

PR 100

PR 100

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A



Algemene informatie

Généralités

General Information

Allgemeine Information

	Profiel Profilé Profile Profil	Perfil Profil Profil		Verstek Onglet Mitre Gehrung	Inglete Polaczenie katowe Taglio
	Anodisatie- of lakoppervlakte Surface anodisée ou laquée Anodizing or coating surface Eloxierte oder lackierte Oberfläche	Superficie anodizada o lacada Powierzchnia anodowana lub malowana Superficie anodizzata o verniciata		Aantal Nombre Number Anzahl	Número Ilość Numero
	Polijsoppervlakte Surface à polir Polishing surface Polieroberfläche	Superficie pulida Powierzchnia polerowana Superficie lucidata		Zie pagina Voir page See page Siehe Seite	Ver página Patrz strona Vedi pagina
	Lengte Longueur Length Länge	Longitud Długość Lunghezza		Type toebehoren Type accessoires Type accessories Typ Zubehör	Tipos de accesorios Rodzaj okuc Tipo di accessorio
	Afmetingen Dimensions Dimensions Abmessungen	Dimensiones Wymiary Dimensioni		Glasmaten Dimensions vitres Glass sizes Glasmasse	Dimensiones de los vidrios Wymiary szyby Dimensioni del vetro
	Toepassing Application Application Anwendung	Aplicación Zastosowanie Utilizzo		Toepassing Application Utilization Anwendung	Aplicación Zastosowanie Riferimenti
	Bevestigingsmiddelen Moyens de fixation Fixations Befestigungsmittel	Fijación Mocowanie Fissaggio		Asymmetrisch profiel Profilé asymétrique Asymmetrical profile Asymmetrisches Profil	Perfil asimétrico Profil niesymetryczny Profilo asimmetrico
	Schroeven niet meegeleverd Furniture sans vis Delivered without screws Lieferung ohne Schrauben	Entregado sin tornillos Dostarczane bez wkrętów Consegnato senza viti		Pagina Page Page Seite	Página Strona Pagina
	Montagevolgorde Ordre de montage The order of assembly Montagereihenfolge	Orden de montaje Kolejność montażu Ordine di montaggio		Laatste editie Dernière édition Last edition Letzte Edition	Edición Poprzednie wydanie Ultima edizione
	Dichtingsmiddel Matière d'étanchéité Sealing agent Abdichtungsmittel	Agente sellante Masa uszczelniająca Siliconatura		Vorige blz Page précédente Previous page Vorige Seite	Página siguiente Poprzednia strona Pagina precedente
	Verlijmen Coller Glue Verkleben	Collado Klej Colla		Verstevigingsprofiel Profil de renforcement Reinforcement profile Verstärkungsprofil	Perfil refuerzo Profil wzmacniający Profilo di rinforzo
	Vulcaniseerlijm Colle vulcanisante Vulcanizing glue Vulkanisierkleber	Vulcanizante Klej wulkanizacyjny Colla vulcanizzante		Links van buiten gezien Gauche vue extérieur Left seen from outside Links Aussehenansicht	Vista izquierda desde el exterior Na lewo widok od zewnątrz Sinistro visto da fuori
	Referentiemaat Dimension de référence Reference dimension Referenzmass	Dimension de referencia Punkt odniesienia wymiarowania Dimensioni di riferimento		Rechts van buiten gezien Droite vue extérieur Right seen from outside Rechts Aussehenansicht	Vista derecha desde el exterior Na prawa widok od zewnątrz Destro visto da fuori
	Merkteken Marquage Mark Merkmale	Indicación Znak Contrassegno		Rechts van buiten gezien Droite vue extérieur Right seen from outside Rechts Aussehenansicht	Vista derecha desde el exterior Na prawa widok od zewnątrz Destro visto da fuori
	Struktureel gelijmd glaswerk Vitrage extérieur collé Structural sealing glazing UV-beständiger Scheibenrandverbund	Sellado acristalado estructural Szyba klejona spoiwem konstrukcyjnym Siliconatura vetro strutturale		Reynaprotector Reynaprotector Reynaprotector Reynaprotector	Reynaprotector Reynaprotector Reynaprotector Reynaprotector
	Primaire zichtzijde van een profiel Côté visible primaire d'un profilé Primary visible side of a profile Primäre sichtbare Seite eines Profils Secundaire zichtzijde van een profiel Côté visible secondaire d'un profilé Secondary visible side of a profile Sekund. sichtbare Seite eines Profils	Cara vista principal del perfil Główna widoczna powierzchnia profilu Primo lato visibile di un profilo Cara vista secundaria del perfil Drugorzędna widoczna powierzchnia profilu Secondo lato visibile di un profilo			
	Kleur buitenschaa (e) eerst aangeven in geval van bicolor (.69) En cas de bicolore (.69) il faut indiquer d'abord la couleur du profilé extérieur (e) For bicolor profiles (.69) first of all one should indicate the colour of the outer profile (e) Falls zweifarbig (.69) soll man erst die Farbe des Aussenprofils (e) angeben				

	Inbraakwerend Anti-vol Burglar proof Einbruchhemmend	Protección anti- robo Antywłamaniowe Antiscasso		Pershoekverbinding Equerre à sertir Crimp corner cleat Presseckverbinder	Escuadra de ensamblar Naroznik zaciskany Squadrette a cianfrinare
	Basisveiligheid Sécurité de base Basic safety Basissicherheit	Seguridad básica Antywłamaniowosc podstawowa Antiscasso base		Hoekverbinding met schroefhoek (*) enkel voor klembaar beslag Equerre à blocage (*) seulement pour accessoires encastrables Corner cleat with screw (*) only for clamping accessories Eckverbinder mit Spannschraube (*) nur für klemmbaren Beschlag	Escuadra de atornillar (*) solo para accesorios apretables Naroznik skrecany (*) tylko dla akcesoriow zatrzaskiwanych Squadrette ad avvitare (*) solo per accessori a scatto
 ENV	Testen uitgevoerd volgens norm DIN V ENV 1627 Essais effectués par conformément la norme DIN V ENV 1627 Tests carried out according to standard DIN V ENV 1627 Einbruchhemmende Prüfungen gemäß Norm DIN V ENV 1627	Ensayos realizados según norma DIN V ENV 1627 Badania wykonane według normy DIN V ENV 1627 Antiscasso secondo DIN V ENV 1627		T-verbinding met schroef Jonction-T avec vis T-bracket with screw T-Verbinder mit Schraube	Tope de union con tornillo Lacznik teowy skrecany Giunti con viti
 NEN	Testen uitgevoerd volgens norm NEN 5096 + ENV 1627 Essais effectués par conformément la norme NEN 5096 + ENV 1627 Tests carried out according to standard NEN 5096 + ENV 1627 Einbruchhemmende Prüfungen gemäß Norm NEN 5096 + ENV 1627	Ensayos realizados según norma NEN 5096 + ENV 1627 Badania wykonane norm NEN 5098 + ENV 1627 Antiscasso secondo NEN 5098 + ENV 1627		T-verbinding met schroef voor buitendraaiend raam Jonction-T avec vis pour fenêtre ouvrant vers l'ext. T-bracket with screw outside opening window T-Verbinder mit Schraube aussen öffnendes Fenster	Tope Unión con tornillo apertura exterior Lacznik teowy skrecany do okien otwieranych na zewnatrz Cavallotti conuiti ap est.
	Testen uitgevoerd door instituut IBS (Oostenrijk) volgens norm Ö B 3800/3850 Essais effectués par IBS(Autriche) conformément la norme Ö B 3800/3850 Tests carried out by IBS (Austria) according to standard Ö B 3800/3850 Brandschutzprüfungen durchgeführt beim IBS (Österreich) gemäß Norm Ö B 3800/3850	Ensayos hechos por IBS (Austria) según la estandar Ö B 3800/3850 Badania wykonane przez IBS (Austria) według norm Ö B 3800/3850 Testato presso IBS (Austria) IBS secondo Ö B 3800/3850		Vulhoek Equerre de remplissage Corner support Fülleckwinkel	Escuadra de relleno Wspornik narozny Squadrette di riempimento
	Testen uitgevoerd door instituut TNO (Nederland) volgens norm NEN 6069:1997 Essais effectués par TNO (Holande) conformément la norme NEN 6069:1997 Tests carried out by TNO (The Netherlands) according to standard NEN 6069:1997 Brandschutzprüfungen durchgeführt beim IBS (Österreich) gemäß Norm Ö B 3800/3850	Ensayos realizados fuera por TNO(Holanda) según norma NEN 6069/1977 Badania wykonane przez TNO (Holandia) według norm NEN 6069/1977 Testato presso TNO (Paesi Bassi) secondo NEN 6069/1977		Verstelbare schroefhoek Equerre à visser réglable Adjustable screw corner cleat Verstellbarer Schraubewinkel	Escuadra de atornillar regulable Katowy naroznik skrecany Squadrette ad avvitare regolabili
	Brandwerend Anti-feu Fire-proof Feuerhemmend	Resistente al fuego Ognioodporne Anti fuoco		Steunhoek Cale de feuillure Rebate support Glasanschlagwinkel	Escuadra de alineamiento Katowy naroznik Squadrette di allineamento
 EN EI 60	Testen uitgevoerd volgens norm EN 1634-1(deuren) en EN 1364-1 (beglaasde wanden) Essais effectués par conformément la norme EN 1634-1(portes) et EN 1364-1(parois vitrés) Tests carried out according to standard EN 1634-1(doors) EN 1364-1(glazed partitioning) Prüfungen gemäß Norm EN 1634-1(Türen) und EN 1364-1(verglaste Wände)	Ensayos realizados según norma 1634-1/ EN 1364-1 Badania wykonane według normy 1634-1 / EN 1364-1 Antifuoco secondo EN 1634-1 / EN 1364-1		Hoekverbinding met nagel Equerre avec cheville Corner cleat with drive pin Eckverbinder mit Stift	Escuadra con clavia Lacznik narozny sworzniowy Squadretta a spinare
 EN EI 30	Testen uitgevoerd volgens norm EN 1634-1(deuren) en EN 1364-1 (beglaasde wanden) Essais effectués par conformément la norme EN 1634-1(portes) et EN 1364-1(parois vitrés) Tests carried out according to standard EN 1634-1(doors) EN 1364-1(glazed partitioning) Prüfungen gemäß Norm EN 1634-1(Türen) und EN 1364-1(verglaste Wände)	Ensayos realizados según norma 1634-1/ EN 1364-1 Badania wykonane według normy 1634-1 / EN 1364-1 Antifuoco secondo EN 1634-1 / EN 1364-1		T-verbinding met nagel Jonction-T avec cheville T-bracket with drive pin T-Verbinder mit Stift	Tope de union con clavia Lacznik teowy sworzniowy Cavallotto a spinare
 F	Toebehoren brandwerend Accessoires anti-feu Fire-proof accessories Feuerhemmender Zubehör	Accesorios resistente al fuego Aksesoria ognioodporne Accessori Anti fuoco		T-verbinding met nagel Jonction-T avec cheville T-bracket with drive pin T-Verbinder mit Stift	Tope unión con clavia apertura exterior Lacznik teowy sworzniowy do okien otwieranych na zewnatrz Cavallotto a spinare ap. est.
	Gelaagd glas Verre feuilleté Laminated glass Verbundglas	Vidrio Laminado Szyba laminowana Vetro laminato		Verstelbare T-verbinding Jonction-T réglable Adjustable T-bracket Verstellbarer T-Verbinder	Union T regulable Lacznik teowy nastawny Giunti a T regolabili
	Glas Verre Glass Glas	Vidrio Szyba Vetro		Kruisverbindingen Jonctions transversales Cross connections Kreuzverbindungen	Uniones transversales Polaczenie krzyzowe Collegamento a croce
	Handleiding Manuel Manual Gebrauchsanweisung	Manual Instrukcja Manuale		Kruisverbinding met schroef Jonction transversale avec vis Cross connection with screw Kreuzverbindung mit Schraube	Union transversal con tornillo Polaczenie krzyzowe skrecane Collegamento a croce con viti
 CS 59	Alleen voor CS 59 Seulement pour CS 59 Only for CS 59 Nur für CS 59	Solo para CS 59 Tylko do CS 59 Solo per CS 59		Bevestiging drager Fixation chevion Fixation rafter Befestigung Dachsparren	Fijacion mainel Mocowanie krokwi Fissaggio montante
 CS 68	Alleen voor CS 68 Seulement pour CS 68 Only for CS 68 Nur für CS 68	Solo para CS 68 Tylko do CS 68 Solo per CS 68	 CS 77	Alleen voor CS 77 Seulement pour CS 77 Only for CS 77 Nur für CS 77	Solo para CS 77 Tylko do CS 77 Solo per CS 77

