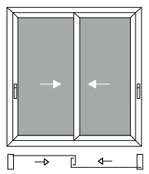
Trasmittanza termica nodo Uf = 3,47 W/m2K

N.B: for more information, consult the notification RT/056/2011 by laboratory IRcCOS in Legnano, ask it to ALsistem.

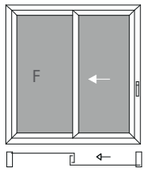
Serramenti scorrevoli
slide sistems



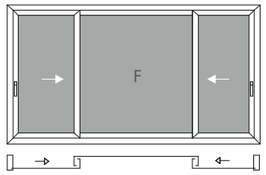
1A
monovia
1 rail



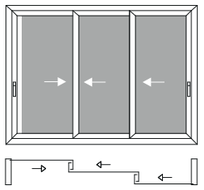
2A
2 vie - 2 ante
2 rail-2 sash



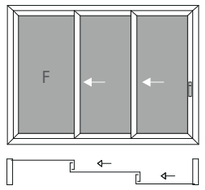
3A
2 vie - 1 anta+fisso
2 rail-1 sash+fixed



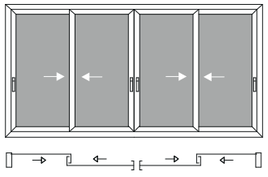
4A
2 vie - 2 ante+fisso
2 rail-2 sash+fixed



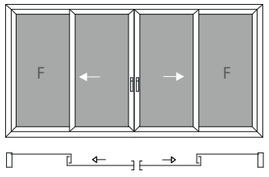
5A
3 vie - 3 ante
3 rail-3 sash



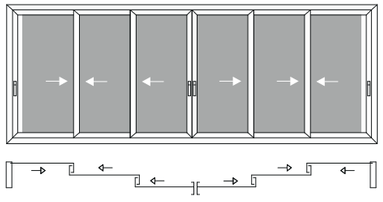
6A
3 vie - 2 ante+fisso
3 rail-2 sash+fixed



7A
2 vie - 4 ante
2 rail-4 sash

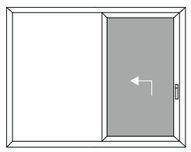


8A
2 vie - 2 ante+2 fissi
2 rail-2 sash+2 fixed

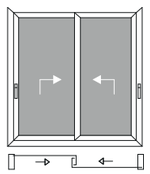


9A
3 vie - 6 ante
3 rail-6 sash

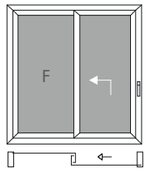
Serramenti alzanti
lift&slide systems



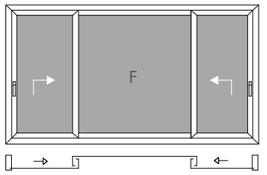
1A
monovia
1 rail



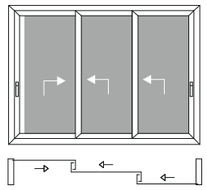
2A
2 vie - 2 ante
2 rail-2 sash



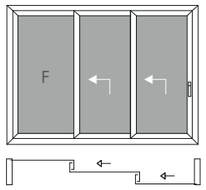
3A
2 vie - 1 anta+fisso
2 rail-1 sash+fixed



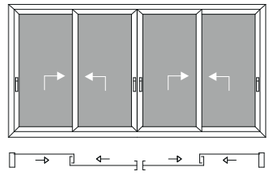
4A
2 vie - 2 ante+fisso
2 rail-2 sash+fixed



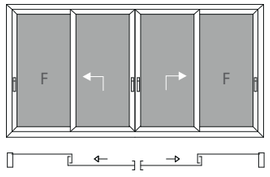
5A
3 vie - 3 ante
3 rail-3 sash



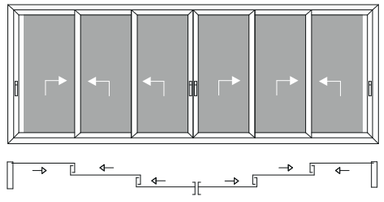
6A
3 vie - 2 ante+fisso
3 rail-2 sash+fixed



7A
2 vie - 4 ante
2 rail-4 sash



8A
2 vie - 2 ante+2 fissi
2 rail-2 sash+2fixed



9A
3 vie - 6 ante
3 rail-6 sash

DIMENSIONI ANTE
CON CARRELLO ACP 8016
Lmax = 1600 mm
Lmin = 800 mm
Hmin = 1200 mm
Hmin. manovra = 415 mm
Portata max = 200 Kg

DIMENSIONI ANTE
CON CARRELLO ACP 8017
Lmax= 1200 mm
Lmin = 565 mm
Hmin = 800 mm
Hmin. manovra = 445 mm
Portata max= 90 Kg

Distinta accessori per tipologia

Accessories per types

DISTINTA ACCESSORI PER ANTA DA 40MM - VERSIONE SCORREVOLE									
	1A	2A	3A	4A	5A	6A	7A	8A	9A
ACP 1602	-	-	1	1	-	1	-	2	-
ACP 5801	-	-	1	1	-	1	-	2	-
ACP 8001	-	8	8	12	12	12	16	16	24
ACP 8003	-	1	1	1	1	1	2	2	2
ACP 8004	-	-	-	1	1	1	-	-	2

N.B. La tabella qui sopra indica gli articoli necessari per realizzare la tipologia espressa, potrebbe succedere che alcuni elementi dei kit siano in eccesso rispetto all'esigenza.

DISTINTA ACCESSORI PER ANTA DA 45MM - VERSIONE SCORREVOLE									
	1A	2A	3A	4A	5A	6A	7A	8A	9A
ACP 1602	-	-	1	1	-	1	-	2	-
ACP 1603	-	1	1	1	1	1	2	2	2
ACP 1604	1	-	-	1	1	1	-	-	2
ACP 50153	8	8	8	8	8	8	8	8	8
ACP 5801	-	4	4	4	8	8	4	4	8
ACP 8001	4	8	8	12	12	12	16	16	24

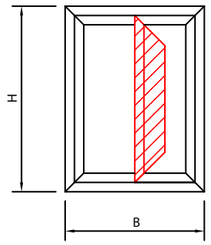
N.B. La tabella qui sopra indica gli articoli necessari per realizzare la tipologia espressa, potrebbe succedere che alcuni elementi dei kit siano in eccesso rispetto all'esigenza.

DISTINTA ACCESSORI PER ANTA DA 40MM - VERSIONE ALZANTE/SCORREVOLE									
	1A	2A	3A	4A	5A	6A	7A	8A	9A
ACP 1602	-	-	1	1	-	1	-	2	-
ACP 5801	-	4	4	4	8	8	4	4	8
ACP 8001	-	8	8	12	12	12	16	16	24
ACP 8016M	-	4	4	4	8	8	4	4	8
ACP 8033M	4	8	8	12	12	12	16	16	24

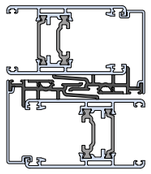
N.B. La tabella qui sopra indica gli articoli necessari per realizzare la tipologia espressa, potrebbe succedere che alcuni elementi dei kit siano in eccesso rispetto all'esigenza.

DISTINTA ACCESSORI PER ANTA DA 45MM - VERSIONE ALZANTE/SCORREVOLE									
	1A	2A	3A	4A	5A	6A	7A	8A	9A
ACP 1602	-	-	1	1	-	1	-	2	-
ACP 1633M	1	1	1	2	2	2	2	2	4
ACP 50153	8	8	8	8	8	8	8	8	8
ACP 5801	-	4	4	4	8	8	4	4	8
ACP 8001	4	8	8	12	12	12	16	16	24
ACP 8016M	1	2	1	2	3	2	4	2	6

N.B. La tabella qui sopra indica gli articoli necessari per realizzare la tipologia espressa, potrebbe succedere che alcuni elementi dei kit siano in eccesso rispetto all'esigenza.



TT 1611

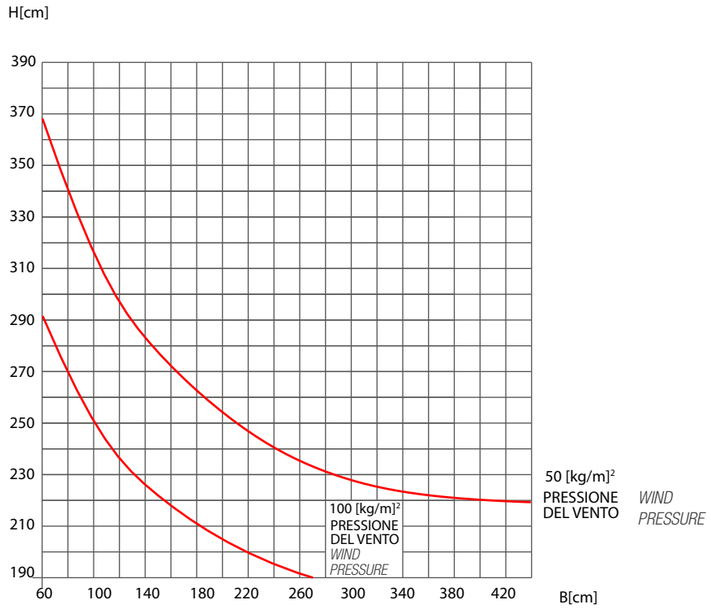


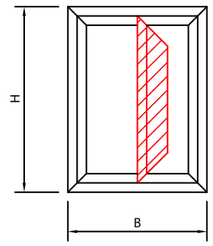
TT 1611

Jt = 22.77 cm4
freccia max 1/300

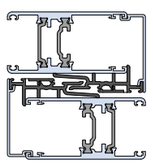
VERIFICARE CHE LA FRECCIA DEL PROFILO SIA COMPATIBILE COL VETRO IMPIEGATO

Check that the deflection of the profile is compatible with the glass used





TT 8011

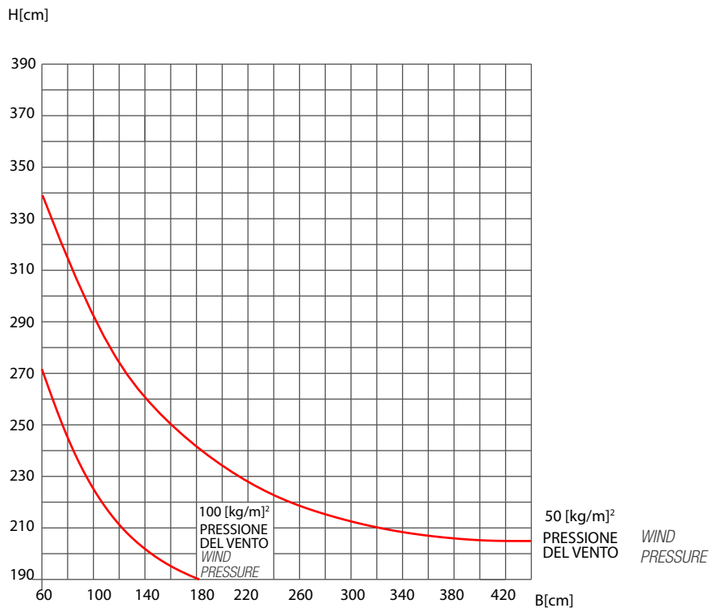


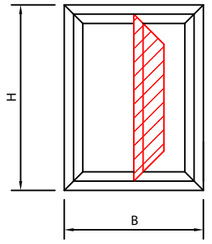
TT 8011

Jt = 18.13 cm4
freccia max 1/300

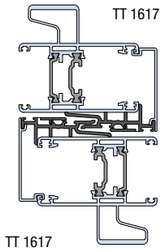
VERIFICARE CHE LA FRECCIA DEL PROFILO SIA COMPATIBILE COL VETRO IMPIEGATO

Check that the deflection of the profile is compatible with the glass used





TT 1617

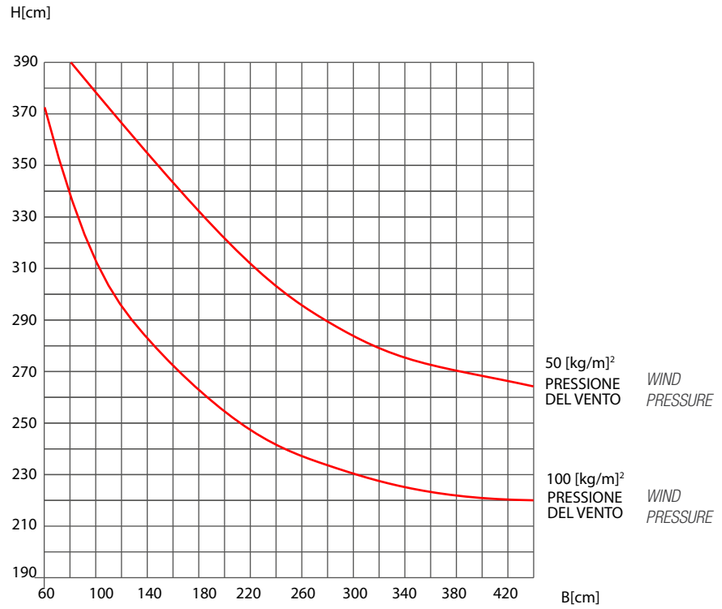


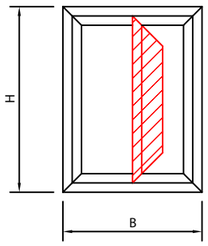
TT 1617

Jt = 46.91cm4
freccia max 1/300

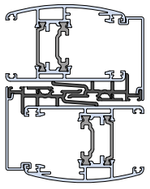
VERIFICARE CHE LA FRECCIA DEL PROFILO SIA COMPATIBILE COL VETRO IMPIEGATO

Check that the deflection of the profile is compatible with the glass used





TT 1616

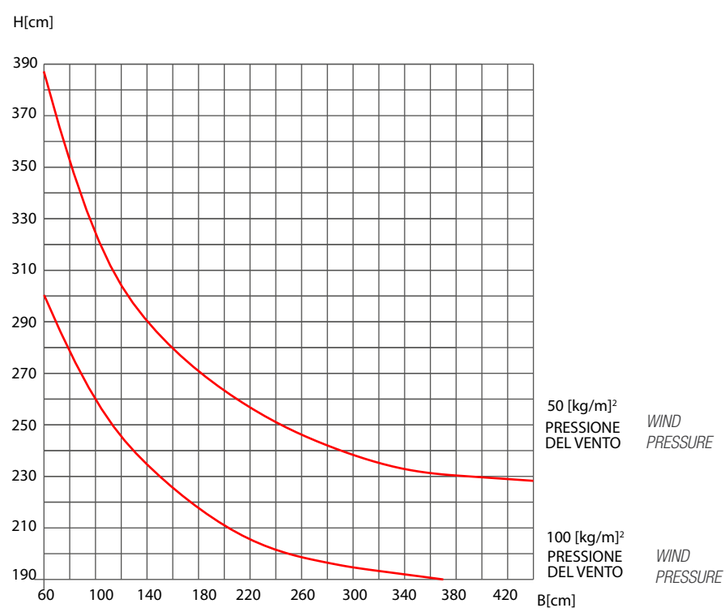


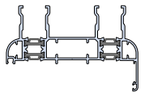
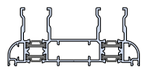
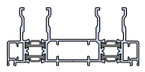
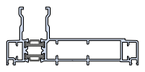
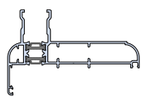
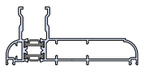
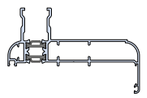
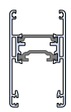
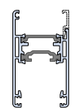
TT 1616

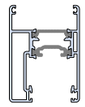
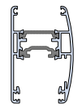
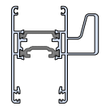
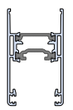
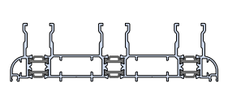
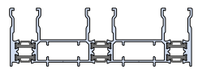
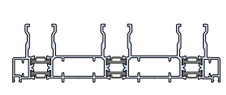
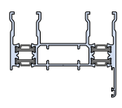
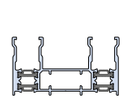
Jt = 26.56 cm4
freccia max 1/300

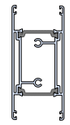
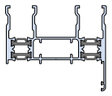
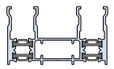
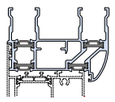
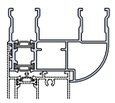
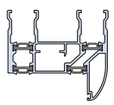
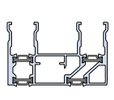
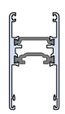
VERIFICARE CHE LA FRECCIA DEL PROFILO SIA COMPATIBILE COL VETRO IMPIEGATO

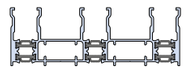
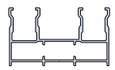
Check that the deflection of the profile is compatible with the glass used

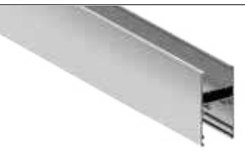
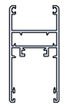
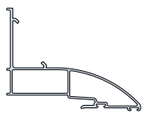


	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm⁴ Jyy cm⁴
		TT 1602	Telaio a Z 106 mm due vie per ante da 45 mm *Z frame, 106mm, 2-rail for 45mm sash*	2331	105.60 16.09
		TT 1603	Telaio a L 106 mm due vie per ante da 45 mm *L frame, 106mm, 2-rail for 45mm sash*	2237	96.36 12.96
		TT 1605	Telaio linea retta a L 106 mm due vie per ante da 45 mm *Squared L frame, 106mm, 2-rail for 45mm sash*	2271	96.36 12.96
		TT 1606	Telaio linea retta a L 106 mm montante monobinario per ante da 45 mm *Squared L frame, 106mm, inner mullion 1-rail for 45mm sash*	1770	59.69 8.16
		TT 1608	Telaio a Z 106 mm montante interno monobinario-ante da 45 mm *Z frame, 106mm, inner mullion 1-rail for 45mm sash*	1745	65.04 10.90
		TT 1609	Telaio a L 106 mm montante monobinario per ante da 45 mm *L frame, 106mm, inner mullion 1-rail for 45mm sash*	1651	59.69 8.16
		TT 1610	Telaio a Z 106 mm montante esterno monobinario Per ante da 45 mm *Z frame, 106mm, outer mullion 1-rail for 45mm sash*	1743	73.26 10.89
		TT 1611	Anta 45 mm *45mm sash*	1718	22.77 26.66
		TT1612	Anta 45 mm con fermavetro *45mm sash - glazing bead type*	1614	20.99 23.04

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm⁴ Jyy cm⁴
		TT 1614	Anta 45 mm, extra (disponibile su richiesta) *45mm extra sash (available on request)*	2060	36.71 37.05
		TT 1616	Anta 45 mm design *45mm design sash*	1817	26.56 28.16
		TT 1617	Anta 45 mm rinforzata *45mm reinforced sash*	2192	46.91 30.73
		TT 1618	Anta 45 mm spazio vetro 40 mm *45mm sash - 40mm glass gap*	1642	22.25 24.88
		TT 1633	Telaio a L 167 mm tre vie per ante da 45 mm *L frame, 167mm, 3-rail for 45mm sash*	3372	356.26 19.89
		TT 1635	Telaio a L 147 mm tre vie per ante da 45 mm *L frame, 147mm, 3-rail for 45mm sash*	3224	314.73 18.66
		TT 1637	Telaio linea retta a L 167 mm tre vie per ante da 45 mm *Squared L frame, 167mm, 3-rail for 45mm sash*	3406	356.26 19.89
		TT 1642	Telaio a Z 86 mm due vie per anta da 45 mm *Z frame, 86mm, 2-rail for 45mm sash*	1980	85.81 15.41
		TT 1643	Telaio a L 86 mm due vie per ante da 45 mm *L frame, 86mm, 2-rail for 45mm sash*	2089	79.13 12.15

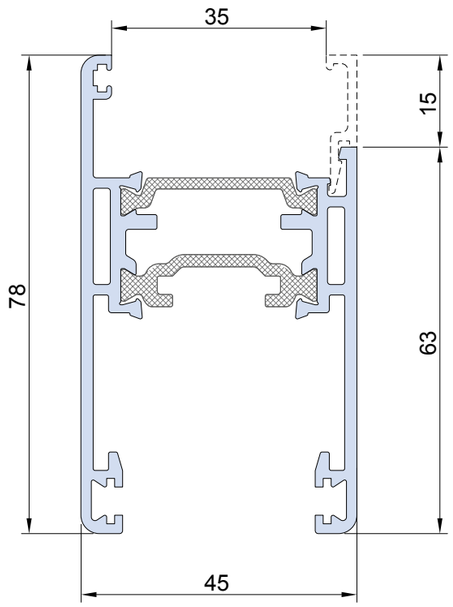
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm⁴ Jyy cm⁴
		TT 1653	Fascia per anta 45 mm *Band for 45mm sash*	1910	20.43 42.44
		TT 8002	Telaio a Z 80 mm due vie per ante da 40 mm *Z frame, 80mm, 2-rail for 40mm sash*	2148	73.33 15.18
		TT 8003	Telaio a L 80 mm due vie per ante da 40 mm *L frame, 80mm, 2-rail for 40mm sash*	2042	67.68 12.00
		TT 8006	Telaio 80 mm (abbinare solo ante slide da 40 mm) per accoppiamento con planet 62TT *80mm frame (combined only with 40mm Slide sash) - combined with planet 62TT*	2276	68.57 20.62
		TT 8007	Telaio 80 mm (abbinare solo ante slide da 40 mm) per accoppiamento con planet 50TT *80mm frame (combined only with 40mm Slide sash) - combined with planet 50TT*	1891	53.74 19.89
		TT 8008	Telaio a Z due vie da 80 mm per controtelaio da 63 mm (abbinare solo ante slide da 40 mm) *Z frame, 80mm, 2-rail for 63mm subframe (combined only with 40mm slide sash)*	2471	76.21 24.00
		TT 8009	Telaio a L due vie da 80 mm per controtelaio da 63 mm (abbinare solo ante slide da 40 mm) *L frame, 80mm, 2-rail for 63mm subframe (combined only with 40mm slide sash)*	2314	71.09 17.57
		TT 8011	Anta da 40 mm *40mm sash*	1614	18.13 22.66
		TT 8014	Profilo di chiusura per ante frontali per ante Da 40 e 45 mm *Closure profile for frontal 40-45mm sash*	1144	5.15 8.37

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm⁴ Jyy cm⁴
		TT 8023	Telaio 45 mm mono via per ante da 45 mm *45mm frame, 1-rail for 45mm sash*	1102	6.49 6.44
		TT 8025	Telaio linea retta 45 mm mono via per ante da 45 mm *Squared 45mm frame, 1-rail for 45mm sash*	1136	6.49 6.44
		TT 8033	Telaio a L tre vie da136 mm per anta da 40 mm *L frame, 136mm, 3-rail per 40mm sash*	3130	264.07 18.37
		TT 121	Terminale profilo di rinforzo *Support terminal profile*	428	-
		TT 122	Base profilo di rinforzo *Support base*	814	-
		SL 20803	Telaio freddo a L 80 mm due vie per ante da 40 mm *L not insulated frame, 80mm, 2-rail for 40mm sash*	1487	42.28 10.00
		SL 20804	Binario inferiore in alluminio *Bottom rail*	483	-
		SL 20805	Fermavetro per anta TT 1612 *Glazing bead for TT1612 sash*	117	-
		SL 20807	Soglia ribassata per ante da 40 e 45 mm *Low threshold for 40-45mm sash*	479	-

	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm⁴ Jyy cm⁴
		SL 20809	Anta zanzariera maggiorata *Oversize mosquito net profile*	485	-
		SL 20811	Anta fredda da 40 mm *Not insulated 40mm sash*	1396	14.13 21.68
		SL 20813	Riporto centrale per ante da 40 mm *Sash astragal*	296	-
		SL 20814	Riporto centrale per ante da 45 mm *45mm sash astragal*	316	-
		SL 20815	Riduttore vetro per anta fredda SL 20811 *Glass adapter for not insulated sash SL 20811*	282	-
		SL 20817	Profilo interno di chiusura monovia *Inner closure profile-1 rail*	587	-
		SL 20818	Profilo esterno di chiusura monovia *Outer closure profile-1 rail*	1532	-
		SL 20819	Profilo copri vite per SL 20817 ed SL 20818 *Screw cover profile for SL 20817-SL 20818*	450	-
		SL 20821	Gocciolatoio-guida zanzariera per telaio 106 mm *Drip fin-mosquito net guide for 106mm profile*	278	-

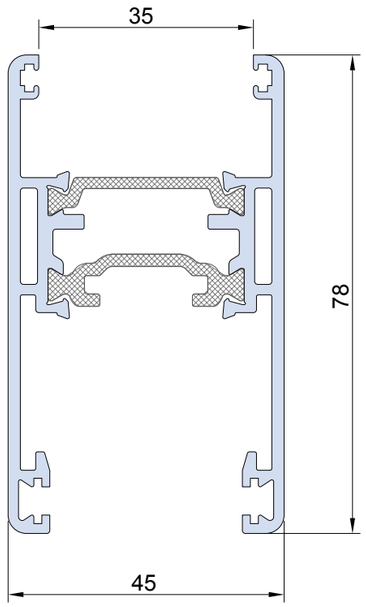
	Sagoma	Art.	Descrizione	Peso gr/m	Jxx cm⁴ Jyy cm⁴
		SL 20822	Gocciolatoio-guida zanzariera per telaio 80 mm *Drip fin with mosquito net guide for flush frame*	471	-
		SL 20870	Battuta riportata da 22 mm per telaio 106 mm *22mm rebate for 106 frame*	272	-
		SL 20871	Battuta riportata da 22 mm per telaio 80 mm *22mm rebate for 80 frame*	229	-
		SL 20872	Battuta riportata da 30 mm per telaio 80 mm *30mm rebate for 80 frame*	280	-
		SL 20873	Battuta riportata da 30 mm per telaio 106 mm *30mm rebate for 106 frame*	321	-
		SL 20874	Battuta linea retta riportata da 30 mm per telaio 106 mm *Squared 30mm rebate for 106 frame*	362	-
		SL 20908	Profilo per soglia a filo pavimento *Floor threshold*	804	-
		SX 9901	Guida in acciaio inox per soglia ribassata SL 20807 *stainless steel guide for low threshold SL 20807, improve sash fluidity*	-	-

Profili serie SLIDE 106



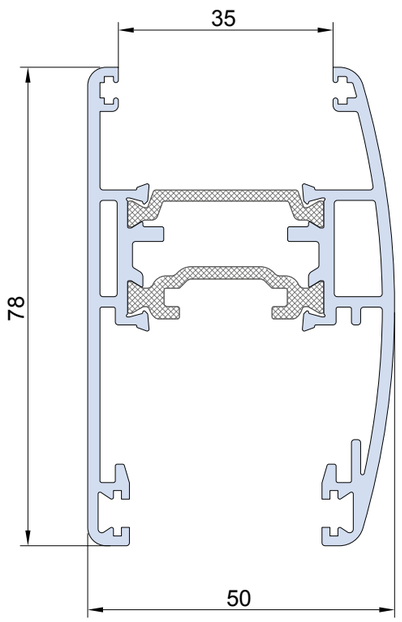
TT 1612

1614 gr/m



TT 1611

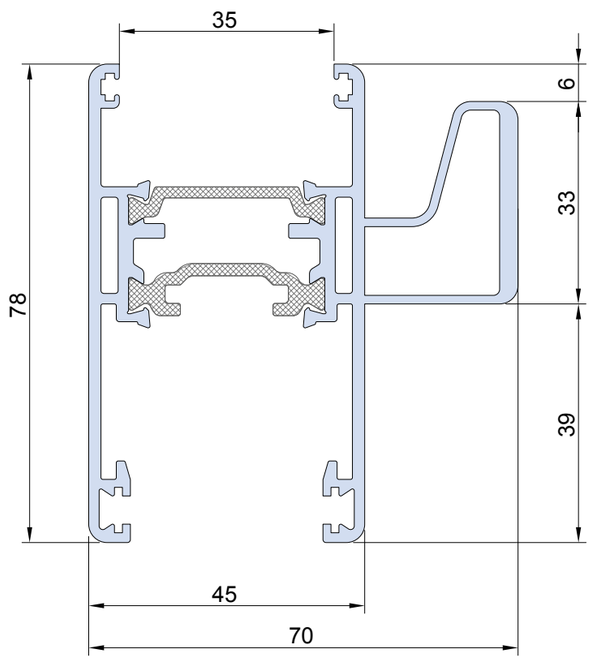
1718 gr/m



UTILIZZARE L'ANTA TT 1616
SOLO CON MARTELLINA E
BASETTA ACP 1610
use sash TT 1616 only with handle+plate ACP 1610

TT 1616

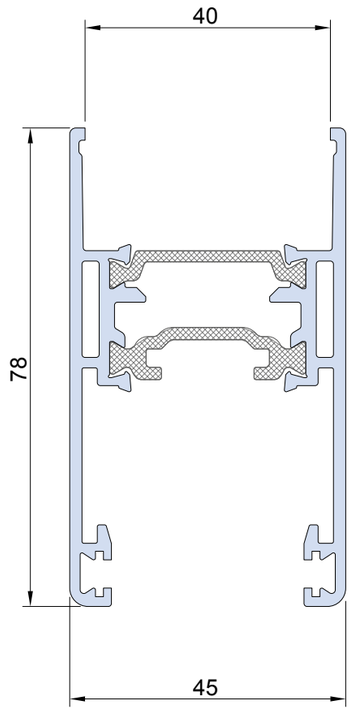
1817 gr/m



TT 1617

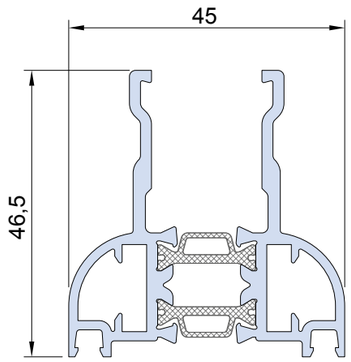
2192 gr/m

Profili serie SLIDE 106



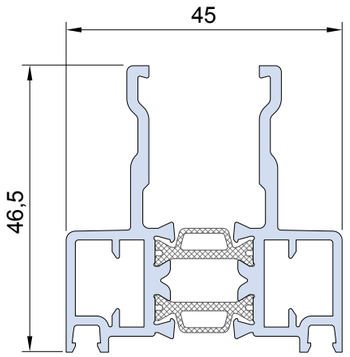
TT 1618

1642 gr/m



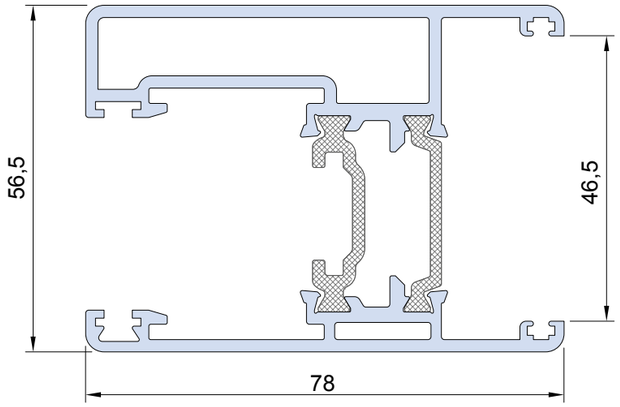
TT 8023

1102 gr/m



TT 8025

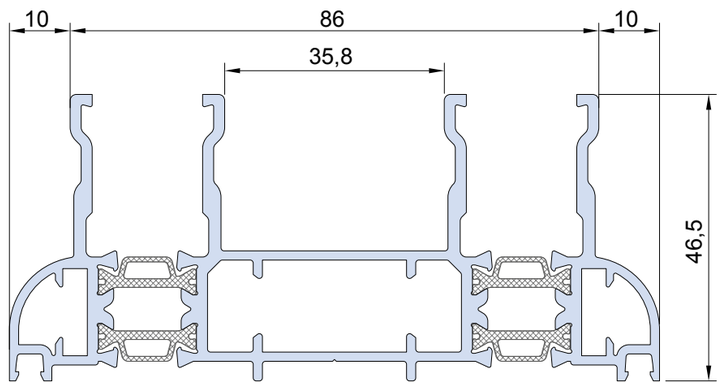
1136 gr/m



TT 1614

disponibile solo su richiesta
available on request

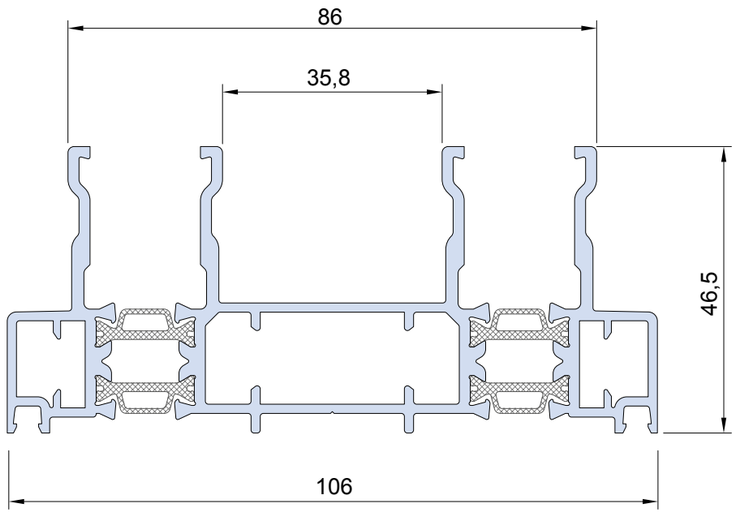
2060 gr/m



TT 1603

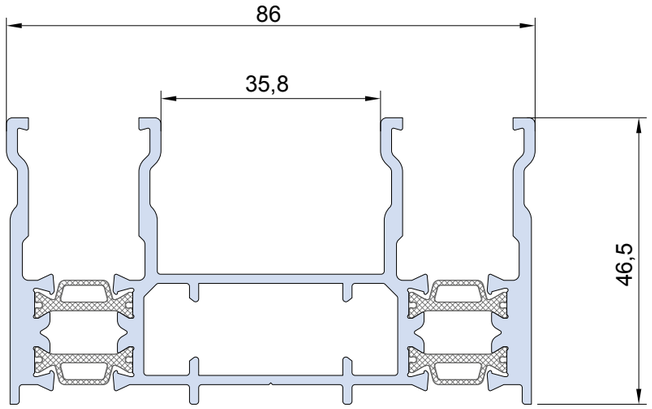
2237 gr/m

Profili serie SLIDE 106



TT 1605

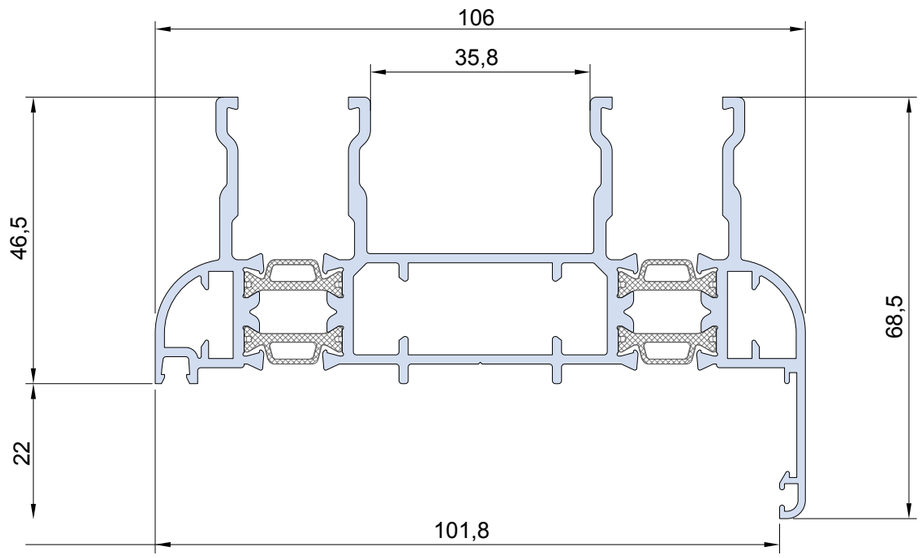
2271 gr/m



TT 1643

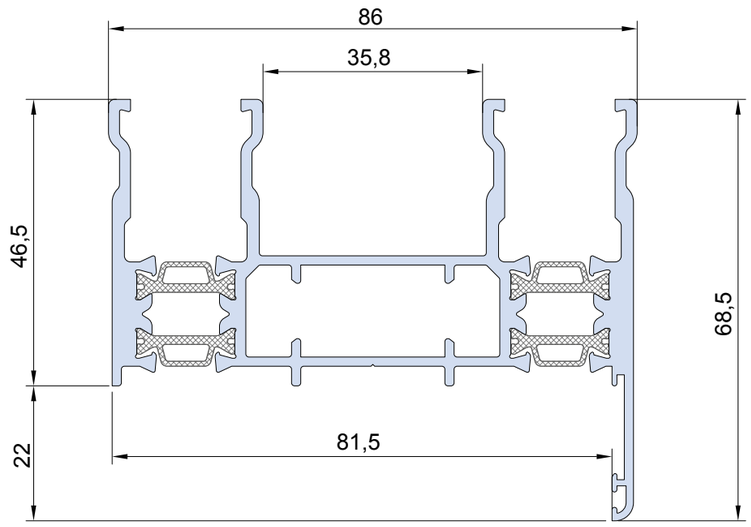
2089 gr/m

Profili serie SLIDE 106



TT 1602

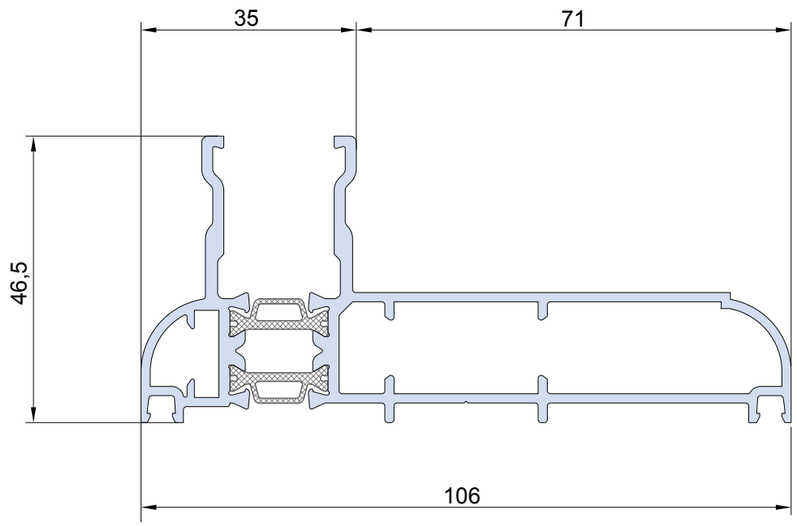
2331 gr/m



TT 1642

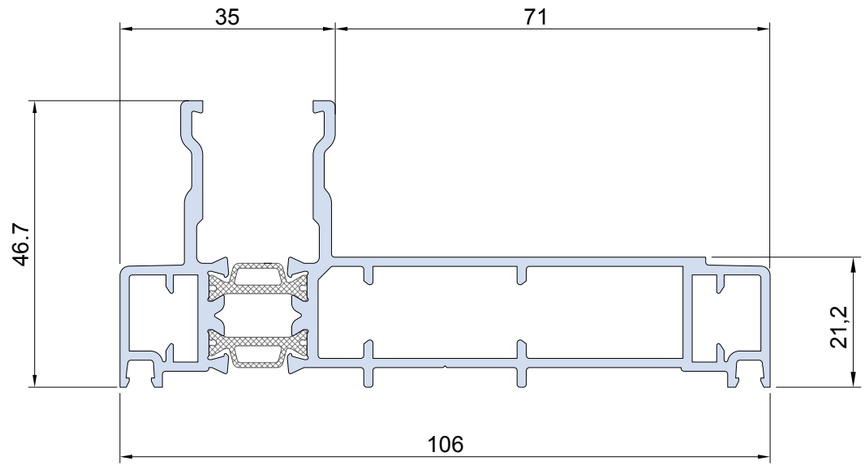
1980 gr/m

Profili serie SLIDE 106



TT 1609

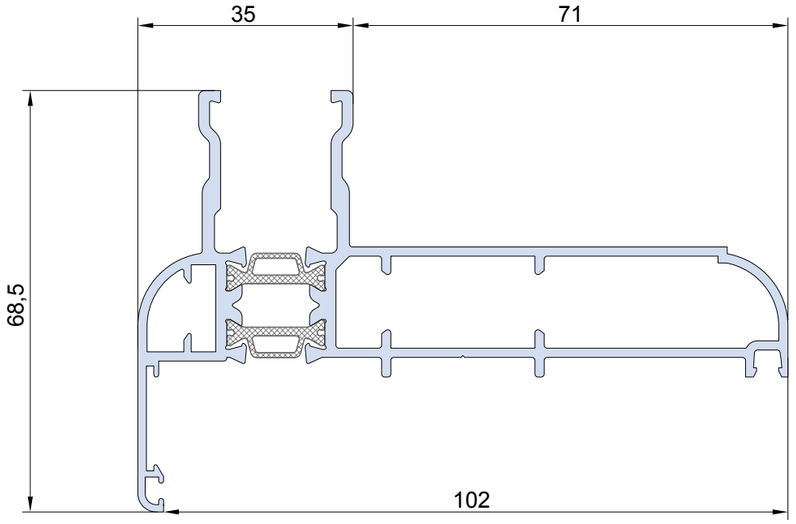
1651 gr/m



TT 1606

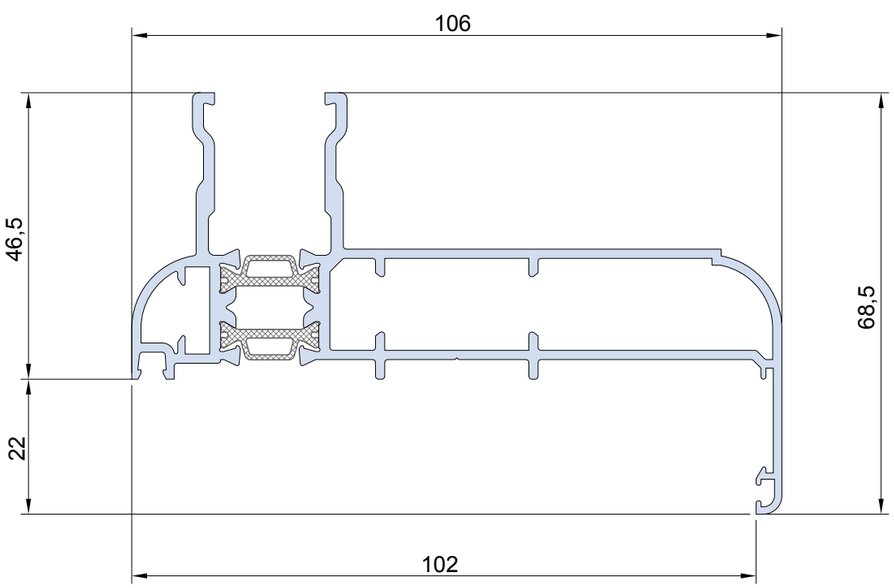
1770 gr/m

Profili serie SLIDE 106



TT 1608

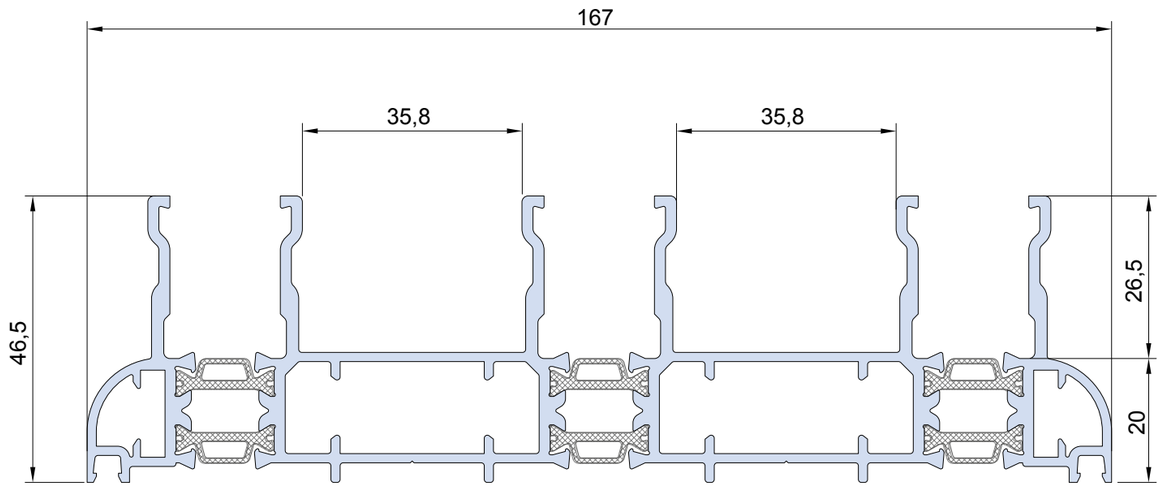
1745 gr/m



TT 1610

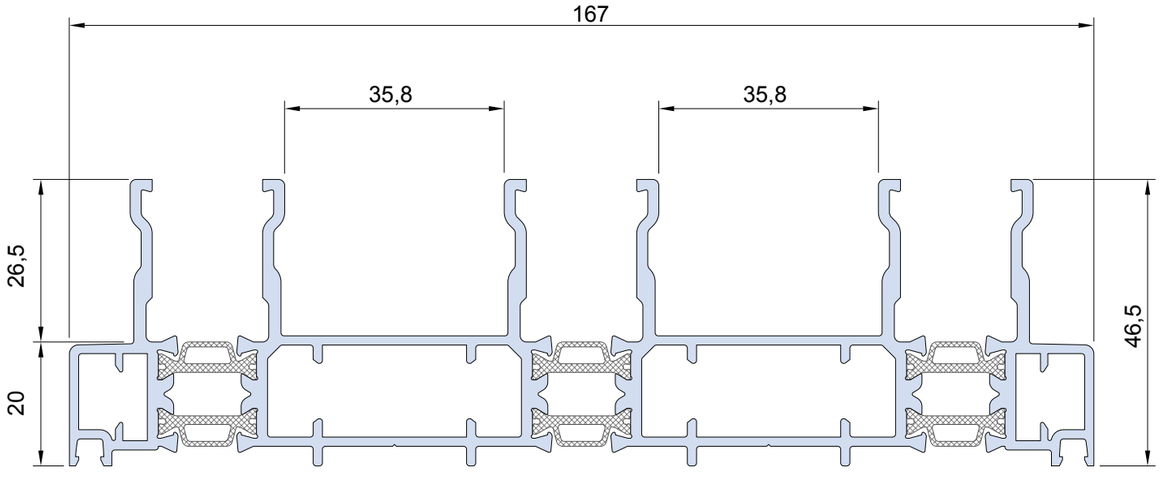
1743 gr/m

Profili serie SLIDE 106



TT 1633

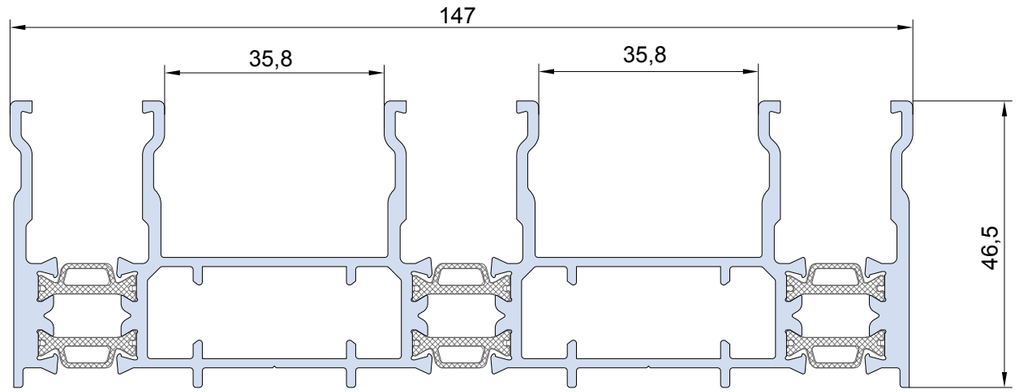
3372 gr/m



TT 1637

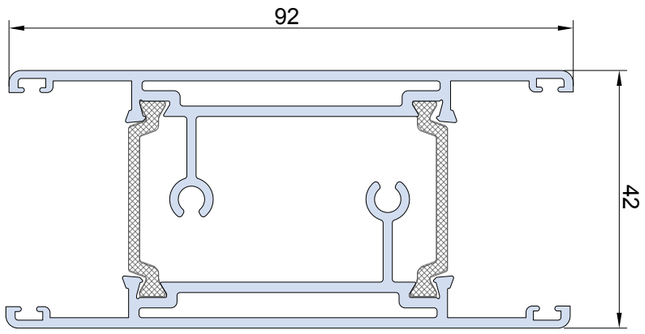
3406 gr/m

Profili serie SLIDE 106



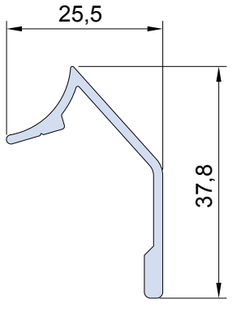
TT 1635

3224 gr/m



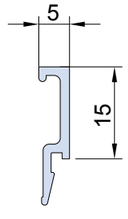
TT 1653

1910 gr/m



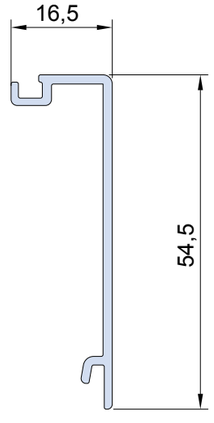
SL 20821

278 gr/m



SL 20805

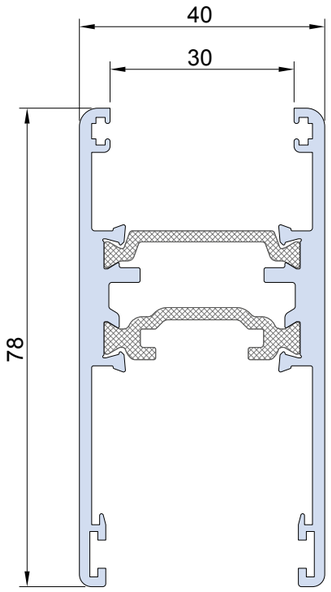
117 gr/m



SL 20814

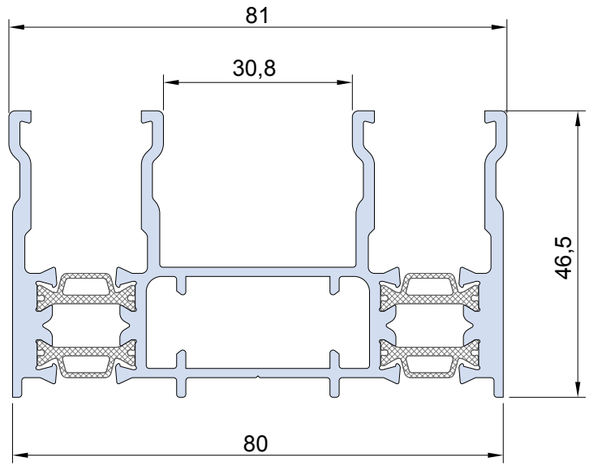
316 gr/m

Profili serie SLIDE 80



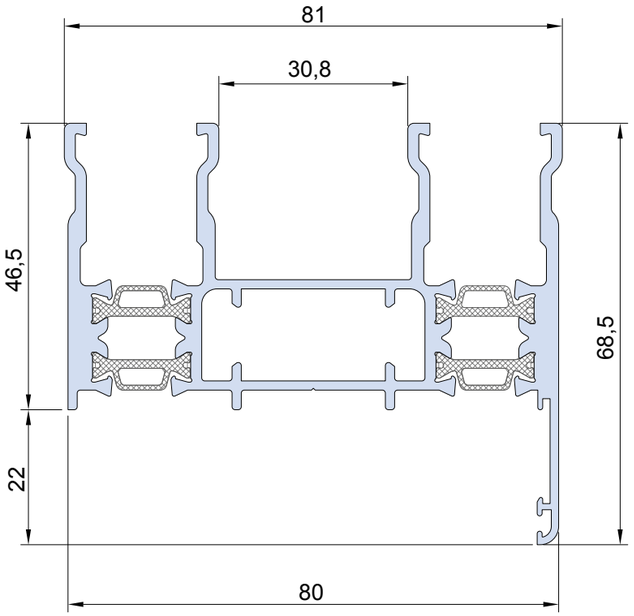
TT 8011

1614 gr/m



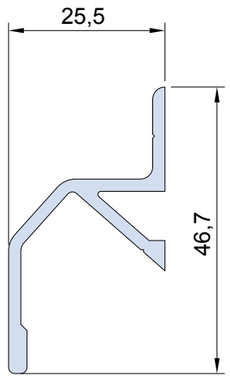
TT 8003

2042 gr/m



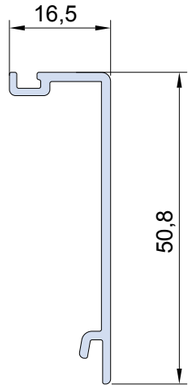
TT 8002

2148 gr/m



SL 20822

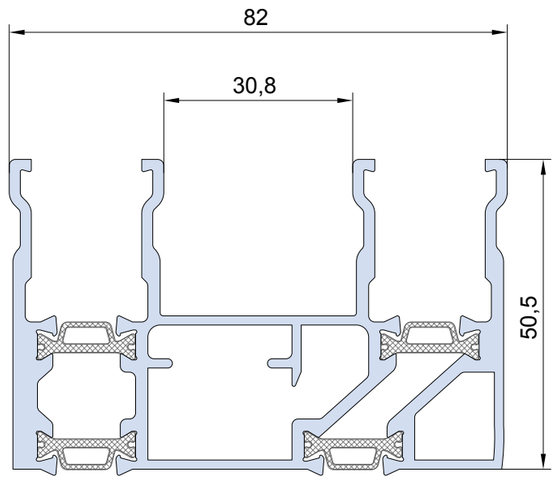
471 gr/m



SL 20813

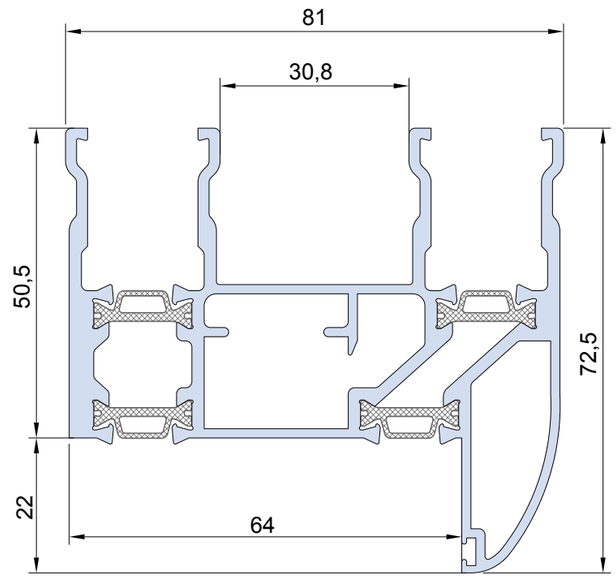
296 gr/m

Profili serie SLIDE 80



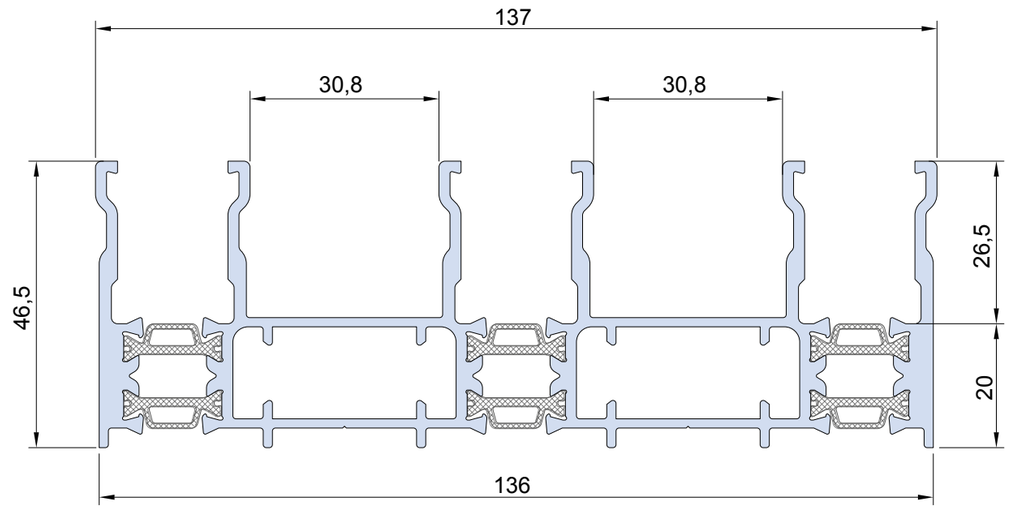
TT 8009

2314 gr/m



TT 8008

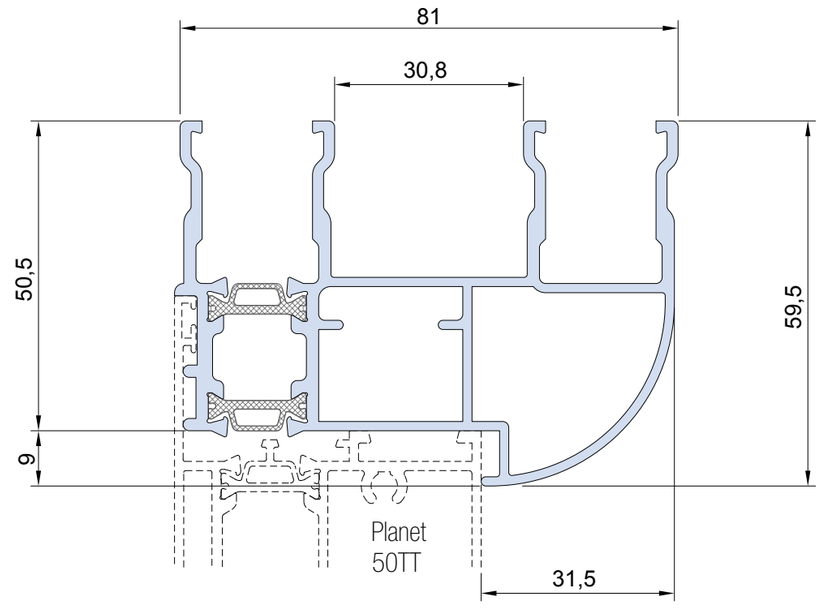
2471 gr/m



TT 8033

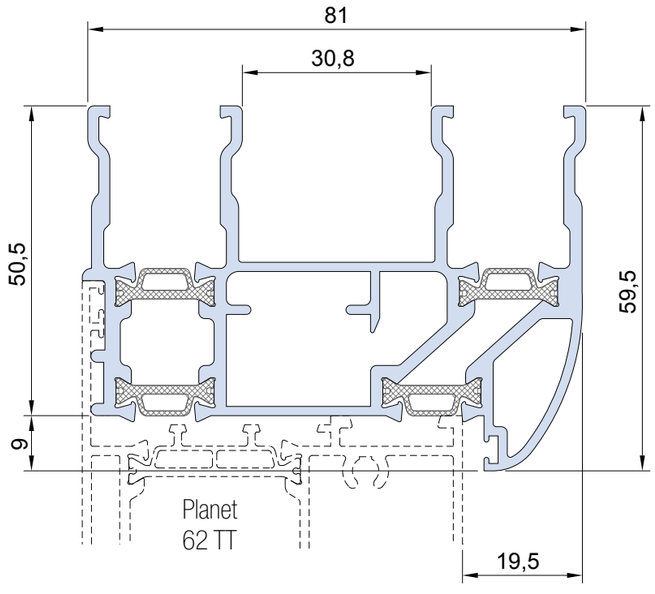
3130 gr/m

Profili telaio da 80mm, per accoppiamento con serie Planet 50TT



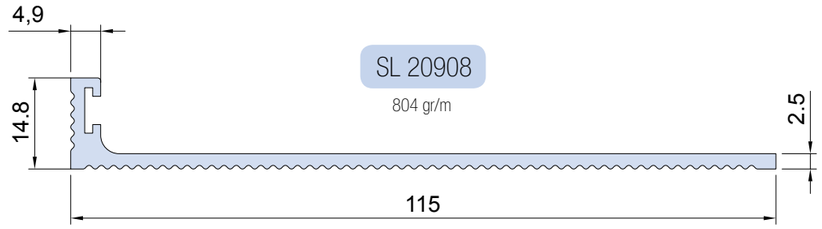
TT 8007
1891 gr/m

Profili telaio da 80mm, per accoppiamento con serie Planet 62TT

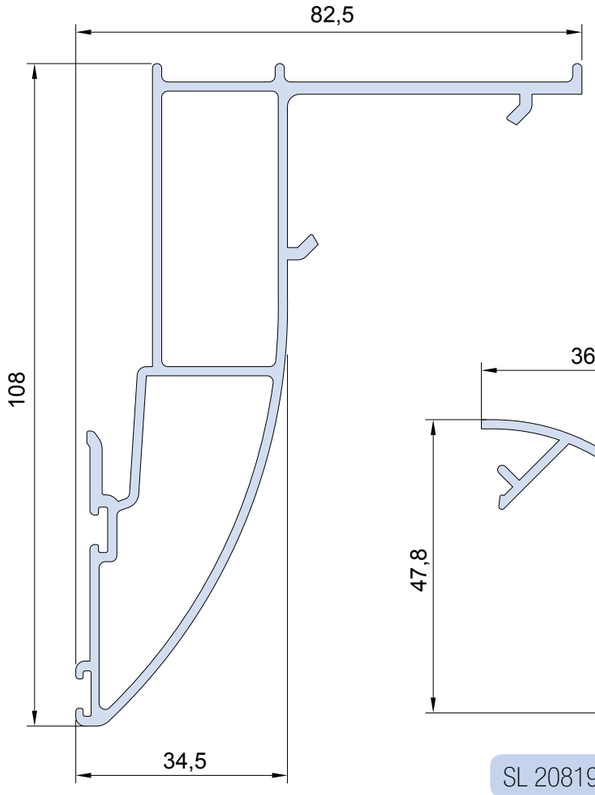


TT 8006
2276 gr/m

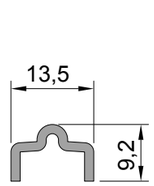
Profili universali



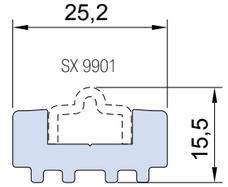
SL 20908
804 gr/m



SL 20818
1532 gr/m

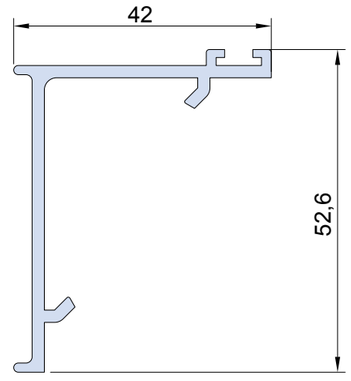


SX 9901

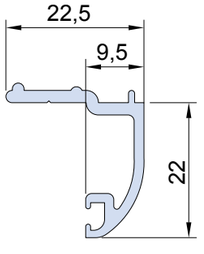


SL 20807
479 gr/m

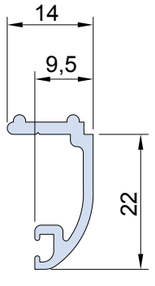
SL 20819
450 gr/m



SL 20817
587 gr/m



SL 20870
272 gr/m



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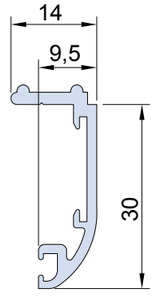
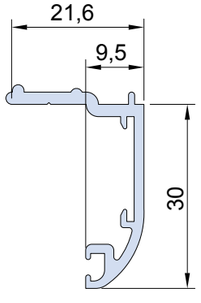
229 gr/m



SL 20872
280 gr/m



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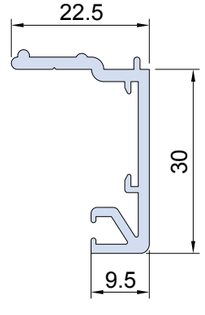
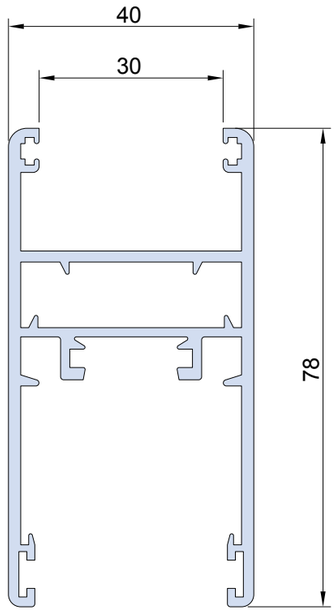
321 gr/m



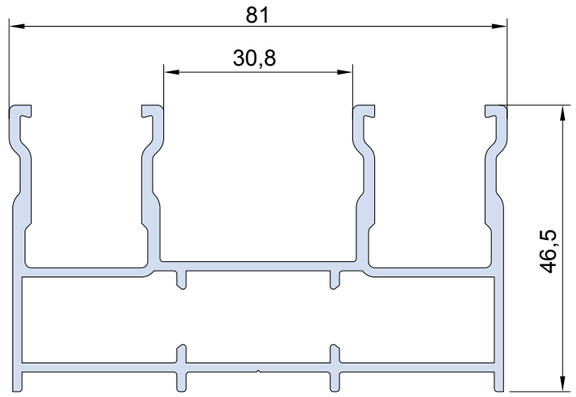
SL 20874
362 gr/m

Profili serie SLIDE 80 non isolati



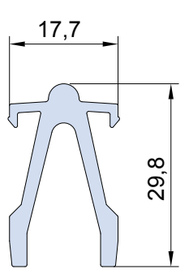
SL 20811

1.396 gr/m



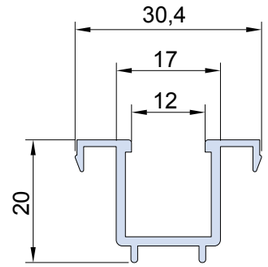
SL 20803

1.487 gr/m



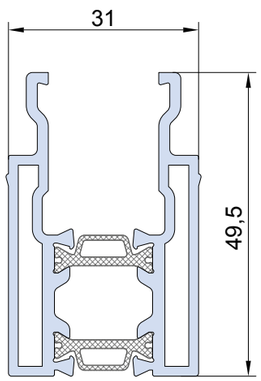
SL 20804

483 gr/m



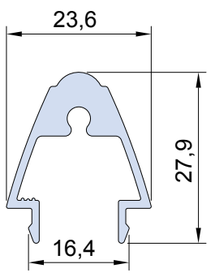
SL20815

282 gr/m



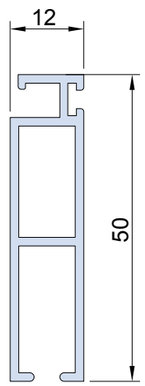
TT 8014

1144 gr/m



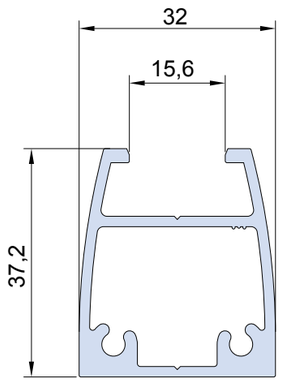
TT 121

428 gr/m



SL 20809

485 gr/m



TT 122

814 gr/m

Indice alfanumerico accessori / guarnizioni

Alphanumeric index

AC 2611	Tappo anta rinforzata destro e sinistro *Plug for reinforced leaf, left and right*
AC 8029	Tappi di tenuta per ante frontali *Seal plug for frontal sash*
ACP 1601	Squadretta allineamento in nylon Slide 106 per ante da 45mm *Allignment nylon corner cleat Slide 106 for 45mm-sash*
ACP 1602	Kit anta fissa *Fixed sash kit*
ACP 1603	Kit completo versione scorrevole per due ante da 45 mm *Complete slide kit for 2, 45mm-sash*
ACP 1604	Kit anta supplementare versione scorrevole tre vie o mono via da 45 mm *Additional slide kit 45mmsash, 1/3rails*
ACP 1607	Rinforzo carrelli per ante superiori a 90 Kg *Support sash Slide 54mm*
ACP 1608	Regolo a muro in metallo *Rail support for +90kg sash*
ACP 1610	Basetta in nylon per martellina da montare su anta raggiata TT1616 *Nylon plate for handle combined with rounded sash TT1616*
ACP 1612	Squadretta allineamento in nylon con pattini guida Slide 106 per ante da 45mm *Allignment nylon corner cleat+slide106 guide for 45mm-sash*
ACP 1633M	Kit componenti versione alzante per due ante da 45 mm da abbinare ad ACP 8017M o ACP 8016M *lift&slide kit for 2 45mm-sash, combined with ACP8017M or ACP8016M*
ACP 5001	Vite Ø8 per squadrette multifunzione ACP 7001 e ACP 7002 *Screw ø 8 for multi-function corner cleat ACP 7001, ACP 7002*
ACP 5002	Squadretta a pulsante 23x14mm, Ø10, strong-filettata *Press-type corner cleat, 23x14 mm*
ACP 5008	Squadretta allineamento inacciaio inox *Allignement corner joint, stainless steel*
ACP 5030	Spina Ø3mm per squadrette ACP 50153 e ACP 50154 con manico *Dowel, Ø3 mm., with grip for ACP 50153 and ACP 50154 multifunction corner cleats*
ACP 5035	Regolo a muro in nylon *Nylon wall spacer*
ACP 5036	Regolo a muro in metallo *Metal wall spacer*
ACP 5800	Spina per squadretta multifunzione ACP 7001 e ACP 7002 *Dowel for ACP 5801, ACP 5802 and ACP 7001 multifunction corner cleat*
ACP 5801	Squadretta 23x14 mm multi funzione, avvitare, spinare o cianfrinare *Multifunction corner cleat, 23x14mm. Install with screws, dowels or by staking*
ACP 6230	Appoggio vetro, utilizzare solo con ante da 45 mm *Glass support for 45mm sash*
ACP 8001	Squadretta anta *Sash corner cleat*
ACP 8002	Meccanismo per martellina *Handle mechanism*
ACP 8003	Kit completo versione scorrevole per due ante da 40 mm *Complete slide kit for 2 40mm-sash*

ACP 8004	Kit anta supplementare versione scorrevole tre vie da 40 mm *Additional slide kit 40mmsash, 3-rails*
ACP 8005	Cremonese mono direzionale da applicare su versione scorrevole, per ante fino a 160 Kg, abbinare ad ACP 8006 *Cremonese bolt monodirectional, applied on slide system for160kg capacity sash. combined with ACP8006*
ACP 8006	Traino astina per cremonese abbinare ad ACP 8005 *Towing rod for cremonese, combined with acp 8005*
ACP 8009	Maniglia ad incasso abbinare con ACP 8010 *Recessed handle, combined with acp 8010*
ACP 8010	Traino astina per maniglia ad incasso abbinare con ACP 8009 e ACP 8011 *Towing rod for recessed handle, combined with acp 8009 and acp 8011*
ACP 8011	Maniglia ad incasso con chiave abbinare con ACP 8010 *Recessed handle with key. Combined with acp 8010*
ACP 8012	Kit chiusura universale *Universal closure kit*
ACP 8013	Vaschetta esterna di traino abbinare ad ACP 8009 o ACP 8011 *Recessed handle. Combined with acp 8009 and acp 8011*
ACP 8014	Martellina 0°- 180° *Handle 0°-180°*
ACP 8016M	Kit carrelli versione alzante per 1 anta universale 2 ruote + mecc. angolare portata 200 Kg per anta *Lift&slide rails kit for 1universal sash with 2 wheels+corner mechanism 200kg capacity*
ACP 8017M	Kit carrelli versione alzante per 1 anta universale 1 ruota + mecc. angolare portata 90 Kg per anta *Lift&slide rails kit for 1universal sash with 1 wheels+corner mechanism. 90Kg capacity*
ACP 8018	Maniglia ad incasso a leva versione alzante, portata massima 80 Kg *Recessed lever handle, lift&slide system. 80Kg capacity*
ACP 8019	Martellina 0°- 180° manico lungo *Long handle 0°-180°*
ACP 8020	Serratura più borchia e copri cilindro da abbinare al meccanismo martellina ACP 8008 *Lock+plate+cover. Combined with handle mechanism acp 8008*
ACP 8022	Borchia esterna e copri cilindro supplementari *Additional plate+cover*
ACP 8023	Tappi di tenuta per mono via *Seal plug for 1-rail*
ACP 8024	Tappi scarico acqua 3 vie *seal plug for 3-rail*
ACP 8025	Borchia esterna antieffrazione *Burglary resistance plate*
ACP 8026	Kit antieffrazione per versione alzante *Lift&slide burglary resistance kit*
ACP 8027	Tappo per profilo rinforzo per TT 121 e TT 122 *Plug for reinforced profile for TT 121 and TT 122*
ACP 8028	Cappetta scarico acqua di colore nero. Disponibile su richiesta anche nei colori RAL 1013 e RAL 9010 *Drainage plug, black.. Available on request: RAL 1013, RAL 9010*
ACP 8030	Squadretta allineamento in nylon Slide 80 per ante da 45mm *Allignment nylon corner cleat Slide 80 for 45mm-sash*
ACP 8033M	Kit componenti versione alzante per due ante da 40 mm *Lift&slide kit for 2 - 40mm sash*

