

RONDO

Profile system Gealan S8000 with 6 chambers Profilsystem Gealan S8000 mit 6 Kammer Sistema di profili Gealan S8000 con 6 camere Sistemul de profile cu 6 camere Gealan S8000



Profile System Manufacturer
Gealan Fenster-Systeme GmbH
Hofer Strasse 80, Oberkotzau
Deutschland



Heat transfer coefficient
Wärmedurchgangskoeffizient
Trasmittanza termica
Transmitanta termica
up to
bis
fino a
pana la $U_f = 1,2 \text{ W/(m}^2\text{K)}$



Resistance to wind load
Widerstandsfähigkeit
gegen Windlast
Resistenza ai carichi di vento
Rezistentă la încărcarea din vânt
up to
bis
fino a
pana la Clasa C5/B5



Tightness against driving rain - unprotected (A)
Schlagregendichtheit - Ungeschützt (A)
Tenuta all'acqua metodo di prova A
Etanșeitatea la apă expunere directă
up to
bis
fino a
pana la 9A



Air permeability
Luftdurchlässigkeit
Tenuta all'aria
Permeabilitatea aerului
up to
bis
fino a
pana la Clasa 4

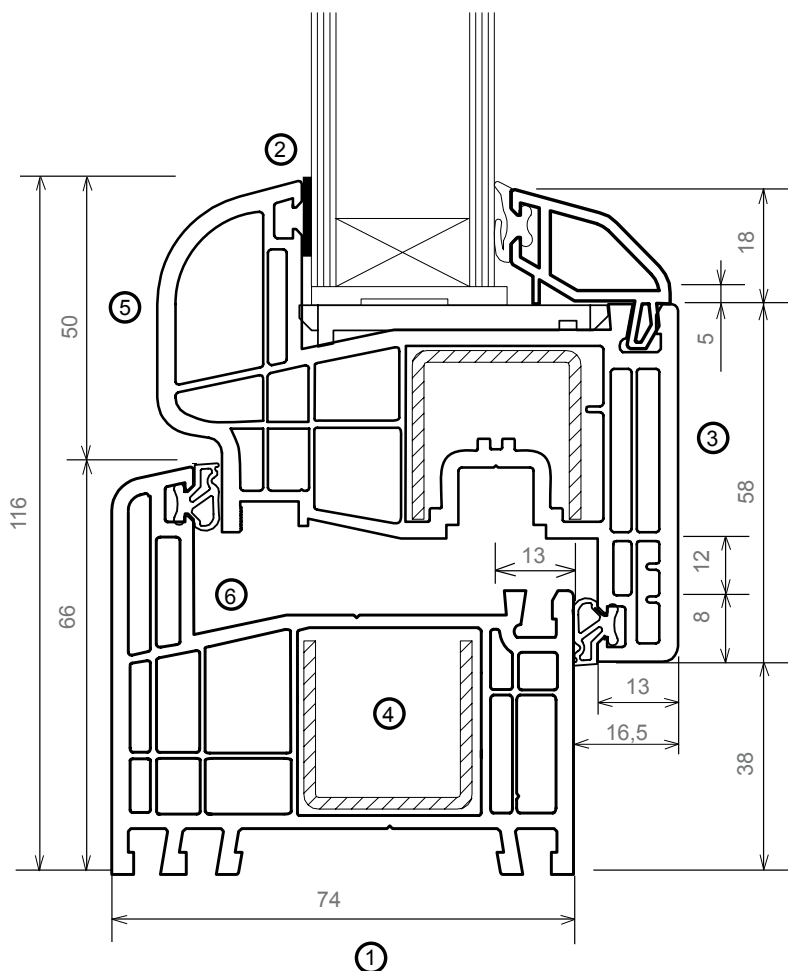


Sound insulation
Schallschutz
L'isolamento acustico
Izolarea acustică
up to
bis
fino a
pana la 47 dB



Burglar-resistant
Einbruchhemmung
Resistenza antieffrazione
Rezistentă la antifracție
up to
bis
fino a
pana la RC 2 (WK 2)

System features / Systemmerkmale / *Caratteristiche del sistema* / Caracteristici Sistem



1. A construction depth of 74 mm ensures excellent heat and sound insulation
2. GEALAN-STV® is the ground-breaking system for bonding panes and casement, that delivers decisive benefits
3. Efficient use of material in the profile design saves resources and thus helps the environment
4. Very good rigidity due to large steel stiffeners in the frame and sash
5. Available in either flat profile with a bevelled glazing bead, or semiflush with round glazing beads
6. Easy to clean, thanks to a generously large sash rebate

GER

1. 74 mm Bautiefe sorgen für gute Wärme- und Schalldämmung
2. GEALAN-STV® ist das bahnbrechende System, um Scheibe und Flügelüberschlag trocken zu verkleben
3. Materialoptimierte Profilgeometrie schont Ressourcen und damit die Umwelt
4. Gute Stabilität durch große Stahlaussteifungen in Blendrahmen und Flügel
5. Klassische Linienführung der harmonisch abgestuften Außenansicht
6. Hohe Reinigungsfreundlichkeit durch groß dimensionierten Blendrahmenfalz

ITL

1. Profondità di costruzione del telaio 74 mm che assicura un'eccellente isolamento termico e acustico
2. STV® - GEALAN è il sistema rivoluzionario, di incollaggio a secco tra vetro e la battuta dell'anta che fornisce dei vantaggi notevoli
3. Uso efficiente dei materiali nella progettazione profilo consente di risparmiare risorse e, quindi, aiuta l'ambiente
4. Straordinaria stabilità grazie ai rinforzi utilizzati nel telaio e nell'anta
5. All'esterno del nodo ci sono due possibilità di scelta tra anta a sezione quadra o tonda
6. Facile da pulire con battuta battente di grandi dimensioni

ROM

1. Adancime de constructie de 74 mm pentru proprietati deosebite de izolare termica
2. Sistemul inovator GEALAN-STV® de lipire uscata a sticlei ofera multiple avantaje
3. Utilizare eficienta a materialelor in proiectarea profilului conserva resursele contribuind la protectia mediului
4. Stabilitate foarte buna datorita armaturii de otel groase din toc si cercevea
5. Design clasic fara varsta, cu baghete si cercevele rotunjite sau drepte
6. Usor de curatat datorita canalului de mari dimensiuni a tocului

Color program / Dekorübersicht / Programma Colori / Program culori

Dekore Pellicola Folie	Color shades	Laminated		Support material	Renolit code	Gasket
	Farbbezeichnung Colore Denumire culoare	ext	int	Trägermaterial Colore Massa Material Bază	Renolit Code Codice Renolit Cod Renolit	Dichtung Guarnizione Garnitura
Wood grain / Holzdekore / Effetto Legno / Imitatie Lemn	Sheffield Oak Light	x	x	braun	F456-3081	gray
	Sheffield Oak Grey	x	x	braun	F436-3086	gray
	Eiche Natur	x	x	braun	9.03118076-116800	gray
	Bergkiefer	x	x	braun	9.3069041-116700	gray
	Oregon	x	x	braun	9.1192001-116700	gray
	Streifen-Douglasie	x	x	braun	9.3152009-116700	gray
	Winchester XA	x	x	braun	9.0049240-114800	gray
	Golden Oak	x	x	braun	9.2178001-116700	black
	Soft Cherry	x	x	braun	9.3214009-119500	gray
	Siena PR	x	x	braun	9.0049233-114800	gray
	Siena PN	x	x	braun	9.0049237-114800	black
	Nussbaum V	x	x	braun	9.2178007-116700	black
	Eiche Dunkel FL-F1	x	x	braun	9.2052089-116700	black
	Mooreiche ST-F	x	x	braun	9.3167004-116700	black
	Macore	x	x	braun	9.3162002-116700	black
	Sapeli	x	x	braun	9.2065021-116700	black
	Black Cherry	x	x	braun	9.3202001-116700	black
	Desert Oak	x	x	braun	2.0057.004-130300	black
	Mountain Oak	x	x	braun	2.0057.006-130300	black
Single Colors / Uni-Farben / Uni-colore / Culori Uni	Crystal White Ash	x	x	white	47 852-117900	gray
	Cremeweiss	x	x	white	02.20.11.000001-116700	gray
	Lichtgrau 7251	x	x	white	725105-116700	gray
	Grau 7155	x	x	white	715505-116700	gray
	Basaltgrau 7012	x	x	white	701205-116700	gray
	Anthrazitgrau	x	x	white	701605-116700	black
	Anthrazitgrau 7016 Glatt	x	x	white	701605-808300	black
	Dunkelrot 3081	x	x	white	308105-116700	black
	Winerot 3005	x	x	white	300505-116700	black
	Moosgrün 6005	x	x	white	600505-116700	black
	Dunkelgrün 6125	x	x	white	612505-116700	black
	Schwarzbraun 8518	x	x	white	851805-116700	black
	Metbrush Aluminium	x	x	white	F436-1001	gray
	Metbrush Messing	x	x	white	F436-1007	gray

Nachweis Energieeinsparung und Wärmeschutz

Prüfbericht 402 29298/2



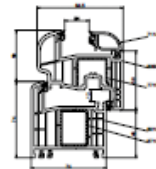
Auftraggeber **GEALAN Fenster-
Systeme GmbH**
Hofer Straße 80

95145 Oberkotzau

Grundlagen

EN 12412-2 :2003-07
Bestimmung des
Wärmedurchgangskoeffizienten
mittels des
Heizkastenverfahrens, Teil 2:
Rahmen
Entspricht der nationalen
Fassung DIN EN .

Darstellung



Verwendungshinweise

Dieser Prüfbericht dient zum
Nachweis des Wärmedurch-
gangskoeffizienten U_f

Gültigkeit

Die genannten Daten und
Ergebnisse beziehen sich
ausschließlich auf den
geprüften und beschriebenen
Gegenstand.

Die Prüfung des
Wärmedurchgangskoeffizienten
ermöglicht keine Aussage über
weitere leistungs- und
qualitätsbestimmenden
Eigenschaften der vorliegenden
Konstruktion.

Veröffentlichungshinweise

Es gilt das ift-Merkblatt
„Hinweise zur Benutzung von
ift-Prüfberichten“.

Das Deckblatt kann als
Kurzfassung verwendet
werden.

Inhalt

Der Nachweis umfasst
insgesamt 5 Seiten

- 1 Gegenstand
- 2 Durchführung
- 3 Einzelergebnisse

Produkt Flügel- / Blendrahmen - Profilkombination

Bezeichnung S8000IQ

Bautiefe Blendrahmen 74 mm
Bautiefe Flügelrahmen 84,5 mm

Ansichtsbreite 124 mm

Rahmenmaterial PVC-U/weiß

Aussteifung Stahl/verzinkt

Besonderheiten --

Wärmedurchgangskoeffizient



$$U_f = 1,2 \text{ W/(m}^2 \cdot \text{K)}$$



ift Rosenheim
8. Februar 2005

Ulrich Sieberath
Ulrich Sieberath
Institutsleiter

Konrad Huber
i. A. Konrad Huber
Prüffeld Wärmeschutz &
Energietechnik

Zusammenfassender Prüfbericht

Widerstandsfähigkeit bei Windlast,
Schlagregendichtheit, Luftdurchlässigkeit,
Bedienkräfte, Mechanische Beanspruchung,
Dauerfunktion, Tragfähigkeit von
Sicherheitsvorrichtungen, Stoßfestigkeit

Nr. 101 32802/Z



Auftraggeber **GEALAN**
Fenster-Systeme GmbH
Hofer Str. 80

95145 Oberkotzau

Fenster und Fenstertüren mit den Öffnungsarten:
Dreh, Drehkipp, Fest und zweiflügelig mit
aufgehendem Mittelstück

Bauteil
Bezeichnung des
Systems **S8000IQ**

Rahmenmaterial **PVC-U/weiß**

Systembeschreibung **Auszug siehe Anlage 3**
Profile gem. EN 12608, Klasse B (Wandstärke der Sicht
flächen $\geq 2,5$ mm, der nicht sichtbaren Flächen $\geq 2,0$ mm)

Besonderheiten

Probekörper	1	2	3
Darstellung			
Fenstergröße in mm	1396 x 2376	1032 x 2376	1864 x 1576
Prüfung	Klassifizierung		
Widerstands- fähigkeit bei Windlast EN 12210	C5 / B5	C3 / B3	C4 / B4
Schlagregen- dichtheit EN 12208	9A	7A	8A
Luftdurch- lässigkeit EN 12207	4	4	4
Bedienkräfte EN 13115	1	1	1
Mechanische Beanspruchung EN 13115	4	4	4
Dauerfunktion EN 12400	2	2	2
Stoßfestigkeit EN 13049	2* * Diese Eigenschaft wurde exemplarisch an Probekörper 2 geprüft		
Tragfähigkeit von Sicherheitsvor- richtungen EN 12400	Schwellenwert erfüllt	Schwellenwert erfüllt	Schwellenwert erfüllt
Falzhindernistest und Laibungstest nach RAL-RG 607/3 : 1995-02 Güte- und Prüfbestimmungen für Drehbeschläge und Drehkippbeschläge			Anforderung erfüllt

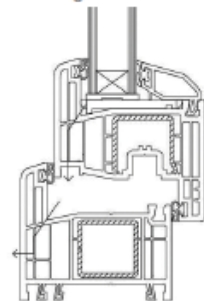
Grundlagen

EN 14351-1 : 2006-03, Fenster
und Außentüren – Produktnorm

Prüfnormen:

EN 1026 : 2000-06
EN 1027 : 2000-06
EN 12211 : 2000-06
EN 12046-1 : 2003-11
EN 14608 : 2004-03
EN 14609 : 2004-03
EN 1191 : 2000-02
RAL-RG 607/3
EN 13049 : 2003-08

Darstellung



Verwendungshinweise

Dieser Prüfbericht dient zum
Nachweis der obengenannten
Eigenschaften für Fenster nach
EN 14351-1: 2006-3

Gültigkeit

Die Prüfergebnisse können
gemäß Übertragungsmatrix
(Punkt 2) übertragen werden.
Witterungs- und Alterungs-
erscheinungen wurden nicht be-
rücksichtigt.

Veröffentlichungshinweise

Es gilt das ift-Merkblatt „Bedin-
gungen und Hinweise zur Be-
nutzung von ift-Prüfdokumen-
tationen“.

Inhalt

Der zusammenfassende Prüf-
bericht umfasst insgesamt 29
Seiten.

Anlage 1: Zugrundeliegende
Nachweise

Anlage 2: Übertragungsmatrix

Anlage 3: Auszug aus der
Systembeschreibung

Anlage 4: Wichtige
Systemmerkmale

ift Rosenheim
14. Juni 2007

Jörn Peter Lass, Dipl.-Ing. (FH)
Prüfstellenleiter
ift Zentrum Fenster & Fassaden



ift Rosenheim GmbH

Geschäftsführer:
Dipl.-Ing. (FH) Ulrich Sieberath
Dr. Jochen Peichl

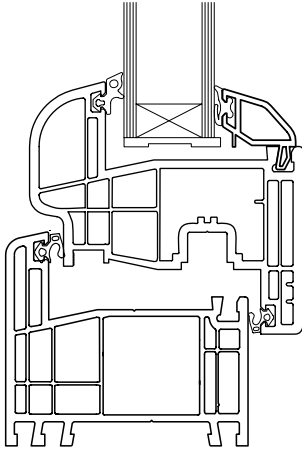
Theodor-Giedl-Str. 7 - 9
D-83026 Rosenheim
Tel.: +49 (0)8031/281-0
Fax: +49 (0)8031/281-290
www.ift-rosenheim.de

Robert Kolacny, Dipl.-Ing. (FH)
Prüfingenieur
ift Zentrum Fenster & Fassaden

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AG Traunstein, HRB 14763
Sparkasse Rosenheim
Kto. 3832
BLZ 711 500 00

Notified Body Nr.: 0757
Anerkannte PUZ-Stelle: BAY 18
Geometrische
Prüfungen
ISO 9001
DIN EN ISO 9001:2008
DIN EN ISO 14001:2004
TGA 24-18-03-00
TGA 24-18-03-00

Sound insulation test reports / Übersicht Schallprüfzeugnisse / Certificati d'isolamento acustico /
Certificate izolare fonica

Element description Elementbeschreibung Descrizione elemento Descriere element	Pane structure (mm) Scheibenaufbau (mm) Struttura vetro (mm) Structura geam (mm)	Obtained values $R_w.P=dB$ Erreichte Werte $R_w.P=dB$ Valori raggiunti $R_w.P=dB$ Valori obtinute $R_w.P=dB$
	4-16-4	34
	4-14-4-14-4	35
	6-16-4	38
	8-16-4	39
	6-14-4-14-4	40
	VSG 8-16-4	40
	VSG 10-16-4 (P4A)	40
	10-12-4-12-6	42
	VSG SI 6-16-6	43
	VSG SI 8-14-4-14-6	43
	VSG 10-12-4-16-6 (P4A)	43
	VSG SI 8-24-8	46
	VSG SI 8-12-4-12-8	45
	VSG SI 8-16-VSG SI 8	47
	VSG SI 10-16-VSG SI 8	47
	VSG SI 8-12-4-12- VSG SI 8	47

***VSG - Laminated glass / Verbundsicherheitsglas / Vetro stratificato / Sticla laminata**

***VSG SI - Acoustic laminated glass / Schallschutz-Verbundsicherheitsglas / Vetro stratificato acustico /**
Sticla laminata cu control acustic

Symbol Legend / Symbol Legende / Legenda Simboli / Legenda simboluri

Window / Fenster /
Finestra / Fereastră

Window with moulion /
 Finster mit Pfosten /
Finestra con montante /
 Fereastră cu montant

Terrace door / Balkontüre
Porta balcone / Usa balcon

Door with sash rail /
 Tür mit Flügelsprosse /
Porta con traversa /
 Usa cu traversa

Residential Door / Haustüre
Portoncino / Usa intrare

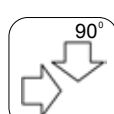
Outswing door
 Außenöffnende Türen
Porta con apertura verso l'esterno
 Usa cu deschidere exterioara

Renovation profile /
 Renovierungs-Blendrahmen /
Telaio ristrutturazione / Toc de
 renovare

Threshold /
 Haustürschwelle /
Sotto soglia /
 Prag aluminiu

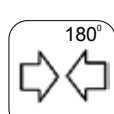
Window handle / Fenstergriff
Maniglia finestra / Maner fereastră

Threshold SLM /
 Haustürschwelle LFM /
Soglia in luce telaio /
 Prag montat in flat

Double side door handle /
 Fenstergriffe mit Arretierung
Maniglia passante / Maner dublu

Coupling profiles 90 /
 Kopplungsprofile 90 /
Profili di accoppiamento 90 /
 Profile de cuplare 90

Door Handle / Drückergarnitur /
Maniglione / Maner usa

Variable bay pole /
 Variable Eckkopplung /
Giunto angolare variabile /
 Profile de cuplare unghi variabil

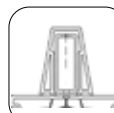
Flag door hinge / Haustürband /
Cerniera a bandiera / Balama usa

H coupler /
 H Schieber /
Profilo di accoppiamento /
 Profil cuplare

Door hinge RB / Haustürband RB /
Cerniera tubolare /
 Balama tubulara usa

Outer frame extension /
 Blendrahmen Verbreiterung /
Allargatore Telaio /
 Profile extensie toc

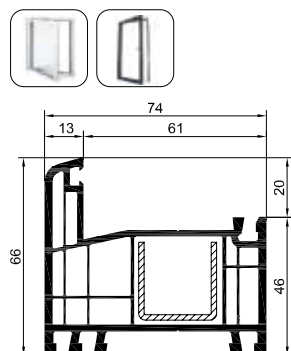
Double hung window /
 Stulpfenster / *Finestra a due ante /*
 Fereastră in doua canate

Bank connection profile /
 Sohlbankprofil /
Profilo di appoggio inferiore /
 Profile suprainaltare pervaz

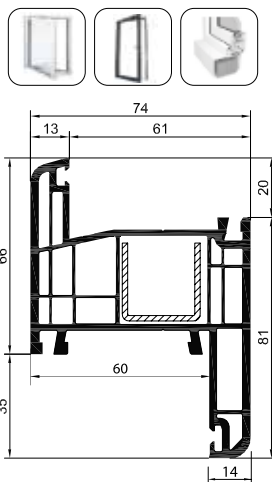
Extention profile /
 Höhenausgleichsprofil /
Zoccolo porta / Bandou usa

Reinforcing plant-on profile /
 Statik-Aufsatz /
Rinforzo /
 Ranforsare aplicată

Frame profiles / Rahmenprofile / Profili Telaio / Profile Toc

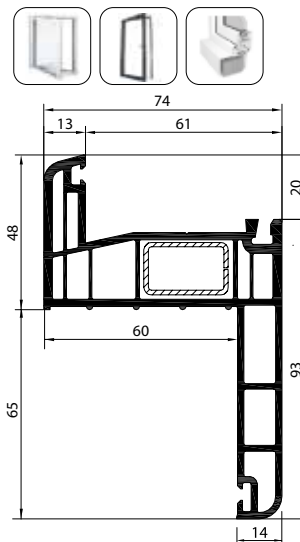
Profile: 8001
Steel 8727
28.5x28.5 - 2 mm



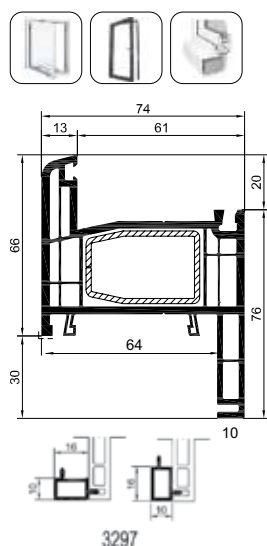
Profile: 8033
Steel 8727
28.5x28.5 - 2 mm



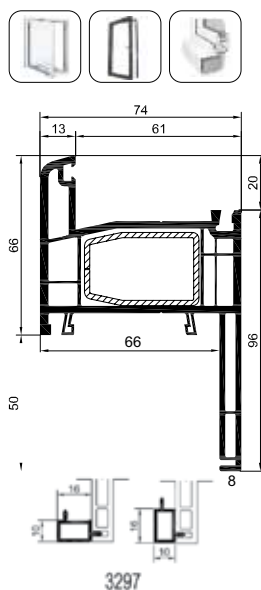
Profile: 8034
Steel 6744
28x17.5 - 1.5 mm



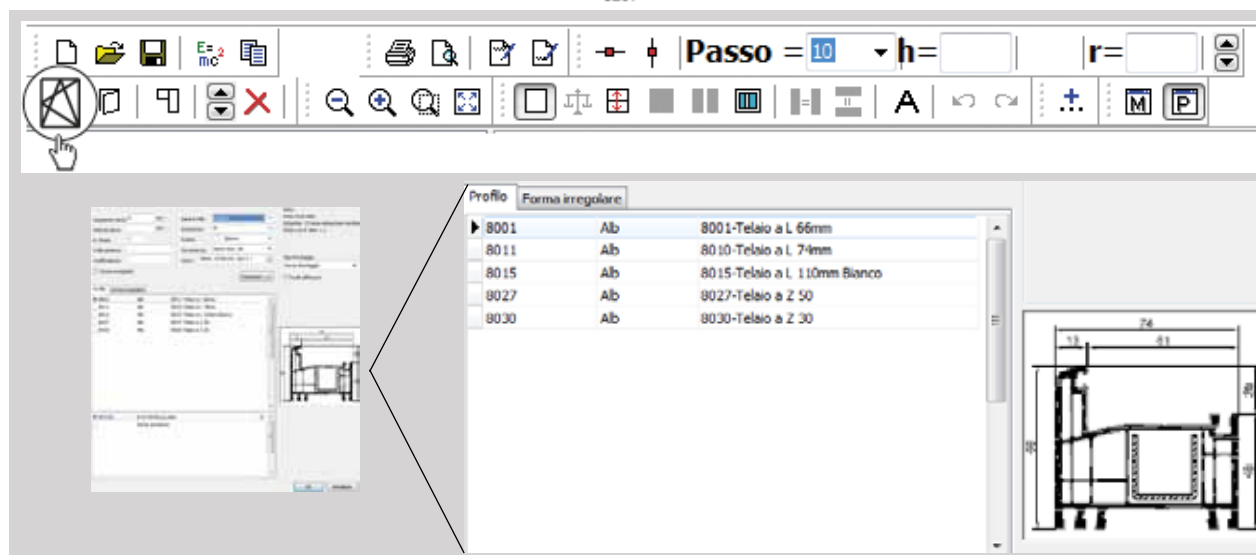
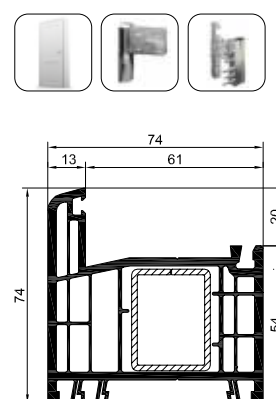
Profile: 8030
Steel 8701
43x27.5 - 2 mm



Profile: 8027
Steel 8701
43x27.5 - 2 mm

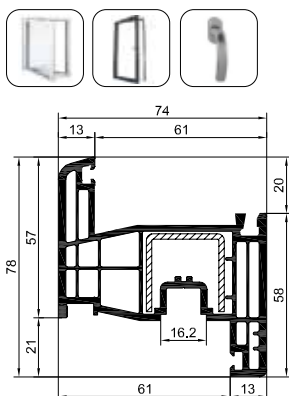


Profile: 8010
Steel 8710
27.5x35.5 - 2 mm

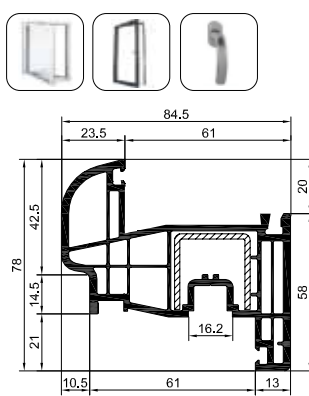


Sash profiles / Flügelprofile / Profili Anta / Profile Cercevea

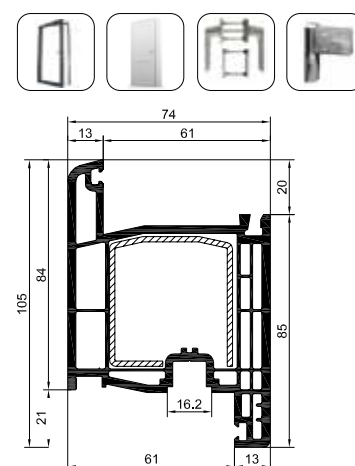
Profile: 8095
Steel 8727
28.5x28.5 - 2 mm