	Eénpuntsluiting Fermeture à 1 point 1-Point lock Einfachverriegelung	Cerradura de 1 punto Zamek 1-punktowy Serratura a 1 punto di chiusura		Elektrische deur opener Gâche pour serrure électrique Electric door opener Elektrischer Türöffner	Portero automatico Elektrorygiel Apertura porta elettrica
	Eénpuntsluiting met dagschieter Fermeture à 1 point à pêne 1-Point lock with latch Einfachverriegelung mit Falle	Cerradura 1 punto golpe Zamek 1-punktowy Serratura a 1 punto di chiusura con scrocco		Deurgrendels en kantschuiven Verrous de condamnation portes Flush and door bolts Kantriegel und Türriegel	Pasadores puerta Rygle biernych skrzydeł drzwiowych Catenacciolo chiusura centrale
	Eénpuntsluiting met rol Fermeture à 1 points à rouleau 1-Point lock with roller Einfachverriegelung mit Rolle	Cerradura de 1 punto con rodillo Zamek 1-punktowy z barylka Serratura a 1 punto di chiusura con rullino		Geen elektrische spanning bij gesloten deur En cas de porte fermé pas des tension électrique No electric tension in case of closed door Keine elektrische Spannung bei geschlossener Tür	Sin tensión eléctrica en caso de que la puerta esté cerrada Brak elektrycznego napięcia w przypadku zamkniętych drzwi Stacco tensione a porta chiusa
	Haakslot Serrure à crochet Hook lock Hakenschluss	Cerradura gancho Zamek hakowy Serratura a gancio		Raampompen Crémones Window handles Handhebel	Cremona Klamka okienna Cremonese
	Tweepuntsluiting Fermeture à 2 points 2-Point lock Zweifachverriegelung	Cerradura de 2 puntos Zamek 2-punktowy Serratura a 2 punti di chiusura		Deurkrukken Béquilles Door handles Türdrücker	Manubrios Klamka drzwiowa Maniglie
	Driepuntsluiting Fermeture à 3 points 3-Point lock Dreifachverriegelung	Cerradura de 3 puntos Zamek 3-punktowy Serratura a 3 punti di chiusura		Sluitingen dubbele deur Serrures pour porte double Locks for double door Türeibriegel	Cerradura puerta doble Blokada drzwi dwuskrzydłowych Serratura porta a 2 ante
	Driepuntsluiting met rol Fermeture à 3 points à rouleau 3-Point lock with roller Dreifachverriegelung mit Rolle	Cerradura de 3 puntos con rodillo Zamek 3-punktowy z barylka Serratura a 3 punti di chiusura con rullino		Raampomp naar buiten draaiend raam Crémone fenêtre ouvrant vers l'extérieur Handle outward opening window Handhebel nach aussen öffnendes Fenster	Cremona ventana apertura exterior Klamka okna otwieranego na zewnątrz Cremonese apertura est.
	Vierpuntsluiting Fermeture à 4 points 4-Point lock Vierfachverriegelung	Cerradura de 4 puntos Zamek 4-punktowy Serratura a 4 punti di chiusura		Raamscharnieren Paumelles pour fenêtres Window hinges Fensterbänder	Bisagras ventana Zawias okienne Cerniere
	Vijfpuntsluiting Fermeture à 5 points 5-Point lock Fünffachverriegelung	Cerradura de 5 puntos Zamek 5-punktowy Serratura a 5 punti di chiusura		Deurscharnieren 2-delig Paumelles porte 2-partite Door hinges 2-part Türbänder 2-teilig	Pernio puerta 2 palas Zawias drzwiowy 2-czesciowy Cerniera 2 ali
	Vijfpuntsluiting met rol Fermeture à 5 points à rouleau 5-Point lock with roller Fünffachverriegelung mit Rolle	Cerradura de 5 puntos con rodillo Zamek 5-punktowy z barylka Serratura a 5 punti di chiusura con rullino		Deurscharnieren 3-delig Paumelles porte 3-partite Door hinges 3-part Türbänder 3-teilig	Pernio puerta 3 palas Zawias drzwiowy 3-czesciowy Cerniera 3 ali
	Zespuuntsluiting Fermeture à 6 points 6-Point lock Sechsfachverriegelung	Cerradura de 6 puntos Zamek 6-punktowy Serratura a 6 punti di chiusura		Afstandsbusen Pièces de distance Set of distance bushes Distanzbuchsen	Piezas distanciadoras Tuleje dystansowe Set distanziali
	Zevenpuntsluiting Fermeture à 7 points 7-Point lock Siebenfachverriegelung	Cerradura de 7 puntos Zamek 7-punktowy Serratura a 7 punti di chiusura		Geen afstandsbusen nodig Pas de pièces de distance No distance bushes needed Keine Distanzbuchse	No necesario piezas distanciadoras Brak konieczności stosowania tuleji dystansowych Senza distanziali
	Espagnoletslot Fermeture espagnolette Espagnolette Lock Treibriegelverschluss	Cierre ventana Zamek drzwiowy do blokady pionowej Serratura a spagnoletta		Inbraakwerende kogel Bille anti-vol Anti-burglar ball Einbruchhemmende Kugel	Bola proteccion antirobo Kulka antywłamaniowa Antiscasso
	Cilinders Cylindres Cylinders Zylinder	Bombines Cylindry Cilindri		Dieveklauw Pene anti-degondage Anti-lift pin Sicherheitsbolzen	Perno antielevador Bolec antywyważeniowy Antisollevamento
	Cylinderplaten Ecussons Cylinder covers PZ-Rosette	Escudos bombin Osłona wkładki bebenkowej Copertura cilindri		Kozijndorpelveer Pivot de frein aerien Overhead closer Obentürschliesser	Muelle aereo Samozamykacz gorny Chiudi porta sup.
	Slotpadsen Gâches Receivers Schliessbleche	Gancho Gniazdo rygla zamka Riscontri		Vloerveer Pivot de frein au sol Floor closer Bodentürschliesser	Muelle pavimento puerta Samozamykacz podłogowy Chiudi porta inf.
	Deursluiters Ferme-porte Door closer Türschliesser	Cierrapuertas Samozamykacz drzwiowy Chijdiporta			



Eendstuk deurvleugel
Pièce finale ouvr. porte
End piece door vent
Endkappe Türflügel

Tapeta hoja puerta
Koncowka do skrzydła
drzwiowego
Terminale anta



Binnenbeglazingsdichtung
Joint à bourrer
Inner glazing gasket
Innenverglasungsdichtung

Junta de acristalado interior
Uszczelka przyszybowa wewnętrzna
Guarnizione del vetro interna



Eendstukken bodemprofiel
Pièces finales profilé de seuil
End pieces floor profile
Endkappe Schwelle

Piezas terminales perfil suelo
Koncowki profilu
podłogowego
Terminale soglia



Buitenbeglazingsdichtung
Joint de vitrage extérieur
Outer glazing gasket
Aussenverglasungsdichtung

Junta de acristalado exterior
Uszczelka przyszybowa zewnętrzna
Guarnizione del vetro esterna



Eendstukken Z-T deur
Bouchon profilé porte Z-T
End pieces Z-T door
Endkappe Z-T Tür

Tapetas puerta Z-T
Element koncowy Z-T drzwi
Terminale profili porte Z e T



Buitenbeglazingsdichtung
Joint de vitrage extérieur
Outer glazing gasket
Aussenverglasungsdichtung

Junta de acristalado exterior
Uszczelka przyszybowa zewnętrzna
Guarnizione del vetro esterna



Afdichtingen dorpels
Profils latéral pour bavettes
Sill end pieces
Endstück für Wetterschenkel

Tapetas condensacion
Koncowki do profili podokiennych
Tappi soglia



Akoestische dichting
Joint acoustique
Acoustical seal gasket
Flügelanschlagdichtung

Junta acustica
Uszczelka akustyczna
Guarnizione di isolamento acustico



Glassteunen
Supports cale de vitrage
Glazing supports
Klotzbrücken

Soportes vidrio
Podporka pod przeszklenie
Supporti per vetro



Middendichtingen
Joints centraux
Central gaskets
Mitteldichtungen

Junta central
Uszczelka centralna
Guarnizione centrale



Afdekap voor waterafvoersleuven
Capuchon écoulement d'eau
Weep hole cover
Abdeckkappe Entwässerung

Deflector aire
Maskownica otworu
drenazowego
Paratempesta



Aanslagdichting
Joint de butée
Butt strip
Anschlagdichtung

Junta tope
Uszczelka
Guarnizione di battuta



Eendstukken stolprofielen
Bouchons double ouvrant
End parts double casement profile
Endkappe Stulpprofil

Tapetas perfil doble hoja
Koncowka profilu ruchomego słupka
Tappo inversione



Dilatatiedichtingen
Joints de dilatation
Expansion gaskets
Dehnungsdichtungen

Junta de dilatacion
Uszczelka dylatacyjna
Guarnizione di espansione



Koppelstuk
Pice de raccordement
Connection piece
Kopplungsstueck

Pieza de union
Element Łaczacy
Accessori collegamento



Dichting
Joint
Gasket
Dichtung

Junta
Uszczelka
Guarnizione



Eendstukken voor stolprofielen
Bouchons pièce finale
pour profilé double ouvrant
End parts for double
casement profiles
Endkappen für Stulpprofile

Tapeta perfil doble hoja
Koncowka profilu ruchomego słupka
Tappi 2 ante



Dichting
Joint
Gasket
Dichtung

Junta
Uszczelka
Guarnizione



Afdichtingsstuk
Pièce d'étanchéité
Sealing piece
Dichtstück

Pieza de sellado
Element uszczelniający
Accessorio per sigillatura



Afdichting goot
Fermeture gouttière
End piece gutter
Endkappe Rinne

Tapetas canal
Koncowka rynny
Terminale gronda



Opzwellende Dichtung
Joint Gonflant
Swelling Gasket
Schwellende Dichtung

Junta veranda
Uszczelka do werandy
Guarnizione espansione



Eendstuk
Pièce finale
End piece
Endkappe

Terminal
Koncowka
Terminale



Dichting veranda
Joint veranda
Gasket veranda
Dichtung Wintergarten

Junta veranda
Uszczelka do werandy
Guarnizione veranda



Stootplaat
Arrêt vitrage toiture
Glass panel stop
Endstück Verglasung

Tope del panel de vidrio
Ogranicznik wypełnienia
Ferro x vetro



Borstdichtingen
Joints brosse
Brushes
Bürstendichtungen

Cepillos
Szczotki
Spazzole



Veranda type 1
Veranda type 1
Veranda type 1
Veranda Typ 1

Veranda tipo 1
Weranda typu 1
Veranda tipo 1



Isolierend vulstuk
Pièce de remplissage isolante
Insulating filling piece
Isolierendes Füllstück

Pieza de relleno aislante
Wkładka izolacyjna
Riempimento isolanta



Paniekdeur
Porte de panique
Panic door
Paniktür

Puerta antipánico
Drzwi antypaniczne
Porta antipánico



Einddichting
Joint d'assemblage
End gasket
Enddichtung

Junta
Uszczelka koncowa
Angolo prestampato



Diversen
Divers
Miscellaneous
Diverse

Diversos
Elementy uzupełniające
Varie



Isolatie
Isolant
Insulation
Isolation

Aislamiento
Izolacja
Isolante



Klemstuk
Clip
Clip
Federklemme

Clip
Uchwyt
Clip



Brievenkleppen
Entrées de courrier
Letter boxes
Briefeinwurf

Buzones
Skrzynka na listy
Cassetta posta



Nokbevestiging
Fixation de la faîtière
Fixation of the ridge
Firstanschluss

Fijacion del resalte
Element mocujący kalenicowy
Fissaggio colmo



Automatische deurdichtingen
Fermetures automatiques
Automatic door latches
Automatische Türdichtungen

Cierrapuertas automaticos
Drzwiowa automat. opadająca listwa
Dispositivo di chiusura soglia



Variant
Variante
Variant
Variante

Variante
Variante
Variante
Variante



Stolp-kipraam
Fenêtre double ouvr.-batt.
Double casem.-tilt window
Stulpfenster D/DK

Ventana abatible doble hoja
Okno rozwierano-uchylne
dwuskrzydłowe
Finestra a 2 ante ribalta



DRAAISCHUIFRAAM
OUVRANT PROJETANT
SIDE-HUNG SLIDING WINDOW
DREHSCHIEBEFENSTER



Draaikip
Oscillo-battant
Turn and tilt
Drehkip

Oscilobatiente
Okno rozwierno-uchylne
Anta ribalta



Kipdraai
Battantes-ouvrantes
Tilt and turn
Kippdreh

Batiente oscilante
Okno uchylno-rozwierane
Anta ribalta inversa



Draairaam
Fenêtre ouvrante
Side-hung window
Drehfenster

Ventana practicable
Okno rozwierane
Battente



Stolpraam
Fenêtre double ouvrant
Double casement window
Stulp-Flügel Fenster

Ventana doble hoja
Okno rozwierane wuskrzydłowe
Finestra a 2 ante



Valraam
Fenêtre à soufflet
Bottom hung window
Kipp-Fenster

Ventana abatible
Okno uchylne
Wasistas



Afstandbedieningen
valraam
Commandes à distance
pour fenêtre à soufflet
Remote control for
fanlight window
Oberlichtbeschlag
für Kipp-Flügel

Funcionamiento a distancia
para ventana de techo
Mechanizm do dystansowego
uchylania okien
Vasistas con telecmando



Buitendraaiend raam
Fenêtre ouvrant vers l'extérieur
Outside opening window
Nach aussen öffnendes Fenster

Ventana apertura exterior
Okno otwierane na zewnątrz
Finestra ad apertura esterna



Verankeringen
Ancrages
Fixing lugs
Verankerungen

Anciages
Kotwy
Ancoraggio



Uitzetzakraam
Châssis à l'italienne
Top-hung window
Senk-Klappfenster

Ventana proyectante con compas
Okno wychylne na zewnątrz
Sporgere con frizioni



Sluitpennen en sluitstukken
Rouleaux et gâches
Lock pins and lock plates
Schliessrollen und Schliessstücke

Bulones y cerraderos
Płytki i kolek ryglujący
-



Tuimel- en taatsraam
Châssis pivotant
Pivot window
Schwingflügel

Ventana pivotante
Okno obrotowe
Bilico



Goot
Gouttière
Gutter
Rinne

Canal
Rynna
Gronda



Vouwdeur
Porte pliante
Folding door
Falttür

Puerta plegable
Drzwi harmonijkowe
Veranda libro



Dakvenster
Tabatière
Attic window
Dachfenster

Ventana de techo
Okno dachowe
Lucernario



Schuifkip (TF)
Couissant-tombant (TF)
Slide and tilt (TF)
Schiebekipptür (TF)

Paralela
Uchylno-przesuwny
Scorrevole parallelo



Kunststof dakbedekking
Toiture synthétique
Synthetic roofing
Kunststoff Dachdeckung

Cubierta en material sintético
Wypelnienie poliweglanem na dachy
Pannelo



Schuifraam
Fenêtre coulissante
Sliding window
Schiebefenster

Ventana corredera
Okno przesuwne
Scorrevole



Zelfklevende dubbelzijdige tape
Bande autocollante 2 faces
Self-adhesive double sided tape
Selbstklebendes beidseitiges Band

Cinta autoadhesiva de dos caras
Biadesivo



Parallel opengaand raam
Fenêtre ouvrant parallèle
Parallel opening window
Parallelausstellfenster

Ventana proyectante paralela
Okno równoległe wysuwane na zewnątrz
Sporgere parallelo



Domotica
Domotique
Domotics
Domotik

Domótica
Domotica
-



Kipraam
Fenêtre battante
Tilt window
Kippfenster

Oscilo
Okno uchylne
Vasidas



Profielen met hoge isolatiewaarde
Profils avec valeur d'isolation élevée
Profiles with high insulation value
Profile mit hohen Isolationswert

Perfiles alto aislamiento térmico
Profile o wysokiej izolacyjności
termicznej
Alto isolarento



Dubbele deur buitendraaiend
Porte double ouvrant vers l'ext.
Double door outward opening
Zweiflügelige Tür aussen öffnend

Puerta doble apertura exterior
Drzwi dwuskrzydłowe otw. na zew.
Porta due ante apertura esterna



Wielen
Galets
Rollers
Laufwagen

Ruletas
Wozki
Carrelli



Deur binnendraaiend
Porte ouvrant vers l'int.
Door inward opening
Tür nach innen öffnend

Puerta apertura interior
Drzwi otw. do wewnątrz
Porta apertura interna



Regeltringels
Tringles de réglage
Adjustment rods
Regulierstange

Varilla de ajuste
Listwy regulacyjne
Astina



Deur buitendraaiend
Porte ouvrant vers l'ext.
Door outward opening
Tür aussen öffnend