ACP 8040	Boccola di drenaggio *Drain bushing*
ACP 8041	Spugna di tenuta per soglia ribassata versione scorrevole *Foam for low threshold, slide type*
ACP 8042	Spugna di tenuta per soglia ribassata versione alzante *Foam for low threshold, lift&slide typeLateral towing handle. combined with ACP 8009 and ACP 8011*
ACP 8050	Maniglia laterale di traino abbinare ad ACP 8009 o ACP 8011 *Lateral towing handle. combined with ACP8009 and ACP8011*
ACP 8051	Maniglia esterna di traino abbinare ad ACP 8009 o ACP 8011 *Towing handle. combined with ACP 8009 and ACP 8011*
ACP 8052	Maniglia esterna di traino con chiave abbinare ad ACP 8009 *Towing handle with key. combined with ACP 8009*
ACP 8062	Tappo di compenso binario per profili TT 1608, TT 1609 e TT 1610 *Terminal plugs for profile TT 1608, TT 1609 and TT 1610*
ACP 50153	Squadretta 4x14mm multifunzione spino cianfrinare e avvitare *Multifunction corner cleat, 4x14 mm. Install with screws, dowels or by staking*
AGP 3102	Guarnizione vetro interna in PVC, 2mm *2mm internal glass PVC gasket*
AGP 3103	Guarnizione vetro interna in PVC, 3mm *3mm internal glass PVC gasket*
AGP 3104	Guarnizione vetro interna in PVC, 4mm *4mm internal glass PVC gasket*
AGP 3105	Guarnizione vetro interna in PVC, 5mm *5mm internal glass PVC gasket*
AGP 3106	Guarnizione vetro interna in PVC, 6mm *6mm internal glass PVC gasket*
AGP 3107	Guarnizione vetro interna in PVC, 7mm *7mm internal glass PVC gasket*
AGP 3108	Guarnizione vetro interna in PVC, 8mm *8mm internal glass PVC gasket*
AGP 3110	Guarnizione vetro interna in PVC, 10mm *10mm internal glass PVC gasket*
AGP 3123	Guarnizione vetro interna pretagliata in EPDM, 2/3mm *Pre-cut EPDM inner glazing seal, 2-3mm*
AGP 3145	Guarnizione vetro interna pretagliata in EPDM, 4/5mm *Pre-cut EPDM inner glazing seal, 4-5mm*
AGP 3167	Guarnizione vetro interna pretagliata in EPDM, 6/7mm *Pre-cut EPDM inner glazing seal, 6-7mm*
AGP 4000	Guarnizione di battuta in EPDM *EPDM rabbet seal*
AGP 4002	Guarnizione isolamento perimetrale muro-telaio *Wall-frame perimeter insulation seal*
AGP 4011	Guarnizione isolante termica sottovetro in polietilene espanso di 8x30mm *Underglass EPE thermal insulation gasket, 8x30mm*
AGP 4013	Guarnizione esterna in EPDM 2,5mm *EPDM external glazing seal 2,5mm*

AGP 4014	Guarnizione esterna in EPDM 4mm *EPDM external glazing seal, 4mm*
AGP 6280	Guarnizione di giunzione telaio battente-telaio scorrevole *Leaf frames and sliding frames junction gasket*
AGP 8005	Spazzolino con lamella in tessuto nei profili apertura esterna *Door bottom seal brush for outward opening profileRebate gasket for lift&slide system, black color*
AGP 8015	Guarnizione di battuta in espanso rivestito. Di colore nero *Plastic profile for central rebate - black color*
TAC 803	Profilo plastico per incontro centrale di colore nero *PA bottom rail*
TAC 805	Binario inferiore in Poliammide *PVC perimetral rail - black color*
TAC 807	Binario perimetrale in PVC di colore nero *PVC perimetral rail. Brown color available on request.*
TAC 809	Binario inferiore in poliammide con predisposizione per guida in inox SX 9901 *PA bottom rail with steinles steel guide SX 9901set up*
TAC 1000	Astina in poliammide *PA rod*

guarnizioni

Accessories - gaskets

AGP 3102

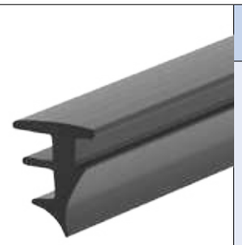
Guarnizione vetro interna in PVC, 2mm
Conf. metri: 1000

2mm internal glass PVC gasket
Mt. 1000

AGP 3107

Guarnizione vetro interna in PVC, 7mm
Conf. metri: 200

PVC inner glazing seal, 7mm
Mt: 200



AGP 3103

Guarnizione vetro interna in PVC, 3mm
Conf. metri: 600

3mm internal glass PVC gasket
Mt. 600

AGP 3108

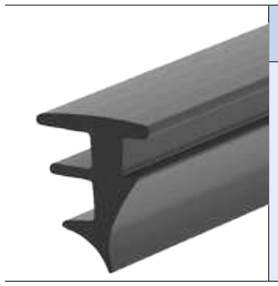
Guarnizione vetro interna in PVC, 8mm
Conf. metri: 160

PVC inner glazing seal, 8mm
Mt: 160

AGP 3104

Guarnizione vetro interna in PVC, 4mm
Conf. metri: 500

4mm internal glass PVC gasket
Mt. 500



AGP 3110

Guarnizione vetro interna in PVC, 10mm
Conf. metri: 140

PVC inner glazing seal, 10mm
Mt: 140

AGP 3105

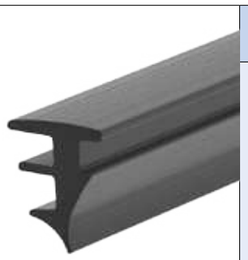
Guarnizione vetro interna in PVC, 5mm
Conf. metri: 360

5mm internal glass PVC gasket
Mt. 360

AGP 3123

Guarnizione vetro interna pretagliata in EPDM, 2/3mm.
Consente la piega a 90° senza taglio
Conf. metri: 200

Precut EPDM inner glazing seal, 2-3mm.
Can be bent at a 90° angle without cutting
Mt: 200



AGP 3106

Guarnizione vetro interna in PVC, 6mm
Conf. metri: 250

6mm internal glass PVC gasket
Mt. 250

AGP 3145

Guarnizione vetro interna pretagliata in EPDM, 4/5mm.
Consente la piega a 90° senza taglio
Conf. metri: 200

Precut EPDM inner glazing seal, 4-5mm.
Can be bent at a 90° angle without cutting
Mt: 200

AGP 3167

Guarnizione vetro interna pretagliata in EPDM, 6/7mm.
Consente la piega a 90° senza taglio
Conf. metri: 150

Precut EPDM inner glazing seal, 6-7mm. Can be bent at a 90° angle without cutting
Mt: 150

AGP 4014

Guarnizione esterna in EPDM 4mm
Conf. metri: 200

EPDM external glazing seal, 4mm
Mt: 200

AGP 4000

Guarnizione di battuta in EPDM
Conf. metri: 400

EPDM rabbet seal
Mt: 400

AGP 6280

Guarnizione di giunzione telaio battente-telaio scorrevole
Conf. metri: 300

Leaf frames and sliding frames junction gasket
Mt: 300

AGP 4002

Guarnizione isolamento perimetrale muro-telaio
Conf. metri: 200

Wall-frame perimeter insulation seal
Mt: 200

AGP 8005

Spazzolino con lamella in tessuto
Conf. metri: 100

Door bottom seal brush
Mt: 325

AGP 4011

Guarnizione isolante termica sottovetro in polietilene espanso di 8x30mm
Conf. metri: 10

Underglass EPE thermal insulation gasket, 8x30mm
Mt: 10

AGP 8015

Guarnizione di battuta in espanso rivestito. Di colore nero.Disponibile a richiesta nel colore marrone
Conf. metri: 100

Rebate gasket for lift&slide system, black color.
Brown available on request
Mt: 100

AGP 4013

Guarnizione esterna in EPDM 2,5mm
Conf. metri: 200

EPDM external glazing seal 2,5mm
Mt: 200

TAC 803

Profilo plastico per incontro centrale di colore nero
Disponibile a richiesta nel colore marrone
Metri barre: 3

Plastic profile for central rebate - black.
Brown available on request
Mt: 3

TAC 805

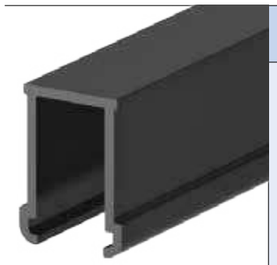
Binario inferiore in Poliammide
Metri barre: 3

PA bottom rail
Mt: 3

AC 2611

Tappo anta rinforzata destro e sinistro
Conf. pz: 100

Plug for reinforced leaf, left and right
Pcs: 100



TAC 807

Binario perimetrale in PVC di colore nero
Disponibile su richiesta in marrone
Conf. metri: 50

PVC perimetral rail.
brown color available on request.
Mt: 50

ACP 1607

Rinforzo anta Slide 45 mm
Conf. pz: 25

Support sash Slide 45mm
Pcs: 25

TAC 809

Binario inferiore in poliammide con predisposizione per guida in inox SX 9901
Conf. metri: 200

PA bottom rail with steinles steel guide SX 9901set up
Mt: 200

ACP 1608

Rinforzo carrelli per ante superiori a 90 Kg
Conf. cp: 25

Rail support for + 90kg sash
Pcs: 25

TAC 1000

Astina in poliammide
Disponibile in grigio e nero
Conf. metri: 250

PA rod.
Available in color grey and black
Mt: 250

ACP 5035

Regolo a muro in nylon
Conf. pz: 250

Nylon wall spacer
Pcs: 250

ACP 5036

Regolo a muro in metallo
Conf. pz: 100

Metal wall spacer
Pcs: 100

ACP 6230

Appoggio vetro, utilizzare solo con ante da 45 mm
Conf. pz: 100

glass support for 45mm sash
Pcs: 100

AC 8029

Tappi di tenuta per ante frontali
Conf. cp: 100

Seal plug for frontal sash
Couple. 100

ACP 8023

Tappi di tenuta per mono via
Conf. cp: 20

seal plug for 1-rail
Couple 2

ACP 8040

Boccola di drenaggio
Conf. pz: 1

Drain bushing
pcs. 1

ACP 8024

Tappi scarico acqua 3 vie
Conf. cp: 20

seal plug for 3-rail
couple. 20

ACP 8041

Spugna di tenuta per soglia ribassata versione scorrevole
Conf. pz: 5

Foam for low threshold, slide type
pcs. 5

ACP 8027

Tappo per profilo rinforzo per TT 121 e TT 122
Conf. pz: 100

Plug for reinforced profile
for TT 121 and TT122
pcs. 100

ACP 8042

Spugna di tenuta per soglia ribassata versione alzante
Conf. pz: 5

Foam for low threshold, lift&slide type
Pcs: 5

ACP 8028

Cappetta scarico acqua di colore nero.Disponibile su richiesta anche nei colori RAL 1013 e RAL 9010
Conf. cp: 100

Drainage plug, black.. Available on request: RAL1013, RAL9010
pcs. 100

ACP 8062

Tappo di compenso binario per profili TT 1608, TT 1609 e TT 1610
Conf. cp: 10

Terminal plugs for profile TT 1608, TT 1609 and TT 1610
Couple: 10

ACP 1601

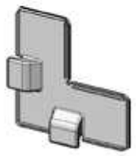
Squadretta allineamento in nylon Slide 106 per ante da 45mm
Conf. pz: 200

Allignment nylon corner cleat Slide 106 for 45mm-sash
Pcs: 200

ACP 5030

Spina Ø3mm per squadrette ACP 50153 e ACP 50154 con manico
Conf. pz: 400

Dowel, Ø3 mm., with grip for ACP 50153 and ACP 50154 multifunction corner cleats
Pcs: 400



ACP 1612

Squadretta allineamento in nylon con pattini guida Slide 106 per ante da 45mm
Conf. pz: 200

Allignment nylon corner cleat+slide106 guide for 45mm-sash
Pcs: 200

ACP 50153

Squadretta 4x14mm multifunzione spino cianfrinare e avvitare
Conf. pz: 200

Multifunction corner cleat, 4x14 mm. Install with screws, dowels or by staking
Pcs: 200

ACP 5001

Vite Ø8 per squadrette multifunzione ACP 7001 e ACP 7002
Conf. pz: 1000

Screw ø8 for multi-function corner cleat ACP 7001, ACP 7002
Pcs: 1000

ACP 5800

Spina per squadretta multifunzione ACP 7001 e ACP 7002
Conf. pz: 1000

Dowel for ACP 5801, ACP 5802 and ACP 7001 multifunction corner cleat
Pcs: 1000

ACP 5002

Squadretta a pulsante 23x14mm, Ø10, strong-filettata
Conf. pz: 250

Press-type corner cleat, 23x14 mm
Pcs: 250

ACP 5801

Squadretta 23x14 mm multi funzione, avvitare, spinare o cianfrinare
Conf. pz: 200

Multifunction corner cleat, 23x14mm. Install with screws, dowels or by staking
Pcs: 250

ACP 5008

Squadretta allineamento in acciaio inox
Conf. pz: 400

Allignement corner joint, stainless steel
Pcs: 400

ACP 8001

Squadretta anta
Conf. pz: 100

Sash corner cleat
Pcs: 100

Chiusure e movimentazioni

Accessories - hardware

ACP 8030

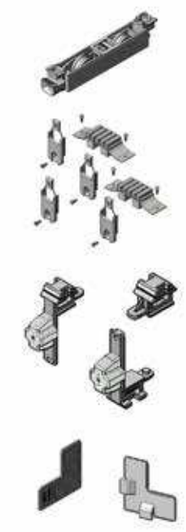
Squadretta allineamento in nylon Slide 80 per ante da 45mm
Conf. pz: 200

Allignment nylon corner cleat Slide 80 for 45mm-sash
Kit: 200

ACP 1602

Kit anta fissa
Conf. pz: 50

Fixed sash kit
Kit: 50



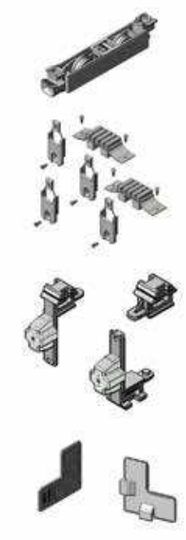
ACP 1603

Kit completo versione scorrevole per due ante da 45 mm composto da:

4 carrelli registrabili portata 200 Kg per anta
1 kit tappi centrali e copri lavorazione
2 kit tappi ammortizzatori ed antisollevamento
8 squadrette di allineamento
8 squadrette di allineamento con guida binario
Kit:10

Complete slide kit for 2 45mm-sash, composed of:

-4 adjustable rail-200kg capacity
-1 plug and Working cover kit
-2 damper plug kit
-8 allignement corner
-8 allignement corner with rail guide
Kit: 10



ACP 1604

Kit anta supplementare versione scorrevole tre vie o mono via da 45 mm composto da:

2 carrelli registrabili portata 200 Kg per anta
1 kit tappi chiusura centrali e copri lavorazione
1 kit tappi ammortizzatori ed antisollevamento
4 squadrette di allineamento
4 squadrette di allineamento con guida binario
Kit:10

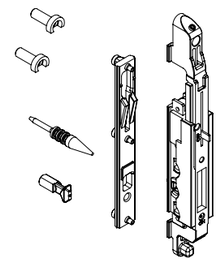
Additional slide kit 45mmsash, 1/3rails. composed of:

-2 adjustable rail-200kg capacity
-1 plug and Working cover kit
-1 damper plug kit
-4 allignement corner
-4 allignement corner with rail guide
Kit: 10

ACP 1610

Basetta in nylon per martellina da montare su anta raggiata TT1616
Conf. pz: 10

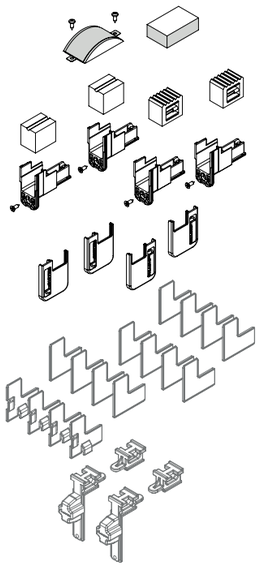
Nylon plate for handle combined with rounded sash TT1616
Pcs: 10



ACP 8002

Meccanismo per martellina
Conf. pz: 10

Handle mechanism
Pcs: 10



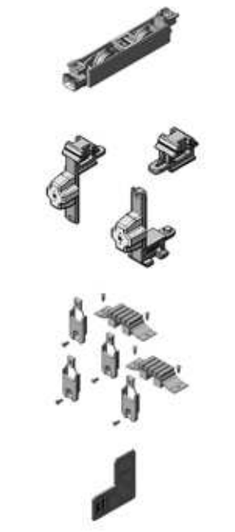
ACP 1633M

Kit componenti versione alzante per due ante da 45 mm da abbinare ad ACP 8017M o ACP 8016M composto da:

1 kit tappi chiusura centrale e copri lavorazione
2 Kit tappi ammortizzatori ed antisollevamento
12 Squadrette di allineamento
4 Squadrette di allineamento con guida binario
Kit: 10

lift&slide kit for 2 45mm-sash, combined with ACP8017M or ACP8016M. composed of:

-1 plug and Working cover kit
-2 damper plug kit
-12 allignement corner
-4 allignement corner with rail guide
Kit: 10



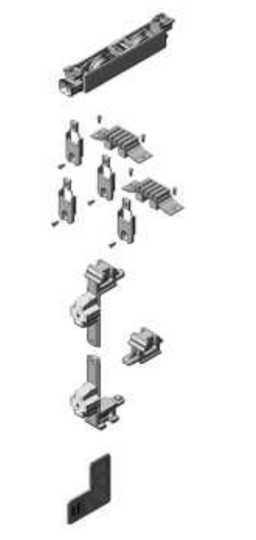
ACP 8004

Kit anta supplementare versione scorrevole tre vie da 40 mm composto da:

2 carrelli registrabili portata 200 Kg per anta
1 kit tappi ammortizzatori ed antisollevamento
1 kit tappi chiusura centrali e copri lavorazione
8 squadrette di allineamento
Kit:10

Additional slide kit 40mmsash, 3rails. composed of:

-2 adjustable rail-200kg capacity
-1 damper plug kit
-8 allignement corner
Kit: 10



ACP 8003

Kit completo versione scorrevole per due ante da 40 mm composto da:

4 carrelli registrabili portata 200 Kg per anta
1 kit tappi centrali e copri lavorazione
2 kit tappi ammortizzatori ed antisollevamento
16 squadrette di allineamento
Kit: 10

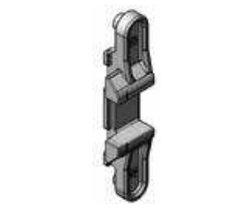
Complete slide kit for 2 40mm-sash, composed of:

-4 adjustable rail-200kg capacity
-1 plug and Working cover kit
-2 damper plug kit
-16 allignement corner
Kit: 10

ACP 8005

Cremonese mono direzionale da applicare su versione scorrevole, per ante fino a 160 Kg, abbinare ad ACP 8006
Conf. pz: 20

Cremonese bolt monodirectional, applied on slide system for160kg capacity sash. combined with ACP 8006
Pcs: 20



ACP 8006

Traino astina per cremonese abbinare ad ACP 8005
Conf. pz: 5

Towing rod for cremonese, combined with ACP 8005
Pcs: 5

ACP 8009

Maniglia ad incasso abbinare con ACP 8010
Conf. pz: 20

Recessed handle, combined with ACP 8010
Pcs: 20

ACP 8014

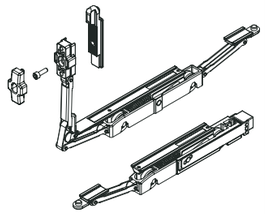
Martellina 0°- 180°
Conf. pz: 5

Handle 0°-180°
Pcs: 5

ACP 8010

Traino astina per maniglia ad incasso abbinare con ACP 8009 e ACP 8011
Conf. pz: 100

Towing rod for recessed handle, combined with ACP 8009 and ACP 8011
Pcs: 100



ACP 8016M

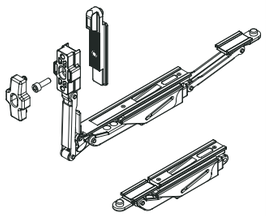
Kit carrelli versione alzante per 1 anta universale 2 ruote + mecc. angolare portata 200 Kg per anta
Conf. pz: 5

Lift&slide rails kit for 1universal sash with 2 wheels+corner mechanism. 90kg capacity
Pcs: 5

ACP 8011

Maniglia ad incasso con chiave abbinare con ACP 8010
Conf. pz: 5

Recessed handle with key. combined with ACP 8010
pcs: 5



ACP 8017M

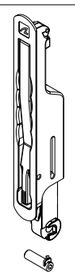
Kit carrelli versione alzante per 1 anta universale 1 ruota + mecc. angolare portata 90 Kg per anta
Conf. pz: 5

Lift&slide rails kit for 1universal sash with 1 wheels+corner mechanism. 90kg capacity
Pcs: 5

ACP 8012

Kit chiusura universale
Kit: 50

Universal closure kit
Kit: 50



ACP 8018

Maniglia ad incasso a leva versione alzante, portata massima 80 Kg
Conf. pz: 5

recessed lever handle, lift&slide system. 80kg capacity
Pcs: 5

ACP 8013

Vaschetta esterna di traino abbinare ad ACP 8009 o ACP 8011
Conf. pz: 5

Recessed handle. combined with ACP 8009 and ACP 8011
Pcs: 5

ACP 8019

Martellina 0°- 180° manico lungo
Conf. pz: 5

Long handle 0°-180°
Pcs: 5

ACP 8020

Serratura più borchia e copri cilindro da abbinare al meccanismo martellina ACP 8008
Conf. pz: 5

Lock+plate+cover. combined with handle mechanism ACP 8008
Pcs: 5

ACP 8026

Kit antieffrazione per versione alzante
Conf. pz: 5

Lift&slide burglary resistance kit
Pcs: 5

ACP 8022

Borchia esterna e copri cilindro supplementari
Conf. pz: 10

Additional plate+cover
Pcs: 10

ACP 8050

Maniglia laterale di traino abbinare ad
ACP 8009 o ACP 8011
Conf. pz: 5

Lateral towing handle. combined with ACP 8009 and ACP 8011
Pcs: 5

ACP 8025

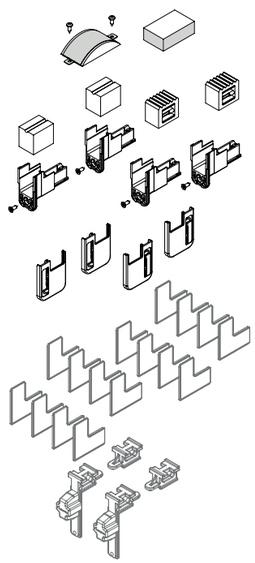
Borchia esterna antieffrazione
Conf. pz: 5

Burglary resistance plate
Pcs: 5

ACP 8051

Maniglia esterna di traino abbinare ad
ACP 8009 o ACP 8011
Conf. pz: 5

Towing handle. combined with ACP 8009 and ACP 8011
Pcs: 5



ACP 8033M

Kit componenti versione alzante per due ante da 40 mm composto da:

1 kit tappi chiusura centrale e copri lavorazione
2 kit tappi ammortizzatori ed antisollevamento
16 Squadrette di allinea-mento
Kit:10

Lift&slide kit for 2 40mmsash, composed of:
-1 plug and Working cover kit
-2 damper plug kit
-16 allignement corner

Kit: 10

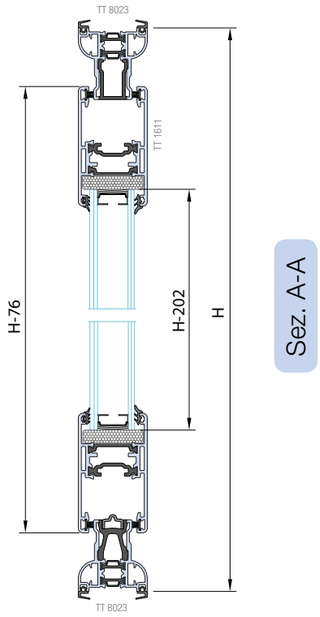
ACP 8052

Maniglia esterna di traino con chiave
abbinare ad ACP 8009
Conf. pz: 5

Towing handle with key. combined with ACP 8009
Pcs: 5

Distinte di taglio

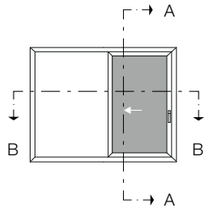
Cutting list



Sez. A-A

Slide window
1-rail

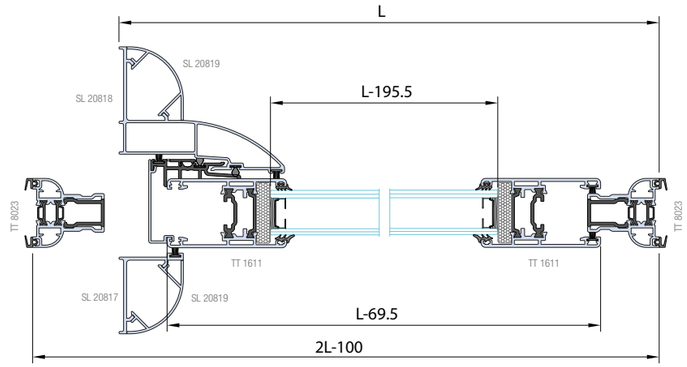
Finestra scorrevole
monovia



Glass list

Distinta vetri

Pezzi	L	H
1	L-195.5	H-202



Sez. B-B

Profiles list

Distinta profili

Art.	Descrizione	q.tà	Misura	Taglio
TT 8023	Traverso telaio *Transom frame*	2	2L-100	
	Montante telaio *Mullion frame*	2	H	
TT 1611	Traverso anta *Transom sash*	2	L-69.5	
	Montante anta *Mullion sash*	2	H-76	
SL 20814	Mont. riporto centrale *Mullion astragal*	1	H-76	
SL 20817	Mont. chiusura monovia *Mullion closure 1-rail*	1	H	
SL 20818	Mont. chiusura monovia *Mullion closure 1-rail*	1	H	
SL 20819	Montante copri vite *Mullion cover screw*	2	H	

Accessories

Distinta accessori

Art.	Descrizione	q.tà
ACP 1604	kit anta supplementare *additional sash kit*	1
ACP 8005	cremonese mono direzionale *cremonese mono-directional*	1
ACP 8006	traino astina cremonese *tow-rod*	1
ACP 8012	kit chiusura *closure kit*	3
ACP 50153	squadretta multifunzione *corner cleat*	8
ACP 5030	spina ACP 50153 *dowel pin for ACP 50153*	16
ACP 8001	squadretta anta *sash corner cleat*	4
ACP 5036	regolo muro *wall spacer*	6/8
ACP 8023	tappi tenuta monovia *seal plug, 1-rail*	2
ACP 1607	kit rinforzo anta *sash support kit*	2
ACP 6230	appoggio vetro *glass support*	6

Gaskets list

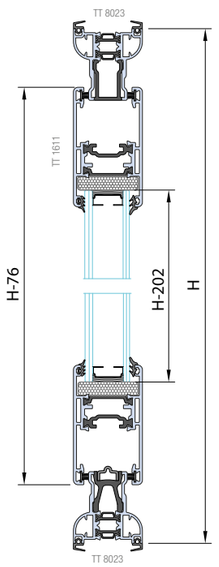
Distinta guarnizioni

Art.	Descrizione	Pezzi	Misura
AGP 4002	isolamento muro *Wall seal*	4 4	2L-100 H
AGP 4014	vetro esterna *External glass gasket*	2 2	L-195.5 H-202
AGP 3105	vetro interna *Internal glass gasket*	2 2	L-195.5 H-202
AGP 8015	battuta *Rebate gasket*	2	H-76
TAC 803	chicane *Chicane*	1	H-76
TAC 809	binario inferiore *Bottom rail*	1	2L-100
TAC 807	binario perimetrale *Perimetral rail*	1 2	2L-100 H
AGP 8005	spazzolino *Brush*	4 3 2	L-69.5 H-76 H
AGP 4011	sotto vetro *Under glass*	2 2	L-185.5 H-190
SX 9901	guida in inox *Stainless steel guide*	1	2L-100

Si consiglia di utilizzare i punti di chiusura, come indicato in talebba
We recommend to use closure points, as indicated in table

altezza	n° punti
H fino a 1500mm	1
H 1500/2000mm	2
H 2000/2500	3
H oltre 2500mm	4

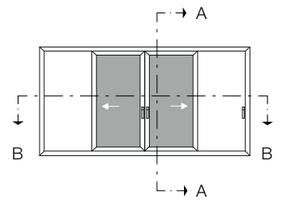
*** TABELLA VALIDA PER TUTTE LE TIPOLOGIE
THE TABLE IL VALID FOR ALL TYPES



Sez. A-A

Slide windows
1 rails / 2 sash

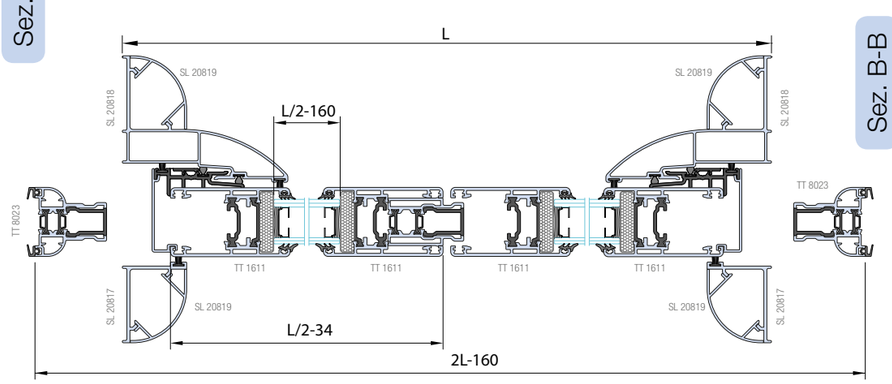
Finestra scorrevole
monovia 2 ante



Glass list

Distinta vetri

Pezzi	L	H
2	L/2-160	H-202



Sez. B-B

Profiles list

Distinta profili

Art.	Descrizione	q.tà	Misura	Taglio
TT 8023	Traverso telaio *Transom frame*	2	2L-160	
	Montante telaio *Mullion frame*	2	H	
TT 1611	Traverso anta *Transom sash*	4	L/2-34	
	Montante anta *Mullion sash*	4	H-76	
SL 20814	Mont. riporto centrale *Mullion astragal*	2	H-76	
SL 20817	Mont. chiusura monovia *Mullion closure 1-rail*	2	H	
SL 20818	Mont. chiusura monovia *Mullion closure 1-rail*	2	H	
SL 20819	Montante copri vite *Mullion cover screw*	4	H	

Accessories

Distinta accessori

Art.	Descrizione	q.tà
ACP 1603	kit completo scorrevole *complete slide kit*	1
ACP 8005	cremonese mono direzionale *cremonese mono-directional*	1
ACP 8006	traino astina cremonese *tow-rod*	1
ACP 8012	kit chiusura *closure kit*	3
ACP 50153	squadretta multifunzione *corner cleat*	8
ACP 5030	spina ACP 50153 *dowel pin for ACP 50153*	16
ACP 8001	squadretta anta *sash corner cleat*	8
ACP 5036	regolo muro *wall spacer*	16
ACP 8023	tappi tenuta monovia *seal plug, 1-rail*	4
ACP 1607	kit rinforzo anta *sash support kit*	4
ACP 6230	appoggio vetro *glass support*	12

Gaskets list

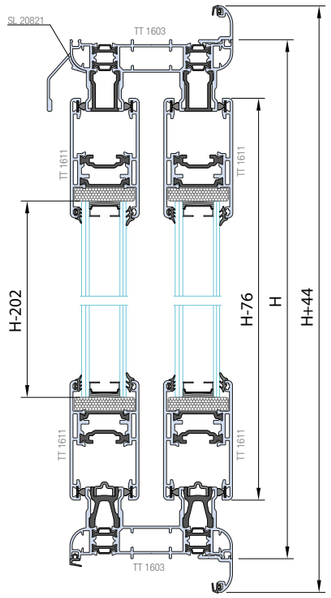
Distinta guarnizioni

Art.	Descrizione	Pezzi	Misura
AGP 4002	isolamento muro *Wall seal*	4 4	2L-160 H
AGP 4014	vetro esterna *External glass gasket*	4 4	L/2-160 H-202
AGP 3105	vetro interna *Internal glass gasket*	2 2	L/2-160 H-202
AGP 8015	battuta *Rebate gasket*	4	H-76
TAC 803	chicane *Chicane*	2	H-76
TAC 809	binario inferiore *Bottom rail*	1	2L-253
TAC 807	binario perimetrale *Perimetral rail*	1 2	2L-253 H-93
AGP 8005	spazzolino *Brush*	8 4 4	L/2-34 H-76 H
AGP 4011	sotto vetro *Under glass*	4 4	L/2-34 H-190
SX 9901	guida in inox *Stainless steel guide*	1	2L-253

*** pag.56

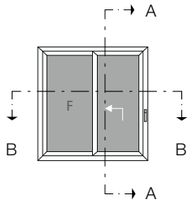
Distinte di taglio

Cutting list



Lift&slide window
2 rails / 1 fixed

Finestra alzante
2 vie / 1 fisso

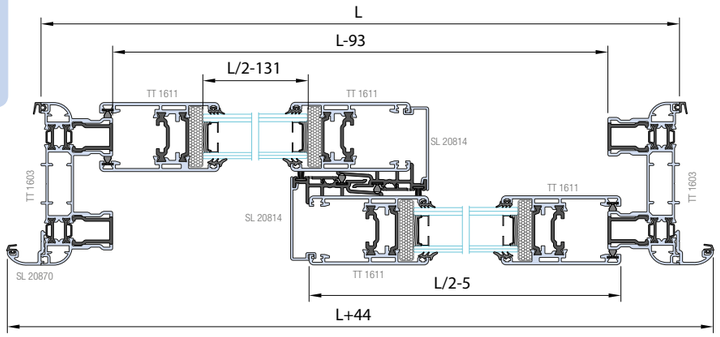


Glass list

Distinta vetri

Pezzi	L	H
2	L/2-131	H-202

Sez. A-A



Sez. B-B

Distinta profili

Art.	Descrizione	q.tà	Misura	Taglio
TT 1603	Traverso telaio *Transom frame*	2	L	
	Montante telaio *Mullion frame*	2	H	
TT 1611	Traverso anta *Transom sash*	4	L/2-5	
	Montante anta *Mullion sash*	4	H-76	
SL 20814	Mont. riporto centrale *Mullion astragal*	2	H-76	
SL 20870	Traverso battuta di riporto *Transom rebate astragal*	2	L+44	
	Montante battuta di riporto *Mullion rebate astragal*	2	H+44	
SL 20821	gocciolatoio *Drip fin*	1	L	

Profiles list

Distinta guarnizioni

Art.		Descrizione		Pezzi	Misura
AGP 4000		battuta	*Rebate gasket*	2 2	L+44 H+44
AGP 4002		isolamento muro	*Wall seal*	2 2	L H
AGP 4014		vetro esterna	*External glass gasket*	4 4	L/2-131 H-202
AGP 3105		vetro interna	*Internal glass gasket*	4 4	L/2-131 H-202
AGP 8015		battuta	*Rebate gasket*	6 8	H-76 L/2-5
TAC 803		chicane	*Chicane*	2	H-76
TAC 809		binario inferiore	*Bottom rail*	2	L-93
TAC 807		binario perimetrale	*Perimetral rail*	2 4	L-93 H-93
AGP 8005		spazzolino	*Brush*	2	H-76
AGP 4011		sotto vetro	*Under glass*	4 4	L/2-120 H-190
SX 9901		guida in inox	*Stainless steel guide*	2	L-93

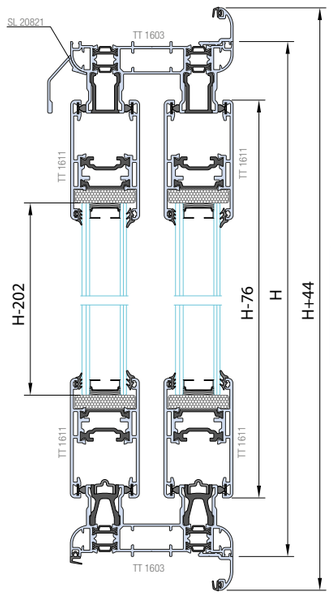
Gaskets list

Distinta accessori

Art.	Descrizione	q.tà
ACP 1633M	kit elementi plastici *plastic piege kit*	1
ACP 8016M	kit carrelli *rail kit*	1
ACP 8019	martellina *handle*	1
ACP 8002	meccanismo martellina *handle mechanism*	1
ACP 8012	kit chiusura *closure kit*	6
ACP 8028	cappette scarico acqua *water drain plate*	2
ACP 5801	squadretta multifunzione *corner cleat*	4
ACP 5001	vite per ACP 5801 *screw for vite per ACP 5801*	8
ACP 50153	squadretta multifunzione *corner cleat*	8
ACP 5030	spina per ACP 50153 *dowel pin for ACP 50153*	16
ACP 8001	squadretta anta *sash corner cleat*	8
ACP 5036	regolo muro *wall spacer*	6/8
ACP 1602	kit anta fissa *kit anta fissa*	1
ACP 8006	traino astina per cremonese *tow-rod for cremonese*	1
ACP 1607	kit rinforzo anta *sash support kit*	2
ACP 8040	boccola di drenaggio *drain bushing*	2
ACP 6230	appoggio vetro *glass support*	12

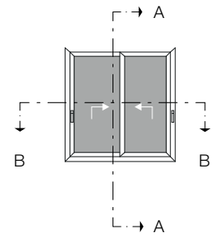
Accessories

*** pag.56



Lift&slide window
2 rails / 2 sash

Finestra alzante
2 vie / 2 ante

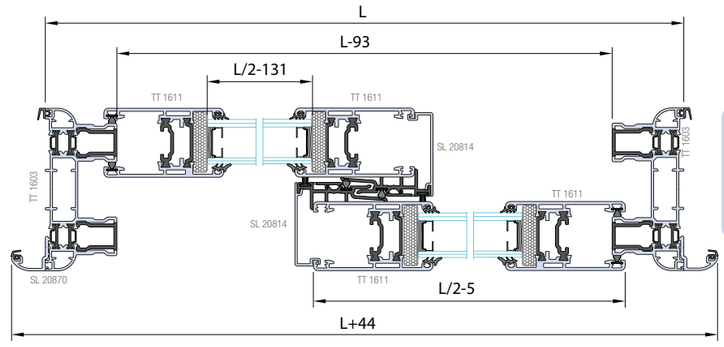


Glass list

Distinta vetri

Pezzi	L	H
2	L/2-131	H-202

Sez. A-A



Sez. B-B

Distinta profili

Art.	Descrizione	q.tà	Misura	Taglio
TT 1603	Traverso telaio *Transom frame*	2	L	
	Montante telaio *Mullion frame*	2	H	
TT 1611	Traverso anta *Transom sash*	4	L/2-5	
	Montante anta *Mullion sash*	4	H-76	
SL 20814	Mont. riporto centrale *Mullion astragal*	2	H-76	
SL 20870	Traverso battuta di riporto *Transom rebate astragal*	2	L+44	
	Montante battuta di riporto *Mullion rebate astragal*	2	H+44	
SL 20821	gocciolatoio *Drip fin*	1	L	

Profiles list

Distinta guarnizioni

Art.		Descrizione		Pezzi	Misura
AGP 4000		battuta	*Rebate gasket*	2 2	L+44 H+44
AGP 4002		isolamento muro	*Wall seal*	2 2	L H
AGP 4014		vetro esterna	*External glass gasket*	4 4	L/2-131 H-202
AGP 3105		vetro interna	*Internal glass gasket*	4 4	L/2-131 H-202
AGP 8015		battuta	*Rebate gasket*	6 8	H-76 L/2-5
TAC 803		chicane	*Chicane*	2	H-76
TAC 809		binario inferiore	*Bottom rail*	2	L-93
TAC 807		binario perimetrale	*Perimetral rail*	2 4	L-93 H-93
AGP 8005		spazzolino	*Brush*	2	H-76
AGP 4011		sotto vetro	*Under glass*	4 4	L/2-120 H-190
SX 9901		guida in inox	*Stainless steel guide*	2	L-93

Gaskets list

Distinta accessori

Art.	Descrizione	q.tà
ACP 1633M	kit elementi plastici *plastic piege kit*	1
ACP 8016M	kit carrelli *rail kit*	2
ACP 8019	martellina *handle*	2
ACP 8002	meccanismo martellina *handle mechanism*	2
ACP 8012	kit chiusura *closure kit*	6
ACP 8028	cappette scarico acqua *water drain plate*	2
ACP 5801	squadretta multifunzione *corner cleat*	4
ACP 5001	vite per ACP 5801 *screw for vite per ACP 5801*	8
ACP 50153	squadretta multifunzione *corner cleat*	8
ACP 5030	spina per ACP 50153 *dowel pin for ACP 50153*	16
ACP 8001	squadretta anta *sash corner cleat*	8
ACP 5036	regolo muro *wall spacer*	6/8
ACP 1607	kit rinforzo anta *sash support kit*	4
ACP 8040	boccola di drenaggio *drain rod*	2
ACP 6230	appoggio vetro *glass support*	12

Accessories

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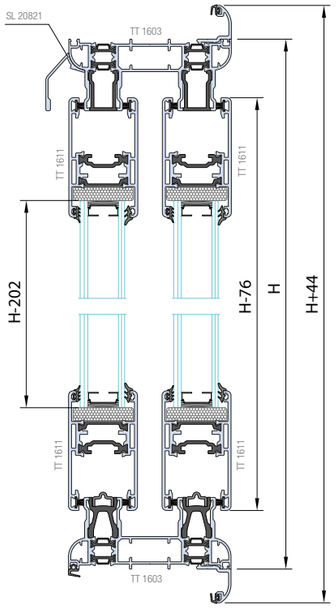
Distinte di taglio

Cutting list



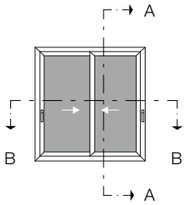
Slide window
2 rails / 2 sash

Finestra scorrevole
2 vie / 2 ante

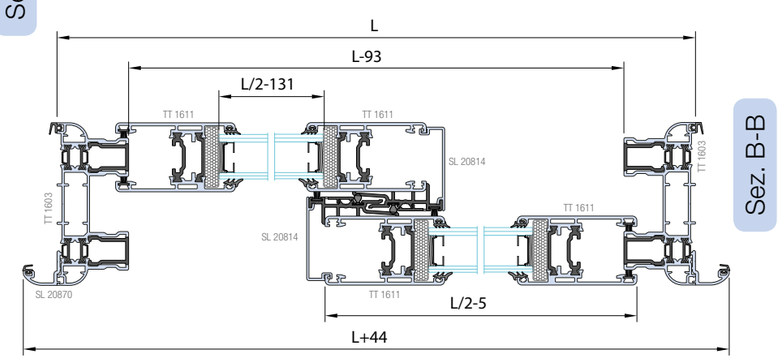
Glass list

Distinta vetri

Pezzi	L	H
2	L/2-131	H-202



Sez. A-A



Sez. B-B

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 1603	Traverso telaio *Transom frame*	2	L	
	Montante telaio *Mullion frame*	2	H	
TT 1611	Traverso anta *Transom sash*	4	L/2-5	
	Montante anta *Mullion sash*	4	H-76	
SL 20814	Mont. riporto centrale *Mullion astragal*	2	H-76	
SL 20870	Traverso battuta di riporto *Transom rebate astragal*	2	L+44	
	Montante battuta di riporto *Mullion rebate astragal*	2	H+44	
SL 20821	gocciolatoio *Drip fin*	1	L	

Distinta guarnizioni

Gaskets list

Art.		Descrizione		Pezzi	Misura
AGP 4000		battuta	*Rabbet gasket*	2 2	L+44 H+44
AGP 4002		isolamento muro	*Wall seal*	2 2	L H
AGP 4014		vetro esterna	*External glazing seal*	4 4	L/2-131 H-202
AGP 3105		vetro interna	*Internal glazing seal*	4 4	L/2-131 H-202
AGP 8015		battuta	*Rebate gasket*	2	H-76
TAC 803		chicane	*Chicane*	2	H-76
TAC 809		binario inferiore	*Bottom rail*	2	L-93
TAC 807		binario perimetrale	*Perimetral rail*	2 4	L-93 H-93
AGP 8005		spazzolino	*Brush*	6 8	H-76 L/2-5
AGP 4011		sotto vetro	*Under glass*	4 4	L/2-120 H-190
SX 9901		guida in inox	*Steinless steel guide*	2	L-93

Distinta accessori

Accessories

Art.	Descrizione	q.tà
ACP 1603	kit completo vers. scorrevole *whole slide kit*	1
ACP 8009	maniglia ad incasso *recessed handle*	2
ACP 8010	traino astina *tow-rod*	2
ACP 8012	kit chiusura *closure kit*	2
ACP 8028	cappette scarico acqua *water drain plate*	2
ACP 5801	squadretta multifunzione *corner cleat*	4
ACP 5001	vite per ACP 5801 *screw for vite per ACP 5801*	8
ACP 50153	squadretta multifunzione *corner cleat*	8
ACP 5030	spina per ACP 50153 *dowel pin for ACP 50153*	16
ACP 8001	squadretta anta *sash corner cleat*	8
ACP 5036	regolo muro *wall spacer*	6/8
ACP 1607	kit rinforzo anta *sash support kit*	4
ACP 8040	boccola di drenaggio *drain rod*	2
ACP 6230	appoggio vetro *glass support*	12

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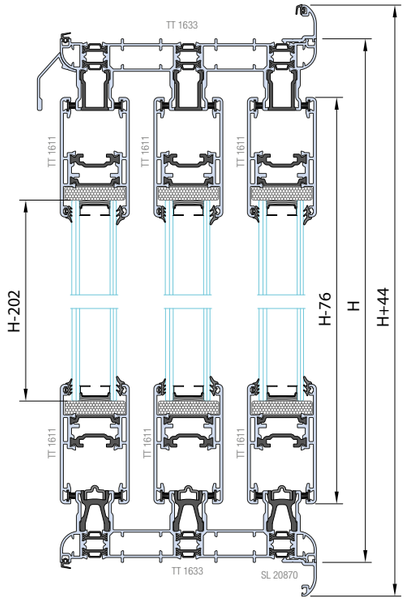


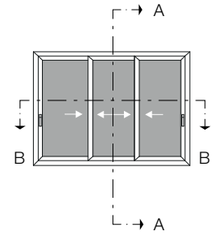
Slide window
3 rails / 3 sash

Finestra scorrevole
3 vie / 3 ante

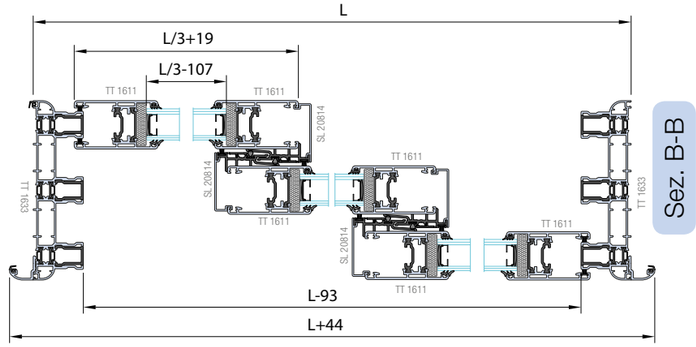
Glass list

Distinta vetri

Pezzi	L	H
3	L/3-107	H-202



Sez. A-A



Sez. B-B

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 1633M	Traverso telaio *Transom frame*	2	L	
	Montante telaio *Mullion frame*	2	H	
TT 1611	Traverso anta *Transom sash*	6	L/3+19	
	Montante anta *Mullion sash*	6	H-76	
SL 20870	Traverso battuta di riporto *Transom rebate astragal*	2	L+44	
	Montante battuta di riporto *Mullion rebate astragal*	2	H+44	
SL 20814	Montante riporto centrale *Mullion astragal*	4	H-76	
SL 20821	Gocciolatoio *Drip fin*	1	L	

Distinta guarnizioni

Gaskets list

Art.		Descrizione		Pezzi	Misura
AGP 4000		battuta	*Rebate gasket*	2 2	L+44 H+44
AGP 4002		isolamento muro	*Wall seal*	2 2	L H
AGP 4014		vetro esterna	*External glass gasket*	6 6	L/3-107 H-202
AGP 3105		vetro interna	*Internal glass gasket*	6 6	L/3-107 H-202
AGP 8015		battuta	*Rebate gasket*	4	H-76
TAC 803		chicane	*Chicane*	4	H-76
TAC 809		binario inferiore	*Bottom rail*	3	L-93
TAC 807		binario perimetrale	*Perimetral rail*	3 6	L-93 H-93
AGP 8005		spazzolino	*Brush*	4 12	H-76 L/3+19
AGP 4011		sotto vetro	*Under glass*	6 6	L/2-97 H-190
SX 9901		guida in inox	*Stainless steel guide*	3	L-93

Distinta accessori

Accessories

Art.	Descrizione	q.tà
ACP 1603	kit completo vers. scorrevole *whole slide kit*	1
ACP 8009	maniglia ad incasso *recessed handle*	2
ACP 8010	traino astina *tow-rod*	2
ACP 8012	kit chiusura *closure kit*	2
ACP 1604	kit anta supplementare *additional sash kit*	1
ACP 8028	cappette scarico acqua *water drain plate*	4
ACP 5801	squadretta multifunzione *corner cleat*	8
ACP 5001	vite per ACP 5801 *screw for vite per ACP 5801*	16
ACP 50153	squadretta multifunzione *corner cleat*	8
ACP 5030	spina per ACP 50153 *dowel pin for ACP 50153*	16
ACP 8001	squadretta anta *sash corner cleat*	12
ACP 5036	regolo muro *wall spacer*	16
ACP 8024	tappi scarico acqua 3 vie *water drain plug, 3-rail*	4
ACP 1607	kit rinforzo anta *sash support kit*	4
ACP 8040	boccola di drenaggio *drain rod*	6
ACP 6230	appoggio vetro *glass support*	18

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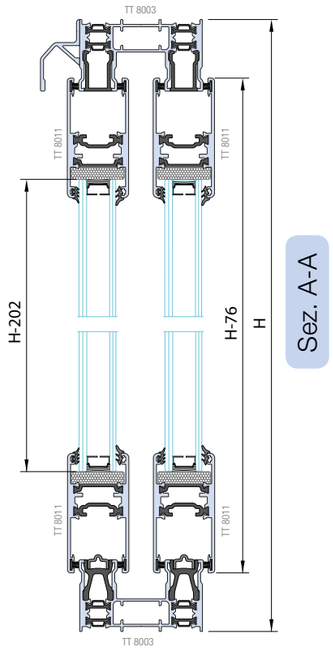
Distinte di taglio

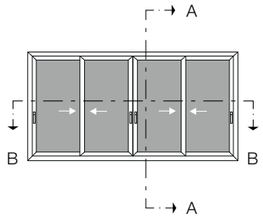
Cutting list



Sez. A-A

Slide window;
2 rails / 4 sash

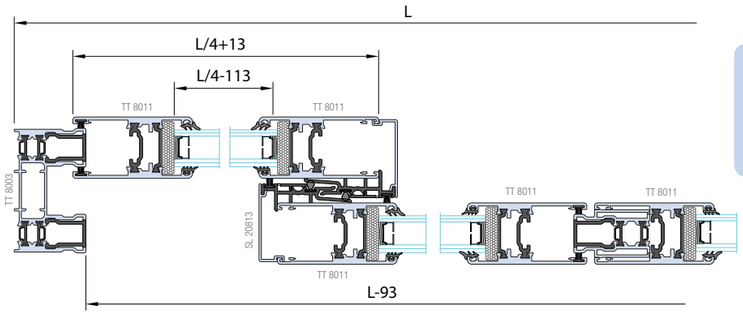
Finestra scorrevole
2 vie / 4 ante



Glass list

Distinta vetri

Pezzi	L	H
4	L/4-113	H-202



Sez. B-B

Profiles list

Distinta profili

Art.	Descrizione	q.tà	Misura	Taglio
TT 8003	Traverso telaio *Transom frame*	2	L	
	Montante telaio *Mullion frame*	2	H	
TT 8011	Traverso anta *Transom sash*	8	L/4+13	
	Montante anta *Mullion sash*	8	H-76	
SL 20813	Montante riporto centrale *Mullion astragal*	4	H-76	
TT 8014	Chiusura ante *Sash closure*	1	H-122	
SL 20822	Gocciolatoio *Drip fin*	1	L	

Accessories

Distinta accessori

Art.	Descrizione	q.tà
ACP 8003	kit due ante *2-sash kit*	2
ACP 8009	maniglia ad incasso *recessed handle*	3
ACP 8010	traino astina *tow-rod for handle*	3
ACP 8012	kit chiusura *closure kit*	3
ACP 8028	cappette scarico acqua *water drain plate*	4
ACP 5801	squadretta multifunzione *corner cleat*	4
ACP 5001	vite per ACP 5801 *screw for vite per ACP 5801*	8
ACP 8001	squadretta anta *corner cleat*	16
ACP 5036	regolo muro *dowel pin for ACP 50153*	10
ACP 8029	tappo riporto centrale *sash corner cleat*	2
ACP 1607	kit rinforzo anta *sash support kit*	6
ACP 8040	boccola di drenaggio *drein rod*	4

Gaskets list

Distinta guarnizioni

Art.	Descrizione	Pezzi	Misura
AGP 4014	vetro esterna *External glazing seal*	8 8	L/4-113 H-202
AGP 3105	vetro interna *Internal glazing seal*	8 8	L/4-113 H-202
AGP 8015	battuta *Rebate gasket*	4	H-76
TAC 803	chicane *Chicane*	4	H-76
TAC 809	binario inferiore *Bottom rail*	2	L-93
TAC 807	binario perimetrale *Perimetral rail*	2 1 4	L-93 H-122 H-93
AGP 8005	spazzolino *Brush*	14 16	H-76 L/4+13
AGP 4011	sotto vetro *Under glass*	8 8	L/4-100 H-190
SX 9901	guida in inox *Steinless steel guide*	2	L-93

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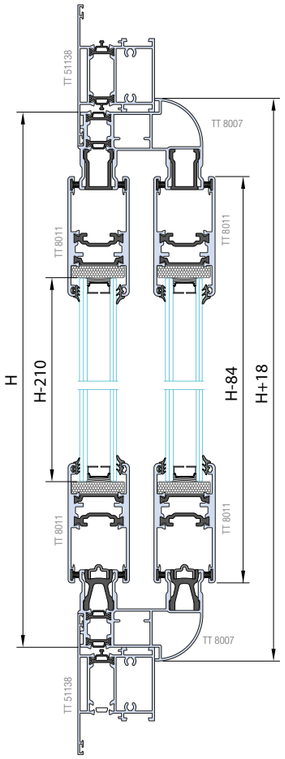
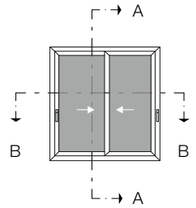


Slide window
2 rails / 2 sash + Planet 50TT

Finestra scorrevole
2 vie / 2 ante + Planet 50TT

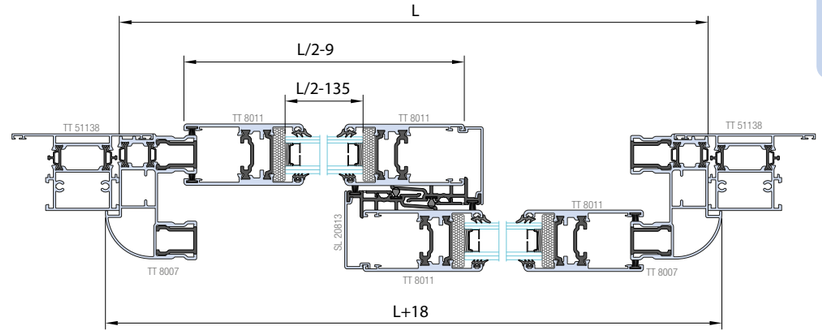


Glass list

Distinta vetri

Pezzi	L	H
2	L/2-135	H-210

Sez. A-A



Sez. B-B

Profiles list

Distinta profili

Art.	Descrizione	q.tà	Misura	Taglio
TT 8007	Traverso telaio *Transom frame*	2	L+18	
	Montante telaio *Mullion frame*	2	H+18	
TT 8011	Traverso anta *Transom sash*	4	L/2-9	
	Montante anta *Mullion sash*	4	H-84	
SL 20813	Mont. riporto centrale *Mullion astragal*	2	H-84	

Accessories

Distinta accessori

Art.	Descrizione	q.tà
ACP 8003	kit due ante *2-sash kit*	1
ACP 8009	maniglia ad incasso *recessed handle*	2
ACP 8010	traino astina *tow-rod*	2
ACP 8012	kit chiusura *closure kit*	2
ACP 8028	cappette scarico acqua *water drain plate*	2
ACP 5801	squadretta multifunzione *corner cleat*	4
ACP 5001	vite per ACP 5801 *screw for vite per ACP 5801*	8
ACP 8001	squadretta anta *corner cleat*	8
ACP 5036	regolo muro *wall spacer*	4/6
ACP 1607	kit rinforzo anta *sash support kit*	4
ACP 8040	boccola di drenaggio *drein rod*	4

Gaskets list

Distinta guarnizioni

Art.	Descrizione	Pezzi	Misura
AGP 4014	vetro esterna *External glass gasket*	4 4	L/2-135 H-210
AGP 3105	vetro interna *Internal glass gasket*	4 4	L/2-135 H-210
AGP 8015	battuta *Rebate gasket*	2	H-84
TAC 803	chicane *Chicane*	2	H-84
TAC 809	binario inferiore *Bottom rail*	2	L-100
TAC 807	binario perimetrale *Perimetral rail*	2 4	L-100 H-100
AGP 8005	spazzolino *Brush*	6 8	H-84 L/2-9
AGP 4011	sotto vetro *Under glass*	4 4	L/2-125 H-200
SX 9901	guida in inox *Stainless steel guide*	2	L-100

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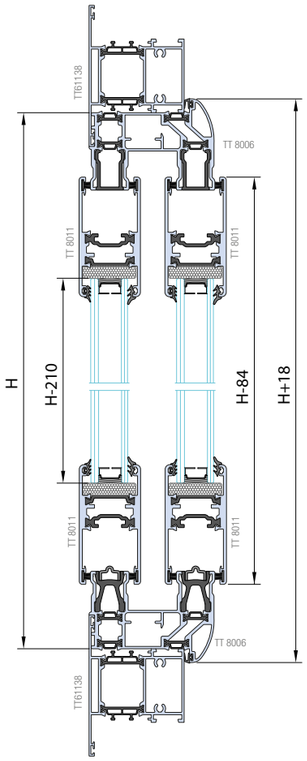
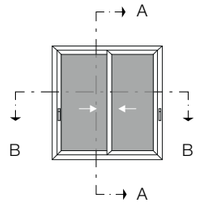
Distinte di taglio

Cutting list

Slide windows
2 rails / 2 sash + Planet 62TT

Finestra scorrevole
2 vie / 2 ante + Planet 62TT



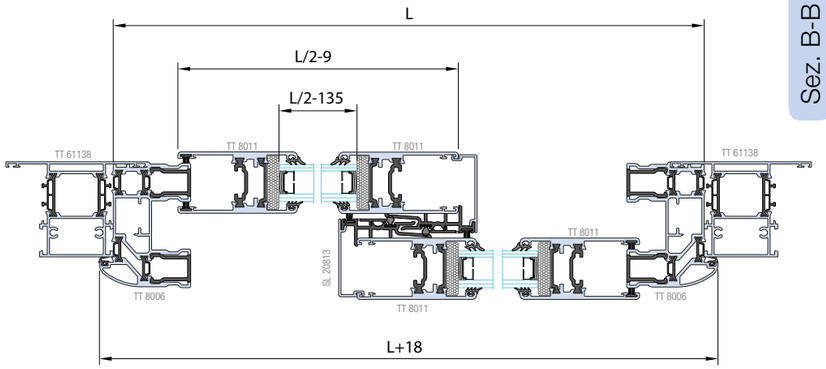


Glass list

Distinta vetri

Pezzi	L	H
2	L/2-135	H-210

Sez. A-A



Sez. B-B

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 8006	Traverso telaio *Transom frame*	2	L+18	
	Montante telaio *Mullion frame*	2	H+18	
TT 8011	Traverso anta *Transom sash*	4	L/2-9	
	Montante anta *Mullion sash*	4	H-84	
SL 20813	Mont. riporto centrale *Mullion astragal*	2	H-84	

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4014	vetro esterna *External glazing seal*	4 4	L/2-135 H-210
AGP 3105	vetro interna *Internal glazing seal*	4 4	L/2-135 H-210
AGP 8015	battuta *Rebate gasket*	2	H-84
TAC 803	chicane *Chicane*	2	H-84
TAC 809	binario inferiore *Bottom rail*	2	L-100
TAC 807	binario perimetrale *Perimetral rail*	2 4	L-100 H-100
AGP 8005	spazzolino *Brush*	6 8	H-84 L/2-9
AGP 4011	sotto vetro *Under glass*	4 4	L/2-125 H-200
SX 9901	guida in inox *Steinless steel guide*	2	L-100

Distinta accessori

Accessories

Art.	Descrizione	q.tà
ACP 8003	kit due ante *2-sash kit*	1
ACP 8009	maniglia ad incasso *recessed handle*	2
ACP 8010	traino astina *tow-rod for handle*	2
ACP 8012	kit chiusura *closure kit*	2
ACP 8028	cappette scarico acqua *water drain plate*	2
ACP 5801	squadretta multifunzione *corner cleat*	4
ACP 5001	vite per ACP 5801 *screw for vite per ACP 5801*	8
ACP 8001	squadretta anta *corner cleat*	8
ACP 5036	regolo muro *dowel pin for ACP 50153*	4/6
ACP 1607	kit rinforzo anta *sash support kit*	4
ACP 8040	boccola di drenaggio *drein rod*	4

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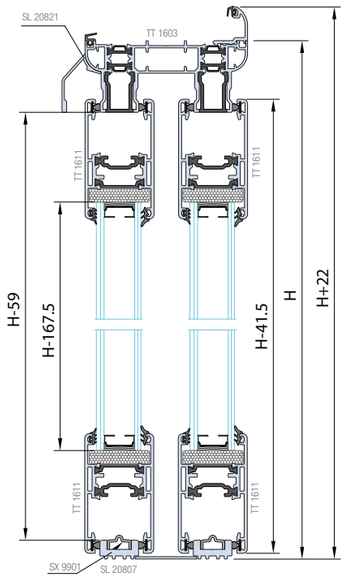
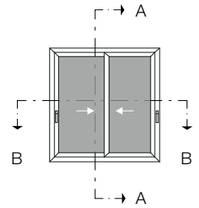
Lift&slide window
2 rail / 2 leaf_low threshold

Finestra alzante
2 vie / 2 ante_soglia ribassata



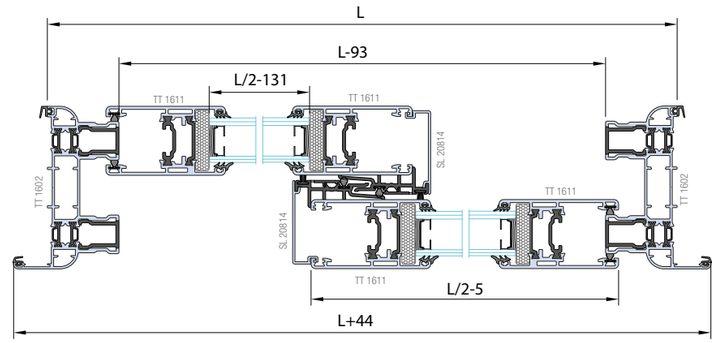


Glass list

Distinta vetri

Pezzi	L	H
2	L/2-131	H-167.5

Sez. A-A



Sez. B-B

Distinta profili

Profiles list

Art.	Descrizione	q.tà	Misura	Taglio
TT 1602	Traverso telaio *Transom frame*	1	L+44	
	Montante telaio *Mullion frame*	2	H+22	
TT 1611	Traverso anta *Transom sash*	4	L/2.5	
	Montante anta *Mullion sash*	4	H-41.5	
SL 20814	Mont. riporto centrale *Mullion astragal*	2	H-41.5	
SX 9901	binario in acciaio inox *stainless steel rail*	2	L-93	
SL 20821	gocciolatoio *Drip fin*	1	L	
SL 20807	soglia ribassata *Low threshold*	2	L-42	

Distinta guarnizioni

Gaskets list

Art.	Descrizione	Pezzi	Misura
AGP 4000	battuta *Rebate gasket*	1 2	L+44 H+33.5
AGP 4002	isolamento muro *Wall seal*	1 2	L H
AGP 4014	vetro esterna *External glass gasket*	4 4	L/2-131 H-198
AGP 3105	vetro interna *Internal glass gasket*	4 4	L/2-131 H-198
AGP 8015	battuta *Rebate gasket*	6 8	H-41.5 L/2-5
TAC 803	chicane *Chicane*	2	H-41.5
TAC 807	binario perimetrale *Perimetral rail*	2 4	L-93 H-59
AGP 8005	spazzolino *Brush*	2	H-41.5
AGP 4011	sotto vetro *Under glass*	4 4	L/2-120 H-157.5

Distinta accessori

Accessories

Art.	Descrizione	q.tà
ACP 1633M	kit elementi plastici *plastic piege kit*	1
ACP 8016M	kit carrelli *rail kit*	2
ACP 8014	martellina *handle*	2
ACP 8008	meccanismo martellina *handle mechanism*	2
ACP 8012	kit chiusura *closure kit*	6
ACP 8028	cappette scarico acqua *water drain plate*	2
ACP 5801	squadretta multifunzione *corner cleat*	4
ACP 5001	vite per ACP 5801 *screw for vite per ACP 5801*	8
ACP 50153	squadretta multifunzione *corner cleat*	8
ACP 5030	spina per ACP 50153 *dowel pin for ACP 50153*	16
ACP 8001	squadretta anta *sash corner cleat*	8
ACP 5036	regolo muro *wall spacer*	6/8
ACP 1607	kit rinforzo anta *sash support kit*	4
ACP 8040	boccola di drenaggio *boccola di drenaggio*	2
ACP 6230	appoggio vetro *glass support*	12

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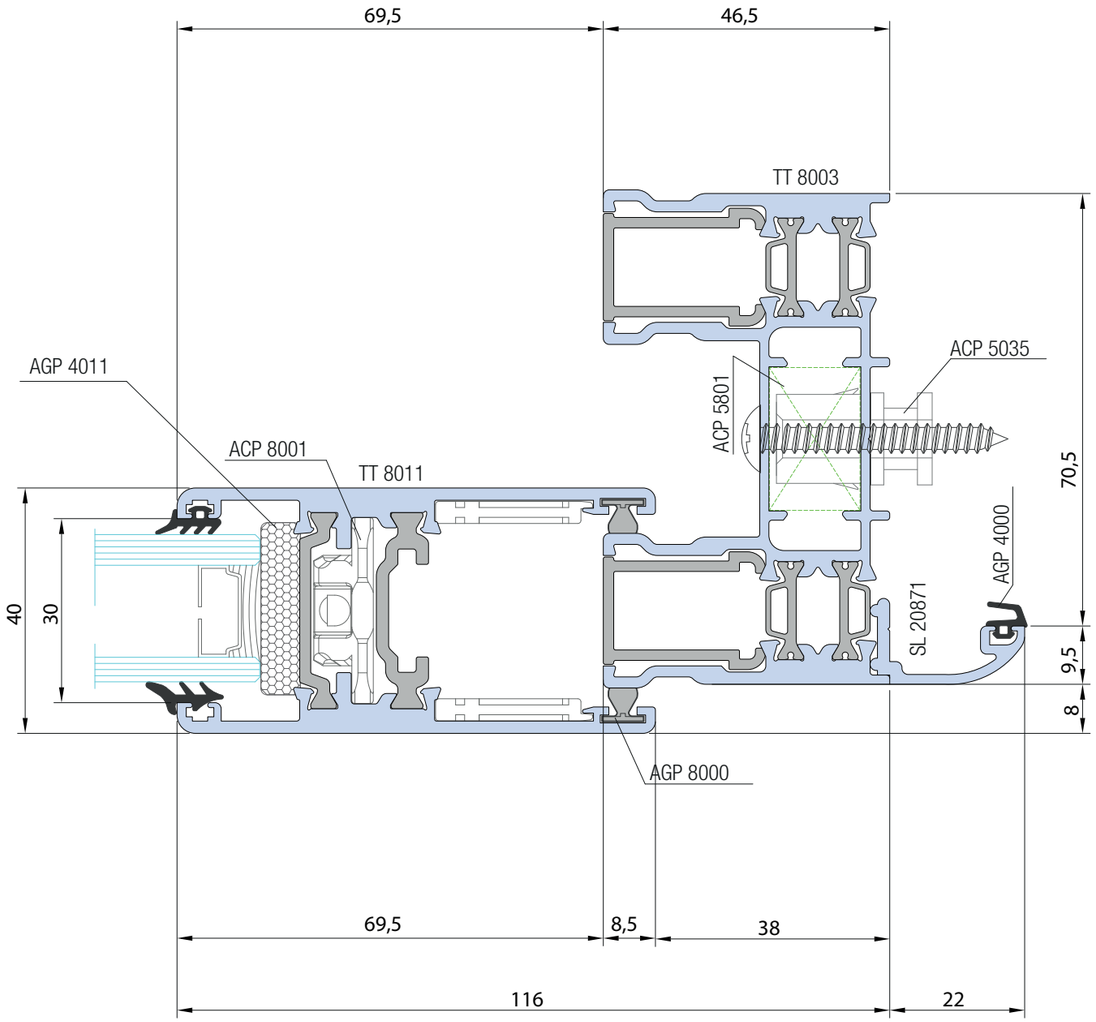
Nodo 1