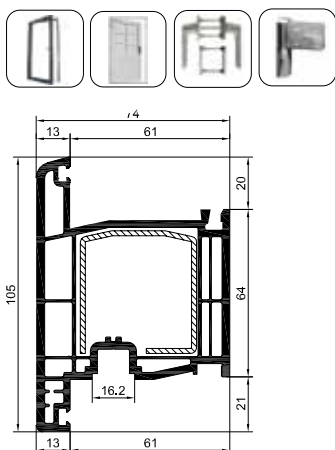
Profile: 8096
Steel 8727
28.5x28.5 - 2 mm



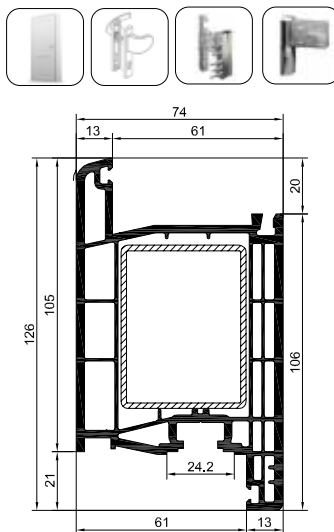
Profile: 8081
Steel 8706
48.5x46 - 2 mm



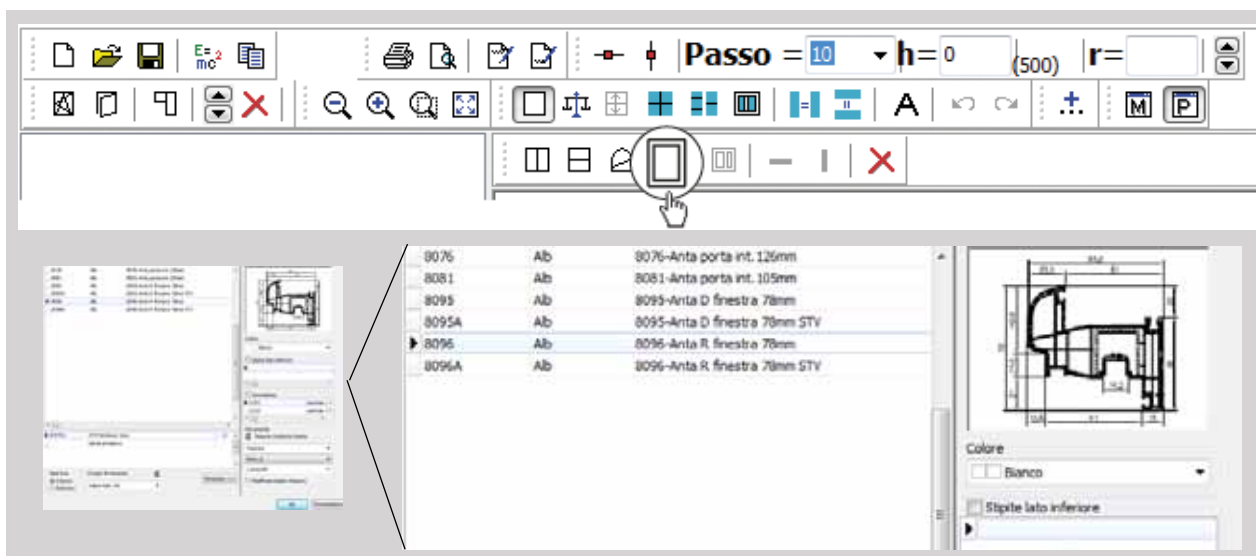
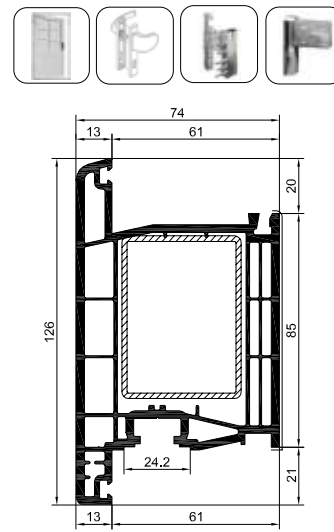
Profile: 8078
Steel 8706
48.5x46 - 2 mm



Profile: 8076
Steel 8736
46x60 - 2 mm

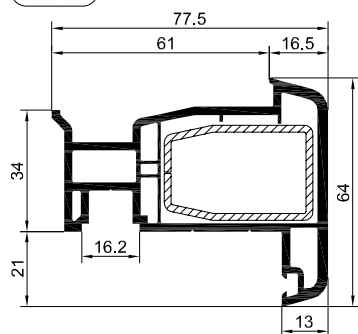


Profile: 8042
Steel 8736
46x60 - 2 mm

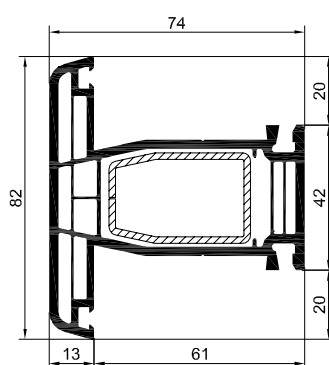


Sash rails & Floating mullion profiles / Pfosten & Stulpprofile / *Profili per traverso & Profili per battuta centrale* / Profile montant si Profile Stulp

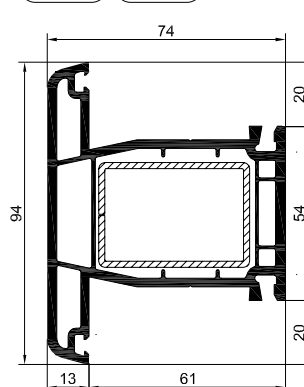
Profile: 8080
Steel 8701
43x27.5 - 2 mm



Profile: 8039
Steel 8701
43x27.5 - 2 mm



Profile: 8040
Steel 8713
49x34 - 2 mm

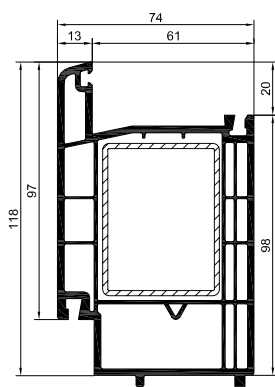


Software interface showing a toolbar with various icons and a list of profiles. The list includes:

Dimens	Alb	Particolari >>
8039	Alb	8039-Profilo montante 82mm
8040	Alb	8040-Profilo montante 94mm
8080	Alb	8080-Profilo di riporto 64mm
8273	Alb	Profilo riporto zoccolo 98mm, Bianco

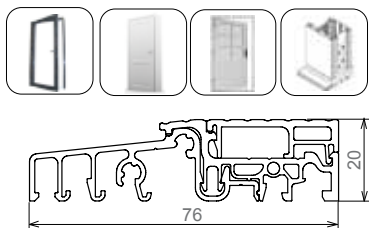
Technical drawing of profile 8039 is shown on the right.

Profile: 8273
Steel 8736

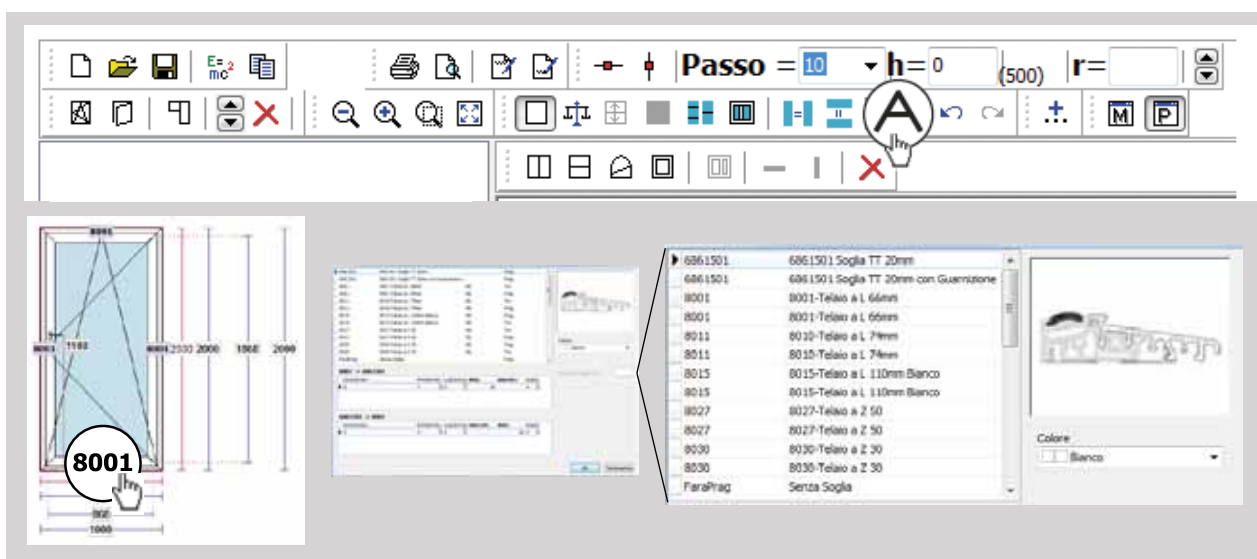
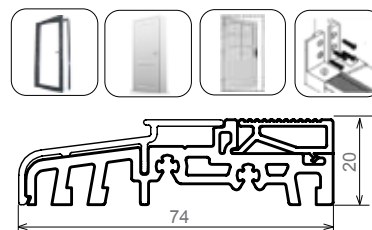


Threshold & Weather bar / Schwelle & Wetter Schenkel / *Soglia* & Profilo Gocciolatoio /
Praguri & Lacrimare

Profile: 6861501



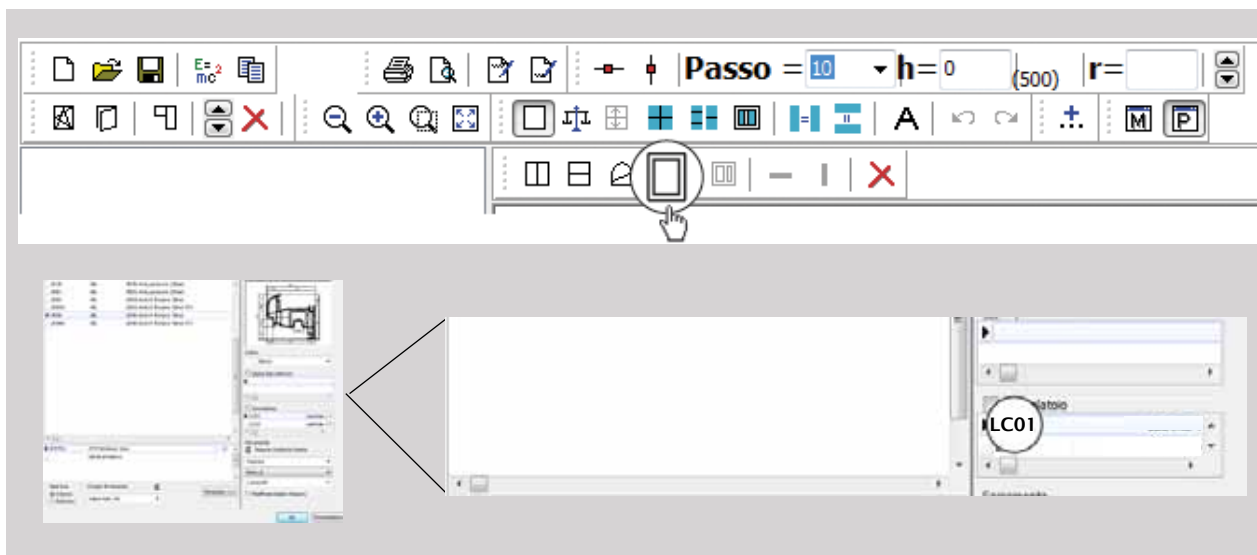
Profile: 259599



Profile: LC01

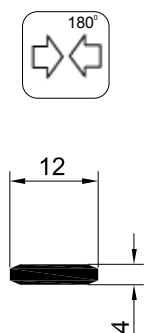


Gasket: 6802101



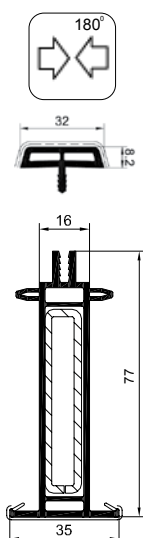
Coupling Profiles / Kopplungsprofile / Profili di accoppiamento / Profile cuplare

Profile: 500730



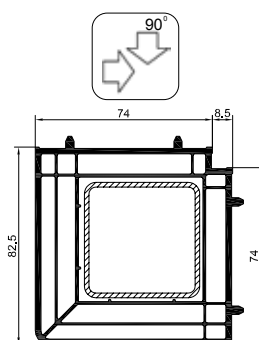
Profile: 7281

Steel 7796
 $I_x = 9,19 \text{ cm}^4$



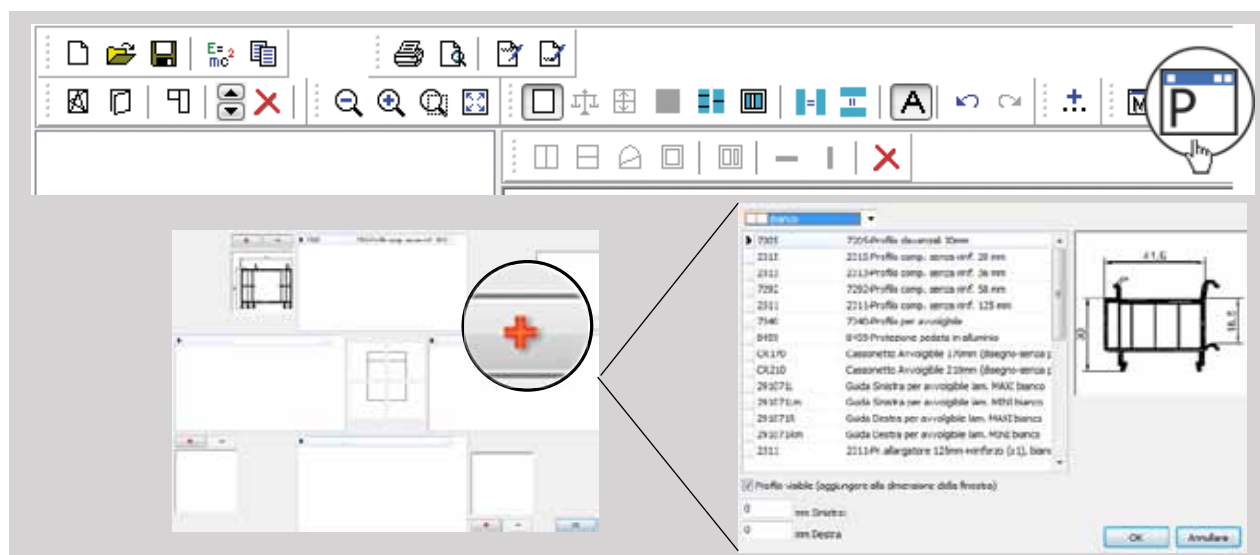
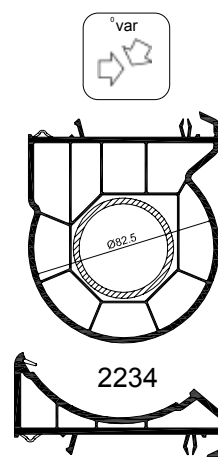
Profile: 2304

Steel 7718
 $I_x = 7,11 \text{ cm}^4$



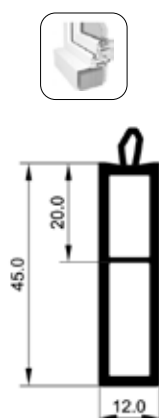
Profile: 2233

Steel 7711
 $I_x = 7,54 \text{ cm}^4$

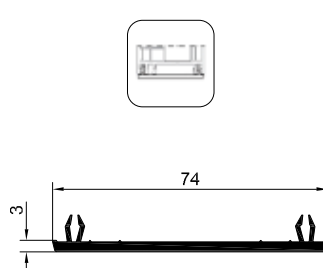


Bank connection profile / Bankanschluss profile / Profili di appoggio inferiore /
Profile suprainaltare

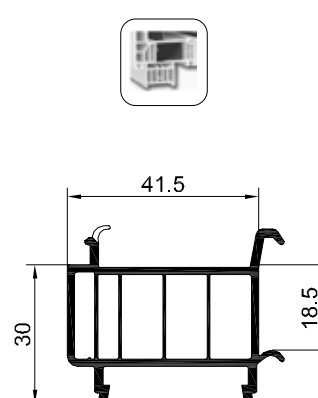
Profile: 3217



Profile: 7310

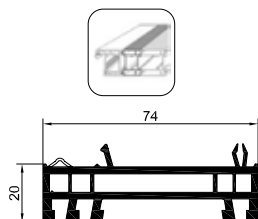


Profile: 7205



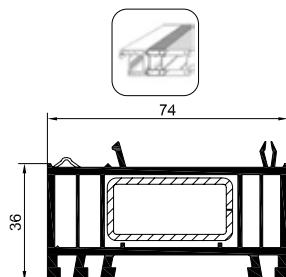
Extension profile / Verbreiterung profile / Allargatori / Extensii toc

Profile: 2315



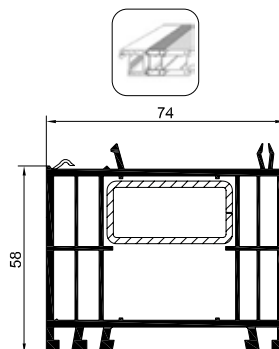
Profile: 2313

Steel 2724*
*Optional



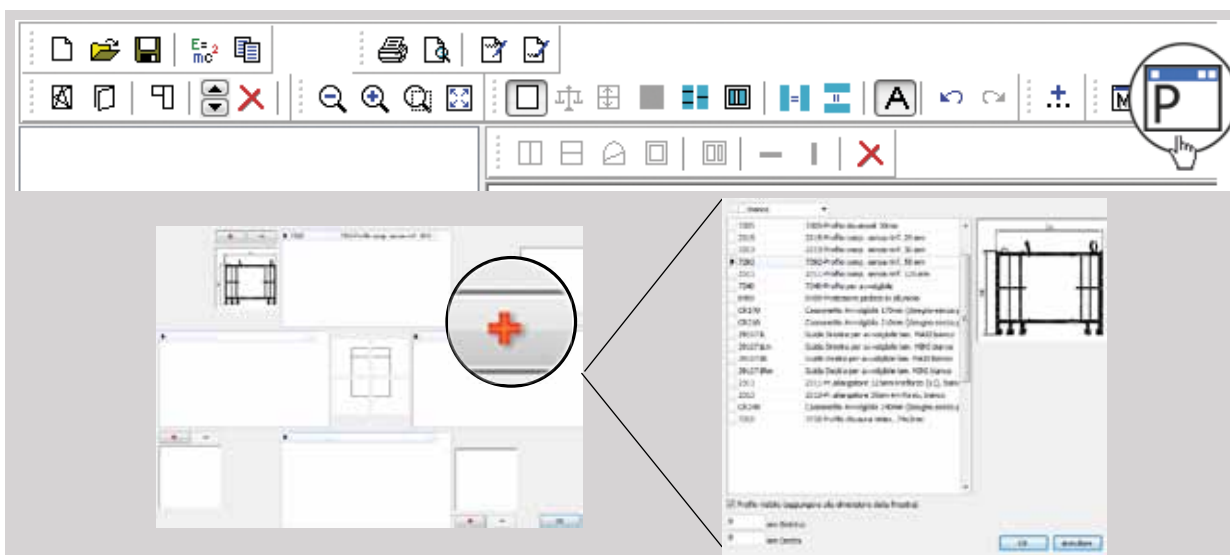
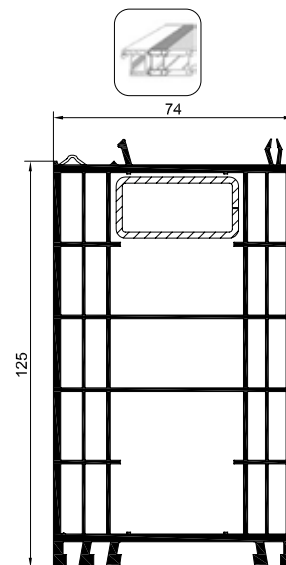
Profile: 7292

Steel 2724*
*Optional

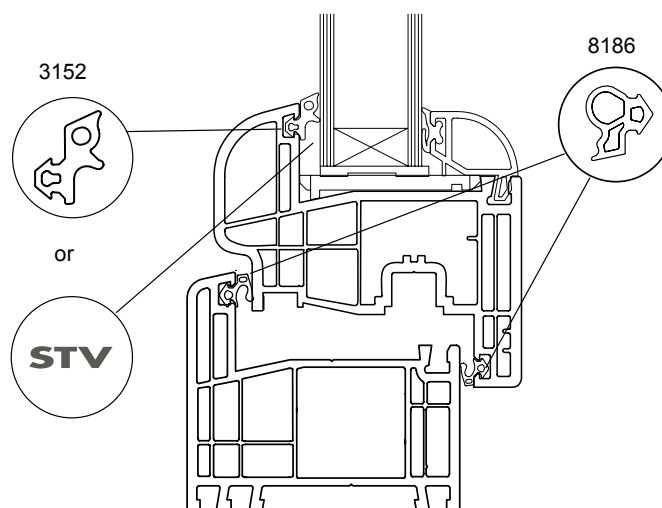


Profile: 2311

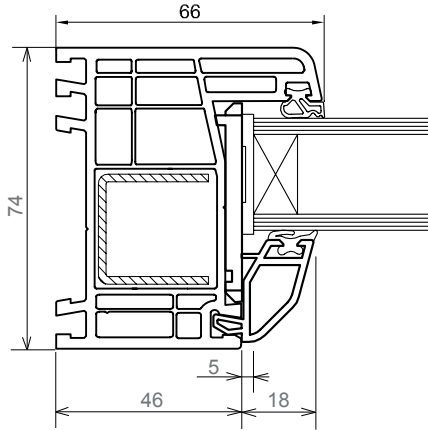
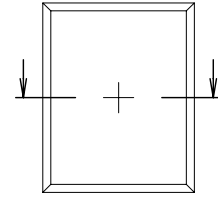
Steel 2724*
*Optional



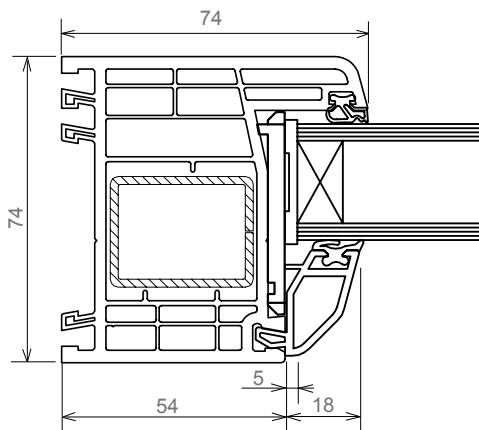
Gasket / Dichtung / Guarnizione / Garnitură



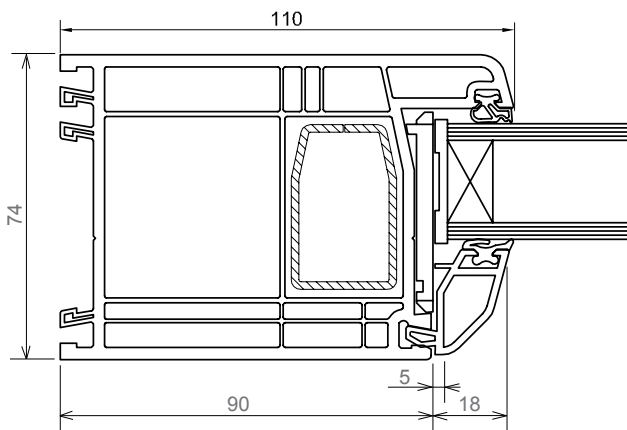
Fixed light / Festfeld / Fissa / Fix



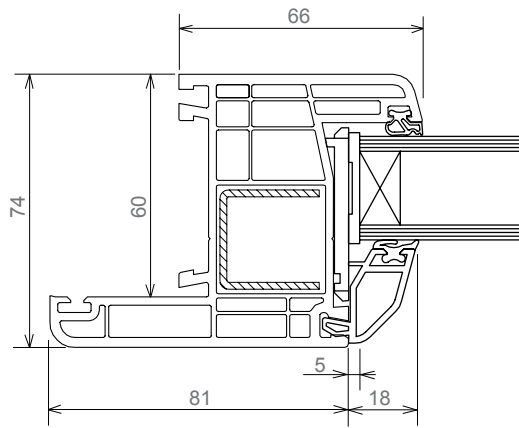
Frame	8001	
Steel	8727	$I_x=2,20 \text{ cm}^4$
	28.5x28.5	$I_y=1,35 \text{ cm}^4$
	t=2mm	



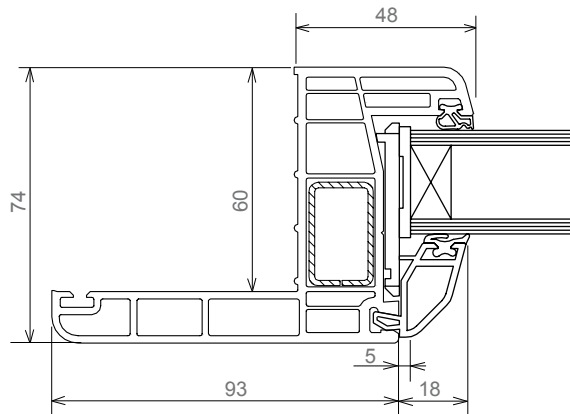
Frame	8010	
Steel	8710	$I_x=2,65 \text{ cm}^4$
	27.5x35.5	$I_y=3,95 \text{ cm}^4$
	t=2 mm	



Frame	8015	
Steel	8701	$I_x=5,92 \text{ cm}^4$
	43x27.5	$I_y=2,87 \text{ cm}^4$
	t=2 mm	

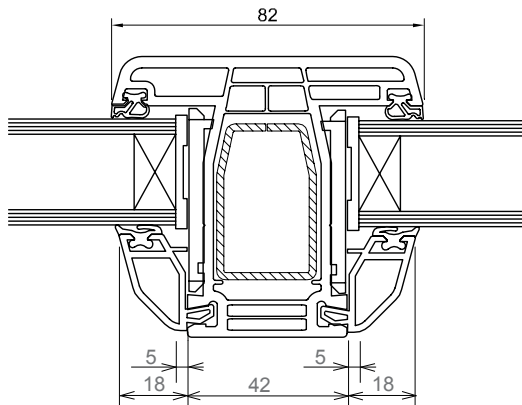
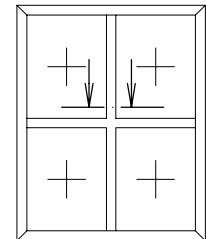