Puerta apertura exterior
Drzwi otw. na zewnątrz
Porta apertura esterna



Geleidingsplaat
Guide
Guide plate
Führung

Placa guia
Element naprowadzający
Guida

	Gereedschap Outillage Tool Werkzeug	Util Narzędzie Utensile		Hydropneumatische pers Presse hydropneumatique Hydropneumatic press Hydropneumatische Presse	Prensa neumática Prasa hydropneumatyczna Pressa idropneumatica
	Gereedschappen en machines voor ontwatering van kader Outillage et machinerie pour drainage dormant Tools and machinery for draining outer frame Werkzeuge und Maschinen für Entwässerung Blendrahmen	Utiles y maquinaria para el drenaje del marco Narzędzia i maszyny do drenazy ościeżnic Utensili e macchinari per il drenaggio del telaio		Zaagmachine Tronçonneuse Sawing machine Kreissäge	Maquina de corte Pila do ciec przestrzennych Macchina per taglio
	Gereedschappen en machines voor ontwatering van vleugel Outillage et machinerie pour drainage ouvrant Tools and machinery for draining vent Werkzeuge und Maschinen für Entwässerung Flügel	Utiles y maquinaria para el drenaje de la hoja Narzędzia i maszyny do drenazy skrzydeł Utensili e macchinari per il drenaggio dell'anta		Hoekenpers Sertisseuse Crimper Eckverbindungsmaschine	Ensambladora Zaciskarka naroży Cianfrinatrice
	Gereedschappen en machines voor T-verbinding Outillage et machinerie pour jonction-T Tools and machinery for T-brackets Werkzeuge und Maschinen für T-Verbinder	Utiles y maquinaria para topes de unión Narzędzia i maszyny do polaczen teowych Utensili e macchinari per i giunti		Handmatrijs Matrice manuelle Manual punch tool Handstanzwerkzeug	Prensa manual Wykrojnik ręczny Punzonatrice manuale
	Gereedschap voor lijminjectie Outillage pour encollage Tool for injection Werkzeug fuer Klebeinjektion				Util para inyeccion Narzędzie do wtrysku kleju Utensile colla
	Gereedschappen en machines voor krukken Outillage et machinerie pour jonction-T Tools and machinery for T-brackets Werkzeuge und Maschinen für T-Verbinder	Utiles y maquinaria para topes de unión Narzędzia i maszyny do polaczen teowych Utensili e macchinari per i giunti		Gereedschap voor krukken Outillage pour cremones Tool for handles Werkzeug fuer Handhebel	Util para manetas Narzędzie do klamek Utensile per maniglie
	Gereedschap voor sluitlatten Outillage pour tringles Tool for linkbars Werkzeug fuer Schubstange				Util para barras union Narzędzie do listew sterujących okuciami Utensile per barre di collegamento
	Gereedschap voor T-verbindingen Outillage pour connections-T Tool for T-connections Werkzeug fuer T-Verbindungen	Utiles y maquinaria para el cierre Narzędzia i maszyny do zamknięć Utensili e macchinari per le chiusure			Util para topes de union Narzędzie do polaczen Teowych Utensile per travesi
	Klemblokken Blocs de serrage Clamping blocks Spannbacken				Bloques de presión Blokli zaciskowe Blocchetti di supporto
	Multifunctionele matrijs Matrice multifonctionnelle Multifunctional punch tool Mehrzweckstanzwerkzeug	Matriz multifuncional Wykrojnik wielofunkcyjny Punzonatrice multifunzionale		Gereedschap voor ontwatering buitenkaders Outillage pour drainage dormants Tool for drainage outer frames Werkzeug fuer Entwässerung Blendrahmen	Util drenaje marco Narzędzie do drenazy ościeżnic Utensile per drenaggio telaio
	Geleide matrijs Matrice guidée Punch tool Stanzwerkzeug	Matriz Wykrojnik Punzonatrice		Gereedschap voor hoekverbinding Outillage pour connection d'equerre Tool for corner connection Werkzeug fuer Eckverbindung	Util union esquina Narzędzie do polaczen narożnych Utensile per connessioni d'angolo
	Handmatig gereedschap Outillage manuel Manual tools Handwerkzeuge	Util manual Narzędzie ręczne Dime		Gereedschap voor montage Outillage pour montage Tool for assembly Werkzeug fuer Montage	Util para colocacion Narzędzie do montazu Utensile assemblaggio
	Freessjabloon Calibre de fraisage Stencil plate for milling head Fräseschablone	Plantilla para copiadora Szablon do frezarki Maschera per pantografo		Gereedschap voor deursluite Outillage pour fermeture porte Tool for door closer Werkzeug fuer Türschliesser	Util para cierrapuertas Narzędzie do samozamykacza drzwiowego Utensile chiu di porta
	Enkelkopse freesmachine Frais. à copier à une broche Copy router 1 spindle Einspindel-Kopierfräse	Copiadora de un cabezal Frezarka z jedna głowica Pantografo di copia a 1 mandrino 1 mandrino		Gereedschap voor scharnieren Outillage pour charnières Tool for hinges Werkzeug fuer Bänder	Util para bisagras Narzędzie do zawiasy Utensile cerniere
	Frees- en boormachine Fraiseuse et foreuse Router and drilling machine Fräse- und Bohrergerät	Copiadora taladradora Frezarka z wiertarka Centro dilavoro		Gereedschap voor sloten Outillage pour fermetures Tool for locks Werkzeug fuer Schlösser	Util para cerraduras Narzędzie do zamka Utensile serrature
	Gereedschap voor wisselprofielen Outillage pour chicanes Tool for sections Werkzeug fuer Wechselprofile				Util para encuentros centrales Narzędzie do przekrojow Utensile chicanes
	Gereedschap voor beglazing Outillage pour vitrage Tool for glazing Werkzeug fuer Verglasung				Util para acristalamiento Narzędzie do przeszkleń Utensile vetro
	Gereedschap voor diverse toepassingen Outillage pour applications divers Tool for miscellaneous applications Werkzeug fuer diverse Anwendungen				Utiles para varias aplicaciones Narzędzie do montazu elementow uzupełniających Utensile vari



Gereedschap voor dichtingen
Outillage pour joints
Tool for gaskets
Werkzeug für Dichtungen

Util para juntas
Narzędzie do uszczelki
Utensile guarnizioni



Pneumatische aandrijving
Propulsion pneumatic
Pneumatic drive
Pneumatische Antrieb

Destornillador neumatico
Pneumatyczny naped
Cilindro pneumatica



Gereedschap voor bevestiging wielen
Outillage pour fixation des roulettes
Tool for fixation rollers
Werkzeug für Befestigung Laufräder

Util para fijación de ruletas
Narzędzie do montazu wozkow
Utensile carrelli



Ponsunit
Unité d'étamper
Punch unit
Stanzeinheit

Punzon
Wykrojniki
Unita punzonatrice



Land
Pays
Country
Land

Pais
Kraj
Nazione



Gereedschap voor ontwatering vleugels
Outillage pour drainage ouvrants
Tool for drainage vents
Werkzeug für Entwässerung Flügel

Util para drenaje hoja
Narzędzie do drenazu skrzydla
Utensile drenaggio anta



Min. profiellengte
Longueur min. de profilé
Min. length of profile
Min. Profillänge

Longitud mínima del perfil
Minimalna dlugosc profilu
Lunghezza minima profilo



Uitfrezing voor inbouw bovenspeun in kozijn
Fraisage pour encastrement gond supérieur dans la fenêtre
Milling for building in upper pivot in window
Ausfräsung für Einbau eines oberen Lagers im Rahmen

Fresado para pivotante en marco superior
Frez do montazu gornego sworznia w oknie
Lavorazioni super. finestra pivotante



Max. profiellengte
Longueur max. de profilé
Max. length of profile
Max. Profillänge

Longitud máxima del perfil
Maksymalna dlugosc profilu
Lunghezza max profilo



Max. profielhoogte
Hauteur max. de profilé
Max. height of profiles
Max. Profilhöhe

Altura máxima del perfil
Maksymalna wysokosc profilu
Max altezza



Uitfrezing voor inbouw vloerspeun in kozijn
Fraisage pour encastrement gond inférieur dans l'ouvrant
Milling for building in floor pivot in vent
Ausfräsung für Einbau eines Bodenlagers im Flügel

Fresado para pivotante en hoja inferior
Frez do montazu dolnego sworznia w skrzydle
Lavorazioni infer. finestra pivotante



Max. horizontale beweging
Movement max. horizontale
Max. horizontal movement
Max. horizontale Versetzung

Movimiento horizontal máximo
Maksymalny ruch poziomy
Spostamento orizz. max



Horizontaal hoekbereik
Intervalle d'équerre horizontale
Horizontal corner range
Eckbereich Horizontal

Rango de corte a inglete horizontal
Zakres katow poziomych
Dimensione taglio orizz.



Uitfrezing voor inbouw bovenspeun in vleugel
Fraisage pour encastrement gond supérieur dans l'ouvrant
Milling for building in upper pivot in vent
Ausfräsung für Einbau eines oberen Lagers im Flügel

Fresado para pivotante en hoja superior
Frez do montazu gornego sworznia w skrzydle
Lavorazione super. finestra pivotante



Verticaal hoekbereik
Intervalle d'équerre verticale
Vertical corner range
Eckbereich Vertikal

Rango de corte a inglete vertical
Zakres katow pionowych
Dimensione taglio vert.



Motor
Moteur
Motor
Antrieb

Motor
Silownik napedowy
Motore



Monteertafel
Table de montage
Assembly bench
Montagetisch

Banco de montaje
Stol montazowy
Banco montaggio



Gewicht
Poids
Weight
Gewicht

Pesos
Ciezar
Peso



Elektrische aansluiting
Fixation électrique
Electric connection
Elektrisches Anschluss

Conexión eléctrica
Polaczenie elektryczne
Connessione elettrica



Max. toerental
Vitesse d'axe max.
Max. spindle speed
Max. Drehzahl

Velocidad de sierra
Maksymalna predkosc obrotowa
Velocita max lama



Compressor
Compresseur
Compressor
Kompressor

Compresor
Kompresor
Compressore



Kogel Dr. Hahn
Bille Dr. Hahn
Ball Dr. Hahn
Kugel Dr. Hahn

Bola Dr. Hahn
Kulka Dr. Hahn
-



Mechanische aansluiting
Fixation mecanique
Mechanical connection
Mechanischer Anschluss

Conexión mecánica
Polaczenie mechaniczne
Fissaggio meccanico

B



Algemene informatie systemen

Généralités séries

General Information System

Allgemeine Information System

VERWERKINGSVOORSCHRIFTEN

I ALGEMEEN

Zie catalogus "1. Algemene informatie" (099.C01E.00 editie 11/2004)

II VERWERKINGSVOORSCHRIFTEN PARALLEL ROOF 100

II.1 CONSTRUCTIEVOORSCHRIFTEN

Om blijvend een perfect eindproduct te garanderen, dienen tijdens de verwerking bepaalde regels in acht genomen te worden

II.1.1 Verspanende bewerkingen

Onder verspanende bewerkingen wordt verstaan: alle mechanische bewerkingen zoals zagen, frezen, boren, ponsen en knippen. Voor gelakte profielen is het essentieel dat de laklagen aan de randen niet loskomen tijdens deze bewerkingen. Het is daarom van groot belang voor de kwaliteit van de verbindingen dat:

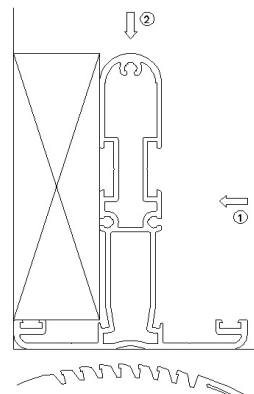
- het verspanende gereedschap geschikt en voldoende scherp is;
 - de machines goed afgeregeld zijn (bv. toerental);
 - een regelmatige controle van het gereedschap gebeurt;
- het verspanende gereedschap correct en voldoende gesmeerd wordt: smeerstick (art. nr. 086.9191.--) voor zaagbladen, snijmiddel (art. nr. 086.9175.--) voor ponsgereedschap of de door de machineleveranciers voorgeschreven koel- en smeermiddelen;
- de gepaste klemblokken worden gebruikt;
 - de aan- en afvoertafel vrij zijn van spanen en verontreinigingen;
 - eventuele koeling gebeurt met chemisch neutrale producten die de oppervlaktebehandeling niet aantasten.

Positie/klemming van de profielen tijdens het zagen:

De positie van de profielen op de zaagtafel tijdens het verzagen is zeer belangrijk en is de basis om perfecte zaagsnede te verkrijgen.

De klemblokken moeten gebruikt worden:

- a. om te vermijden dat speling op de profielen de kwaliteit van de zaagsnede zou beïnvloeden;
- b. om te vermijden dat de profielen zouden kantelen op de tafel.



II.1.2 Assemblage

Verandaprofielen algemeen

1. profielverbindingen;
2. ontwatering en dichtingen

1.2.2 Verandaprofielen algemeen

1.2.2.1 Profielverbindingen

Stappen:

- a. Correct zagen, ponsen of boren.
- b. Beschermen van de zaagsnedes door:
 - ontbramen (indien noodzakelijk);
 - verwijderen van stof en zaagresten op de zaagsnede en in de profielkamer;
 - ontvetten (Degreaser art.nr. 086.9393.--);
 - aanbrengen van anticorrosieproduct (Anticorro art.nr. 086.9610.--); droogtijd: ca. 1 uur.
- c. Speciale dichtingen dienen te gebeuren volgens aanduidingen in catalogoog.

1.2.2.2 Ontwatering en dichtingen

Volgens aanduidingen in catalogoog.

II.2 MONTAGEVOORSCHRIFTEN

II.2.1 Inbouw in de ruwbouw

De bevestiging aan de ruwbouw gebeurt rechtstreeks doorheen de profielen met bijvoorbeeld schroeven en pluggen.

- De bevestigingen mogen niet minder dan 40 mm van de wand van de ruwbouw worden aangebracht.
- De verankering mag geenszins het draagvermogen van de aangrenzende bouwonderdelen beïnvloeden.

- Alle verankeringen, voor zover niet uit aluminium of roestvrij staal, dienen afdoende tegen corrosie te zijn beschermd en mogen zelf ook geen aantasting van het aluminium veroorzaken.

De verankeringen dienen dusdanig aangebracht te worden dat ze eventuele zettingen kunnen opvangen. De verankeringen dienen dusdanig gedimensioneerd te zijn zodat zij het eigen evenwicht van de optredende belastingen zoals sneeuw, wind- en onderhoudsbelasting, enz. ... kunnen weerstaan.

II.3 DAKBEDEKKING

Dakbedekking (glas of kunststofplaten) dient te gebeuren volgens de geldende plaatselijke normen en/of voorschriften.

RECOMMANDATIONS DE MISE EN OEUVRE

I GENERAL

Voir catalogue "1. Informations générales" (099.C01E.00 édition 11/2004)

II RECOMMANDATIONS DE MISE EN OEUVRE PARALLEL ROOF 100

II.1 RECOMMANDATIONS DE FABRICATION

Afin de garantir un produit final parfait, certaines règles doivent être suivies pendant la fabrication.

II.1.1 Opérations d'usinage

Par opérations d'usinage on entend: toutes les opérations mécaniques comme le tronçonnage, le fraisage, le forage, le poinçonnage et la découpe. Il est essentiel que la couche de laque des profilés laqués ne se détache pas sur les bords pendant ces opérations. Il est donc très important pour la qualité des assemblages que:

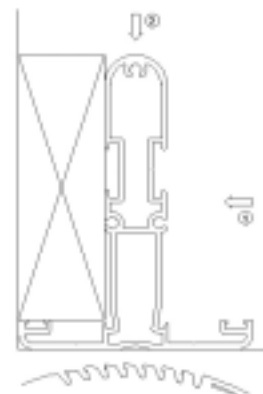
- les outils d'usinage soient adaptés et suffisamment aiguisés;
- les machines soient bien réglées (p.ex. régime);
- un contrôle régulier des outils ait lieu;
- les outils d'usinage soient correctement et suffisamment graissés: bâton lubrifiant (art.n°086.9191.--) pour lames de scie, huile de coupe (art.n° 086.9175.--) pour outils de poinçonnage ou les réfrigérants et lubrifiants prescrits par les fournisseurs des machines;
- les mors de serrage adaptés soient utilisés;
- la table d'aménée ou d'évacuation soit exempte de copeaux et de souillures;
- le refroidissement éventuel se fasse à l'aide de produits chimiquement neutres qui ne corrodent pas le traitement de surface.