Nodo laterale - anta da 40mm - versione alzante

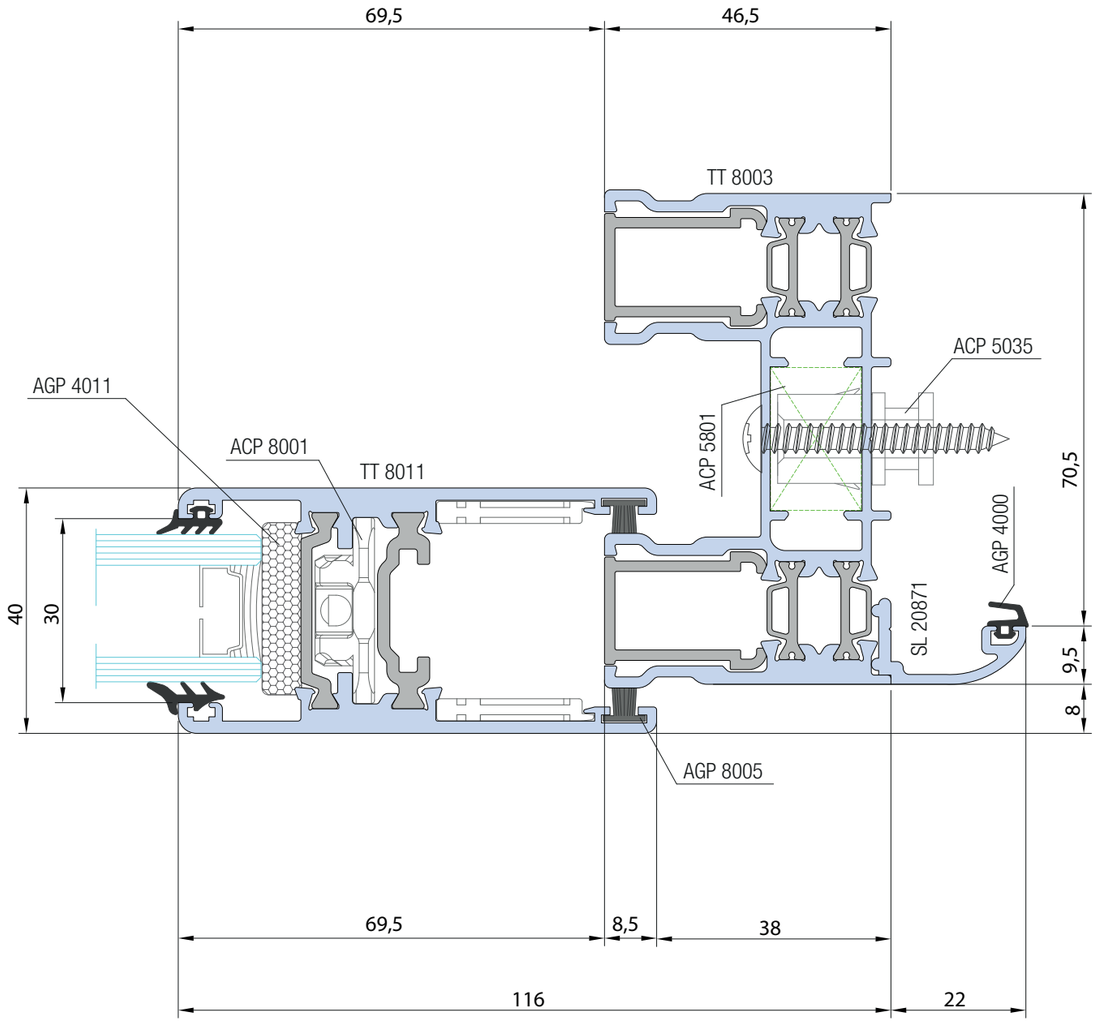
Lateral section - 40mm sash - lift&slide window



Nodo A2

Nodo laterale - anta da 40mm - versione scorrevole

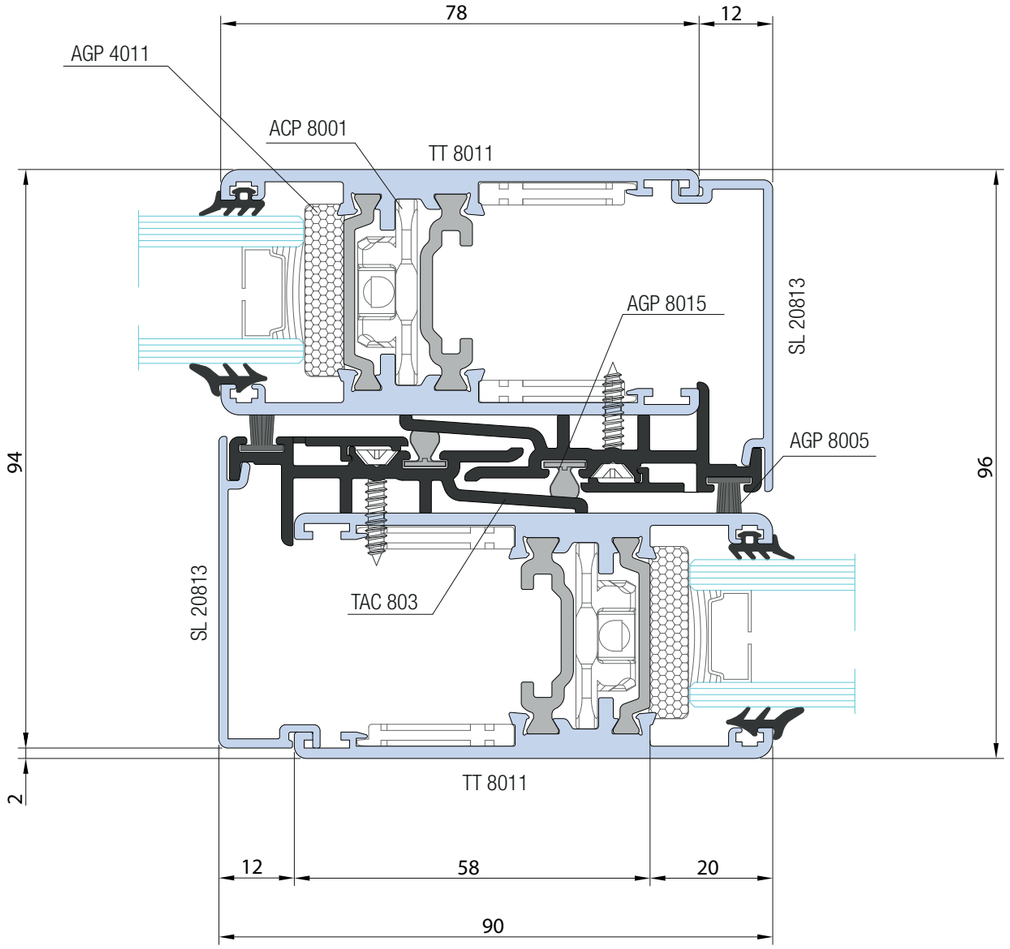
Lateral section, 40mm sash - slide window



Nodo 3

Nodo centrale - anta da 40mm

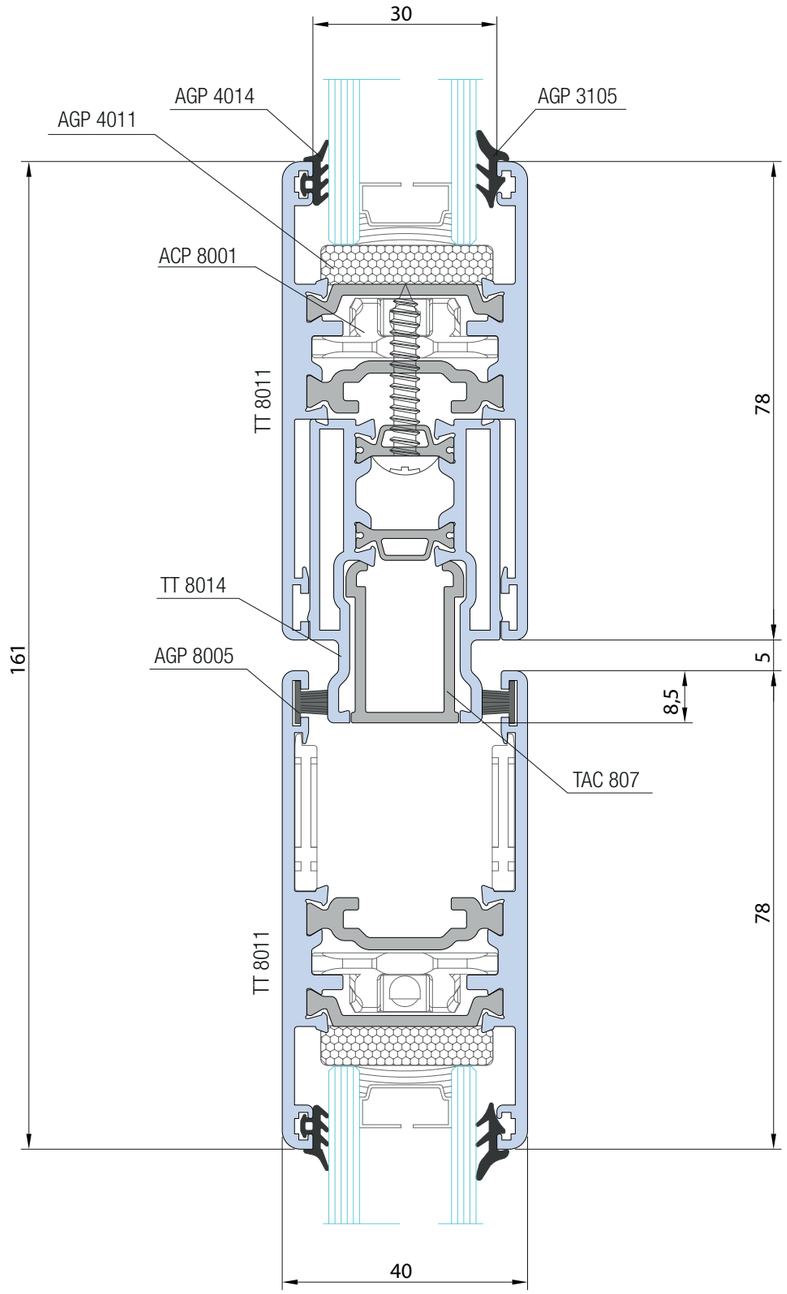
Central section - 40mm sash



Nodo 4

Nodo centrale - anta da 40mm - 4 ante scorrevoli

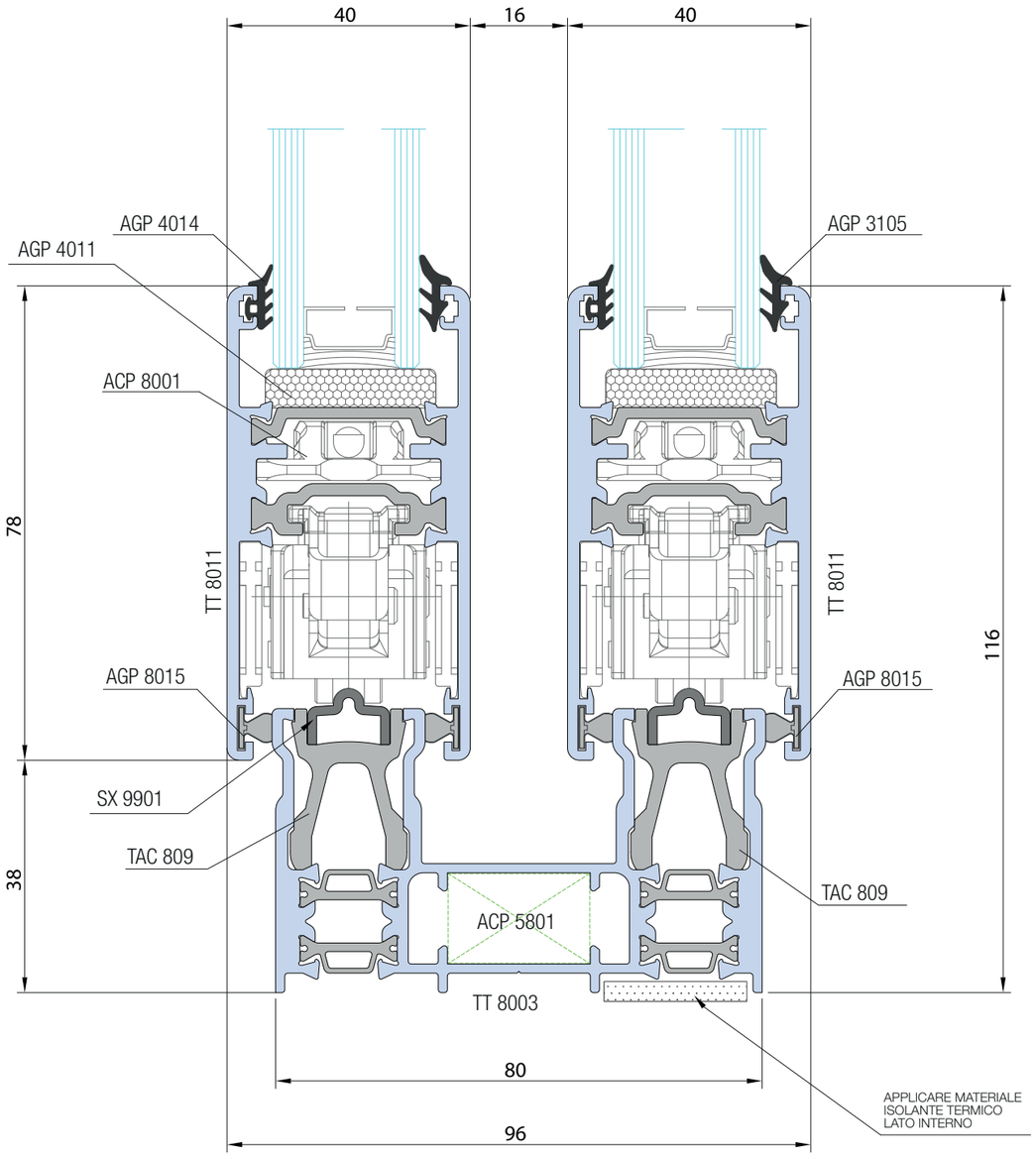
Central section - 4 sash 40mm- slide window



Nodo 5

Nodo inferiore - anta da 40mm - versione alzante

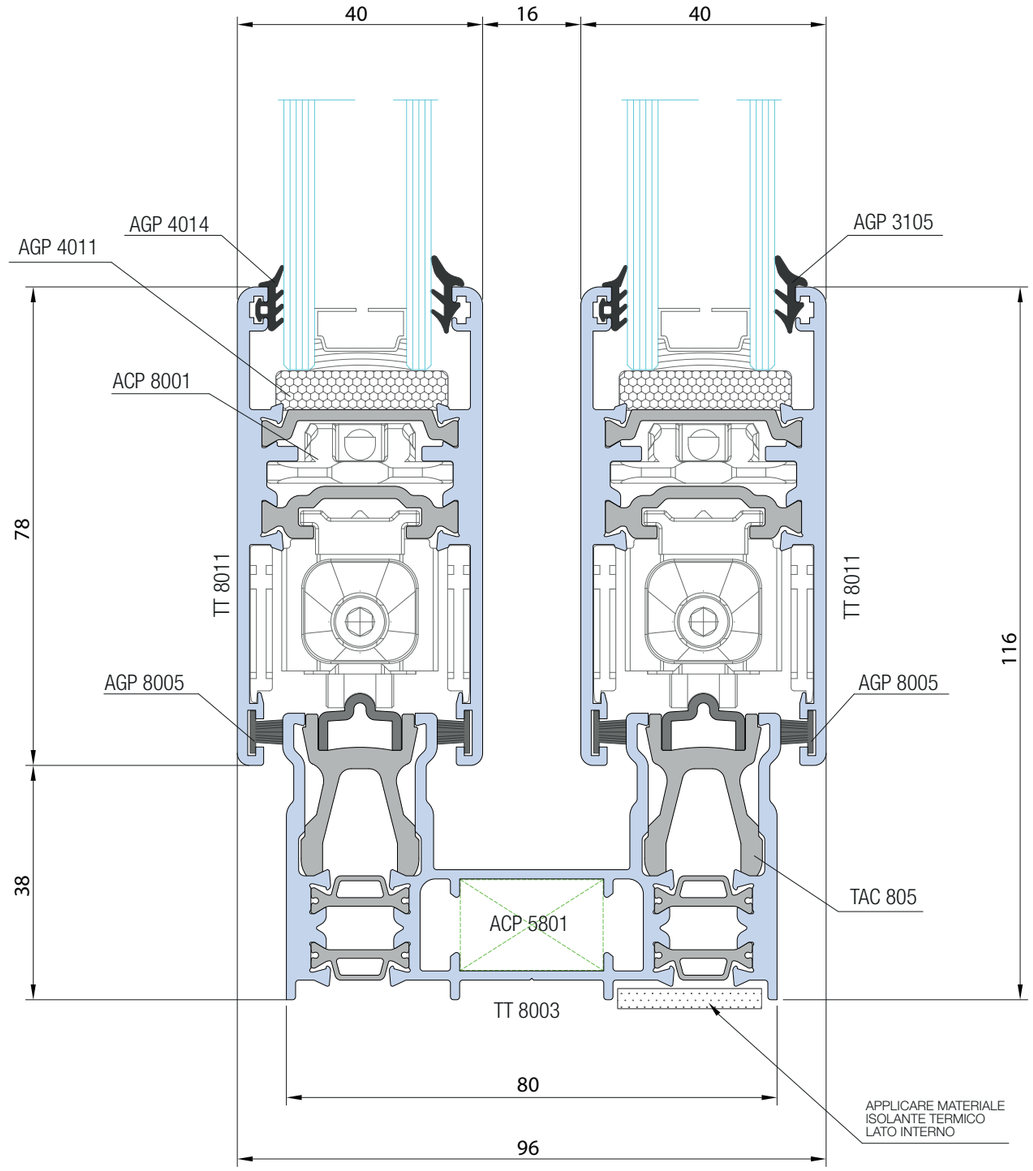
Bottom section - 40mm sash - lift&slide window



Nodo 6

Nodo inferiore - anta da 40mm - versione scorrevole

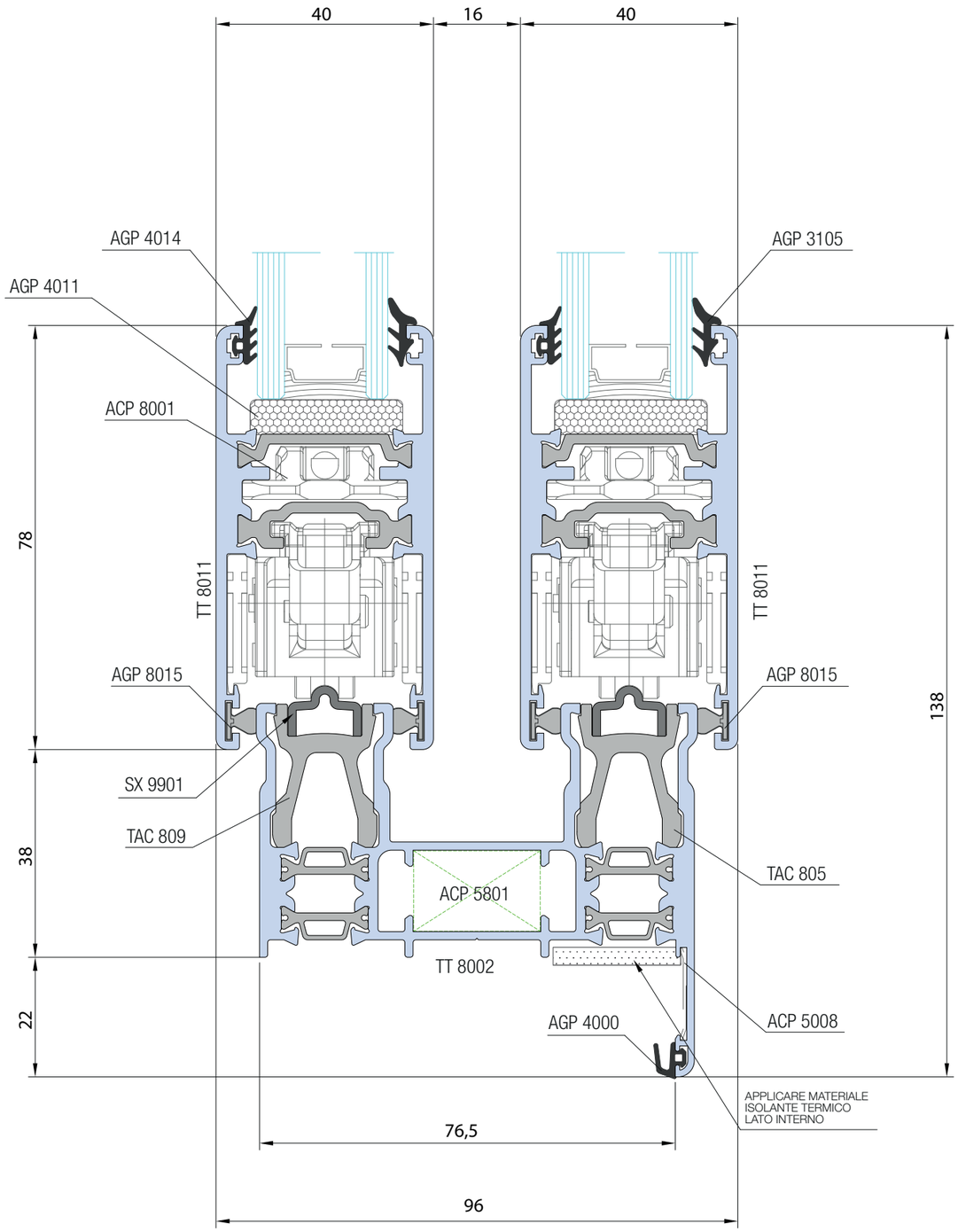
Bottom section - 40mm sash - slide window



Nodo 7

Nodo inferiore - anta da 40mm - versione alzante

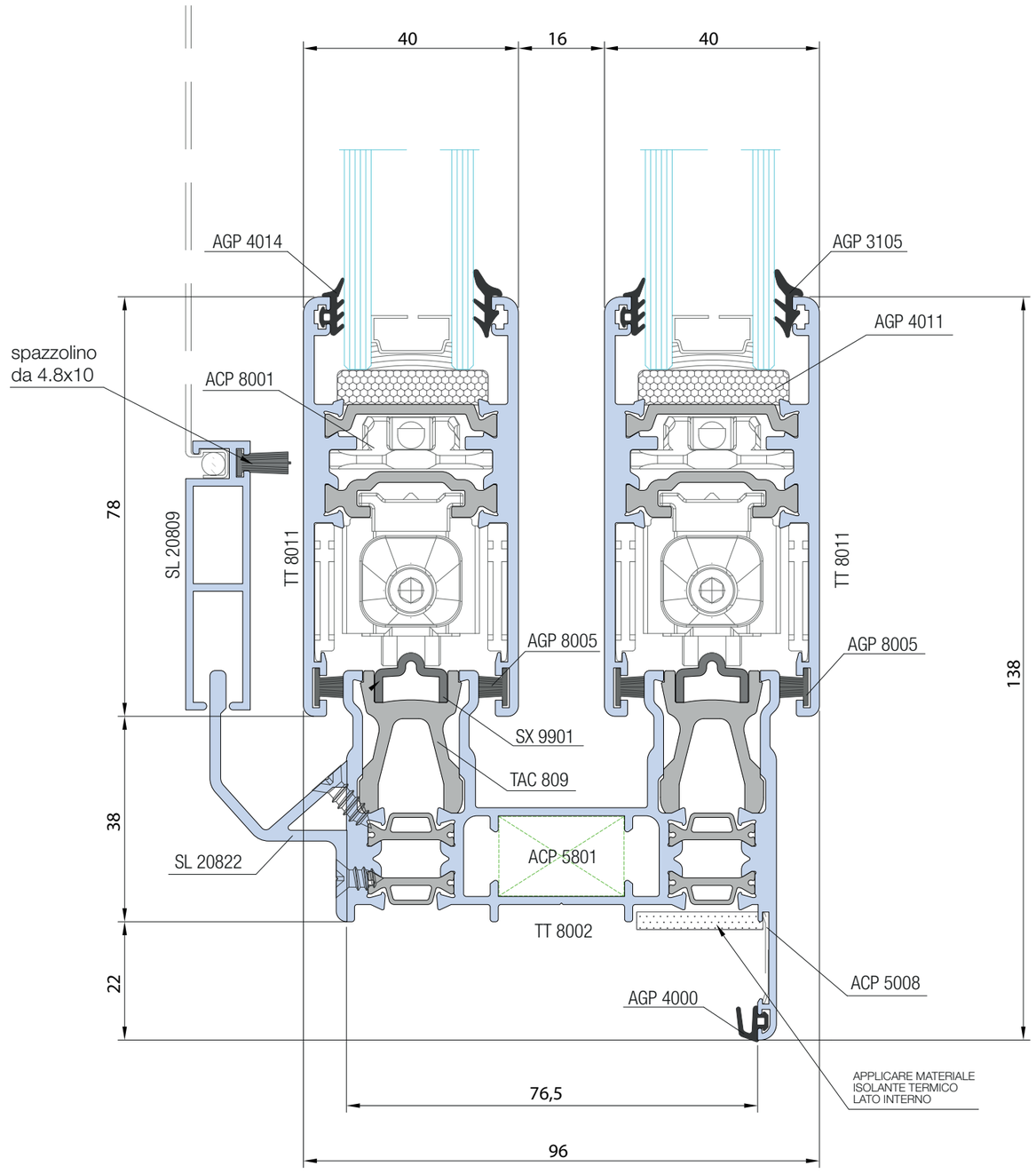
Bottom section - 40mm sash - lift&slide window



Nodo 8

Nodo inferiore - anta da 40mm - versione scorrevole

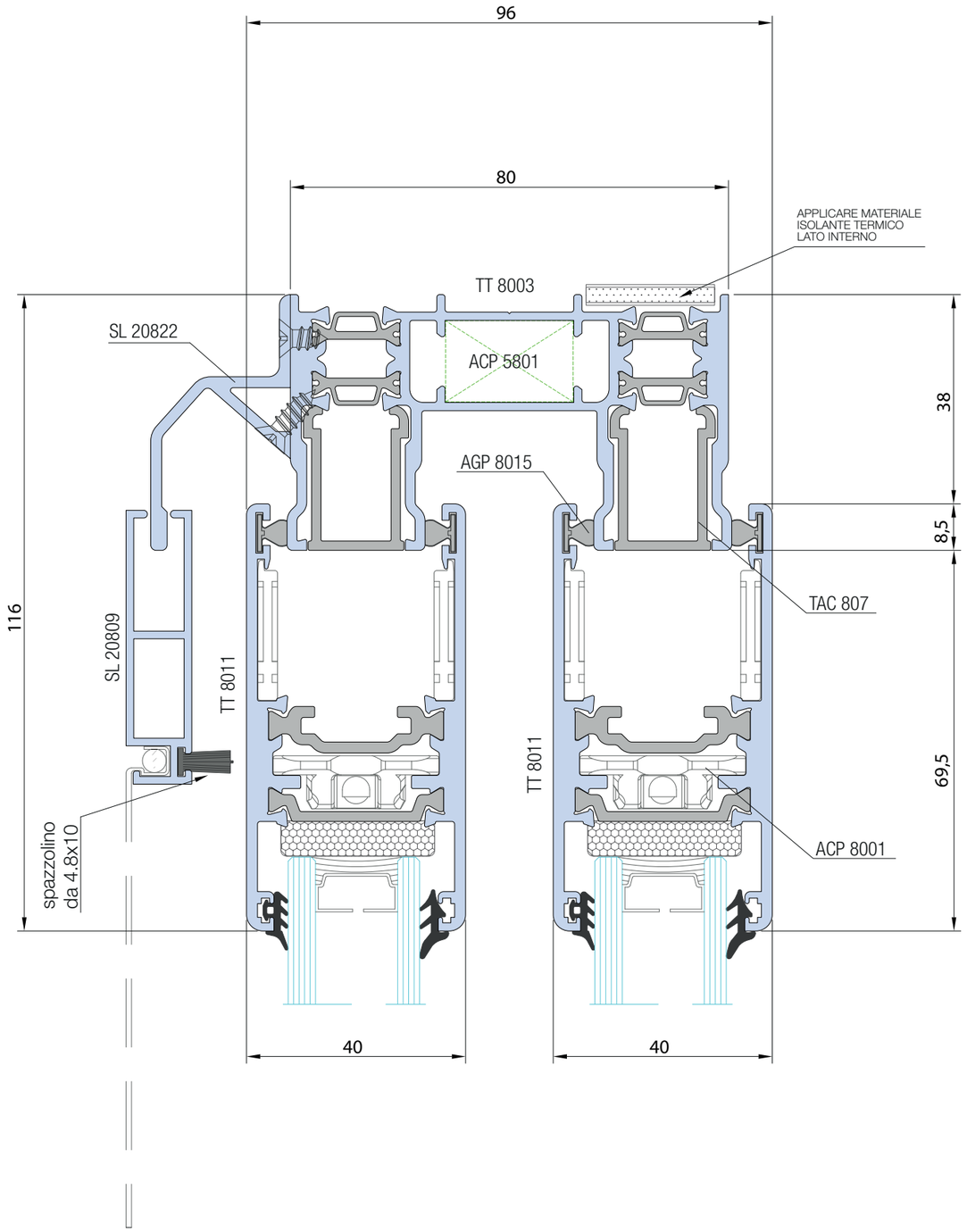
Bottom section - 40mm sash - slide window



Nodo 9

Nodo superiore - anta da 40mm - versione alzante

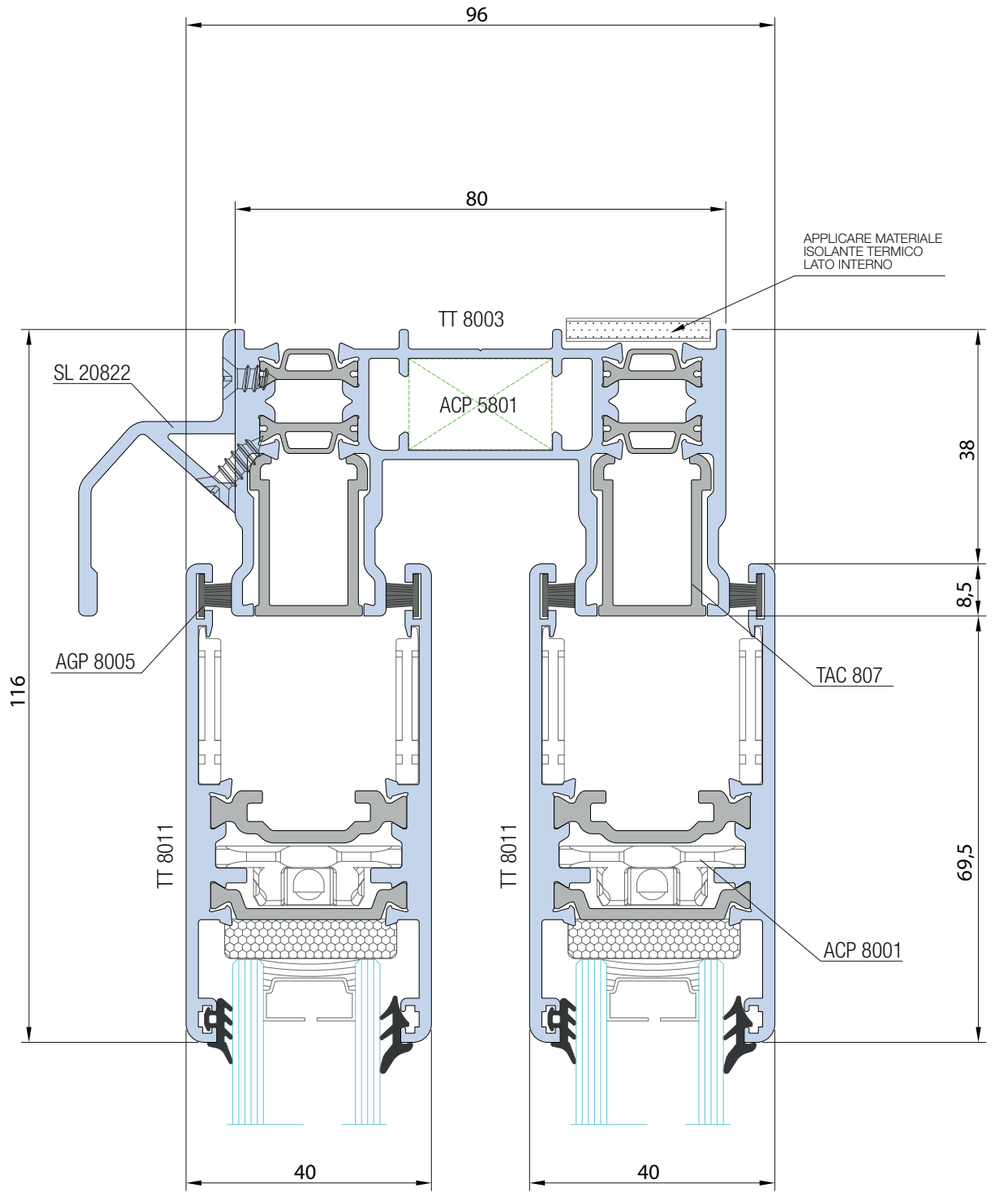
Top section - 40mm sash - lift&slide window



Nodo 10

Nodo superiore - anta da 40mm - versione scorrevole

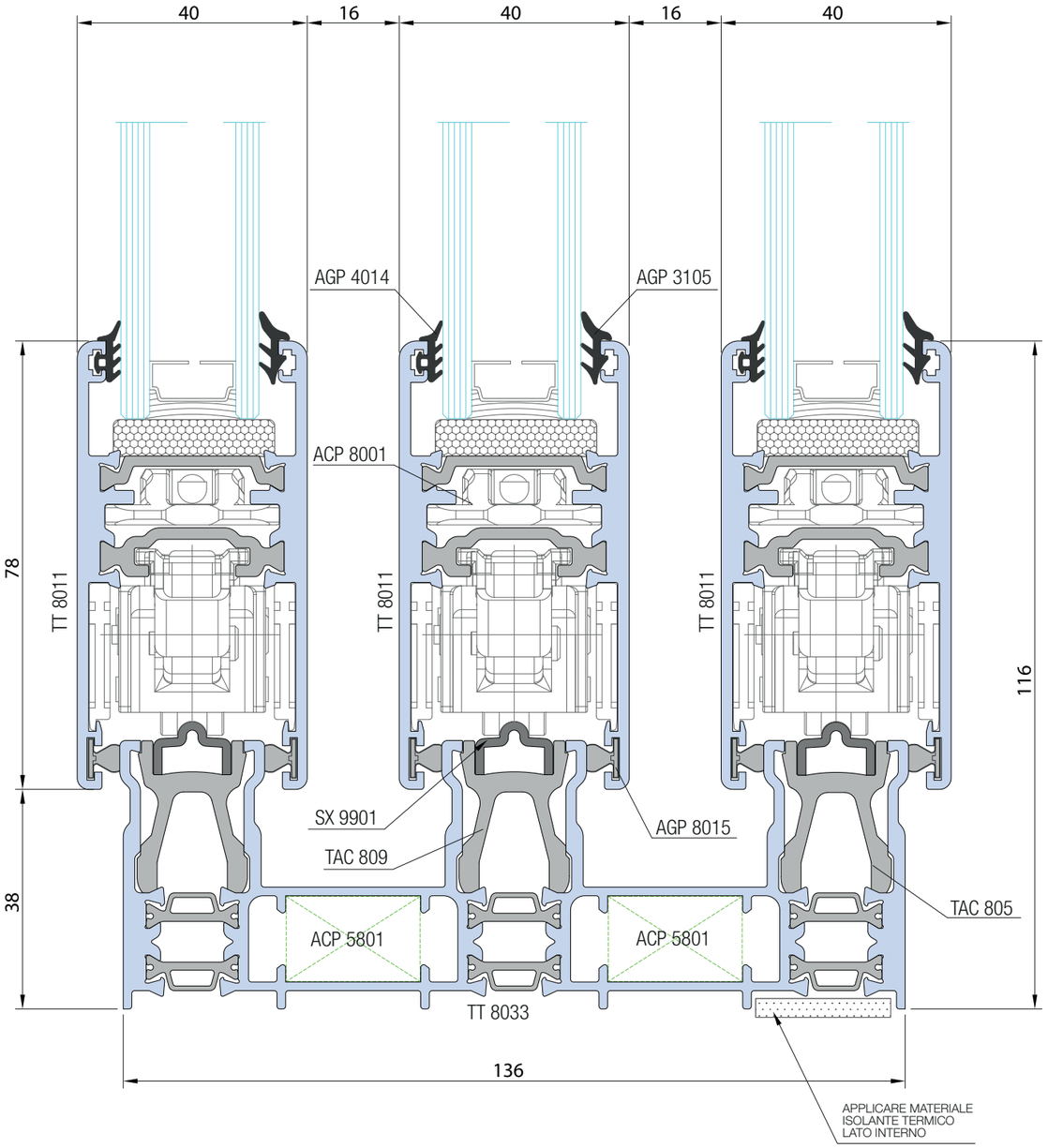
Top section - 40mm sash - slide window



Nodo 11

Nodo inferiore - 3 ante da 40mm - versione alzante

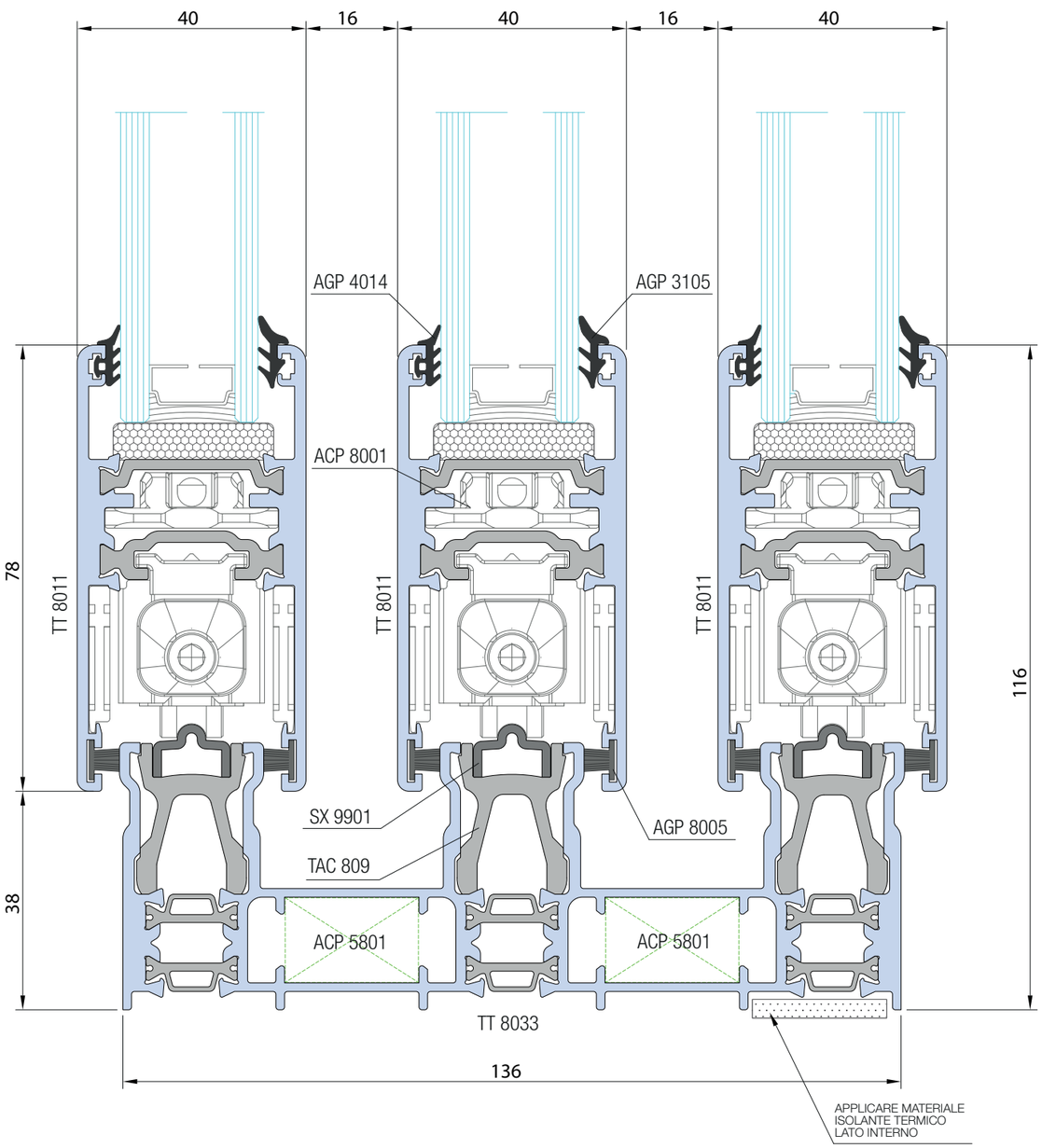
Bottom section - 3 sash, 40mm - lift&slide window



Nodo 12

Nodo inferiore - 3 ante da 40mm - versione scorrevole

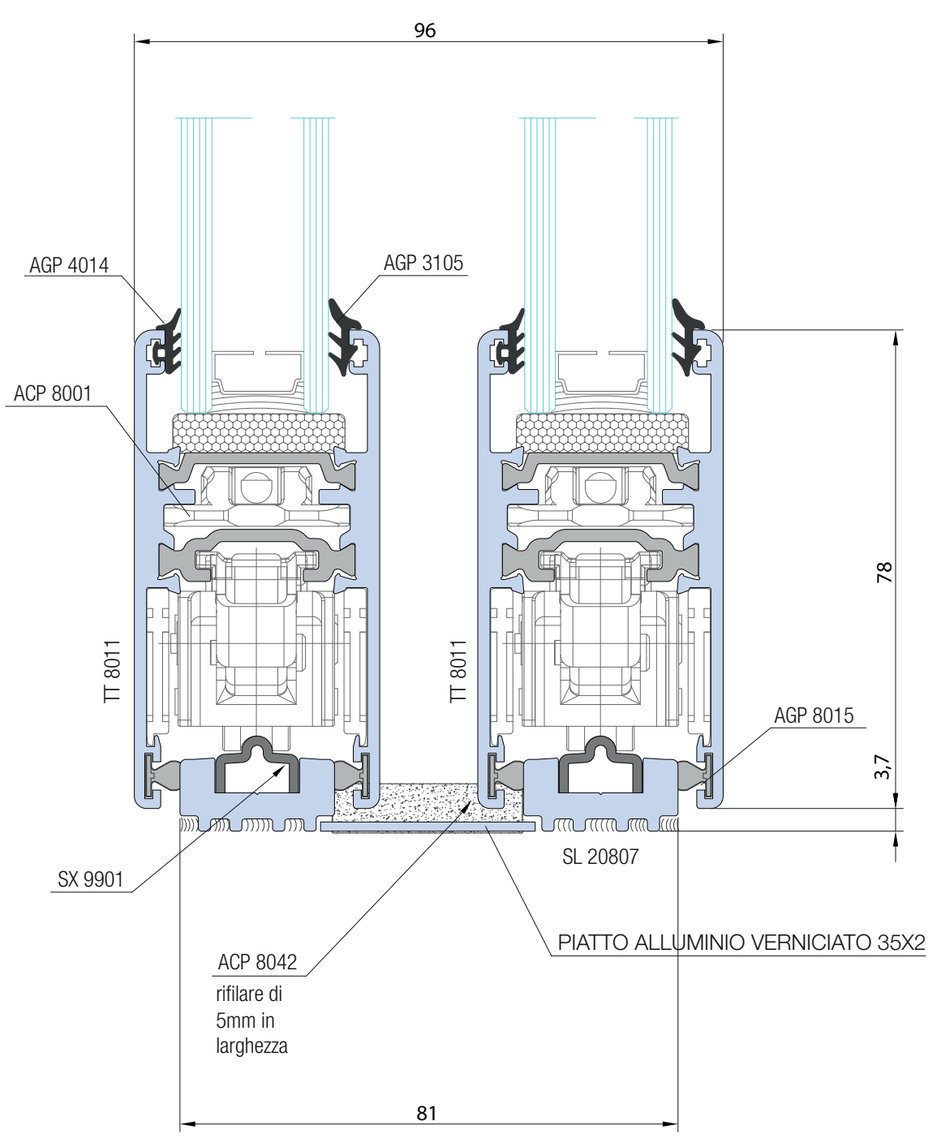
Bottom section - 3 sash,45mm - slide window



Nodo 13

Nodo inferiore - soglia ribassata - anta da 40mm - versione alzante

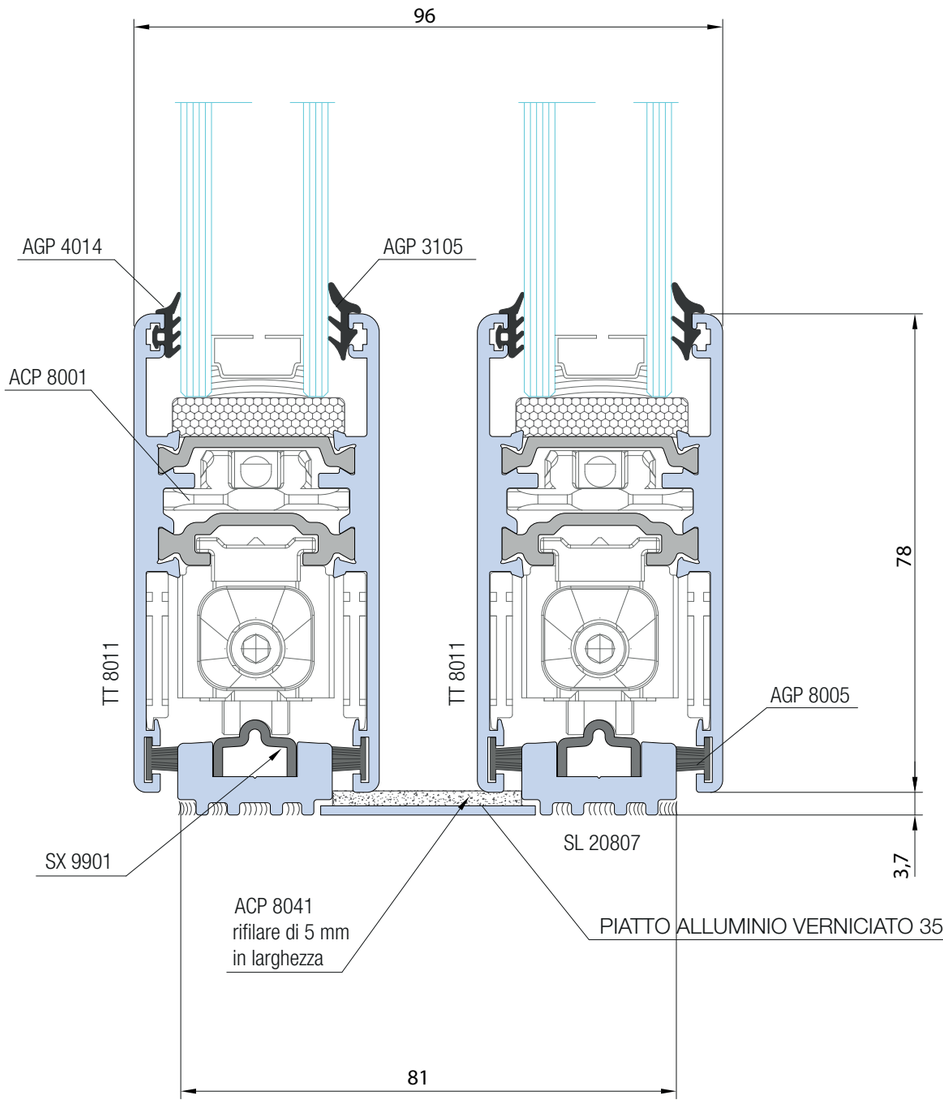
Bottom section - low threshold - 40mm sash - lift&slide window



Nodo 14

Nodo inferiore - soglia ribassata - anta da 40mm - versione scorrevole

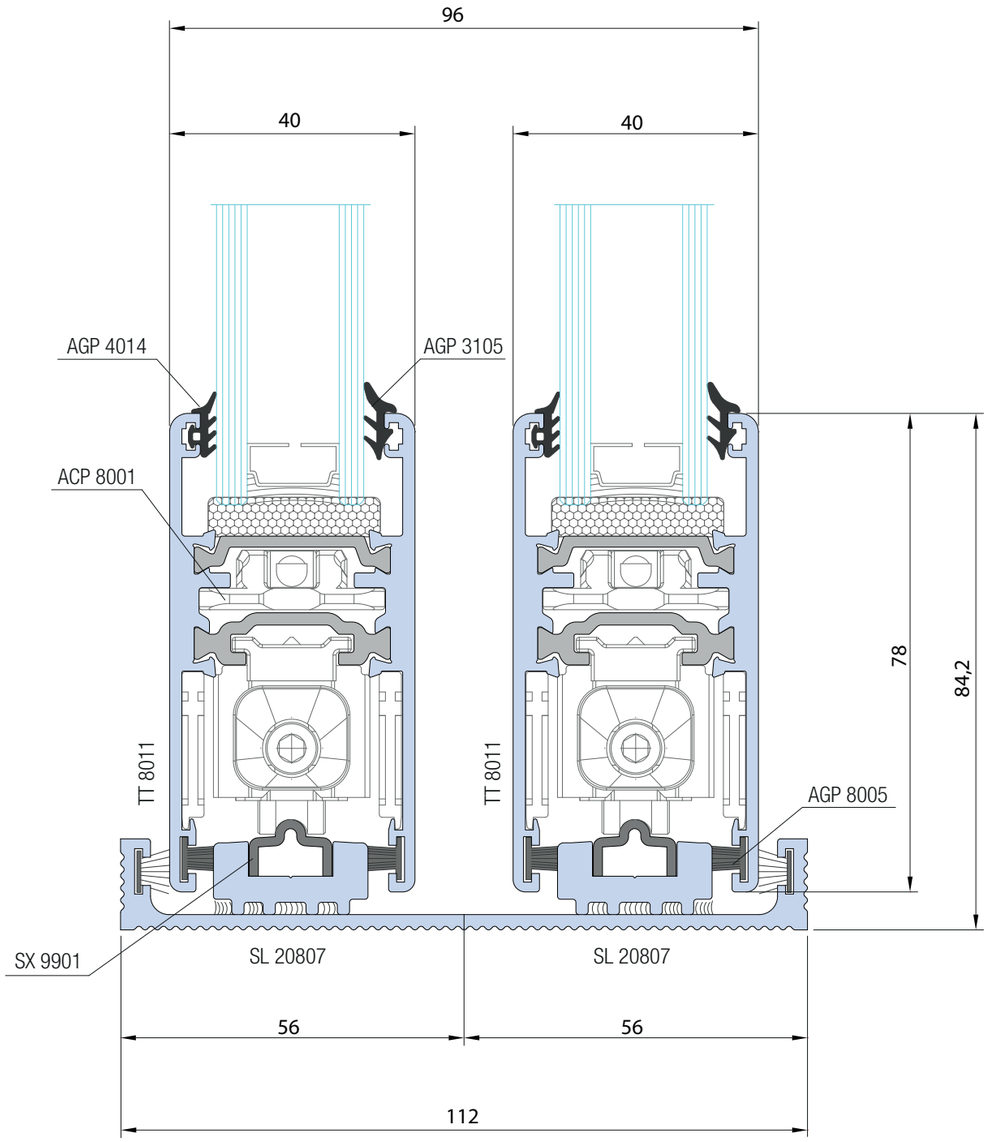
Bottom section - low threshold - 40mm sash - slide window



Nodo 15

Nodo inferiore, soglia ribassata filo pavimento - anta da 40mm - versione scorrevole

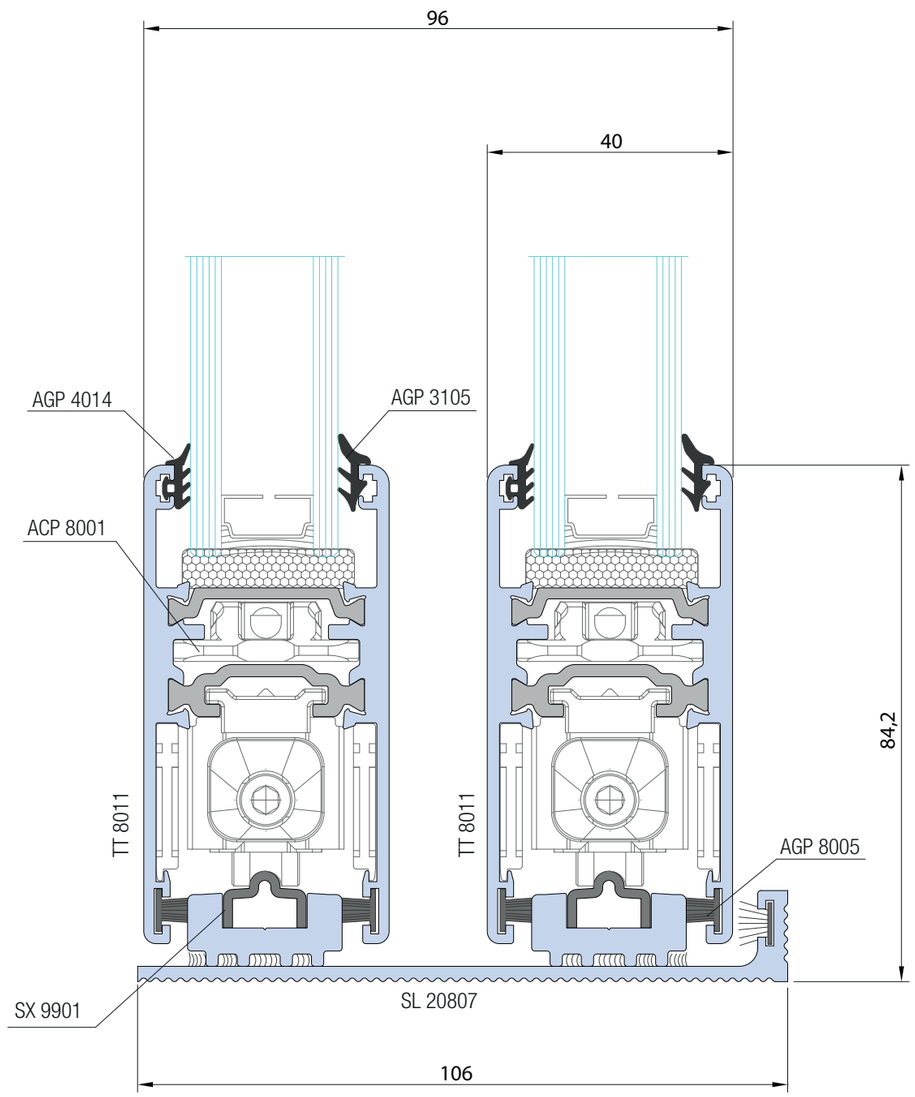
Bottom section - floor threshold - 40mm sash - slide window



Nodo 16

Nodo inferiore - soglia ribassata, interno filo pavimento/esterno rialzato - anta da 40mm

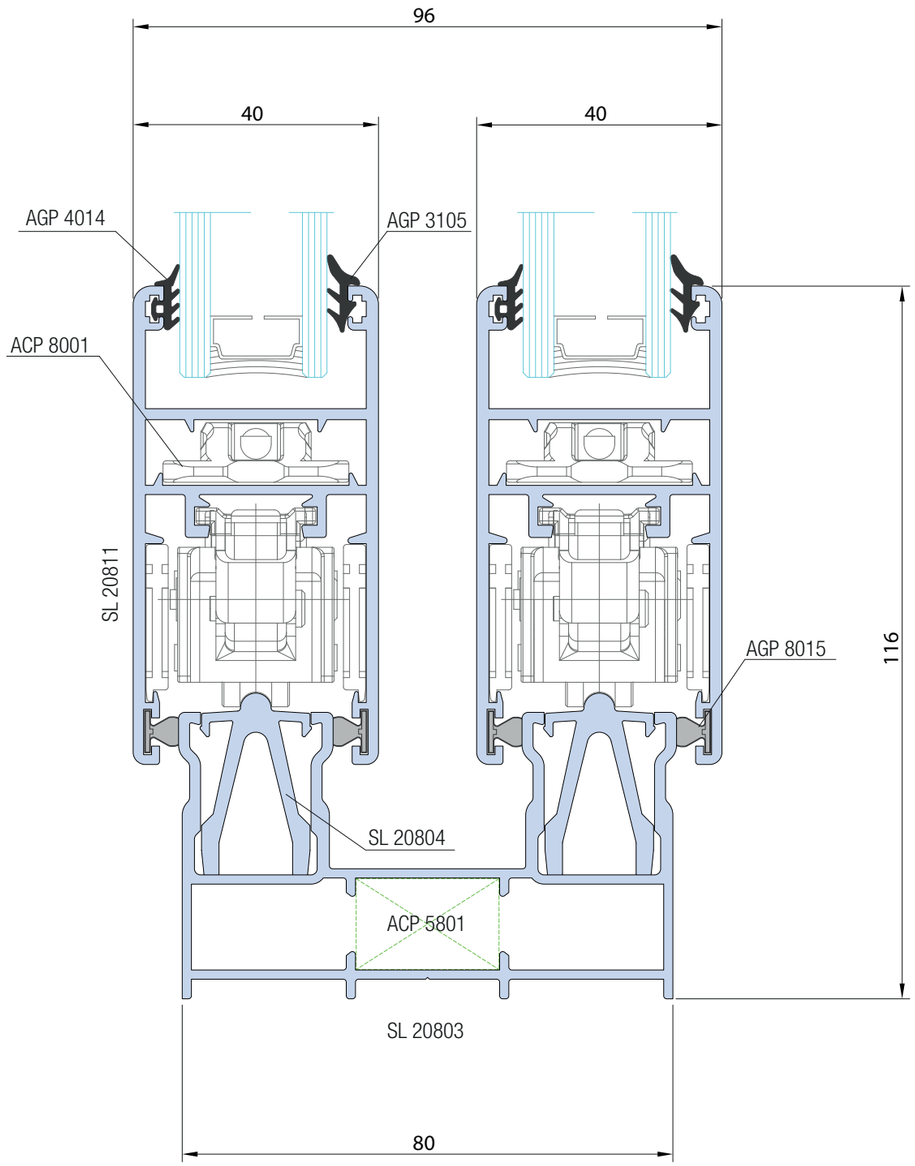
Bottom section - floor threshold, flush floor inside/raised outside - 40mm sash



Nodo 17

Nodo inferiore - anta fredda da 40mm - versione alzante

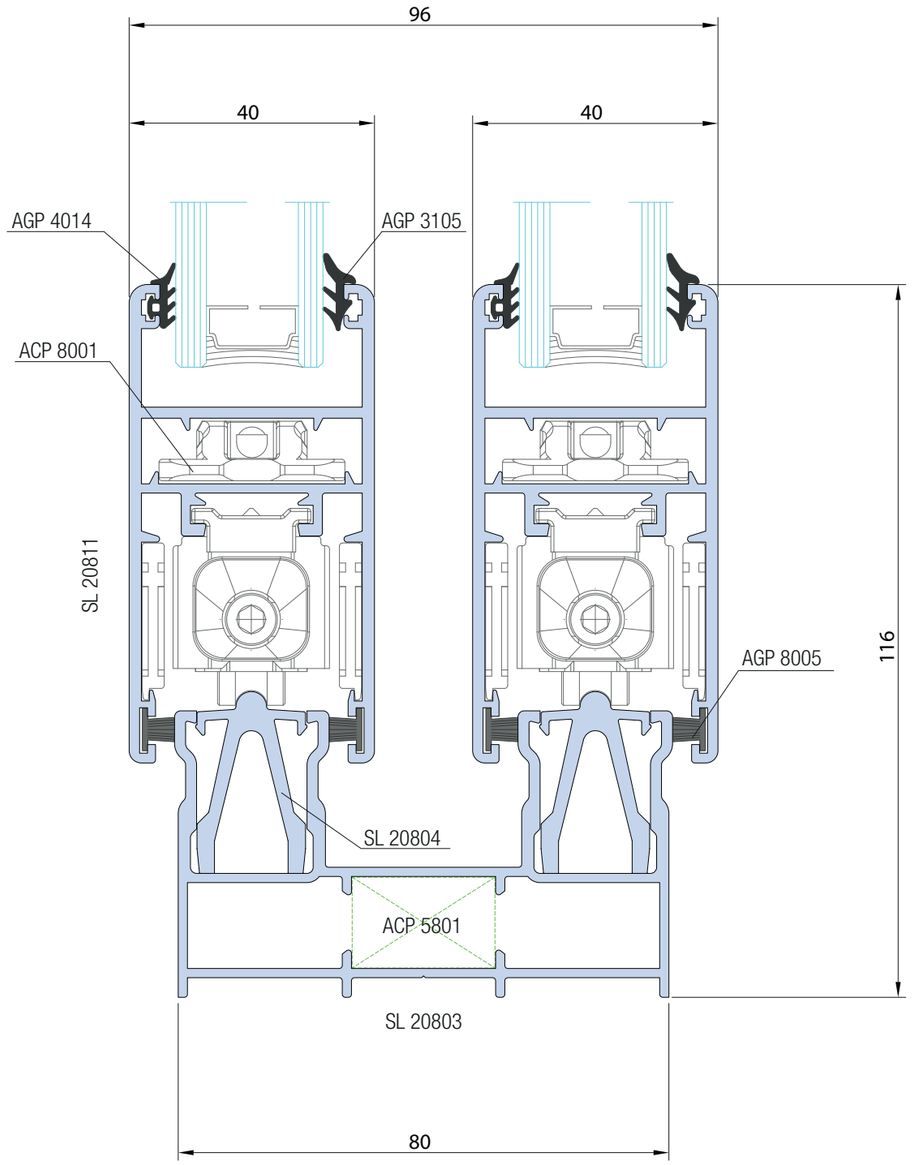
Bottom section - not insulated system - 40mm sash - lift&slide window



Nodo 18

Nodo inferiore - anta fredda da 40mm - versione scorrevole

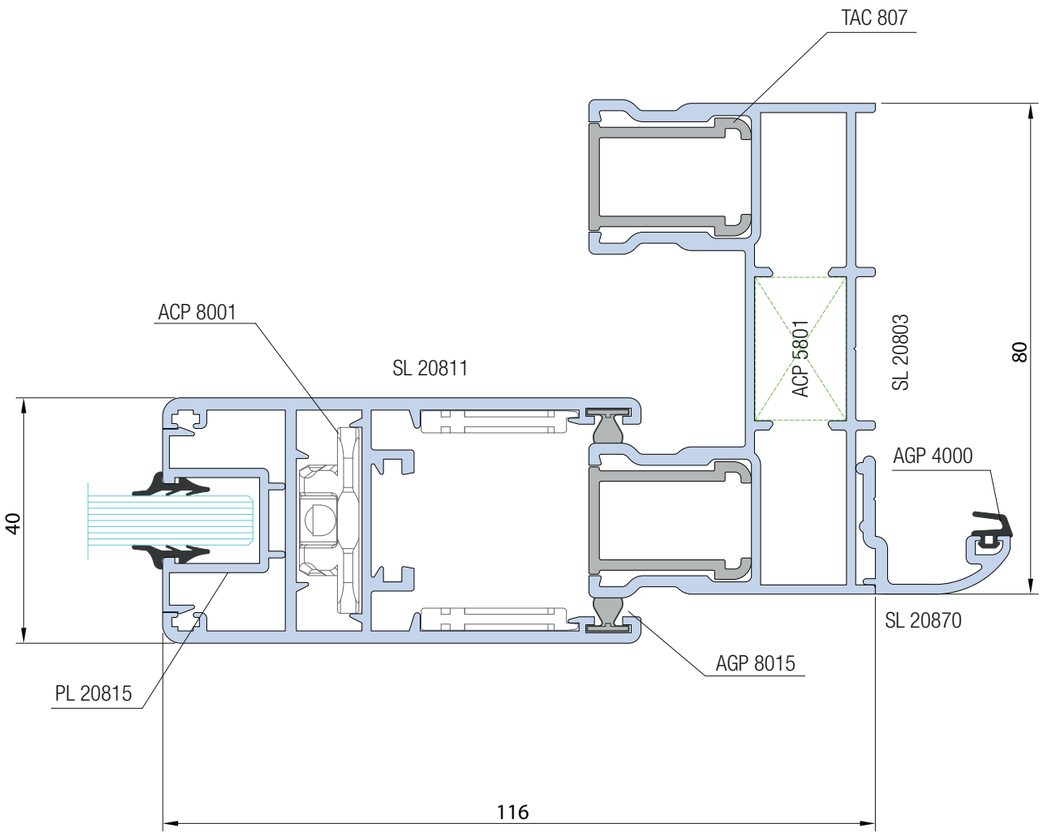
Bottom section - not insulated system - 40mm sash - slide window



Nodo 19

Nodo laterale - anta fredda da 40mm - versione alzante

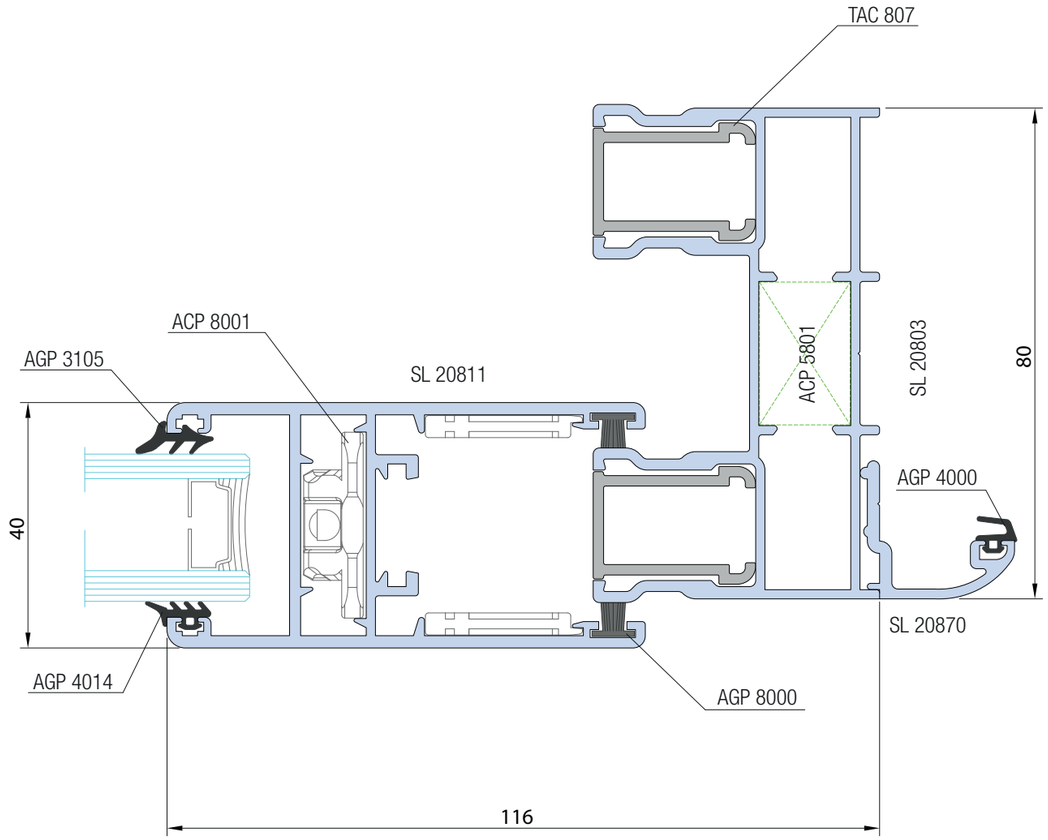
Lateral section, not insulated system, 40mm sash - lift&slide window



Nodo 20

Nodo laterale - anta fredda da 40mm - versione scorrevole

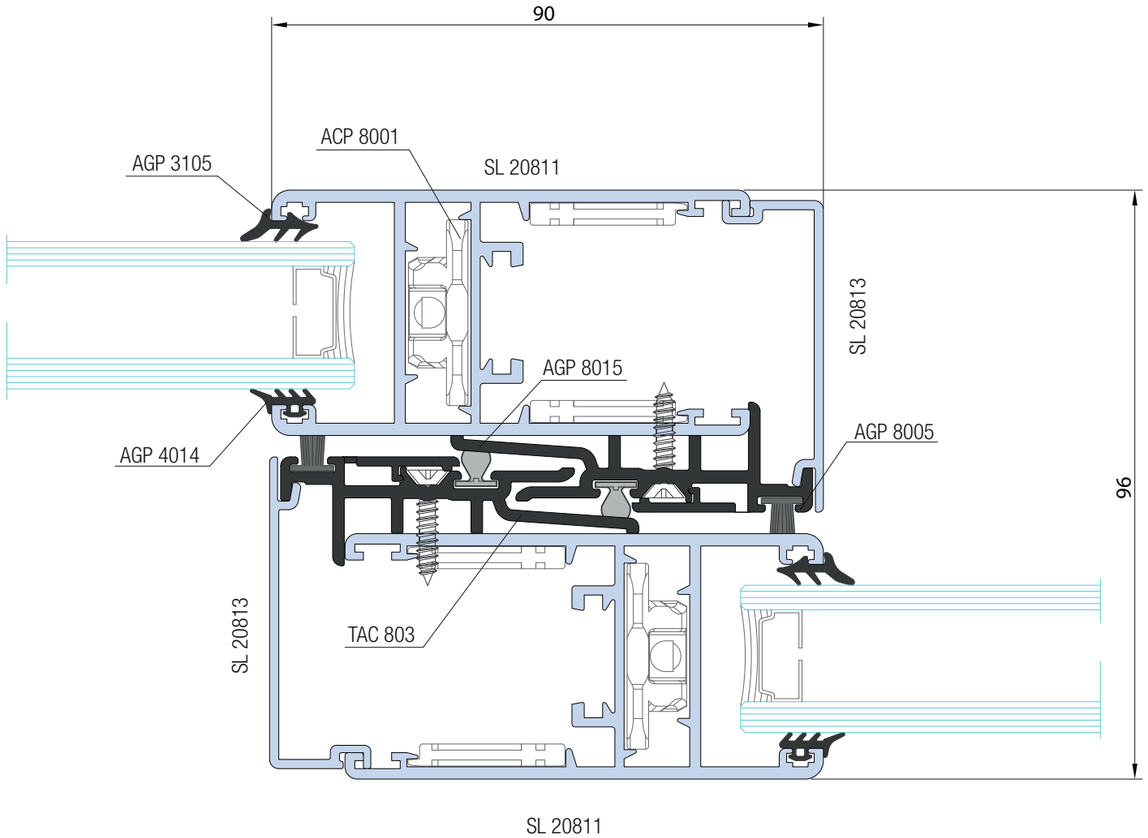
Lateral section - not insulated system - 40mm sash - slide window



Nodo 21

Nodo centrale - anta fredda da 40mm

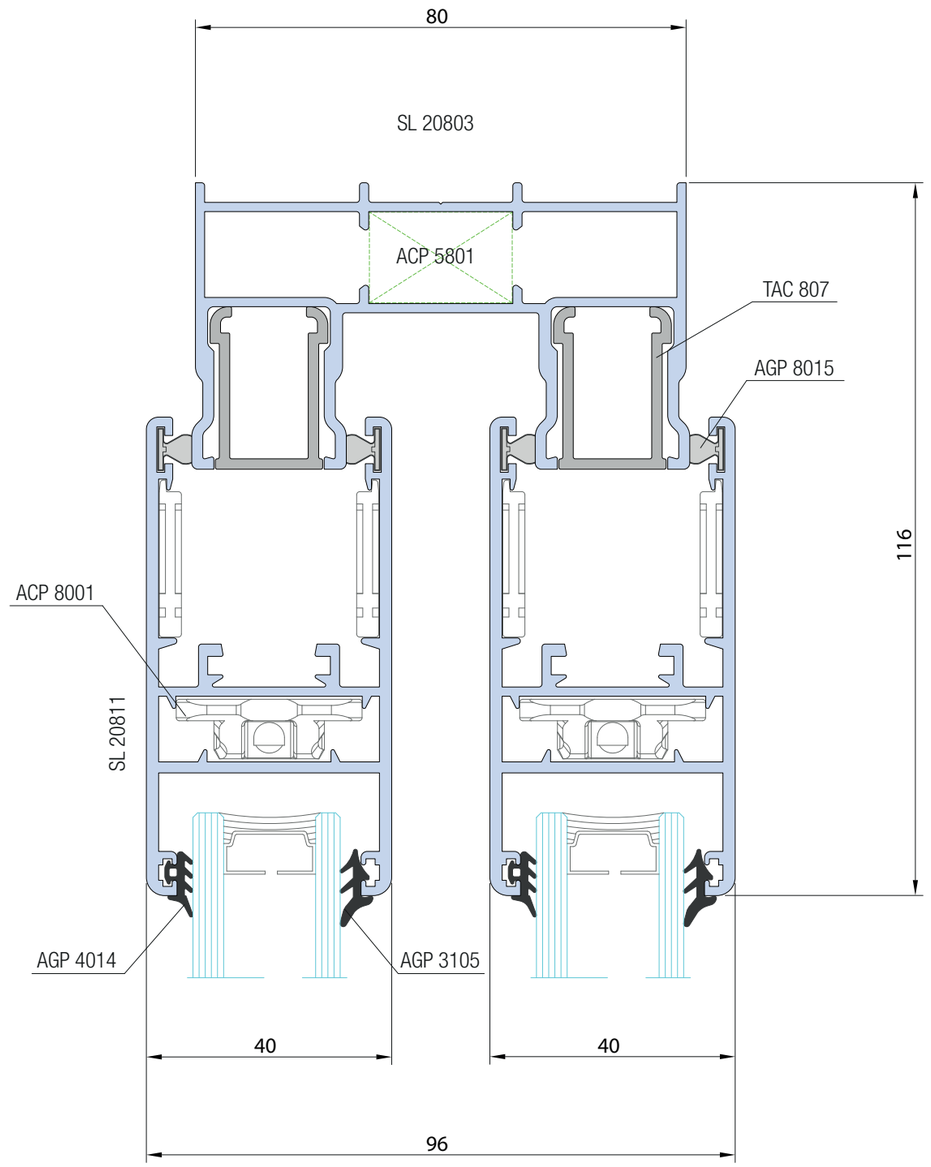
Central section - not insulated system - 40mm sash