Frame Steel	8033	$I_x=2,20 \text{ cm}^4$ $I_y=1,35 \text{ cm}^4$
	8727	
	28.5x28.5	
	t=2mm	

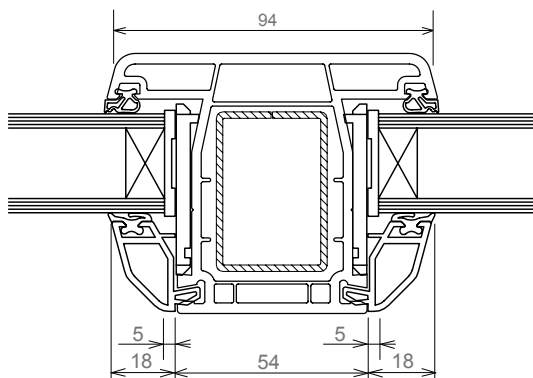


Frame Steel	8034	$I_x=1,24 \text{ cm}^4$ $I_y=0,95 \text{ cm}^4$
	6744	
	28x17.5	
	t=1.5 mm	

Fixed light with transom / Festfeld Pfosten /
Fissa con montate / Fix cu montant

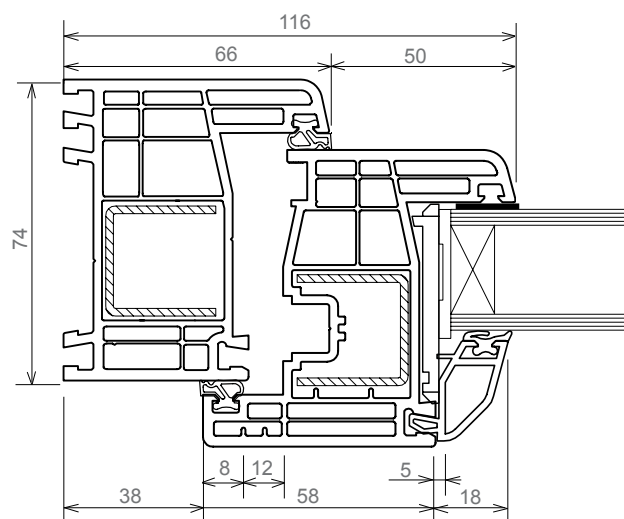
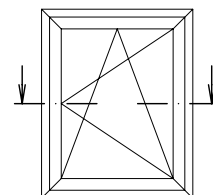


Transom Steel	8039	$I_x=5,92 \text{ cm}^4$ $I_y=2,87 \text{ cm}^4$
	8701	
	43x27.5	
	t = 2 mm	

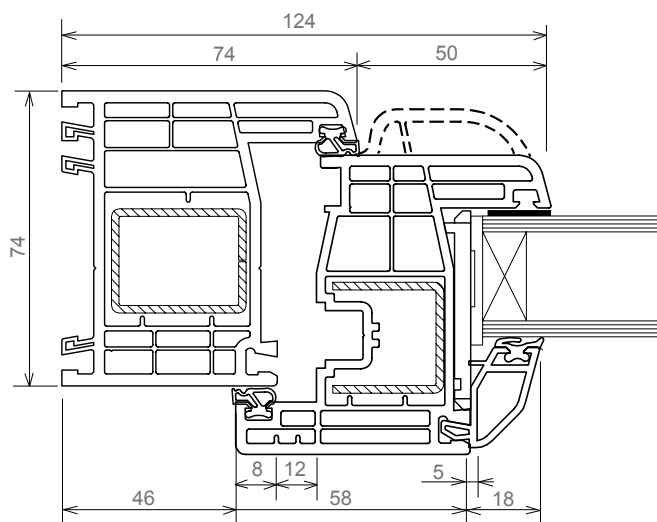


Transom Steel	8040	$I_x=10,20 \text{ cm}^4$ $I_y=5,78 \text{ cm}^4$
	8713	
	49x34	
	t = 2 mm	

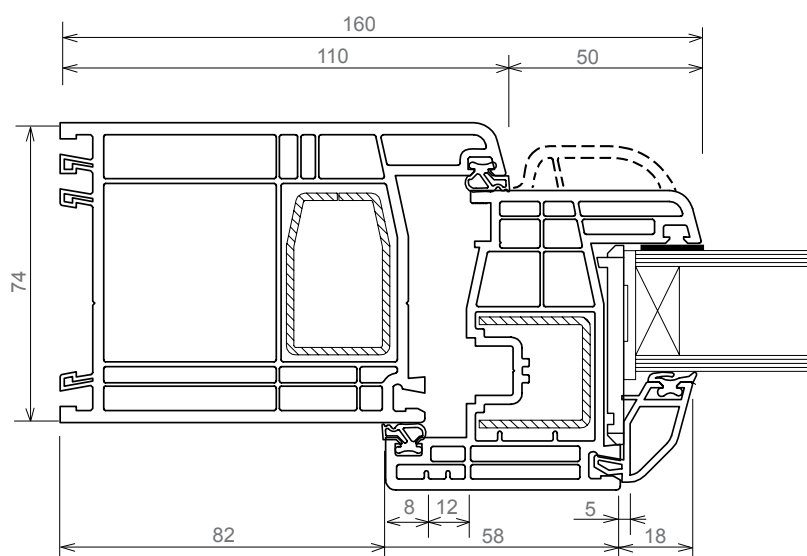
Frame - Sash / Blendrahmen - Flügel /
Telaio - Anta / Toc - Cercevea



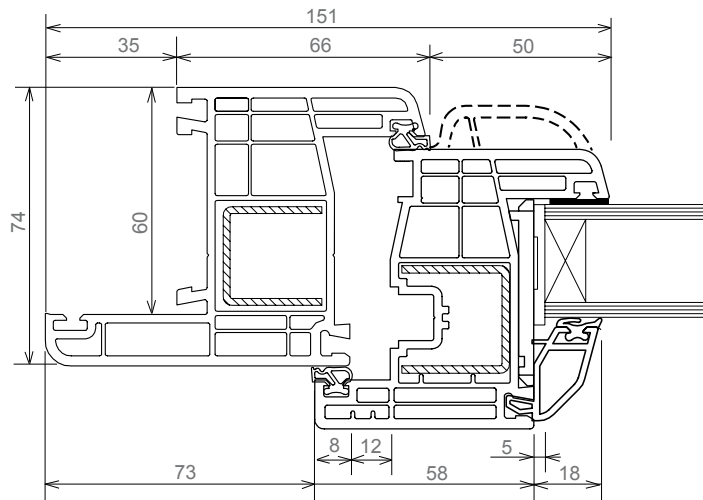
Frame	8001	
Steel	8727	$I_x=2,20 \text{ cm}^4$
	28.5x28.5	$I_y=1,35 \text{ cm}^4$
	t=2mm	
Sash	8095A	
or		
Sash	8096A	$I_x=2,20 \text{ cm}^4$
Steel	8727	$I_y=1,35 \text{ cm}^4$
	28.5x28.5	
	t=2mm	



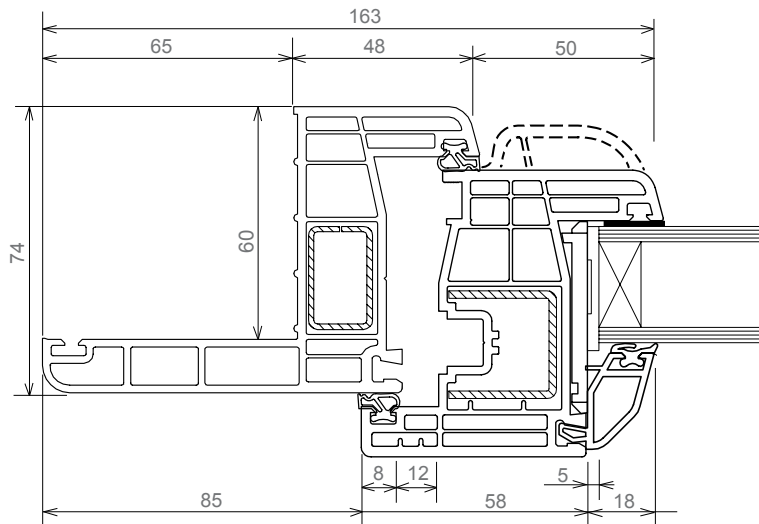
Frame	8010	
Steel	8710	$I_x=2,65 \text{ cm}^4$
	27.5x35.5	$I_y=3,95 \text{ cm}^4$
	t=2 mm	
Sash	8095A	
or		
Sash	8096A	$I_x=2,20 \text{ cm}^4$
Steel	8727	$I_y=1,35 \text{ cm}^4$
	28.5x28.5	
	t=2mm	



Frame	8015	
Steel	8701	$I_x=5,92 \text{ cm}^4$
	43x27.5	$I_y=2,87 \text{ cm}^4$
	t=2 mm	
Sash	8095A	
or		
Sash	8096A	
Steel	8727	$I_x=2,20 \text{ cm}^4$
	28.5x28.5	$I_y=1,35 \text{ cm}^4$
	t=2mm	

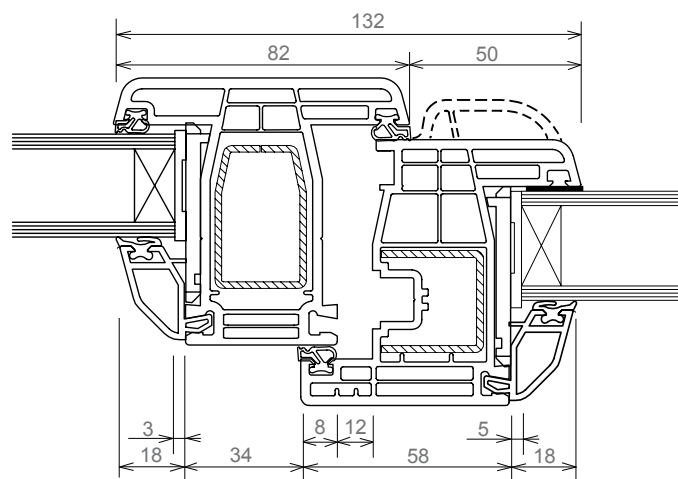
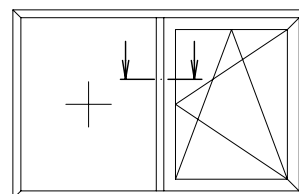


Frame	8033	
Steel	8727	$I_x=2,20 \text{ cm}^4$
	28.5x28.5	$I_y=1,35 \text{ cm}^4$
	t=2mm	
Sash	8095A	
or		
Sash	8096A	
Steel	8727	$I_x=2,20 \text{ cm}^4$
	28.5x28.5	$I_y=1,35 \text{ cm}^4$
	t=2mm	

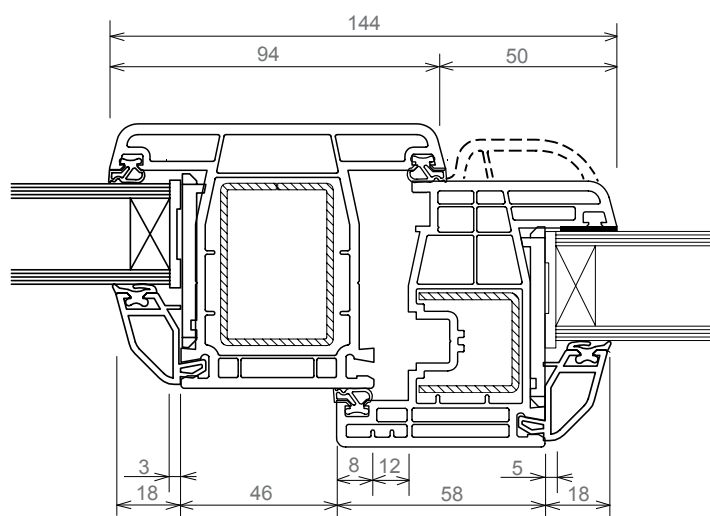


Frame	8034	
Steel	6744	$I_x=1,24 \text{ cm}^4$
	28x17.5	$I_y=0,95 \text{ cm}^4$
	t=1.5 mm	
Sash	8095A	
or		
Sash	8096A	
Steel	8727	$I_x=2,20 \text{ cm}^4$
	28.5x28.5	$I_y=1,35 \text{ cm}^4$
	t=2mm	

Fixed light - Transom - Sash / Festfeld - Pfosten - Flügel /
Fisso - Montante - Anta / Fix - Montant - Cercevea

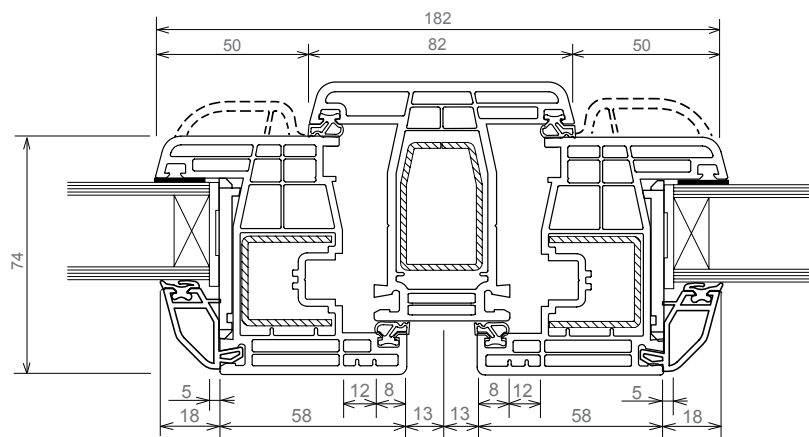
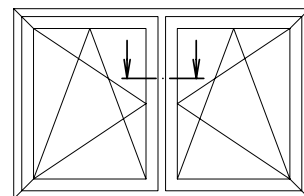


Transom	8039	$I_x=5,92 \text{ cm}^4$ $I_y=2,87 \text{ cm}^4$
Steel	8701	
	43x27.5 t=2 mm	
Sash	8095A	$I_x=2,20 \text{ cm}^4$ $I_y=1,35 \text{ cm}^4$
or		
Sash	8096A	
Steel	8727	
	28.5x28.5 t=2mm	

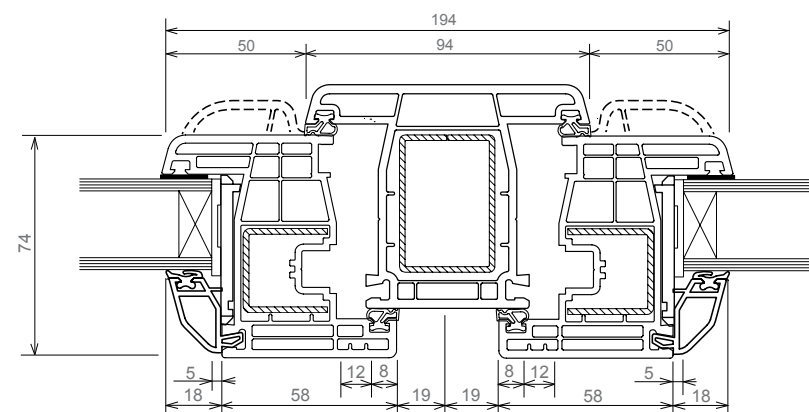


Transom	8040	$I_x=10,20 \text{ cm}^4$ $I_y=5,78 \text{ cm}^4$
Steel	8713	
	49x34 t = 2 mm	
Sash	8095A	$I_x=2,20 \text{ cm}^4$ $I_y=1,35 \text{ cm}^4$
or		
Sash	8096A	
Steel	8727	
	28.5x28.5 t=2mm	

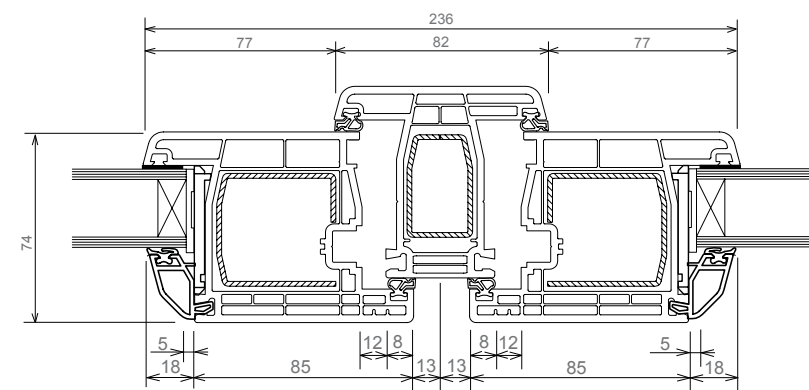
Sash - Transom - Sash / Flügel Pfosten Flügel /
Anta - Montante Anta / Cercevea - Montant - Cercevea



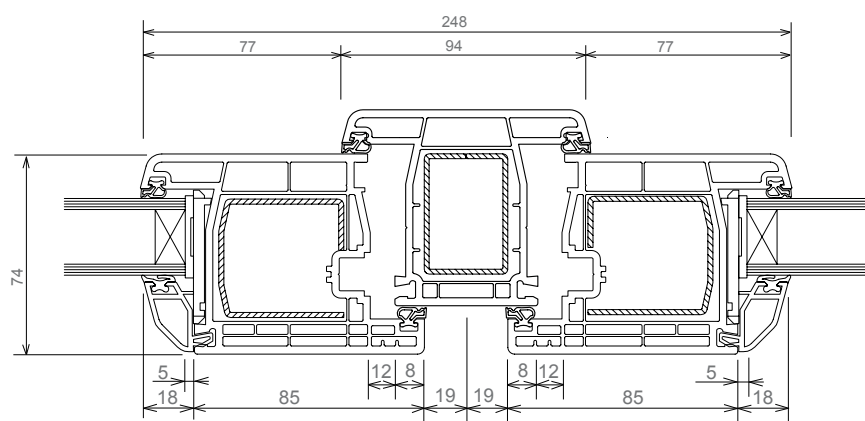
Sash	8095A	
or		
Sash	8096A	
Steel	8727	$I_x=2,20 \text{ cm}^4$ $I_y=1,35 \text{ cm}^4$
	28.5x28.5	
	t=2mm	
Transom	8039	
Steel	8701	$I_x=5,92 \text{ cm}^4$ $I_y=2,87 \text{ cm}^4$
	43x27.5	
	t=2 mm	
Sash	8095A	
or		
Sash	8096A	
Steel	8727	$I_x=2,20 \text{ cm}^4$ $I_y=1,35 \text{ cm}^4$
	28.5x28.5	
	t=2mm	



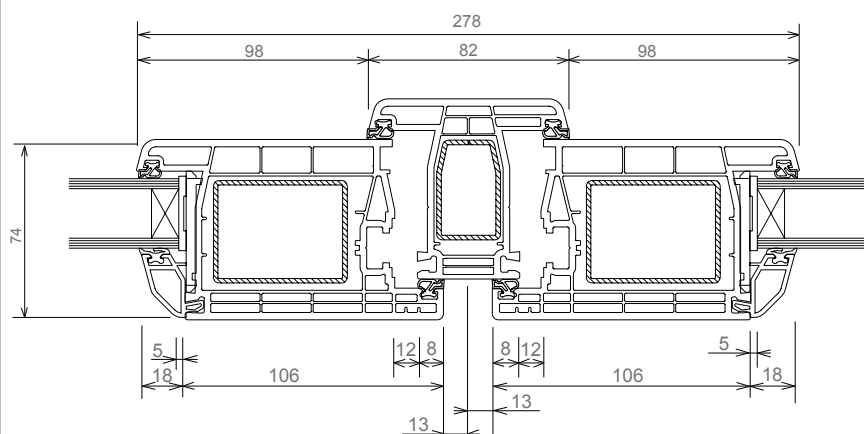
Sash	8095A	
or		
Sash	8096A	
Steel	8727	$I_x=2,20 \text{ cm}^4$ $I_y=1,35 \text{ cm}^4$
	28.5x28.5	
	t=2mm	
Transom	8040	
Steel	8713	$I_x=10,20 \text{ cm}^4$ $I_y=5,78 \text{ cm}^4$
	49x34	
	t = 2 mm	
Sash	8095A	
or		
Sash	8096A	
Steel	8727	$I_x=2,20 \text{ cm}^4$ $I_y=1,35 \text{ cm}^4$
	28.5x28.5	
	t=2mm	



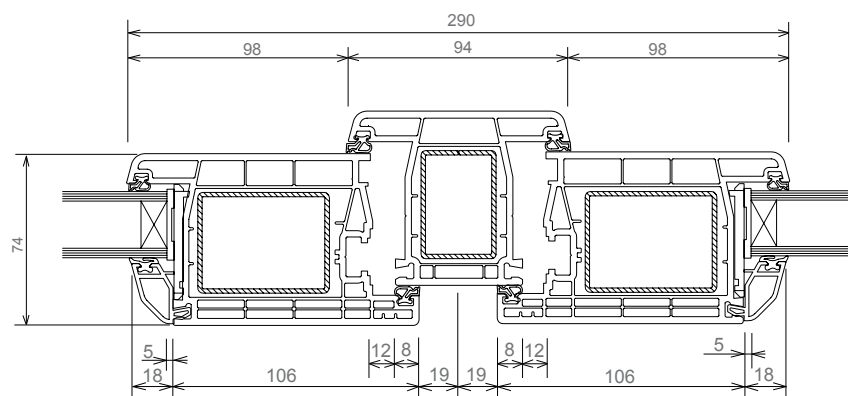
Sash	8081	
Steel	8706	$I_x=10,60 \text{ cm}^4$ $I_y=9,22 \text{ cm}^4$
	48.5x46	
	t=2 mm	
Transom	8039	
Steel	8701	$I_x=5,92 \text{ cm}^4$ $I_y=2,87 \text{ cm}^4$
	43x27.5	
	t=2 mm	
Sash	8081	
Steel	8706	$I_x=10,60 \text{ cm}^4$ $I_y=9,22 \text{ cm}^4$
	48.5x46	
	t=2 mm	



Sash	8081	
Steel	8706	$I_x=10,60 \text{ cm}^4$
	48.5x46	$I_y=9,22 \text{ cm}^4$
	t=2 mm	
Transom	8040	
Steel	8713	$I_x=10,20 \text{ cm}^4$
	49x34	$I_y=5,78 \text{ cm}^4$
	t = 2 mm	
Sash	8081	
Steel	8706	$I_x=10,60 \text{ cm}^4$
	48.5x46	$I_y=9,22 \text{ cm}^4$
	t=2 mm	

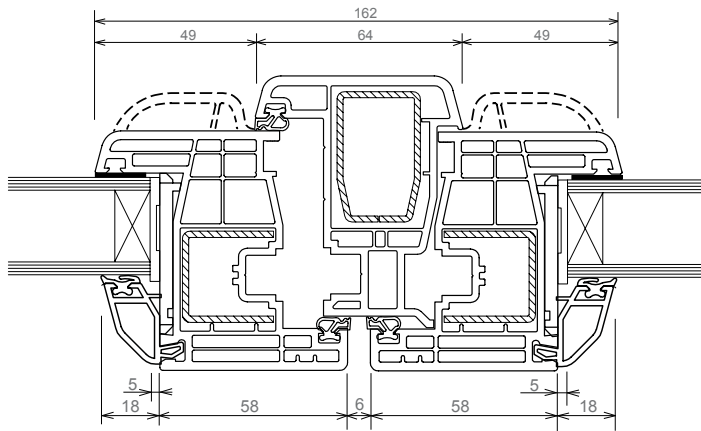
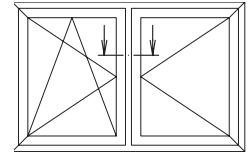


Sash	8076	
Steel	8736	$I_x=13,83 \text{ cm}^4$
	40x60	$I_y=20,88 \text{ cm}^4$
	t=2 mm	
Transom	8039	
Steel	8701	$I_x=5,92 \text{ cm}^4$
	43x27.5	$I_y=2,87 \text{ cm}^4$
	t=2 mm	
Sash	8076	
Steel	8736	$I_x=13,83 \text{ cm}^4$
	40x60	$I_y=20,88 \text{ cm}^4$
	t=2 mm	

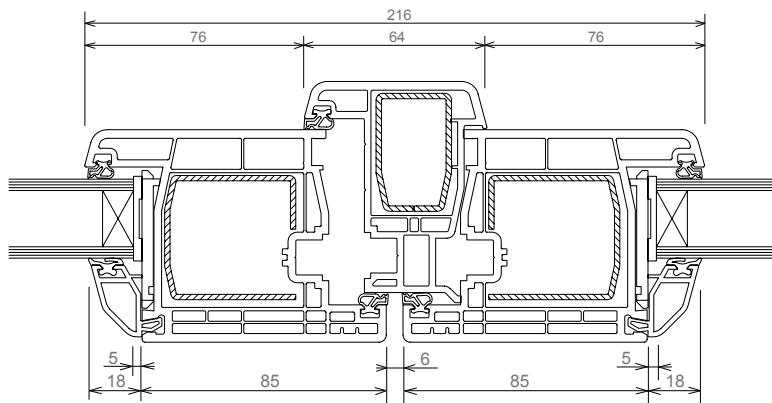


Sash	8076	
Steel	8736	$I_x=13,83 \text{ cm}^4$
	40x60	$I_y=20,88 \text{ cm}^4$
	t=2 mm	
Transom	8040	
Steel	8713	$I_x=10,20 \text{ cm}^4$
	49x34	$I_y=5,78 \text{ cm}^4$
	t = 2 mm	
Sash	8076	
Steel	8736	$I_x=13,83 \text{ cm}^4$
	40x60	$I_y=20,88 \text{ cm}^4$
	t=2 mm	

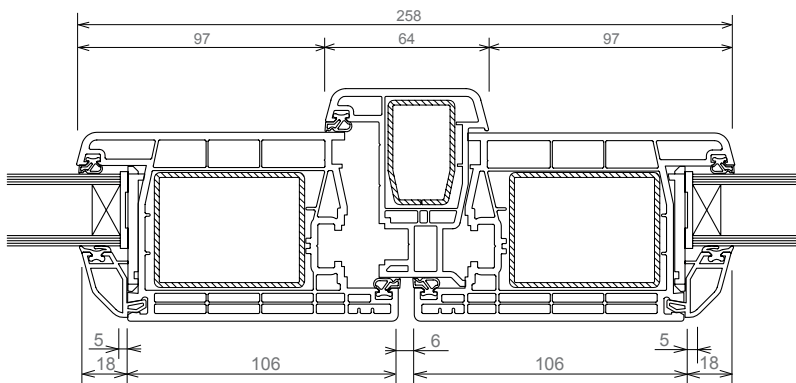
Sash - Floating Mullion - Sash / Flügel - Stulp - Flügel /
Anta - Profilo Riporto - Anta / Cercevea - Ștulp - Cercevea