Position/serrage des profilés pendant le tronçonnage:

La position des profilés sur la table de scie lors du sciage est très important et est la base pour obtenir un trait de scie parfait.

Les mors de serrage doivent être utilisés:

- a. afin d'éviter que le jeu sur les profilés influencerait la qualité du trait de scie;
- b. pour éviter que les profilés ne basculent sur la table.



II.1.2 Assemblage

Profils véranda généraux

1. raccordements profilés;
2. drainage et des joints

1.2.2 Profilé véranda généraux

1.2.2.1 Raccordements profilés

Etapes :

- a. Tronçonnage, poinçonnage ou forage correct.
- b. Protection des coupes par:
 - ébavurage (si nécessaire);
 - enlèvement des poussières et des copeaux de sciage sur la coupe et dans la chambre du profilé;
 - dégraissage (Degreaser art.n° 086.9393.--);
 - application de produit anti-corrosion (Anticorro art.n° 086.9610.--); temps de séchage: environ 1 heure.
- c. Joints spéciaux selon indications dans le catalogue.

1.2.2.2 Drainage et des joints

Selon indications dans le catalogue.

II.2 RECOMMANDATIONS DE MONTAGE

II.2.1 Montage dans le gros oeuvre

La fixation au gros oeuvre se fait directement à travers les profilés avec par exemple des vis et des chevilles.

- Les fixations ne peuvent pas être appliquées à une distance inférieure à 40 mm du mur du gros oeuvre.

- L'ancrage ne peut surtout pas influencer la force portante des éléments de construction contigus.

- Tous les ancrages, pour autant qu'ils ne soient pas en aluminium ou en acier inoxydable, doivent être efficacement protégés contre la corrosion et ne peuvent pas corroder l'aluminium.

Il faut appliquer les ancrages de sorte qu'ils puissent compenser de dilatations éventuelles.

Les ancrages doivent être dimensionnés de sorte qu'ils puissent résister le propre poids des charges comme la neige, la charge due à l'action du vent, charge due à l'entretien, ..., etc.

II.3 LA TOITURE

La toiture (vitrage ou plaques synthétiques) doit s'effectuer selon les normes et/ou prescriptions locales.

PROCESSING DATA

I GENERAL

See catalogue "1.General information" (099.C01E.00 edition 11/2004)

II PROCESSING DATA PARALLEL ROOF 100

II.1 FABRICATING PRESCRIPTIONS

In order to guarantee a perfect end product, the following guidelines should be adhered to during the production process.

II.1.1 Metal-removing operations

Metal-removing operations are understood to mean all mechanical operations such as sawing, milling, drilling, punching and cutting. For painted profiles it is essential that the paint coatings do not come off on the edges during these operations. Therefore it is very important for the quality of the connections that:

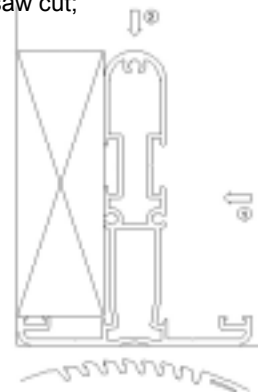
- the metal-removing tools are appropriate and sufficiently sharp;
- the machines are well adjusted (e.g. number of revolutions);
- the tools are regularly checked;
- the metal-removing tools are greased sufficiently and correctly: cutting grease block (art.no. 086.9191.--) for saw blades, cutting spray (art.no. 086.9175.--) for punch tools or the cooling agents and lubricants prescribed by the machine suppliers;
- the appropriate clamp blocks are used;
- the cutting table is free of swarf and dust;
- possible cooling is done by means of chemically neutral products which do not attack the surface treatment.

Position/clamping of the profiles during cutting:

During sawing, the position of the profiles on the saw table is very important and is the basis to obtain a perfect saw cut.

The clamp blocks should be used:

- a. in order to avoid profile play from influencing the quality of the saw cut;
- b. to ensure that the profiles do not twist on the table.



II.1.2 Assembly

2. Verandaprofiles - general

1. profile connections;
2. drainage and gaskets

1.2.2 Verandaprofiles – general

1.2.2.1 Profile connections

Steps:

- a. Correct sawing, punching or drilling.
- b. Protection of the saw cuts by:
 - deburring (if necessary);
 - removing dust and saw-dust on the saw cut and in the profile chamber;
 - degreasing (Degreaser art.no. 086.9393.--);
 - applying anti-corrosion product (Anticorro art.no. 086.9610.--); drying time: about 1 hour.
- c. Special sealings should be made according to the catalogue indications.

1.2.2.1 Drainage and gaskets

According to the catalogue indications.

II.2 FITTING

II.2.1 Fitting in the structural work

The fixing to the structural work is done directly through the profiles by means of for instance screws and plugs.

- The fixings may not be applied less than 40 mm of the wall of the structural work.
- The anchoring may in no way influence the bearing power of the adjacent building parts.
- All anchorings, as far as they are not made of aluminium or stainless steel, should be adequately corrosionprotected and may not attack the aluminium themselves.

Anchorings should be applied in such a way that they can meet possible expansion.

Anchorings should be dimensioned in such a way that they can resist the self-weight of accruing loads caused by snow, wind- and load by maintenance, ..., etc.

II.3 ROOF COVERING

Roof-covering (roof glazing or synthetic roofing) should be made according to the local norms and/or prescriptions.

VERARBEITUNGSVORSCHRIFTEN

I ALLGEMEIN

Siehe Katalog "1. Allgemeine Information" (099.C01E.00 Ausgabe 11/2004)

II VERARBEITUNGSVORSCHRIFTEN PARALLEL ROOF 100

II.1 VERARBEITUNG

Um ein qualitativ hochwertiges Endprodukt zu erstellen, sollen bei der Verarbeitung folgende Punkte berücksichtigt werden:

II.1.1 Spanende Bearbeitungen

Mit ‚spanenden Bearbeitungen‘ sind alle mechanischen Bearbeitungen, wie Sägen, Fräsen, Bohren, Stanzen gemeint.

Bei allen mechanischen Bearbeitungen ist auf den Einsatz geeigneter Sägeblätter, Fräser und Bohrer zu achten, damit die Oberfläche nicht durch Grate oder abplatzende Beschichtung beschädigt wird.

Zur Profilbearbeitung geben wir folgende Hinweise:

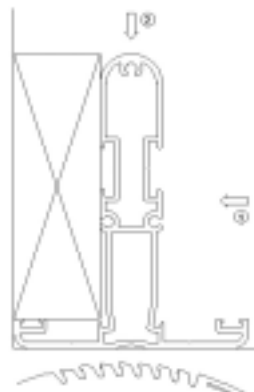
- Die spanabhebenden Werkzeuge müssen für den Werkstoff geeignet und ausreichend scharf sein.
- Die Maschinendrehzahl muss auf den Werkstoff Aluminium abgestimmt sein.
- Auf dem Auflage-/Säge-Tisch sollen keine Verunreinigungen, wie Sägespäne oder Kleberreste vorhanden sein.
- Zur Verlängerung der Werkzeugstandzeiten können geeignete Gleitmittel, wie der Fettstift (Art.-Nr. 086.9191.--), das Reynaers-Schneidmittel (Art.-Nr. 086.9175.--) oder die von den Maschinenlieferanten vorgeschriebenen Kühl- und Schneidmittel eingesetzt werden. Diese Kühl- und Schneidmittel müssen chemisch neutrale Produkte sein, die die Oberfläche nicht angreifen.
- Anwendung der geeigneten Spannbacken.

Position/Klemmung der Profile während des Sägens :

Die Position der Profile auf dem Sägetisch während des Zersägens ist sehr wichtig und ist die Basis um einen perfekten Sägeschnitt zu bekommen.

Spannbacken sollen angewandt werden:

- a. damit zu vermeiden, dass die Toleranz auf die Profile die Qualität des Sägeschnitts beeinflussen kann;
- b. damit zu vermeiden, dass die Profile auf dem Tisch kanten.



II.1.2 Profilverbindungen und deren Verarbeitung

Wintergartenprofile allgemein

1. Profilverbindungen;
2. Entwässerung und Dichtungen

1.2.2 Wintergartenprofile allgemein

1.2.2.1 Profilverbindungen

Verfahrensweise:

- a) Zuschneiden, stanzen oder bohren.
- b) Schutz der Schnittkanten:
 - Entgraten (falls erforderlich).
 - Schnittfläche und Profilkammern von Staub und Sägeresten säubern.
 - Entfetten der Profile (Degreaser Art.-Nr. 086.9393.--).
 - Korrosionsschutzprodukt (Antikorro Art.-Nr. 086.9610.--) aufbringen; Trockenzeit: ca. 1 Stunde.
- c) Sonderdichtungen sollen gemäß den Angaben im Katalog gemacht werden.

1.2.2.2 Entwässerung und Dichtungen

Gemäß den Angaben im Katalog.

II.2 MONTAGE

II.2.1 Befestigung am Baukörper

Die Befestigung am Baukörper erfolgt sofort durch die Profile mittels z.B. Schrauben und Dübel. Die Befestigungen sollen mindestens 40mm von der Baukörperwand angebracht werden.

- Die Verankerung ist so zu wählen, dass die auf die Fensterkonstruktion einwirkenden Lasten sicher an den Baukörper abgeleitet werden.

- Alle zum Einsatz kommenden Verankerungen sollen aus Aluminium oder Edelstahl bzw. korrosionsgeschützt sein, damit die Aluminiumprofile nicht angegriffen werden.

Die Verankerungen sollen so angebracht werden, dass sie eventuelle Ausdehnungen ausgleichen können.

Die Verankerungen sollen so dimensioniert werden, dass sie das Eigengewicht auftretender Belastungen wie Schnee, Wind- und unterhaltungsbelastung, ..., usw. widerstehen können.

II.3 DACHDECKUNG

Dachdeckung (Glasbedachung oder Kunststoffdachdeckung) soll gemäß den lokalen Normen und/oder Vorschriften ausgeführt werden.

C



Profielen

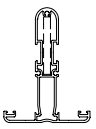
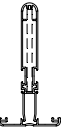
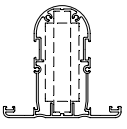
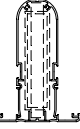
Profilés

Profiles

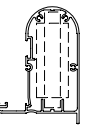
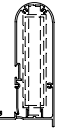
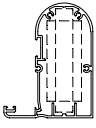
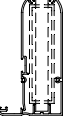
Profile

Art. N°			Art. N°		
007.0326.XX	45.C.017	D0058595			
007.0360.XX	45.C.016	D0058594			
007.0361.XX	45.C.016	D0058594			
007.0545.XX	45.C.023	D0059057			
007.0562.XX	45.C.035	D0059058			
007.0563.XX	45.C.035	D0059058			
007.0564.XX	45.C.035	D0059058			
007.0578.XX	45.C.036	D0059059			
007.0786.XX	45.C.037	D0059060			
007.0787.XX	45.C.037	D0059060			
007.0788.XX	45.C.038	D0059063			
017.0535.XX	45.C.020	D0058593			
017.0591.XX	45.C.040	D0059070			
017.0592.XX	45.C.040	D0059070			
017.0593.XX	45.C.040	D0059070			
017.0594.XX	45.C.040	D0059070			
017.0595.XX	45.C.040	D0059070			
017.0596.XX	45.C.040	D0059070			
017.0597.XX	45.C.040	D0059070			
017.0721.XX	45.C.022	D0058599			
017.0740.XX	45.C.022	D0058599			
017.0748.XX	45.C.033	D0058614			
017.0749.XX	45.C.030	D0058608			
017.0750.XX	45.C.031	D0058611			
017.0751.XX	45.C.030	D0058608			
017.0774.XX	45.C.026	D0058602			
017.0777.XX	45.C.025_01.002	D0090898			
017.0778.XX	45.C.024	D0058600			
017.0780.XX	45.C.025	D0058601			
017.0782.XX	45.C.028	D0058605			
017.0783.XX	45.C.029	D0058607			
017.0784.XX	45.C.026	D0058602			
017.0785.XX	45.C.025	D0058601			
017.0790.XX	45.C.010	D0058584			
017.0791.XX	45.C.010	D0058584			
017.0792.XX	45.C.011	D0058586			
017.0793.XX	45.C.012	D0058587			
017.0794.XX	45.C.013	D0058589			
017.0795.XX	45.C.013	D0058589			
017.0796.XX	45.C.014	D0058591			
017.0797.XX	45.C.015	D0058592			
017.0805.00	45.C.034	D0058616			
017.0806.XX	45.C.034	D0058616			
017.0810.XX	45.C.018	D0059065			
017.0811.XX	45.C.018	D0059065			
017.0812.XX	45.C.018	D0059065			
017.0813.XX	45.C.018	D0059065			
017.0814.XX	45.C.018	D0059065			
017.0815.XX	45.C.018	D0059065			
017.0865.XX	45.C.020	D0058593			
017.0902.00	45.C.027	D0058603			
017.0903.00	45.C.027	D0058603			
017.1722.XX	45.C.021	D0058597			
017.1752.XX	45.C.032	D0058612			
030.3607.XX	45.C.019	D0059067			
030.3609.XX	45.C.019	D0059067			
030.3610.XX	45.C.019	D0059067			
030.3613.XX	45.C.019	D0059067			
030.3615.XX	45.C.019	D0059067			
030.3634.XX	45.C.019	D0059067			
034.0571.XX	45.C.020	D0058593			
034.0618.XX	45.C.039	D0059069			
043.1010.XX	45.C.031	D0058611			
0A5.0502.XX	45.C.041	D0059073			
0A6.0402.XX	45.C.041	D0059073			
0B0.5401.XX	45.C.042	D0059071			
0M0.6003.XX	45.C.020	D0058593			

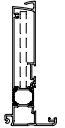
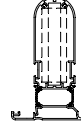
DRAGER
 CHEVRON
 RAFTER
 DACHSPARREN

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0790.XX		48,53	16,8	7,00	76,150	16,656
017.0791.XX		58,53	26,8	7,00 5,00	214,652	18,072
017.0792.XX		53,28	21,6	7,00	110,353	55,763
017.0793.XX		63,28	31,6	7,00 5,00	290,276	64,995

 ZIJKANT DRAGER
 PROFILE DE RIVE
 EDGE SECTION
 SEITENSPARREN

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0794.XX		42,52	22,4	7,00	100,468	39,114
017.0795.XX		52,52	32,4	7,00 5,00	270,908	49,501
017.0796.XX		40,54	24,6	7,00	95,666	37,303
017.0797.XX		50,54	34,7	7,00	260,439	47,749

 DRAGER
 CHEVRON
 RAFTER
 DACHSPARREN

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.0360.XX		55,05	15,3	7,00	209,114	22,594
007.0361.XX		53,67	30,2	7,00	214,994	54,063