Nodo 22

Nodo superiore - anta fredda da 40mm - versione alzante

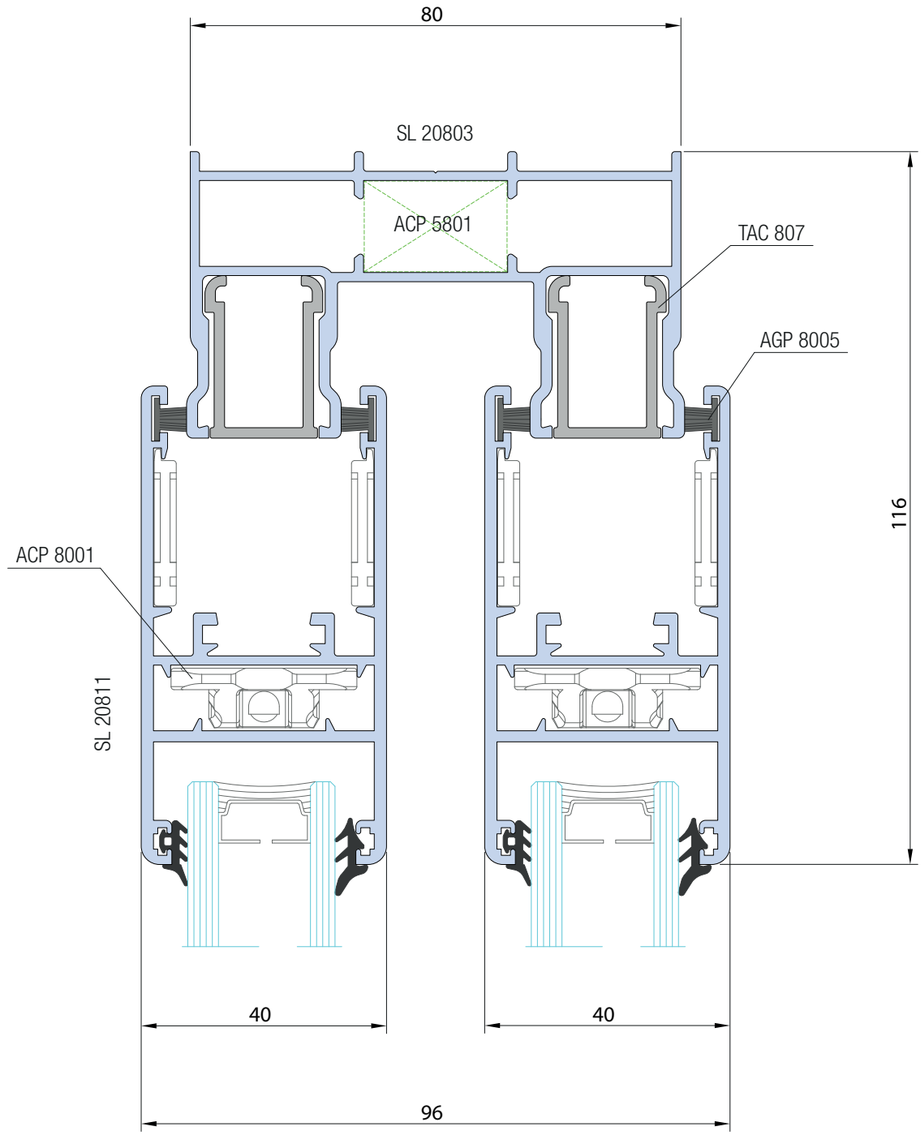
Top section - not insulated system - 40mm sash - lift&slide window



Nodo 23

Nodo superiore - anta fredda da 40mm - versione scorrevole

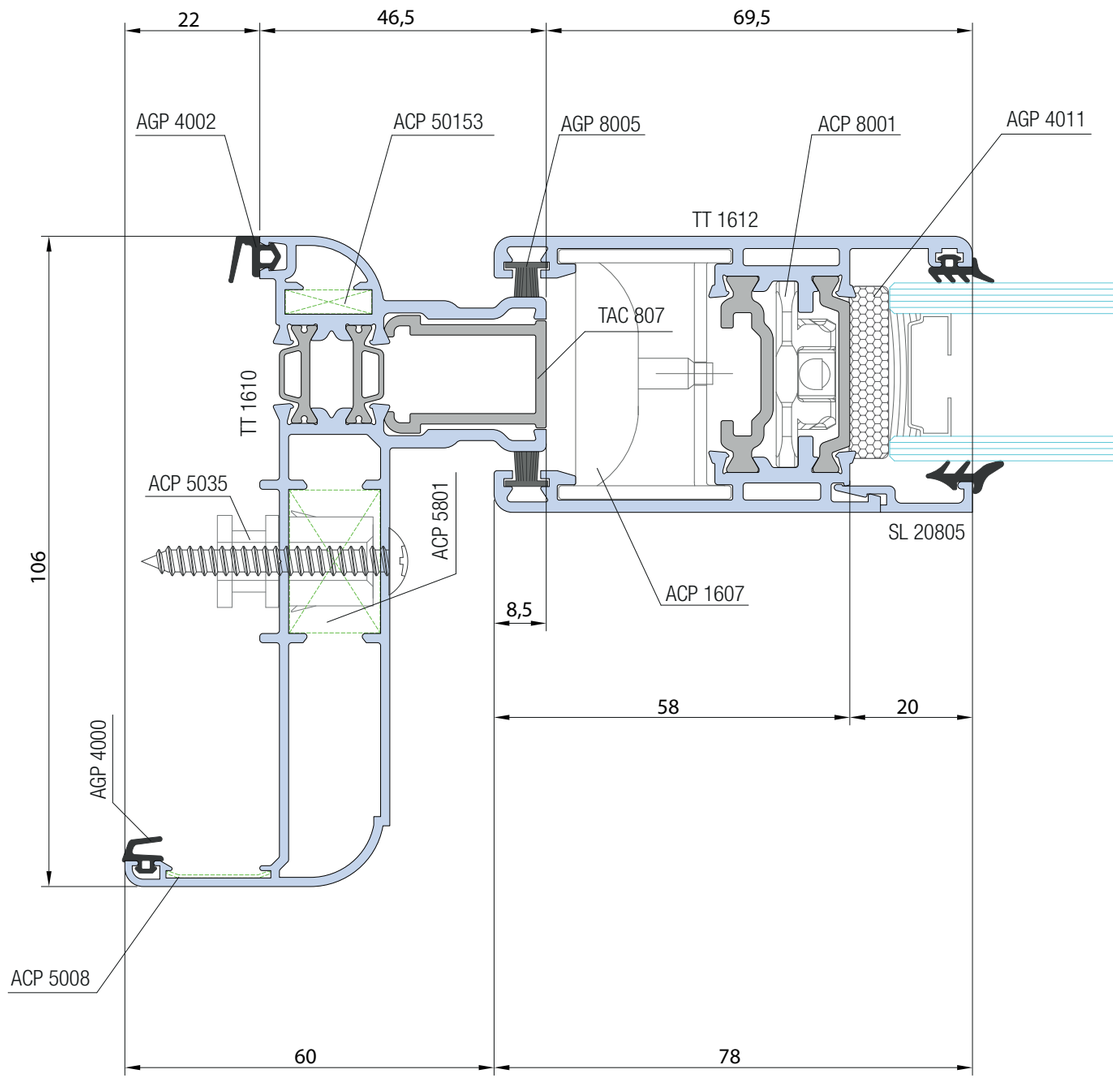
Top section - not insulated system - 40mm sash - slide window



Nodo 24

Nodo laterale - anta 45mm - versione scorrevole

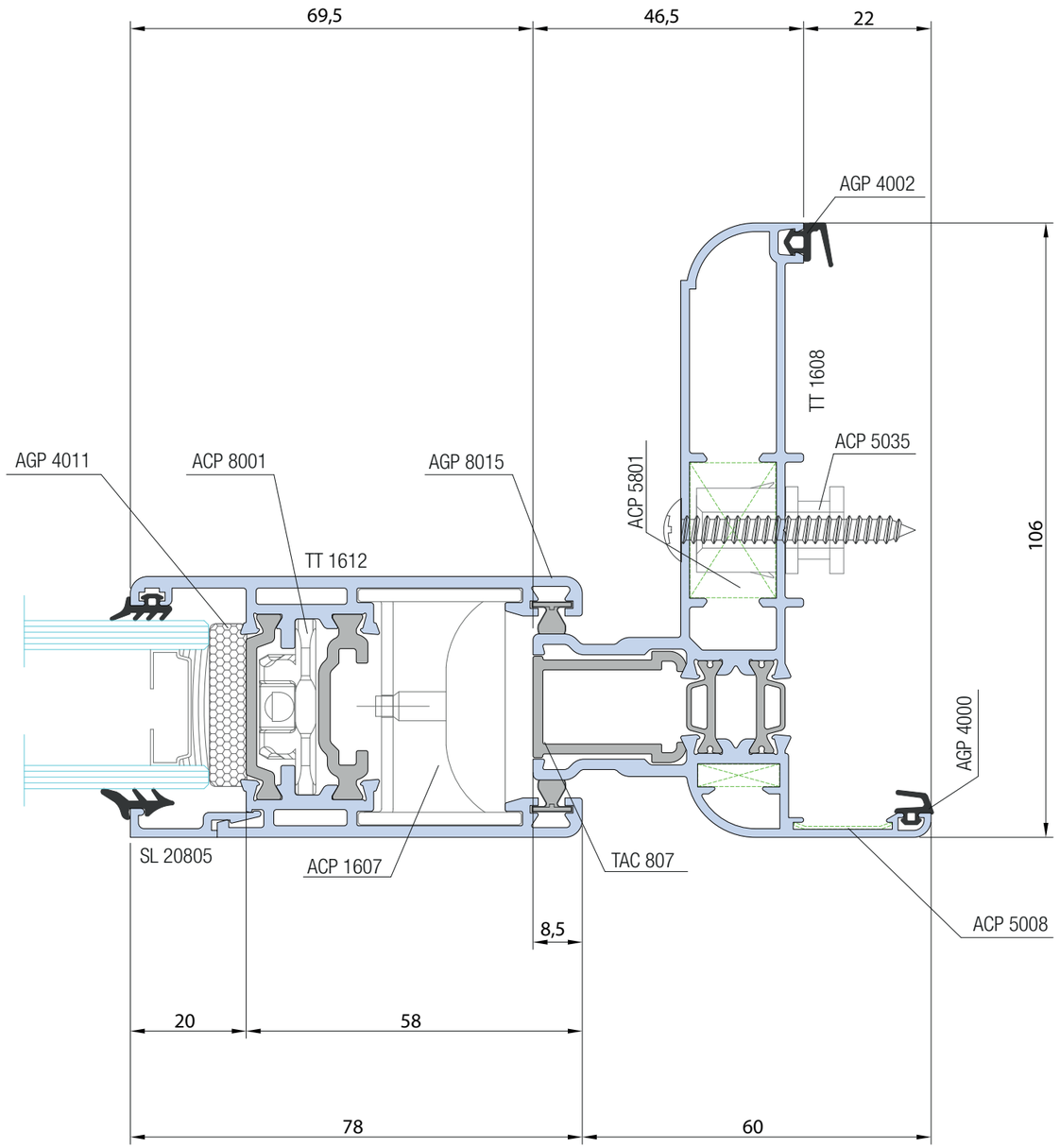
Lateral section - 45mm sash - slide window



Nodo 25

Nodo laterale - anta 45mm - versione alzante

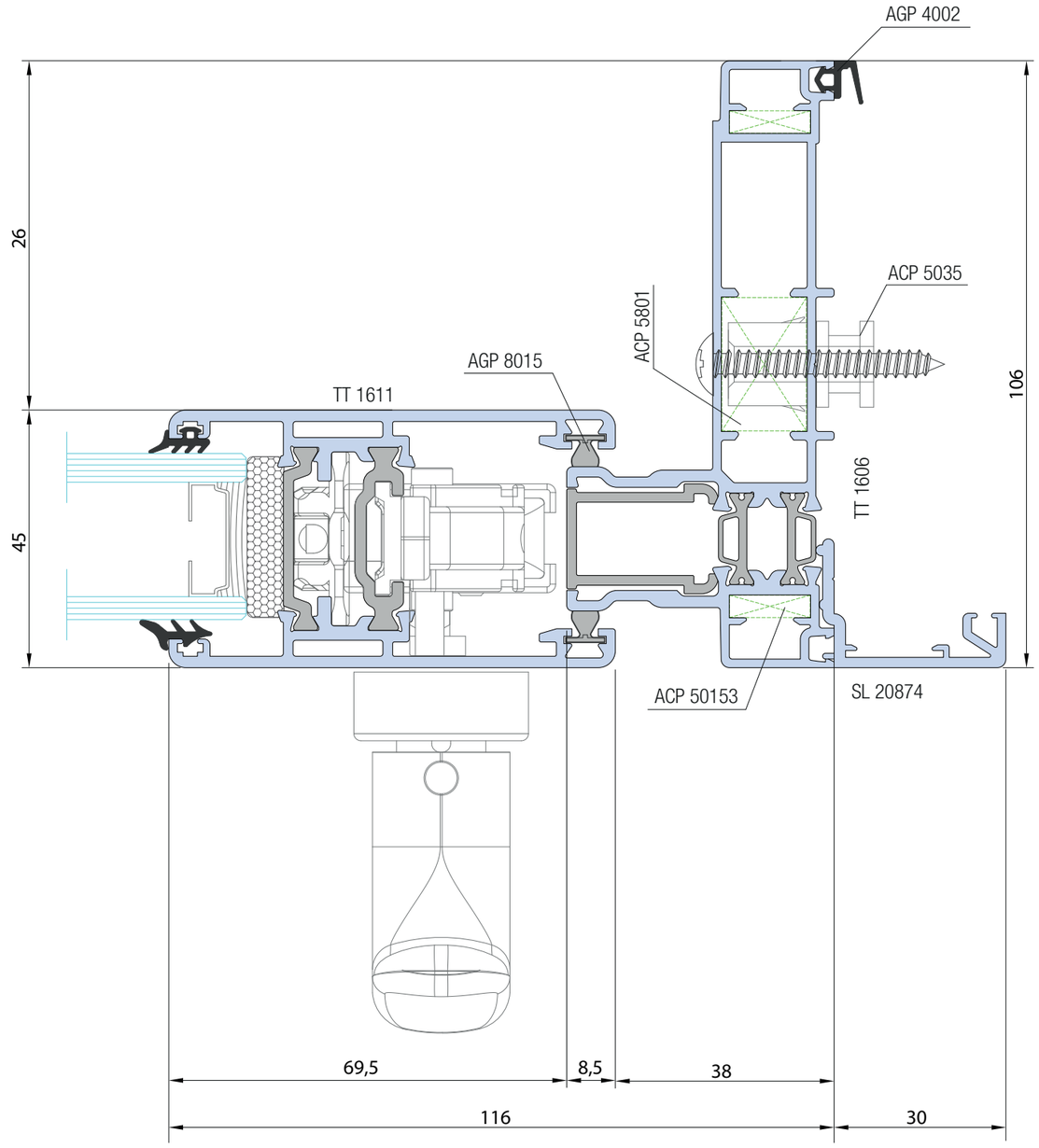
Lateral section - 45mm sash - lift&slide window



Nodo 26

Nodo laterale - anta 45mm - versione alzante

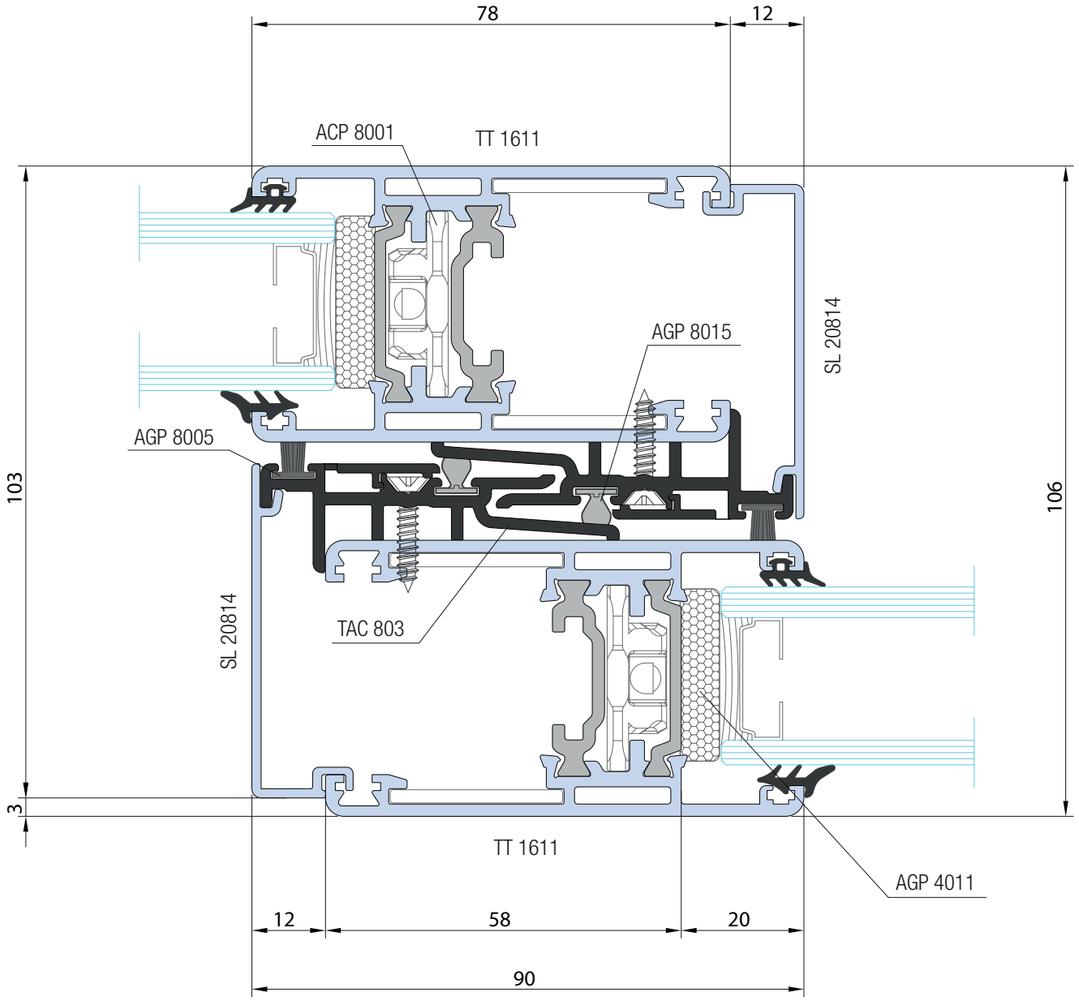
Lateral section - 45mm sash - lift&slide window



Nodo 27

Nodo centrale - anta 45mm

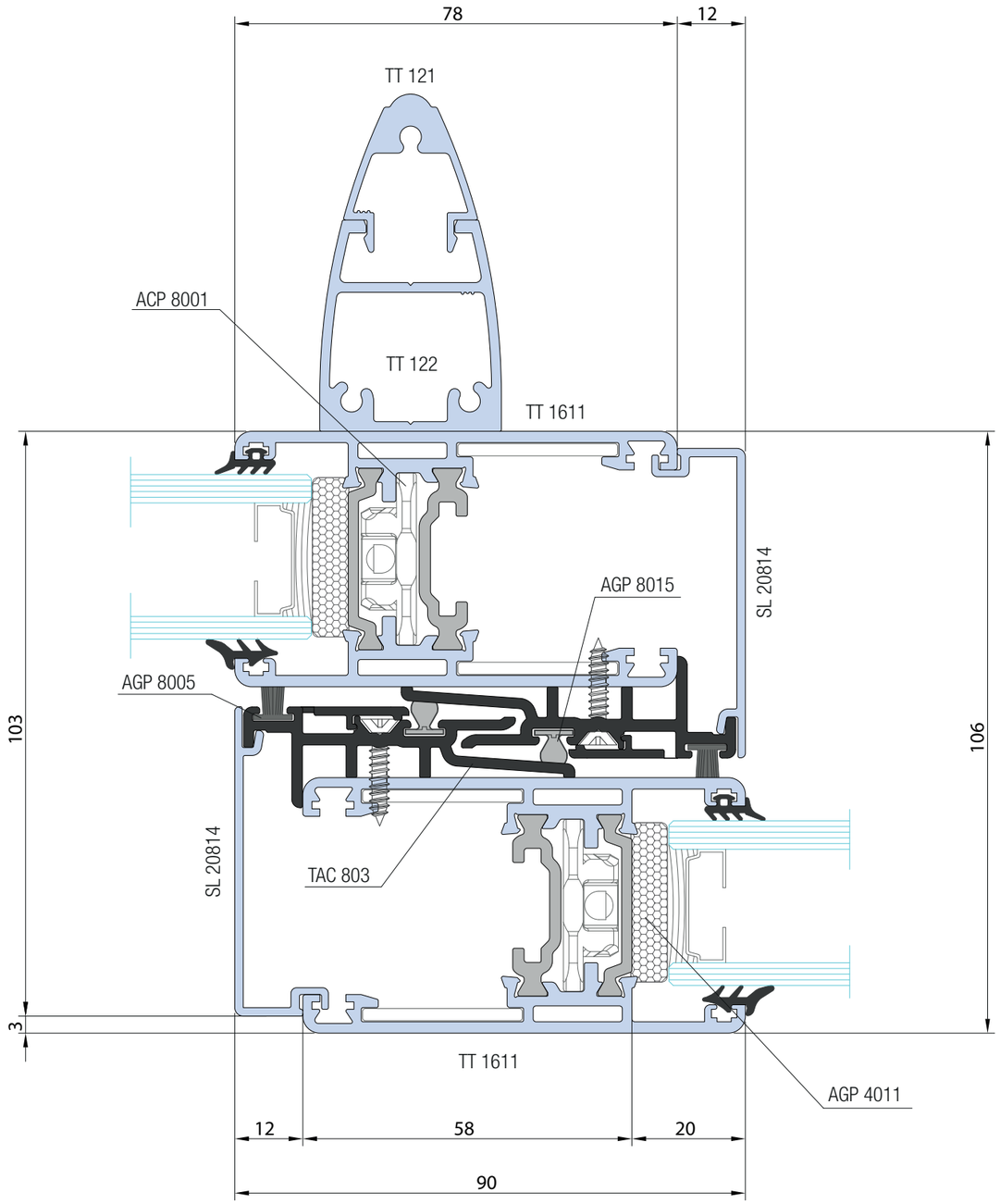
Central section - 45mm sash



Nodo 28

Nodo centrale - anta 45mm

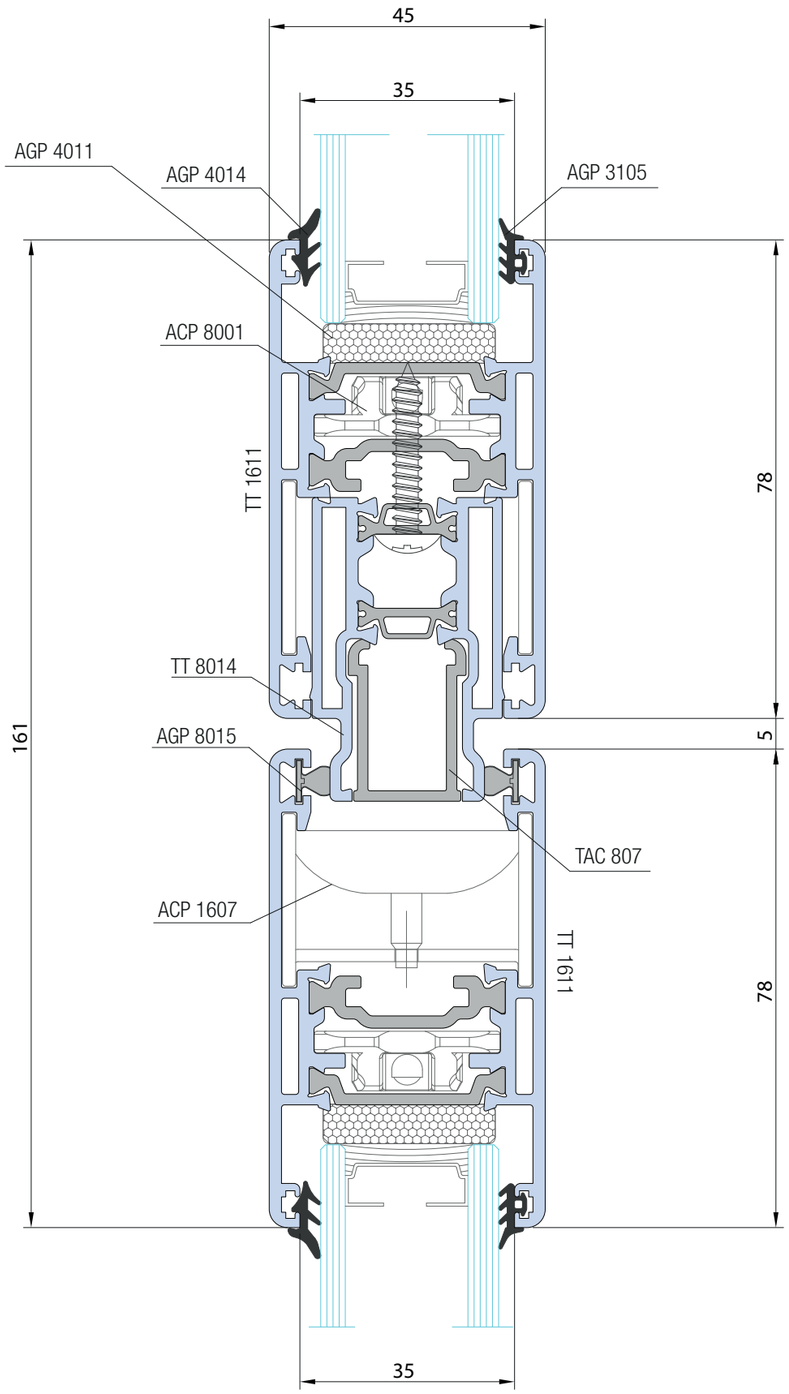
Central section - 45mm sash



Nodo 29

Nodo centrale - 4 ante da 45mm - versione alzante

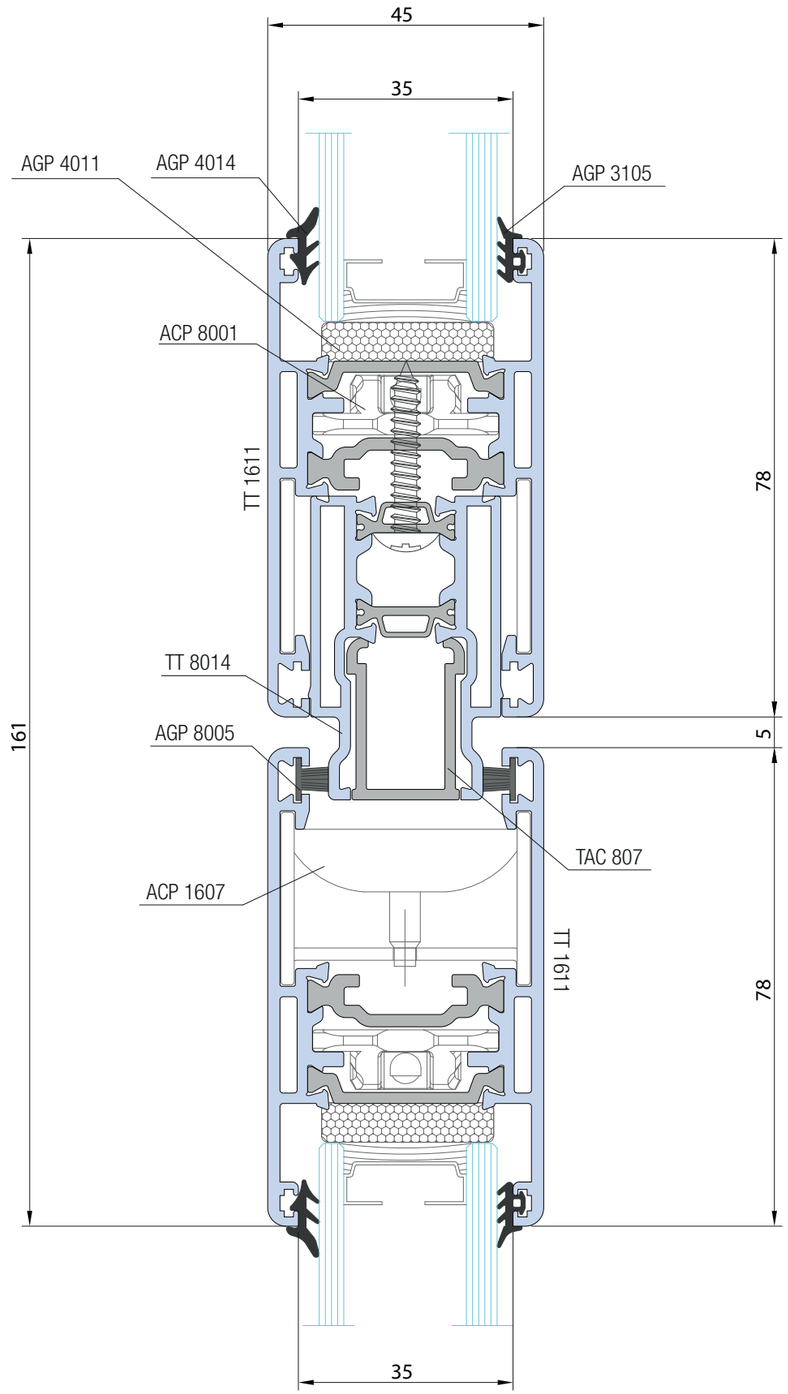
Central section - 4sash, 45mm sash - lift&slide window



Nodo 30

Nodo centrale - 4 ante da 45mm - versione scorrevole

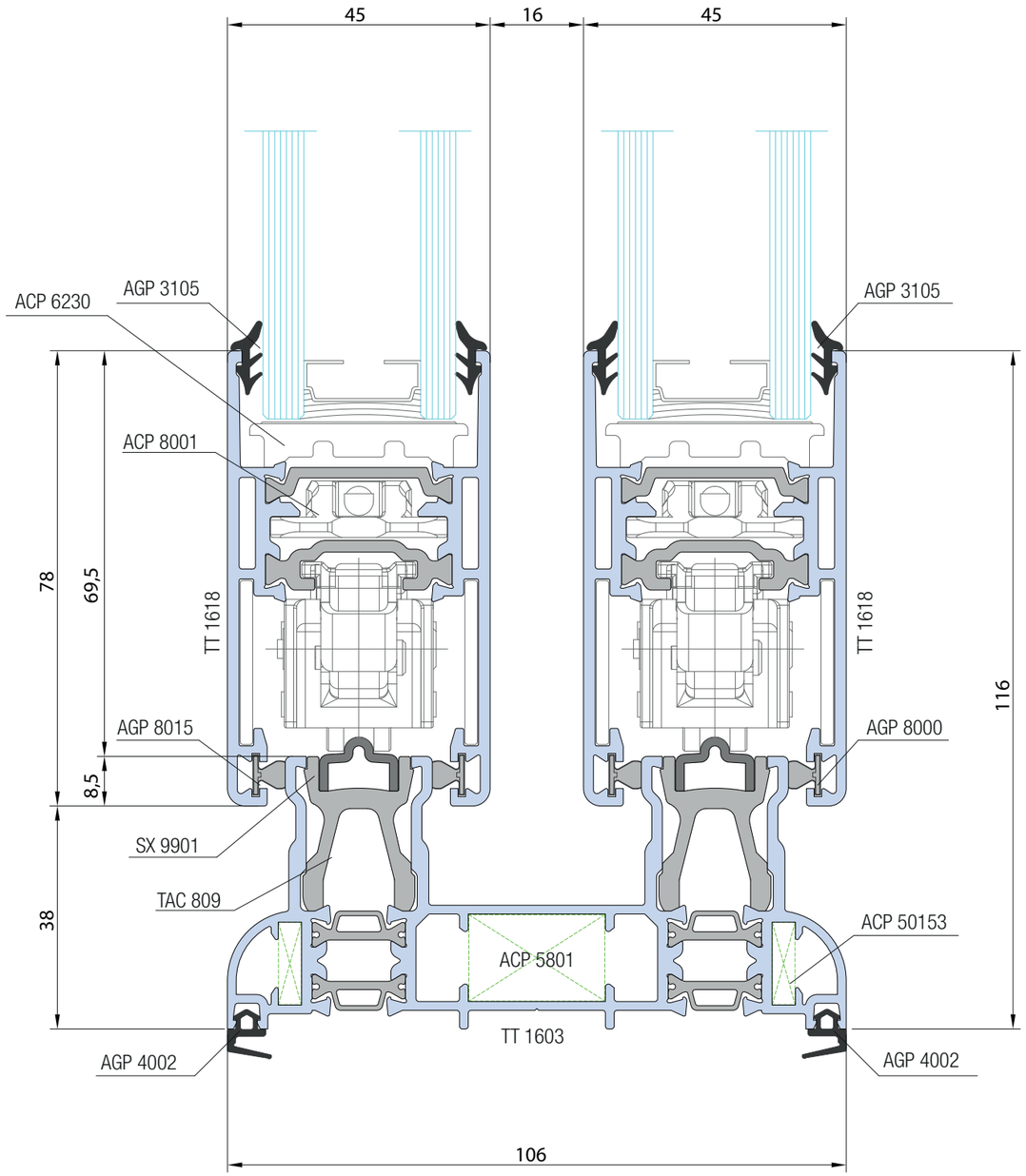
Central section - 4 sash, 45mm sash - slide window



Nodo 31

Nodo inferiore - anta da 45mm - versione alzante

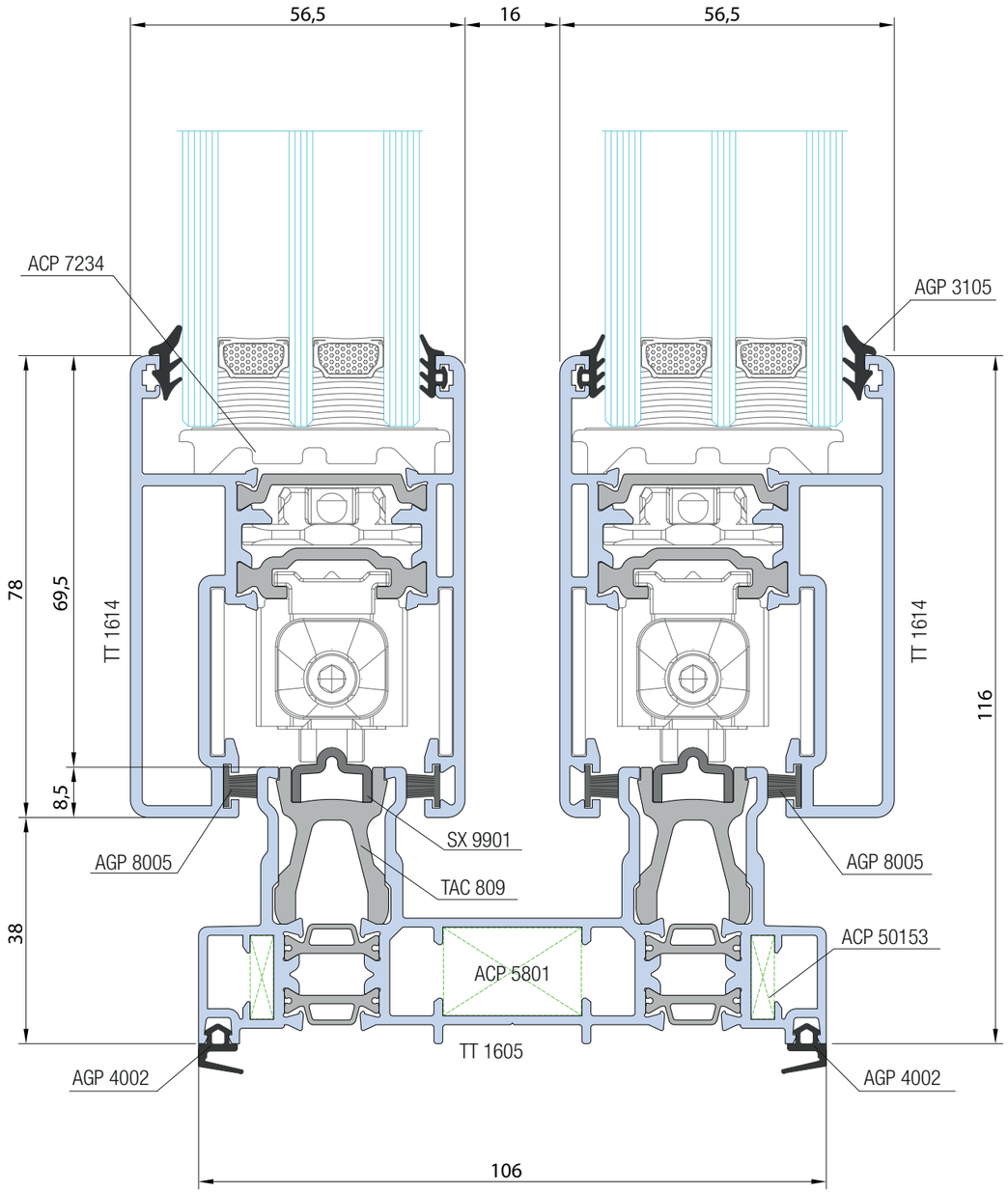
bottom section - 45mm sash - lift&slide window



Nodo 32

Nodo inferiore - anta da 45mm extra - versione scorrevole

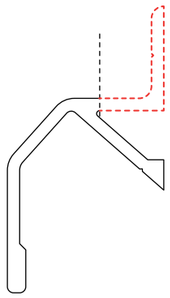
Bottom section - 45mm extra sash - slide window



Nodo 33

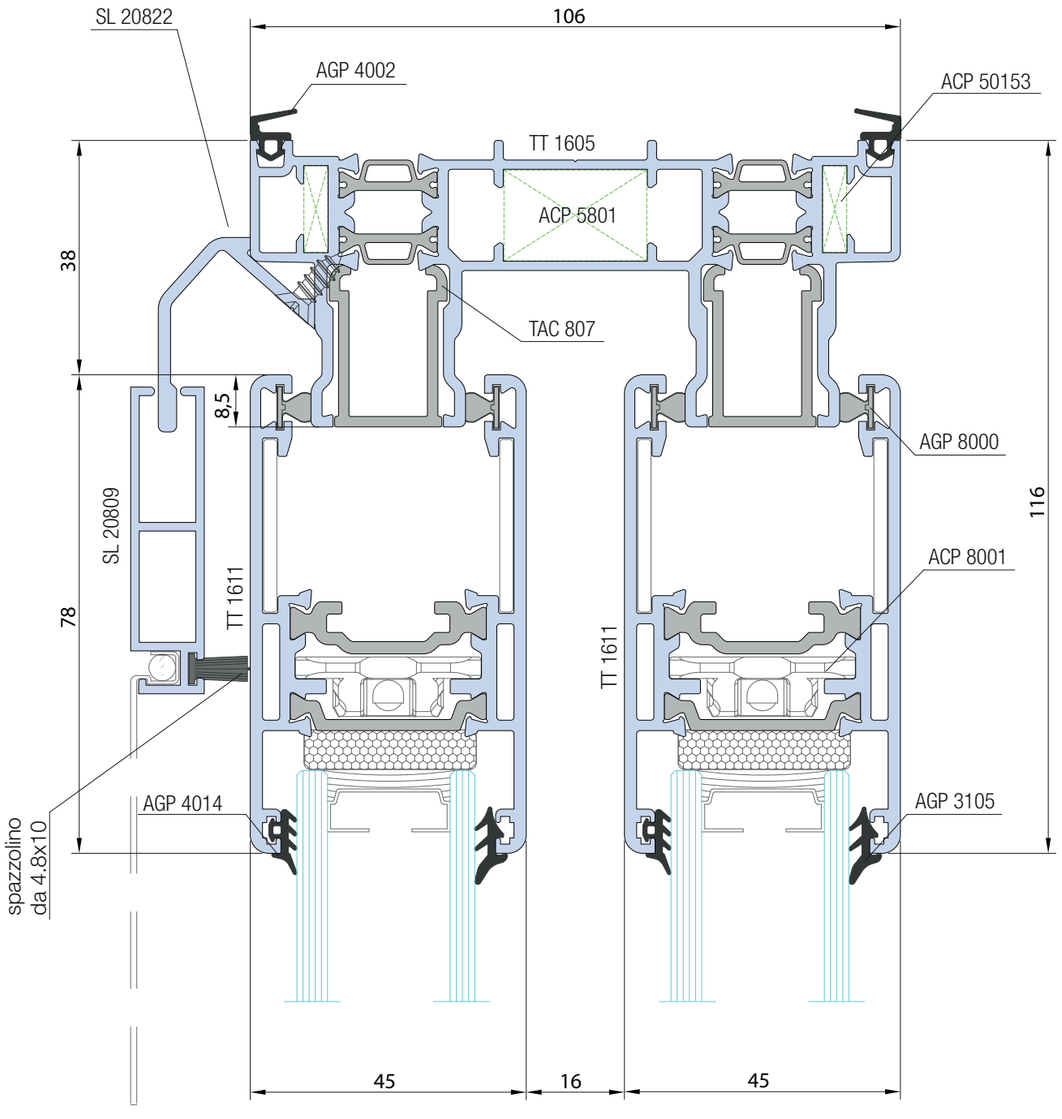
Nodo superiore - anta da 45mm - versione alzante

Top section - 45mm sash - lift&slide window



per posizionare il profilo gocciolatoio, tagliare il profilo e avvitarlo al serramento, come in figura

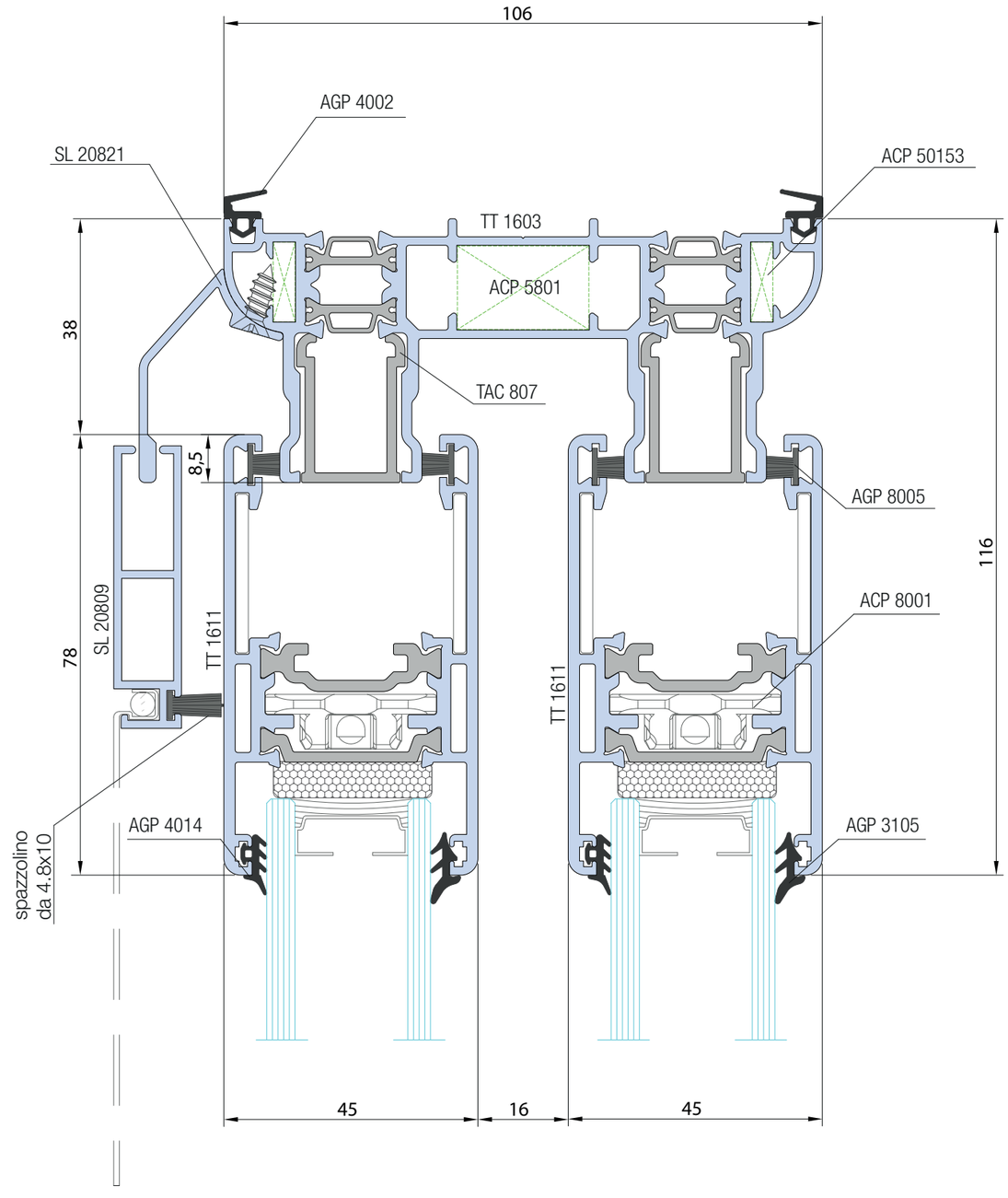
to place the drip fin profile, cut it as shown in figure



Nodo 34

Nodo superiore - anta da 45mm - versione scorrevole

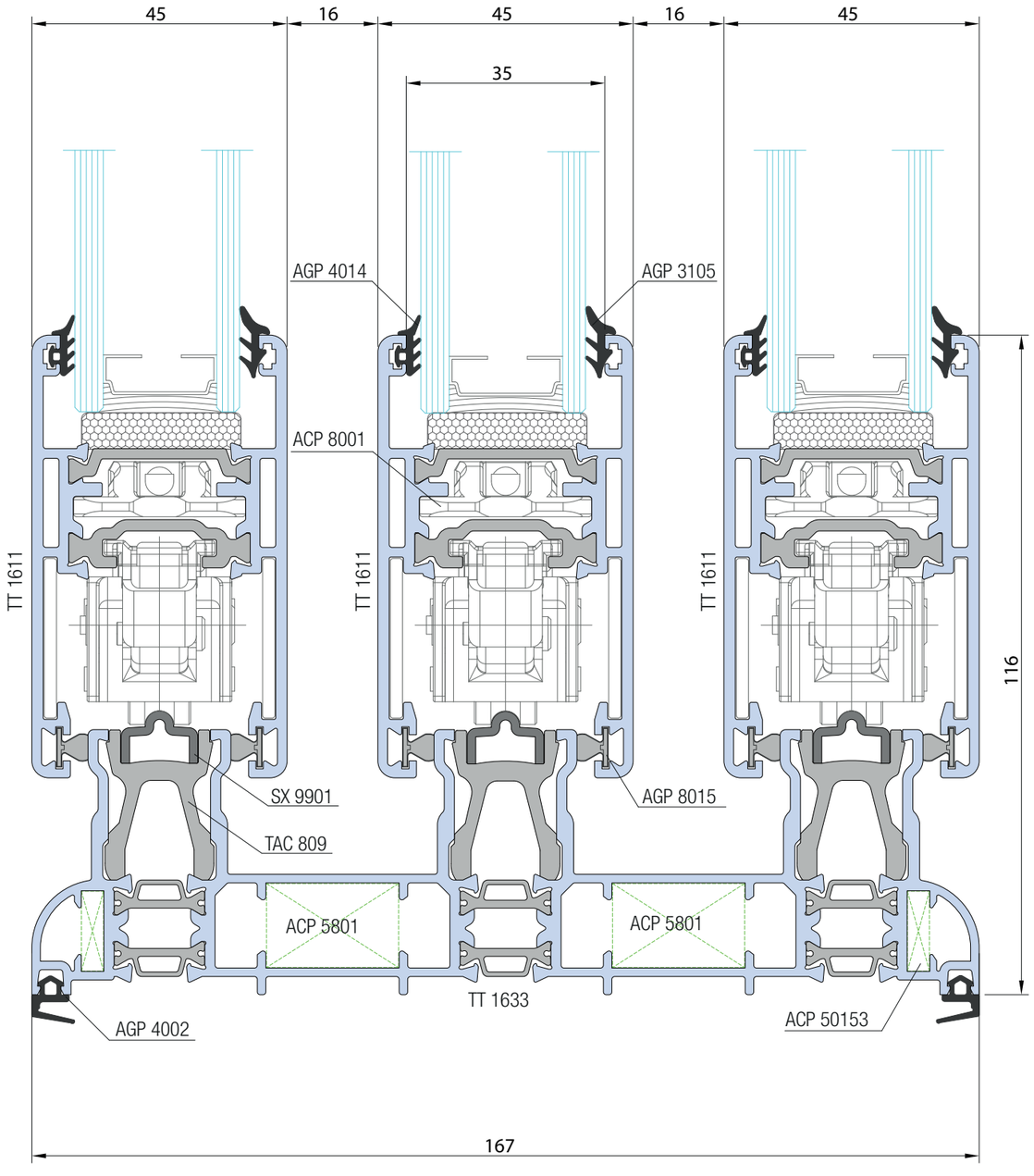
Top section - 45mm sash - slide window



Nodo 35

Nodo inferiore - 3 ante da 45mm - versione alzante

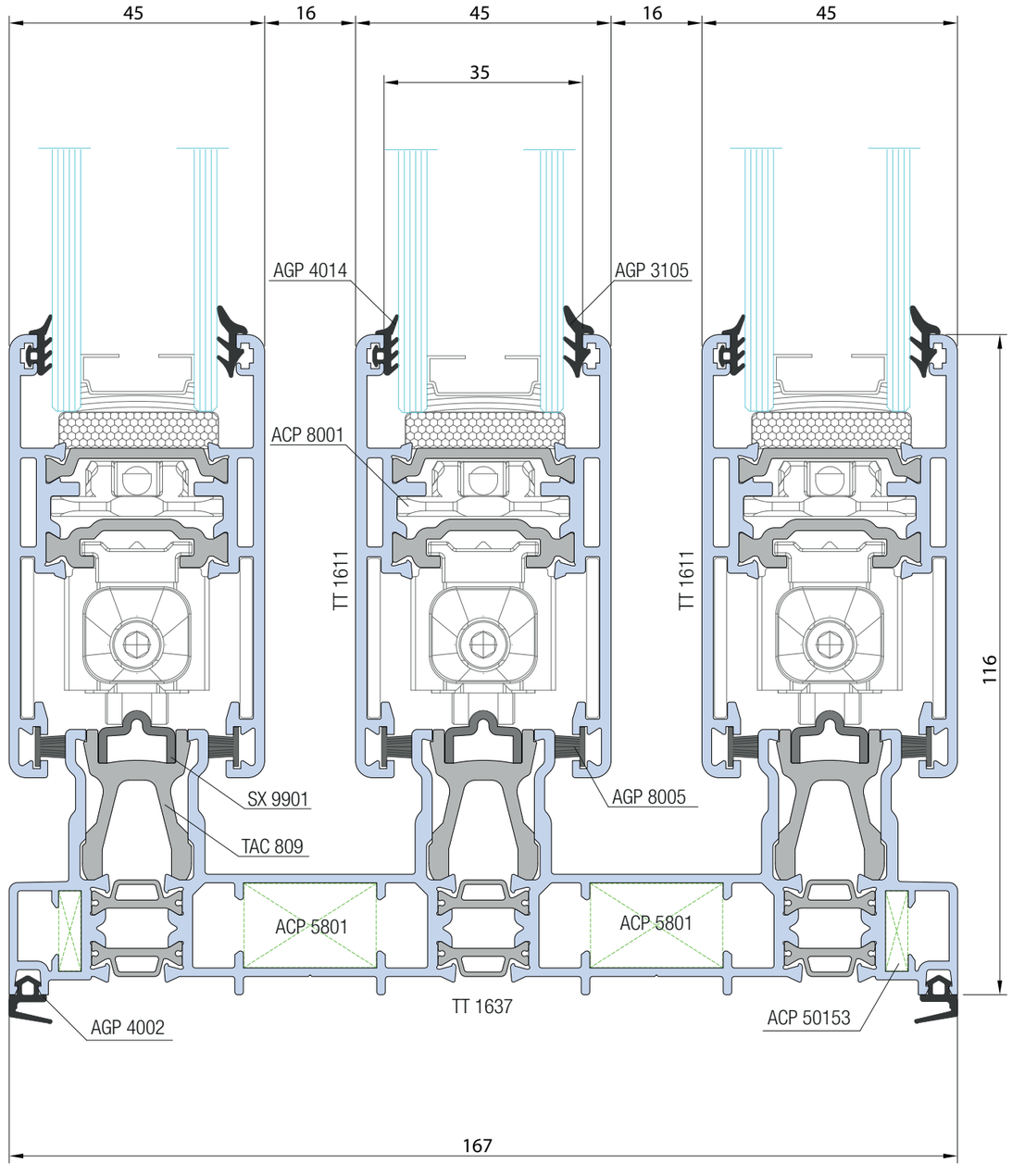
Bottom section - 3 sash, 45mm - lift&slide window



Nodo 36

Nodo inferiore - 3 ante da 45mm - versione scorrevole

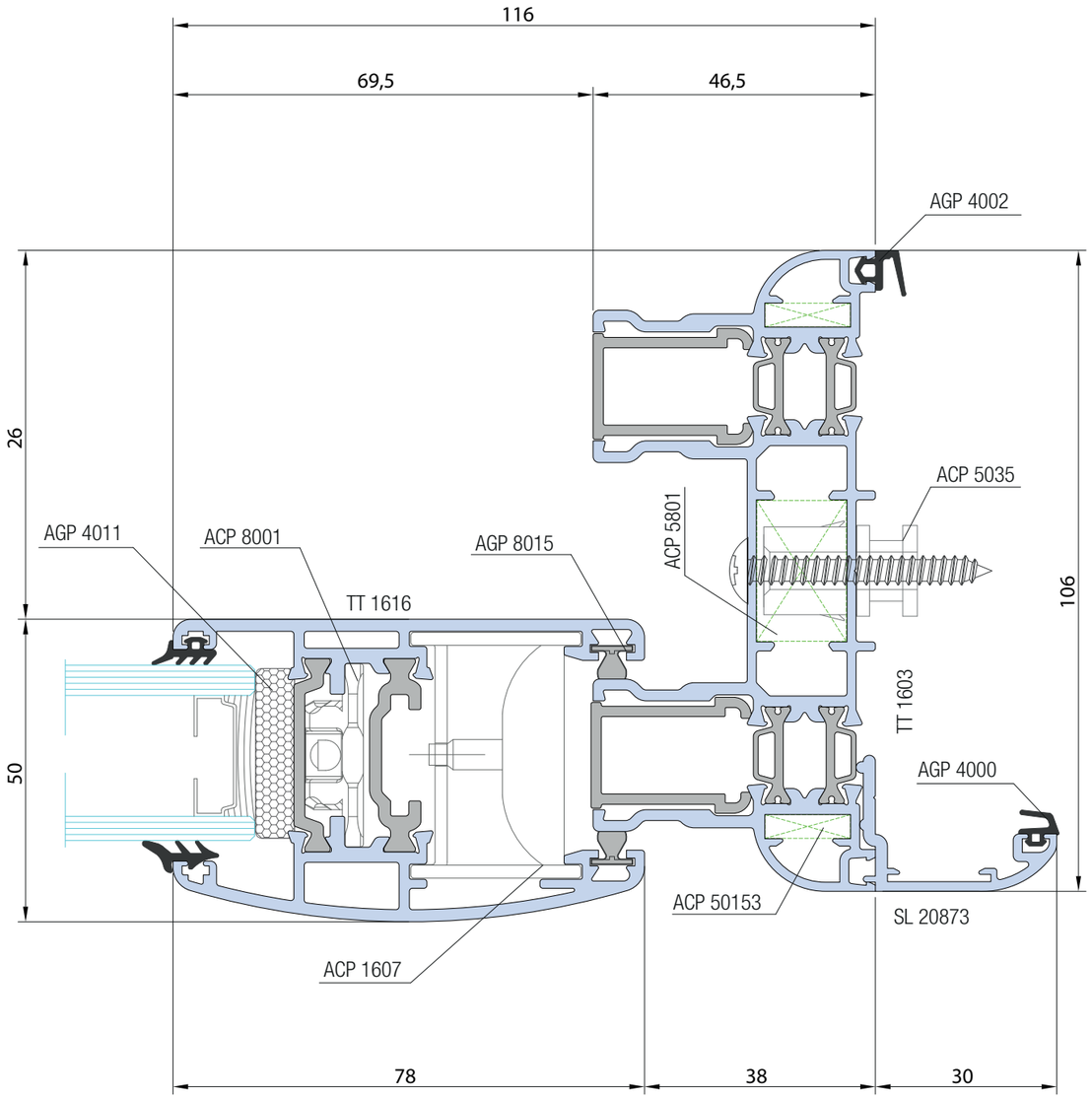
Bottom section - 3 sash, 45mm - slide window



Nodo 37

Nodo laterale - anta da 45mm - versione alzante

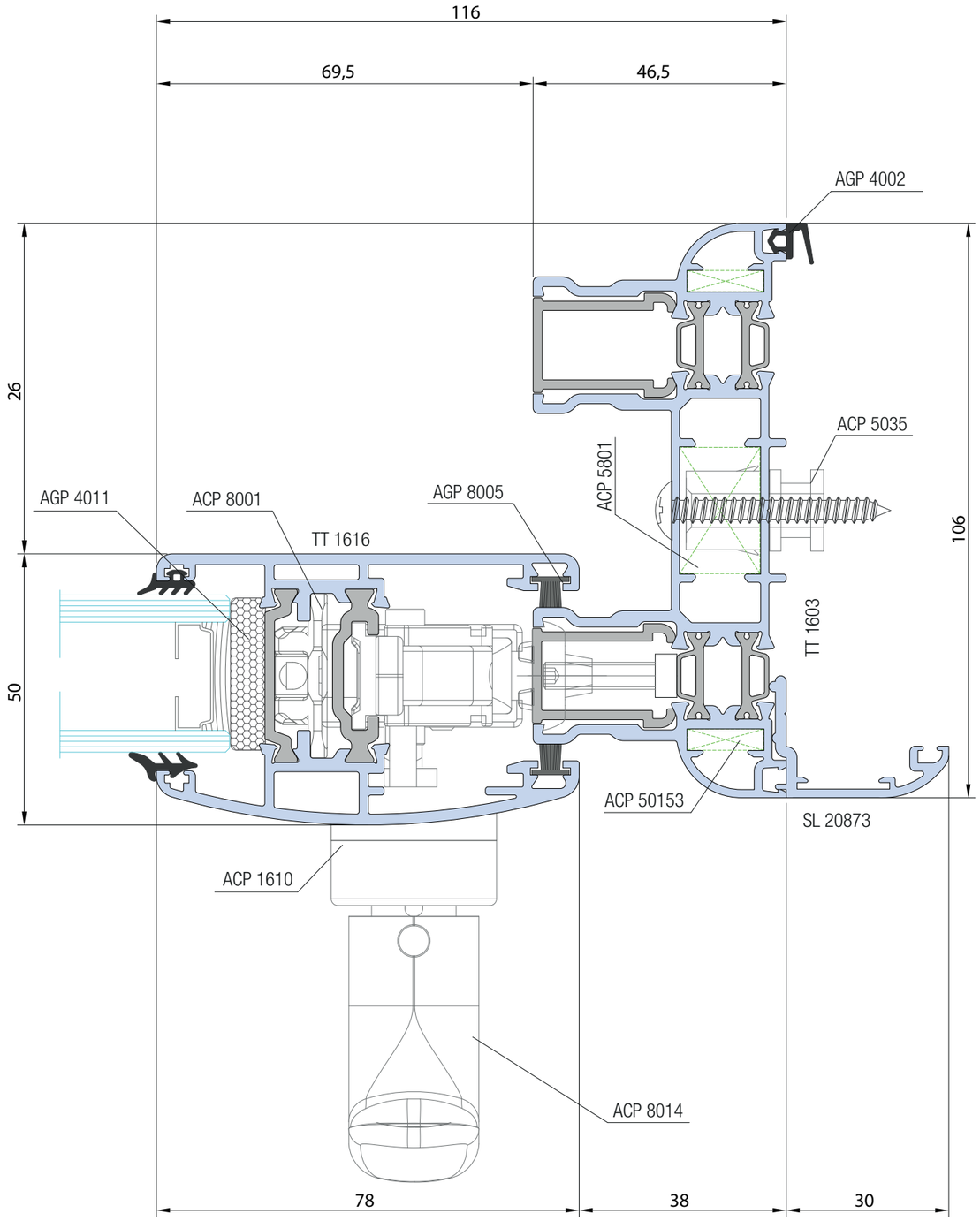
Lateral section - 45mm sash - lift&slide window



Nodo 38

Nodo laterale - anta da 45mm - versione scorrevole

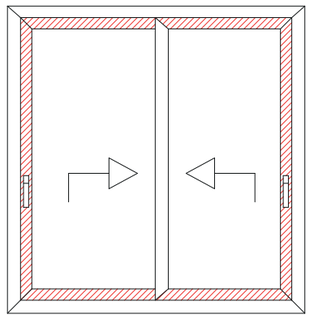
Lateral section - 45mm sash - slide window



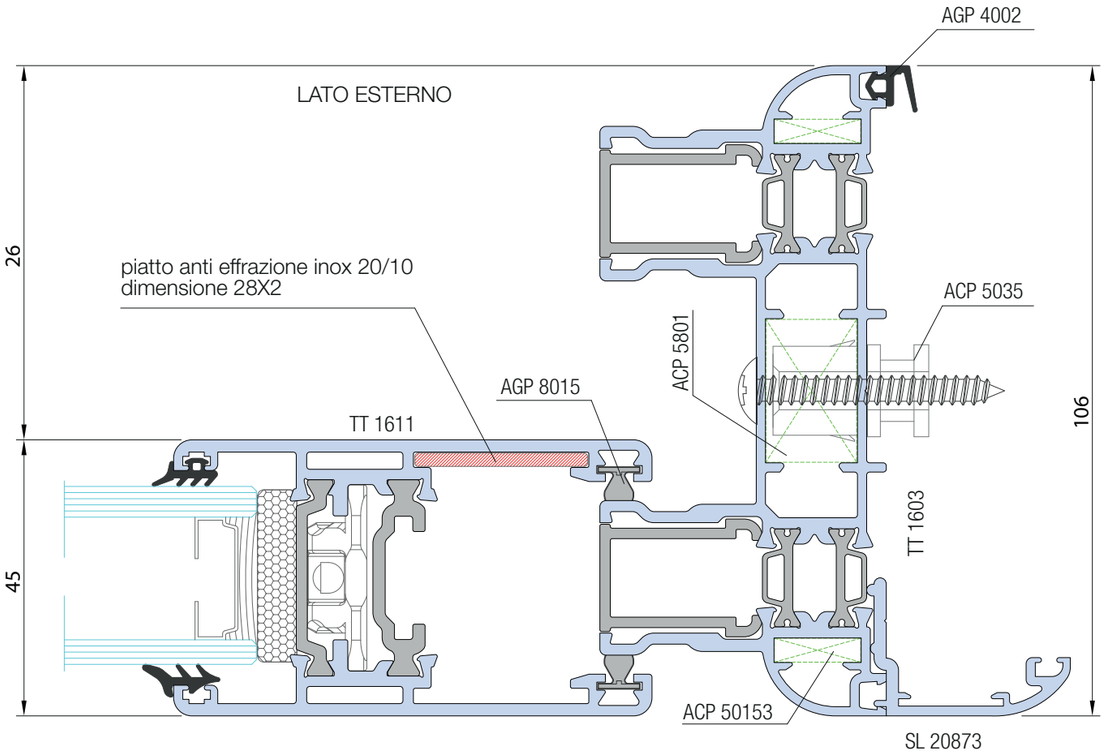
Nodo 39

Soluzione antieffrazione in Classe2 - solo con anta da 45mm - versione alzante

Class2 burglary resistance - lift&slide window only with 45mm sash



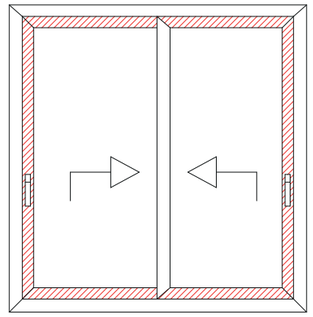
visione interna
con evidenziati
i lati di
posizionamento
del piatto
antieffrazione



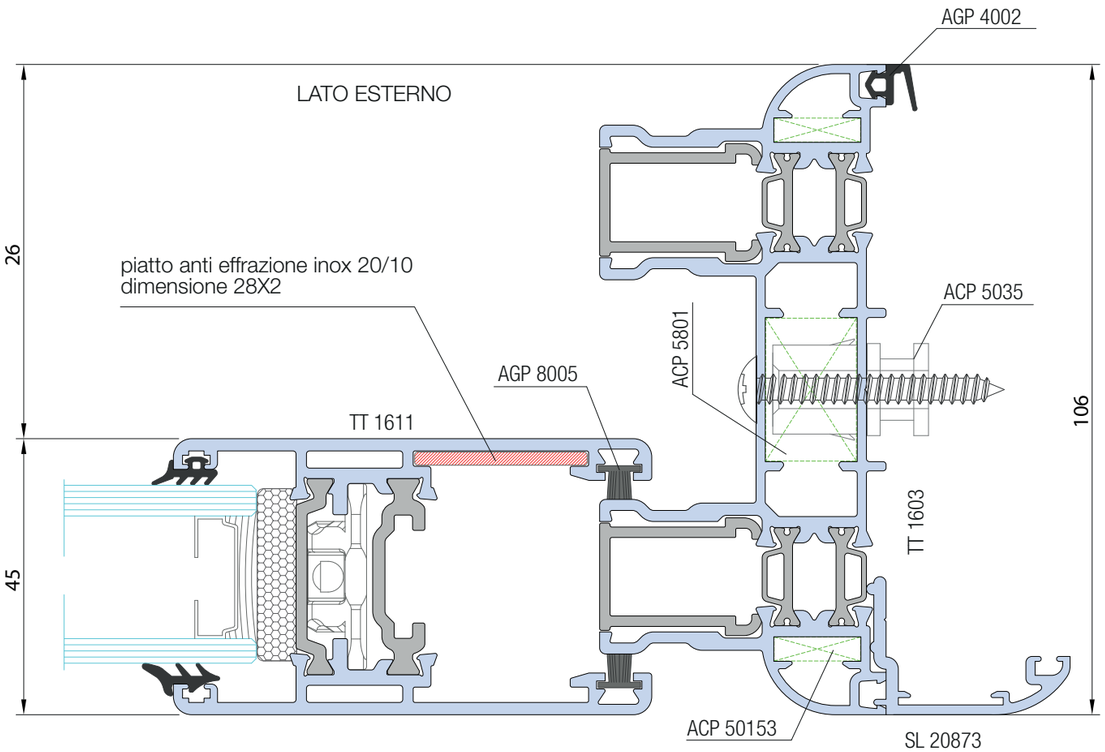
Nodo 40

Soluzione antieffrazione in Classe2 - solo con anta da 45mm - versione scorrevole

Class2 burglary resistance - slide window only with 45mm sash



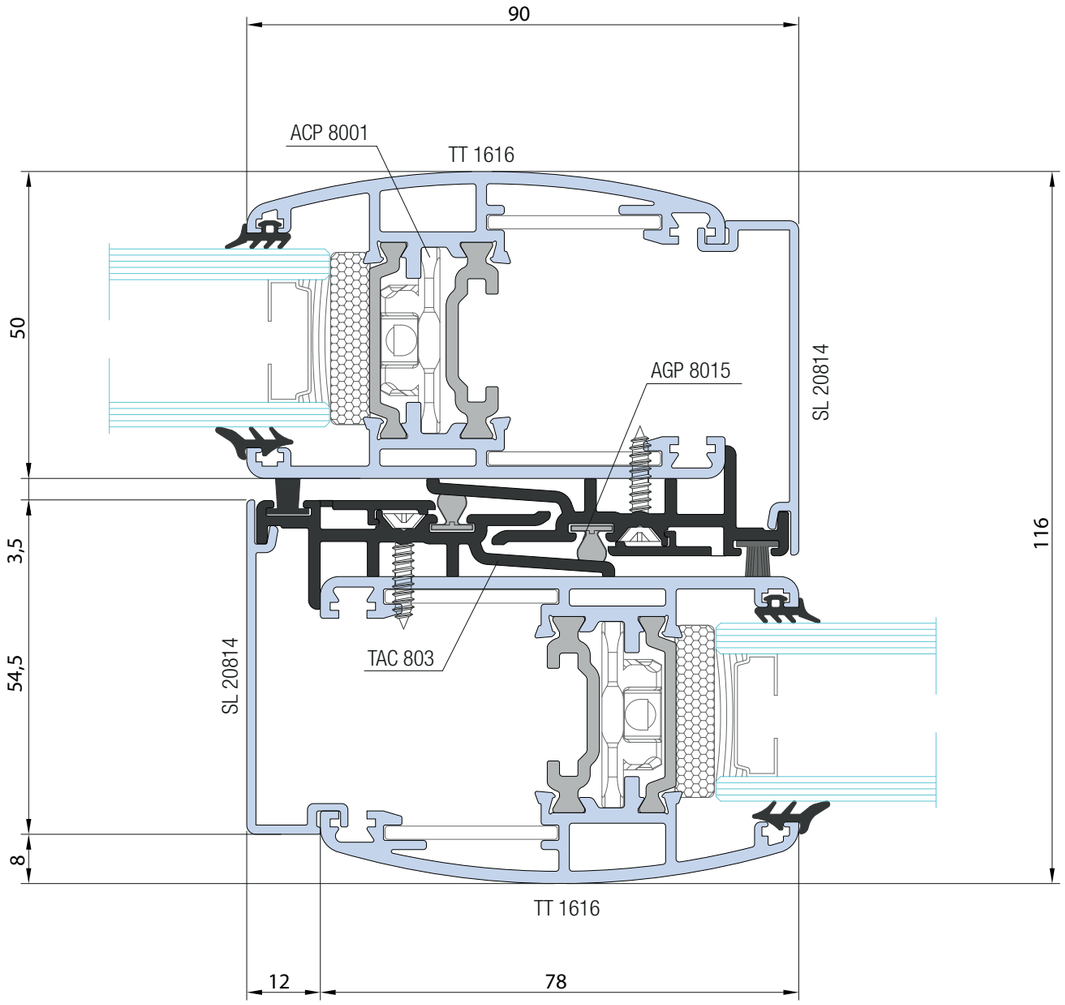
visione interna
con evidenziati
i lati di
posizionamento
del piatto
antieffrazione