Sash	8095A	$I_x=2,20 \text{ cm}^4$ $I_y=1,35 \text{ cm}^4$
or		
Sash Steel	8096A 8727 28.5x28.5 t=2mm	
Floating Mullion	8080	$I_x=5,92 \text{ cm}^4$ $I_y=2,87 \text{ cm}^4$
Steel	8701 43x27.5 t=2 mm	
Sash	8095A	$I_x=2,20 \text{ cm}^4$ $I_y=1,35 \text{ cm}^4$
or		
Sash Steel	8096A 8727 28.5x28.5 t=2mm	

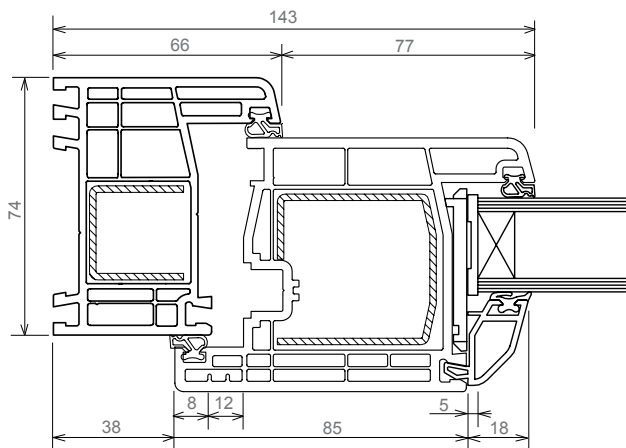
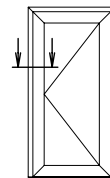


Sash Steel	8081 8706 48.5x46 t=2 mm	$I_x=10,60 \text{ cm}^4$ $I_y=9,22 \text{ cm}^4$
Floating Mullion	8080	
Steel	8701 43x27.5 t=2 mm	$I_x=5,92 \text{ cm}^4$ $I_y=2,87 \text{ cm}^4$
Sash Steel	8081 8706 48.5x46 t=2 mm	$I_x=10,60 \text{ cm}^4$ $I_y=9,22 \text{ cm}^4$

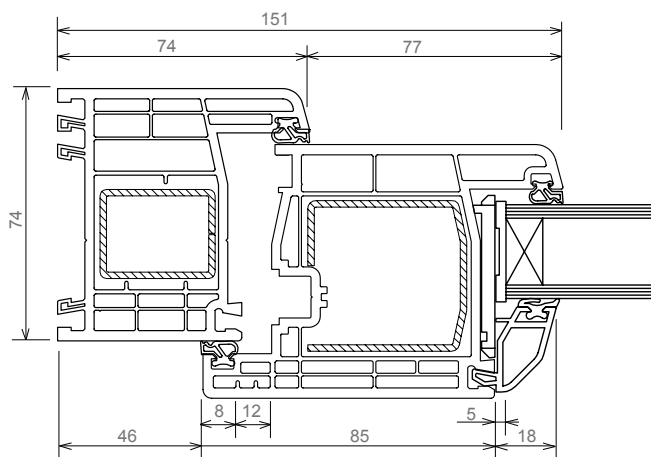


Sash Steel	8076 8736 40x60 t=2 mm	$I_x=13,83 \text{ cm}^4$ $I_y=20,88 \text{ cm}^4$
Floating Mullion	8080	
Steel	8701 43x27.5 t=2 mm	$I_x=5,92 \text{ cm}^4$ $I_y=2,87 \text{ cm}^4$
Sash Steel	8076 8736 40x60 t=2 mm	$I_x=13,83 \text{ cm}^4$ $I_y=20,88 \text{ cm}^4$

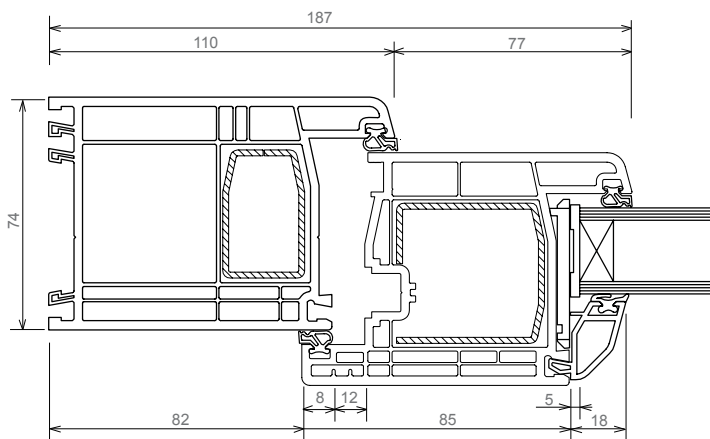
Frame - Sash / Blendrahmen Flügel /
Telaio - Anta / Toc - Cercevea



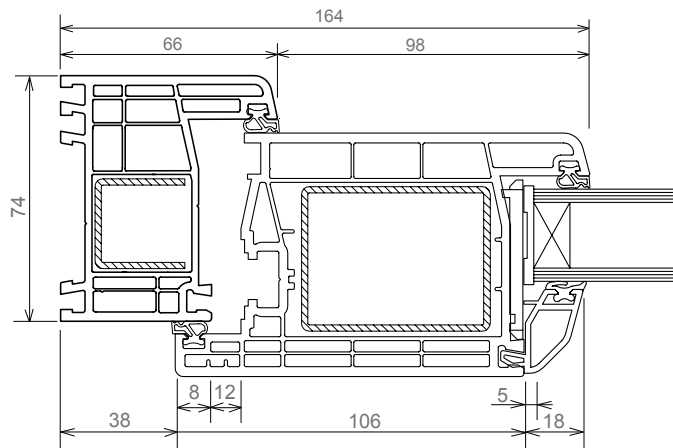
Frame	8001	
Steel	8727	$I_x=2,20 \text{ cm}^4$
	28.5x28.5	$I_y=1,35 \text{ cm}^4$
	t=2mm	
Sash	8081	
Steel	8706	$I_x=10,60 \text{ cm}^4$
	48.5x46	$I_y=9,22 \text{ cm}^4$
	t=2 mm	



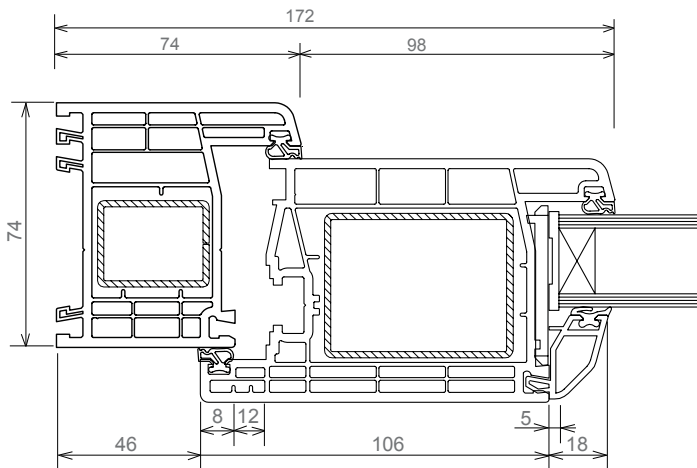
Frame	8010	
Steel	8710	$I_x=2,65 \text{ cm}^4$
	27.5x35.5	$I_y=3,95 \text{ cm}^4$
	t=2 mm	
Sash	8081	
Steel	8706	$I_x=10,60 \text{ cm}^4$
	48.5x46	$I_y=9,22 \text{ cm}^4$
	t=2 mm	



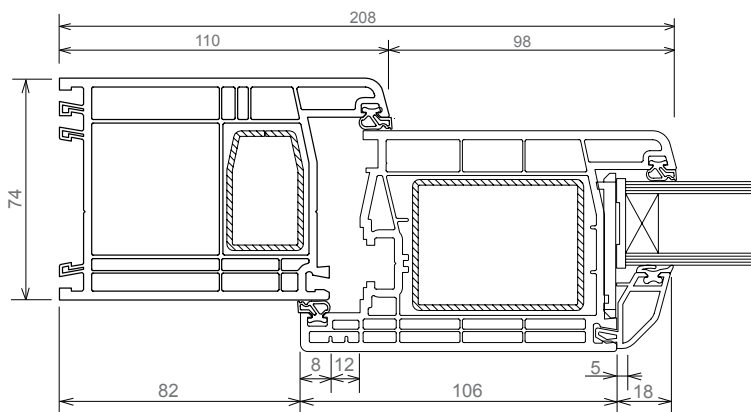
Frame	8015	
Steel	8701	$I_x=5,92 \text{ cm}^4$
	43x27.5	$I_y=2,87 \text{ cm}^4$
	t=2 mm	
Sash	8081	
Steel	8706	$I_x=10,60 \text{ cm}^4$
	48.5x46	$I_y=9,22 \text{ cm}^4$
	t=2 mm	



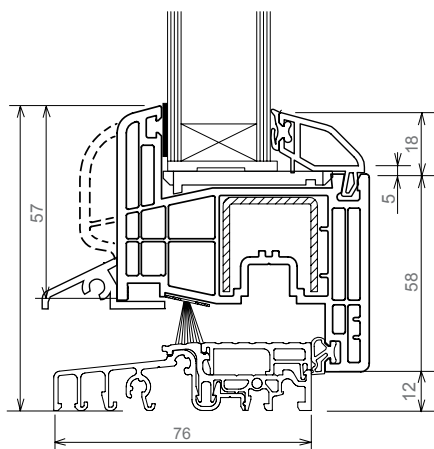
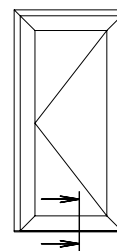
Frame	8001	
Steel	8727	$I_x=2,20 \text{ cm}^4$
	28.5x28.5	$I_y=1,35 \text{ cm}^4$
	t=2mm	
Sash	8076	
Steel	8736	$I_x=13,83 \text{ cm}^4$
	40x60	$I_y=20,88 \text{ cm}^4$
	t=2 mm	



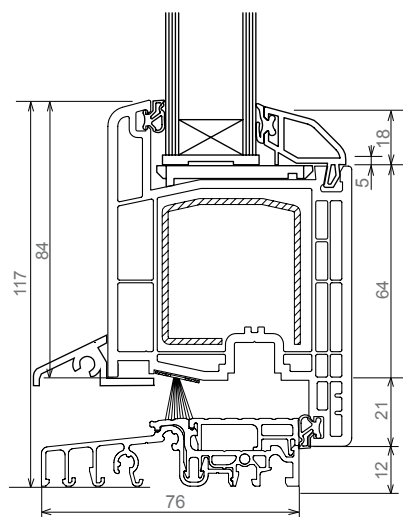
Frame	8010	
Steel	8710	$I_x=2,65 \text{ cm}^4$
	27.5x35.5	$I_y=3,95 \text{ cm}^4$
	t=2 mm	
Sash	8076	
Steel	8736	$I_x=13,83 \text{ cm}^4$
	40x60	$I_y=20,88 \text{ cm}^4$
	t=2 mm	



Frame	8015	
Steel	8701	$I_x=5,92 \text{ cm}^4$
	43x27.5	$I_y=2,87 \text{ cm}^4$
	t=2 mm	
Sash	8076	
Steel	8736	$I_x=13,83 \text{ cm}^4$
	40x60	$I_y=20,88 \text{ cm}^4$
	t=2 mm	

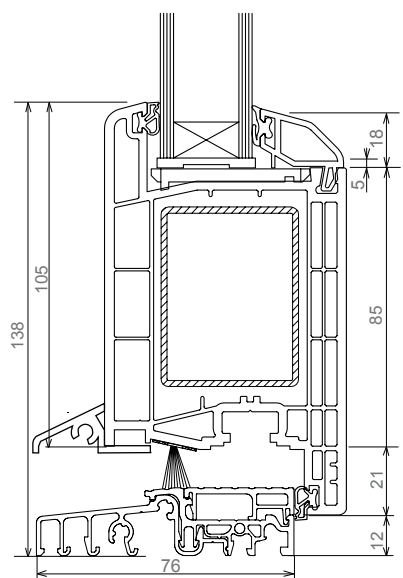
Threshold - Sash / Schwellenprofil - Flügel /
Soglia - Anta / Prag - Cercevea


Threshold	6861501	$I_x = 2,20 \text{ cm}^4$ $I_y = 1,35 \text{ cm}^4$
Sash	8095A	
or		
Sash	8096A	
Steel	8727 28.5x28.5 t=2mm	



Threshold	6861501	$I_x = 10,60 \text{ cm}^4$ $I_y = 9,22 \text{ cm}^4$
Sash	8081	
Steel	8706 48.5x46 t=2 mm	

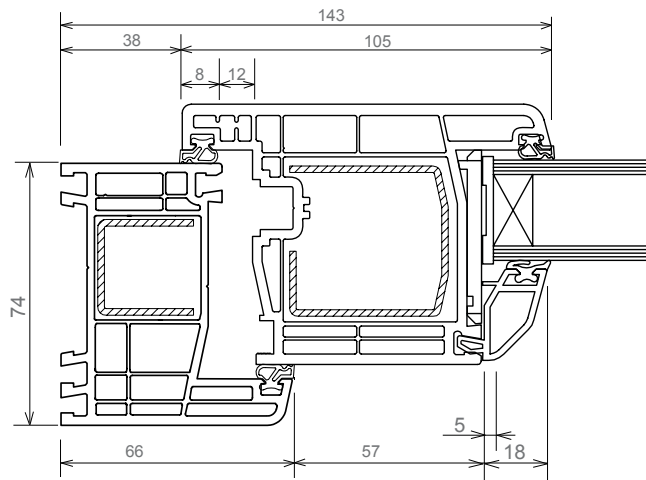
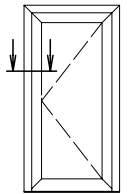
Weather bar - elox
 Wetterschenkel - elox
 Profilo gocciolatoio - elox
 Lăcrimar - elox



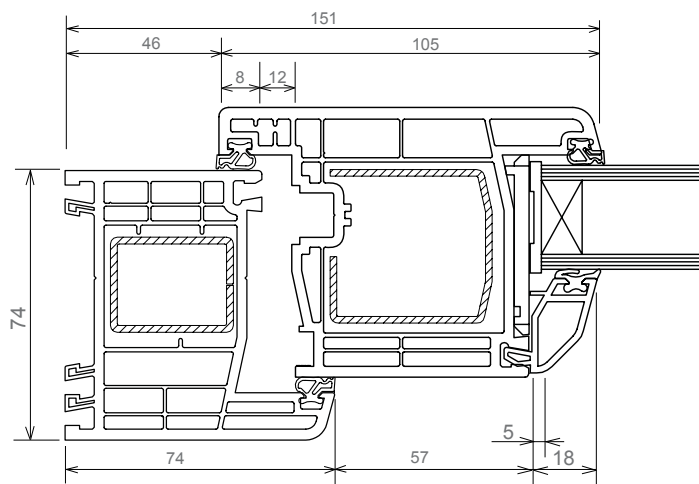
Threshold	6861501	$I_x = 13,83 \text{ cm}^4$ $I_y = 20,88 \text{ cm}^4$
Sash	8076	
Steel	8736 40x60 t=2 mm	

Weather bar - elox
 Wetterschenkel - elox
 Profilo gocciolatoio - elox
 Lăcrimar - elox

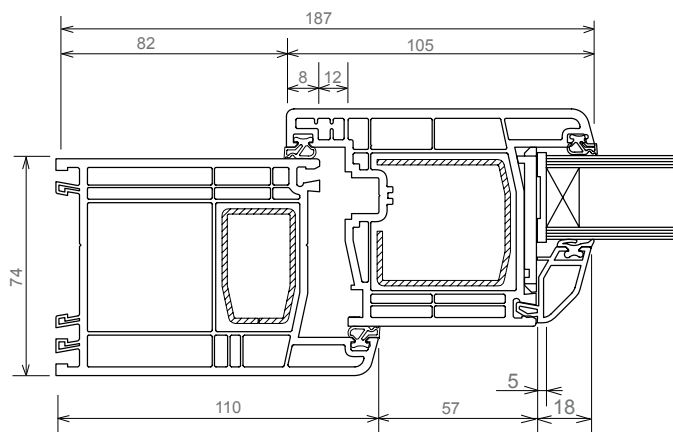
Frame - Sash outside opening / Blendrahmen - Flügel außen öffnend /
Telaio - Anta apertura esterna / Toc - Cercevea deschidere exterioară



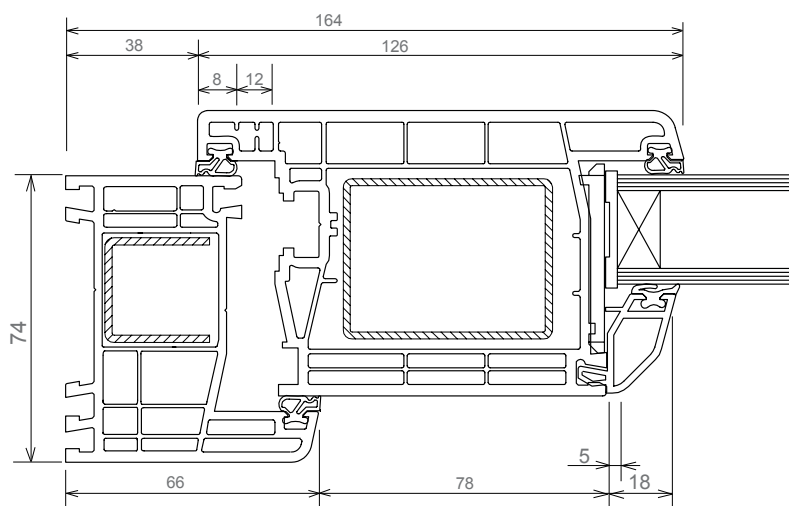
Frame	8001	$I_x=2,20 \text{ cm}^4$ $I_y=1,35 \text{ cm}^4$
	Steel	
	8727 28.5x28.5 t=2mm	
Sash	8078	$I_x=10,60 \text{ cm}^4$ $I_y=9,22 \text{ cm}^4$
	Steel	
	8706 48.5x46 t=2 mm	



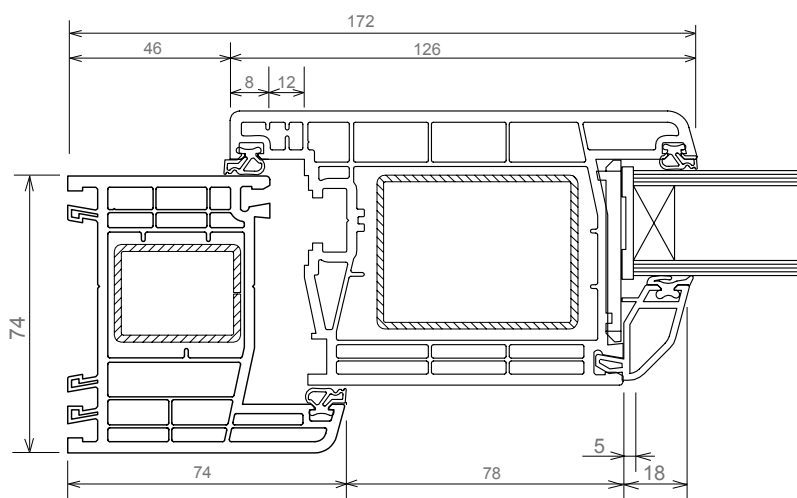
Frame	8010	$I_x=2,65 \text{ cm}^4$ $I_y=3,95 \text{ cm}^4$
	Steel	
	8710 27.5x35.5 t=2 mm	
Sash	8078	$I_x=10,60 \text{ cm}^4$ $I_y=9,22 \text{ cm}^4$
	Steel	
	8706 48.5x46 t=2 mm	



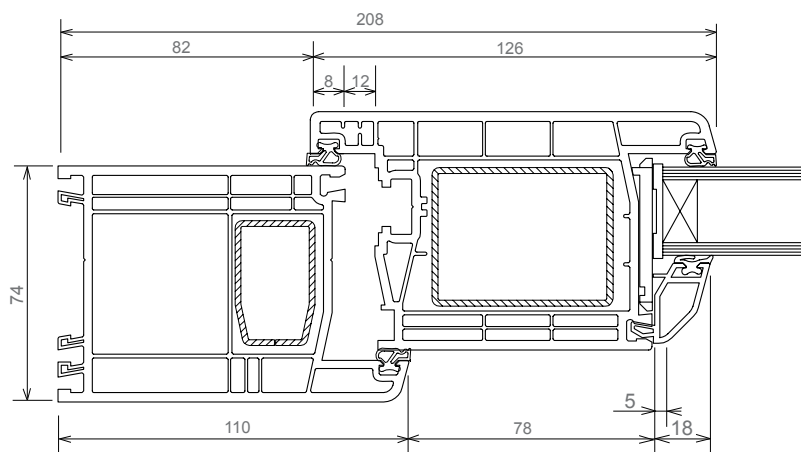
Frame	8015	$I_x=5,92 \text{ cm}^4$ $I_y=2,87 \text{ cm}^4$
	Steel	
	8701 43x27.5 t=2 mm	
Sash	8078	$I_x=10,60 \text{ cm}^4$ $I_y=9,22 \text{ cm}^4$
	Steel	
	8706 48.5x46 t=2 mm	



Frame	8001	
Steel	8727	$I_x=2,20 \text{ cm}^4$
	28.5x28.5	$I_y=1,35 \text{ cm}^4$
	t=2mm	
Sash	8042	
Steel	8736	$I_x=13,83 \text{ cm}^4$
	40x60	$I_y=20,88 \text{ cm}^4$
	t=2 mm	

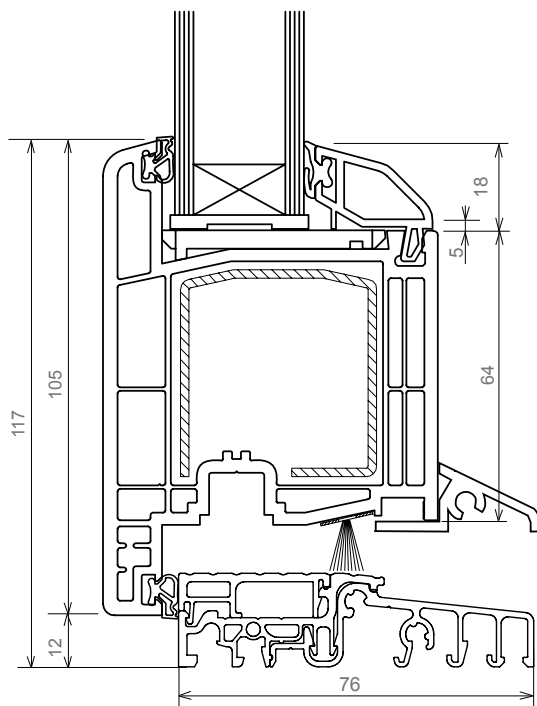
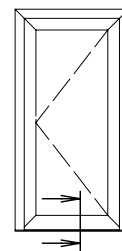


Frame	8010	
Steel	8710	$I_x=2,65 \text{ cm}^4$
	27.5x35.5	$I_y=3,95 \text{ cm}^4$
	t=2 mm	
Sash	8042	
Steel	8736	$I_x=13,83 \text{ cm}^4$
	40x60	$I_y=20,88 \text{ cm}^4$
	t=2 mm	



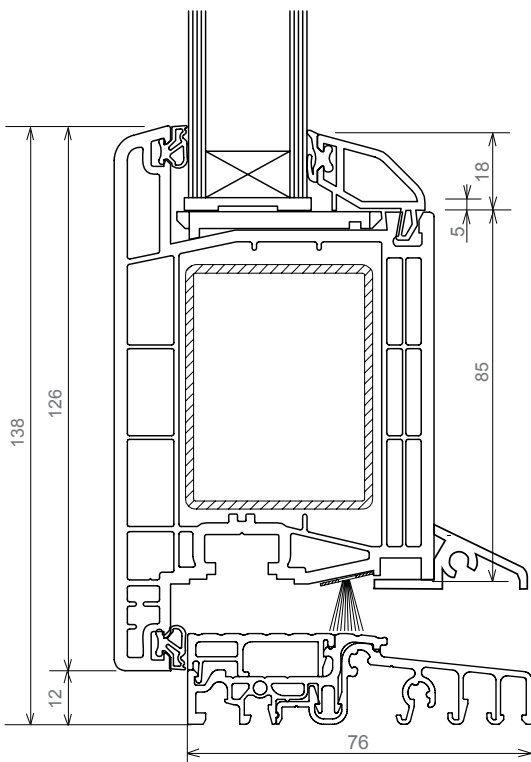
Frame	8015	
Steel	8701	$I_x=5,92 \text{ cm}^4$
	43x27.5	$I_y=2,87 \text{ cm}^4$
	t=2 mm	
Sash	8042	
Steel	8736	$I_x=13,83 \text{ cm}^4$
	40x60	$I_y=20,88 \text{ cm}^4$
	t=2 mm	

Threshold - Sash outside opening / Schwellenprofil - Flügel außen öffnend /
Soglia - Anta apertura esterna / Prag - Cercevea deschidere exterioară



Threshold	6861501	$I_x=10,60 \text{ cm}^4$ $I_y=9,22 \text{ cm}^4$
Sash	8078	
Steel	8706	
	48.5x46 t=2 mm	

Weather bar - elox
Wetterschenkel - elox
Profilo gocciolatoio - elox
Lăcrimar - elox

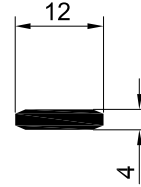
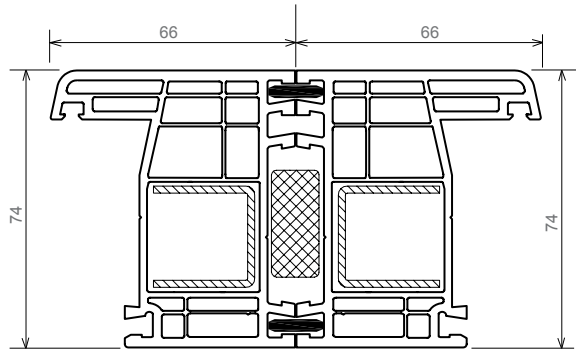