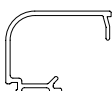
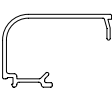
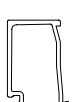
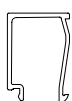
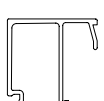
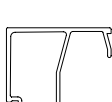
 AFWERKINGSPROFIEL
 PROFILE DE FINITION
 FINISHING PROFILE
 AUSFUEHRUNGSPROFIL

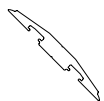
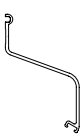
		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.0326.XX		43,33	22,2	7,00	15,875	130,185

 GLASLAT
 PARCLOSE
 GLAZING BEAD
 GLASLEISTE

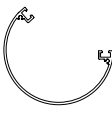
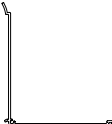
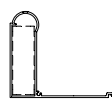
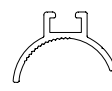
		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0810.XX		13,15	3,3	7,00	0,306	0,936
017.0811.XX		14,57	4,0	7,00	0,484	1,133
017.0812.XX		16,37	4,9	7,00	1,002	1,339
017.0813.XX		17,55	5,5	7,00	1,598	1,478

GLASLAT
 PARCLOSE
 GLAZING BEAD
 GLASLEISTE

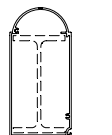
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0814.XX		17,95	5,7	7,00	1,837	1,514
017.0815.XX		19,05	6,3	7,00	2,620	1,605
030.3607.XX		15,11	3,7	7,00	0,333	0,895
030.3609.XX		15,56	4,3	7,00	0,544	0,967
030.3610.XX		16,19	4,6	7,00	0,691	1,022
030.3613.XX		19,57	5,5	7,00	1,192	1,184
030.3615.XX		20,86	6,1	7,00	1,750	1,252
030.3634.XX		24,03	6,7	7,00	2,849	1,579

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
AFDEKPROFIEL SCHUINE BEGLAZING PROFILE DE RECOURVEMENT VITRAGE OBLIQUE COVERING PROFILE SLOPED GLAZING ABDECKPROFIL SCHRAEGVERGLASUNG						
017.0535.XX		13,16	6,3	7,00	0,065	3,780
0M0.6003.XX		12,60	6,6	6,00	0,014	5,400
017.0865.XX		20,56	7,0	7,00	0,168	4,484
034.0571.XX		12,37	5,4	7,00	0,045	2,736
MUURPROFIEL RACCORD MURAL WALL SECTION MAUERPROFIL						
017.1722.XX		54,28	13,3	7,00 5,00	8,880	197,644
017.0721.XX		58,81	15,3	7,00 5,00	11,457	194,409
017.0740.XX		68,67	21,4	7,00 5,00	10,643	519,019
007.0545.XX		25,98	11,7	7,00	11,179	9,312

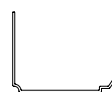
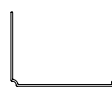
GOOT
 GOUTTIERE
 GUTTER
 RINNENPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0777.XX		58,47	24,2	7,00	130,739	76,918
017.0778.XX		84,92	25,3	7,00 5,00	340,947	192,943
017.0774.XX		65,71	31,6	5,00 7,00	262,055	102,517
017.0784.XX		13,82	6,5	7,00	1,347	0,472

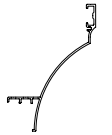
 GOOTHOUDER
 SUPPORT DE GOUTTIERE
 HOLDER GUTTER
 RINNENTRAEGER

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0780.XX		45,28	45,3	7,00 5,00	101,818	298,013
017.0785.XX		18,77	11,2	7,00	4,651	0,427

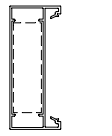
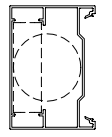
 KOPPELPROFIEL
 PROFILE DE RACCORDEMENT
 CONNECTION PROFILE
 KUPPLUNGSPROFIL

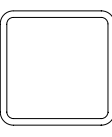
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0902.00		40,95	-	7,00	62,715	17,532
017.0903.00		55,22	-	7,00	36,788	159,692

 VERHOOGING GOOT
 PROFILE REHAUSSE DE GOUTTIERE
 RAISING PROFILE GUTTER SECTION
 RINNENVERBREITERUNG

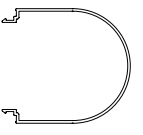
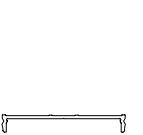
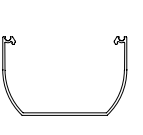
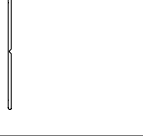
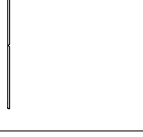
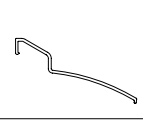
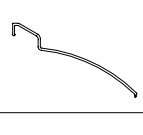
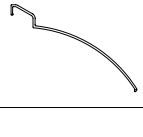
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0782.XX		46,94	16,6	7,00	67,986	37,800
017.0783.XX		57,14	18,6	7,00	41,980	128,211

 MIDDENSTEUN
 SUPPORT CENTRALE
 CENTRAL SUPPORT
 MITTELSTUETZE

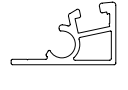
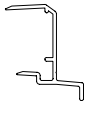
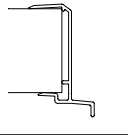
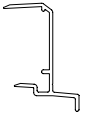
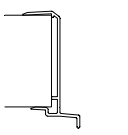
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0749.XX		39,63	20,1	5,00	14,781	98,921
017.0751.XX		47,63	19,3	5,00	28,556	79,785
017.0750.XX		46,11	26,2	5,00	58,670	143,084
043.1010.XX		23,80	9,5	6,00	0,143	19,126

017.0748.XX		26,63	26,6	5,00	72,120	72,120
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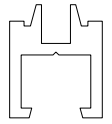
AFDEKPROFIEL
 PROFILE DE RECOUVREMENT
 COVERING PROFILE
 ABDECKPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.1752.XX		65,94	28,3	5,00	127,130	163,723
017.0805.00		18,25	-	7,00	0,082	10,135
017.0806.XX		40,14	18,0	7,00	13,838	41,176
007.0562.PA		15,43	7,9	7,00	-	-
007.0563.PA		27,43	13,9	7,00	-	-
007.0564.PA		39,43	19,9	7,00	0,013	123,006
007.0786.XX		22,87	10,7	7,00	14,758	3,615
007.0787.XX		29,70	14,1	7,00	34,756	9,278
007.0788.XX		36,03	17,5	7,00	60,389	21,480

 HOUDER STEUNPROFIEL
 SUPPORT PROFILE SUPPORT
 HOLDER RAFTER HOLDER
 HALTER SPARRENAUFLEGEPROFIL

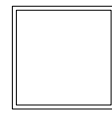
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.0578.XX		14,18	2,2	7,00	1,463	0,755
017.0591.XX		10,26	6,5	6,30	0,116	0,222
017.0592.XX		11,52	6,9	6,30	0,232	0,224
017.0593.XX		12,72	7,5	6,30	0,493	0,226
017.0594.XX		13,52	7,9	6,30	0,735	0,227
017.0595.XX		15,92	9,1	6,30	1,829	0,230
017.0596.XX		14,51	8,4	6,30	1,121	0,228
017.0597.XX		17,51	10,0	6,30	2,904	0,232

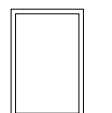
AFSTANDSHOUDER BEGLAZING
 REDUCTEUR DE FEUILLURE VITRAGE
 FILLISTER REDUCER PART GLAZING
 GLASFALZVERKLEINUNGSPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
034.0618.XX		6,88	2,0	7,00		

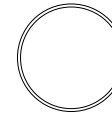
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
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 VIERKANTE BUIS
 TUBE CARRE
 SQUARE TUBE
 QUADRATROHR

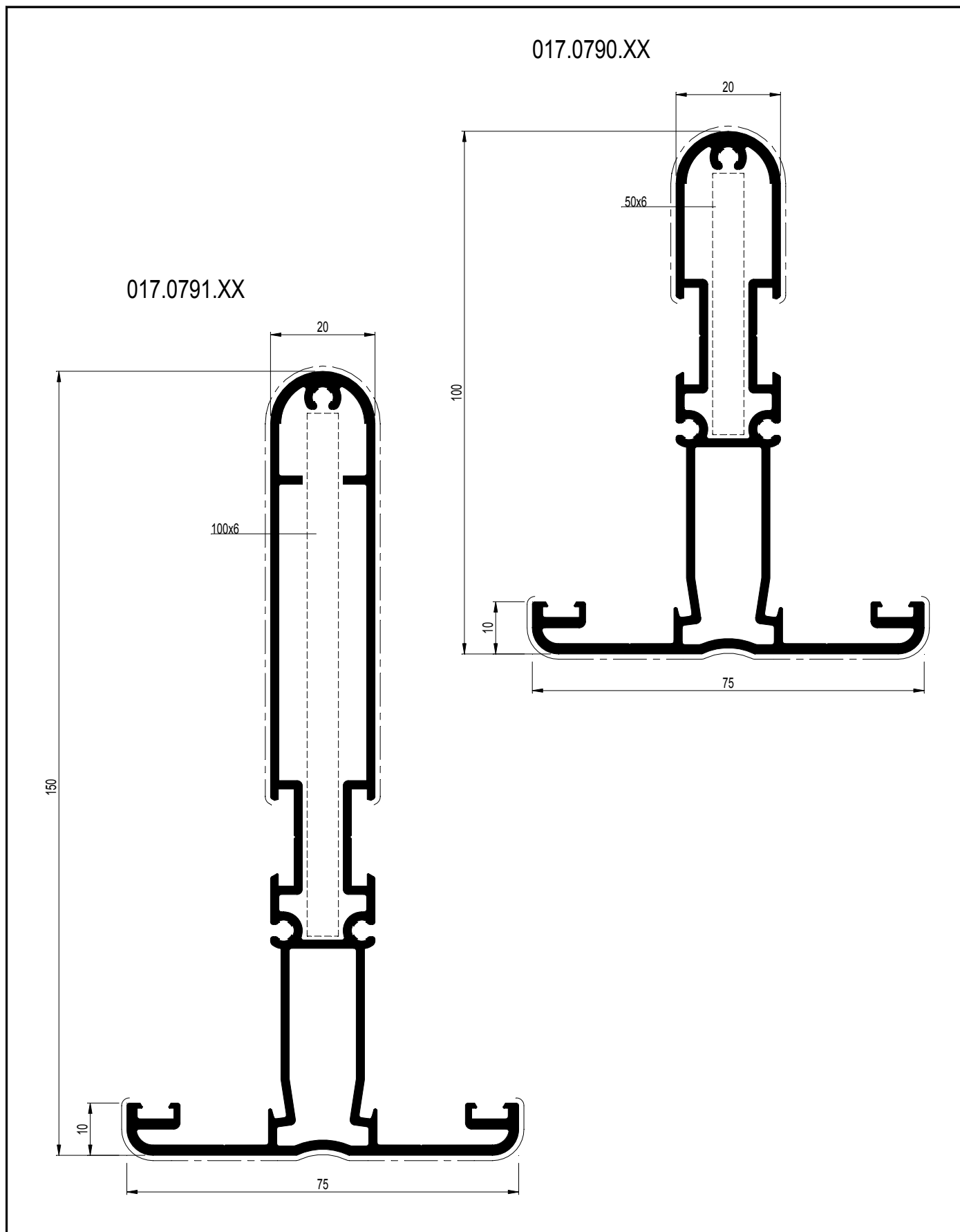
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
0A5.0502.XX		20,00	20,0	6,00	14,771	14,771

0A6.0402.XX		20,00	20,0	7,00	23,474	12,349
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 RONDE BUIS
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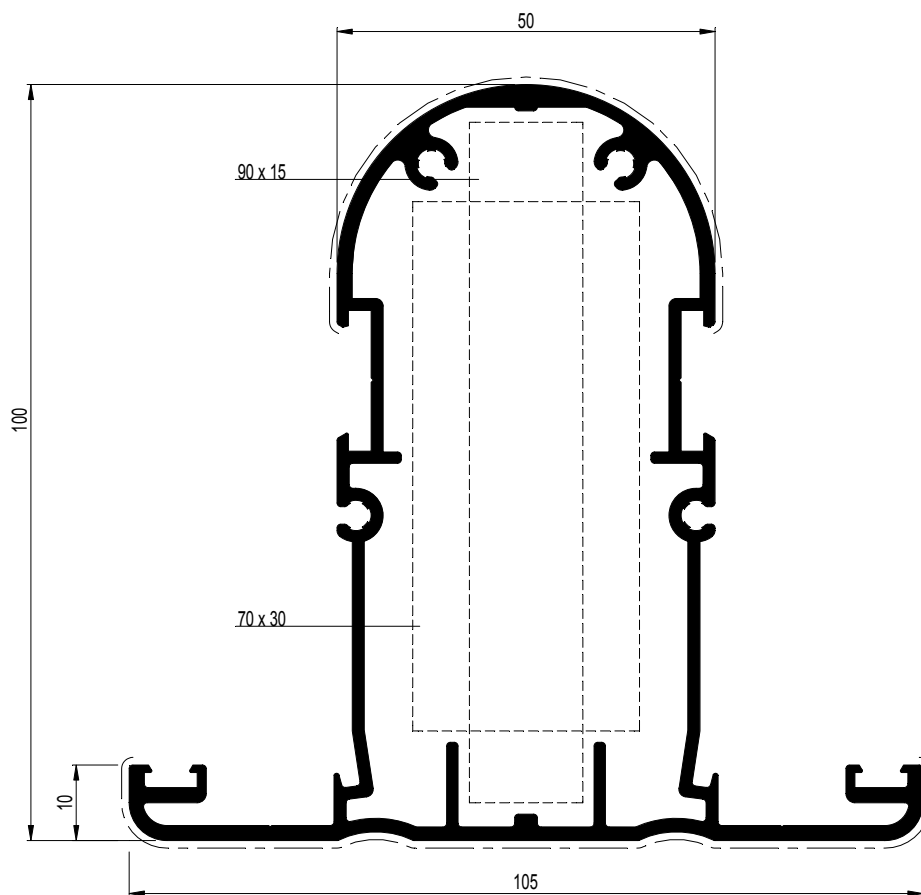
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
0B0.5401.XX		16,97	17,0	6,00	8,530	8,530

				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
017.0790.XX	48.53	16.8	7.00	76.150	12.241	37.79	16.656	4.442	37.50	X Y 0
017.0791.XX	58.53	26.8	7.00/5.00	214.652	23.481	58.59	18.072	4.819	37.50	

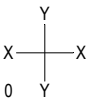


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0792.XX	53.28	21.6	7.00	110.353	18.195	39.35	55.763	10.622	52.50	0 Y