Nodo 41

Nodo centrale - anta bombata da 45mm - versione scorrevole

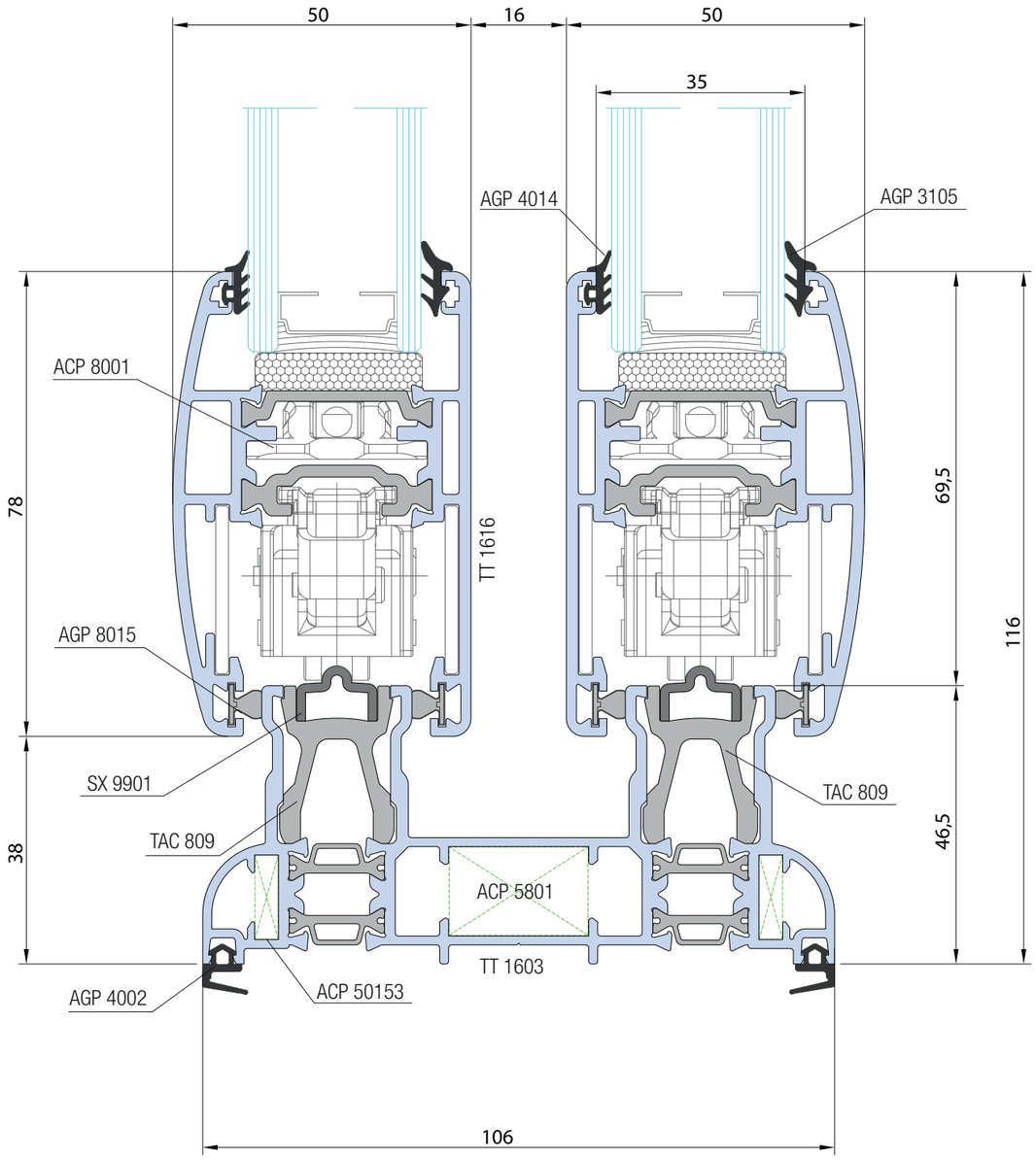
Central section, rounded 45mm sash - slide window



Nodo 42

Nodo inferiore - anta bombata da 45mm - versione alzante

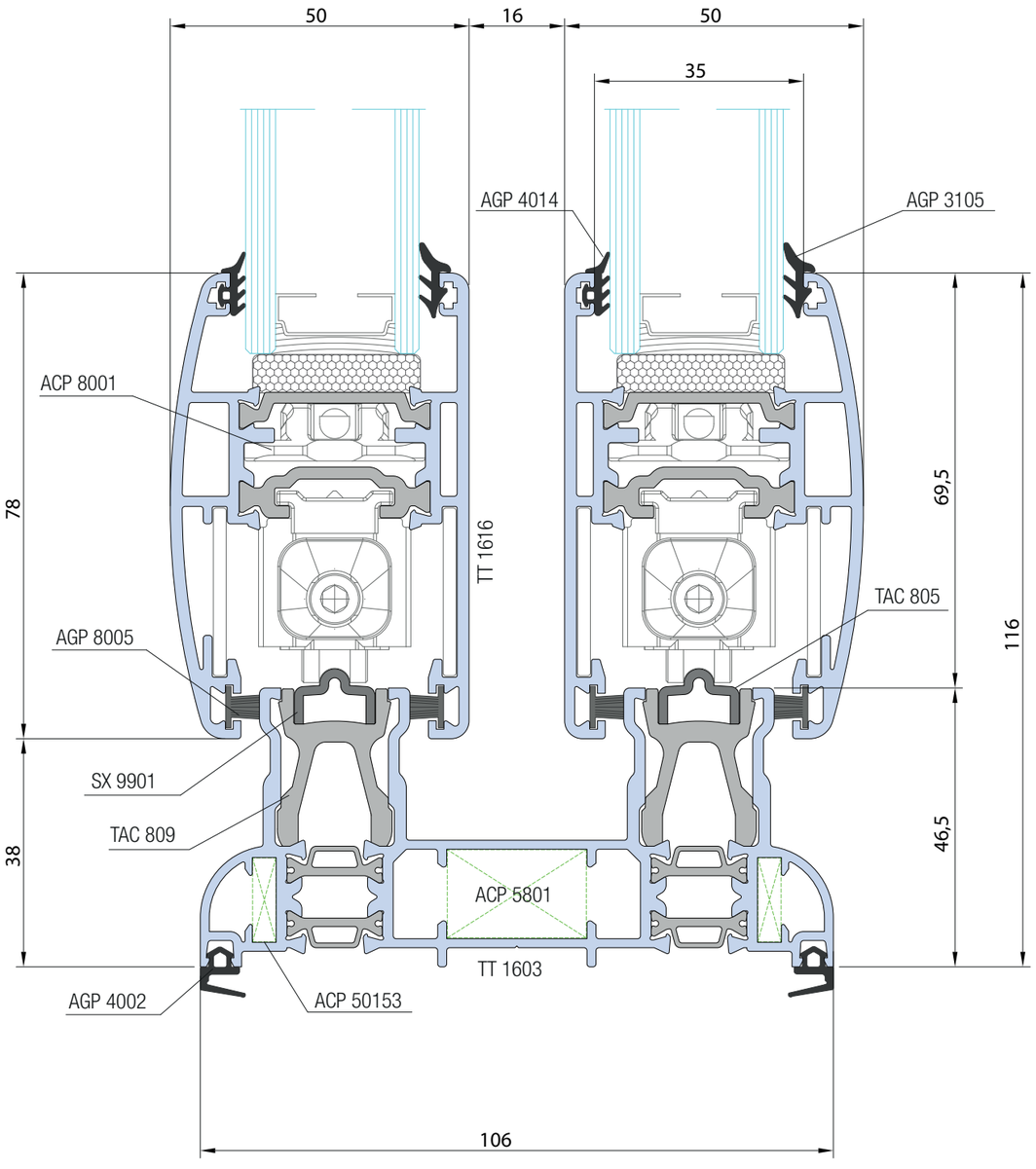
Bottom section - rounded 45mm sash - lift&slide window



Nodo 43

Nodo inferiore - anta bombata da 45mm - versione scorrevole

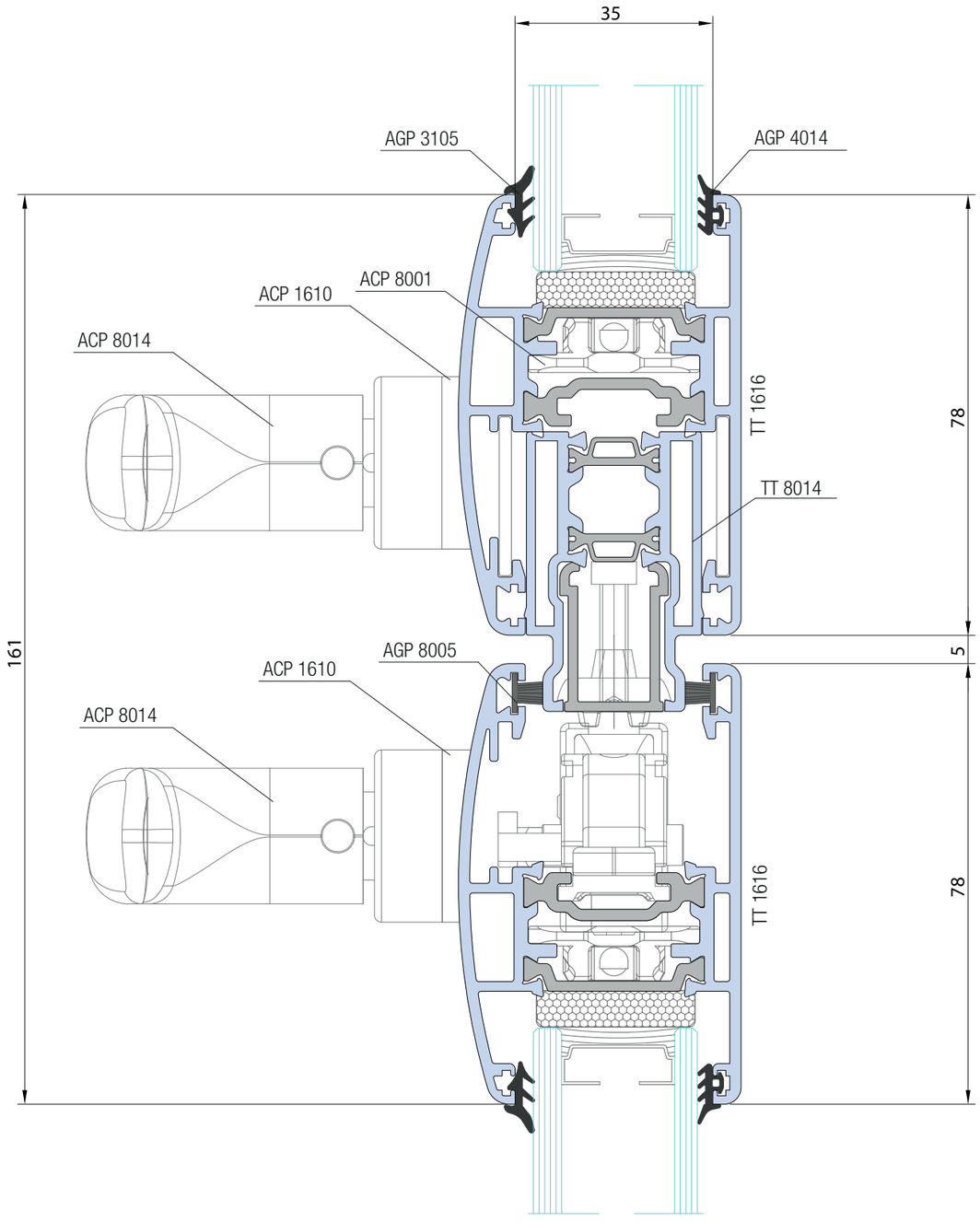
Bottom section - rounded sash - slide window



Nodo 44

Nodo centrale - 4 ante bombata da 45mm - versione scorrevole

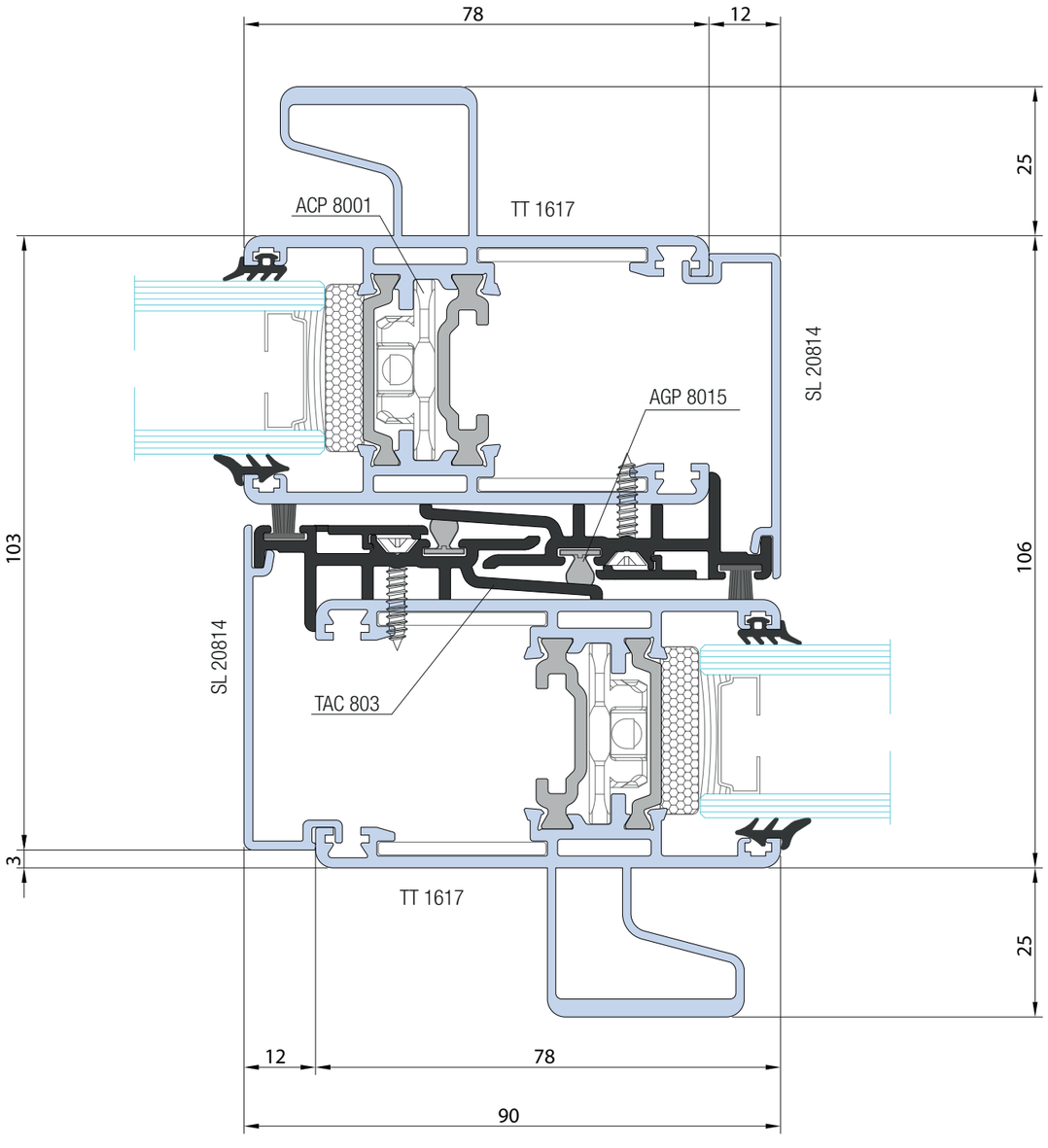
Central section - 4 rounded 45mm sash - slide window



Nodo 45

Nodo centrale - anta rinforzata da 45mm - versione alzante

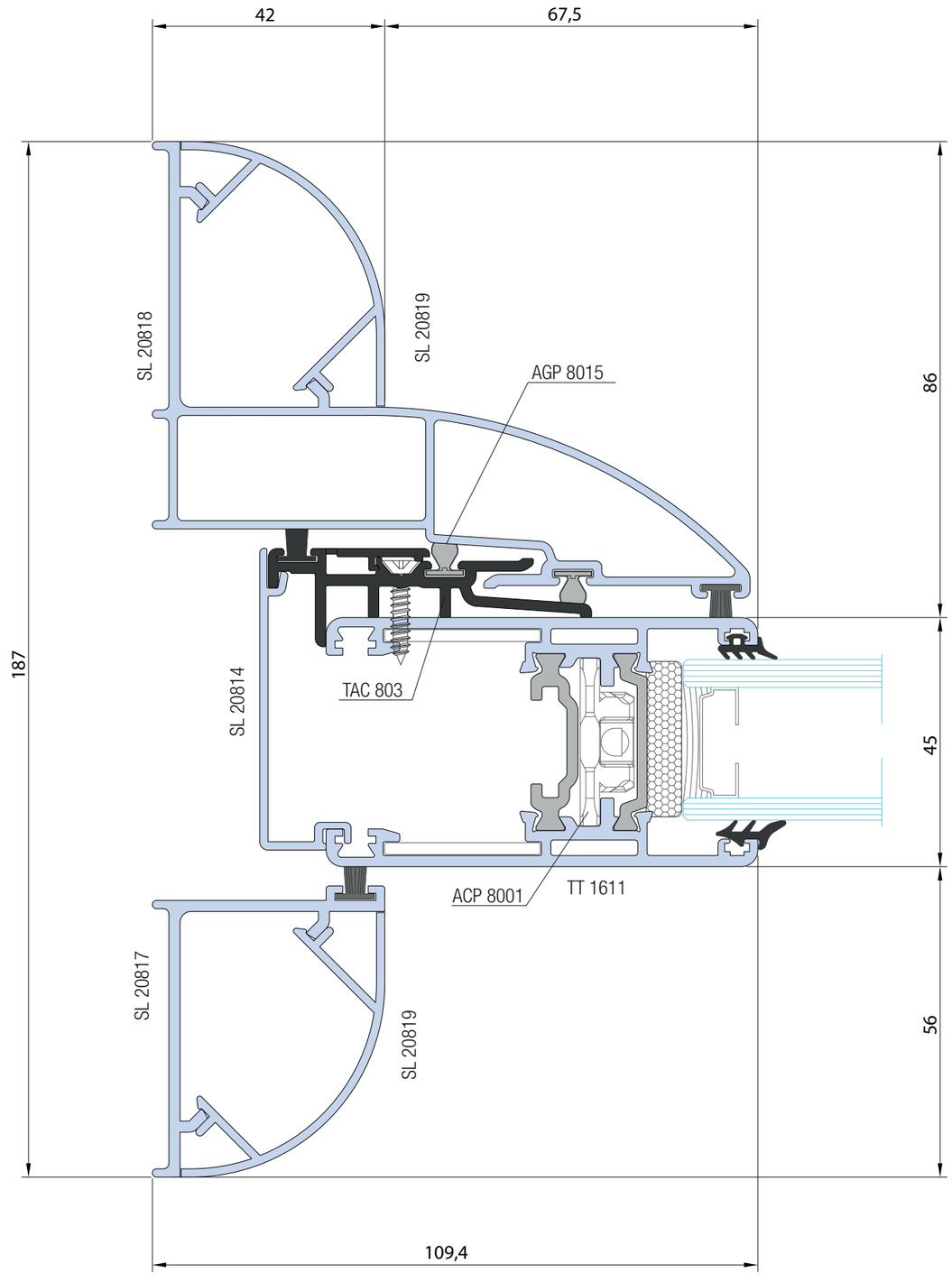
Central section - reinforced rounded 45mm sash - lift&slide window



Nodo 46

Nodo a muro - monorotaia

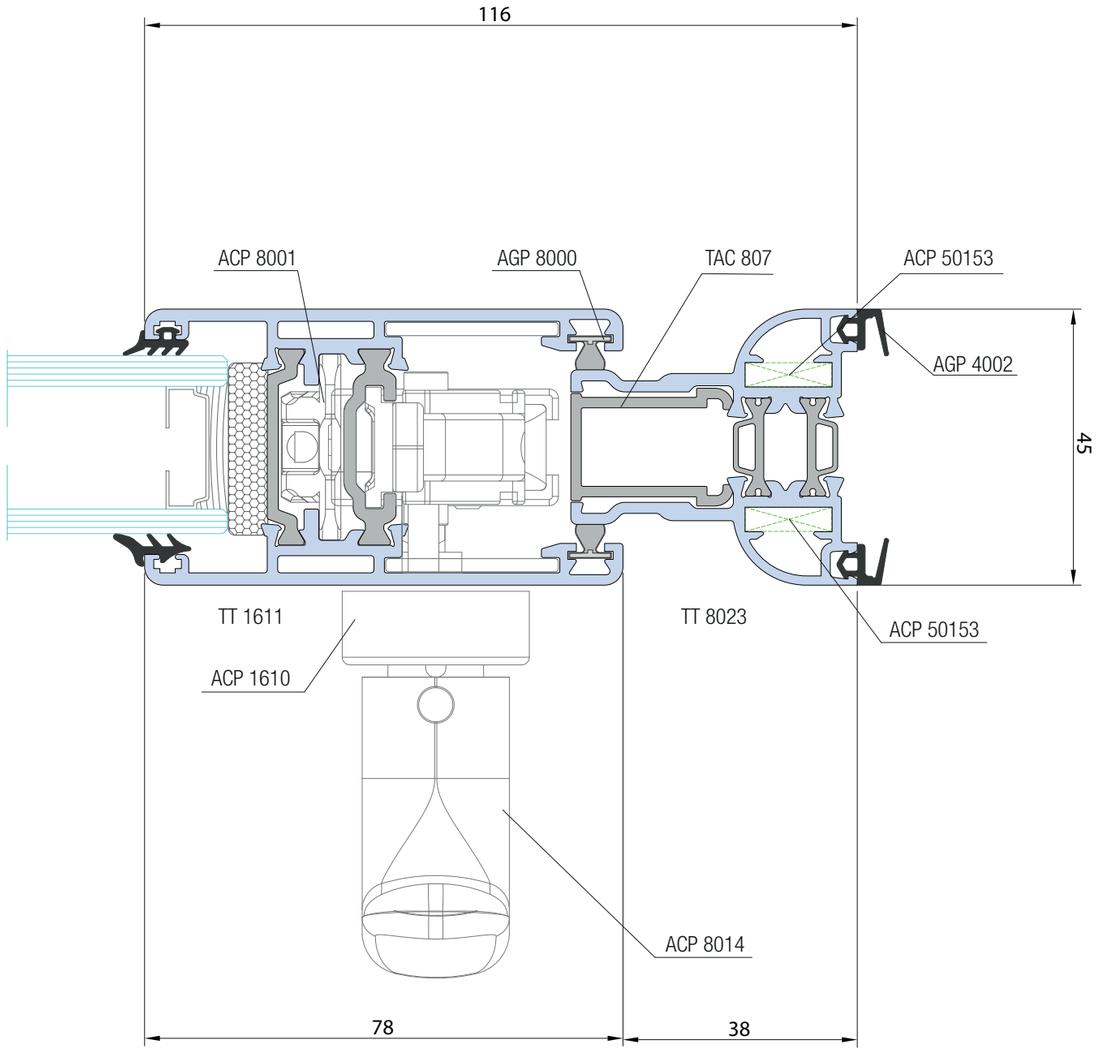
Wall section -1-rail



Nodo 47

Nodo laterale - monorotaia - versione alzante

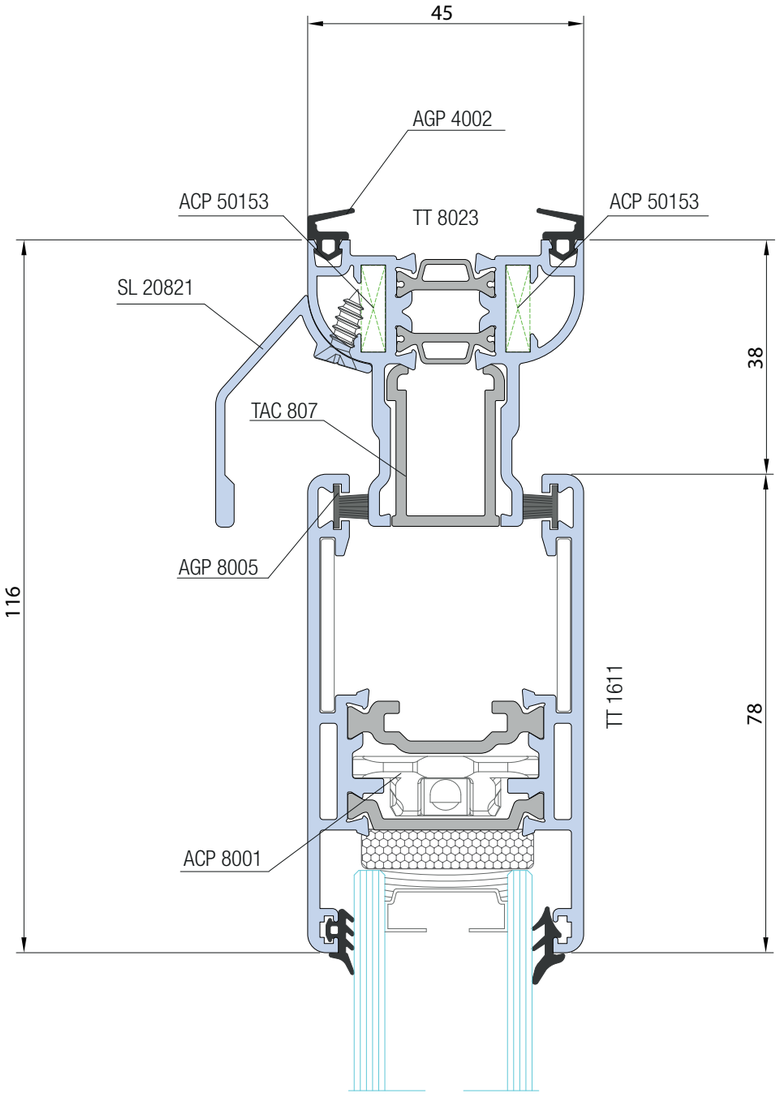
Lateral section - 1-rail - lift&slide window



Nodo 48

Nodo superiore - monorotaia - verione scorrevole

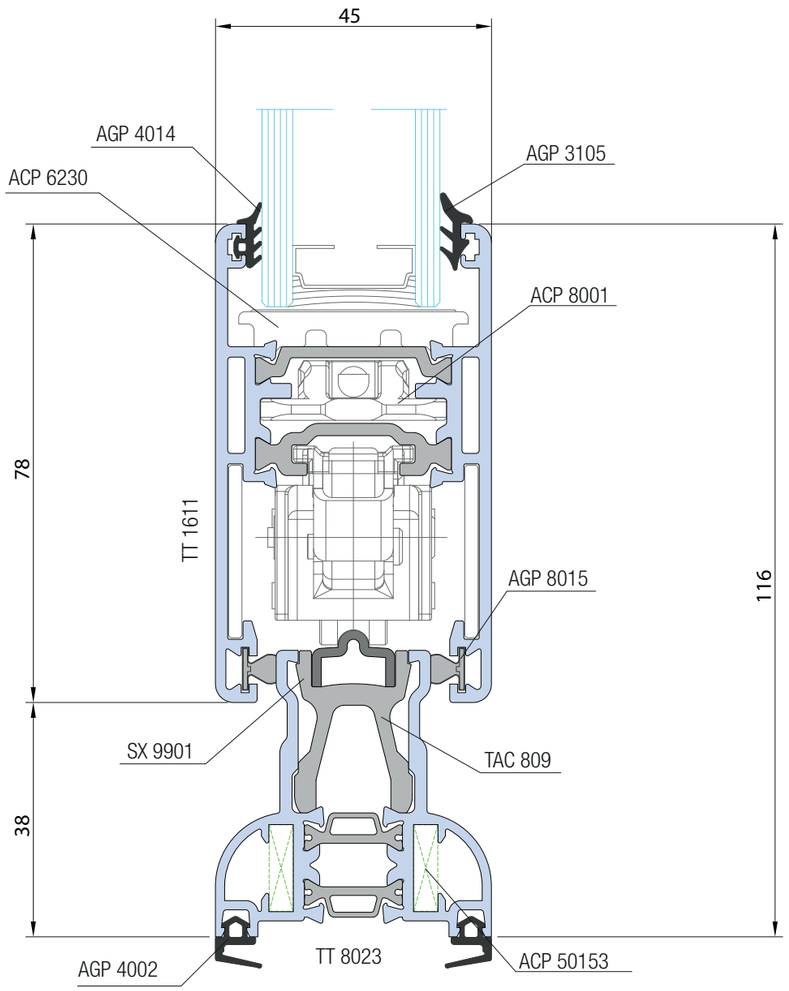
Top section -1-rail - slide window



Nodo 49

Nodo inferiore - monorotaia - versione alzante

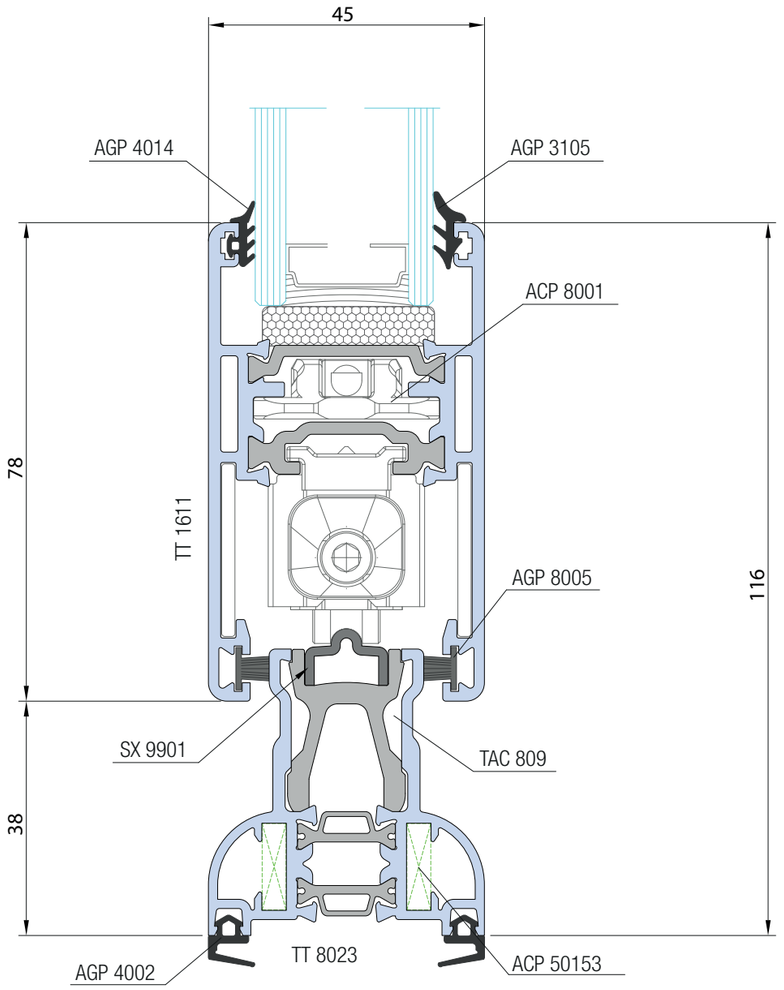
Bottom section - 1-rail - lift&slide window



Nodo 50

Nodo inferiore - monorotaia - verione scorrevole

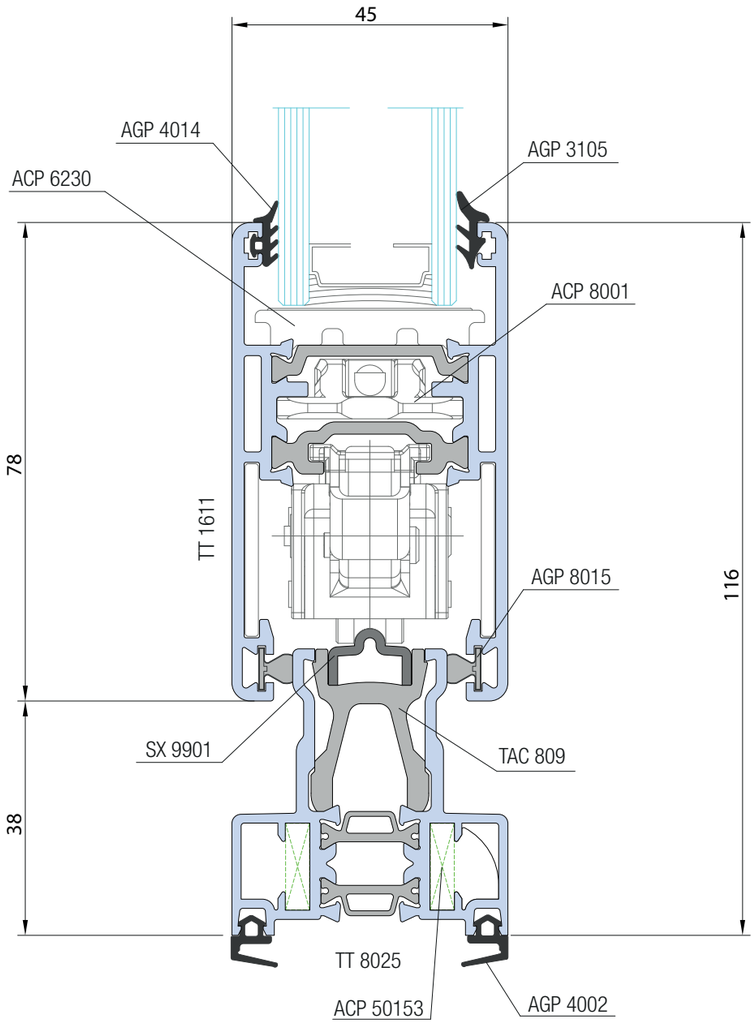
Bottom section - 1-rail - slide window



Nodo 51

Nodo inferiore - monorotaia - versione alzante

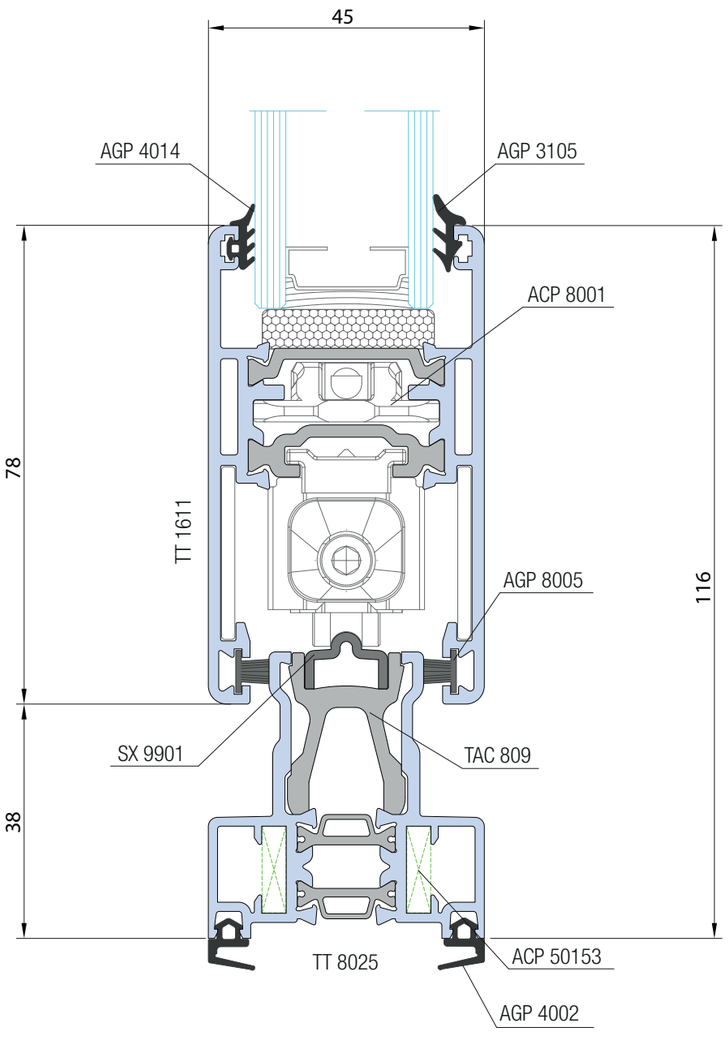
Bottom section - 1-rail - lift&slide window



Nodo 52

Nodo inferiore - monorotaia - verione scorrevole

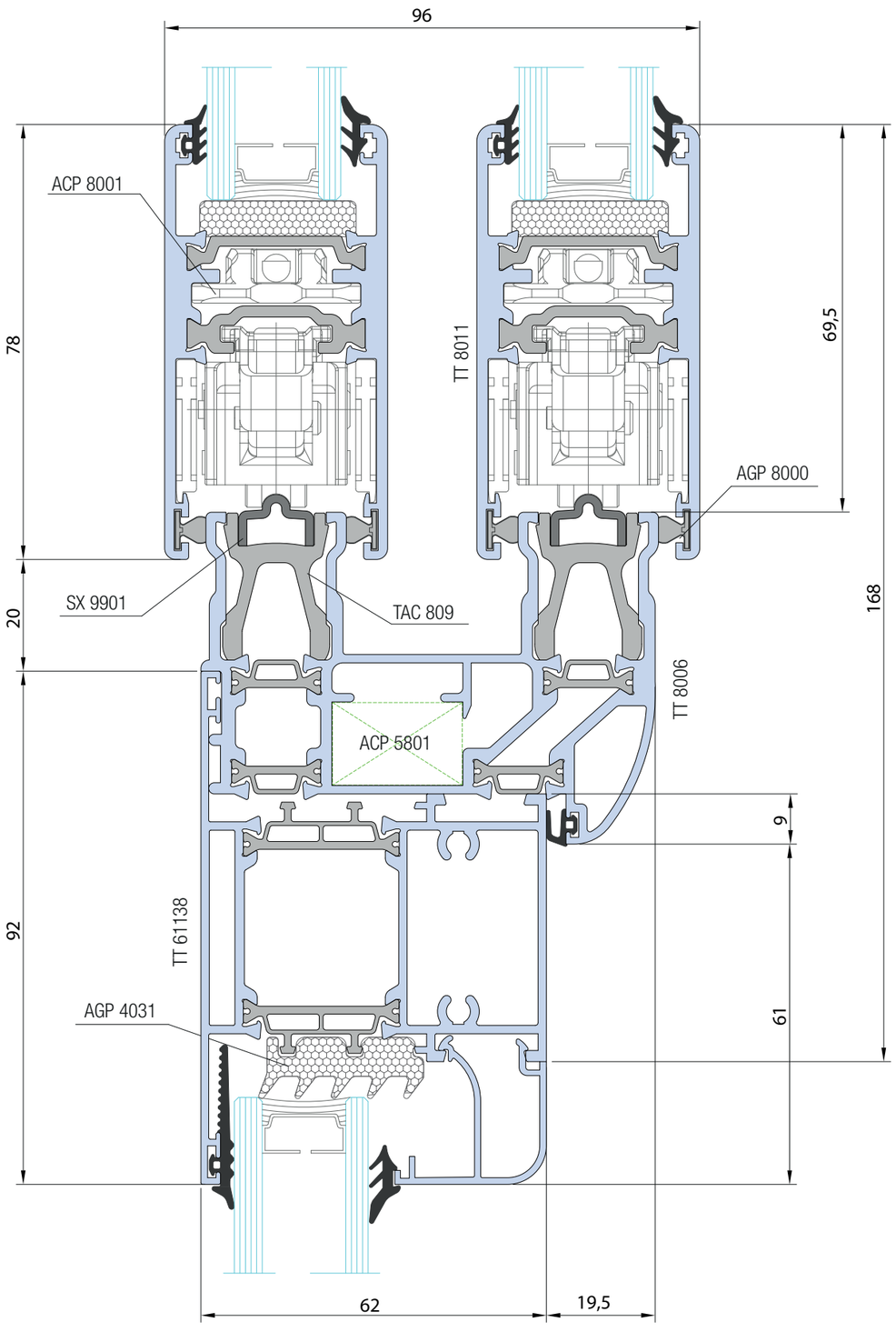
Bottom section - 1-rail - slide window



Nodo 53

Nodo abbinamento Planet 62TT - versione alzante

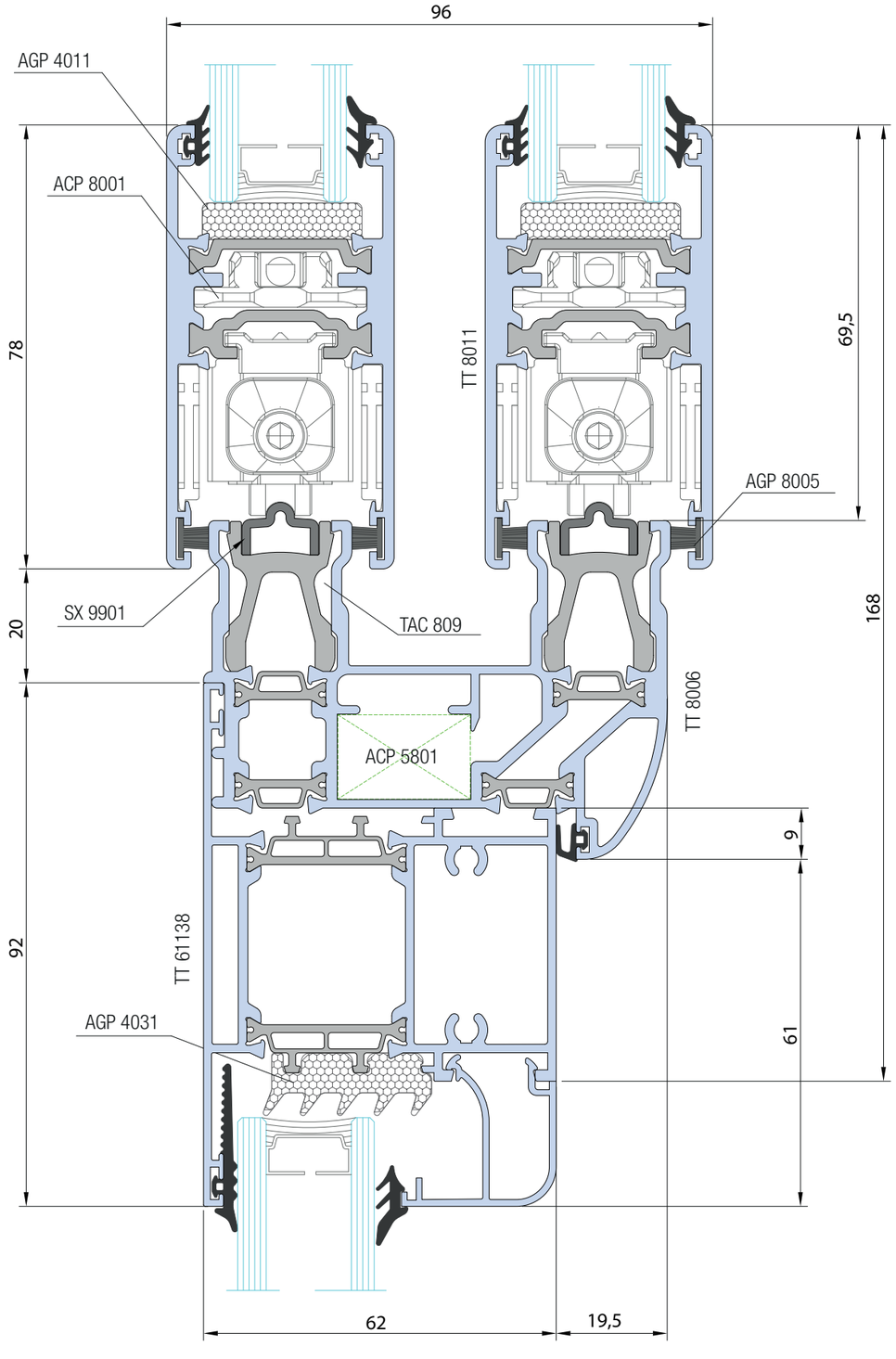
Section combined with Panet 62TT - lift&slide window



Nodo 54

Nodo abbinamento Planet 62TT - verione scorrevole

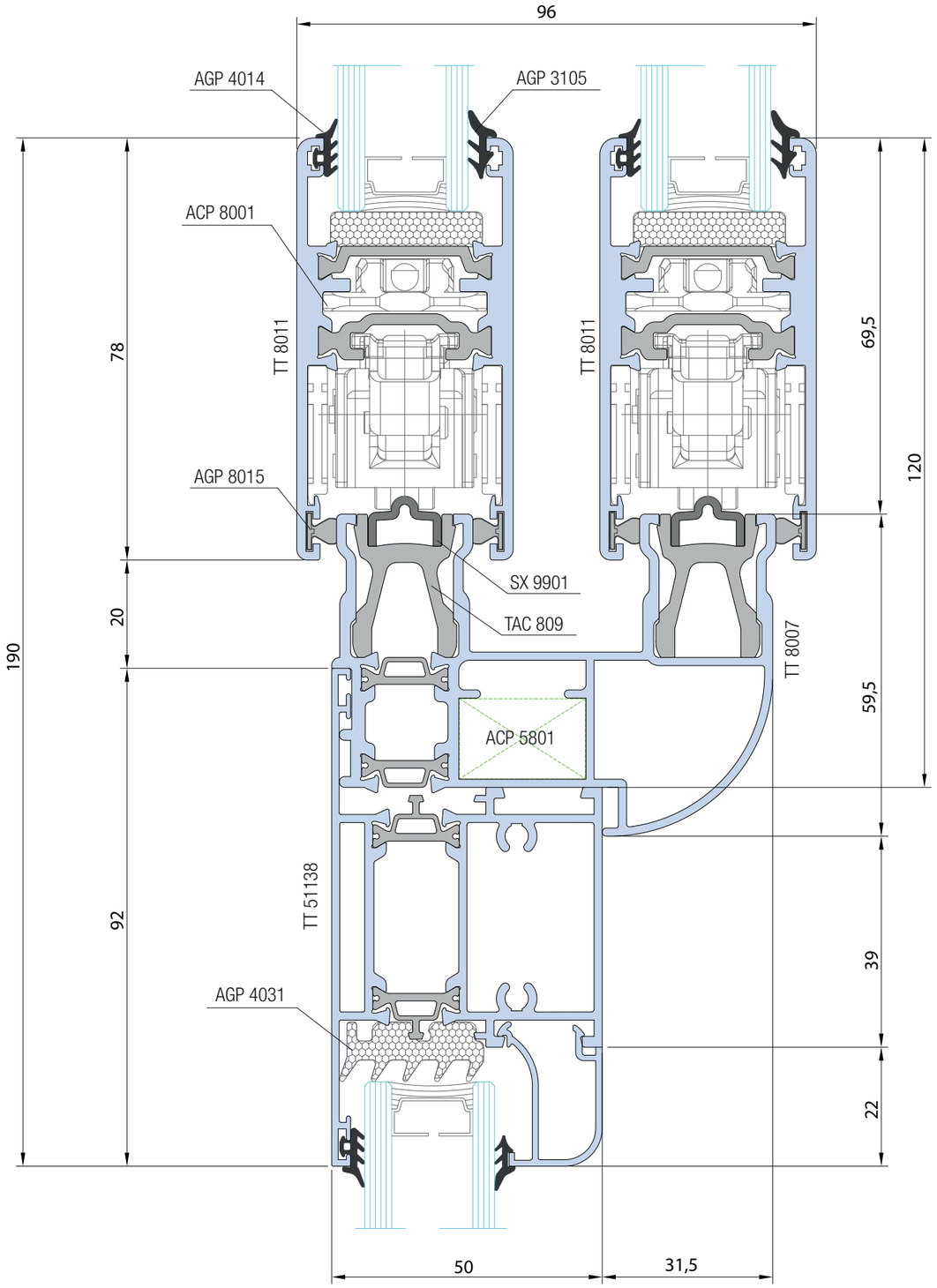
Section combined with Planet 62TT - slide window



Nodo 55

Nodo abbinamento Planet 50TT - versione alzante

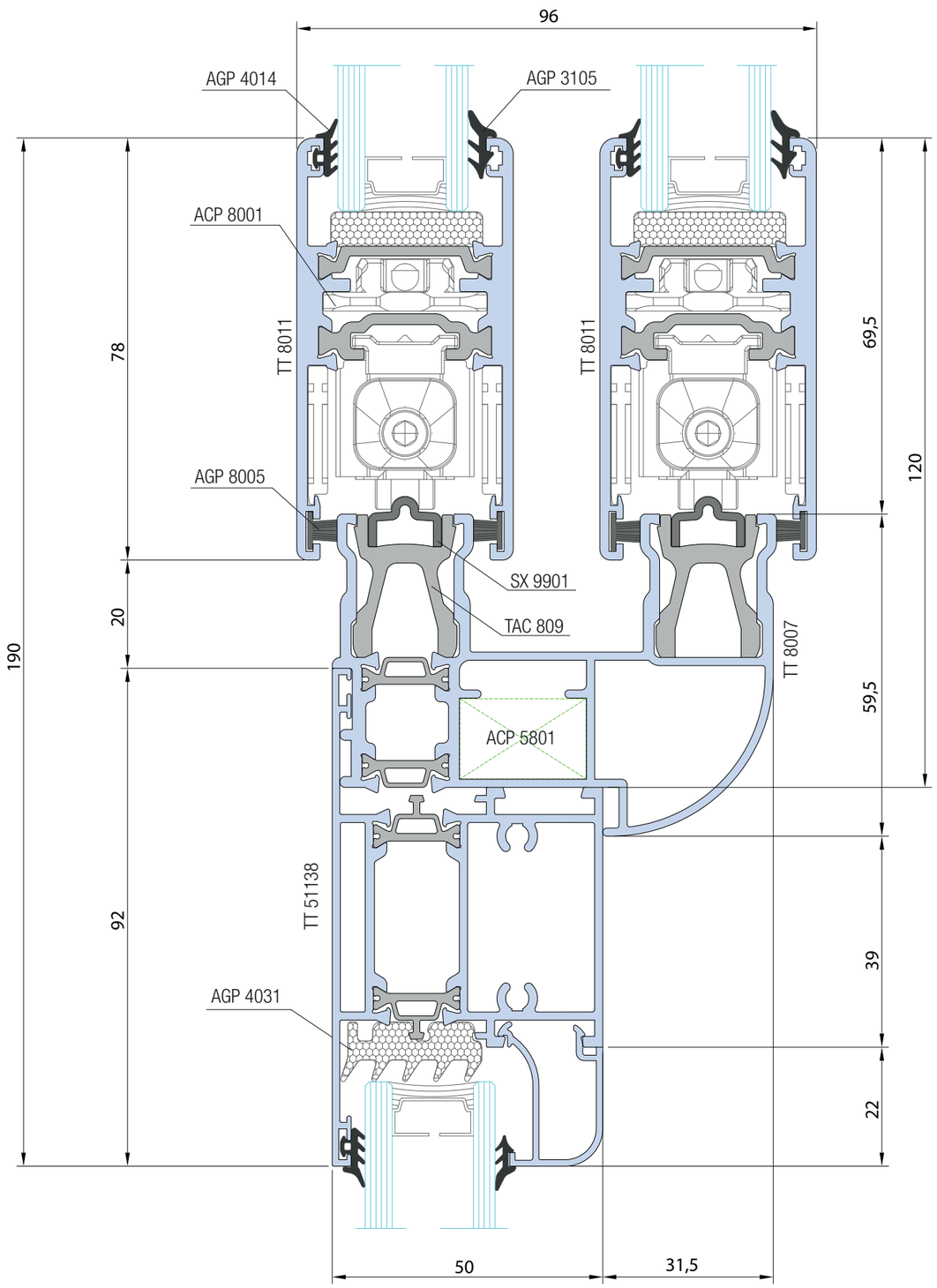
Section combined with Panet 50TT - lift&slide window



Nodo 56

Nodo abbinamento Planet 50TT - versione scorrevole

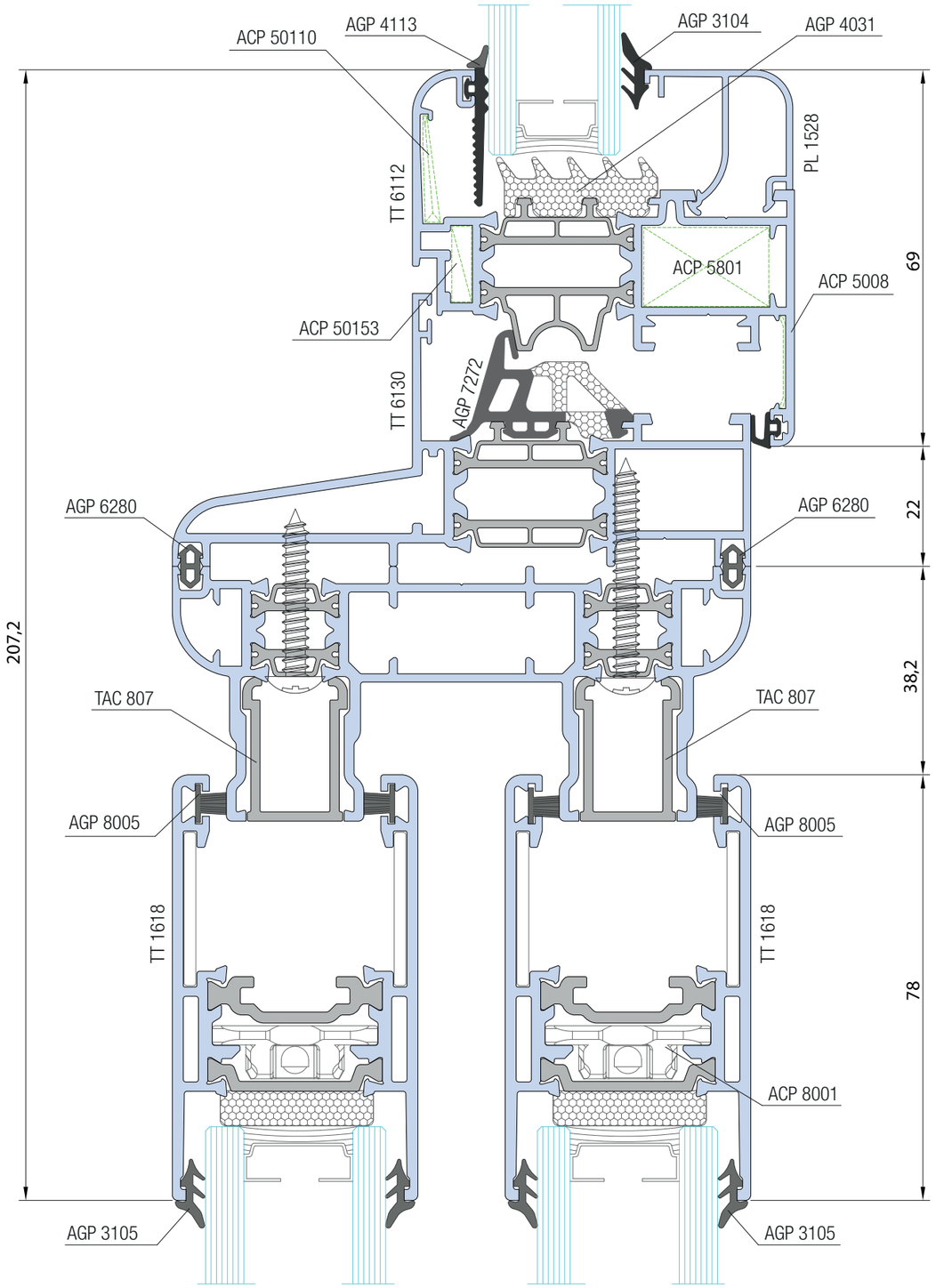
Section combined with Panet 50TT - slide window



Nodo 57

Nodo abbinamento serie Slide 106 - anta da 45mm

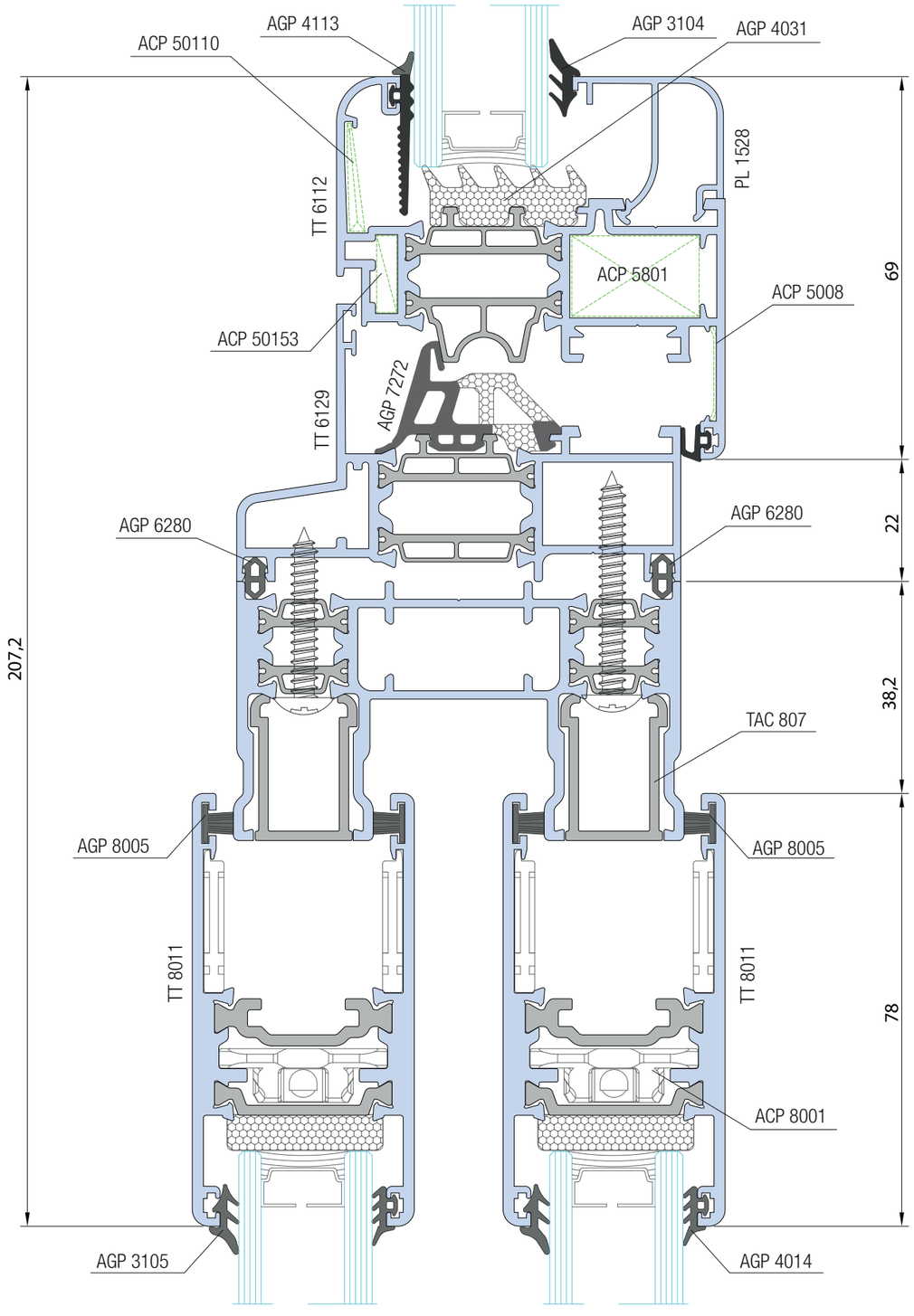
Section combined with Slide106 - 45mm sash



Nodo 58

Nodo abbinamento serie Slide 106 - anta da 40mm

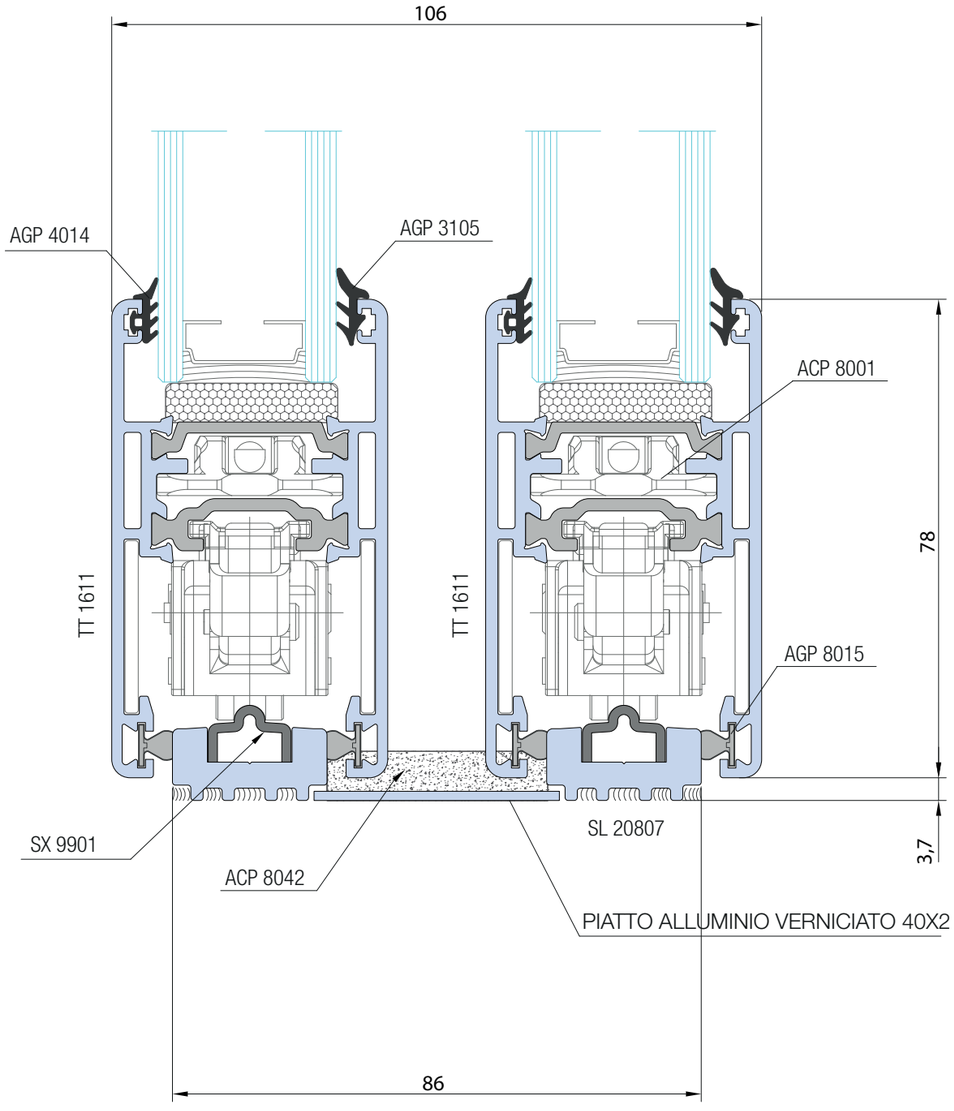
Section combined with Slide106 - 45mm sash



Nodo 59

Nodo inferiore - soglia ribassata - anta da 45mm - versione alzante

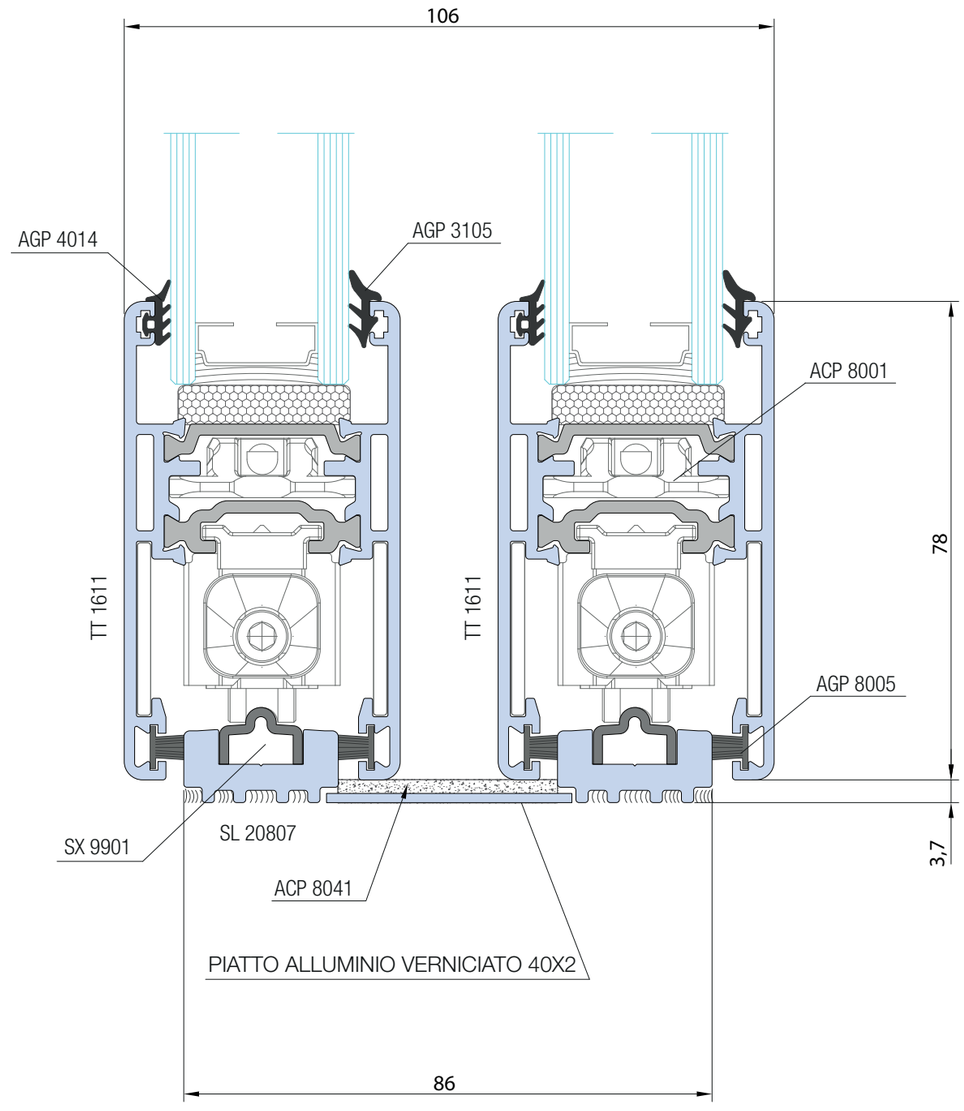
Bottom section - low threshold - 45mm sash - lift&slide window



Nodo 60

Nodo inferiore - soglia ribassata - anta da 45mm - versione scorrevole

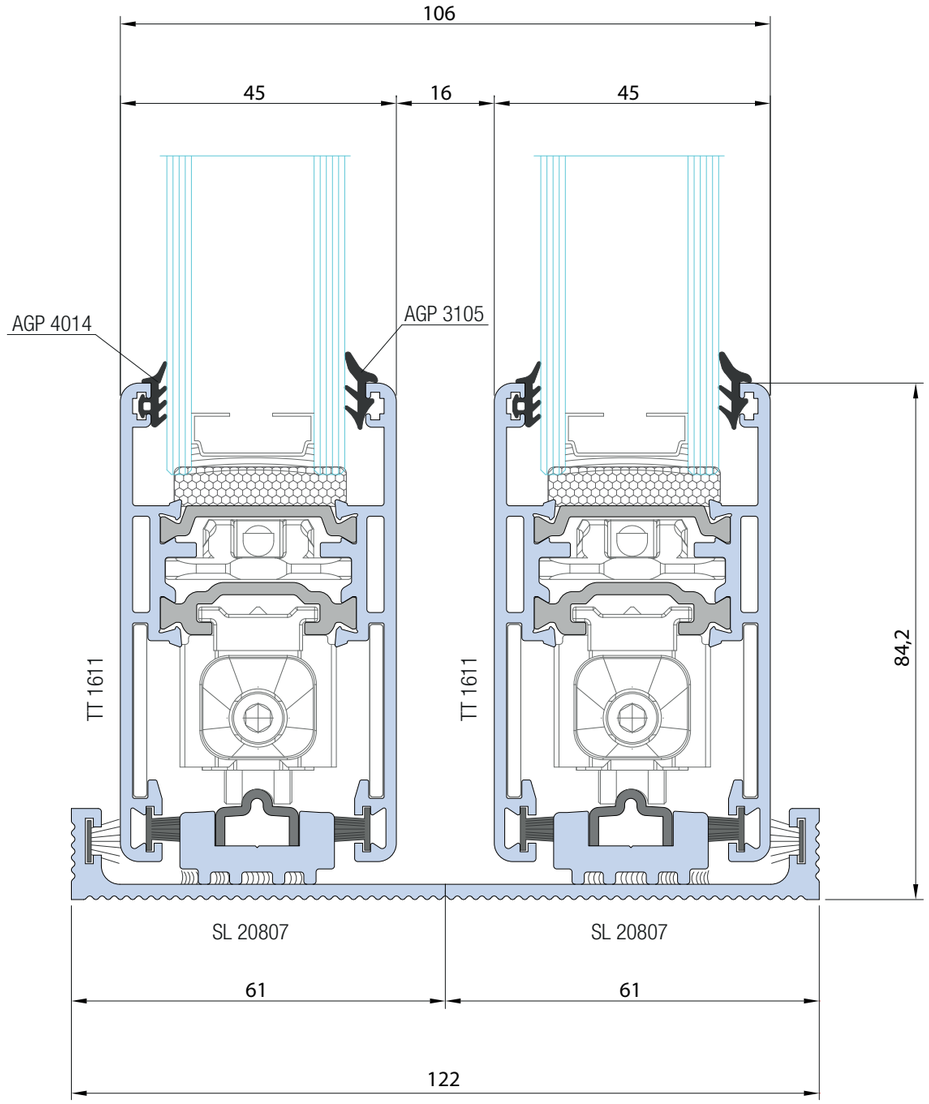
Bottom section, low threshold, 45mm sash - slide window



Nodo 61

Nodo inferiore - soglia ribassata filo pavimento - anta da 45mm - versione scorrevole

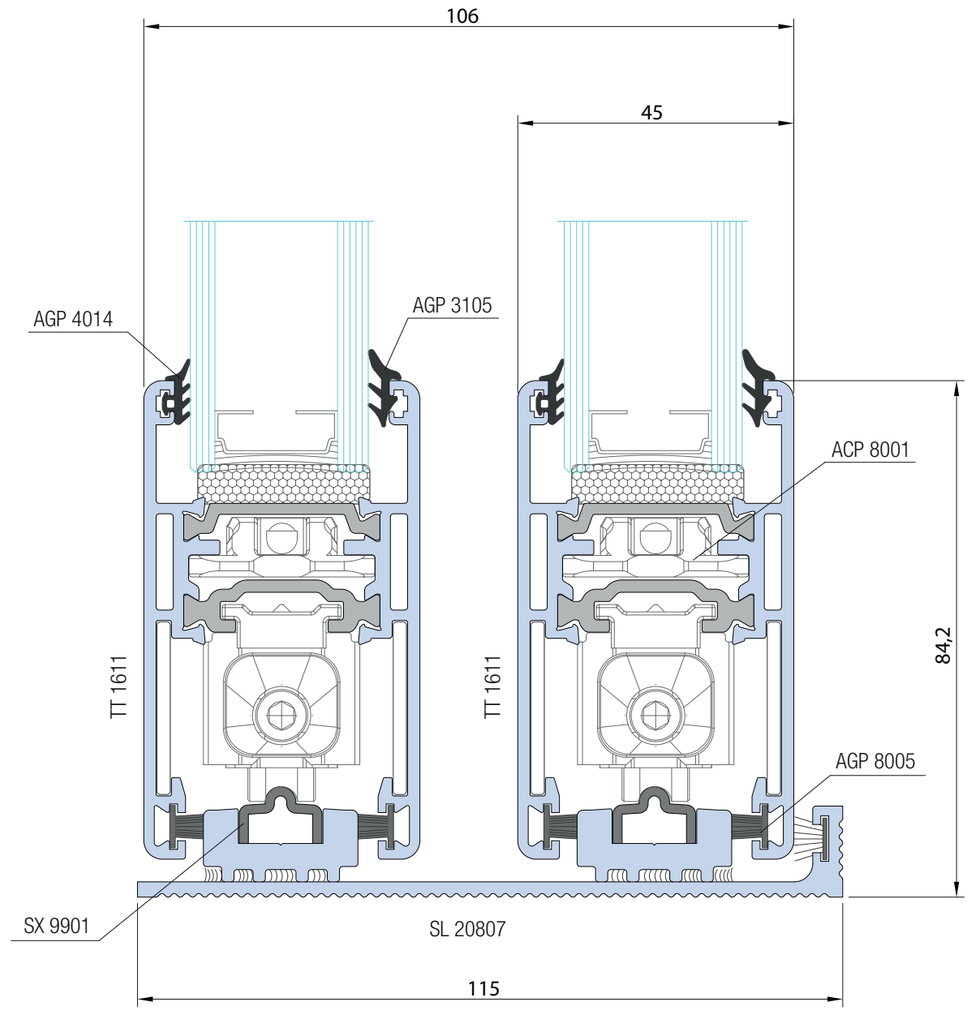
Bottom section - low threshold - 45mm sash - slide window



Nodo 62

Nodo inferiore - soglia ribassata,interno filo pavimento/esterno rialzato - anta da 45mm

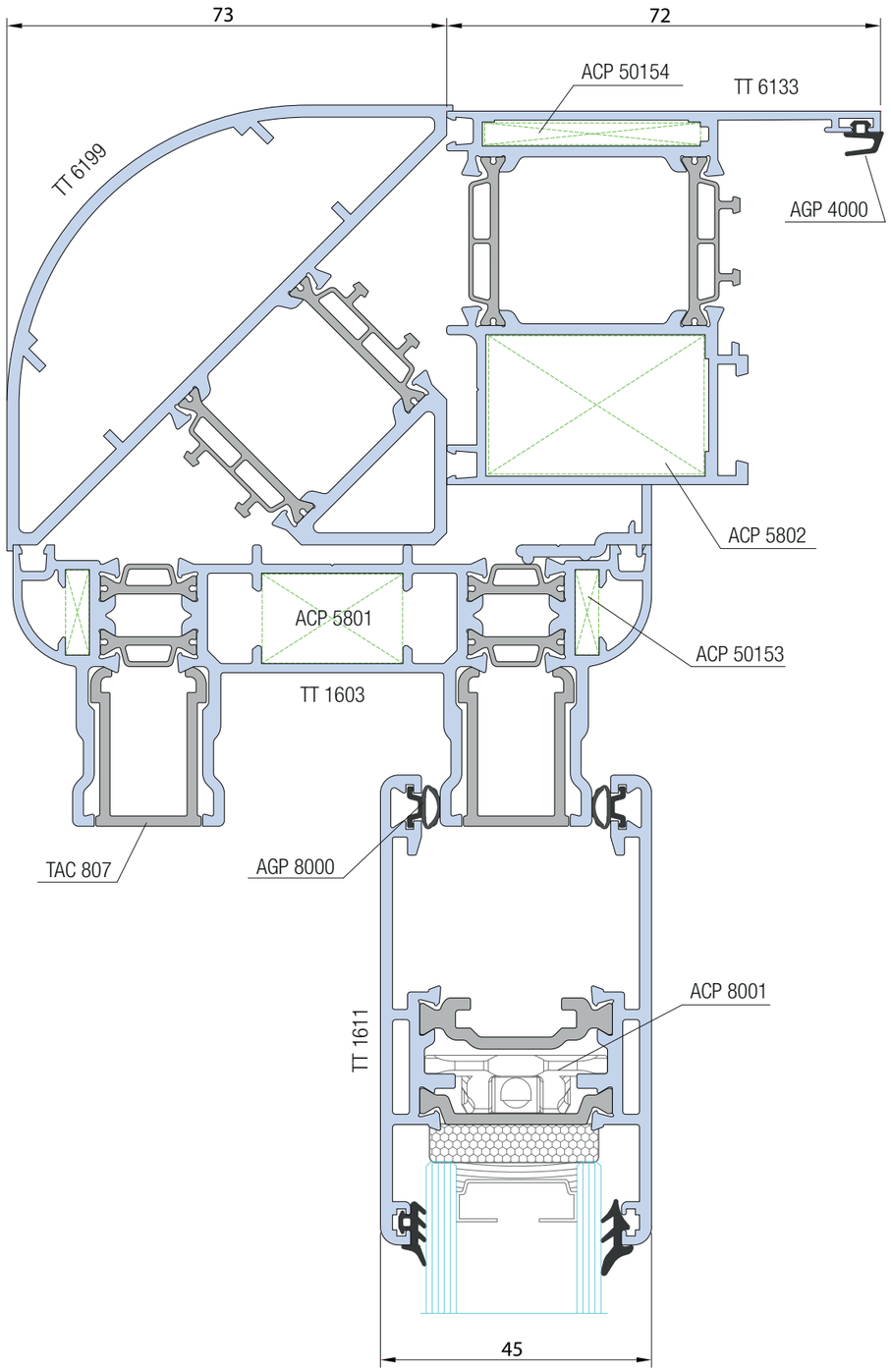
Bottom section - floor threshold, flush floor inside/raised outside - 45mm sash



Nodo 61

Nodo d'angolo - abbinamento Planet 62TT - anta da 45mm

Corner section - combined with Planet 62TT- 45mm sash



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

	punzonatrice *punching machine*		pantografo / fresa /centro di lavoro *pantograph / cutter / working center*

MCT PL JOLLY

Questa punzonatrice esegue lavorazioni squadretta per le serie Planet 45,50TT,62TT,Natura,Matic,Elite Door e Slide
- Foro Ø3 o da Ø 4 per squadrette esterne
- Foro Ø 8 o Ø10 per squadretta interna
- Areazione anta*
- Foro cavallotto Ø 8 e Ø 10

*Sono esclusi dalla lavorazione i seguenti profili: TT51212, TT51217, TT61212, TT61217, PL2857, PL2018,PL2051.