Threshold	6861501	$I_x=13,83 \text{ cm}^4$ $I_y=20,88 \text{ cm}^4$
Sash	8042	
Steel	8736	
	40x60 t=2 mm	

Weather bar - elox
Wetterschenkel - elox
Profilo gocciolatoio - elox
Lăcrimar - elox

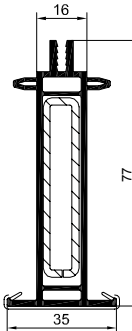
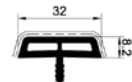
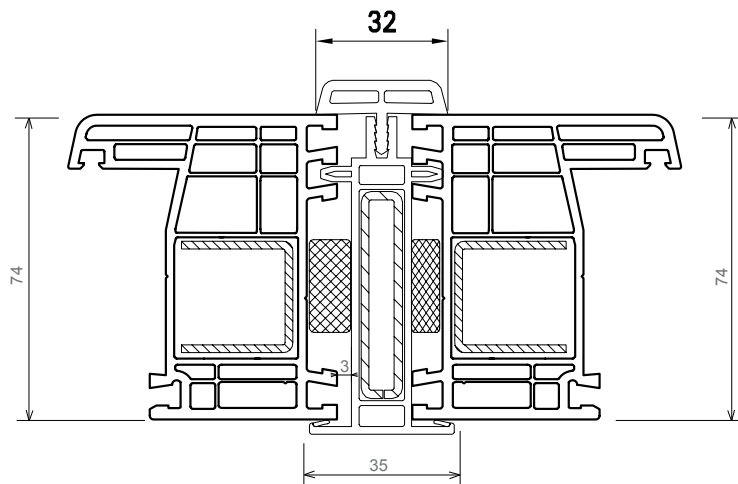
Coupling profiles / Kopplungsprofile /
Profili di accoppiamento / Profile de cuplare

Coupling profile gasket / Kopplungsdichtung / *Guarnizione giunto* / Garnitură de cuplare



500730

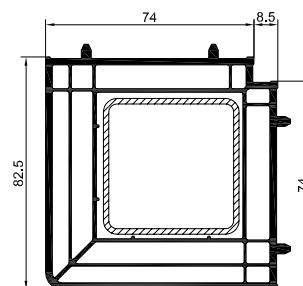
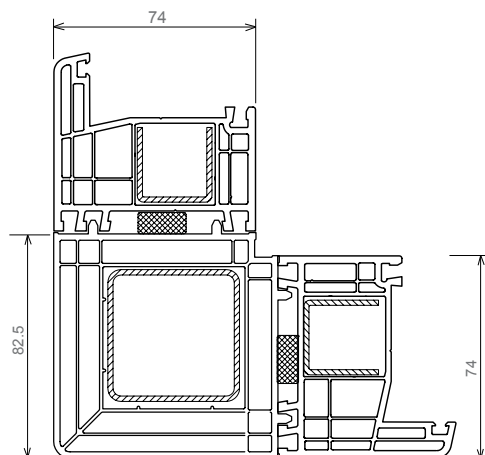
H coupler / H Kopplung / *Profilo di accoppiamento* / Profil cuplare ranforsat



7281

Steel 7796
 $I_x = 9,19 \text{ cm}^4$

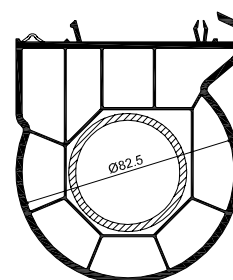
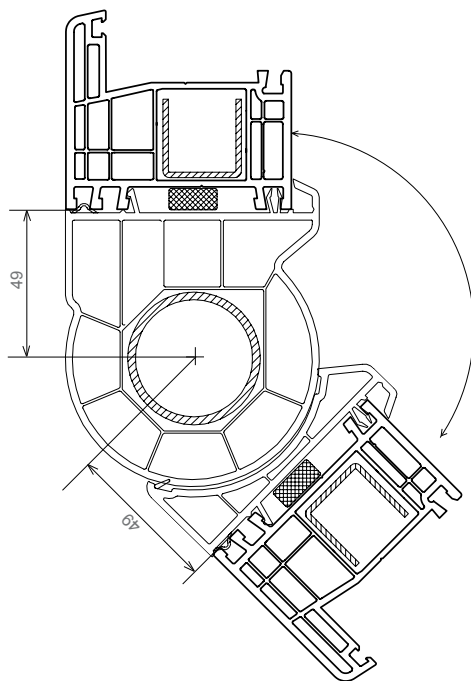
Corner coupling 90° / Eckkopplung 90° /
Giunto angolare 90° / Profil cuplare 90°



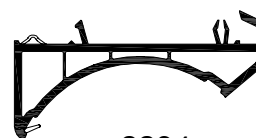
2304

Steel 7718
 $I_x = 7,11 \text{ cm}^4$

Bay pole / Eckkopplung variabel / *Giunto angolare variabile* / Profil cuplare unghi variabil

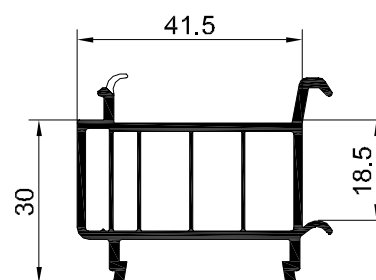
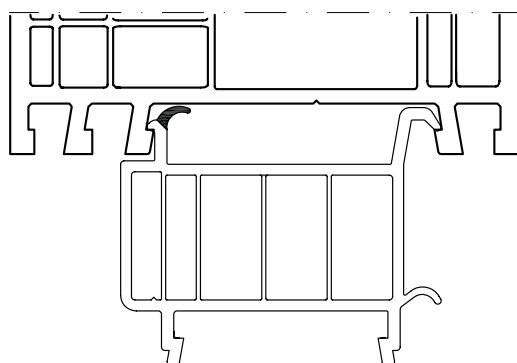


2233
Steel 7711
 $I_x = 7,54 \text{ cm}^4$

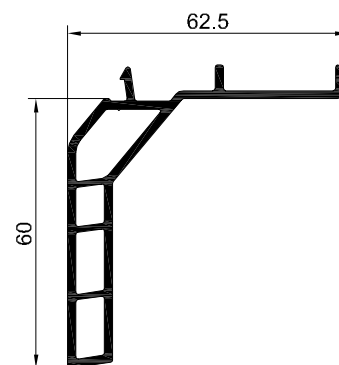
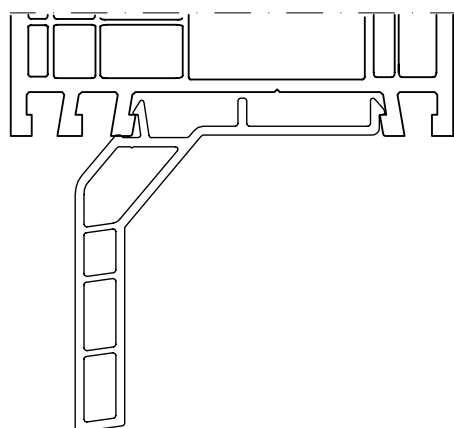


2234

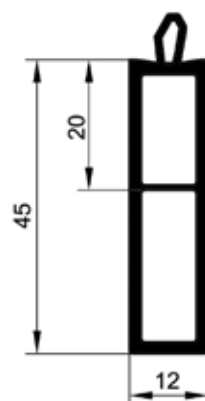
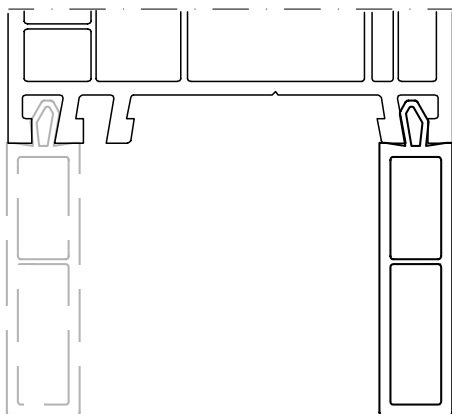
Base profiles / Sohlbankprofile /
Profilo appoggio inferiore / Profile supraînălțare pervaz



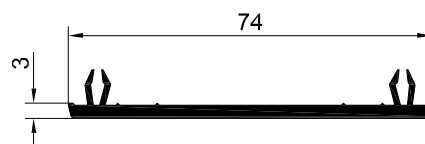
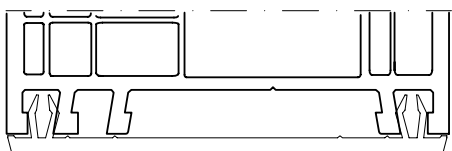
7205



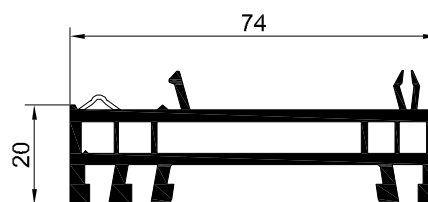
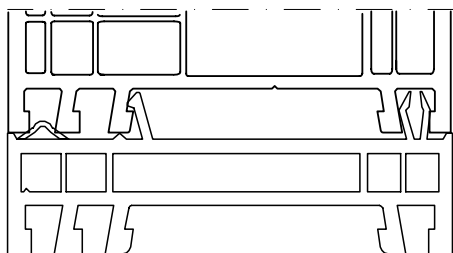
7209



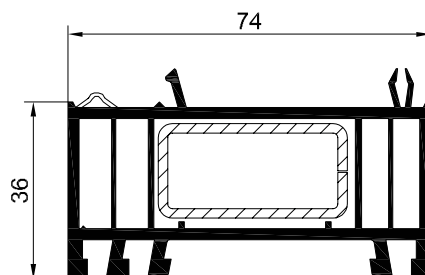
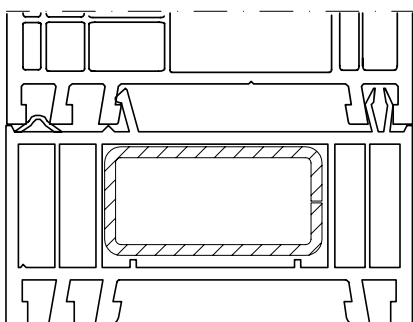
3217



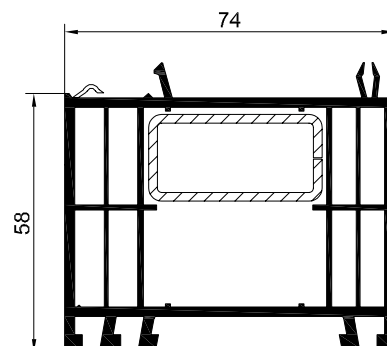
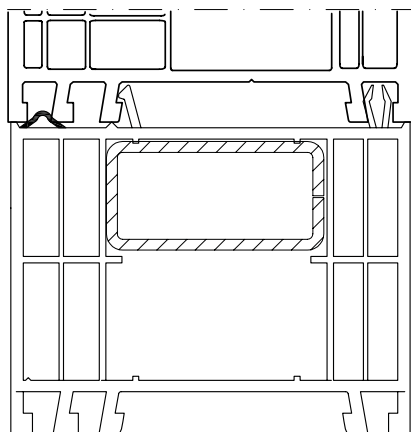
7310



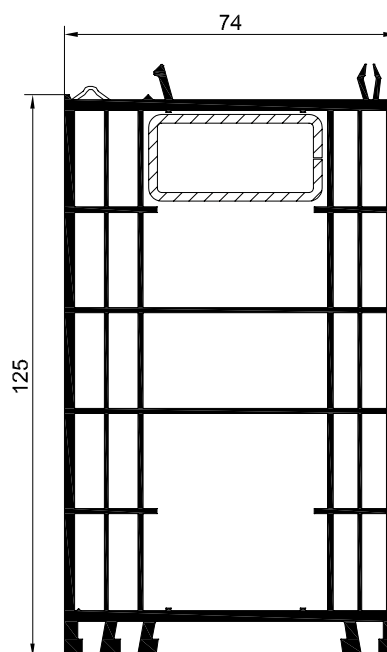
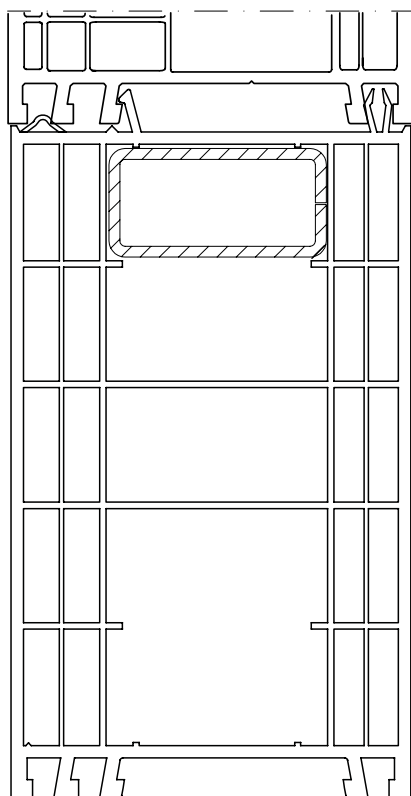
2315



2313
Steel 2724*
*Optional



7292
Steel 2724*
*Optional



2311
Steel 2724*
*Optional

PERFORMER 74

RONDO

STYLE 76

PASIV 82

KUBUS

PREMIDOOR 76

PREMIDOOR 88

PREMILINE

GLAS
GLASS

ROLLO TOP

ROLLO FRONT

BORA

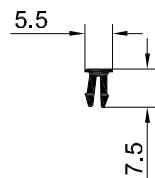
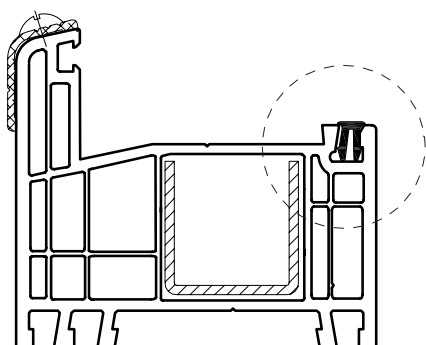
HERCULES 70

BESCHLÄG
HARDWARE

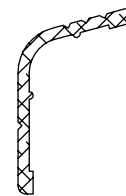
Auxiliary profiles / Zusatzprofile / Profili aggiuntivi / Profile auxiliare

Aluminum foot-step angle / Alu-Trittwinkel / Protezione pedata in alluminio / Protecție aluminiu toc

Cover profile / Abdeck Profil / Profilo chiudi-cava / Profil închidere nut

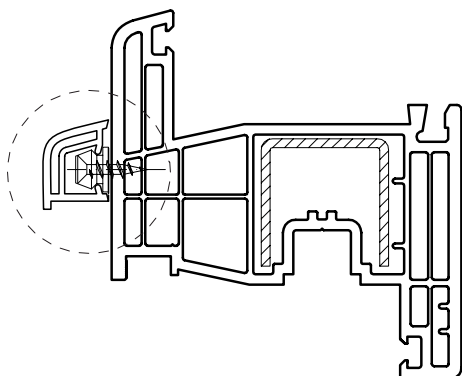


230600



8459

Weather bar / Wetterschenkel / Profilo gocciolatoio / Lăcrimar

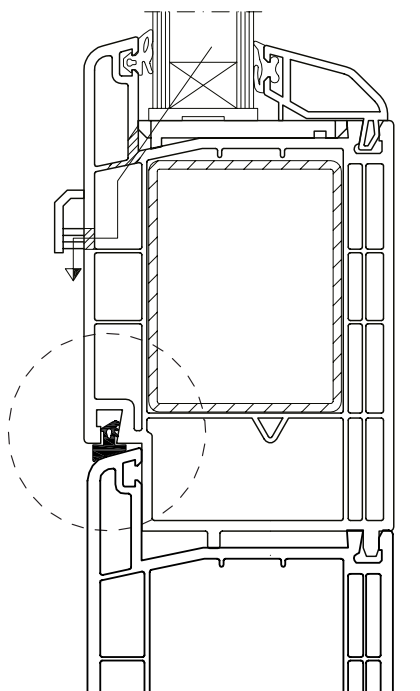


3325

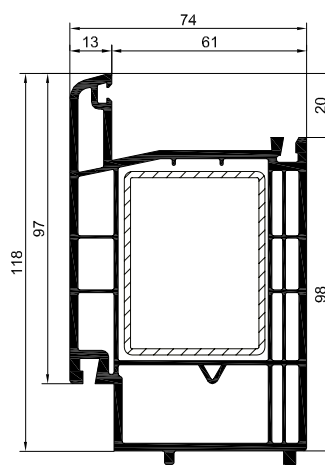


3327

Extension profile / Verbreiterung / Profilo zoccolo porta / Profil bandou ușă



8177

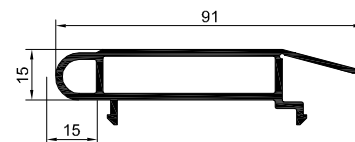
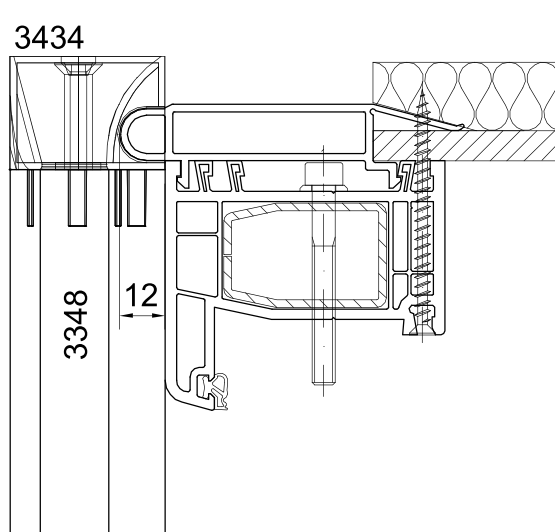


8273
Steel 8736

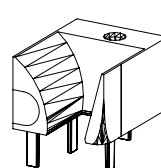
Roller shutter profiles / Rollladen Zusatzprofile / Profili aggiuntivi per avvolgibile / Profile rulouri

Roller shutter guide profile / Rollladen Ablaufprofil / Profilo guida tapparelle / Profil ghidaj cover lamele rulou

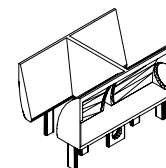
Roller shutter feeding form / Rollladeneinlauftrichter / Convogliatore avvolgibile / Ghidaj şină rulou



7340

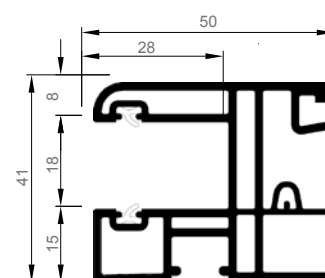
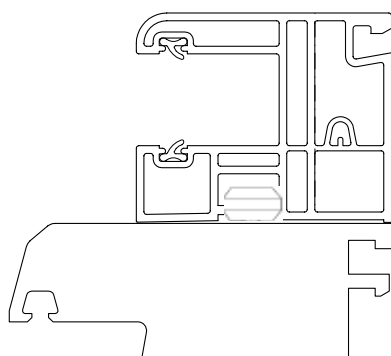


3434



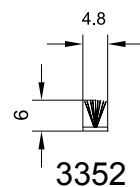
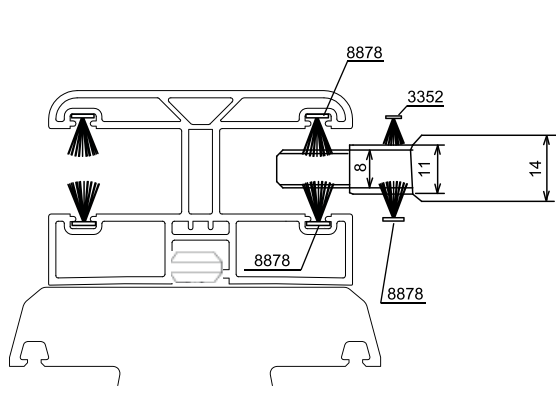
3429

Roller shutter guide / Rollladenführung / Guida per avvolgibile / Şină rulou

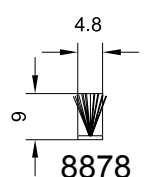


3348

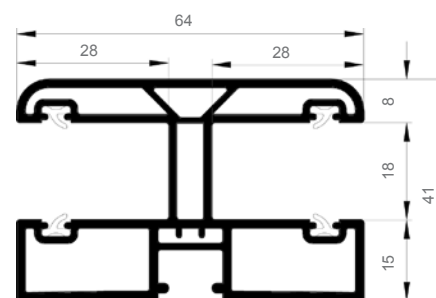
Roller shutter guide / Rollladenführung / Guida per avvolgibile / Şină rulou



3352



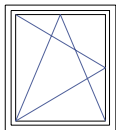
8878



3347

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

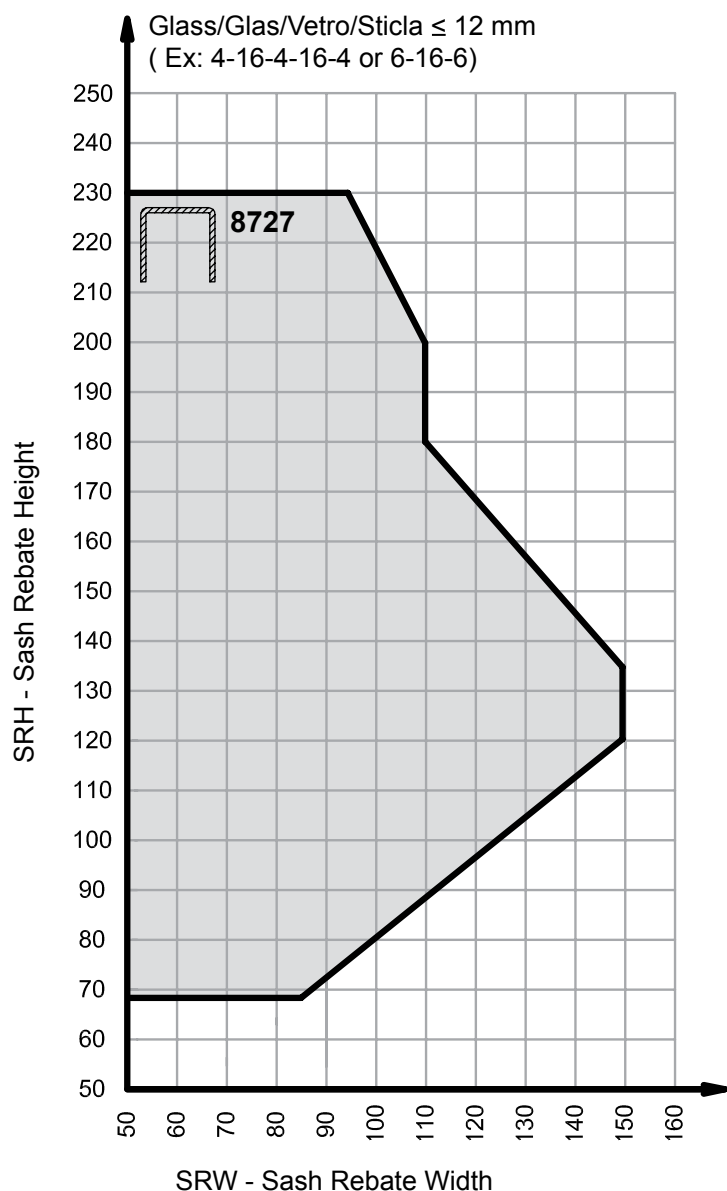
Opening types



Profile: **WHITE** / WEISS / BIANCO / ALB

Glass: $\leq 30 \text{ kg/m}^2$

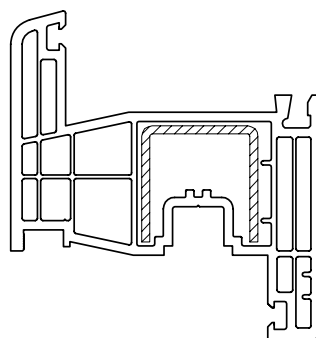
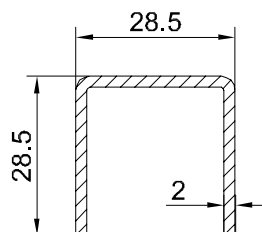
Sash: Standard



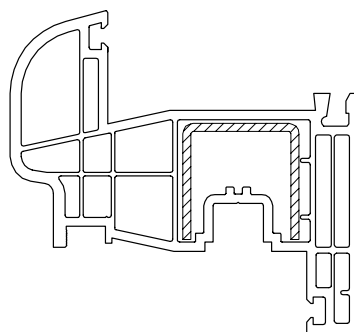
Steel

8727

28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095



Sash 8096

The sash width must not be greater than the sash height by more than 25%

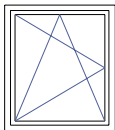
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

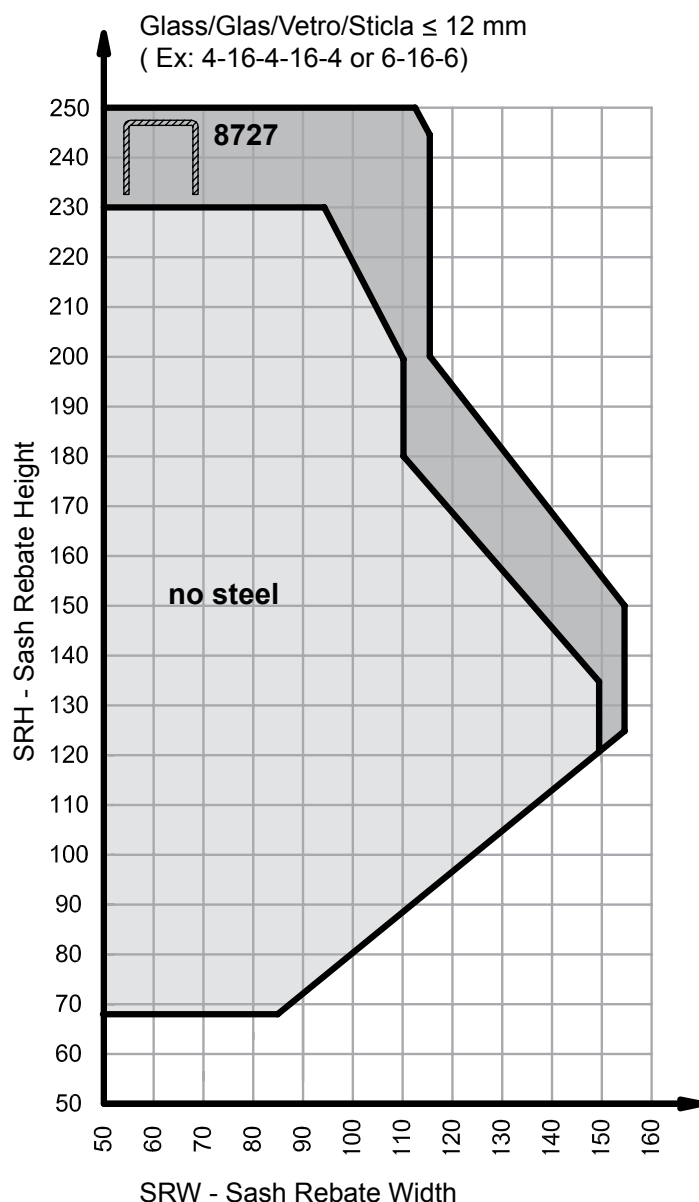
Opening types



Profile: **WHITE** / WEISS / BIANCO / ALB

Glass: $\leq 30 \text{ kg/m}^2$

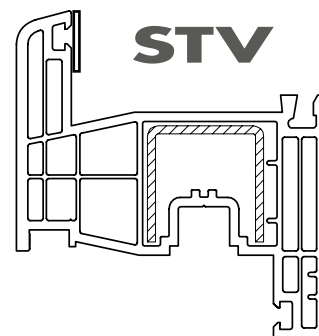
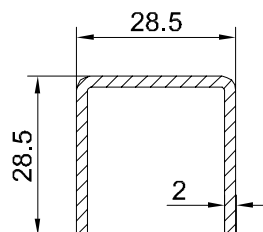
Sash: STV