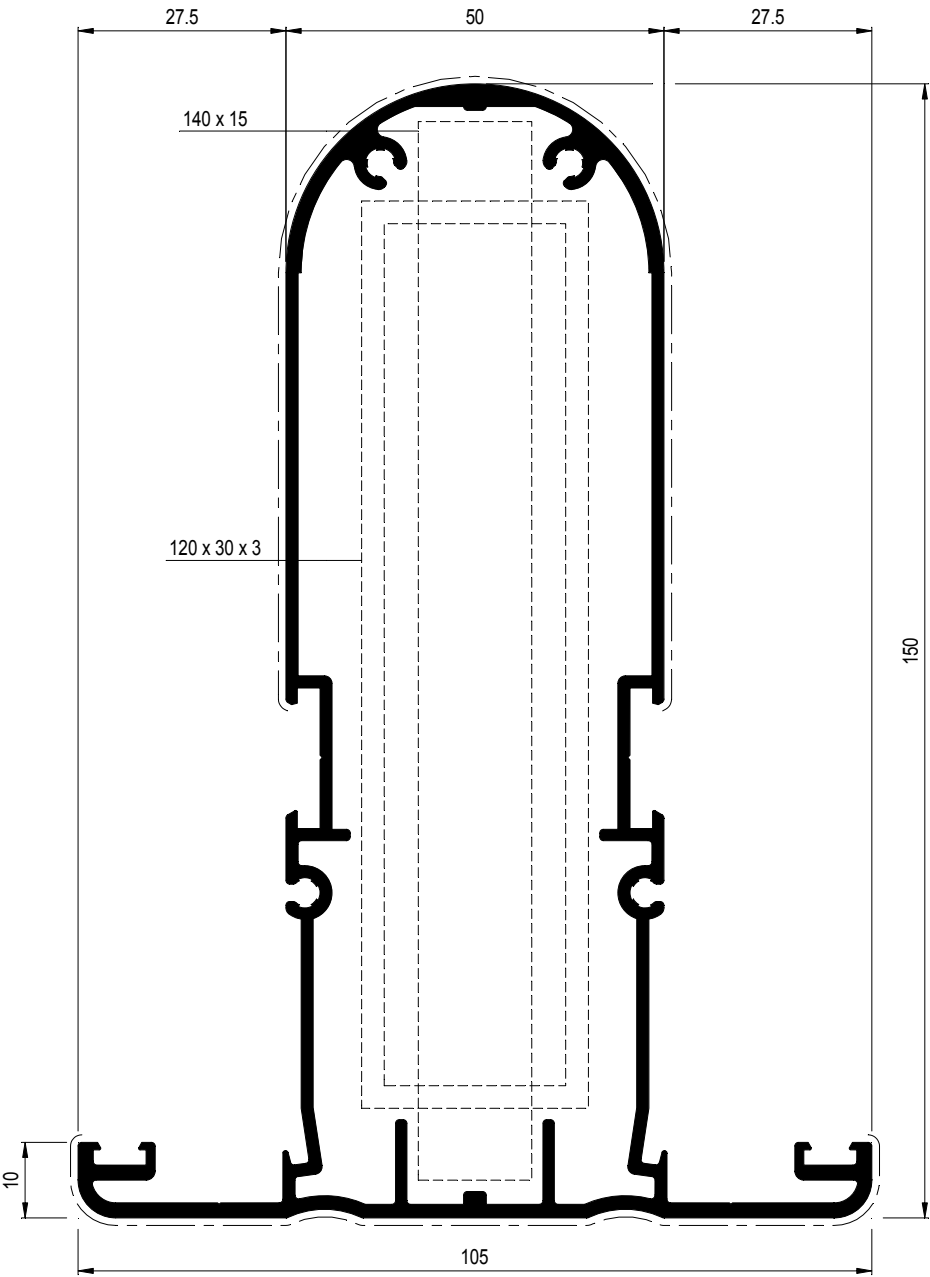
017.0792.XX





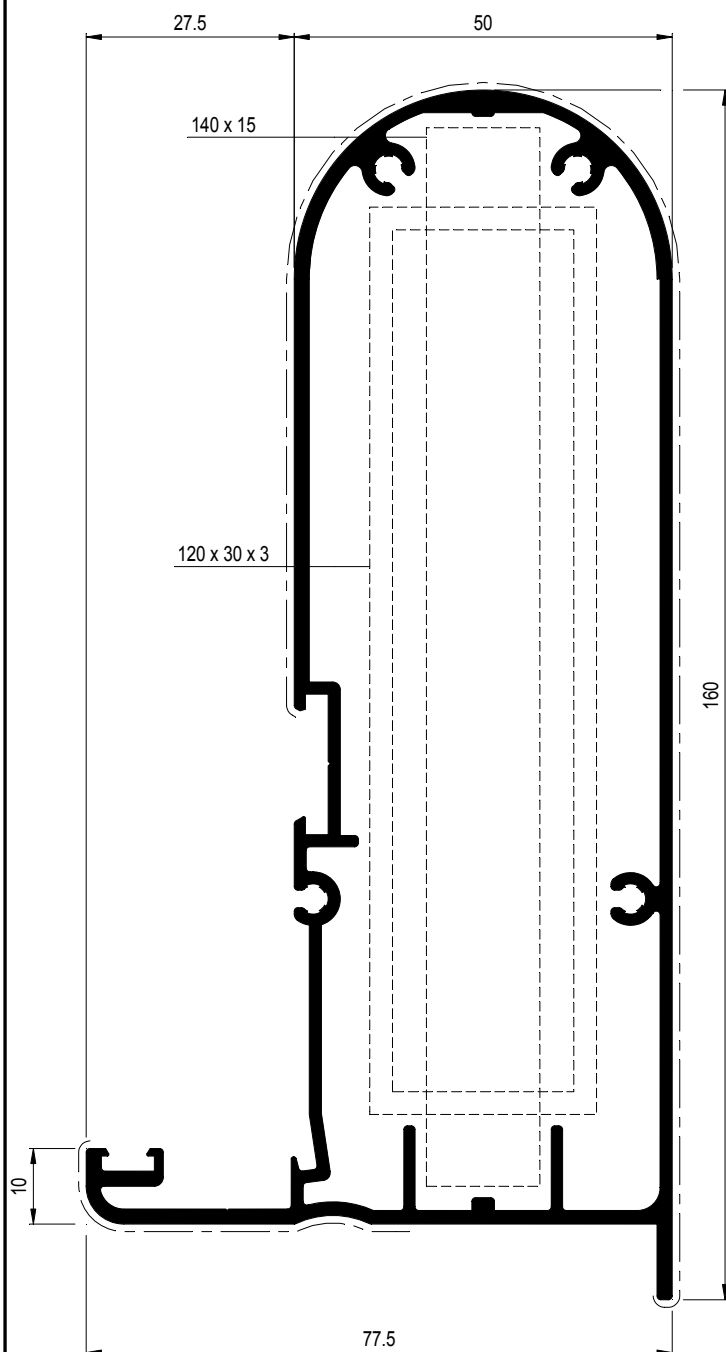
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
017.0793.XX	63.28	31.6	7.00/5.00	290.276	32.062	59.46	64.995	12.380	52.50	

017.0793.XX

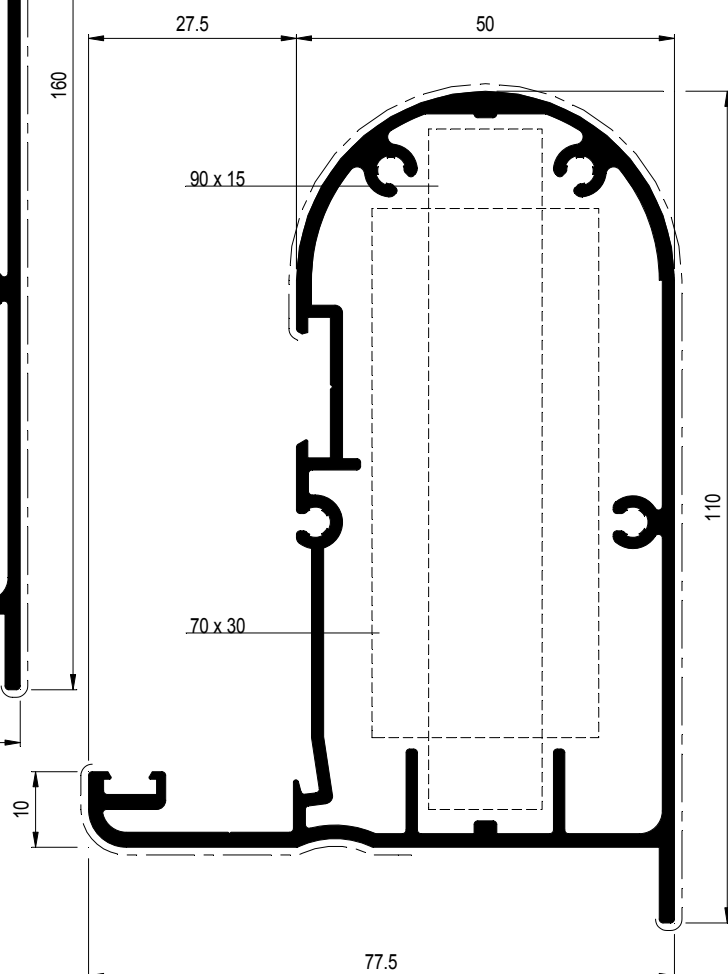


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0794.XX	42.52	22.4	7.00	100.468	17.320	51.99	39.114	8.165	47.91	
017.0795.XX	52.52	32.4	7.00/5.00	270.908	31.647	74.40	49.501	10.250	48.30	

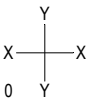
017.0795.XX



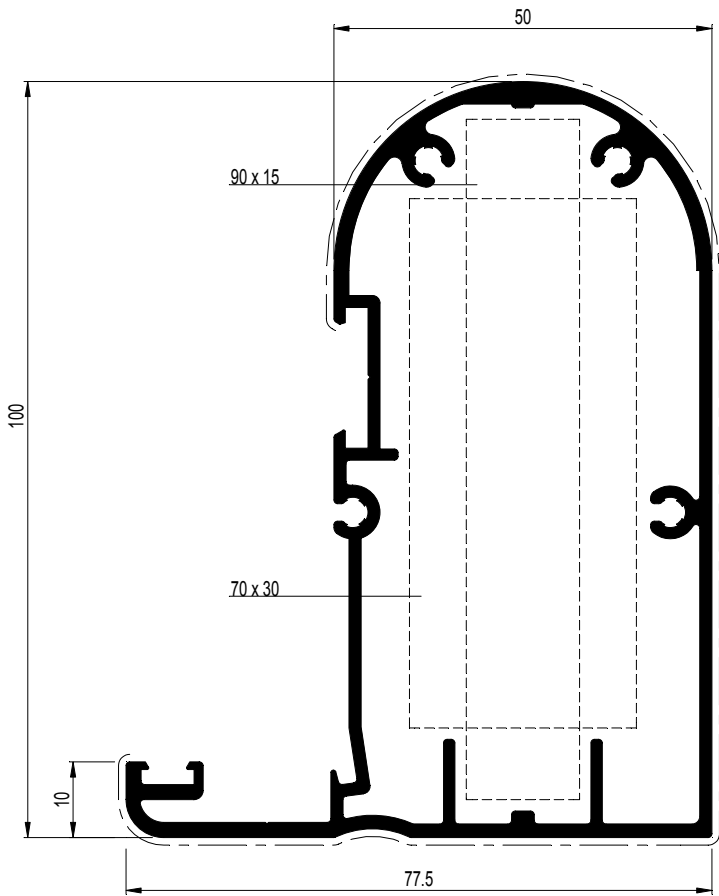
017.0794.XX





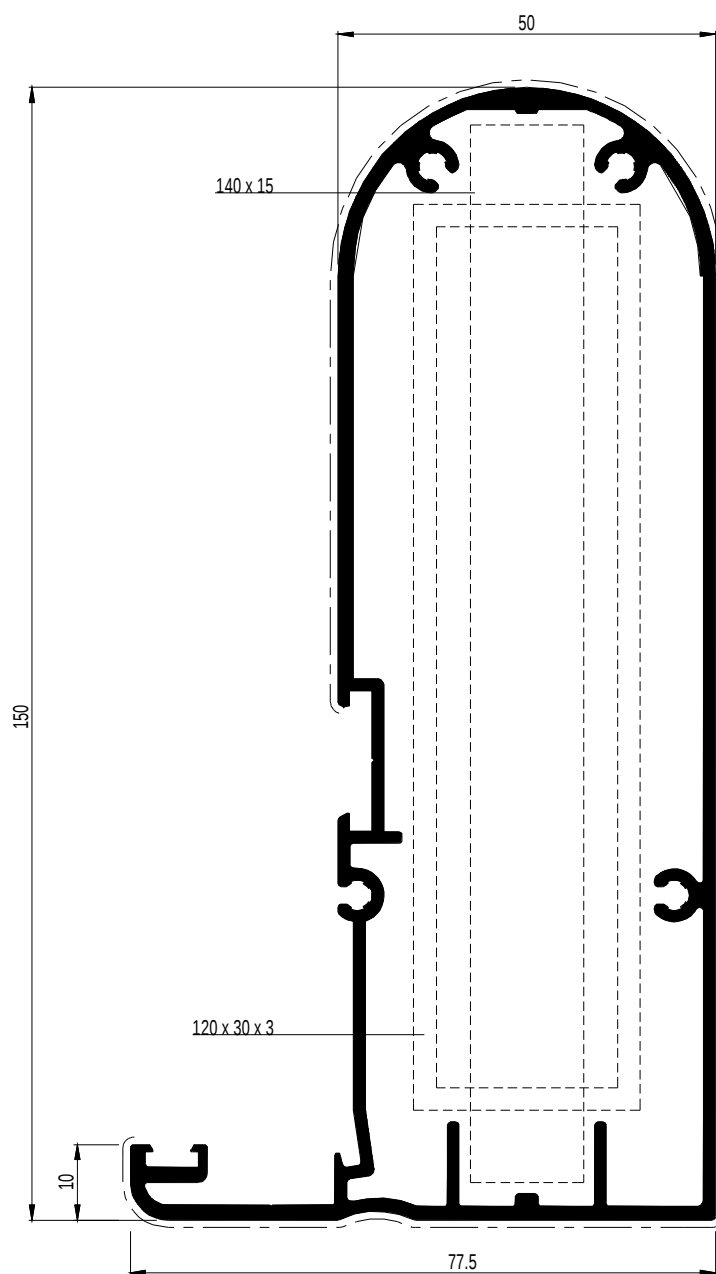
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0796.XX	40.54	24.6	7.00	95.666	16.892	43.37	37.303	7.927	47.06	