Punching machine for making corner cleat hole for series Planet 45, 50, 62TT, Nathura, Matic, Elite Door, Slide
- *Ø3 or Ø4 hole for external corner cleat*
- *Ø8 or Ø10 hole for inner corner cleat*
- *Sash ventilation**
- *Foro cavallotto Ø 8 e Ø 10*

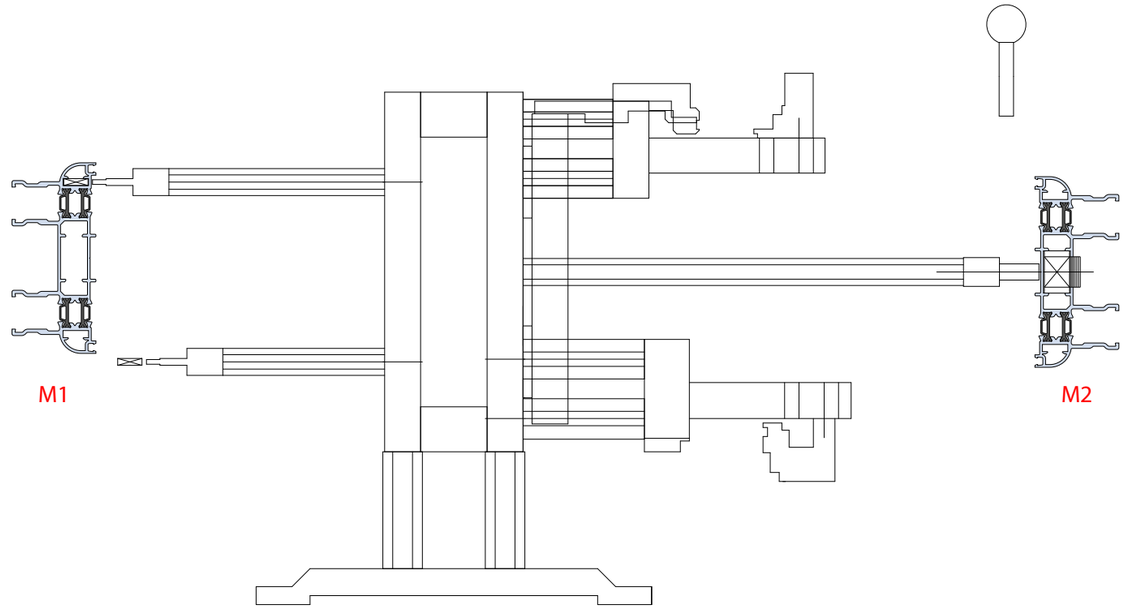
**This profiles are excluded from this Working TT51212, TT51217, TT61212, TT61217, PL2857, PL2018, PL2051.*

MCT PL 14459

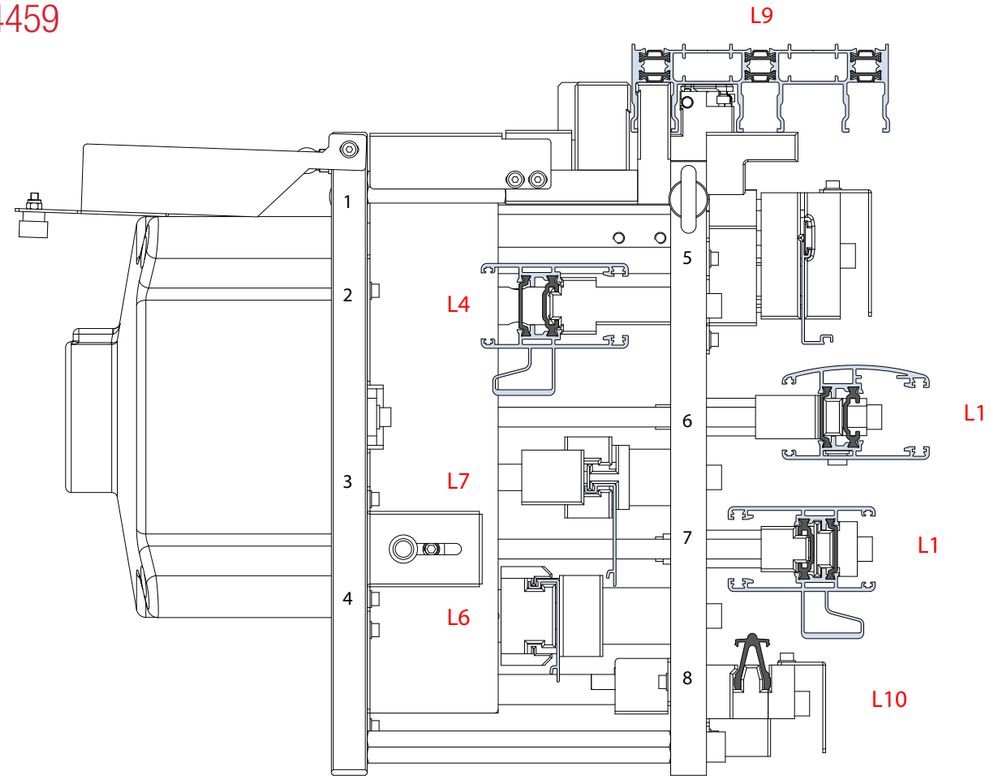
Questa punzonatrice esegue le seguenti lavorazioni:
- Lavorazioni squadretta su anta
- Spuntatura alette
- Passaggio binario
- Scasso riporto centrale
- Alloggiamento tappo versione alzante
- Scarico acqua su telaio
- Scarico acqua su binario

This punching machine makes the following Workings:
- *corner cleat on sash*
- *wing trimming*
- *rail passage*
- *astragal hole*
- *Plug slot, lift&slide type*
- *weater drain on frame*
- *water drain on rail*

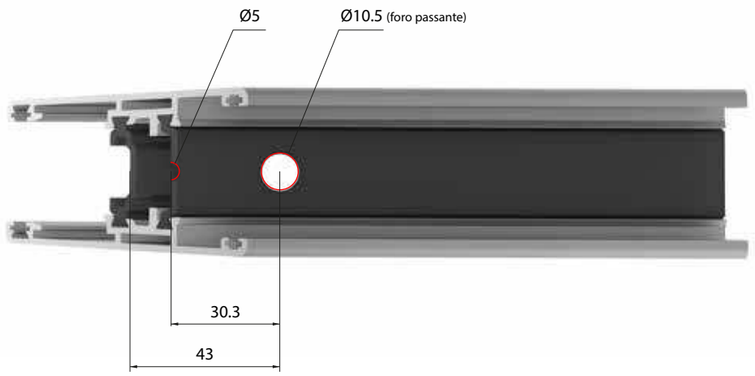
MCT PL JOLLY

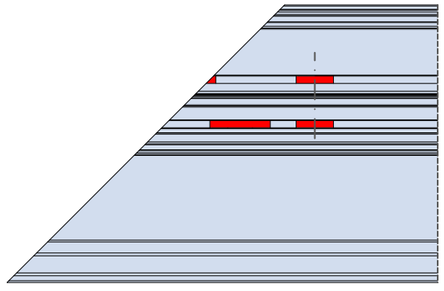


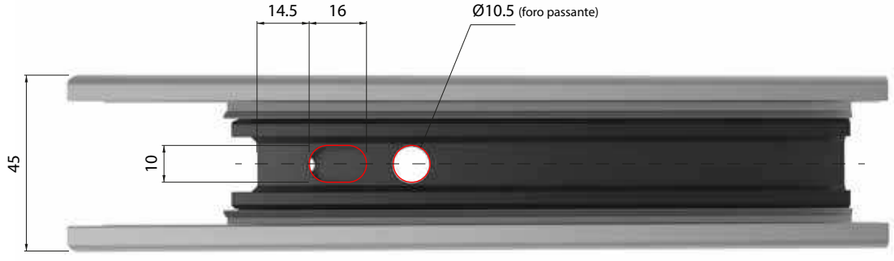
MCT PL 14459



L1
Lavorazione squadretta su anta
Ø10.5 Hole +16x10 slot for fixing corner cleat





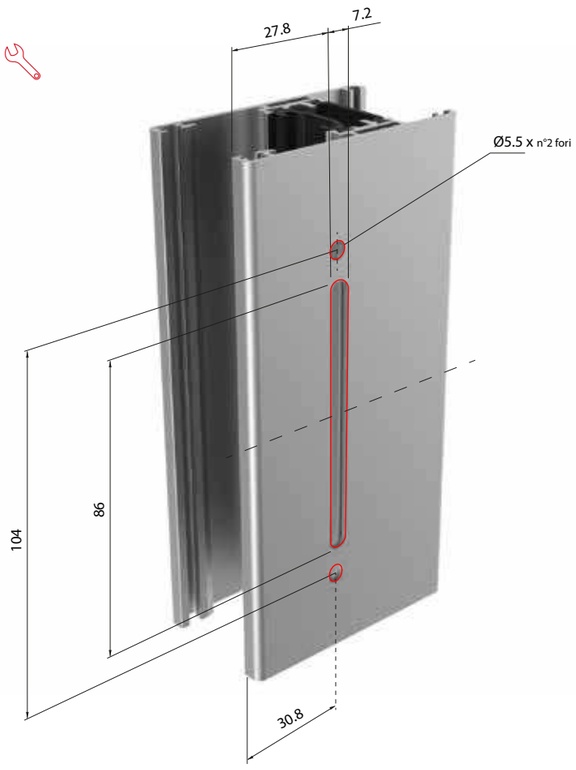


Processing on

Lavorazione da effettuare su profili ante

TT 1611
TT 1612
TT 1616
TT 1617
TT 1618
TT 8011
SL 20811

L2
Lavorazione cremonese
Cremonese working

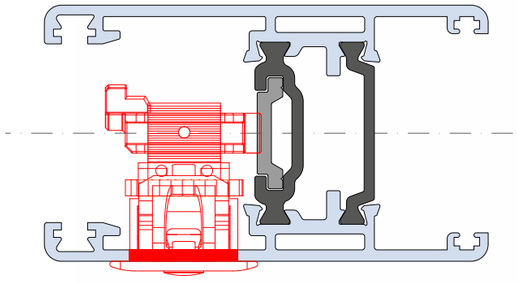


Processing on

Lavorazione da effettuare su profili ante

TT 1611
TT 1612
TT 1616
TT 1617
TT 1618
TT 8011
SL 20811

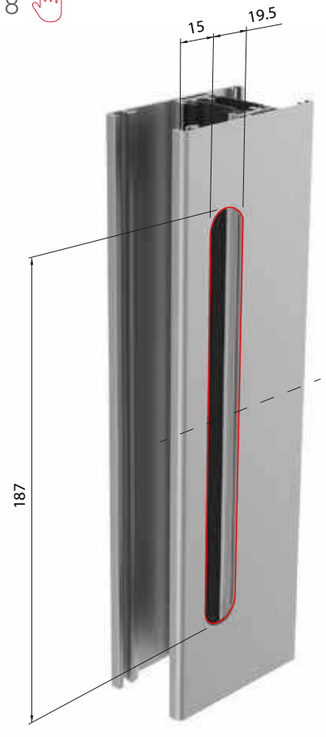
L3
Lavorazione maniglia incasso ACP 8009 / ACP 8011 / ACP 8018
Recess handle ACP 8009 / ACP 8011 / ACP 8018



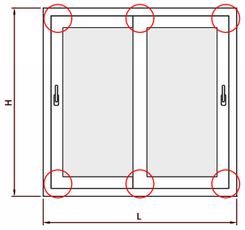
Processing on

Lavorazione da effettuare su profili ante

TT 1611
TT 1612
TT 1616
TT 1617
TT 1618
TT 8011
SL 20811



L4
Lavorazione spuntatura alette
Trim profile

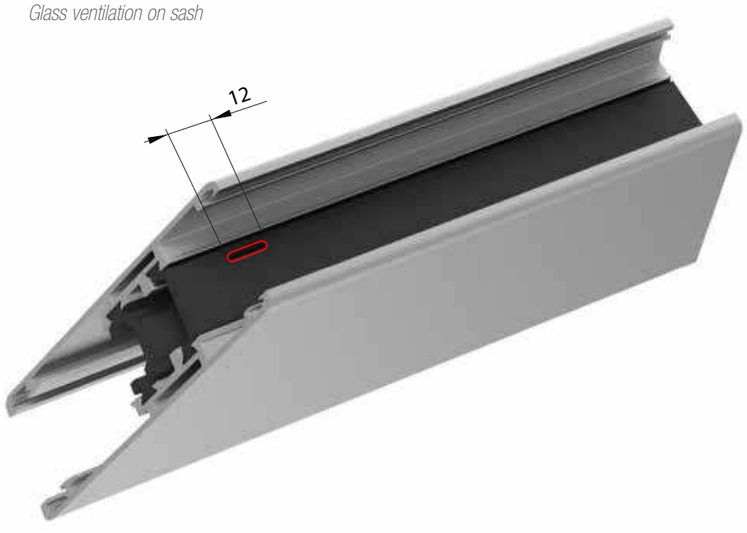


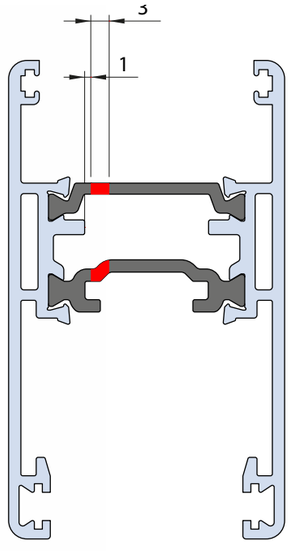
Processing on

Lavorazione da effettuare su profili ante

TT 1611
TT 1612
TT 1616
TT 1617
TT 1618
TT 8011
SL 20811

L5
Lavorazione areazione vano vetro su anta
Glass ventilation on sash



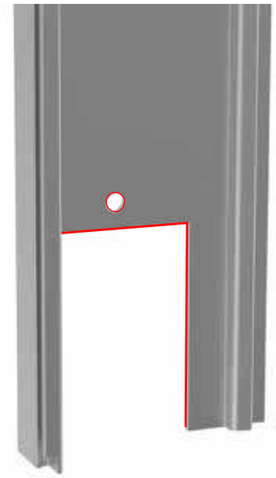


Processing on

Lavorazione da effettuare su profili ante

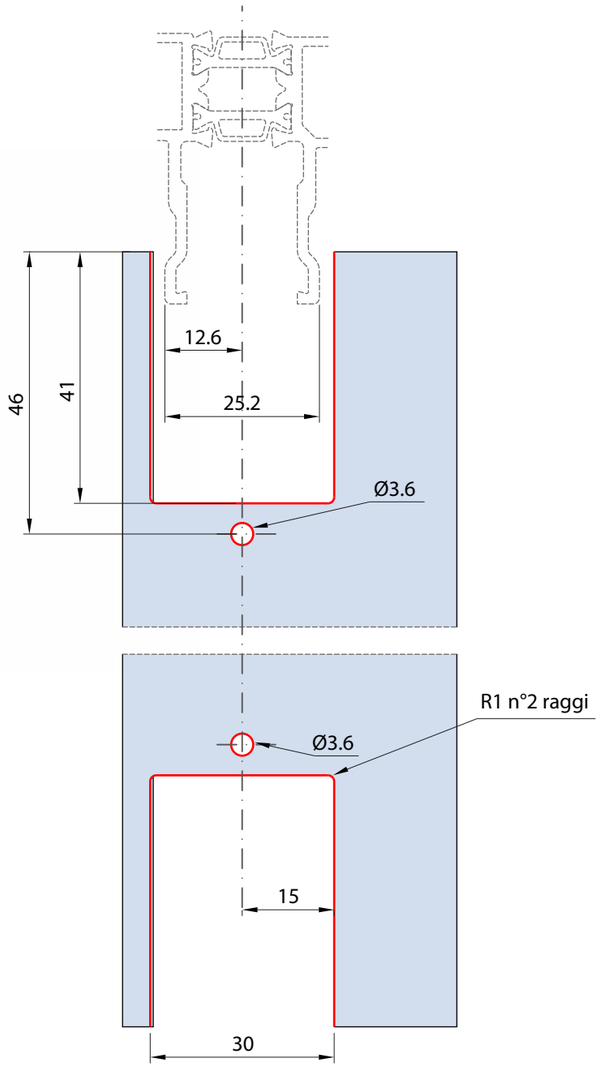
TT 1611 TT 1617 SL 20811
TT 1612 TT 1618
TT 1616 TT 8011

L6
Lavorazione n°1 passaggio binario
Working n°1, rail passage



questa lavorazione va effettuata sia per la versione scorrevole che per la versione alzante

this working has to be made on both slide and lift&slide type

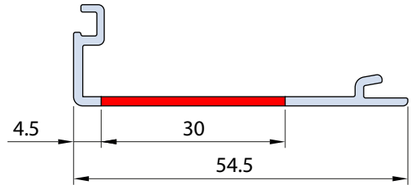


Processing on

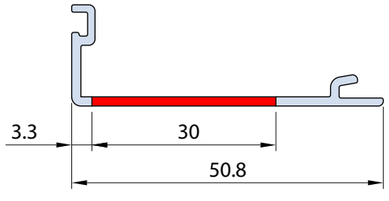
Lavorazione da effettuare su profili ante

SL 20813
SL 20814

anta da 45mm



anta da 40mm

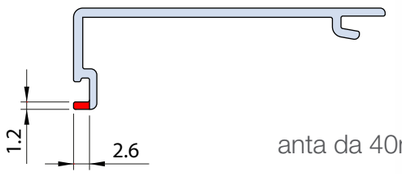


L7

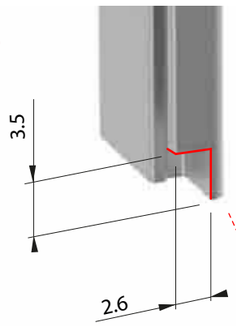
Lavorazione n°2 passaggio binario

Working n°2, rail passage

anta da 45mm



anta da 40mm



Processing on

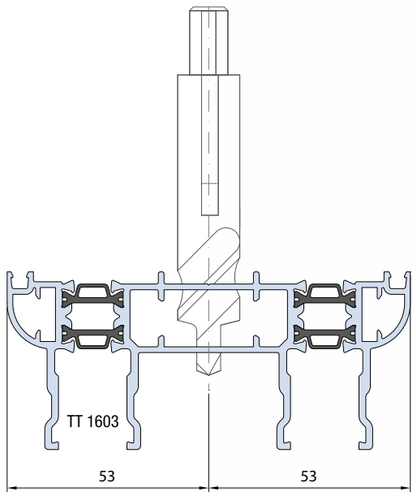
Lavorazione da effettuare su profili ante

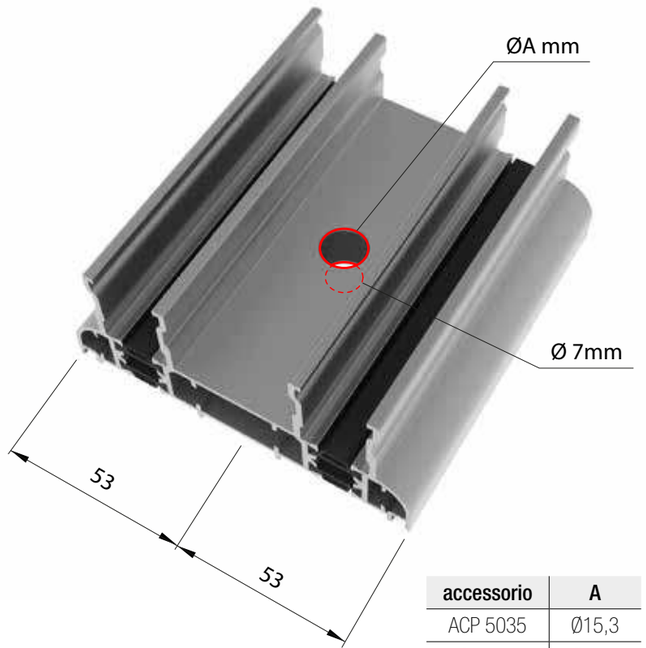
SL 20813
SL 20814

L8

Lavorazione regolo a muro

Wall spacer working





accessorio	A
ACP 5035	Ø15,3
ACP 5036	Ø16,3

Processing on

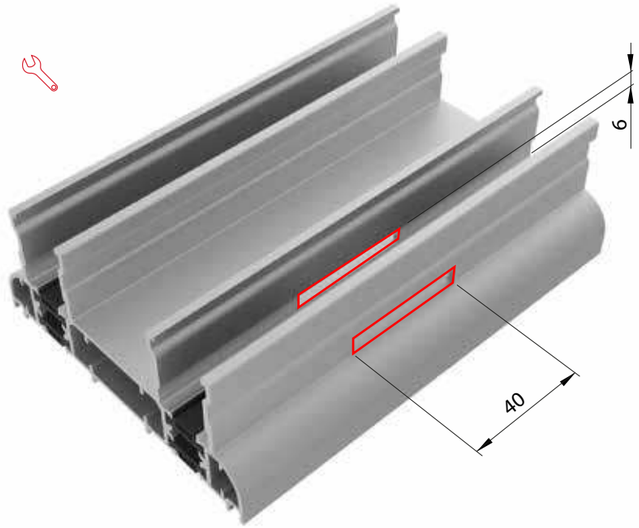
Lavorazione da effettuare su profili telai

TT 1602 TT 1608 TT 1635 TT 8002
TT 1603 TT 1609 TT 1637 TT 8008
TT 1605 TT 1610 TT 1642 TT 8009
TT 1606 TT 1633 TT 1643 TT 8033 SL 20803

L9

Lavorazione asola scarico acuqa su telaio

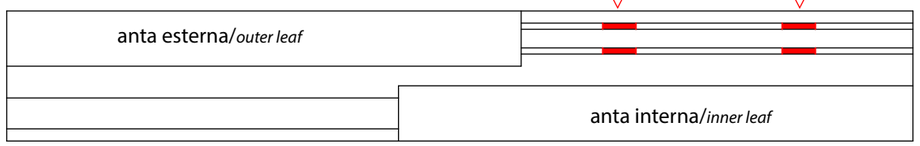
Working hole for water drain on frame



Processing on

Lavorazione da effettuare su profili telai

TT 1602 TT 1610 TT 8002
TT 1603 TT 1633 TT 8008
TT 1605 TT 1635 TT 8009
TT 1606 TT 1637 TT 8033
TT 1608 TT 1642 SL 20803
TT 1609 TT 1643

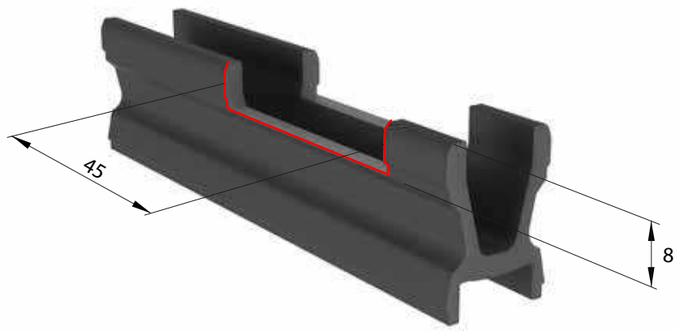


pianta della finestra con indicato dove realizzare le lavorazioni

L10

Lavorazione asola scarico acqua su binario TAC 809

Working hole for water drain on rail TAC 809



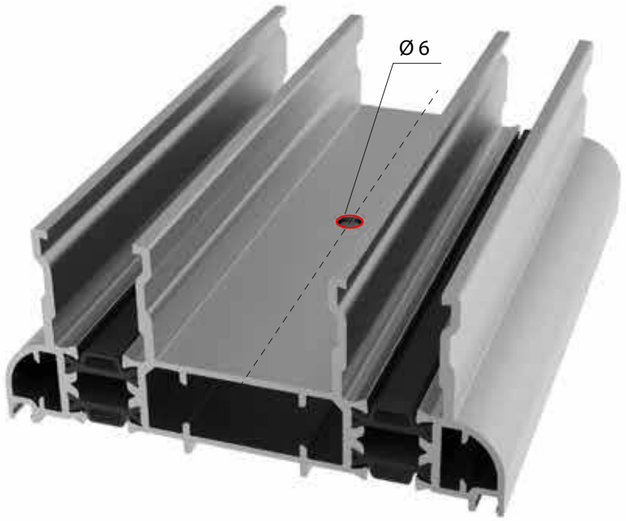
L11

Lavorazione scarico condensa su telaio

Condensation empty on frame

Nel foro applicare la boccola ACP 8040

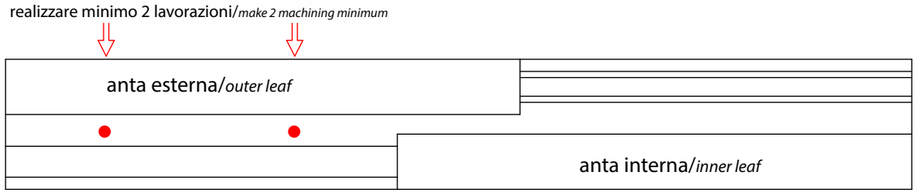
In the hole, insert ACP 8040



Processing on

Lavorazione da effettuare su profili telai

TT 1602 TT 1610 TT 8002
TT 1603 TT 1633 TT 8008
TT 1605 TT 1635 TT 8009
TT 1606 TT 1637 TT 8033
TT 1608 TT 1642 SL 20803
TT 1609 TT 1643



pianta della finestra con indicato dove realizzare le lavorazioni

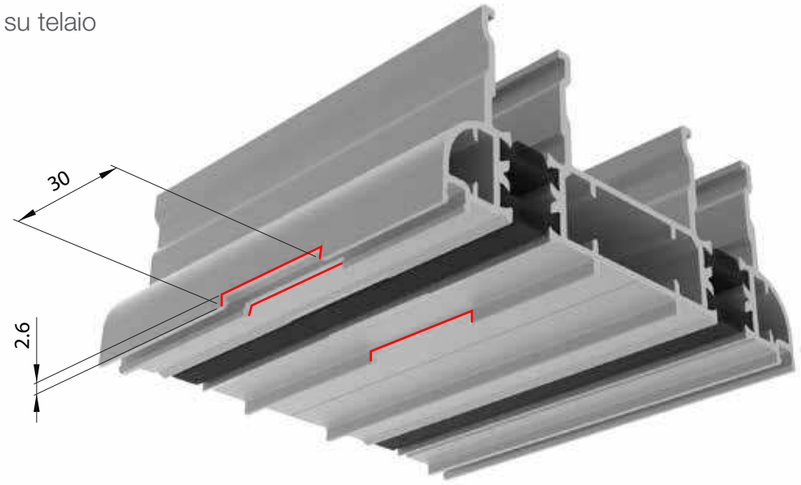
L12

Lavorazione scarico condensa su telaio

Condensation empty on frame

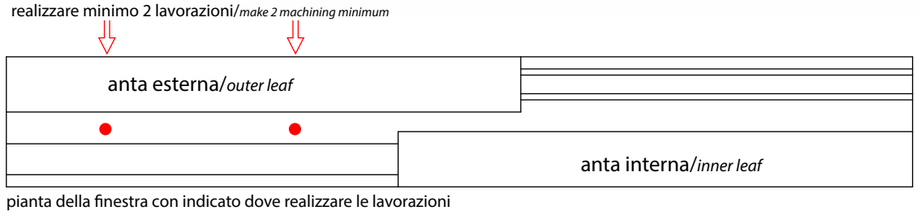
Praticare una sigillatura,
oppure utilizzare una guaina butilica
sotto la soglia, per evitare infiltrazioni

seal or use a sheath under
the threashold, ti evade seepage



realizzare le fresature in corrispondenza dei fori praticati sulla tubolarità del telaio (VEDI LAV.18)

milling where there are cavity holes. check machining 18

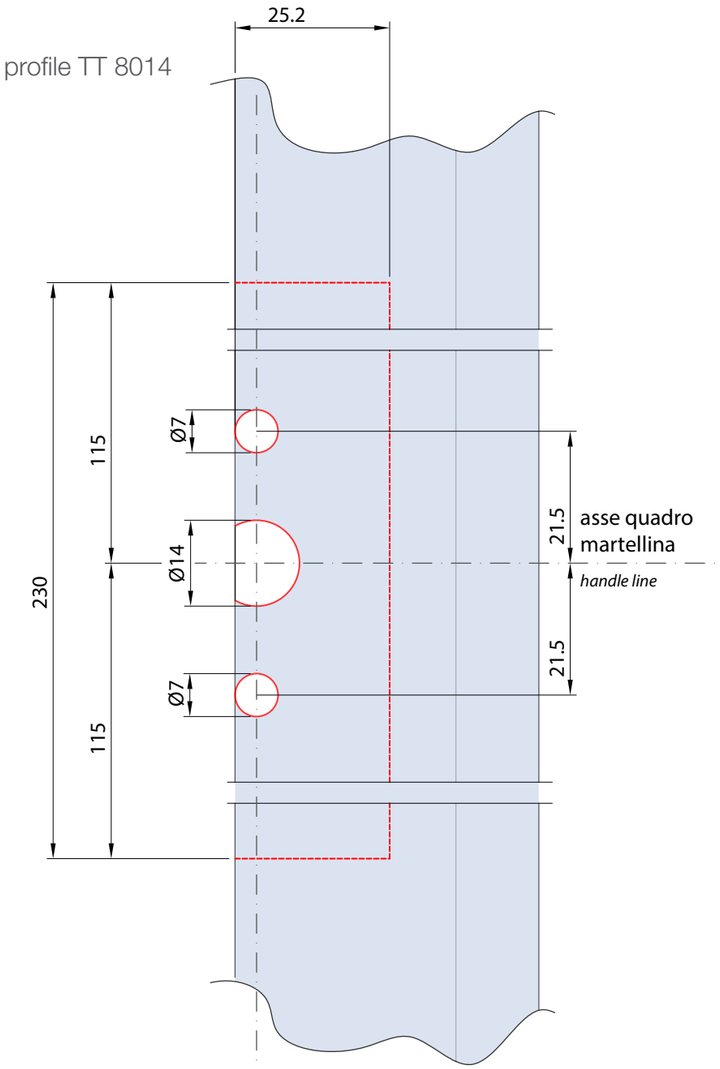


pianta della finestra con indicato dove realizzare le lavorazioni

L13

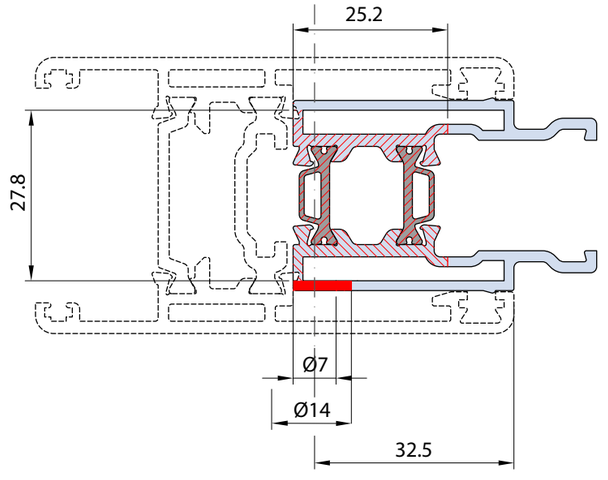
Lavorazione movimentazione martellina su profile TT 8014

Working handle movement on TT8014



Questa lavorazione va effettuata
solo per la versione alzante

this working has to be
made only on lift&slide type



Processing on

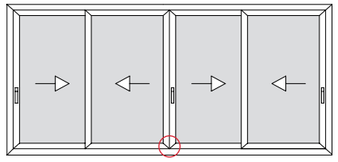
Lavorazione da effettuare su profili telai

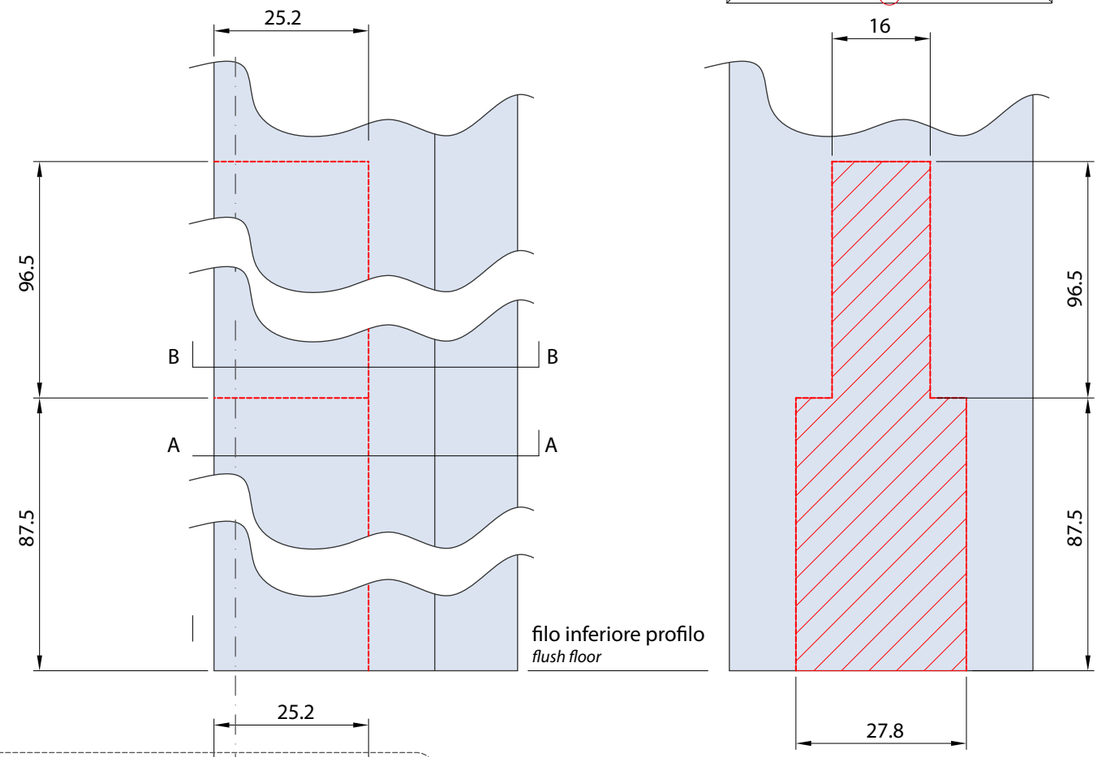
TT 8014

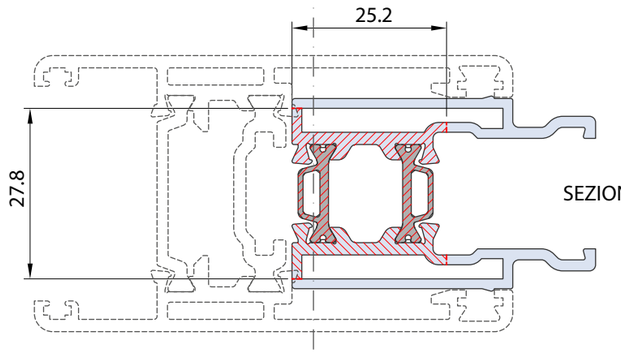
L14

Lavorazione movimentazione martellina su profilo TT 8014

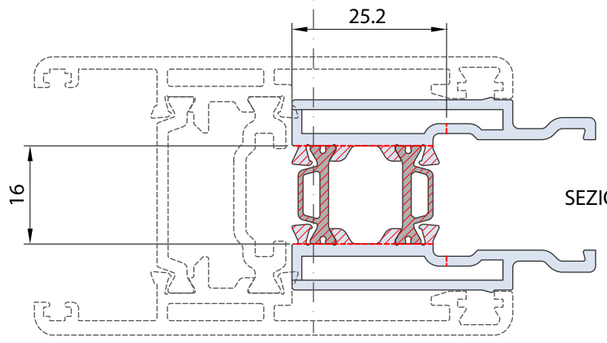
Working handle movement on TT 8014







SEZIONE A-A



SEZIONE B-B

Questa lavorazione va effettuata solo per la versione alzante

this working has to be made only on lift&slide type

Processing on

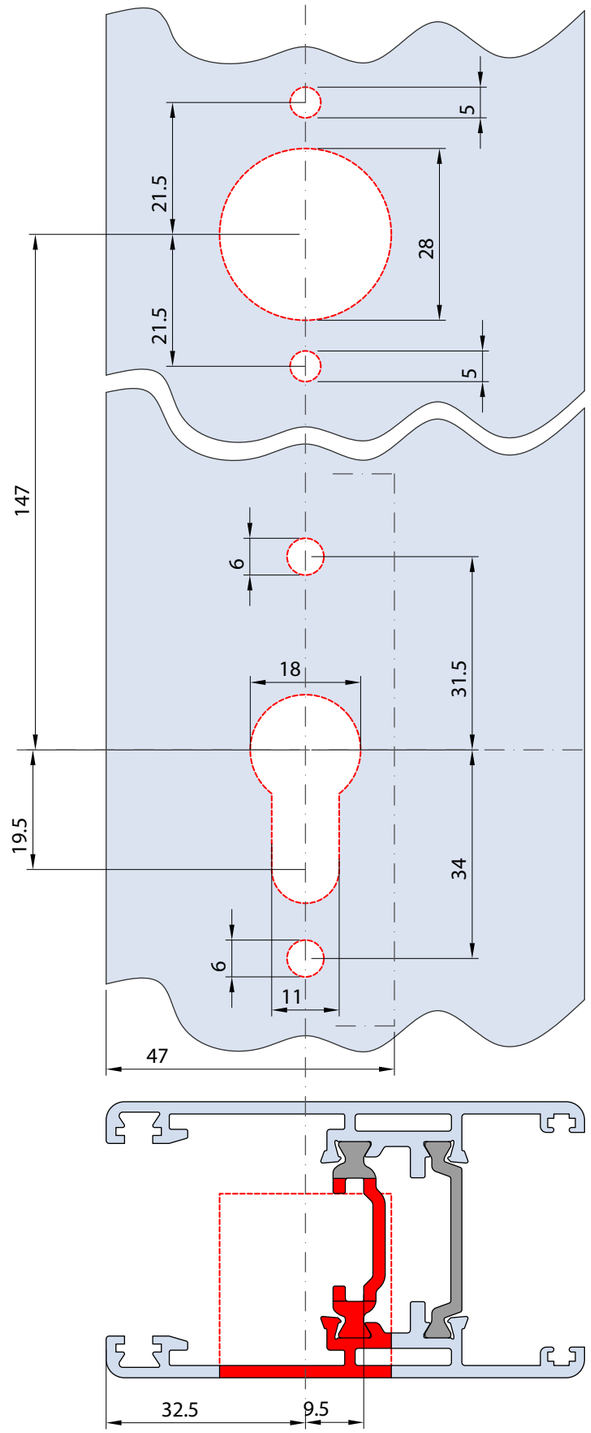
Lavorazione da effettuare su profili telai

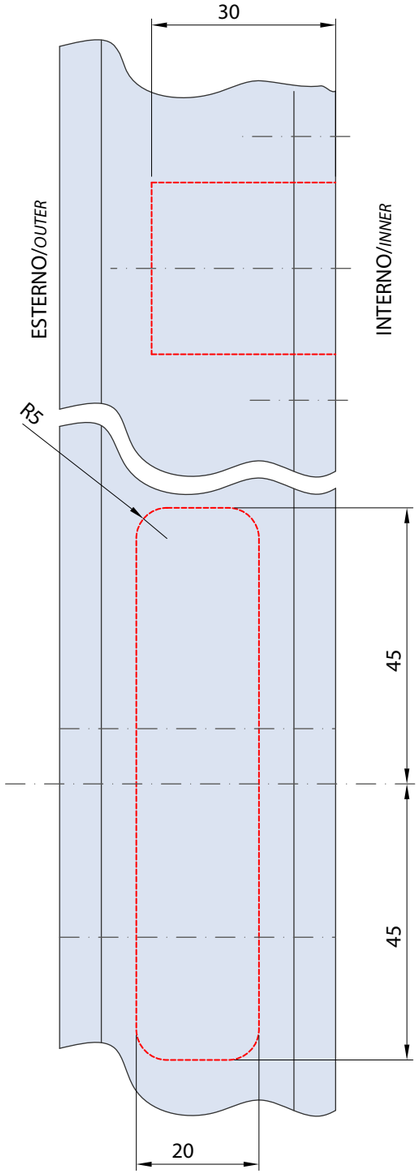
TT 8014

L15

Lavorazione movimentazione martellina + serratura

Handle mechanism + lock





Processing on

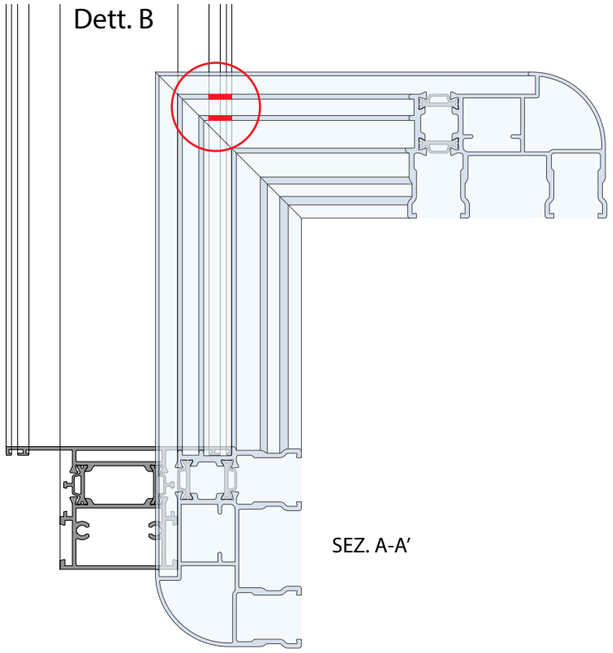
Lavorazione da effettuare su profili ante

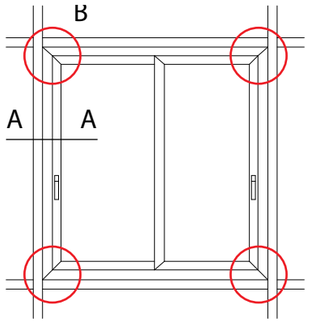
TT 1611 TT 1617 SL 20811
TT 1612 TT 1618
TT 1616 TT 8011

L16

Lavorazione profilo TT 8007

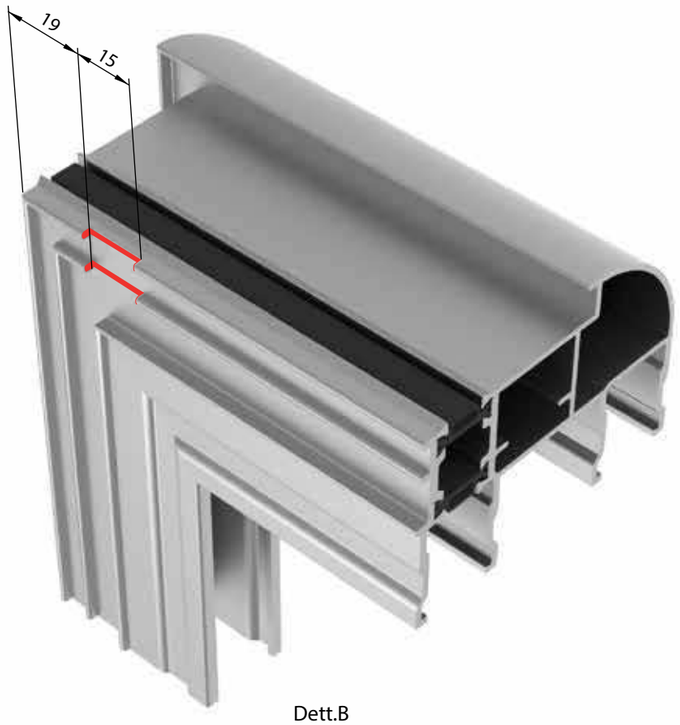
TT 8007 working





Quando si inserisce un infisso scorrevole in un reticolo di profili con montanti e traversi intestati tra loro a 90° occorre asportare i dentini sui 2 traversi, superiore ed inferiore, del profilo telaio scorrevole, su entrambe le estermità come illustrato nello schema a lato.

When you add a slide window into a mullion/ transom structure, you need to cut pawls from 2 slide transom frame, both top and bottom, as the picture.

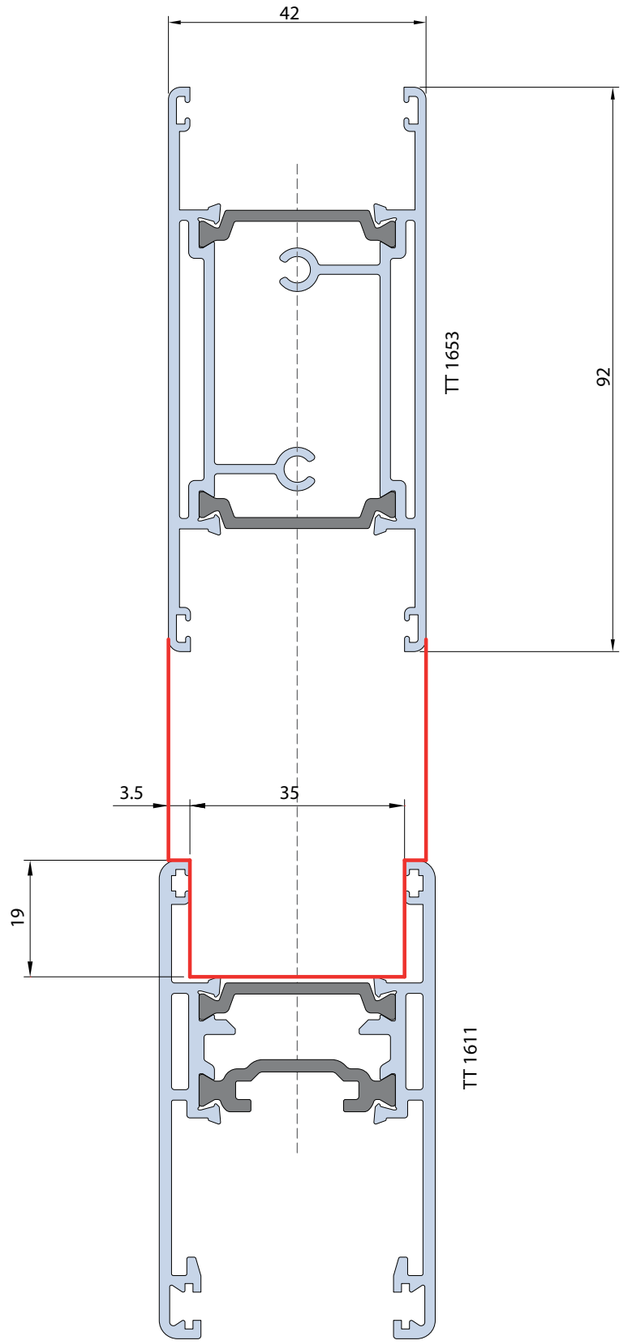


Dett.B

L17

Lavorazione fascia TT 1653

Band TT 1653 working



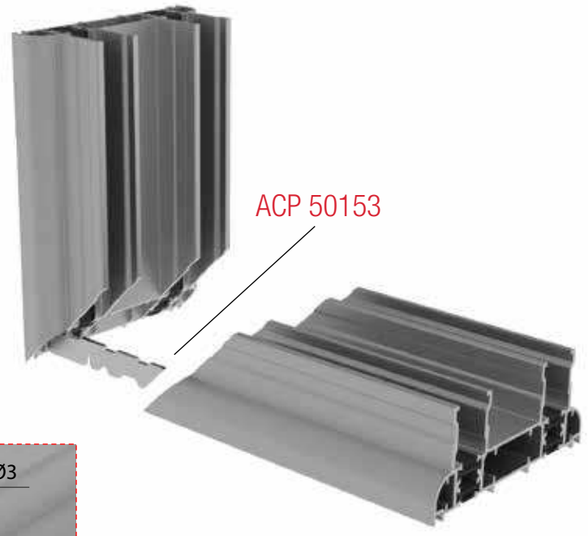
M1

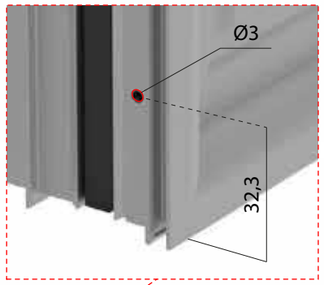
Applicazione squadretta ACP 50153

ACP 50153 corner cleat installation

Inserire la squadretta ACP 50153 e chiudere l'angolo scegliendo tra le 2 opzioni

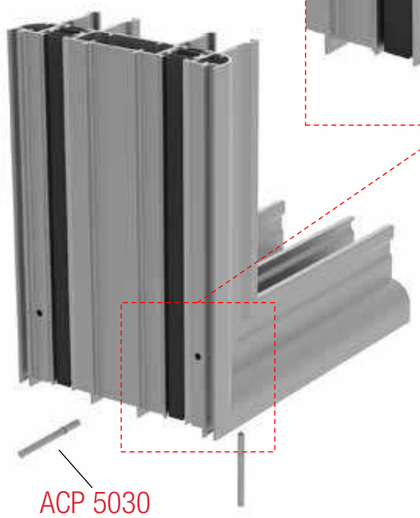
Insert ACP 50153 corner cleat and secure using one of two methods





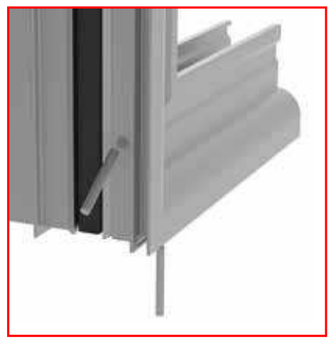
Prima di effettuare il montaggio, forare Ø3 con punzonatrice Jolly

Before working, drill Ø3 using punching machine Jolly



1 Spinare tramite spina ACP 5030 e asportare manico

Broaching using pin ACP 5030 and wrench off staking spigot using kit provided



cianfrinatura tramite l'apposito Kit 2

Crimping using the appropriate kit

M2

Applicazione ACP 5801

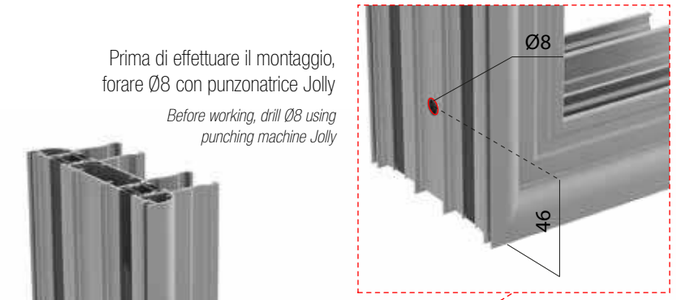
ACP 5801 corner cleat installation

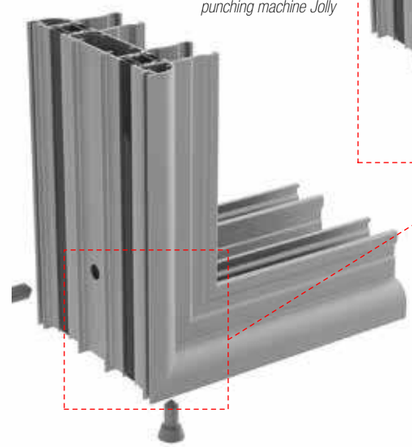
Inserire la squadretta ACP 5801 e chiudere l'angolo scegliendo tra le 3 opzioni di fissaggio

Insert corner joint ACP 5801 and close corner by selecting one of 3 fixing options

Prima di effettuare il montaggio, forare Ø8 con punzonatrice Jolly

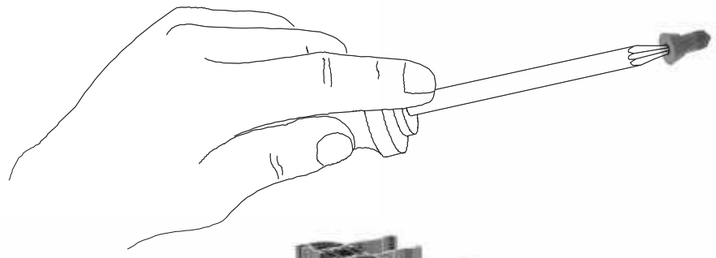
Before working, drill Ø8 using punching machine Jolly





1 Dopo aver effettuato il foro squadretta, spinare tramite spina ACP 5800

After drilling Ø8, crimping using ACP 5800



2 Dopo aver effettuato il foro squadretta, avvitare tramite vite ACP 5001

After drilling, , screw using ACP 5001

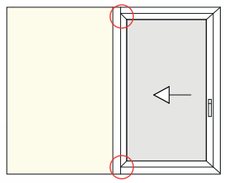
3 Cianfrinare tramite l'apposito kit

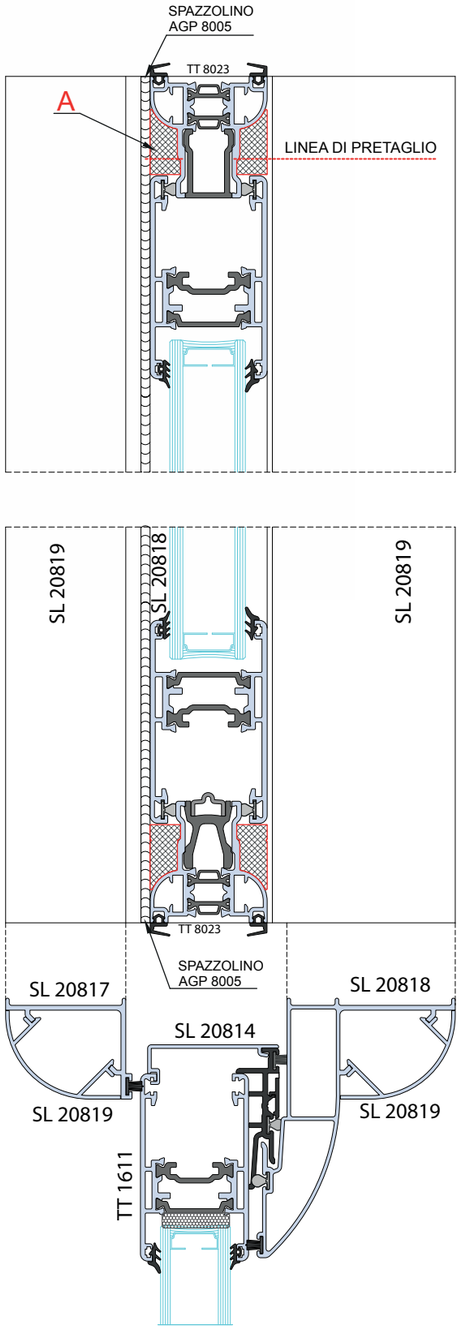
Crimping using the appropriate kit

M3

Applicazione tappi di tenuta per soluzioni monovia ACP 8023

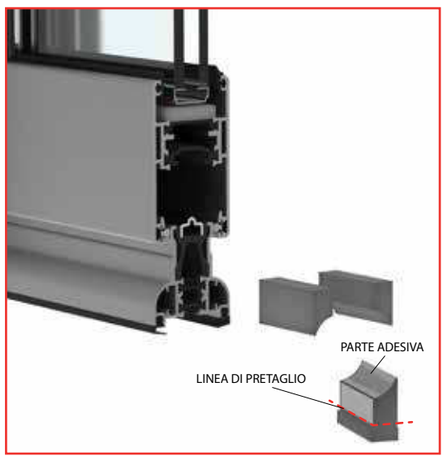
Application plug ACP 8023 for 1-rail solution





I tappi vanno applicati sul telaio in corrispondenza del giunto a muro, sia sul traverso superiore, che inferiore

Plugs have to be placed where there's the wall joint (see pict.), both on the top transom, and on the bottom one



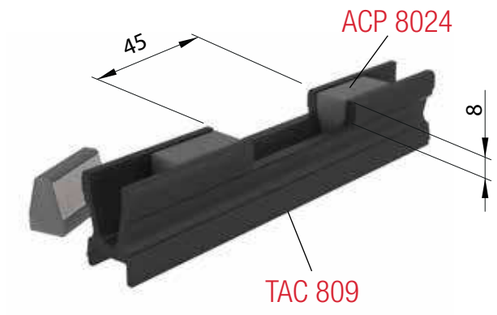
A Nella versione alzante il tappo superiore è da accorciare in corrispondenza della linea di pretaglio presente sul tappo per permettere il sollevamento dell'anta.

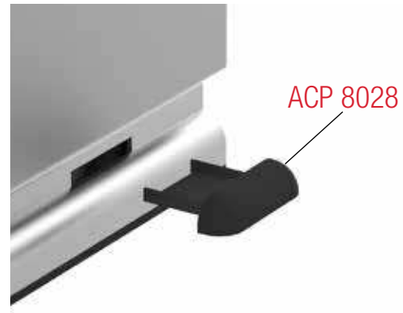
In lift&slide system the top plug has to be reduced until the line on the plug, to allow the sash lifting.

M4

Applicazione tappi di tenuta ACP 8024 e cappette scarico acqua ACP 8028

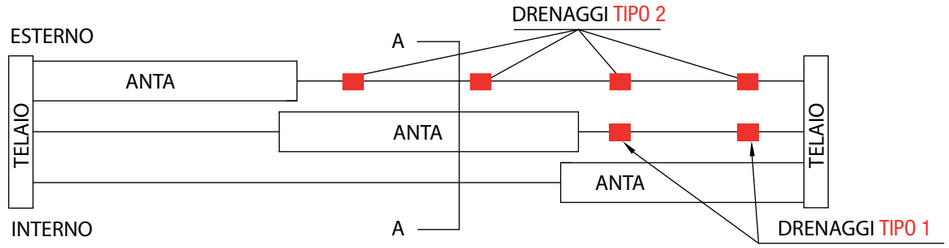
Plug application ACP 8024 and water drain cap ACP 8028





SOLUZIONE PER DRENAGGI TIPO 1
DRAIN TYPE 1

SOLUZIONE PER DRENAGGI TIPO 2
DRAIN TYPE 2



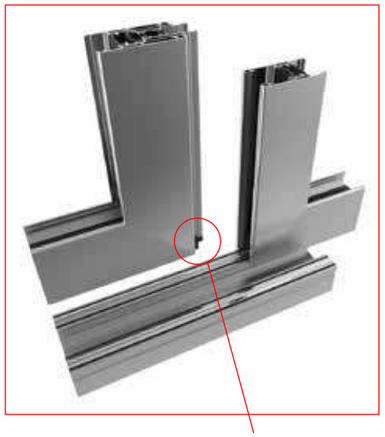
PARTICOLARE CON DRENAGGIO SU GUIDA ZANZARIERA SL 20821
DETAIL WITH DRAIN ON THE MOSQUITO NET GUIDE SL20821

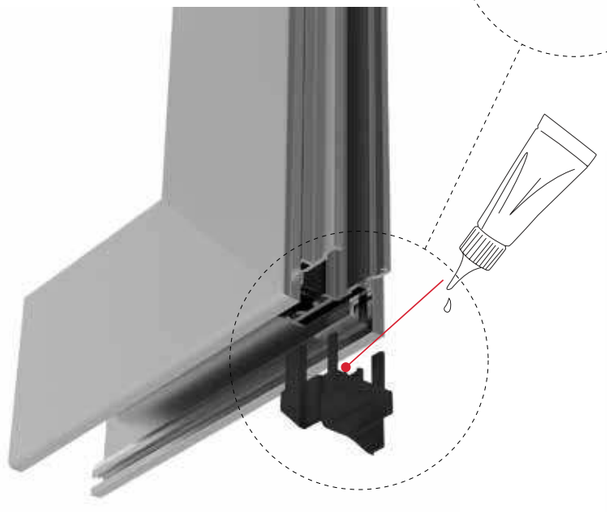
PARTICOLARE CON DRENAGGIO SUPROFILO RETTO TT 1637
DETAIL WITH DRAIN ON SQUARED PROFILE TT1637

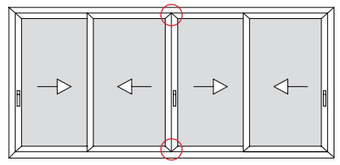
M5

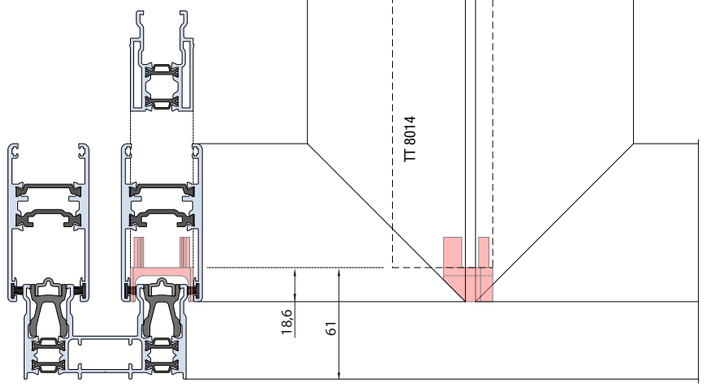
Applicazione tappi di tenuta ACP 8029

Plug application ACP 8029









Nella tipologia con ante che scorrono sullo stesso binario con chiusura frontale, i tappi vanno applicati sul profilo TT 8014 sia nella parte superiore che in quella inferiore come rappresentato in figura.
Prima di inserire i tappi occorre sigillare il profilo nella zona dove andranno montati.

In the type with sash that slide on the same rail, plugs have to be placed on TT8014 profile, both on the top, and on the bottom side, as pictured.
Before insert plugs, seal the profile zone.

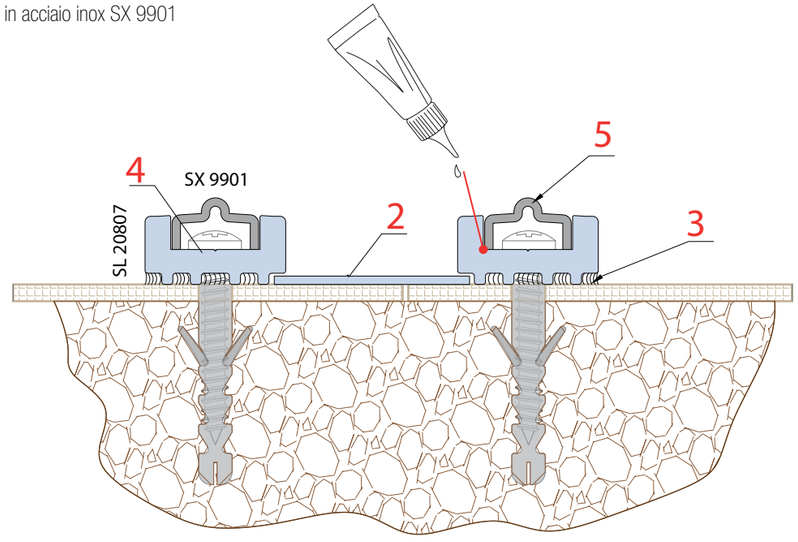
M6

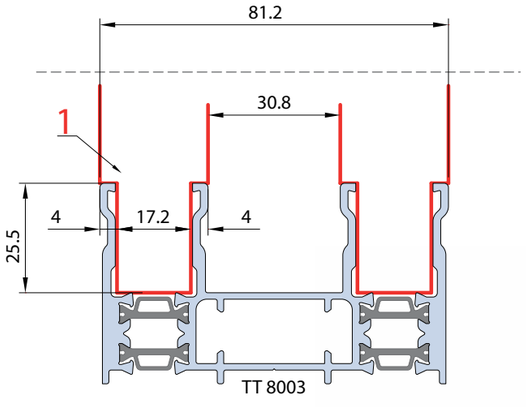
Montaggio soglia ribassata

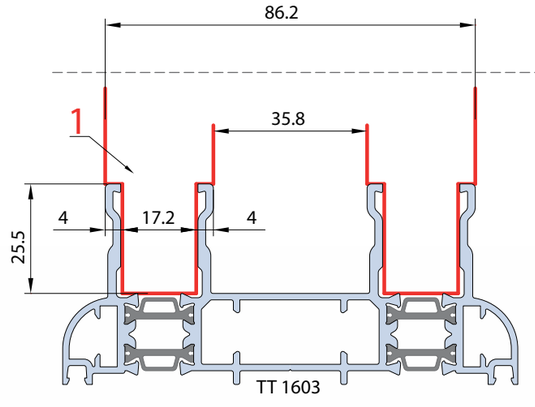
Low treshold application

1. Intestare il binario
2. Posizionare il piatto di alluminio verniciato tra le due/tre soglie, le dimensioni del piatto variano a secondo della imensione ante. Piatto da 35x2 mm per anta da 40, piatto da 40x2 mm per anta da 45
3. Sigillare lo spazio tra i dentini della soglia
4. Fissare la soglia a pavimento con l'ausilio di tasselli
5. Posizionare guida in acciaio inox SX 9901

1. Cut the rail
2. Place th ealuminum plate between 2/3 threshold, the plate's dimension varies depending on the sash's
dimension. Plate 35x2mm per 40mm sash, 40x2mm per 45mm sash
3. Seal the space between threshold's pawls
4. Fix the threshold on the floor, using blocks
5. Fix the stainless steel guide SX 9901

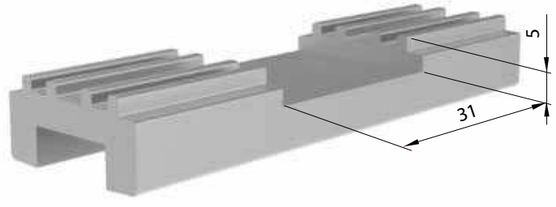




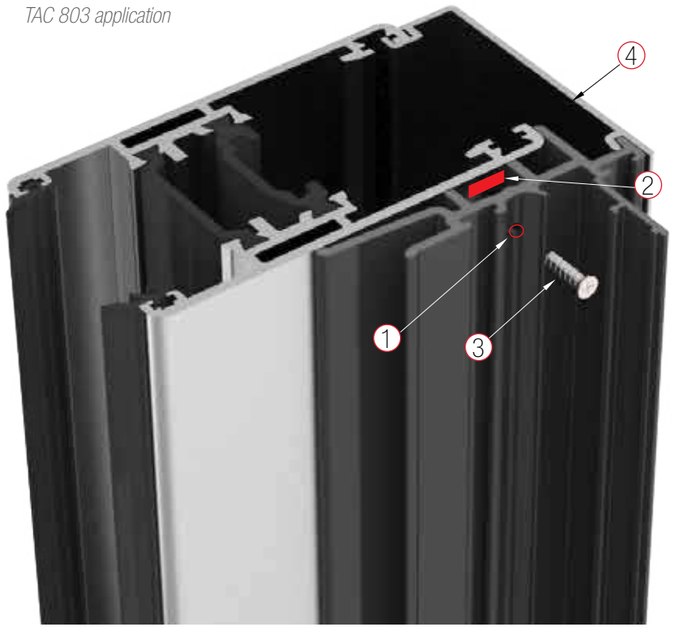


Per realizzare il drenaggio sulla soglia SL 20807, fresare il profilato come disegno accanto

To make the drain working on the threshold SL 20807, cut the profile as picture



M7
Montaggio TAC 803
TAC 803 application



1. Forare l'elemento TAC 803 e l'anta Slide con foro diametro 3 mm

2. Incollare l'elemento TAC 803 all'anta. Per garantire una stabilità ottimale tra i materiali è consigliato l'utilizzo di un sigillante a base Polimeri MS.