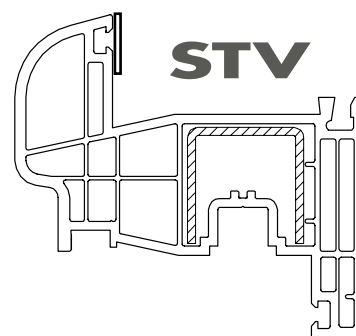
Steel

8727

28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095A



Sash 8096A

The sash width must not be greater than the sash height by more than 25%

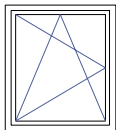
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

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Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

Opening types



Profile: **COLOR** / FARBE / PELLICOLATO / COLOR

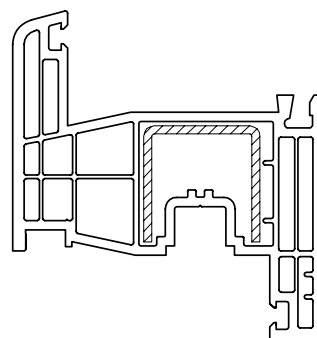
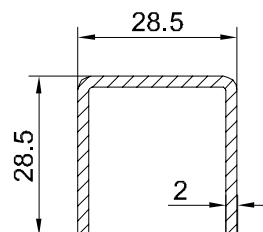
Glass: $\leq 30 \text{ kg/m}^2$

Sash: Standard

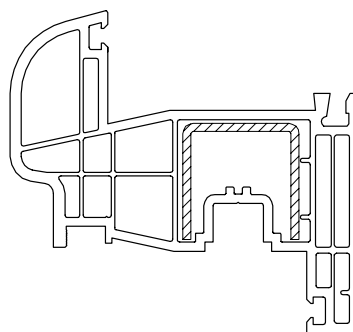
Steel

8727

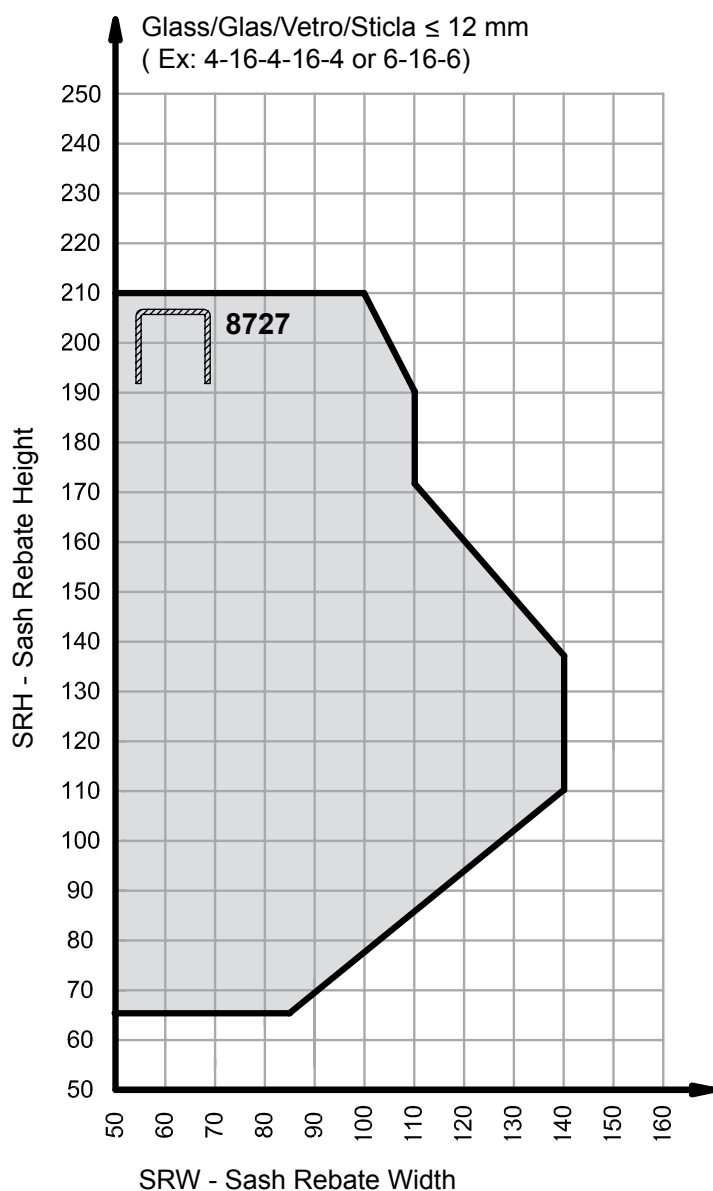
28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095



Sash 8096



The sash width must not be greater than the sash height by more than 25%

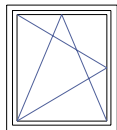
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

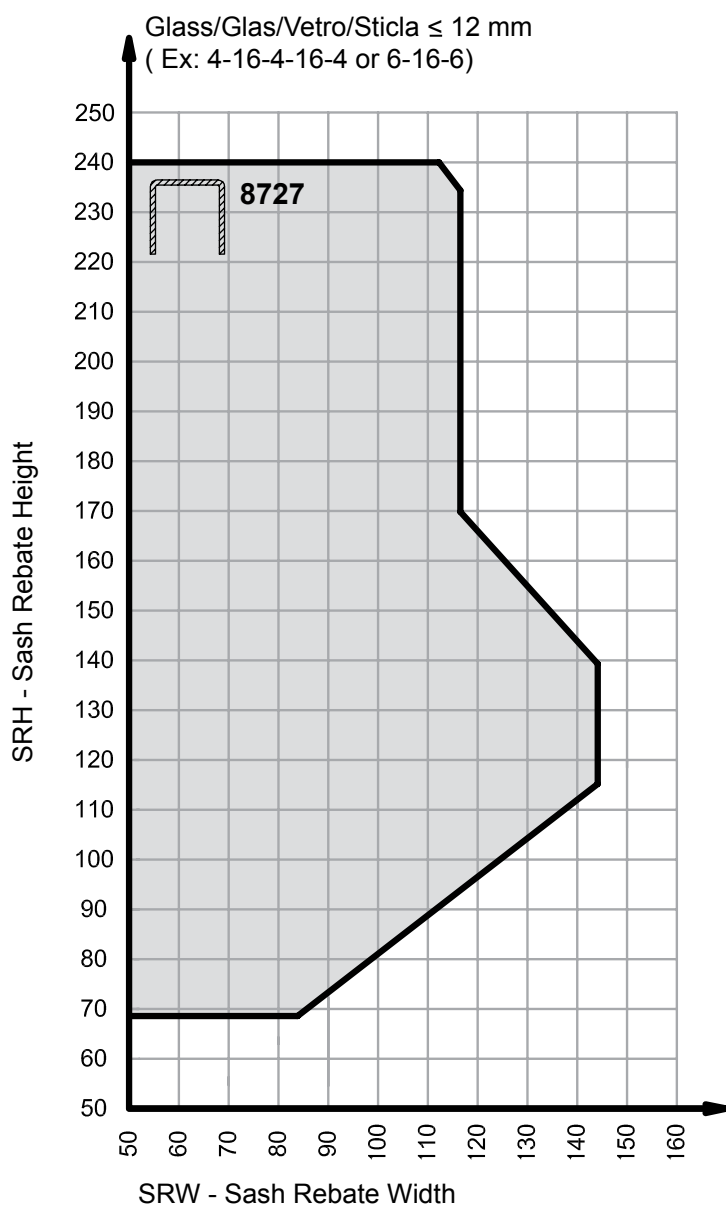
Opening types



Profile: **COLOR** / FARBE / PELLICOLATO / COLOR

Glass: $\leq 30 \text{ kg/m}^2$

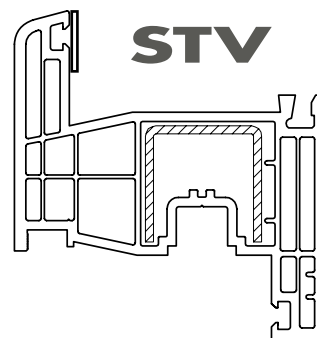
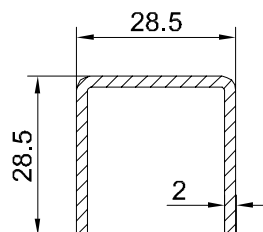
Sash: STV



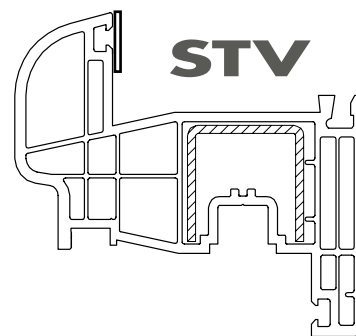
Steel

8727

28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095A



Sash 8096A

The sash width must not be greater than the sash height by more than 25%

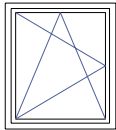
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Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

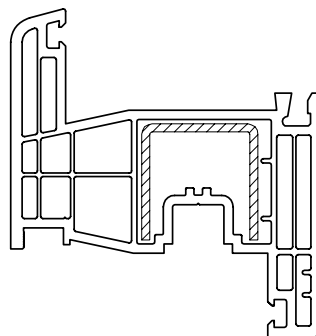
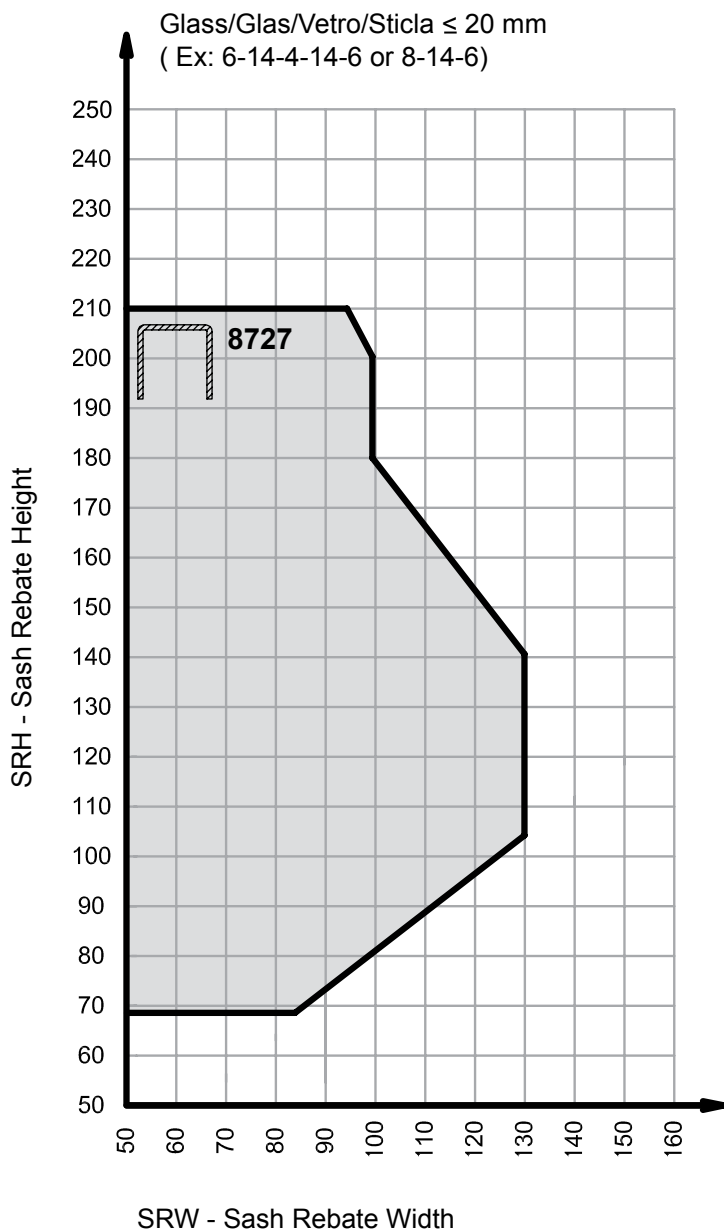
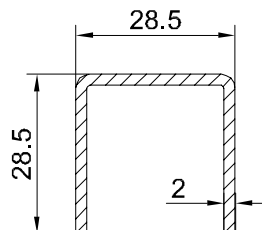
Opening types



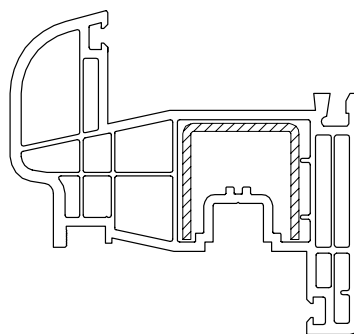
Profile: **WHITE** and **COLOR** / WEISS und FARBE /
BIANCO e PELLICOLATO / ALB și COLOR
Glass: $\leq 50 \text{ kg/m}^2$
Sash: Standard

Steel

8727
28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095



Sash 8096

The sash width must not be greater than the sash height by more than 25%

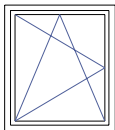
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

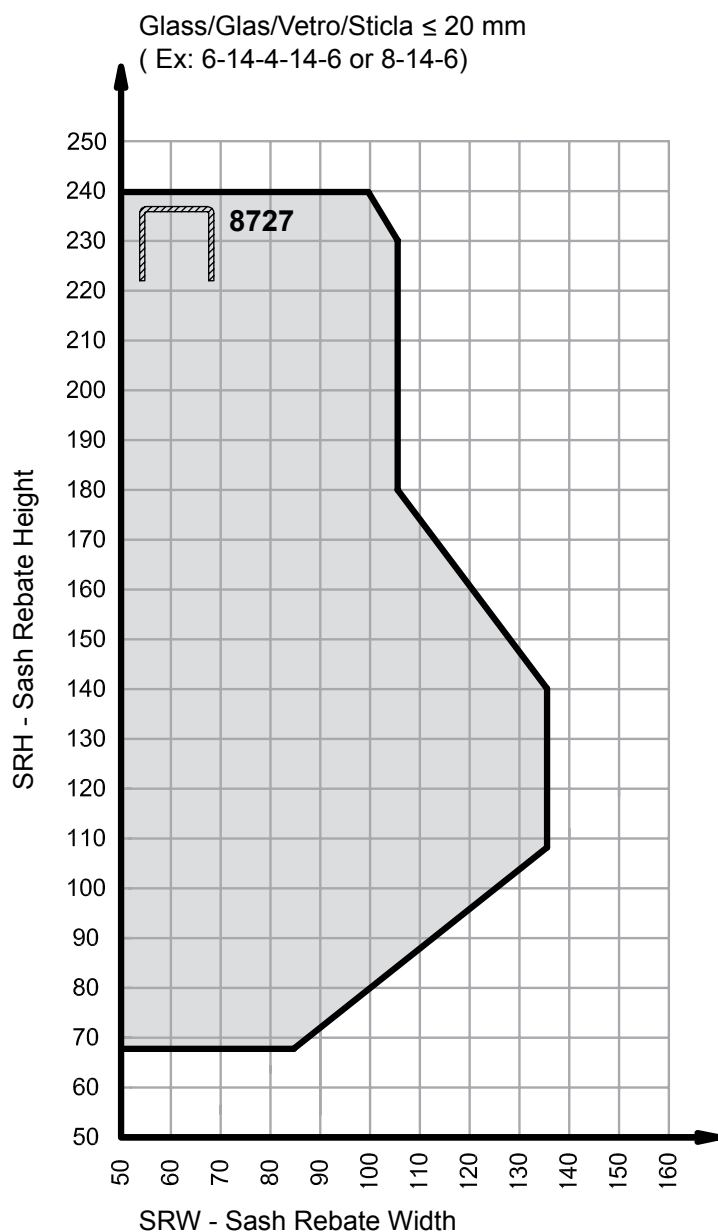
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

Opening types



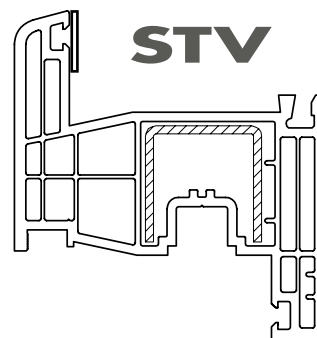
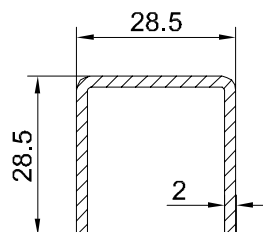
Profile: **WHITE** and **COLOR** / WEISS und FARBE /
BIANCO e PELLICOLATO / ALB și COLOR
Glass: $\leq 50 \text{ kg/m}^2$
Sash: STV



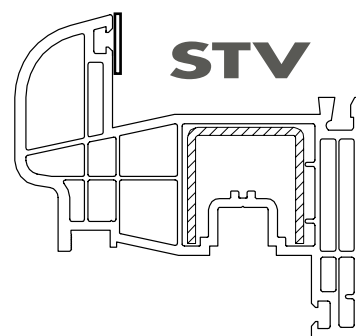
Steel

8727

28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095A



Sash 8096A

The sash width must not be greater than the sash height by more than 25%

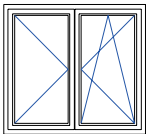
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

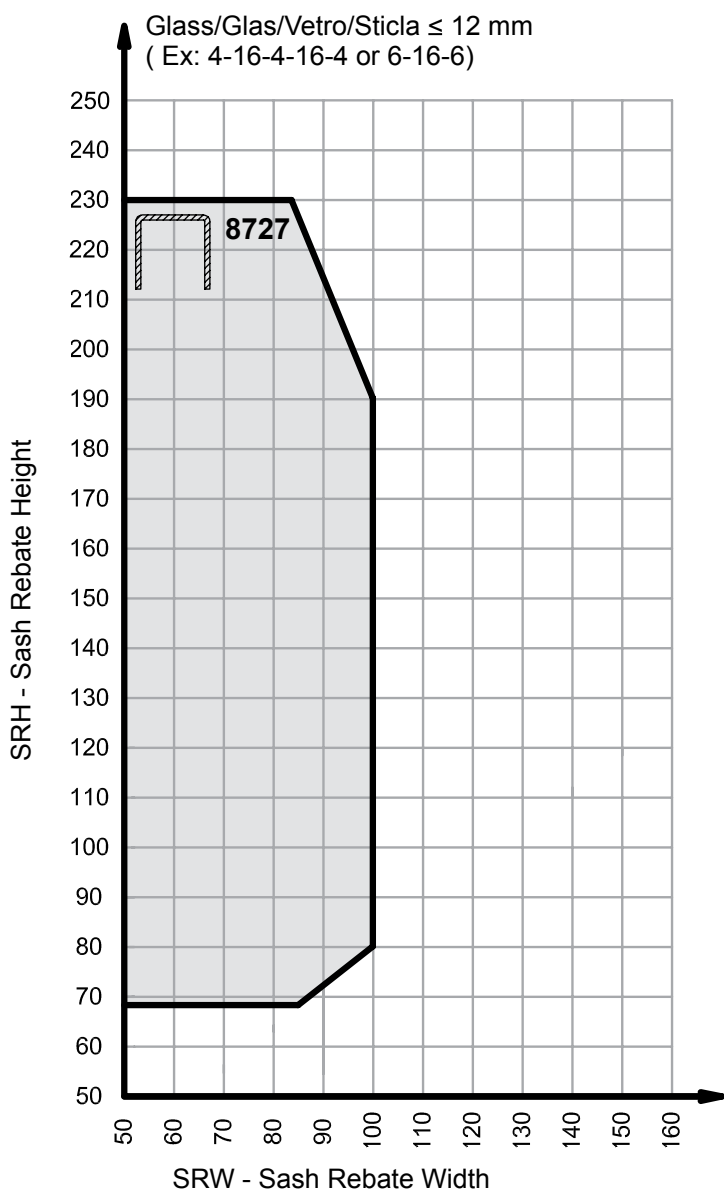
Opening types



Profile: **WHITE** / WEISS / BIANCO / ALB

Glass: $\leq 30 \text{ kg/m}^2$

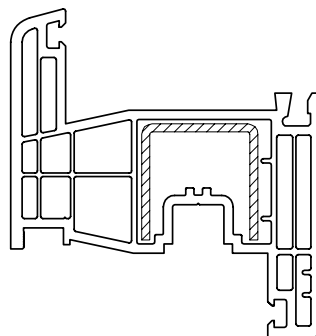
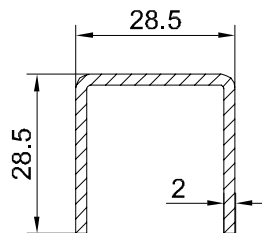
Sash: Standard



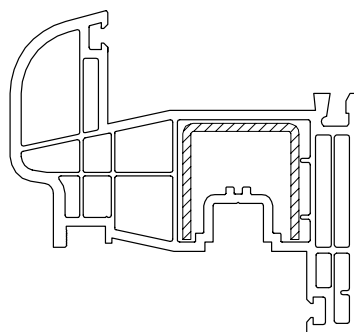
Steel

8727

28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095



Sash 8096

The sash width must not be greater than the sash height by more than 25%

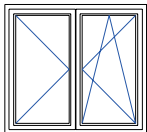
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

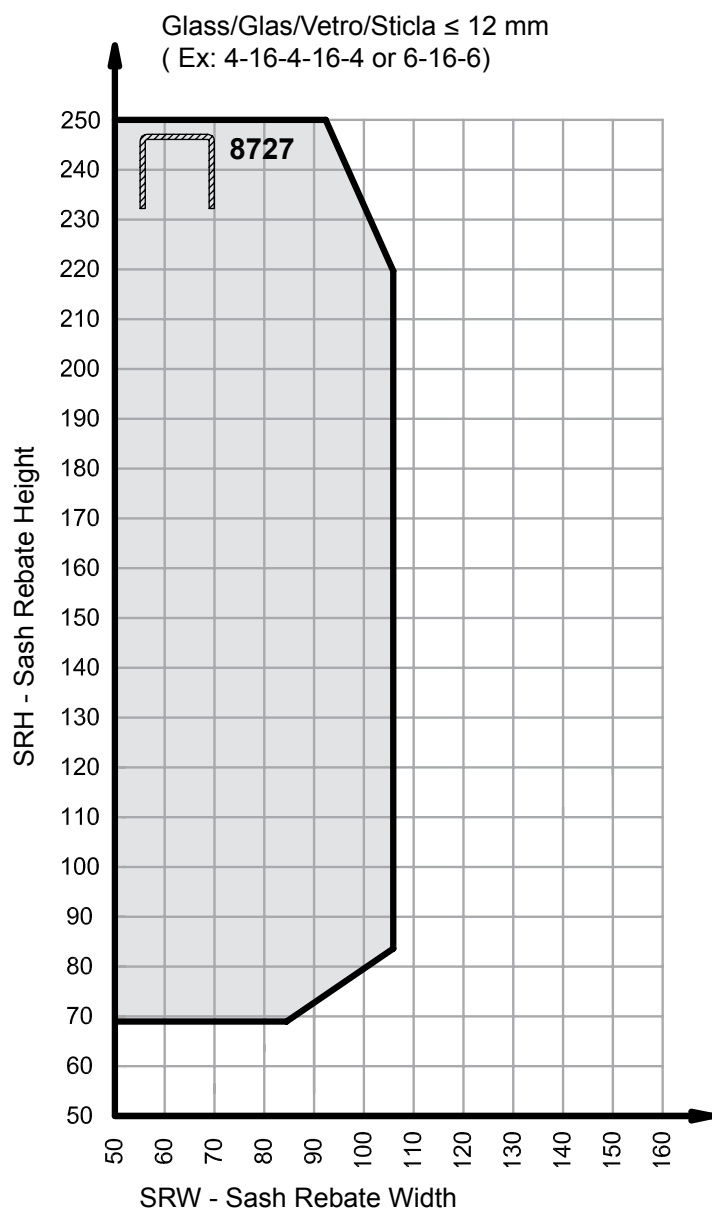
Opening types



Profile: **WHITE** / WEISS / BIANCO / ALB

Glass: $\leq 30 \text{ kg/m}^2$

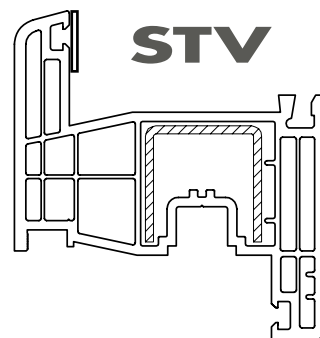
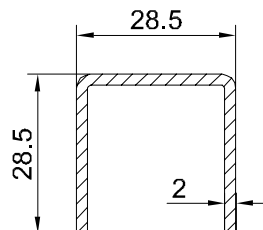
Sash: STV



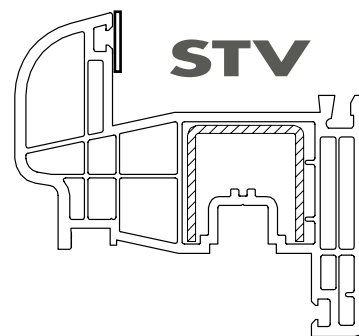
Steel

8727

28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095A



Sash 8096A

The sash width must not be greater than the sash height by more than 25%

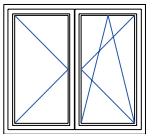
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