017.0796.XX



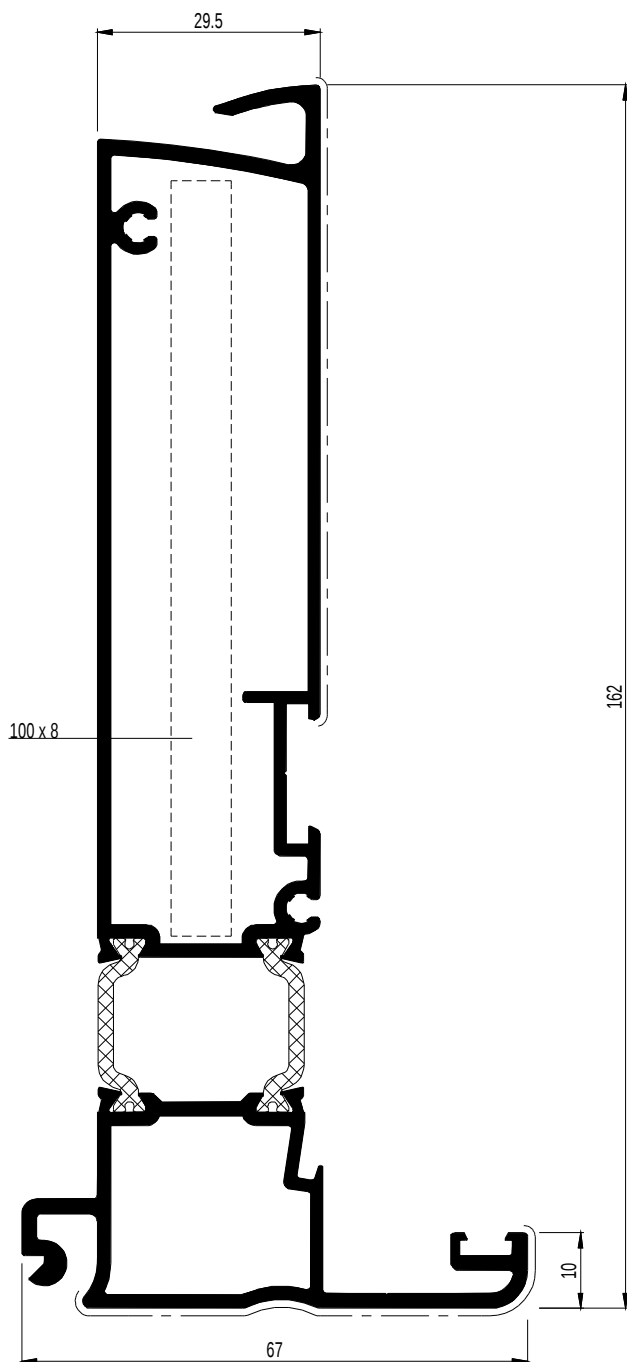
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0797.XX	50.54	34.7	7.00	260.439	31.016	66.03	47.749	10.026	47.63	

017.0797.XX

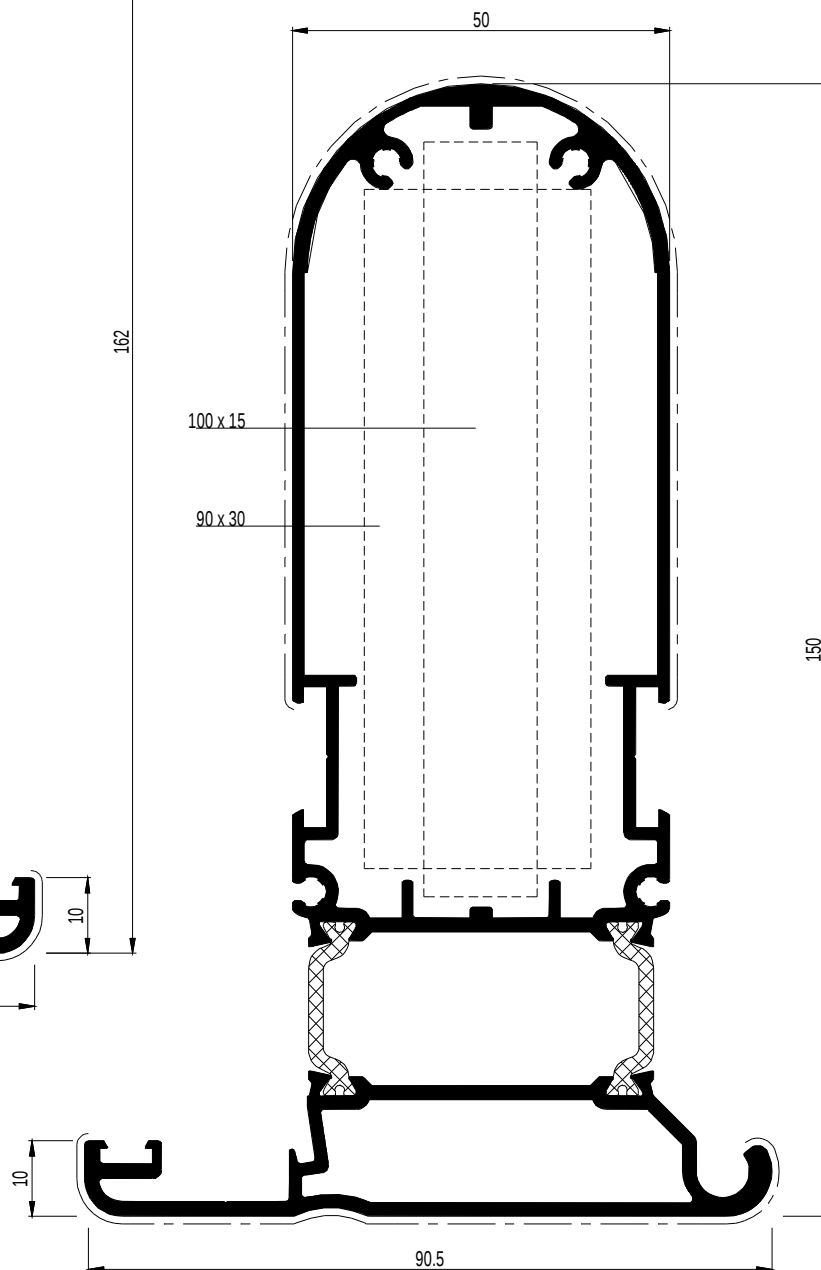


	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
007.0360.XX	55.05	15.3	7.00	209.114	22.441	68.81	22.594	5.595	26.62	
007.0361.XX	53.67	30.2	7.00	214.994	23.997	60.41	54.063	10.697	50.54	

007.0360.XX

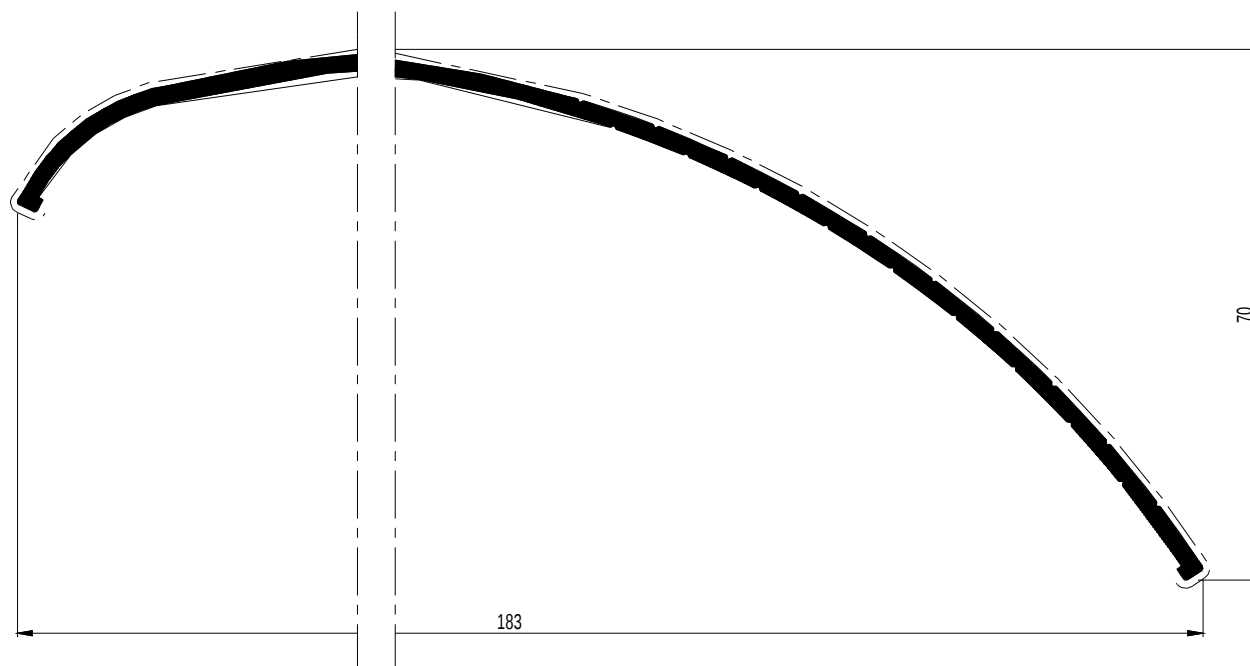


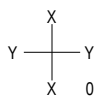
007.0361.XX



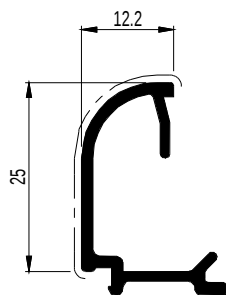
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0326.XX	43.33	22.2	7.00	15.875	3.136	50.63	130.185	13.569	95.94	

007.0326.XX

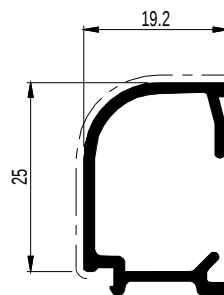


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
017.0810.XX	13.15	3.3	7.00	0.306	0.248	12.34	0.936	0.600	12.61	
017.0811.XX	14.57	4.0	7.00	0.484	0.450	10.75	1.133	0.797	13.98	
017.0812.XX	16.37	4.9	7.00	1.002	0.580	17.27	1.339	0.869	15.41	
017.0813.XX	17.55	5.5	7.00	1.598	0.753	21.21	1.478	0.902	16.39	
017.0814.XX	17.95	5.7	7.00	1.837	0.815	22.54	1.514	0.910	16.64	
017.0815.XX	19.05	6.3	7.00	2.620	1.004	26.10	1.605	0.929	17.27	

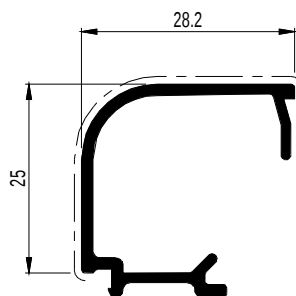
017.0810.XX



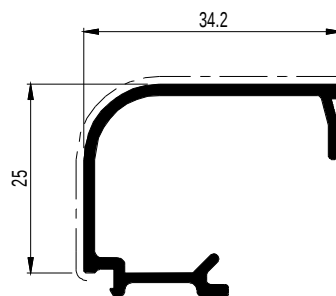
017.0811.XX



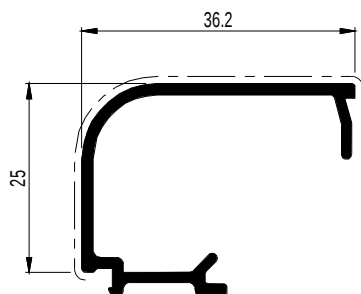
017.0812.XX



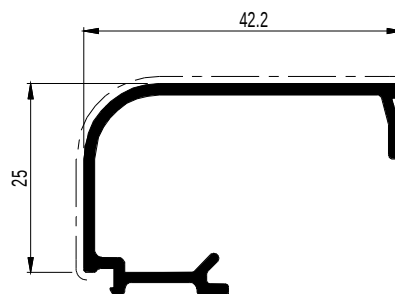
017.0813.XX

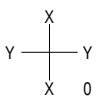


017.0814.XX

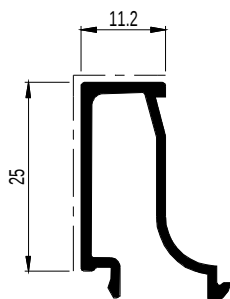


017.0815.XX

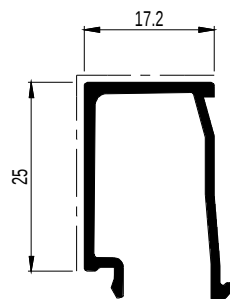


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
030.3607.XX	15.11	3.7	7.00	0.333	0.255	13.08	0.895	0.581	15.39	
030.3609.XX	15.56	4.3	7.00	0.544	0.483	11.26	0.967	0.572	16.89	
030.3610.XX	16.19	4.6	7.00	0.691	0.646	10.70	1.022	0.590	17.32	
030.3613.XX	19.57	5.5	7.00	1.192	0.696	17.13	1.184	0.629	18.81	
030.3615.XX	20.86	6.1	7.00	1.750	0.821	21.31	1.252	0.647	19.35	
030.3634.XX	23.77	6.7	7.00	2.816	1.180	23.87	1.550	0.824	18.81	

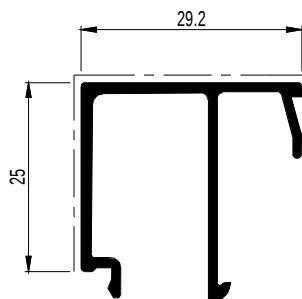
030.3607.XX



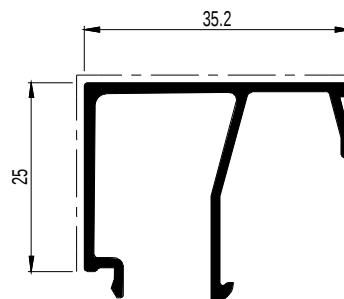
030.3609.XX



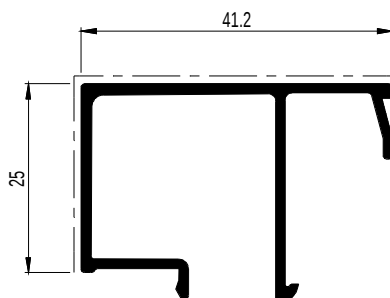
030.3613.XX



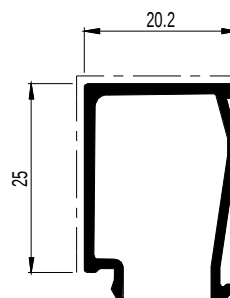
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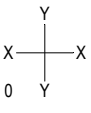


030.3634.XX

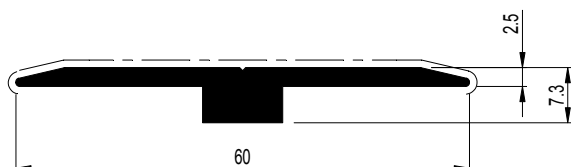


030.3610.XX

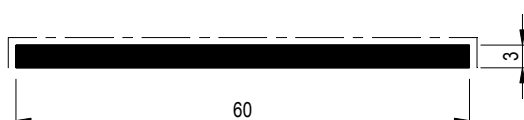


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
017.0535.XX	13.16	6.3	7.00	0.065	0.129	5.04	3.780	1.260	30.00	
017.0865.XX	20.56	7.0	7.00	0.168	0.185	9.11	4.484	1.494	30.00	
0M0.6003.XX	12.60	6.6	6.00	0.014	0.090	1.50	5.400	1.800	30.00	