3. Avvitare il profilo TAC 803 con viti autofilettanti testa piana svasata 3.5x20 ad intervalli di 250 mm.

4. Infilare il profilo SL 20814 / SL 20813 ad operazioni concluse

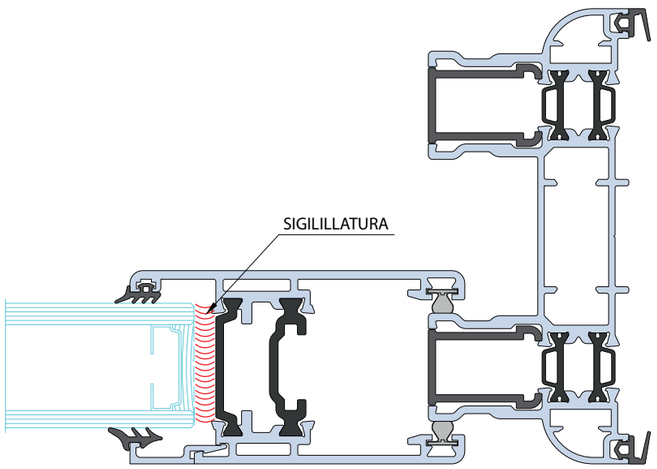
1. Drill the TAC803 and the sash Ø3mm

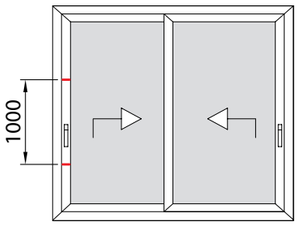
2. Glue TAC803 on the sash. To guarantee the best stability, use Polimeri MS sealant

3. Screw TAC803 with self-threading countersunk screw 3.5x20 each 250mm

4. When passages are ended, insert plofile SL20814/SL20813

M8
Sigillatura tra anta e vetro
Leaf-glass sealant

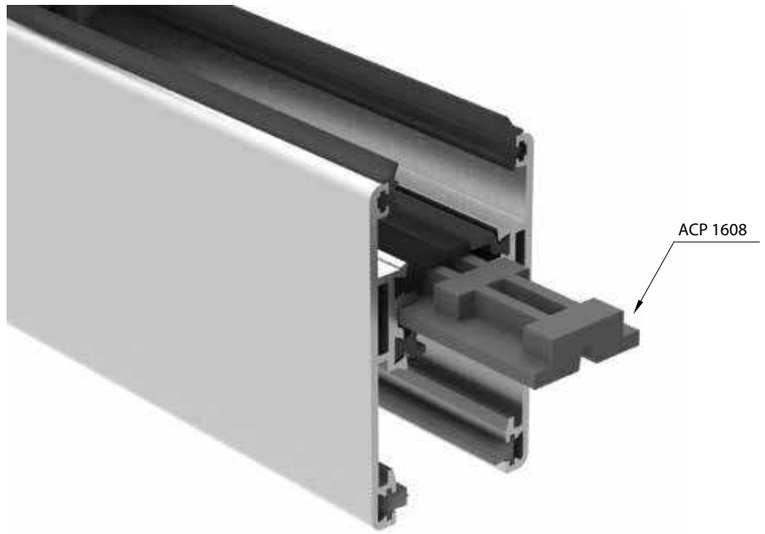


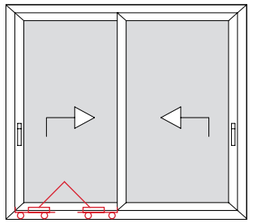


Quando si costruisce un'anta di peso complessivo superiore a 90 Kg, occorre sigillare la zona evidenziata a disegno, per un'altezza di 1 m. in corrispondenza della maniglia

When you assemble a leaf of a total weight exceeding 90 kg, you have to seal the area showed in the drawing, for 1 mt. at the handle height

M9
Montaggio rinforzo ACP 1608
Application ACP 1608

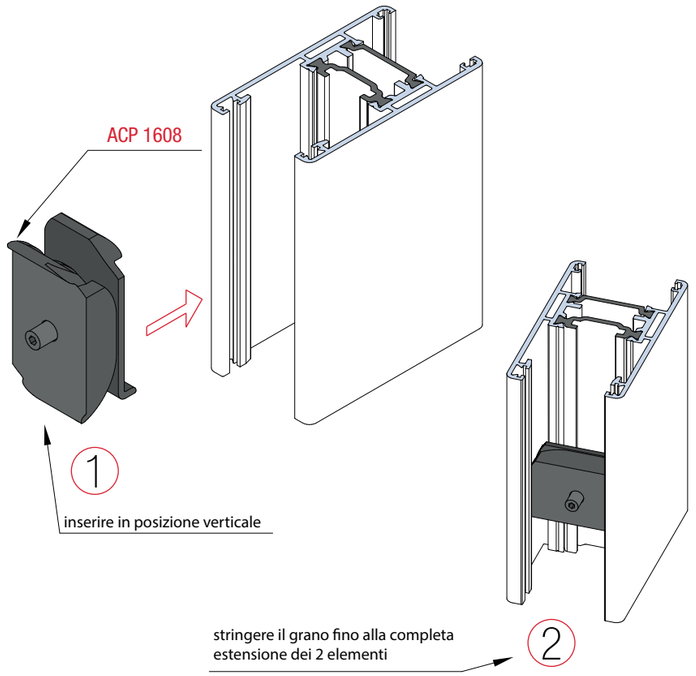


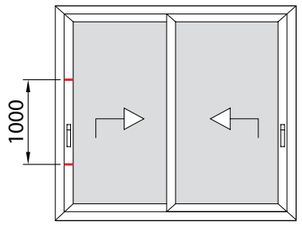


Rinforzo in nylon per ante Slide sia 40 che 45 mm, inserire in corrispondenza dei carrelli nella cava squadretta del traverso inferiore da ambo i lati prima di inserire la squadretta stessa.
Questo accessorio si utilizza per carichi oltre i 90 Kg.

Nylon support for Slide sash, 40-45mm.
Before insert the corner cleat, insert ACP1608 in the rail place, in the corner cleat cavity of the bottom transom, on both sides, .
This accessory is useful for weight exceeding 90 kg.

M10
Applicazione ACP 1607 utilizzare in corrispondenza maniglie
Application ACP 1607, use proximity to handels





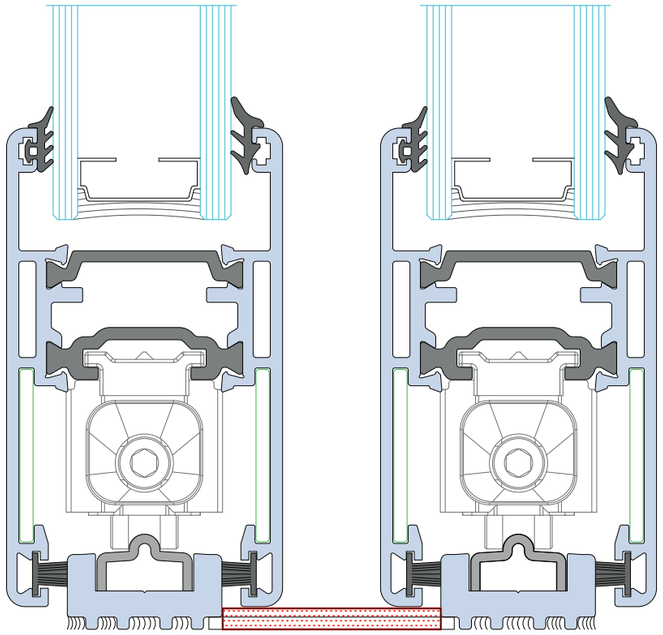
Rinforzo per ante Slide da 45mm, composto da una parte in nylon e una in acciaio inox, serve ad irrigidire l'anta in corrispondenza delle maniglie. l'accessorio può essere inserito ad anta già montata.
Montarne minimo 2 per ogni anta, più precisamente 1 sopra e 1 sotto in corrispondenza della maniglia.
Se lo si ritiene necessario possono essere inseriti più di 2 rinforzi.

Nylon support for Slide sash, 40-45mm, composed of a nylon part and a stainless steel one.
It helps to stiffen the sash in the handle place.
The accessory could be insert when the sash is already assembled.
Assemble minimum 2 supports per sash, 1 over and 1 under the handle.
If necessary, insert more than 2 supports.

M11

Montaggio spugne di tenuta centrale con soglia ribassata

Seal application with low threshold



ACP 8041

Quando si utilizza la soglia ribassata, nello slide 106, nel nodo centrale inferiore, nell'infisso versione scorrevole, occorre sostituire l'elemento di tenuta, incluso nel kit, con questo nuovo accessorio in epdm espanso adesivo da 36x58 con spessore 3.5mm, qualora si utilizzasse il piatto d'alluminio tra le due soglie, occorre interromperlo per la lunghezza della fettuccia stessa.

ACP 8041

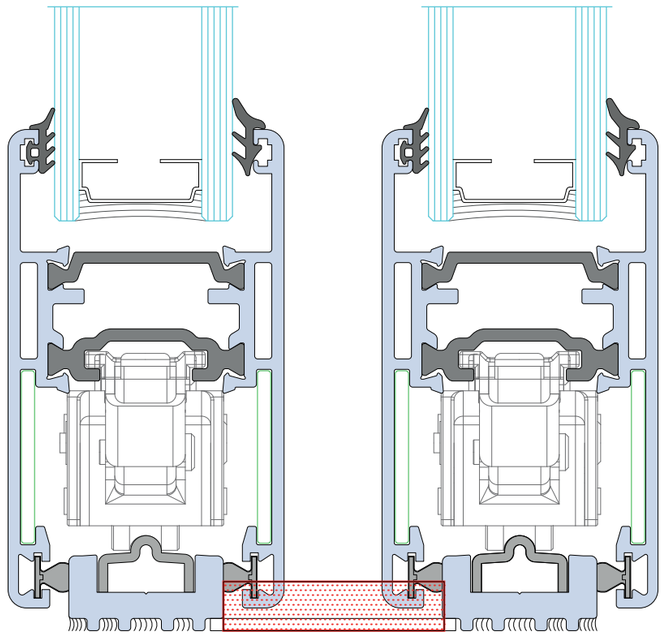
When you use the low threshold, in Slide106 (slide
type), in the central bottom section, you need to replace the seal of the kit for this new EPDM accessory 36x58x3.5mm.
If you use the aluminum plate between the threshold, you have to cut it for the seal length

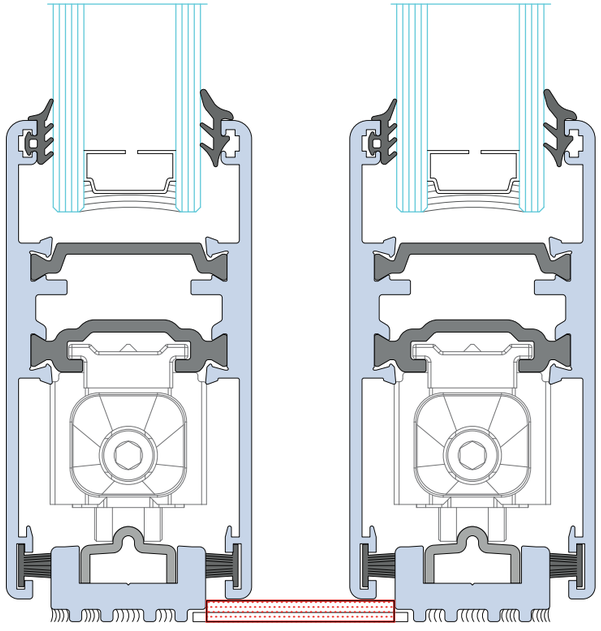
ACP 8042

Quando si utilizza la soglia ribassata, nello slide 106, nel nodo centrale inferiore, nell'infisso versione alzante, occorre sostituire l'elemento di tenuta, incluso nel kit, con questo nuovo accessorio in epdm espanso adesivo da 36x58 con spessore 8mm, qualora si utilizzasse il piatto d'alluminio tra le due soglie, occorre interromperlo per la lunghezza della fettuccia stessa.

ACP 8042

When you use the low threshold, in Slide106 (lift&slide type), in the central bottom section, you need to replace the seal of the kit for this new EPDM accessory 36x58x8mm.
If you use the aluminum plate between the threshold, you have to cut it for the seal length





ACP 8041

Quando si utilizza la soglia ribassata, nello slide 80, nel nodo centrale inferiore, nell'infisso versione scorrevole, occorre
sostituire l'elemento di tenuta, incluso nel kit, con questo nuovo accessorio in epdm espanso adesivo da 36x58 con spessore 3.5mm, occorrerà solo accorciare la quota 36 di 5mm, portandola a 31mm, qualora si utilizzasse il piatto d'alluminio tra le due soglie, occorre interromperlo per la lunghezza della fettuccia stessa.

ACP 8041

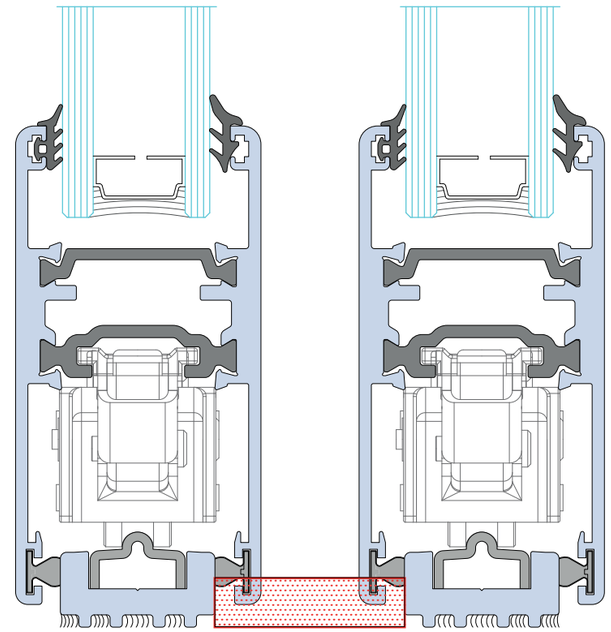
When you use the low threshold, in Slide80 (slide type), in the central bottom section, you need to replace the seal of the kit for this new EPDM accessory 36x58x3.5mm.
You need to reduce it of 5mm in the lenght.
If you use the aluminum plate between the threshold, you have to cut it for the seal length

ACP 8042

Quando si utilizza la soglia ribassata, nello slide 80, nel nodo centrale inferiore, nell'infisso versione alzante, occorre sostituire l'elemento di tenuta, incluso nel kit, con questo nuovo accessorio in epdm espanso adesivo da 36x58 con spessore 8mm, occorrerà solo accorciare la quota 36 di 5mm, portandola a 31mm, qualora si utilizzasse il piatto d'alluminio tra le due soglie, occorre interromperlo per la lunghezza della fettuccia stessa.

ACP 8042

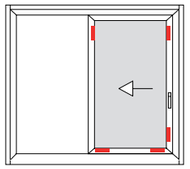
When you use the low threshold, in Slide80 (lift&slide type), in the central bottom section, you need to replace the seal of the kit for this new EPDM accessory 36x58x8mm.
You need to reduce it of 5mm in the lenght.
If you use the aluminum plate between the threshold, you have to cut it for the seal length



M12

Applicazione supporto e isolamento vetro sui profili anta

Support and glass seal application on sash



montare l'ACP 6230
in asse ai carrelli

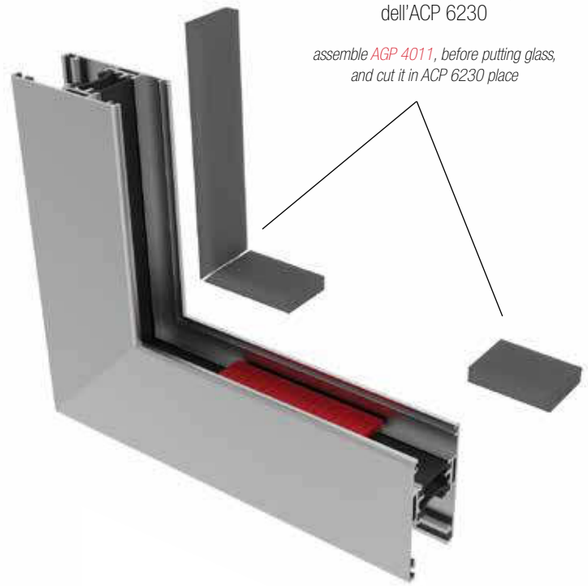
assemble ACP 6230 in line with rails

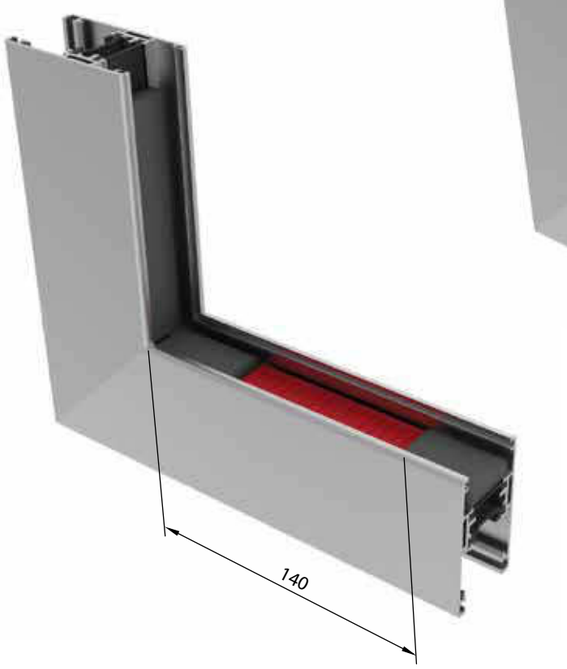
N.B: se si utilizza il riforzo anta
ACP 1608, l'appoggio vetro
ACP 6230 deve allinearsi ad esso

N.B: if you use the sash support ACP 1608, it has to be in line with with ACP 6230

montare l'AGP 4011 prima di vetrare
l'anta interrompendola in corrispondenza
dell'ACP 6230

assemble AGP 4011, before putting glass, and cut it in ACP 6230 place

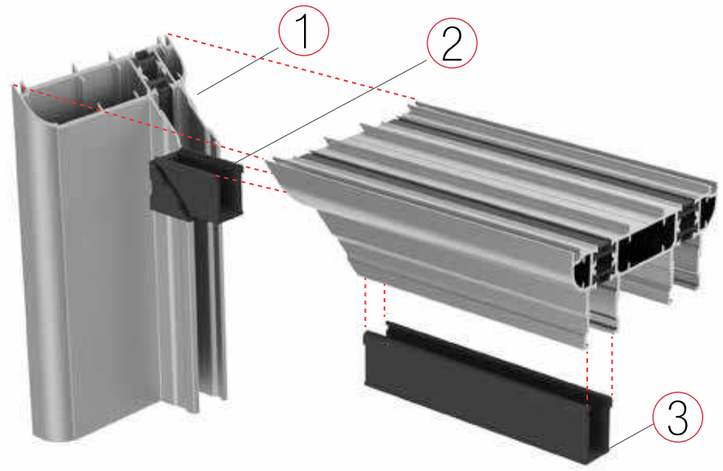




M13

Applicazione tappi ACP 8062

Plug ACP 8062 application

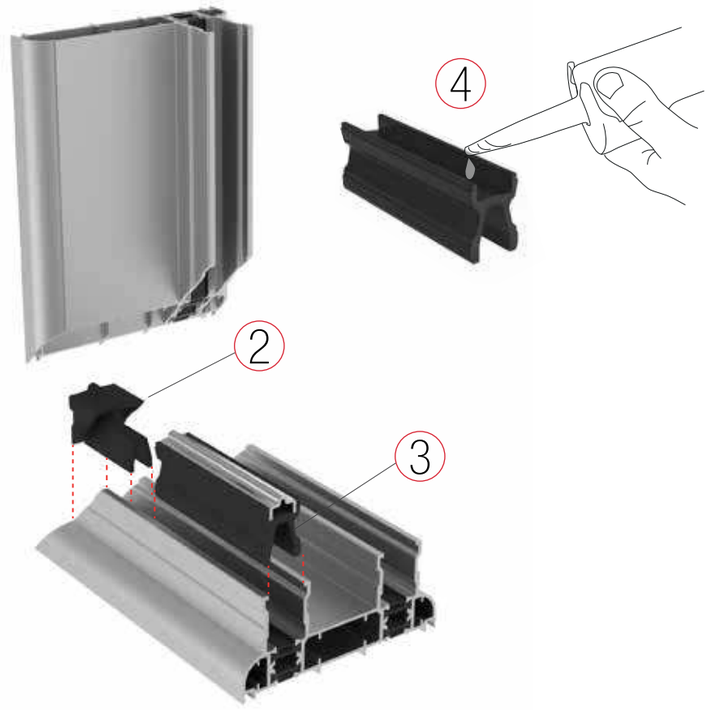


APPLICAZIONE SU TELAIO SUPERIORE
1) giuntare l'angolo dei telai tagliati a 45°
2) inserire il tappo come rappresentato in figura
3) scattare la TAC 807 nell'apposita sede binario

APPLICATION ON TOP FRAME
1- joint the frame corner 45°
2- insert the plug as picture
3- snap TAC 807 in the rail place

Il tappo inferiore del kit ACP 8062,
è compatibile con la TAC 805.
Qualora si utilizzi la TAC 809 sul telaio inferiore
E' NECESSARIO TAGLIARE IL TAPPO DEL KIT ACP 8062,
come indicato in figura

The bottom plug ACP 8062,
is compatible with TAC 805.
If you use TAC 809 on the bottom frame
IT-S NECESSARY CUT THE PLUG ACP 8062, as figure shown



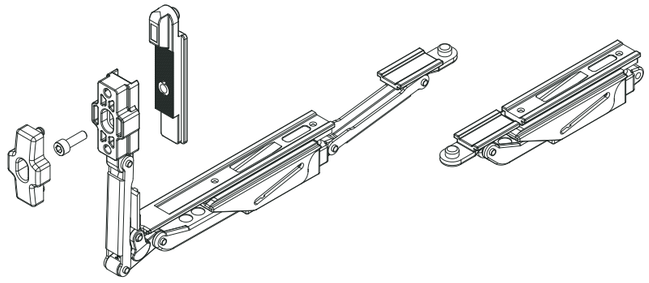
APPLICAZIONE SU TELAIO INFERIORE
1) giuntare l'angolo dei telai tagliati a 45°
2) inserire il tappo come rappresentato in figura
3) scattare la TAC 809 nell'apposita sede binario
4) Siliconare su tutta la lunghezza della TAC e
posizionare la guida SX 9901

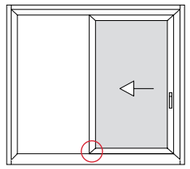
APPLICATION ON BOTTOM FRAME
1) joint frame corners, cutted 45°
2) insert the plug, as figure shown
3) snap TAC 809 in the dedicate place
4) Seal the TAC and place SX 9901

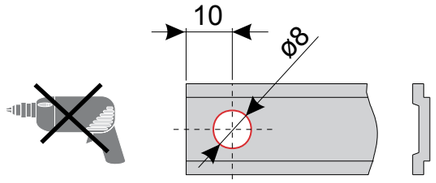
M14

Montaggio carrelli 1 ruote, versione alzante ACP 8017M, portata 90kg

Lift&slide rails kit ACP 8017M application-90kg capacity

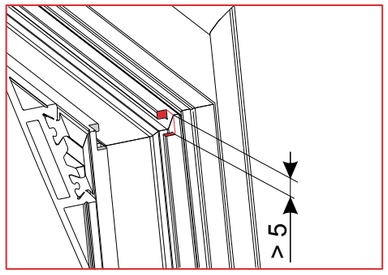




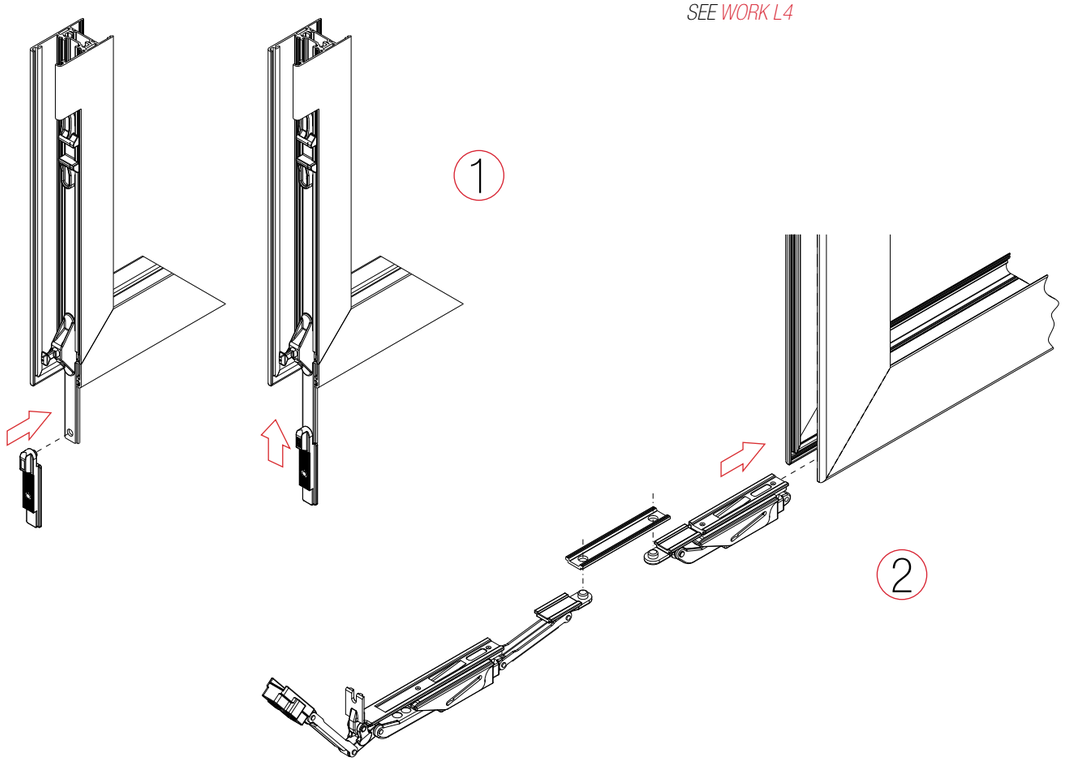


A) accostare il rinvio d'angolo all'anta
B) stringere la vite fino a perforare il poliammide
C) mettere in trazione il 2° carrello e poi stringere la vite
D) stringere la vite
D1) far scattare la leva
D2) registra e fissa il rinvio al blocchetto di collegamento
D3) inserisci l'ammortizzatore
E) stringere la vite

A) put leaf and corner together
B) screw untill perforate the poliammide rod
C) stretch the second rail and fix the screw
D) tighten
D1) snap the lever
D2) adjust and fix the corner return to the joint block
D3) insert the bumper
E) tighten



VEDI LAVORAZIONE L4
SEE WORK L4



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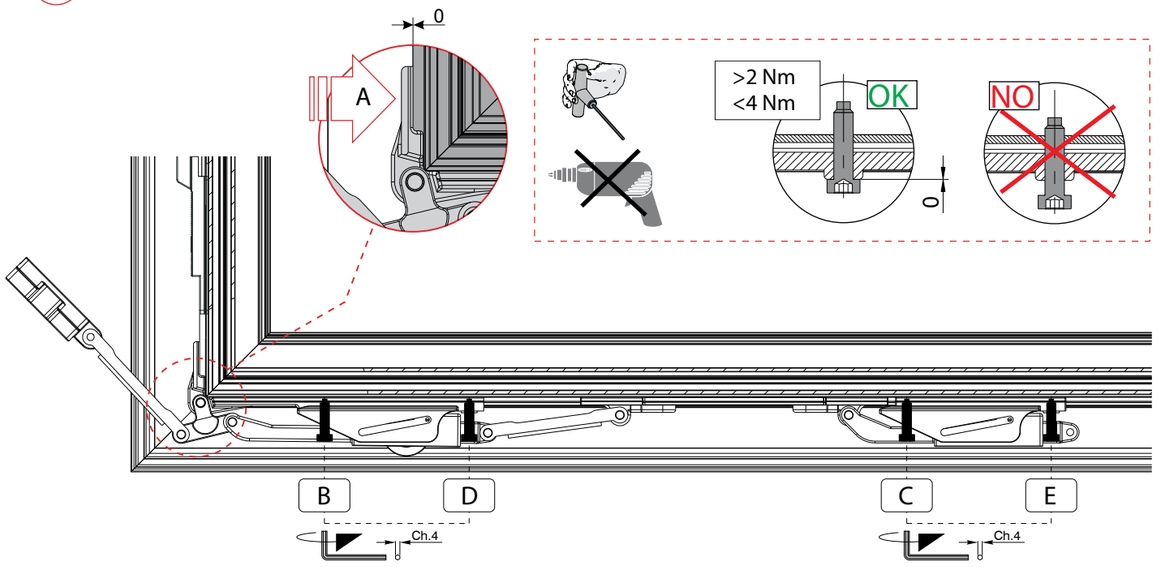

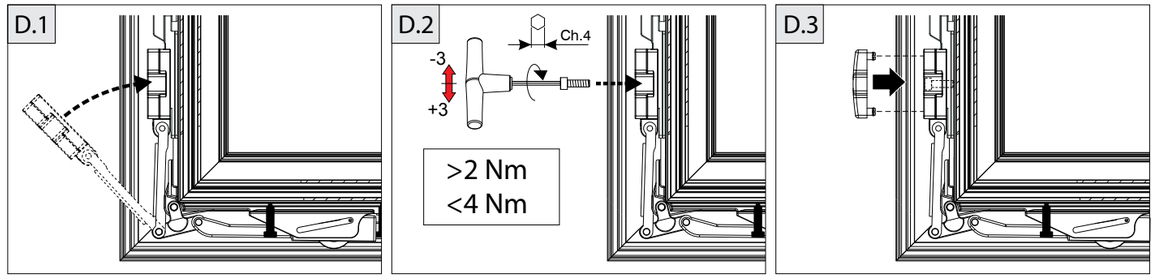

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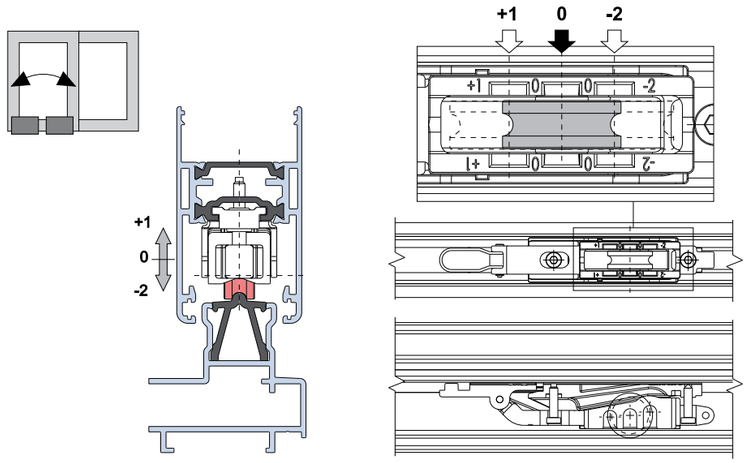
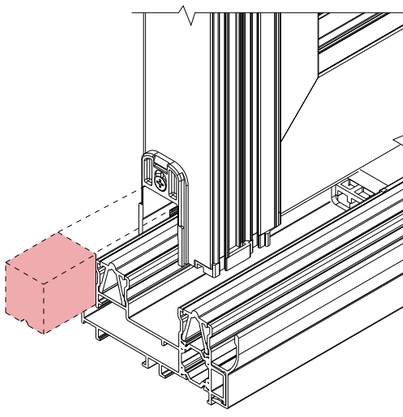
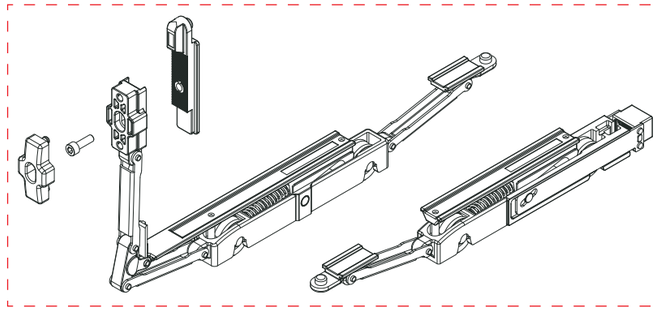


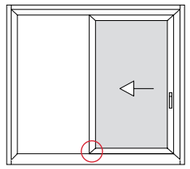


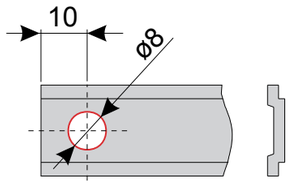
M15

Montaggio carrelli 2 ruote, versione alzante ACP 8016M, portata 200kg

Lift&slide rails kit ACP 8016M application-200kg capacity

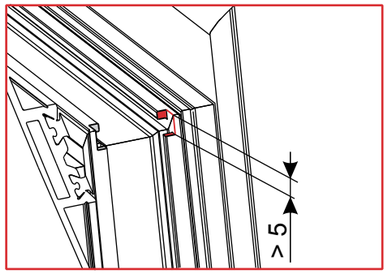




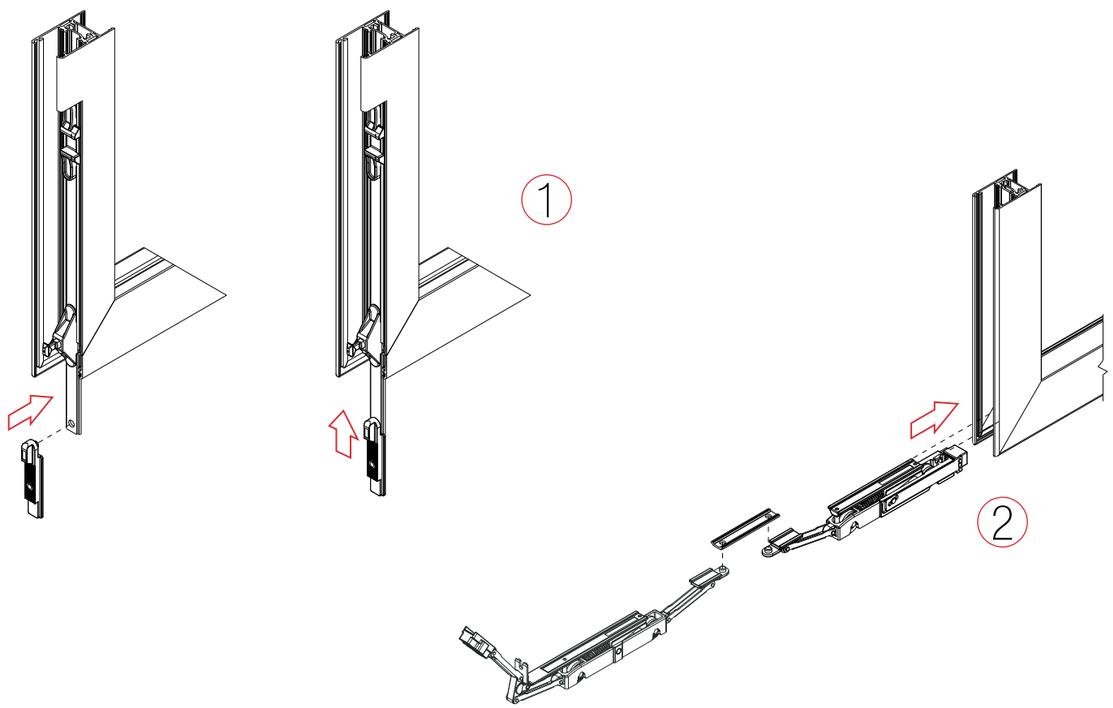


A) accostare il rinvio d'angolo all'anta
B) stringere la vite fino a perforare il poliammide
C) mettere in trazione il 2° carrello e poi stringere la vite
D) stringere la vite
D1) far scattare la leva
D2) registra e fissa il rinvio al blocchetto di collegamento
D3) inserisci l'ammortizzatore
E) stringere la vite

A) put leaf and corner together
B) screw untill perforate the poliammide rod
C) stretch the second rail and fix the screw
D) tighten
D1) snap the lever
D2) adjust and fix the corner return to the joint block
D3) insert the bumper
E) tighten



VEDI LAVORAZIONE L4
SEE WORK L4



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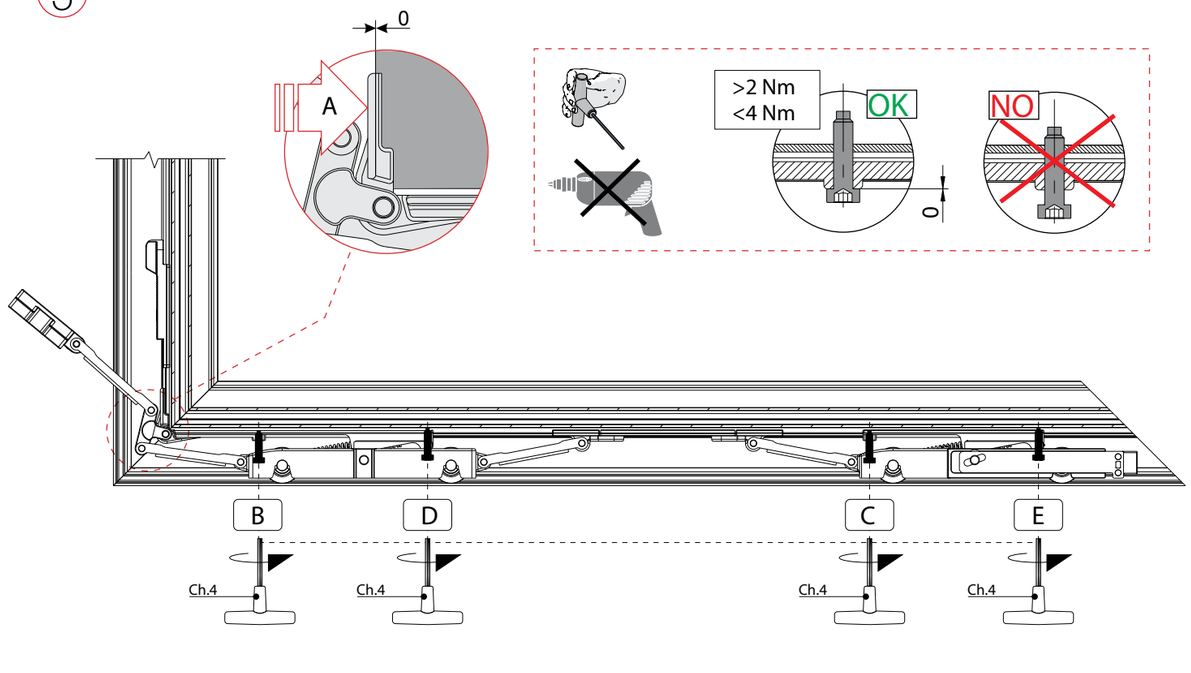

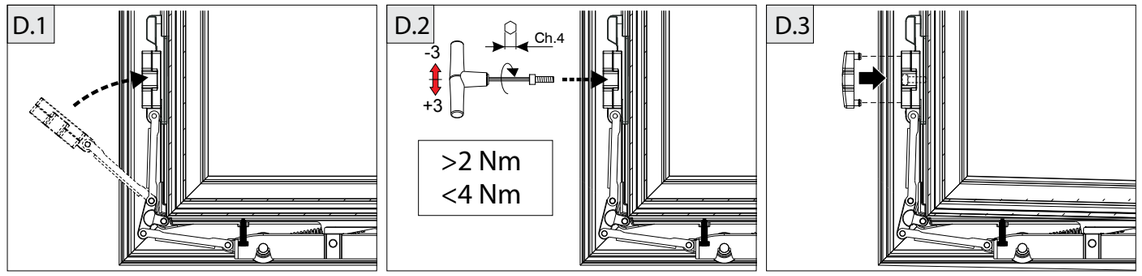

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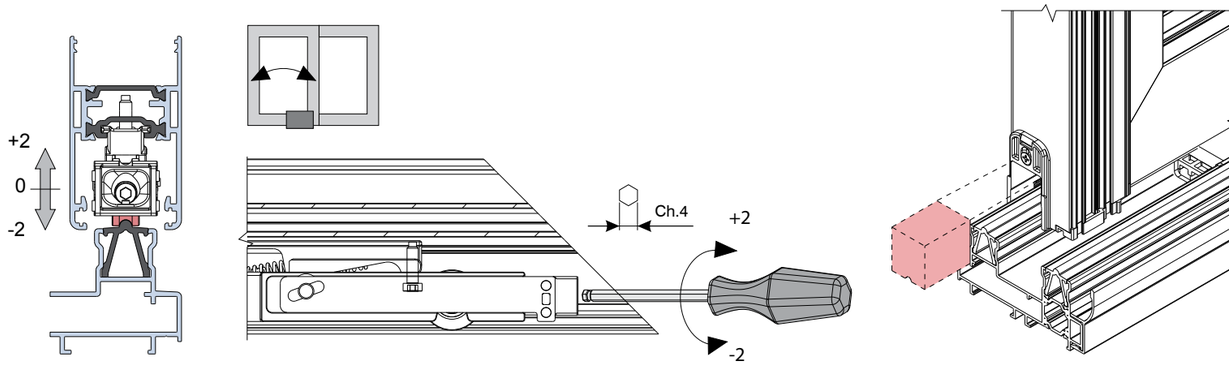
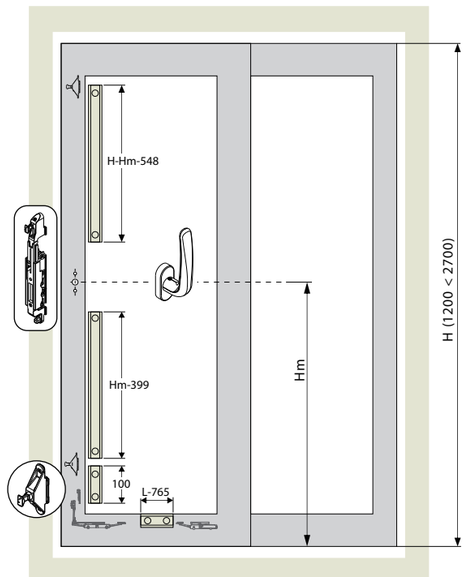
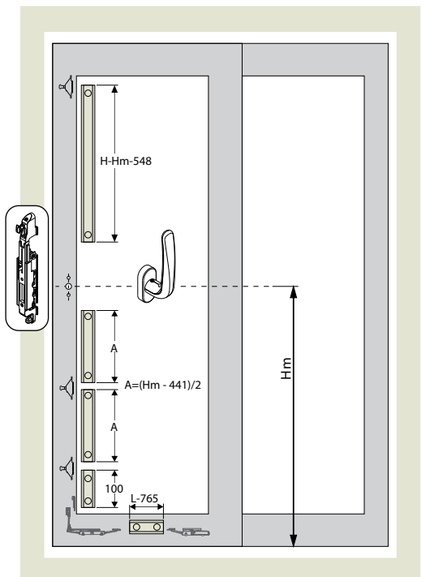


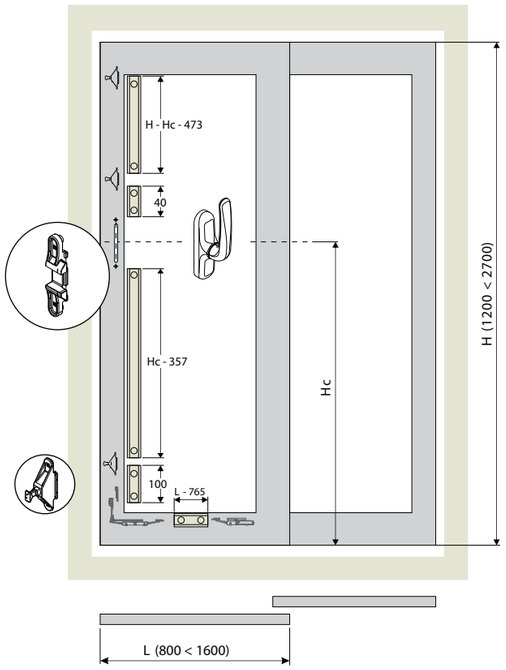
M16

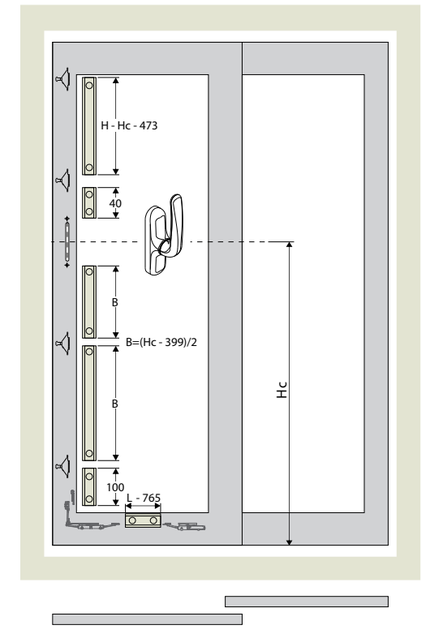
Distinta taglio astina utilizzando carrelli alzanti a 1 ruota ACP 8017M

Rod cut list using lift&slide 1-wheel rails ACP 8017M





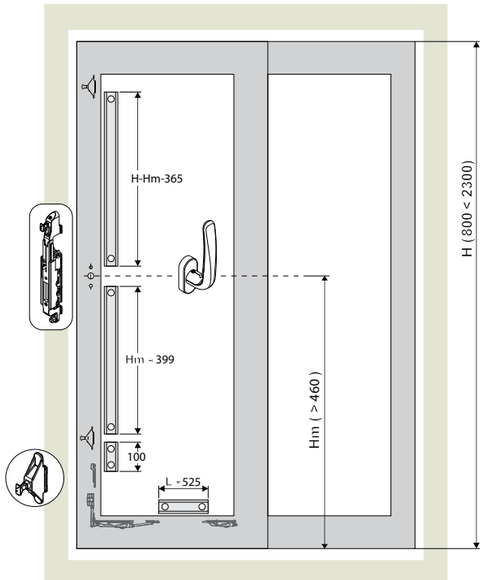




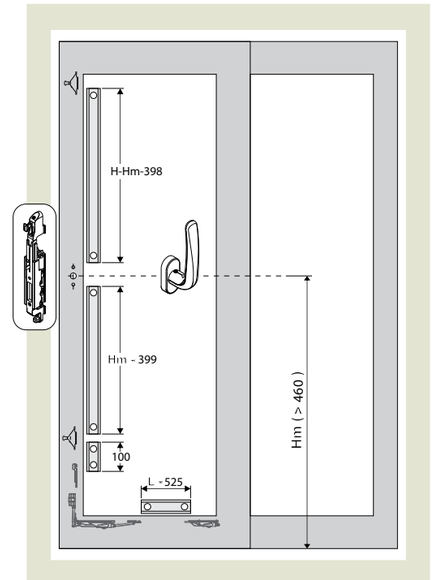
M17

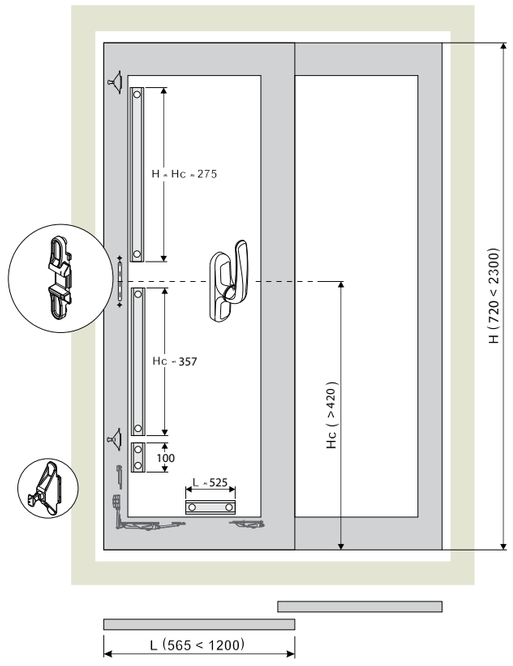
Distinta taglio astina utilizzando carrelli alzanti a 2 ruote ACP 8016M

Rod cut list using lift&slide 2-wheel rails ACP 8016M

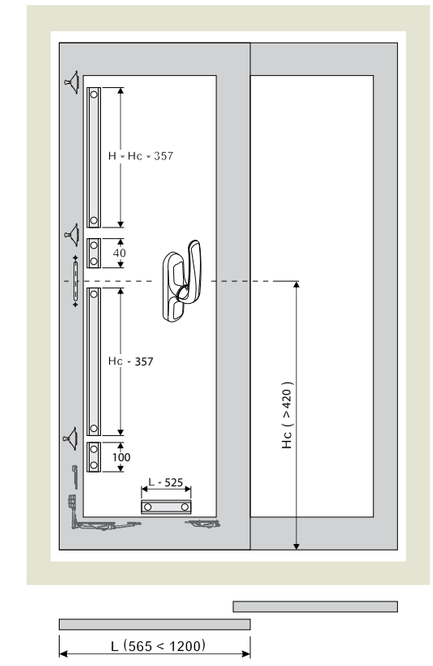


CON MARTELLINA
PESO MAX 200Kg





CON CREMONESE
PESO MAX 120Kg



M18

Montaggio carrelli su anta non isolata

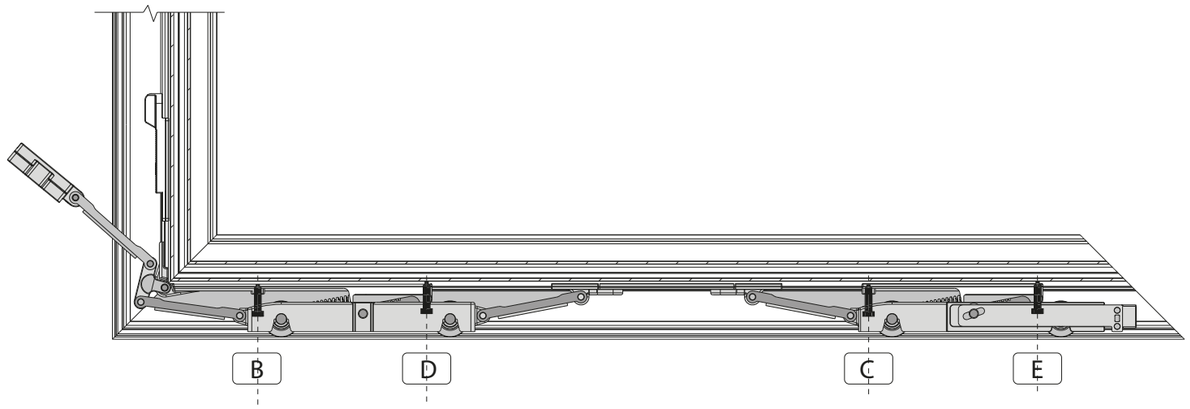
Rails application on not insulated sash

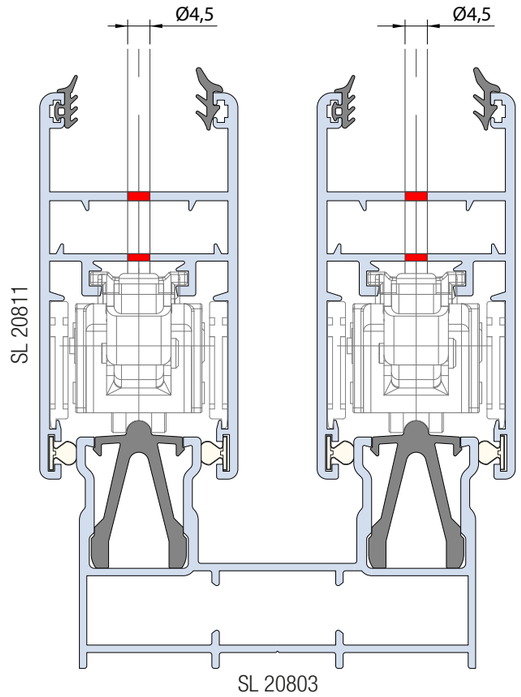
Montando i carrelli alzante sull'anta non isolata
occorre FORARE L'ALLUMINIO PRIMA DI STRINGERE le viti
seguendo la sequenza sotto riportata:

1. posizionare il carrello
2. svitare la vite B, forare l'alluminio attraverso il foro del carrello Ø4,5 e poi avvitare la vite fino in fondo
3. seguire l'operazione 2 per tutte le viti seguendo l'ordine riportato in figura.

During the assembly of the lift&slide rails on not-insulated sash, you need to drill the aluminum before screwing

1. pplace the rail
2. unscrew the B screw, drill the aluminum Ø4,5 and then screw fixing
3. make the 2 passage for all the screw, following the numeration in picture

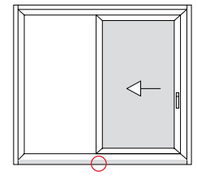


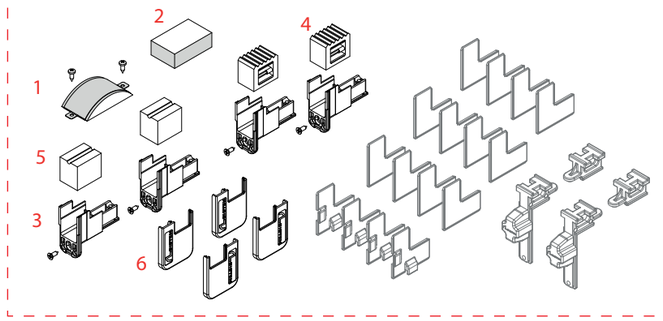


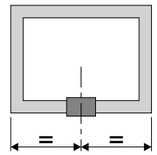
M19

Montaggio kit tappi e copri lavorazioni versione alzante ACP 1633M / ACP 8033M

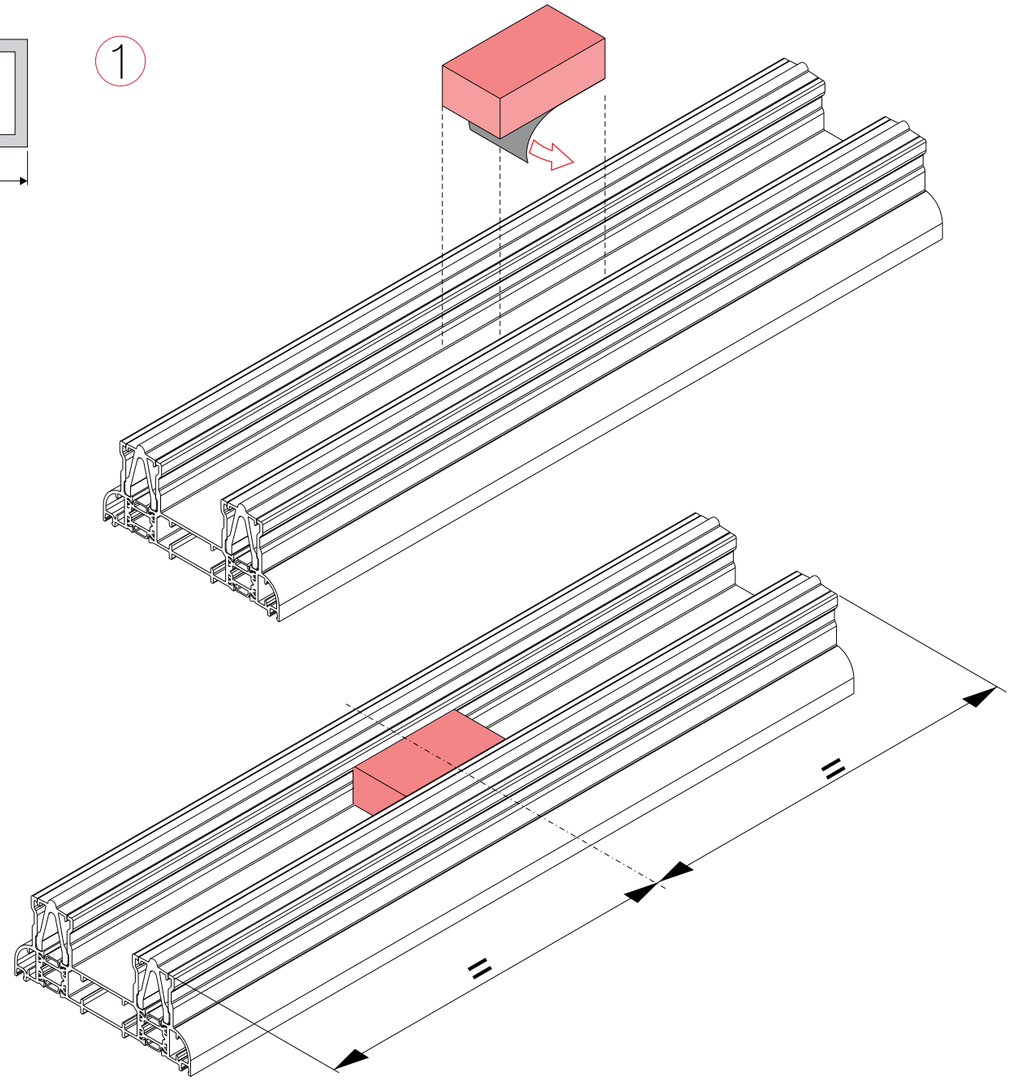
Application plug and machining cover kit ACP 1633M / ACP 8033M







1



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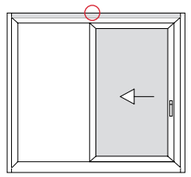

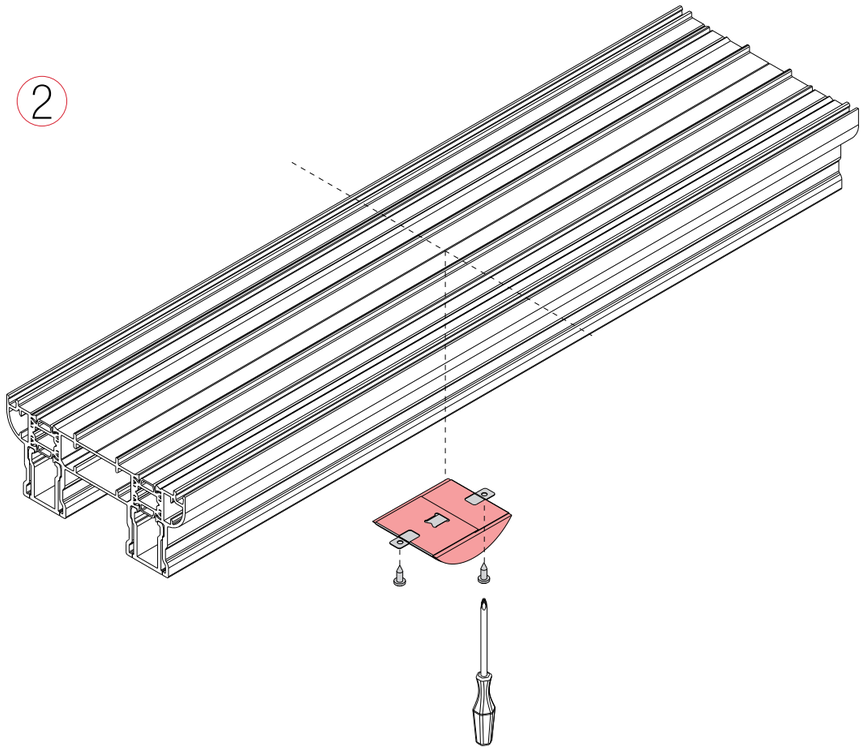

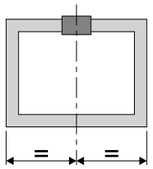

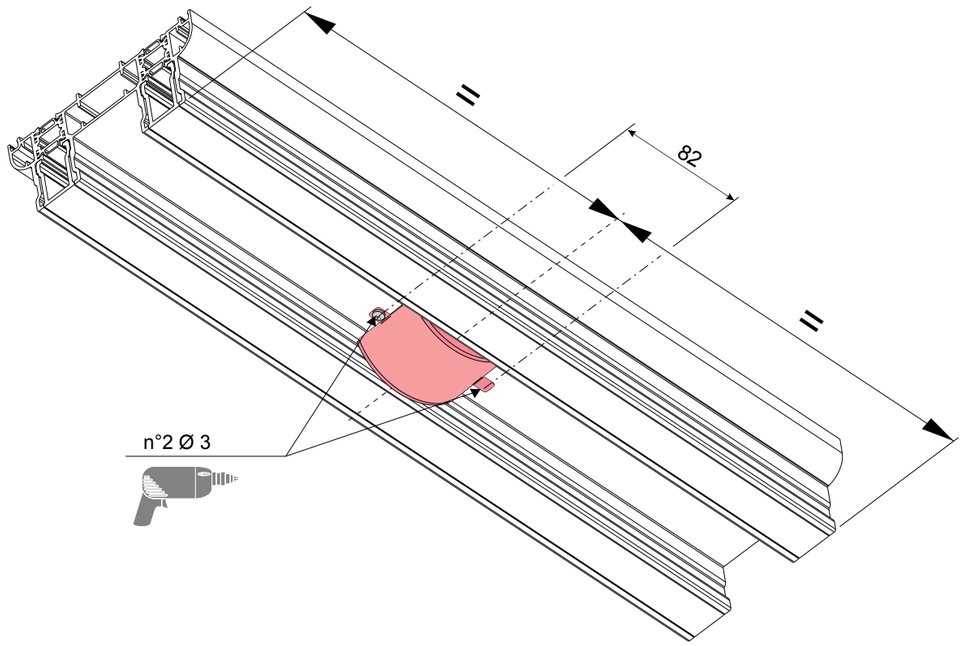

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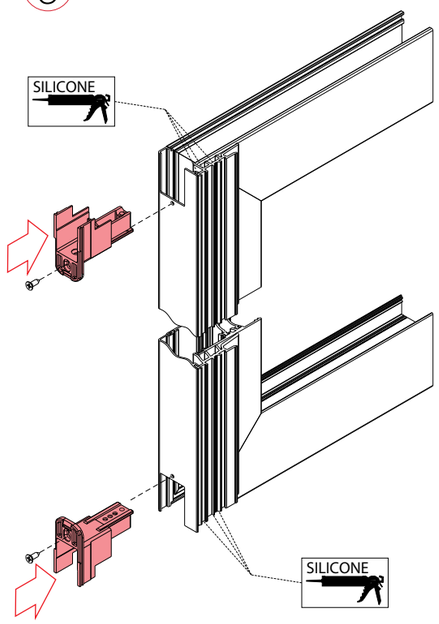

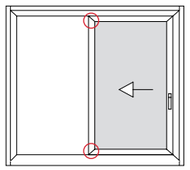

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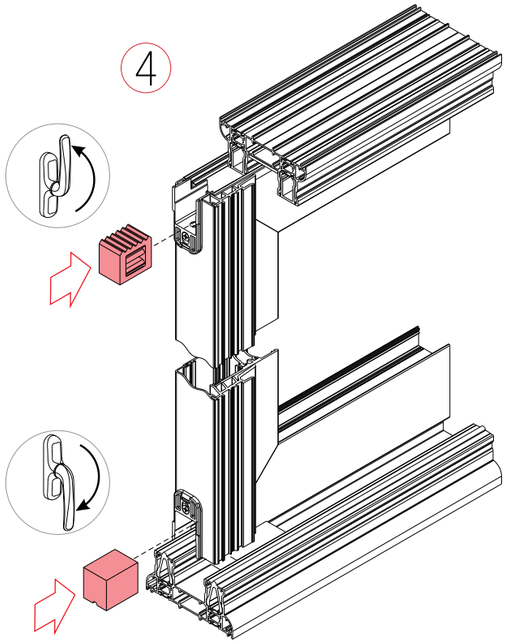
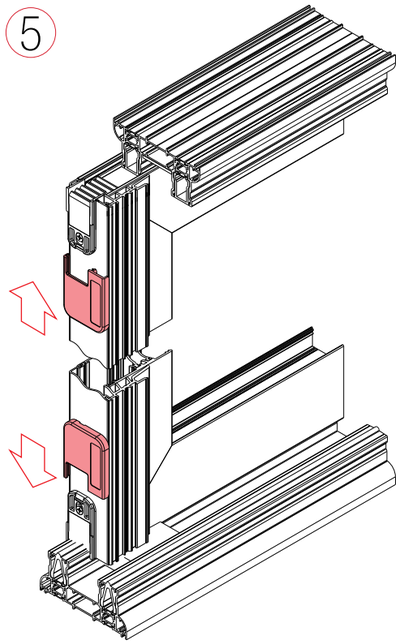


5



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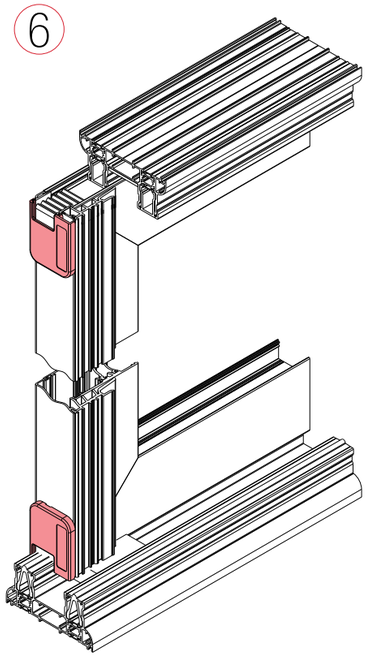
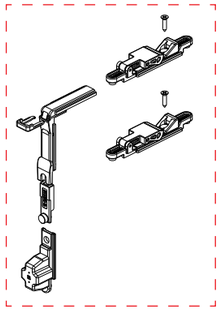
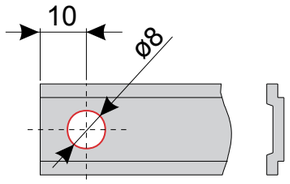


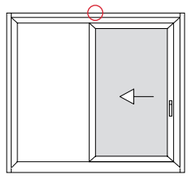
M20

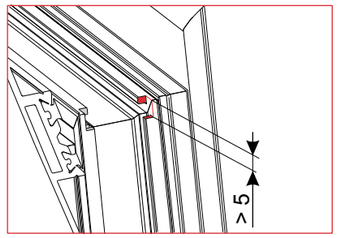
Montaggio kit antieffrazione versione alzante ACP 8026

Application burglary resistance system ACP 8026

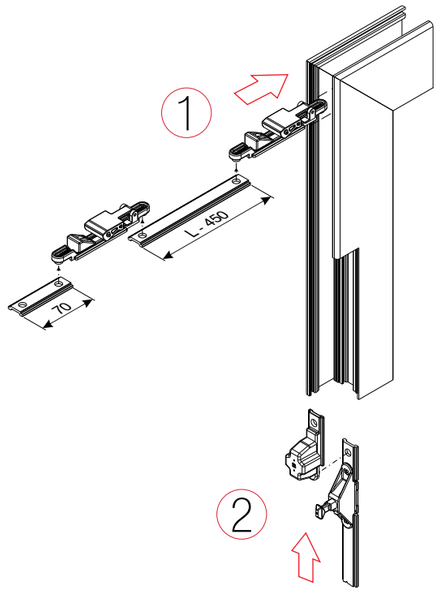


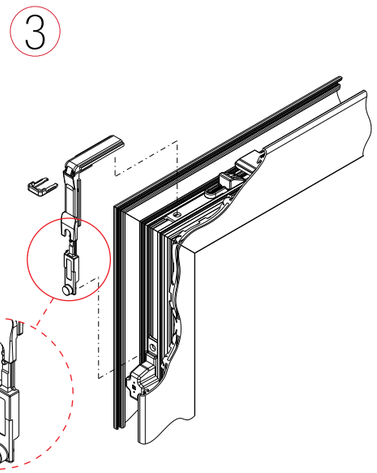


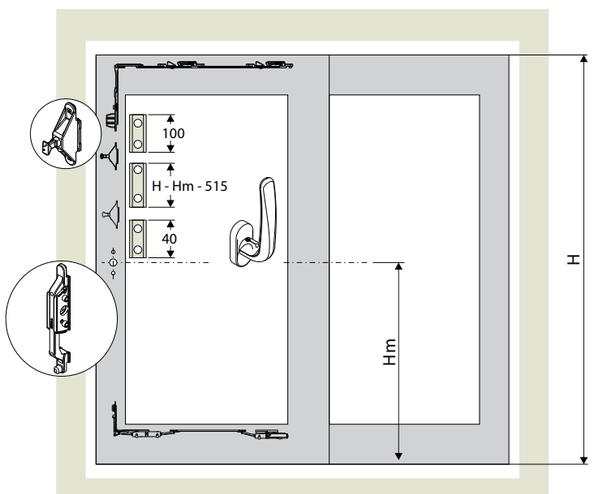


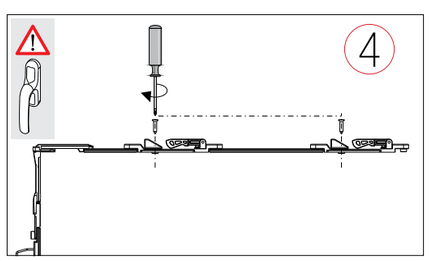


VEDI LAVORAZIONE L4
SEE WORK L4





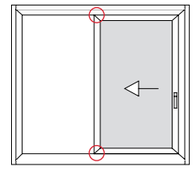


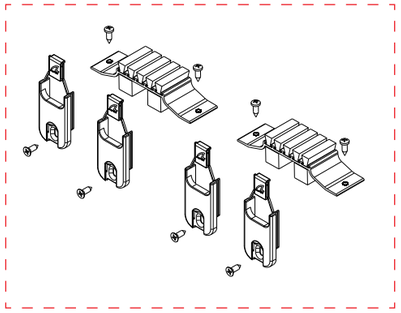


M21

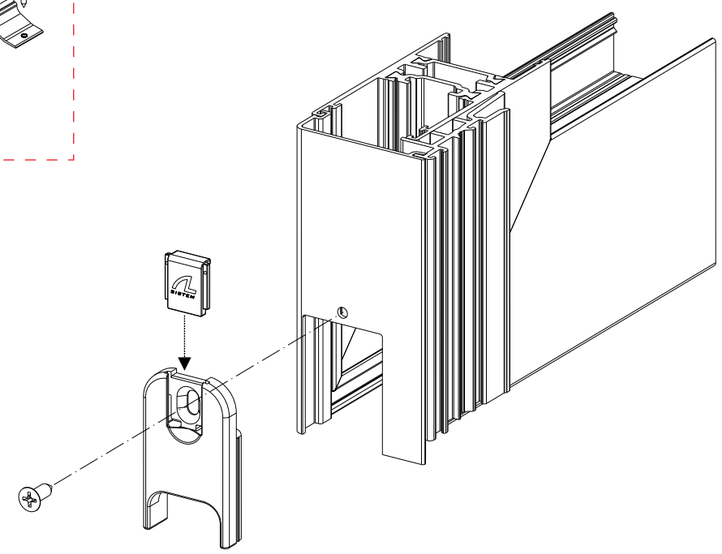
Montaggio kit tappi centrali e copri lavorazione versione scorrevole ACP 1603, ACP 1604, ACP 8003 e ACP 8004

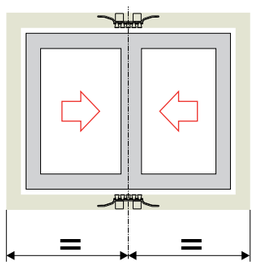
Application plug and cover plug kit, slide system ACP 1603 / ACP 1604 / ACP 8003 / ACP 8004