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Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

Opening types



Profile: **COLOR** / FARBE / PELLICOLATO / COLOR

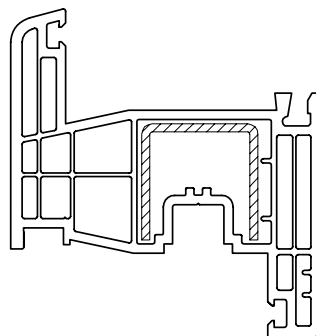
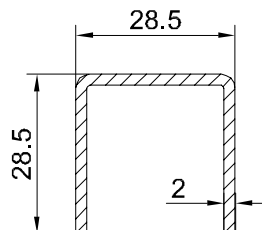
Glass: $\leq 30 \text{ kg/m}^2$

Sash: Standard

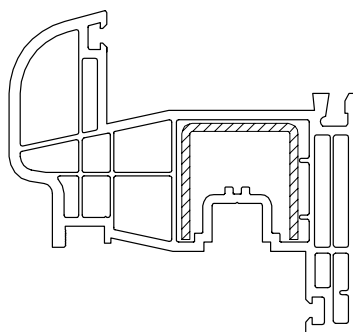
Steel

8727

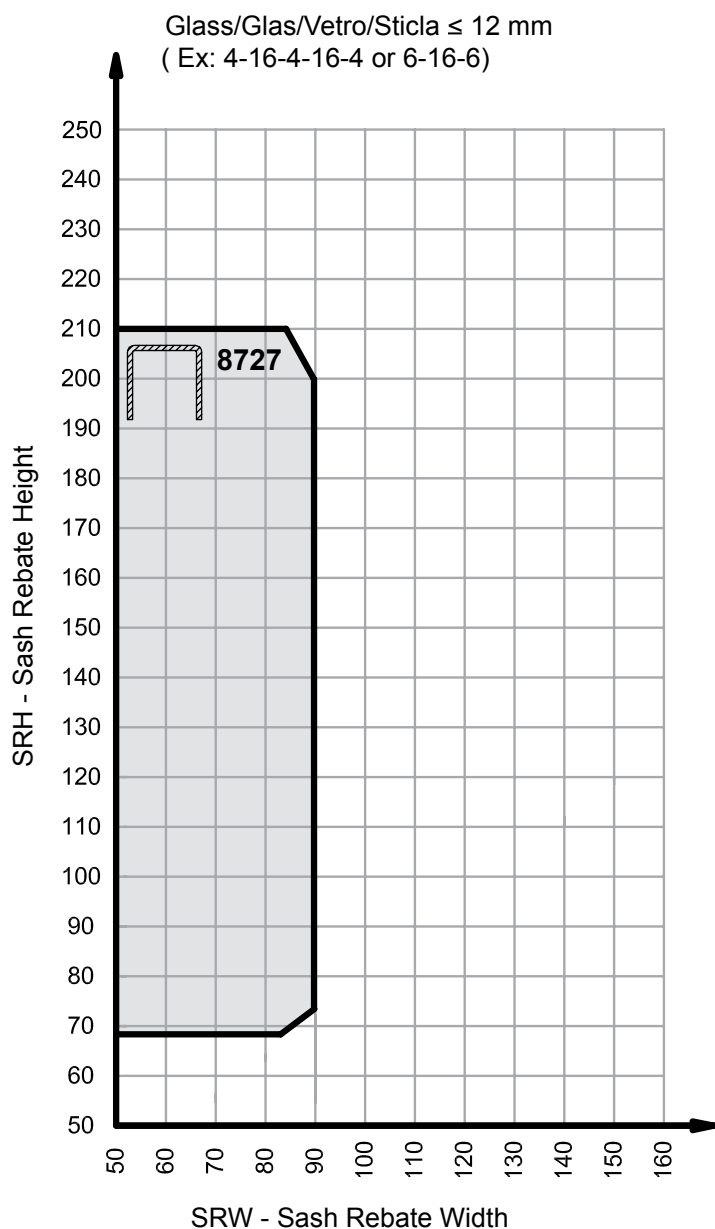
28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095



Sash 8096



The sash width must not be greater than the sash height by more than 25%

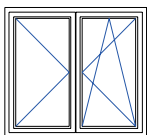
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

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Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

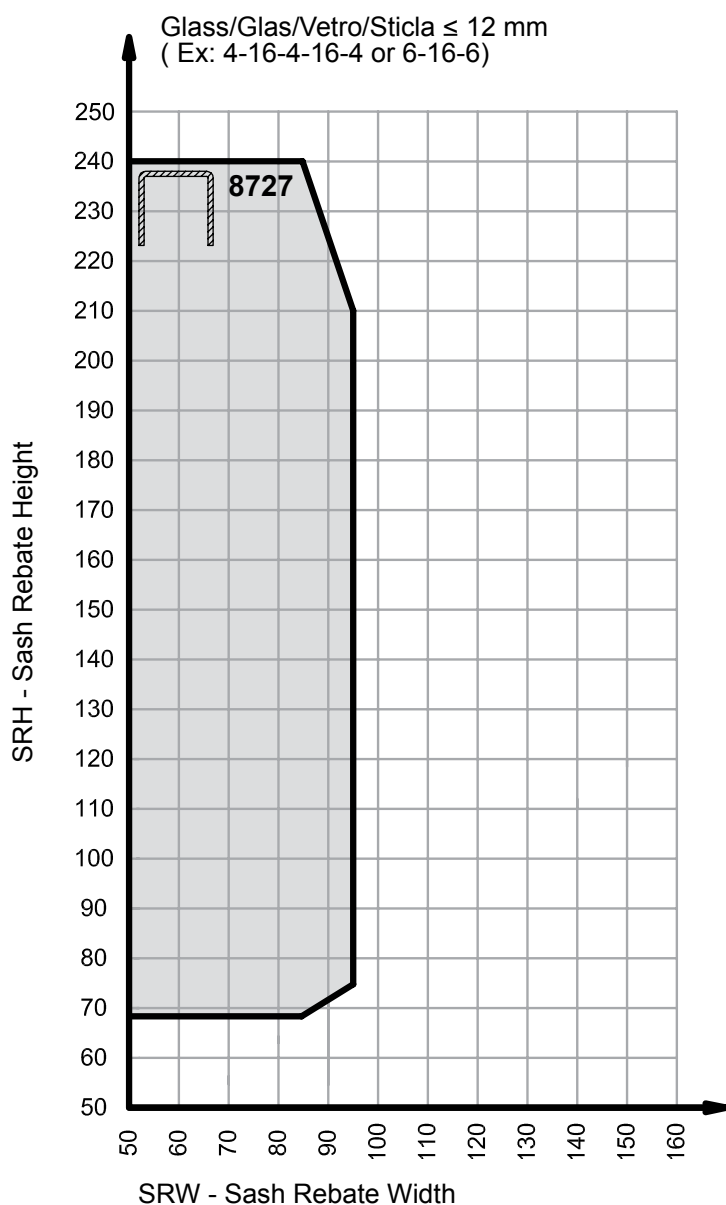
Opening types



Profile: **COLOR** / FARBE / PELLICOLATO / COLOR

Glass: $\leq 30 \text{ kg/m}^2$

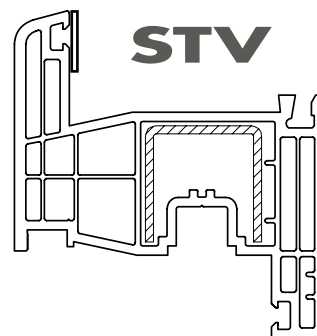
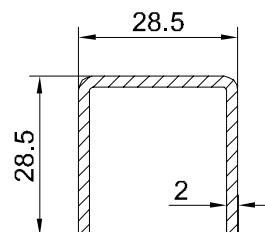
Sash: STV



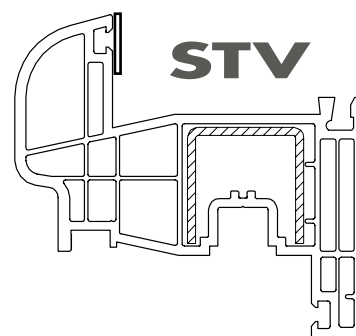
Steel

8727

28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095A



Sash 8096A

The sash width must not be greater than the sash height by more than 25%

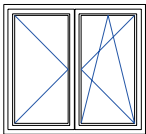
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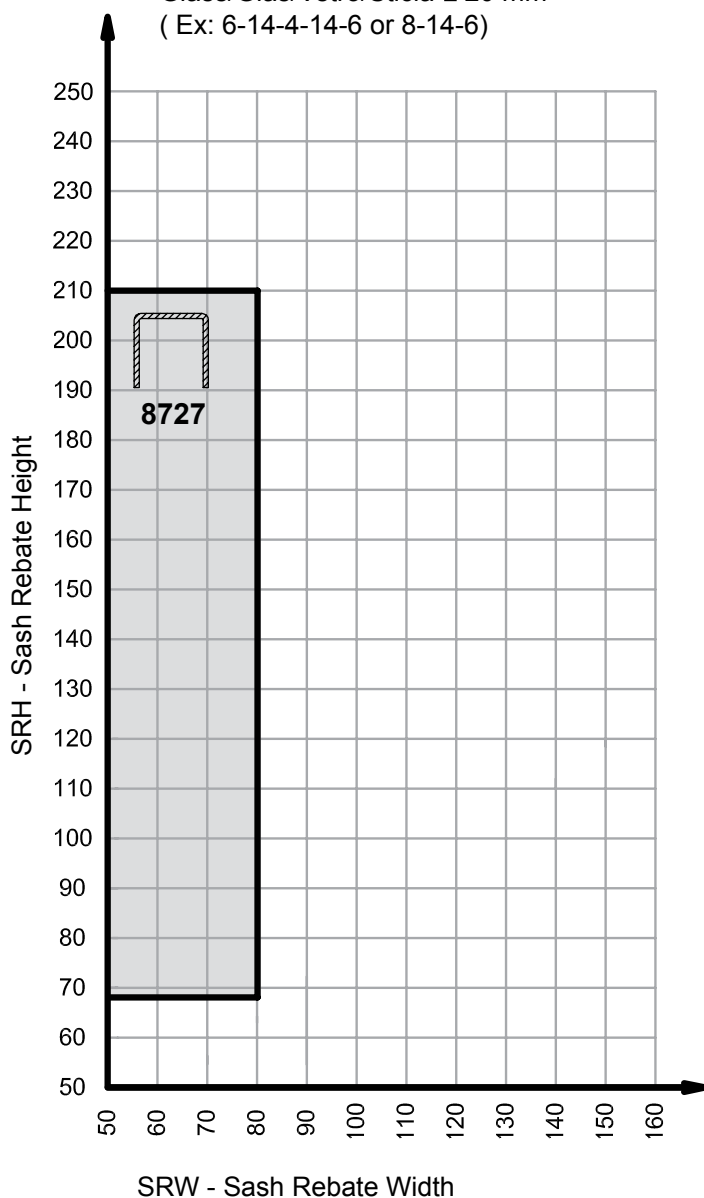
Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

Opening types



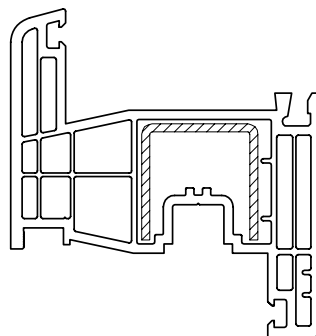
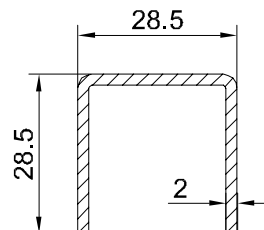
Profile: **WHITE** and **COLOR** / WEISS und FARBE /
BIANCO e PELLICOLATO / ALB și COLOR
Glass: $\leq 50 \text{ kg/m}^2$
Sash: Standard

Glass/Glas/Vetro/Sticla $\leq 20 \text{ mm}$
(Ex: 6-14-4-14-6 or 8-14-6)

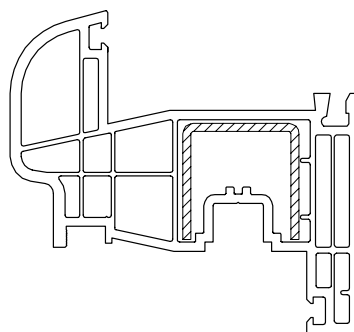


Steel

8727
28,5x28,5 $I_x=2,20 \text{ cm}^4$
t=2mm



Sash 8095



Sash 8096

The sash width must not be greater than the sash height by more than 25%

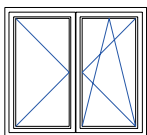
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

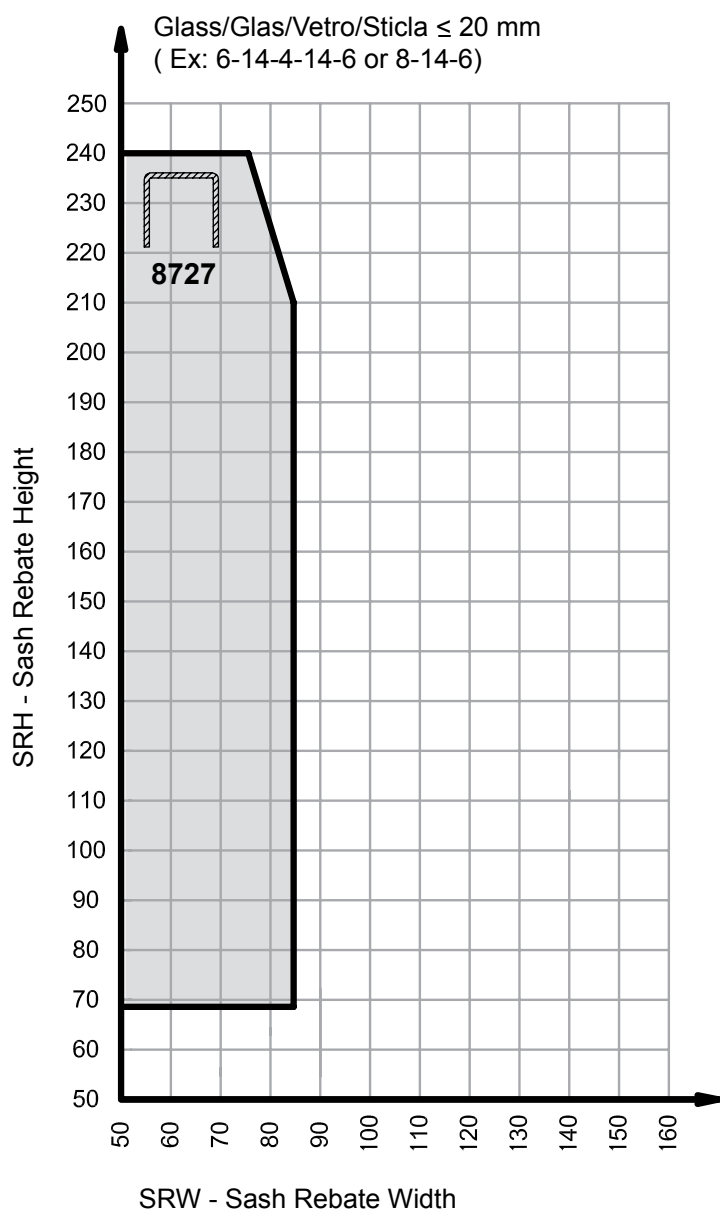
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

Opening types

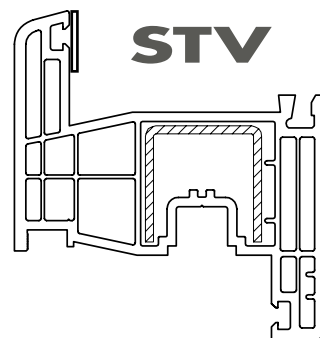
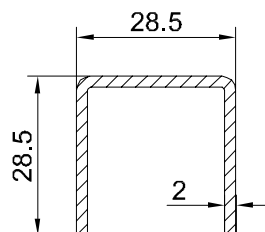


Profile: **WHITE** and **COLOR** / WEISS und FARBE /
BIANCO e PELLICOLATO / ALB și COLOR
Glass: $\leq 50 \text{ kg/m}^2$
Sash: STV

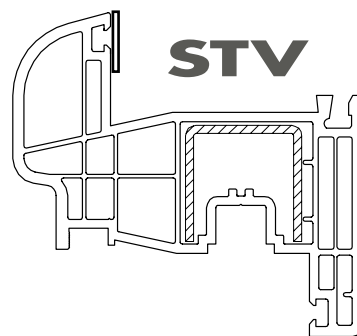


Steel

8727
28,5x28,5 $I_x=2,20 \text{ cm}^4$
 $t=2\text{mm}$



Sash 8095A



Sash 8096A

The sash width must not be greater than the sash height by more than 25%

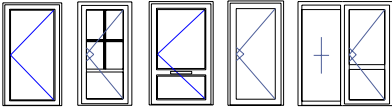
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

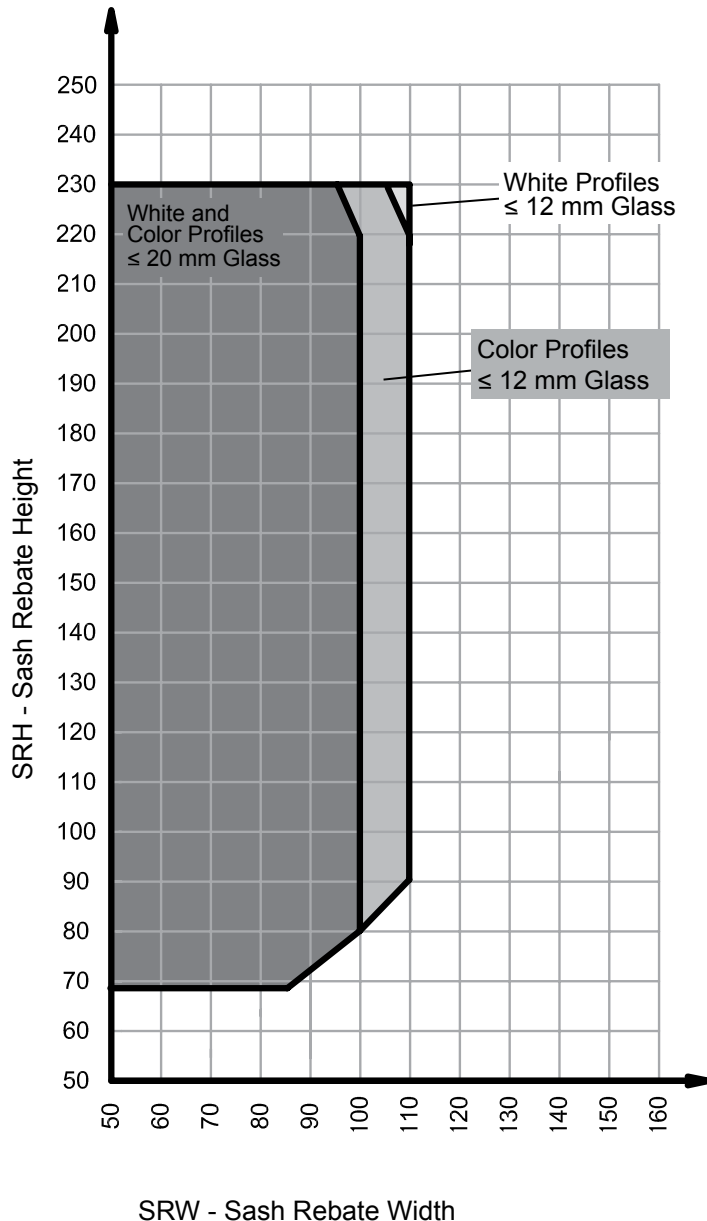
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

Door Sash Maximum Sizes / Türen Flügelgrößen Diagramme / Campi d'applicazione
Anta Porta / Dimensiuni maxime cercevea ușă

Opening types

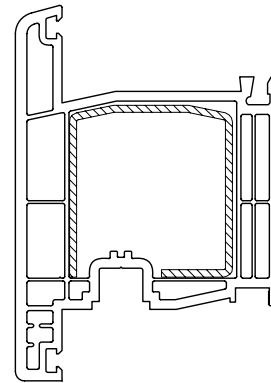
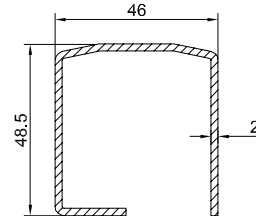


Profile: **WHITE** and **COLOR** / WEISS und FARBE /
BIANCO e PELLICOLATO / ALB și COLOR
Glass: $\leq 50 \text{ kg/m}^2$
Sash: Standard

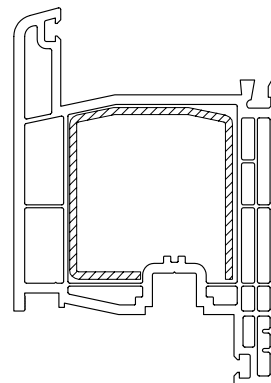


Steel

8706
46X48.5 $I_x=10,60 \text{ cm}^4$
t=2 mm



Sash 8078



Sash 8081

The sash width must not be greater than the sash height by more than 25%

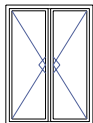
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

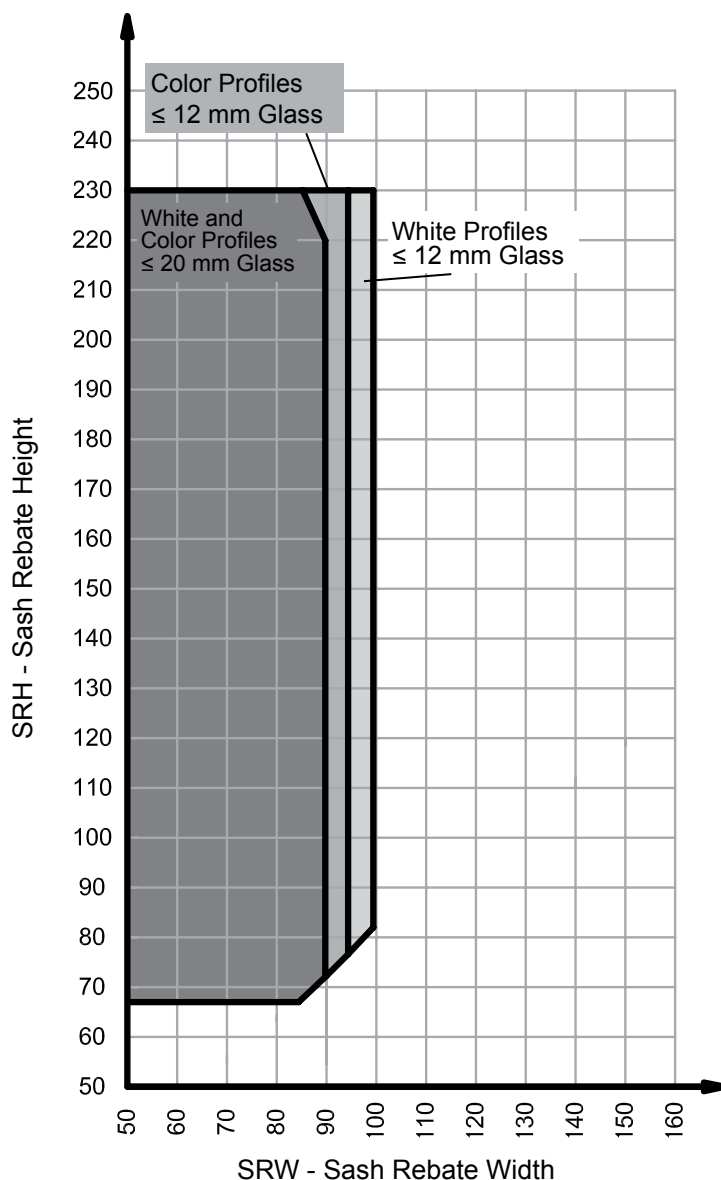
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

Door Sash Maximum Sizes / Türen Flügelgrößen Diagramme / Campi d'applicazione
Anta Porta / Dimensiuni maxime cercevea ușă

Opening types

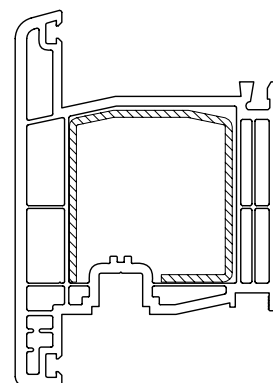
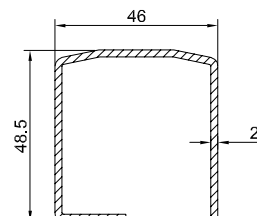


Profile: **WHITE** and **COLOR** / WEISS und FARBE /
BIANCO e PELLICOLATO / ALB și COLOR
Glass: $\leq 50 \text{ kg/m}^2$
Sash: Standard

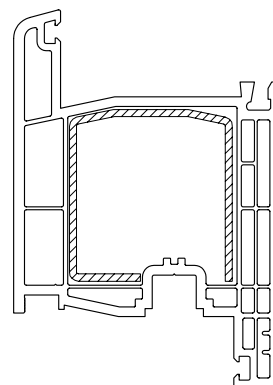


Steel

8706
46X48.5 $I_x=10,60 \text{ cm}^4$
t=2 mm



Sash 8078



Sash 8081

The sash width must not be greater than the sash height by more than 25%

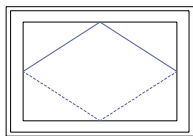
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

Window Sash Maximum Sizes / Fenster Flügelgrößen Diagramme /
Campi d'applicazione Anta Finestra / Dimensiuni maxime cercevea fereastră

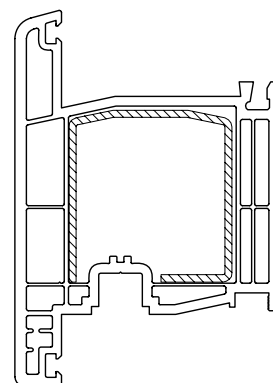
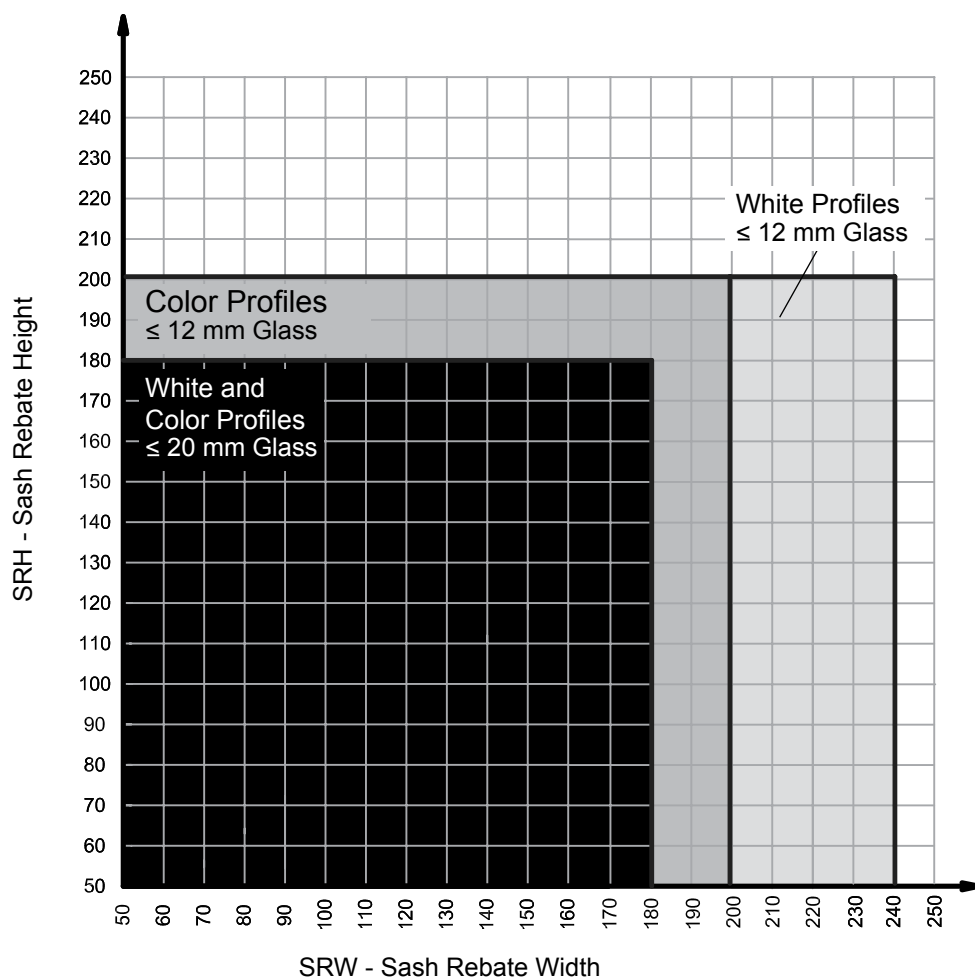
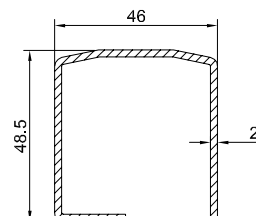
Opening types



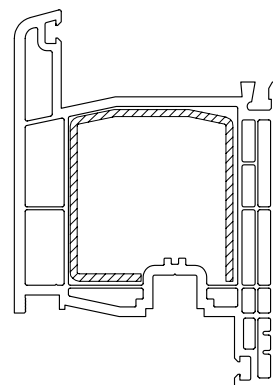
Profile: **WHITE** and **COLOR** / WEISS und FARBE /
BIANCO e PELLICOLATO / ALB și COLOR
Glass: $\leq 50 \text{ kg/m}^2$
Sash: Standard

Steel

8706
46X48.5 $I_x=10,60 \text{ cm}^4$
t=2 mm



Sash 8078



Sash 8081

The sash width must not be greater than the sash height by more than 25%

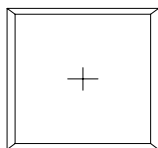
Die Flügelbreite darf die Flügelhöhe um nicht um mehr als 25% überschreiten.