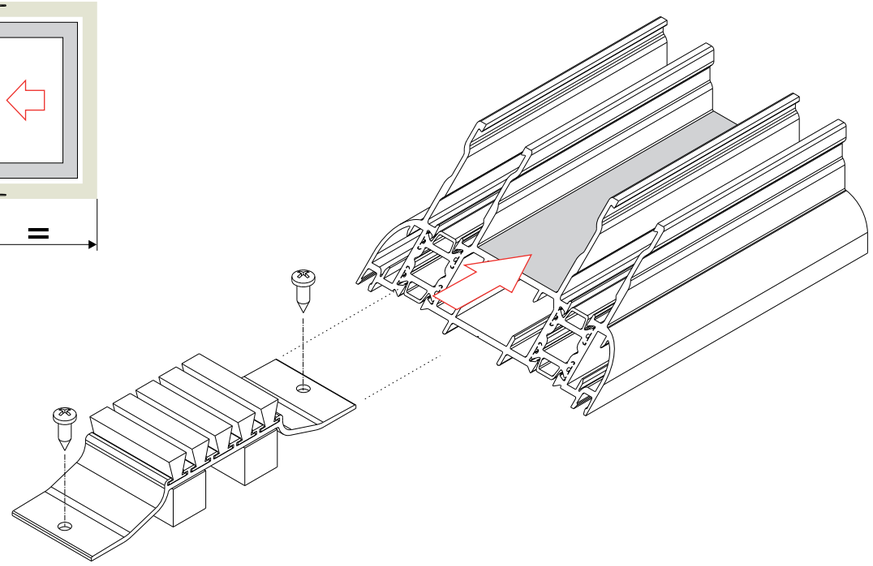




VEDI L6/7
SEE WORK L6/7



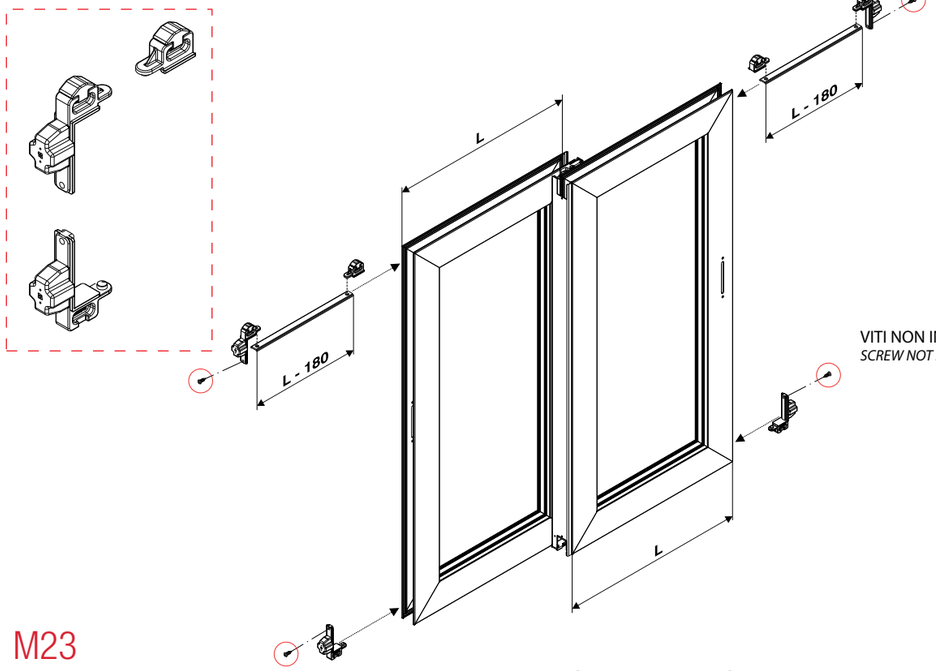


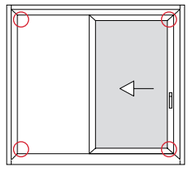


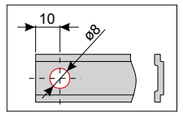
M22

Montaggio kit antisollevamento versione scorrevole
ACP 1603, ACP 1604 e ACP 8004

Application anti-lifting kit, slide system ACP 1603 / ACP 1604 / ACP 8004





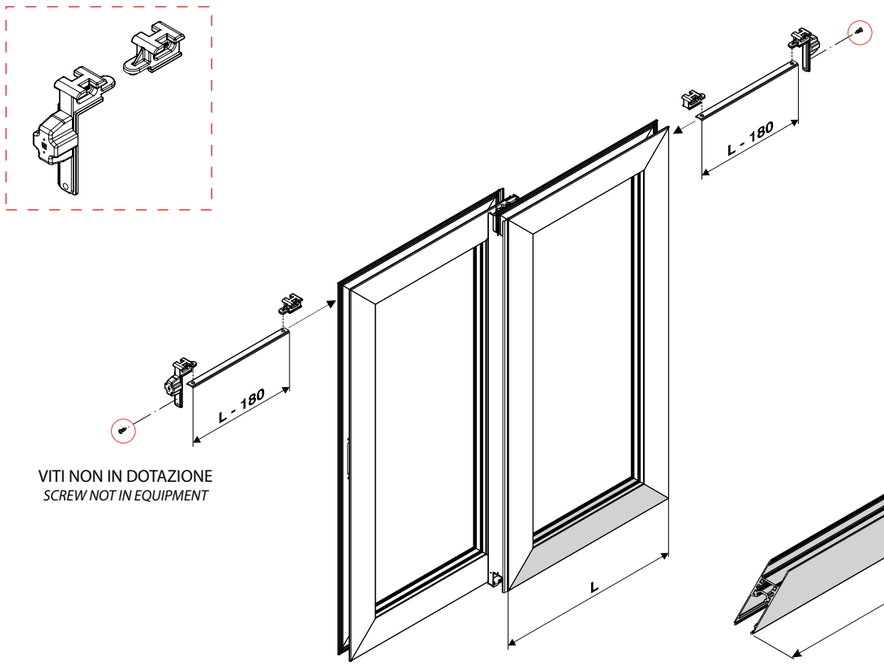


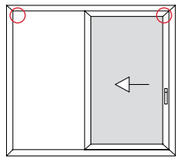
VITI NON IN DOTAZIONE
SCREW NOT IN EQUIPMENT

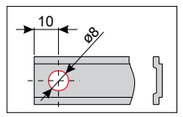
M23

Montaggio kit antisollevamento versione alzante ACP 1633M, ACP 8033M

Application anti-lifting kit, lift&slide system ACP 1633M / ACP 8033M





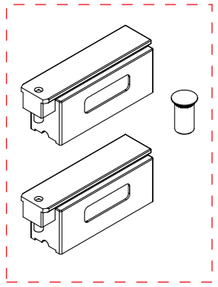


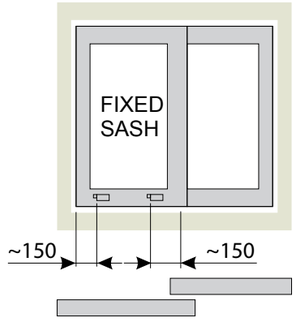
VITI NON IN DOTAZIONE
SCREW NOT IN EQUIPMENT

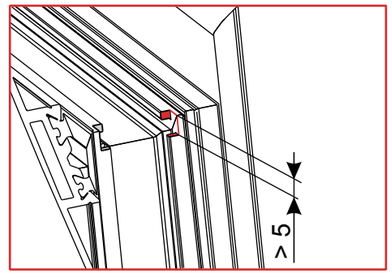
M24

Montaggio kit anta fissa ACP 1602

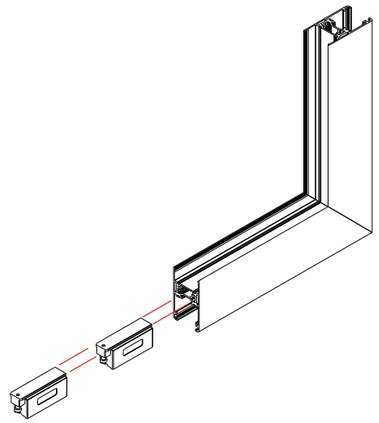
Application fixed sash kitt ACP 1602

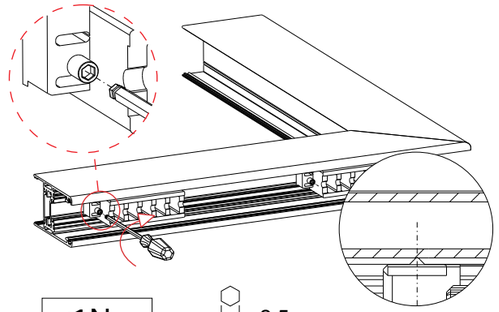


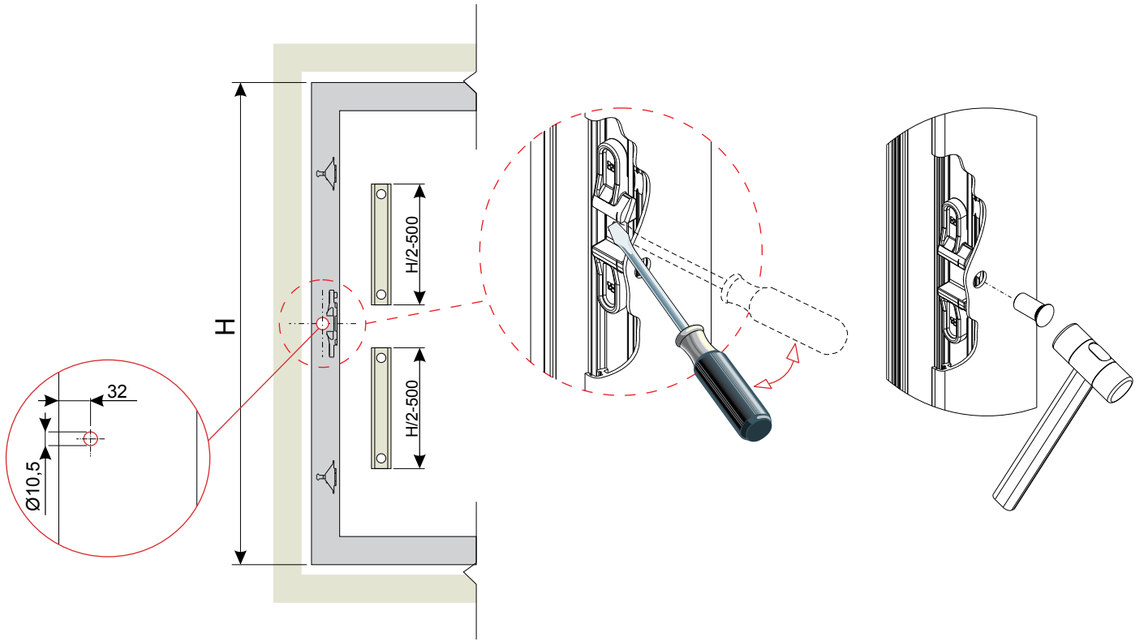




VEDI LAVORAZIONE L4
SEE WORK L4



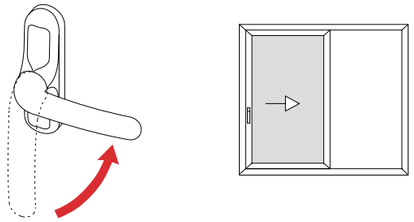


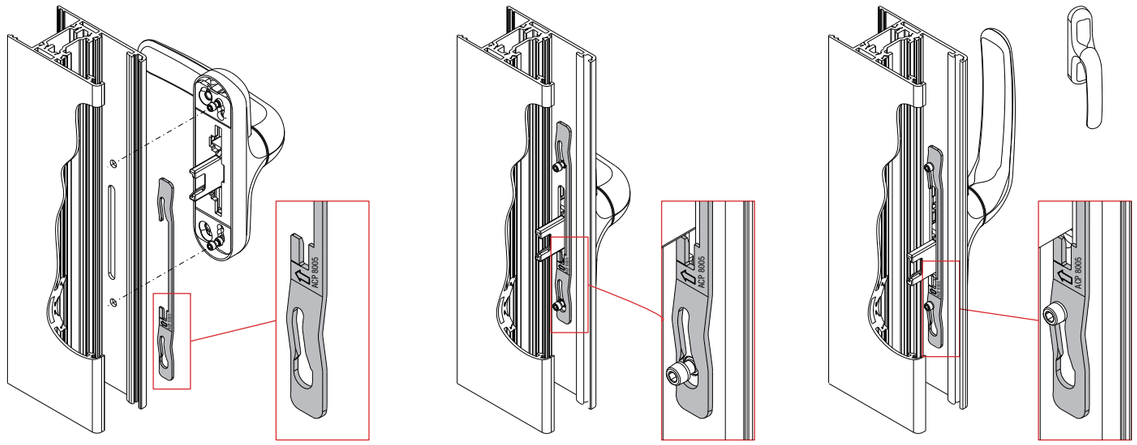


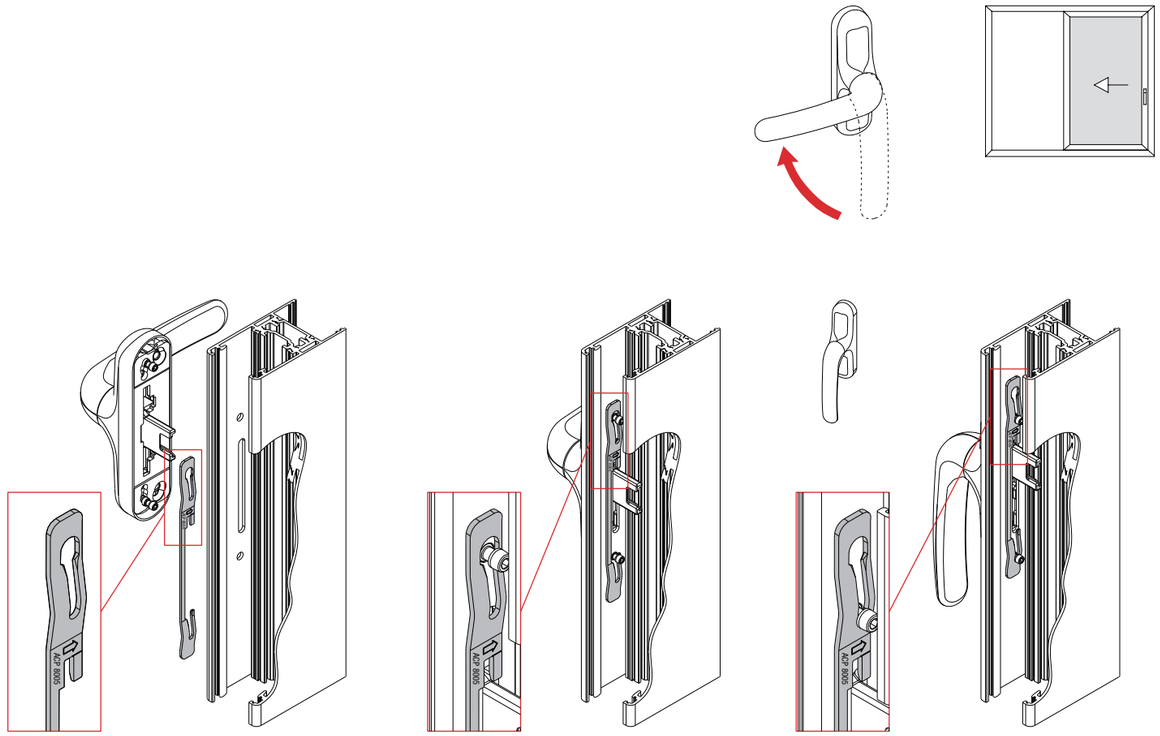
M25

Montaggio cremonese ACP 8005

Application handle ACP 8005



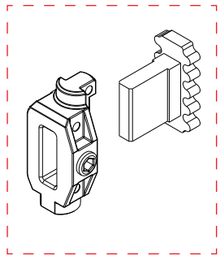


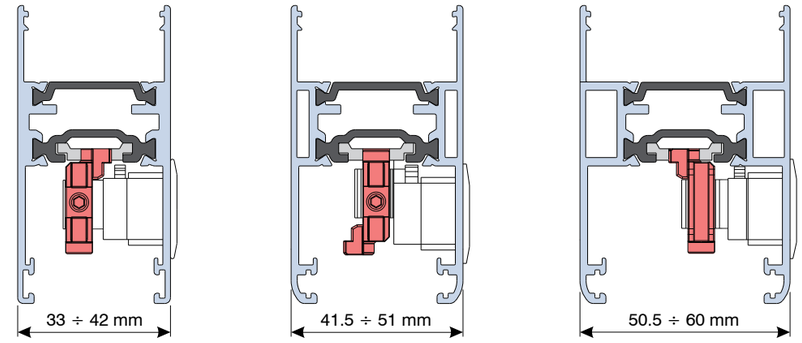


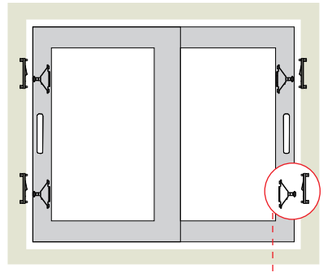
M26

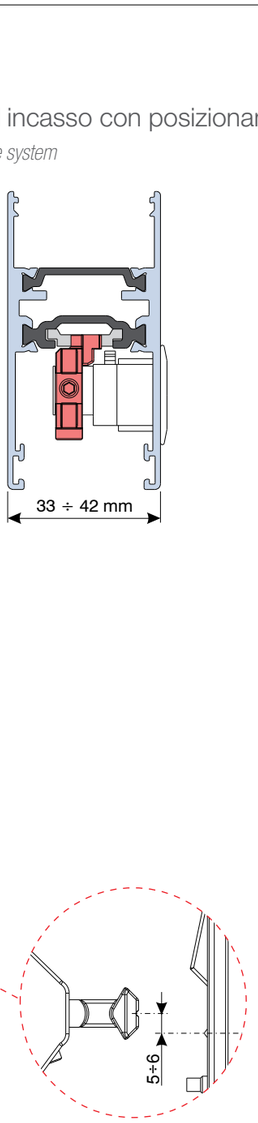
Montaggio traino maniglia ad incasso con posizionamento incontro per versione scorrevole ACP 8010

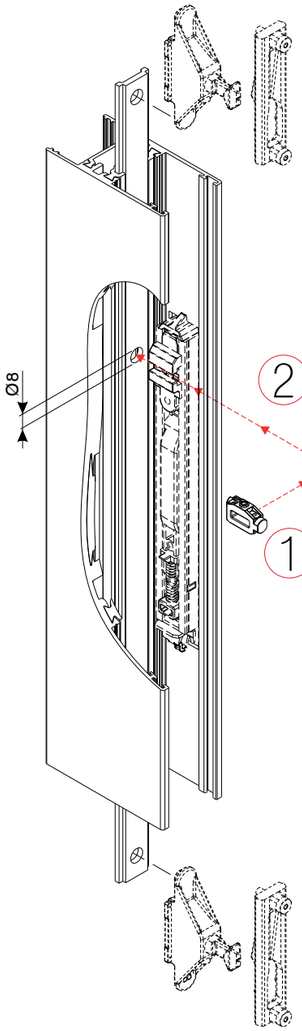
Application recessed handle ACP 8010, slide system

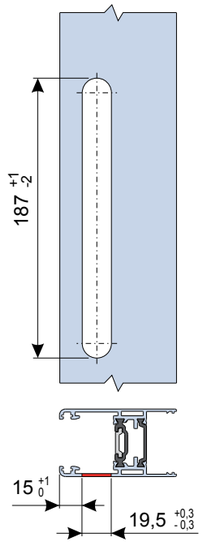




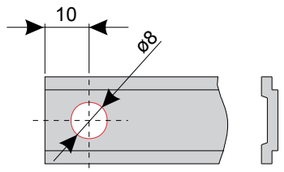








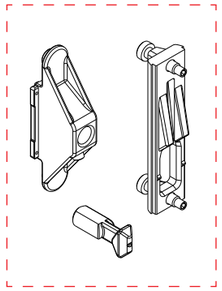
VEDI L3
SEE WORK L3

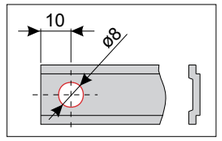


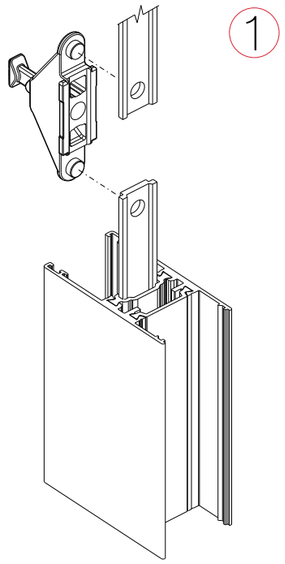
M27

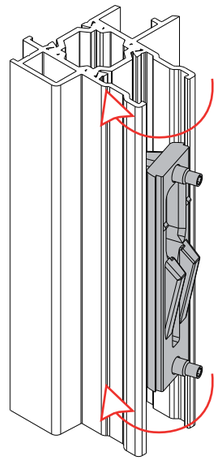
Montaggio kit chiusura versione alzante ACP 8012

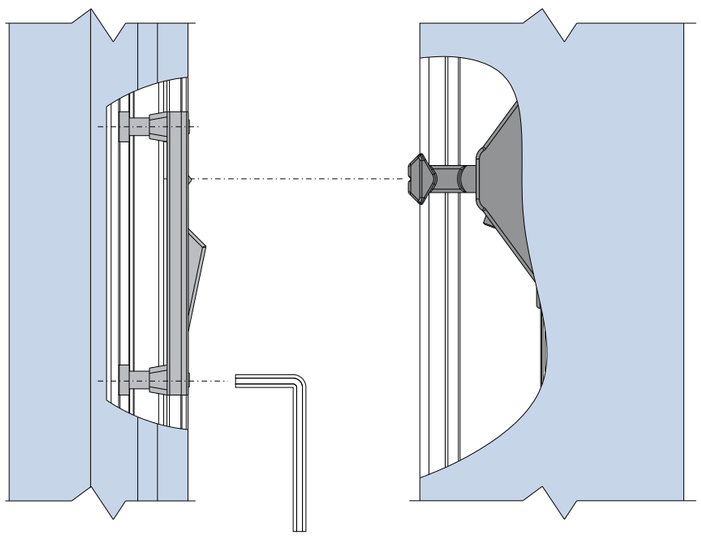
Application closure kit ACP 8012, lift&slide system

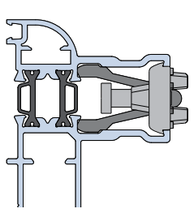


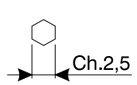


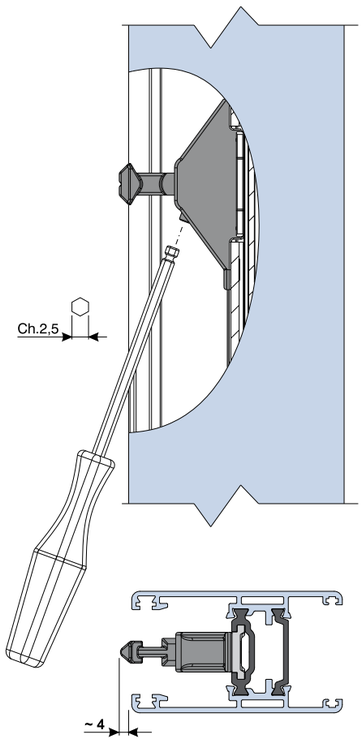








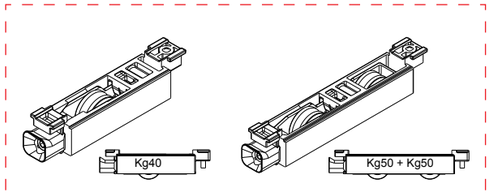


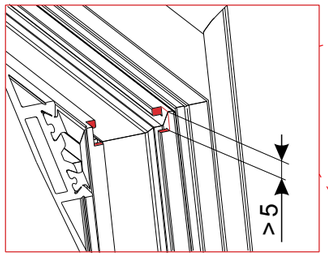


M28

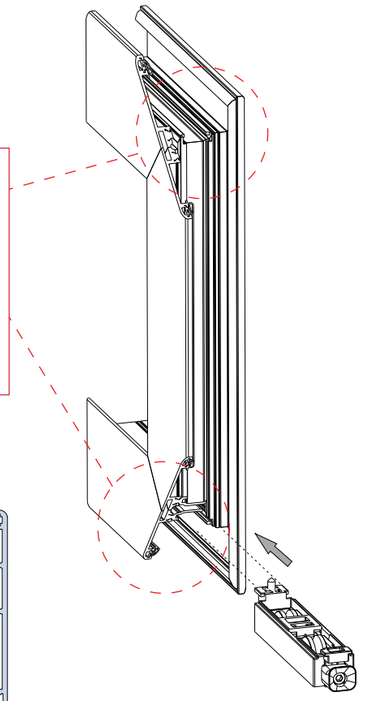
Montaggio carrelli versione scorrevole ACP 1603, ACP 1604, ACP 8003 e ACP 8004

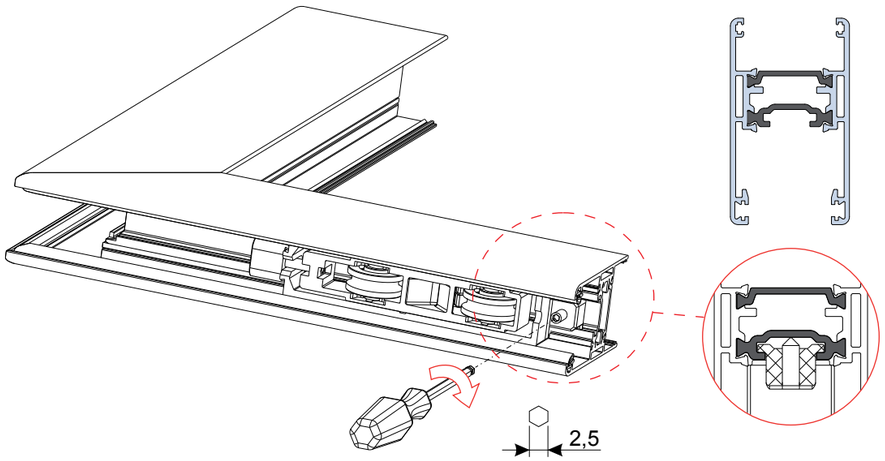
Application rails ACP 1603 / ACP 1604 / ACP 8003 / ACP 8004, slide system

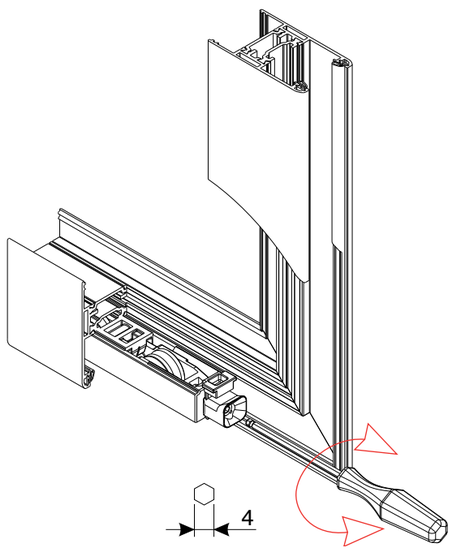


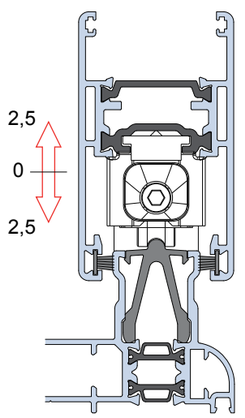


VEDI LAVORAZIONE L4
SEE WORK L4





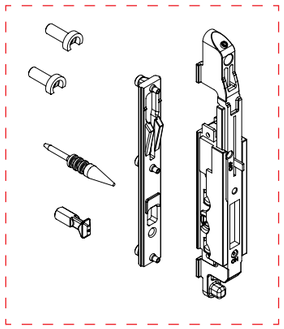


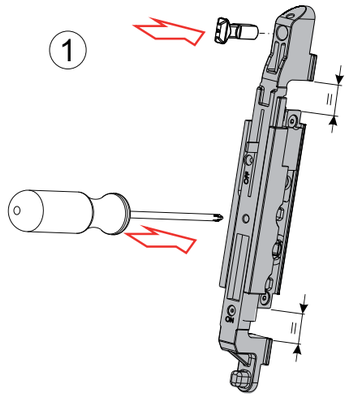


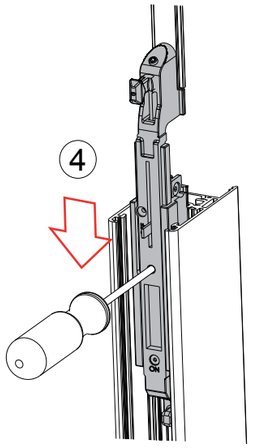
M29

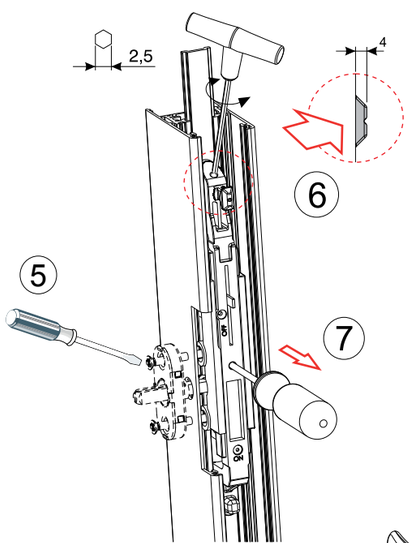
Movimentazione interna per martellina ACP 8002

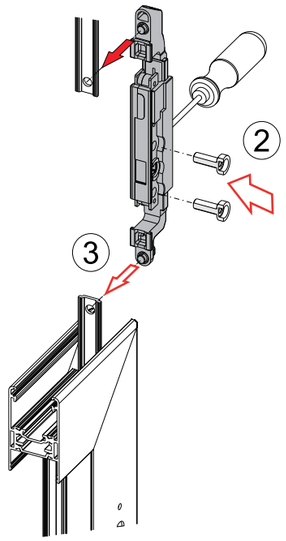
Inner movement for handle ACP 8008

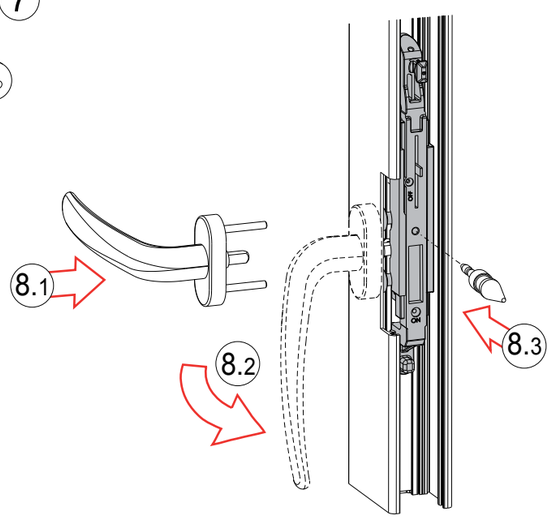


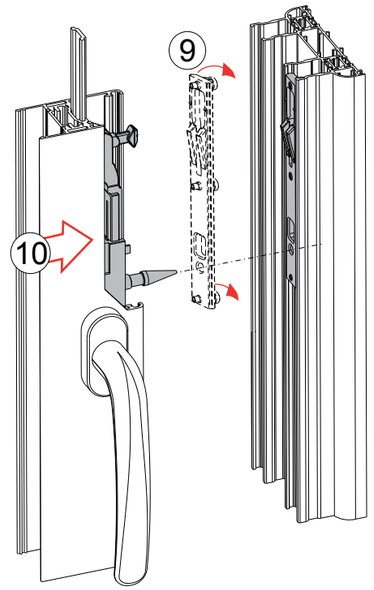


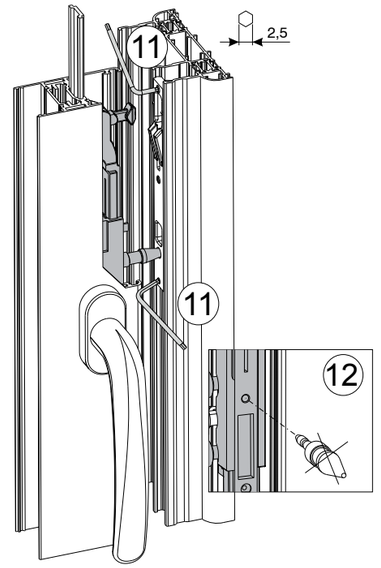








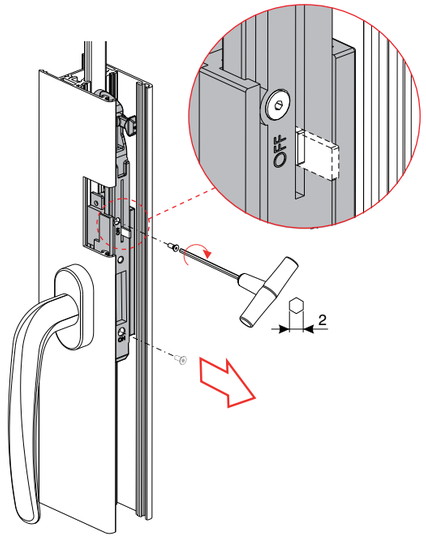


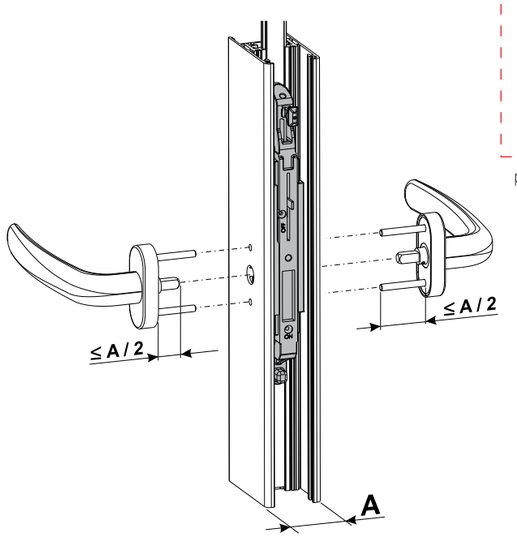


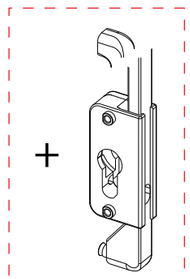
M19

Applicazione doppia martellina ACP 8014

Application double handle ACP 8014





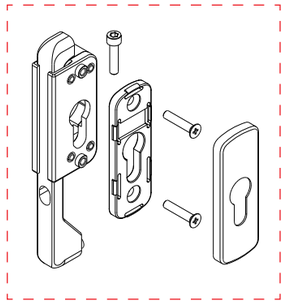


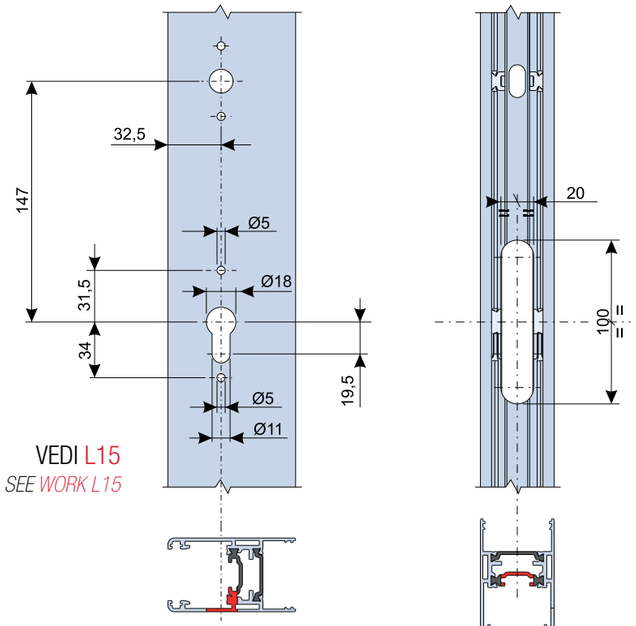
per versione con serratura
VEDI PAG.178

M30

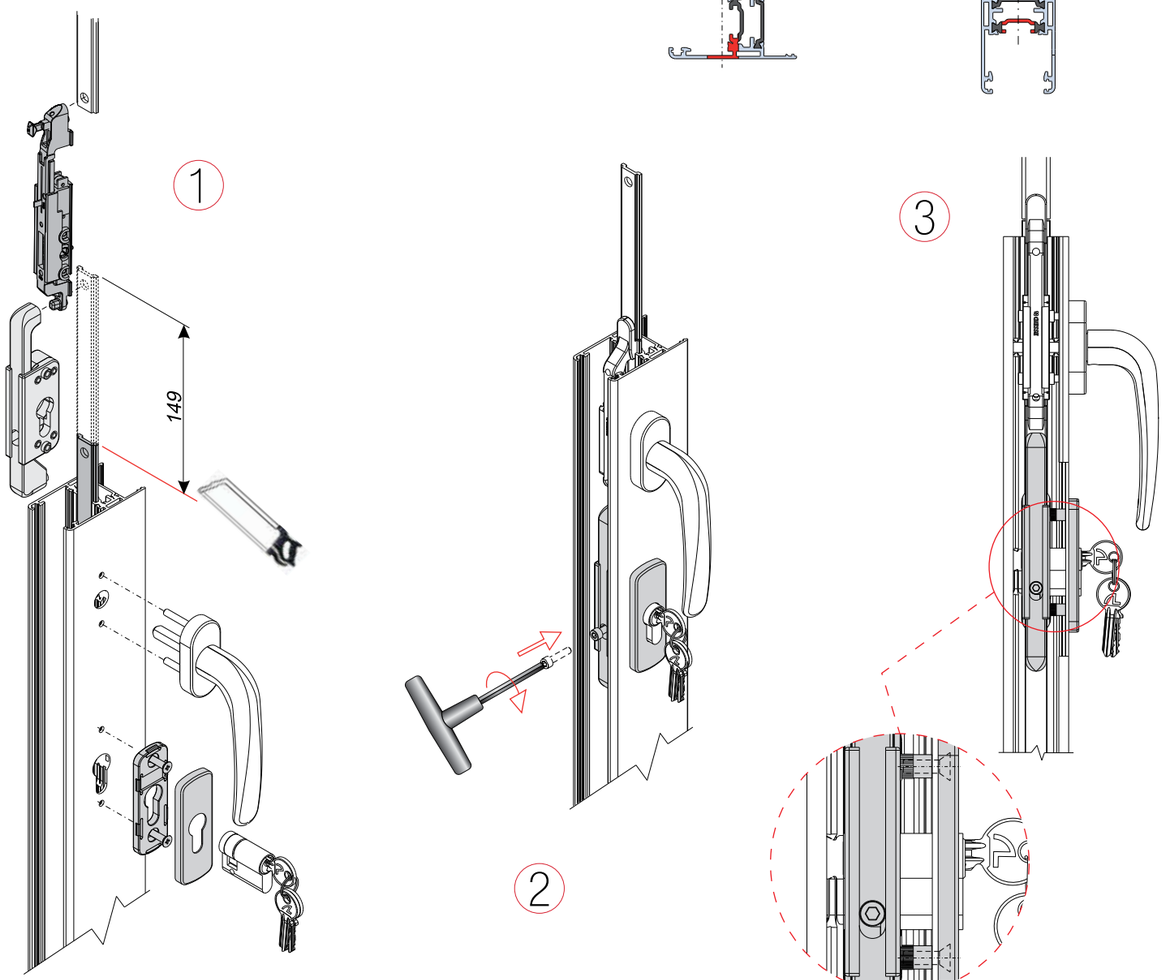
Montaggio serratura di sicurezza antieffrazione ACP 8020

Application burglary resistance lock ACP 8020





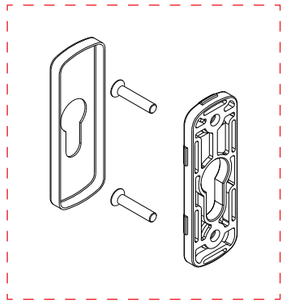
VEDI L15
SEE WORK L15

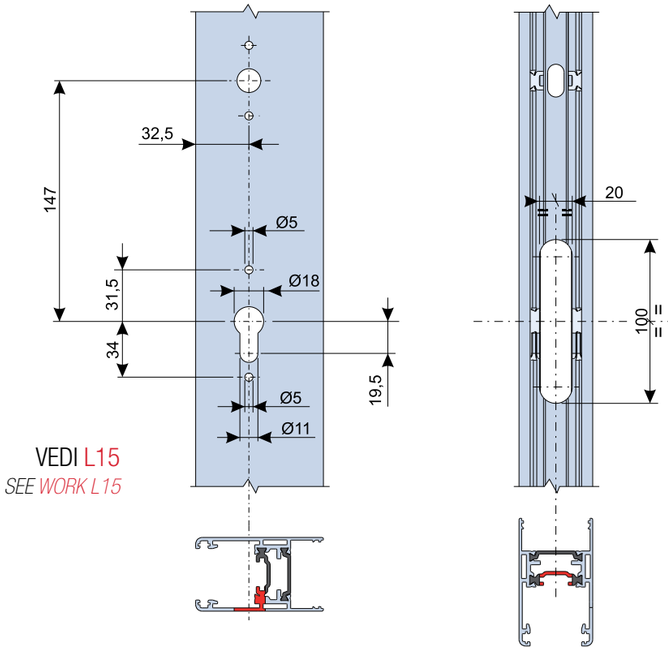


M31

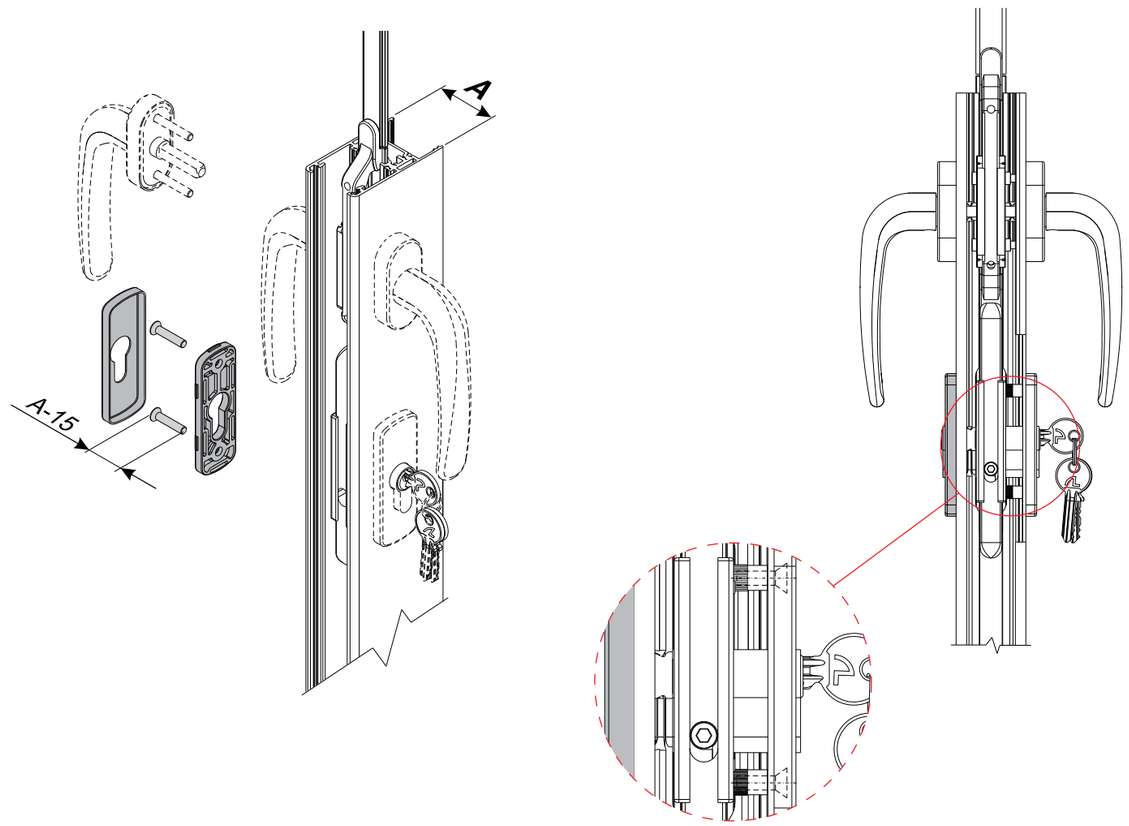
Montaggio borchia esterna ACP 8022

Application lock ACP 8022





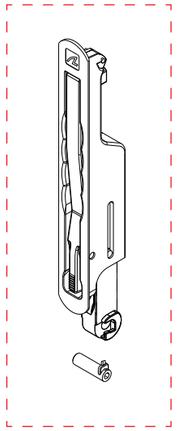
VEDI L15
SEE WORK L15

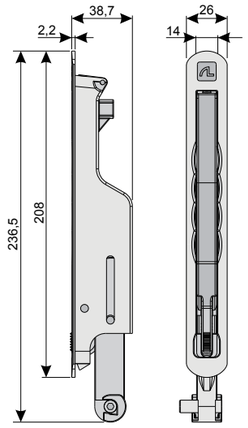


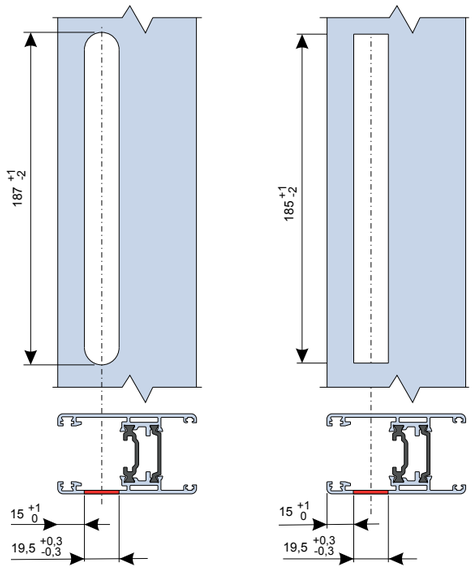
M32

Montaggio maniglia a leva versione alzante ACP 8018

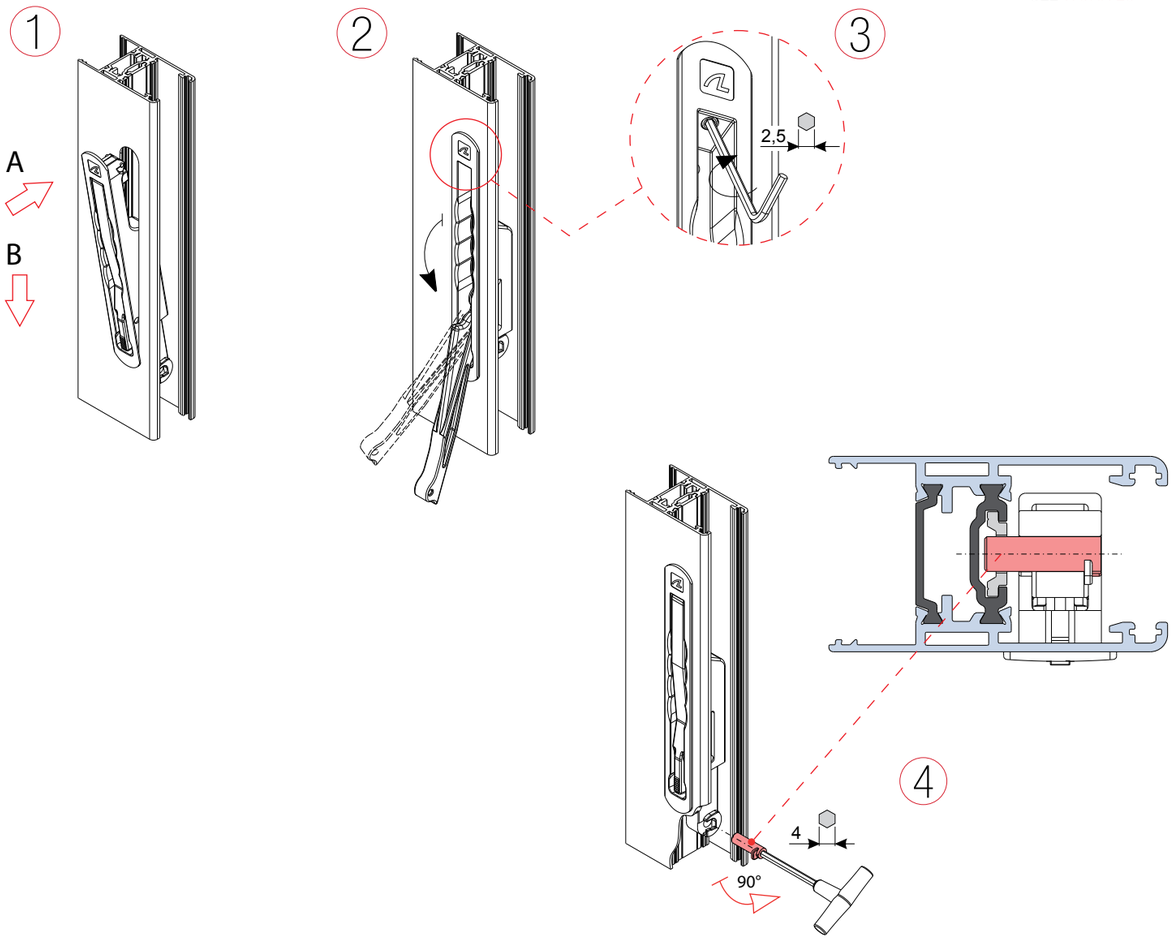
Application recessed lever handle ACP 8018







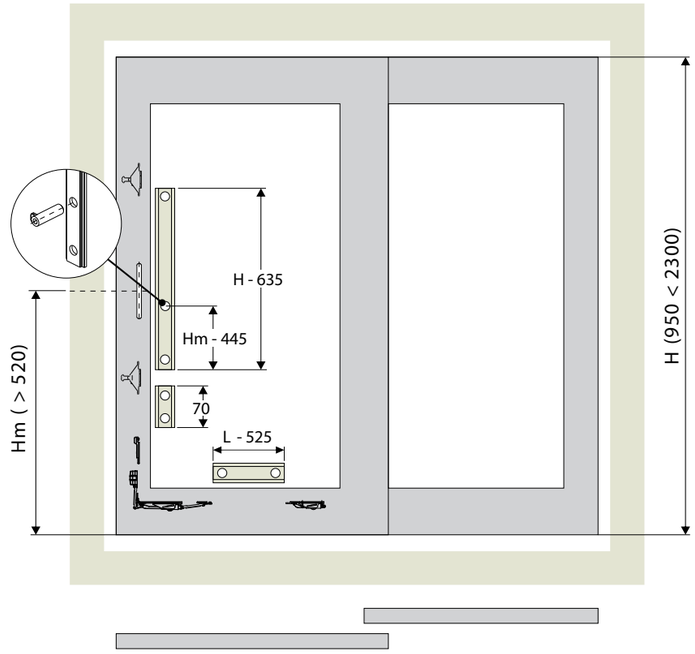
VEDI L3
SEE WORK L3

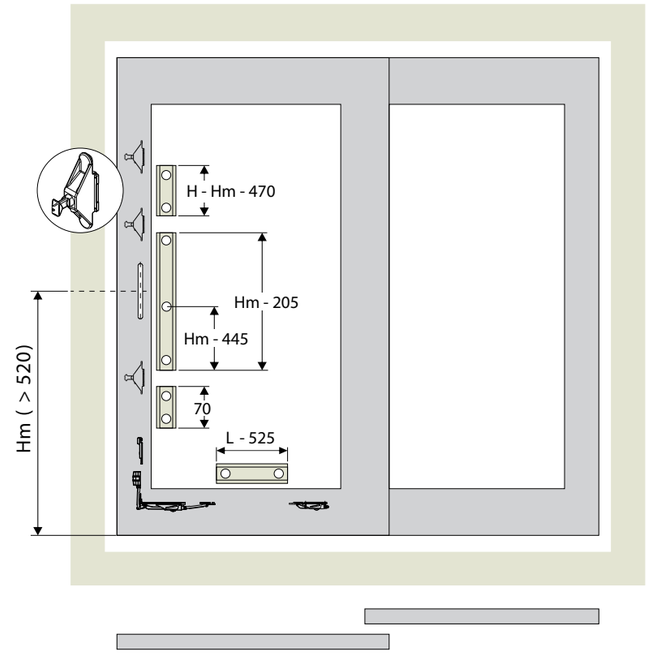


M33

Distinta taglio astina con maniglia a leva per ACP 8017M

Rod + lever handle cut list for ACP 8017M

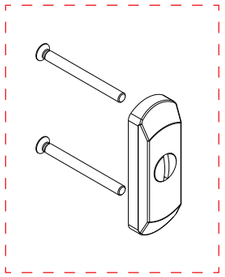


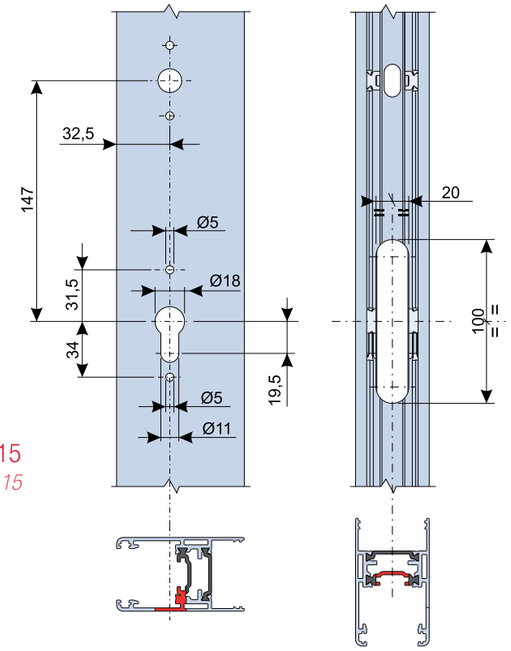


M34

Montaggio borchia esterna antieffrazione ACP 8025

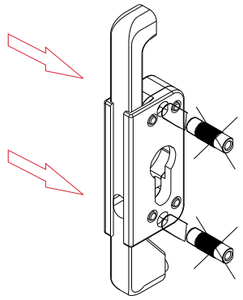
Application burglary resistance lock ACP 8025





VEDI L15
SEE WORK L15

1



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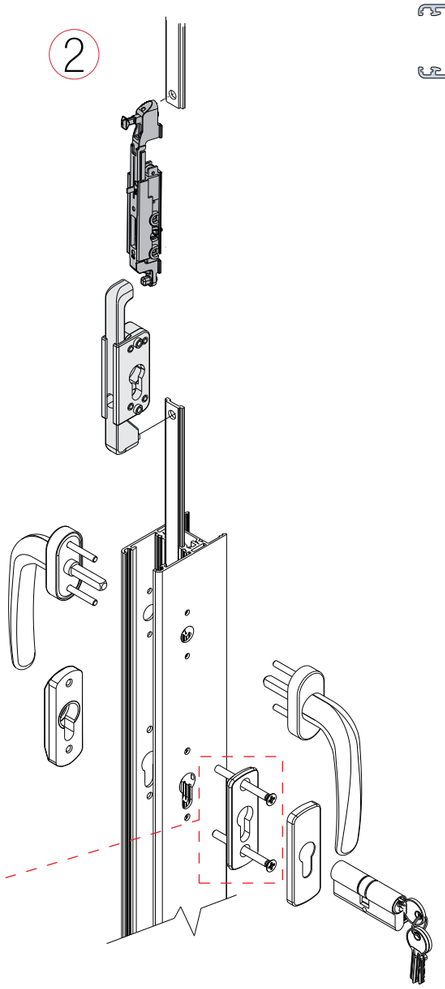

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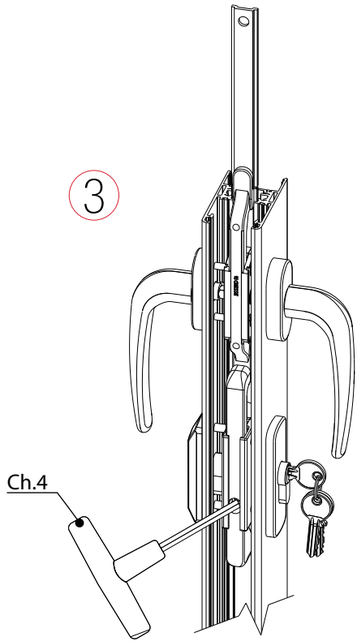
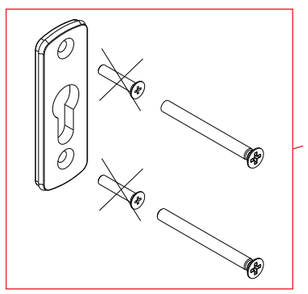
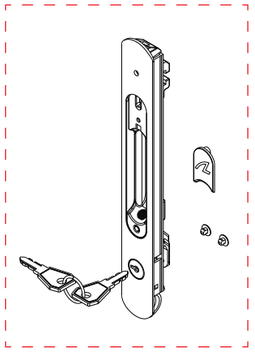


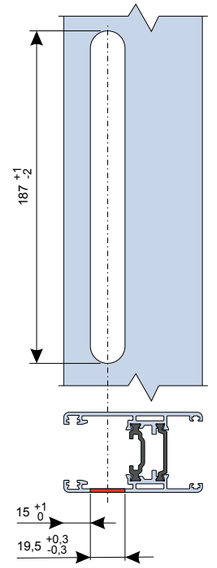


M35

Montaggio maniglia ad incasso con chiave ACP 8011

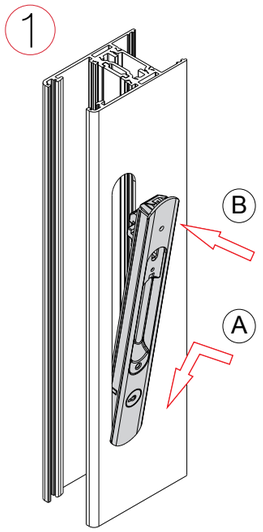
Application recessed handle + key ACP 8011





VEDI L3
SEE WORK L3

1



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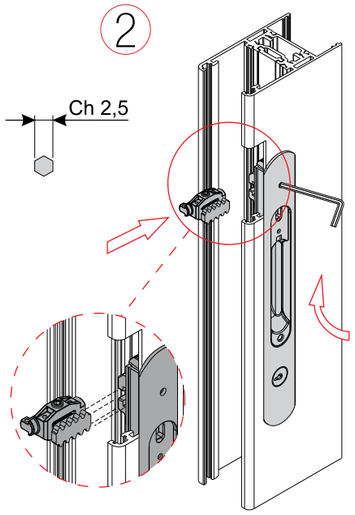

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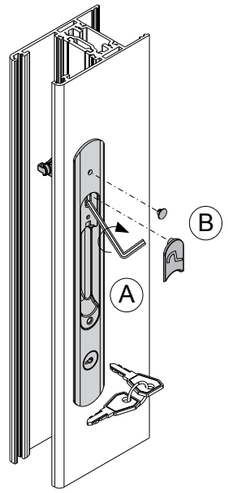

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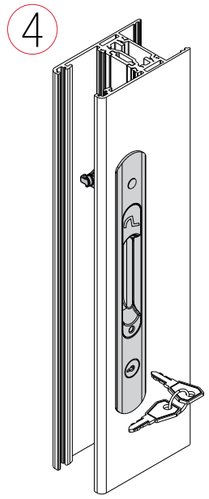
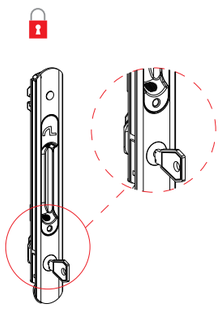
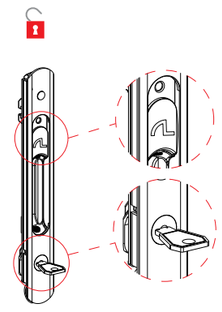
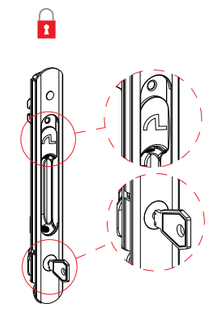




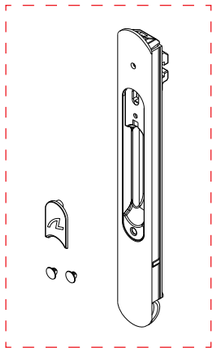




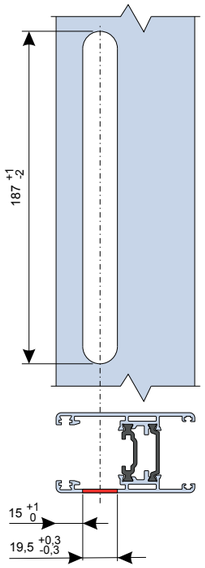
M36

Montaggio maniglia ad incasso ACP 8009

Application recessed handle ACP 8009



VEDI L3
SEE WORK L3



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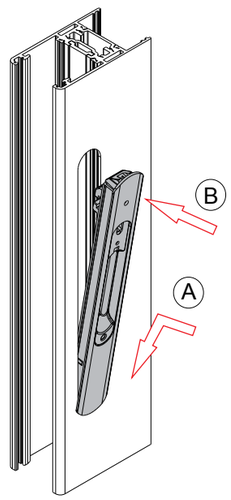

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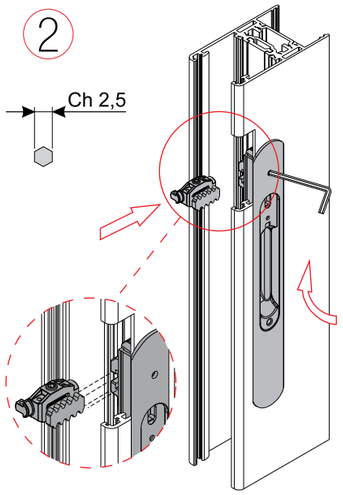

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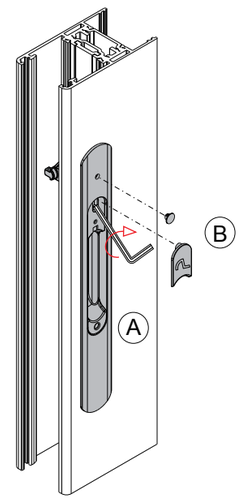

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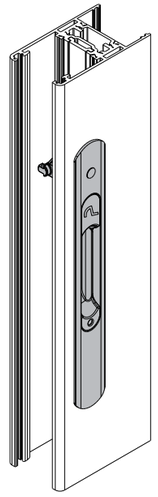
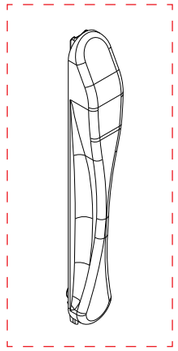


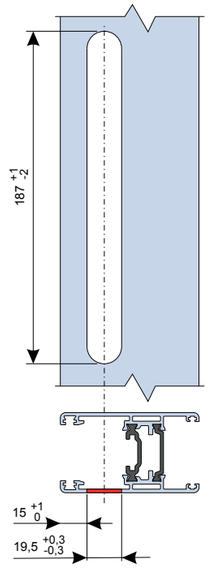
M37

Montaggio maniglia esterna traino astina ACP 8051

Application external handle ACP 8051

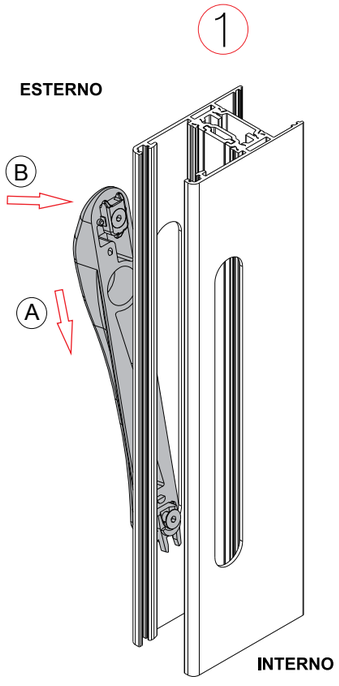


VEDI L3
SEE WORK. L3



1

ESTERNO



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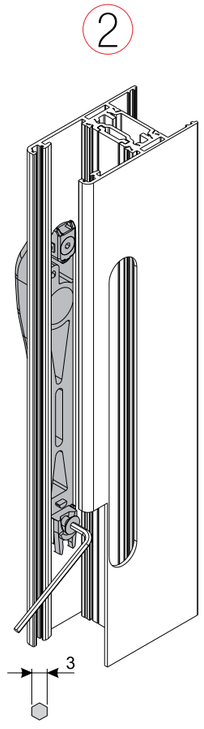

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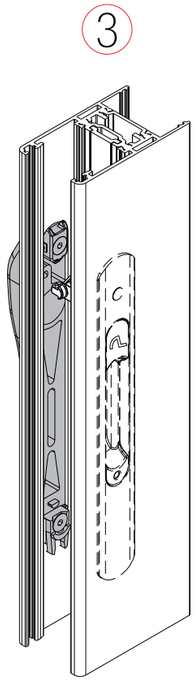
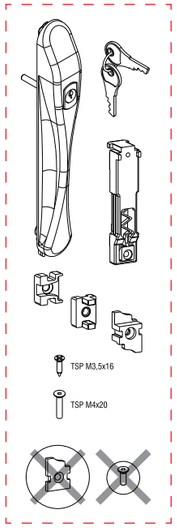
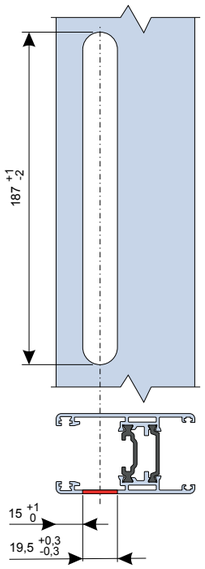


M38

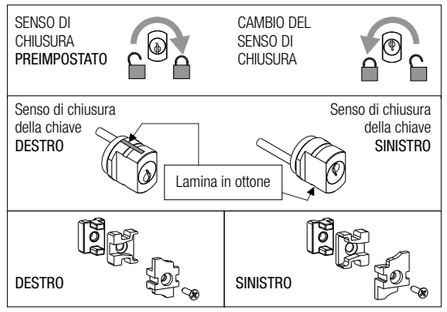
Montaggio maniglia esterna traino astina con chiave ACP 8052

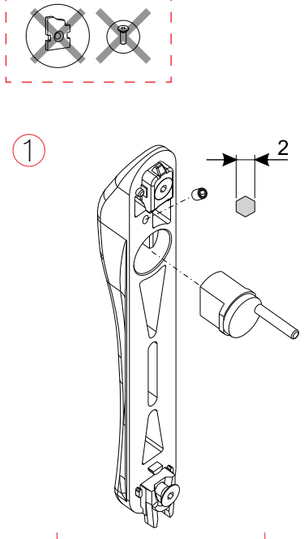
Application external handle + key ACP 8052

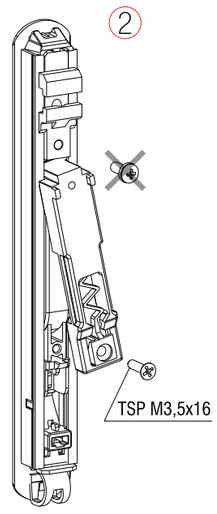


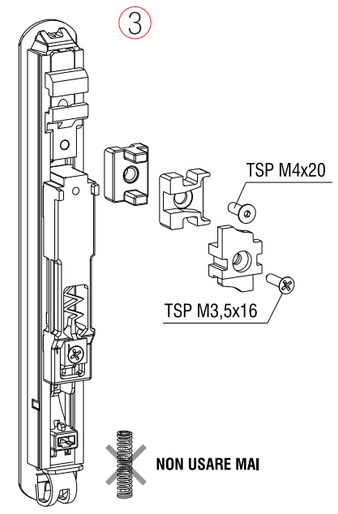


VEDI L3
SEE WORK L3



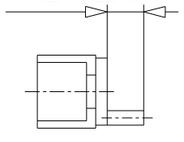


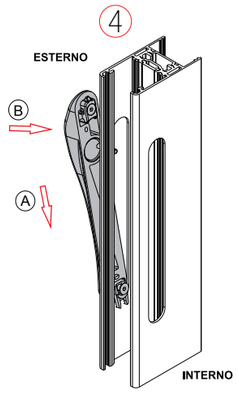


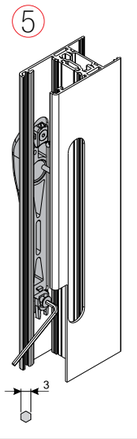


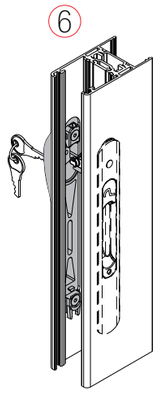
DETERMINAZIONE DELLA LUNGHEZZA DEL PIOLO DI COMANDO SULLA MANIGLIA

L - 24





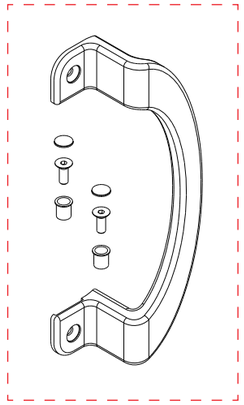


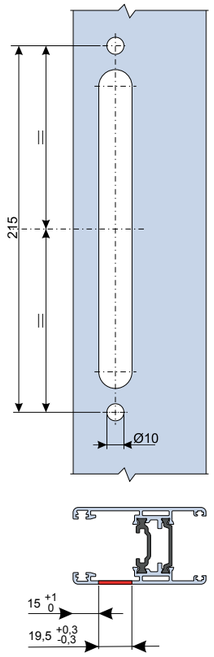


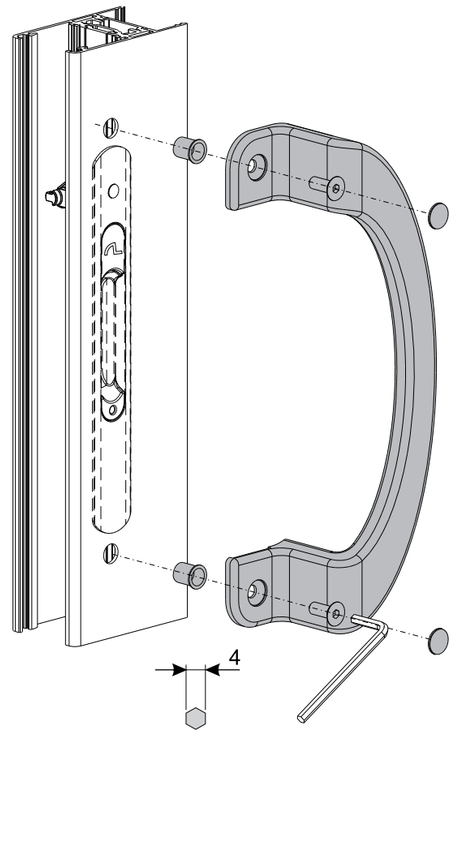
M39

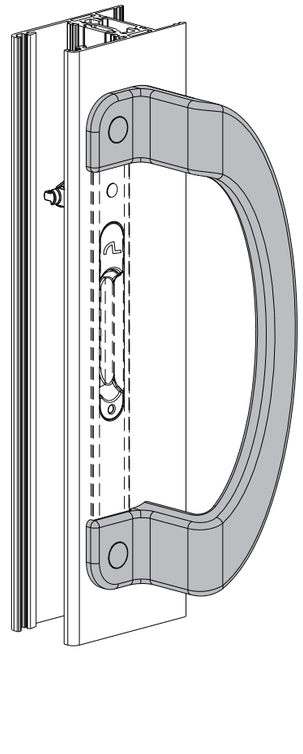
Montaggio maniglione di traino ACP 8050

Slide handle application ACP 8050









NOTE

Sistemi scorrevoli e alzanti

SLIDE 60

Sistema non isolato, essenziale e funzionale.
Con zanzariera prevista e integrata nel sistema

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

SLIDE 65

Sistema a taglio termico essenziali e funzionali con zanzariera prevista e integrata al sistema

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

SLIDE 80/106 plus

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

Revolutionary thermal break system providing excellent thermal and acoustic performance

TOP SLIDE 160

Sistema a taglio termico per serramenti alzanti con portate fino a 400 kg, 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

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

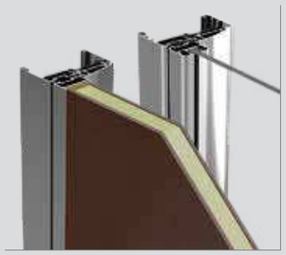
Structural curtain wall with transom/mullion

Sistemi per porte

SIRIO SON

Sistema per facciate continue a nastri

Ribbon windows system



EASY DOOR

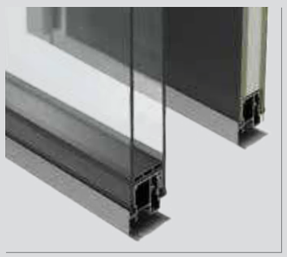
Sistema per la costruzione di porte interne di alto design ad ante o porte scorrevoli di ogni tipologia, finitura estetica e colore

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



ELITE DOOR 72

Sistema a taglio termico concepito per porte solide ed eleganti. Marcata CE con soglia calpestabile e maniglione antipanico per le vie di fuga

Thermal break system designed for robust elegant doors. EC markings with threadable threshold and anti-panic handle for emergency exit

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