La larghezza dell'anta non deve superare l'altezza della medesima di oltre il 25%

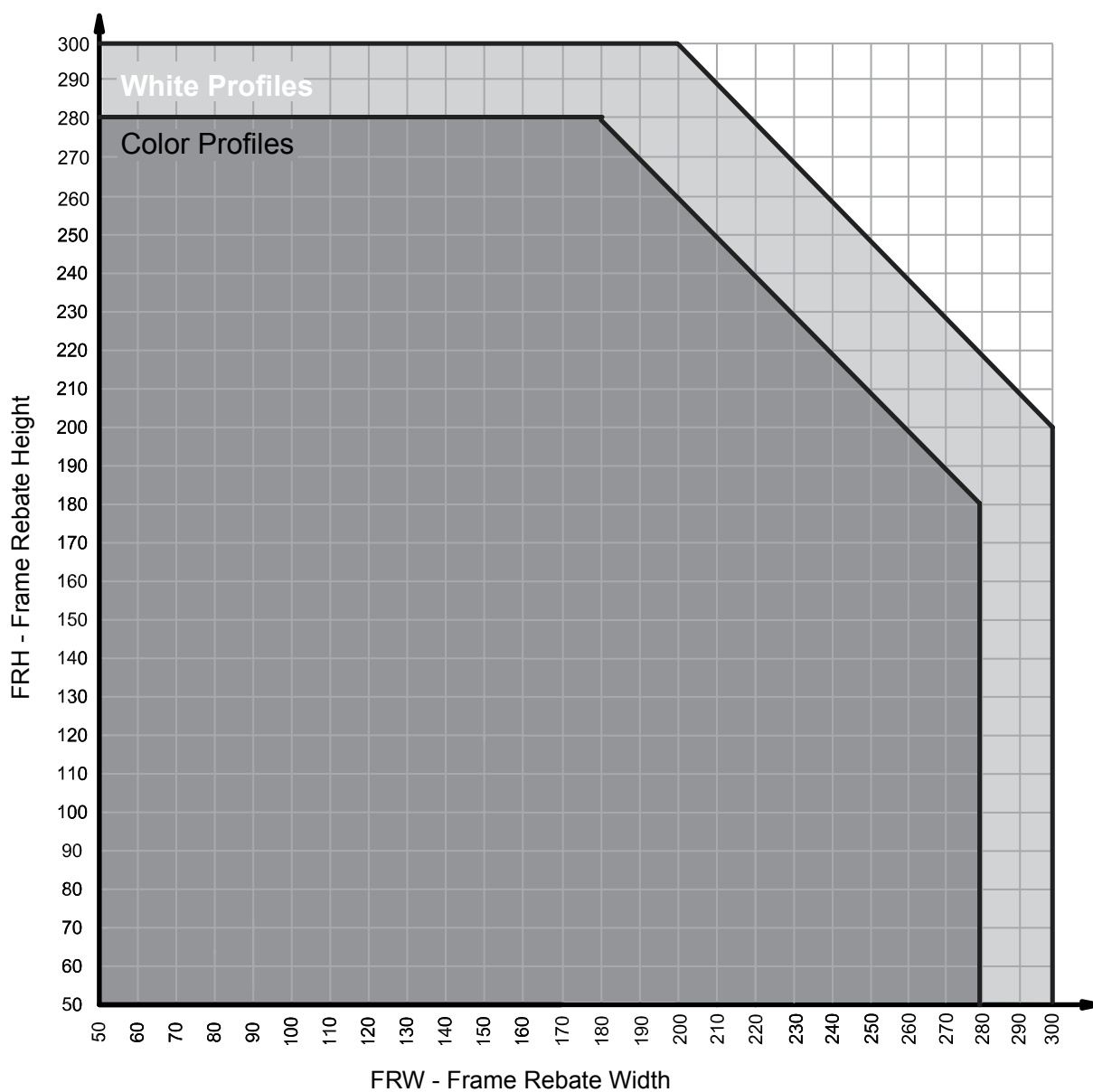
Lățimea cercevelei nu trebuie să depășească înălțimea acesteia cu mai mult de 25%

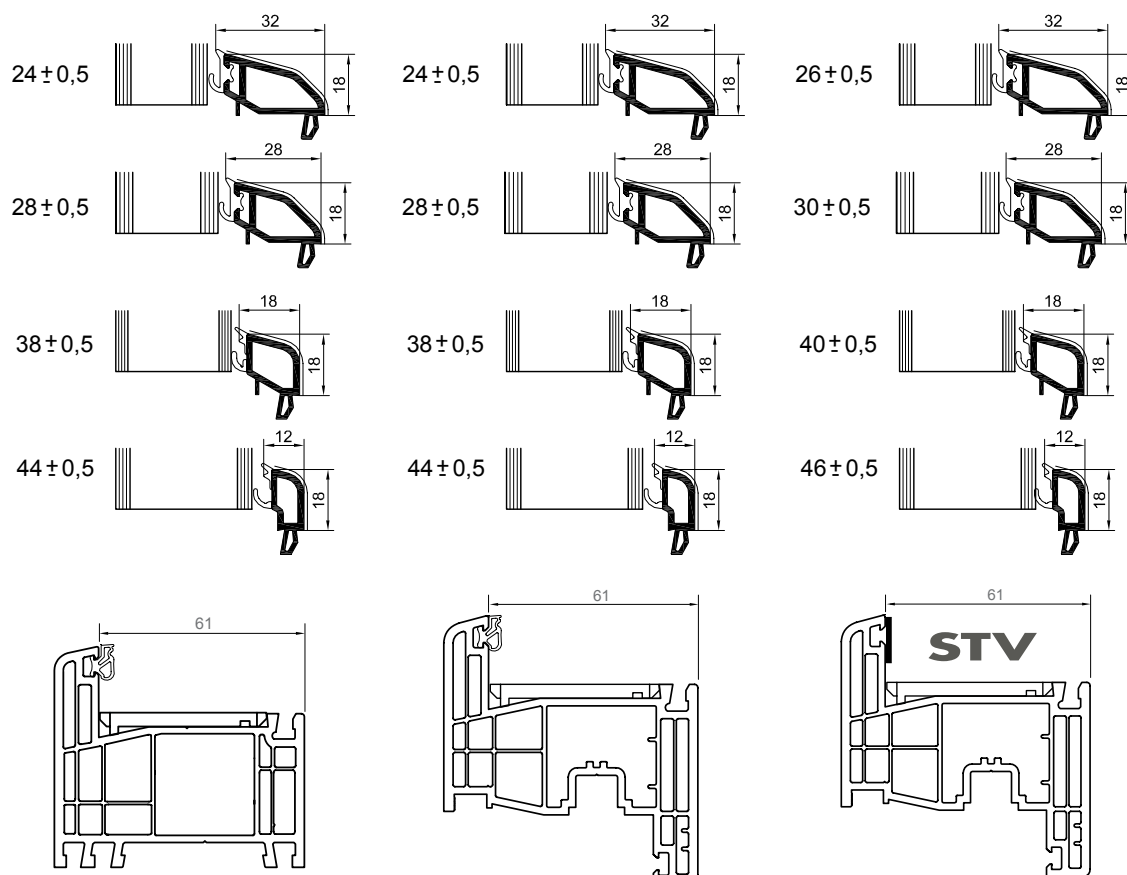
Window Frame Maximum Sizes / Fenster Blendrahmengrößen Diagramme /
Campi d'applicazione Telaio Finestra / Dimensiuni maxime toc fereastră

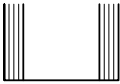
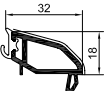
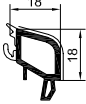
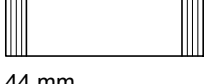
Opening types

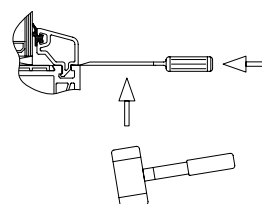
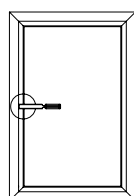
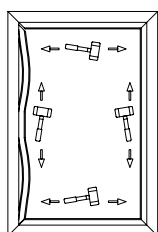


Profile: **WHITE** and **COLOR** / WEISS und FARBE /
BIANCO e PELLICOLATO / ALB și COLOR



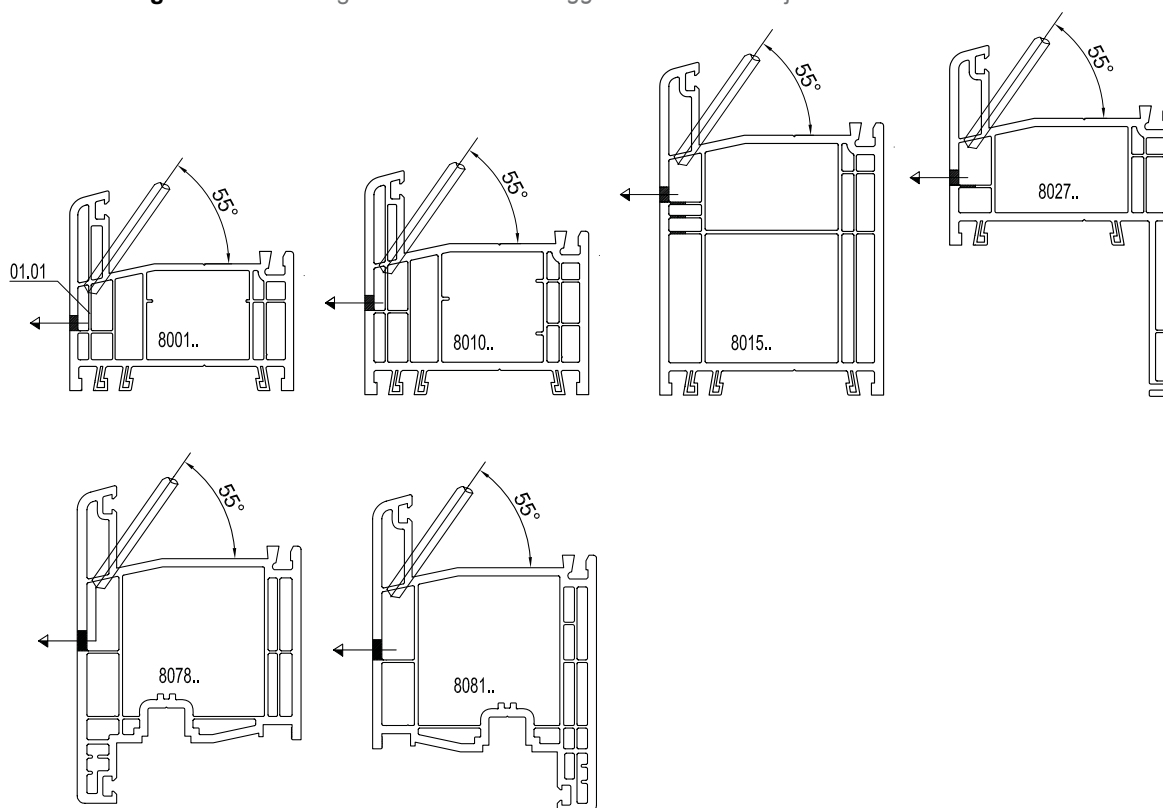
Glazing Beads / Glasleiste / Fermavetri / Baghete de fixare geam


Profile	Glass / Glas / Vetro / Sticlă	Glazing bead / Glasleiste Fermavetro / Baghetă	Gasket / Dichtung Guarnizione / Garnitură
Frame 8001, 8010, 8015, 8030, 8027 Sash 8095, 8081, 8078, 8096, 8076, 8042 Mullion 8080, 8040	 24 mm	7124 	black or gray
Frame 8001, 8010, 8015, 8030, 8027 Sash 8095, 8081, 8078, 8096, 8076, 8042 Mullion 8080	 28 mm	7128 	black or gray
Frame 8001, 8010, 8015, 8030, 8027 Sash 8095, 8081, 8078, 8096, 8076, 8042 Mullion 8080	 38 mm	7138 	black or gray
Frame 8001, 8010, 8015, 8030, 8027 Sash 8095, 8081, 8078, 8096, 8076, 8042 Mullion 8080	 44 mm	7144 	black or gray

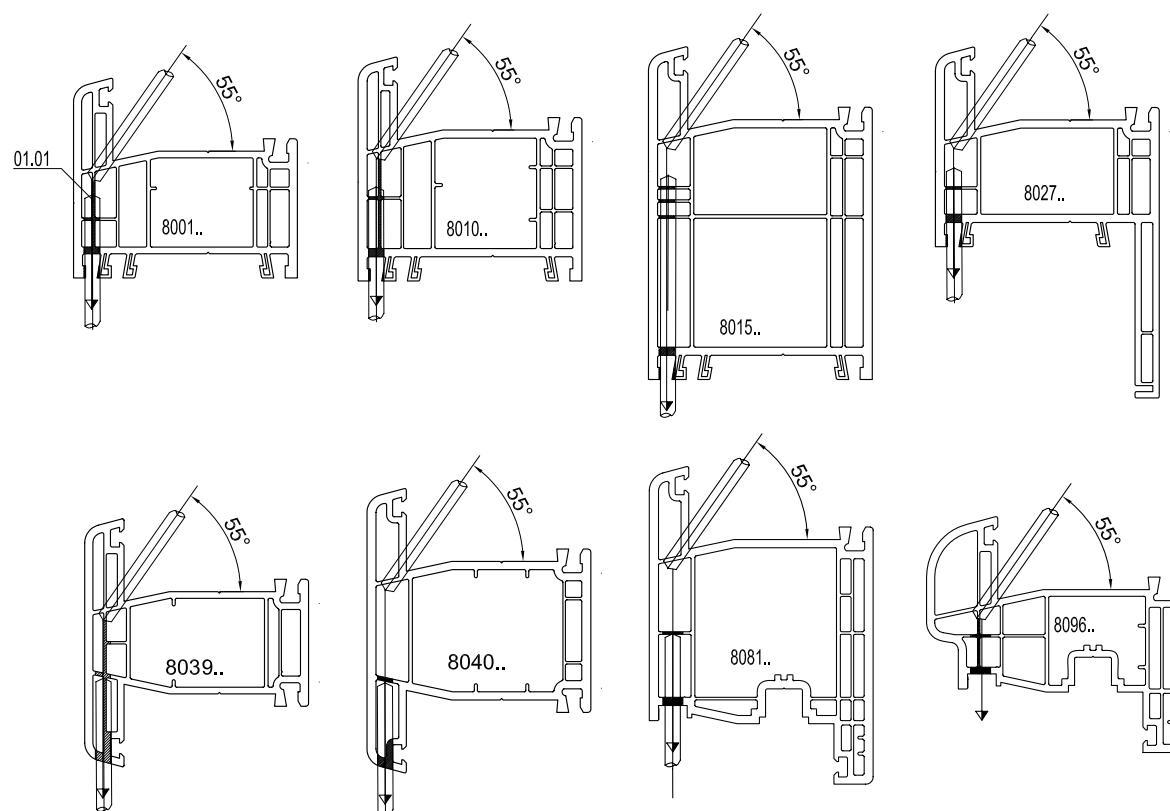


Drainage / Entwässerung / Drenaggio / Drenajul

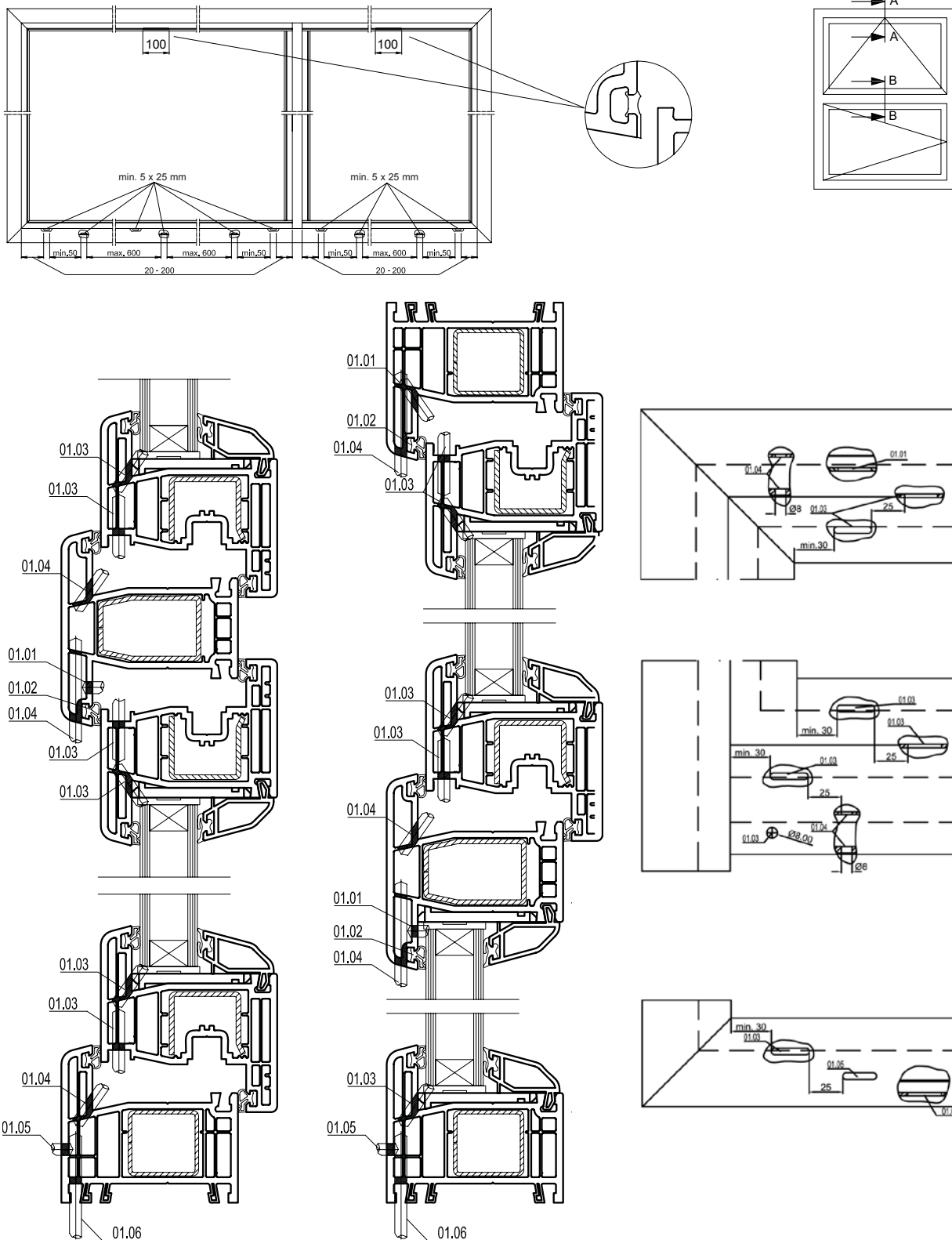
Front drainage / Entwässerung nach vorne / Drenaggio frontale / Drenaj frontal



Hidden drainage / Entwässerung nach unten / Drenaggio nascosto / Drenaj inferior



Ventilation / Entlüftung / Ventilazione / Ventilarea



*** The antechamber must be ventilated if heat is to be prevented from accumulating in non-white profiles.**

* Um einen Hitzestau zu vermeiden, belüften Sie bei nicht weißen rofilen die Vorkammern.

* Per evitare un ristagno di calore la precamera dei profili non bianchi deve essere ventilata

* Pentru a evita acumularea de caldura, precamerele profilelor non-albe trebuiesc ventilate.

Ventilation system / Lüftungssystem / Sistema di areazione / Sistem de ventilatie

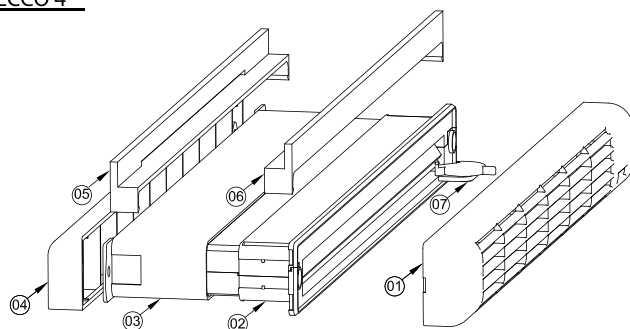
GECCO 4 is the latest GEALAN ventilation system option. It is suitable for all GEALAN window systems. **GECCO 4** is equipped with pollen and dust filters, protection screen against insects as well as sound insulation and rain protection profiles. The air flux measures approximately 11 m³ per hour at a pressure difference of 10 Pascal and can go up to over 19 m³ per hour near the closing point (which is at approximately 30 Pascal pressure difference). The device can also be manually-operated.

Im geöffneten Zustand schließt der GECCO 4 automatisch bei einer Druckdifferenz von ca. 30 Pa, so dass Zugscheinungen erst gar nicht auftreten können. Lässt der Winddruck nach, öffnet sich die Klappe von selbst und die Luftzirkulation findet wieder ungehindert statt. Bei Bedarf kann das Lüftungssystem aber auch manuell verschlossen werden. Auch der Luftdurchsatz des GECCO 4 kann sich sehen lassen. Er beträgt bei einer Druckdifferenz von 10 Pa ca. 11 m³ pro Stunde. Bis zum Schließpunkt von ca. 30 Pa steigt der Luftdurchsatz auf mehr als 19 m³ pro Stunde an.

Grazie a GECCO 4, GEALAN è in grado di garantire un'aerazione autonoma dei locali decisamente maggiore rispetto alle altre versioni. Il montaggio avviene per mezzo degli allargatori del telaio o nel telaio fisso se dotato di profili più larghi. GECCO 4 è adatto per profondità costruttive tra 62 mm e 90 mm. Questa versione è sempre provvista di un apposito filtro antipollini. È notevole il flusso d'aria che è di cca. 11 m³ all'ora ad una differenza di pressione di 10 Pascal, e fino al punto di chiusura di cca. 30 Pascal ammonta a più di 19 m³ all'ora. Il dispositivo permette anche l'azionamento meccanico.

Principalul avantaj al dispozitivului GECCO 4 este reprezentat de utilizarea universala a acestuia, pentru toate sistemele de profile (atat din PVC, cat si din lemn) cu adancimi de constructie cuprinse intre 62 mm si 90 mm. Acesta ofera si avantaje suplimentare precum filtru de polen si de praf si protectie impotriva insectelor. In plus, GECCO 4 este prevazut si cu un accesoriu de protectie contra ploii. Remarcabil este fluxul de aer care insumeaza aproximativ 11 m³ pe ora la o diferenta de presiune de 10 Pascal, iar pana la punctul de inchidere de aproximativ 30 Pascal urca la peste 19 m³ pe ora. Dispozitivul permite si actionarea manuala.

GECCO 4



01=	Inside grid with a filter	05=	Front covering stripe
02=	Case	06=	Rear covering stripe
03=	Outside grid	07=	Switch
04=	Outside grid cover		