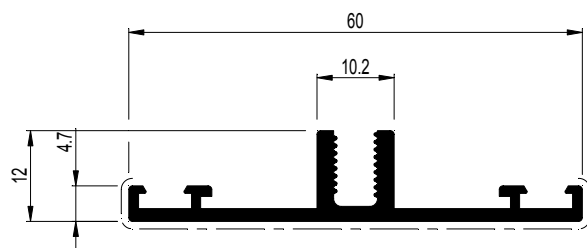
017.0535.XX



0M0.6003.XX

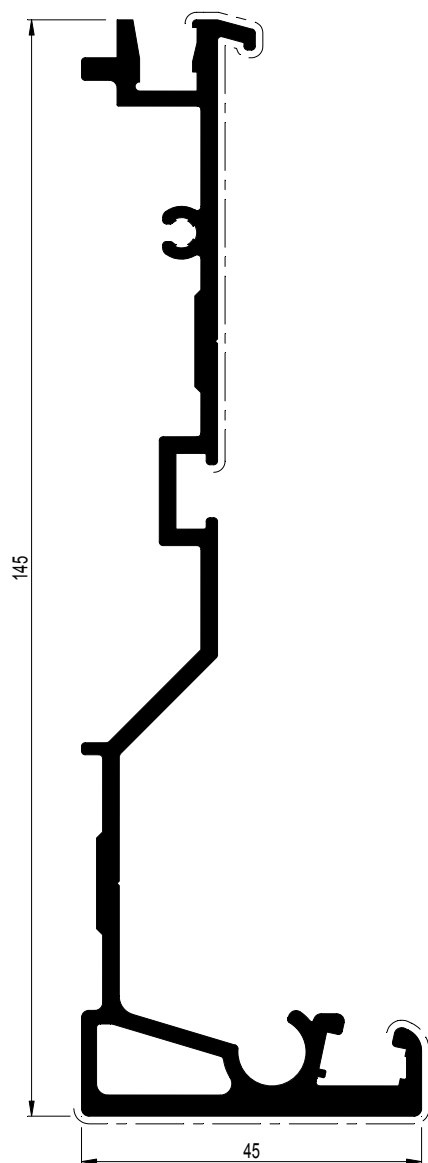


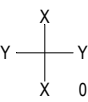
017.0865.XX



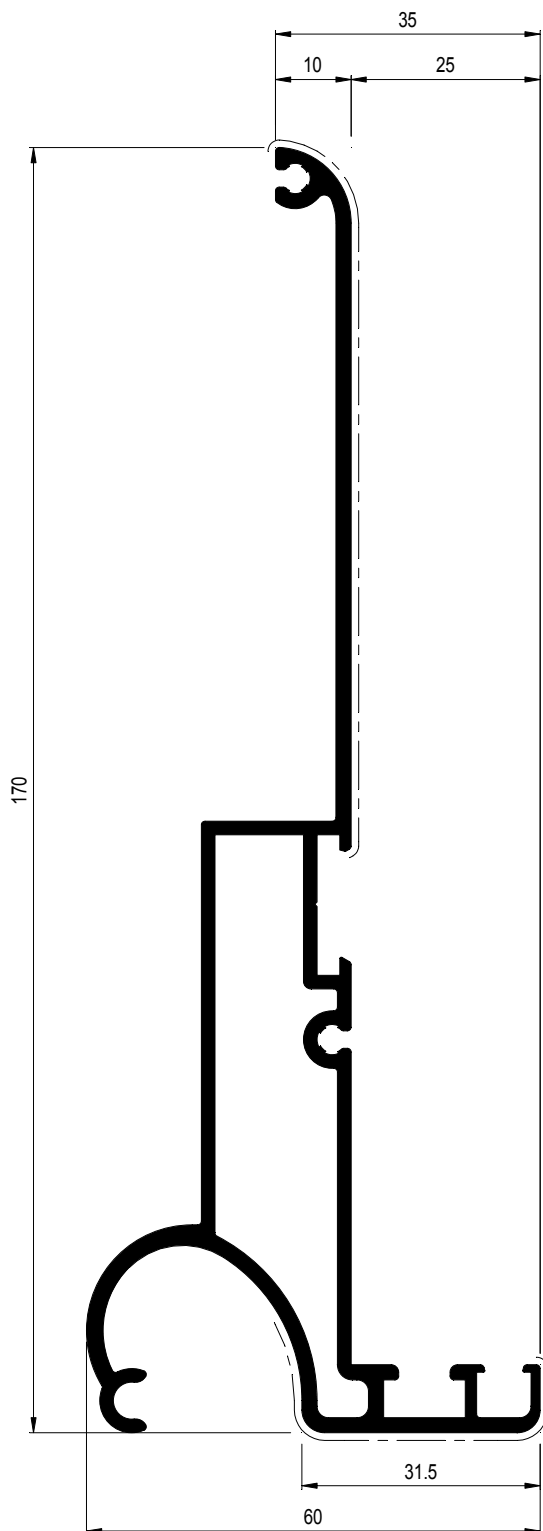
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.1722.XX	54.28	13.3	7.00/5.00	8.880	3.054	29.08	197.644	22.600	57.55	

017.1722.XX

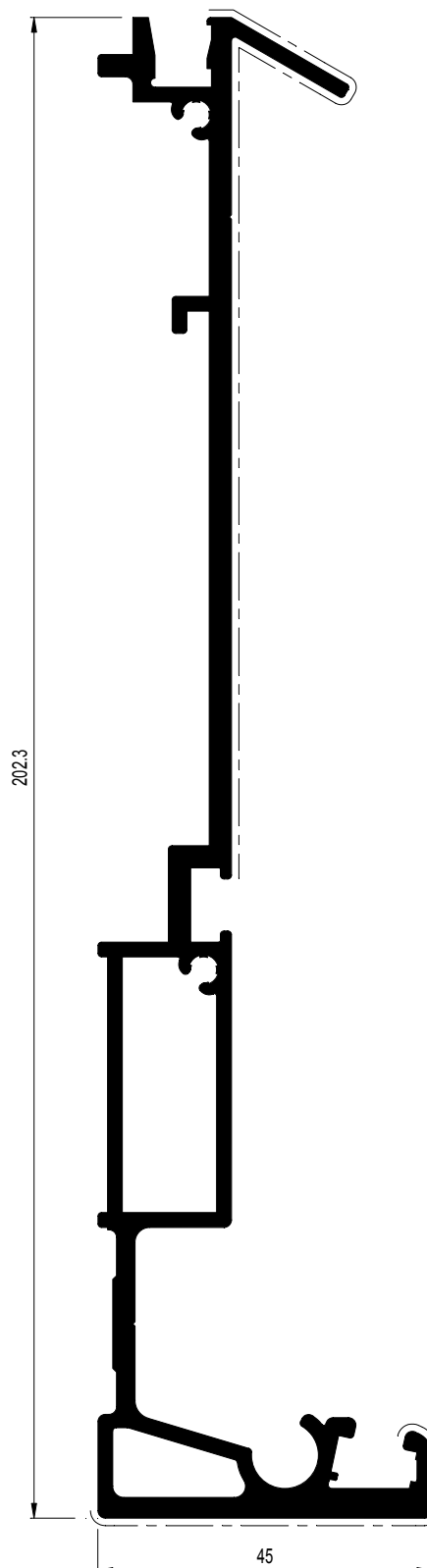


				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0721.XX	58.81	15.3	7.00/5.00	11.457	3.603	31.80	194.409	17.526	59.06	
017.0740.XX	68.67	21.4	7.00/5.00	10.643	3.586	29.68	519.019	44.540	85.77	

017.0721.XX

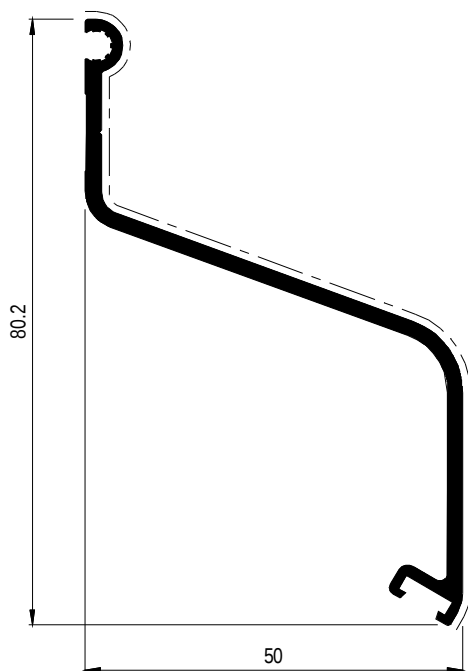


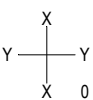
017.0740.XX



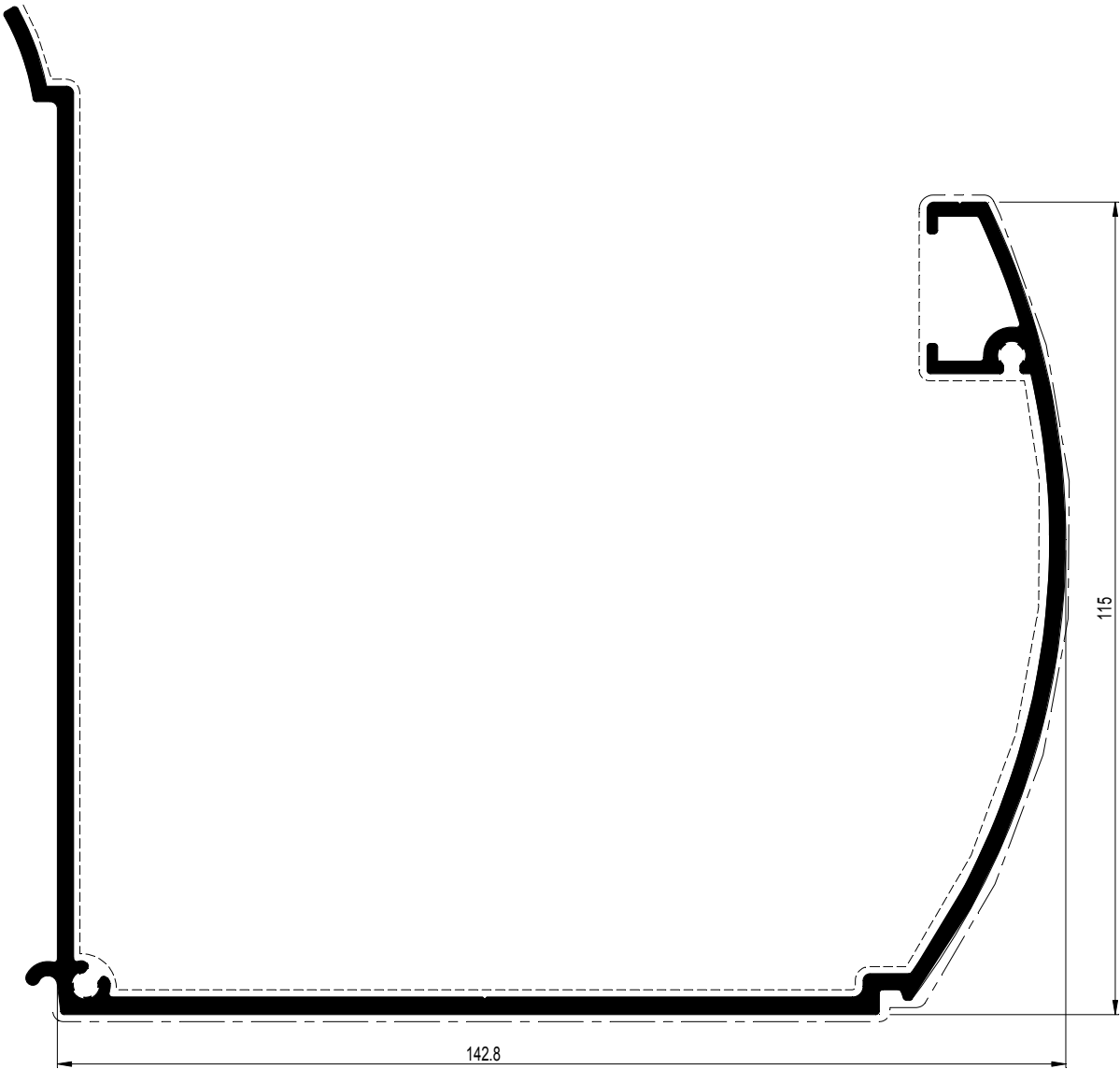
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0545.XX	25.98	11.7	7.00	11.179	2.772	40.31	9.312	3.348	22.19	

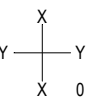
007.0545.XX



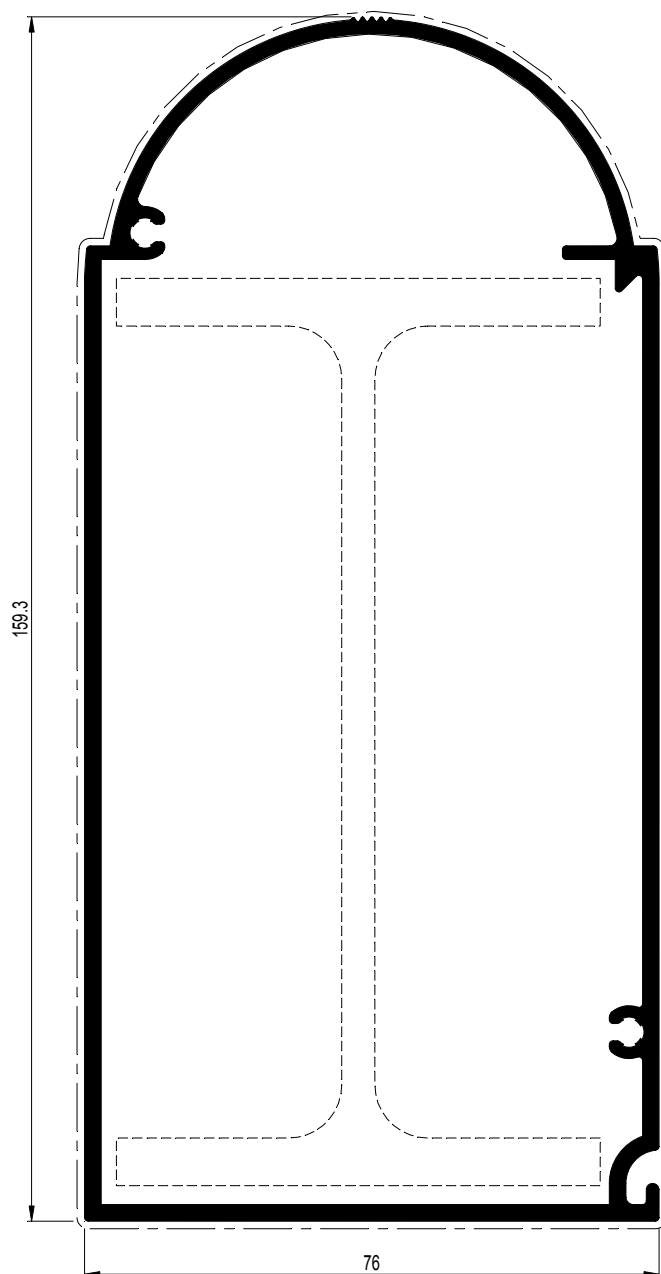
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0778.XX	84.92	25.3	7.00/5.00	340.947	43.367	78.62	192.943	20.120	46.77	

017.0778.XX

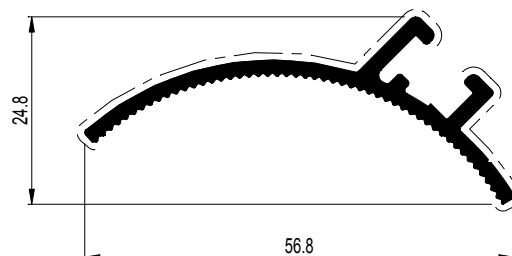


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0780.XX	45.28	45.3	7.00/5.00	101.818	26.104	37.00	298.013	34.518	72.97	
017.0785.XX	18.77	11.2	7.00	4.651	1.379	23.06	0.427	0.295	14.45	

017.0780.XX



017.0785.XX



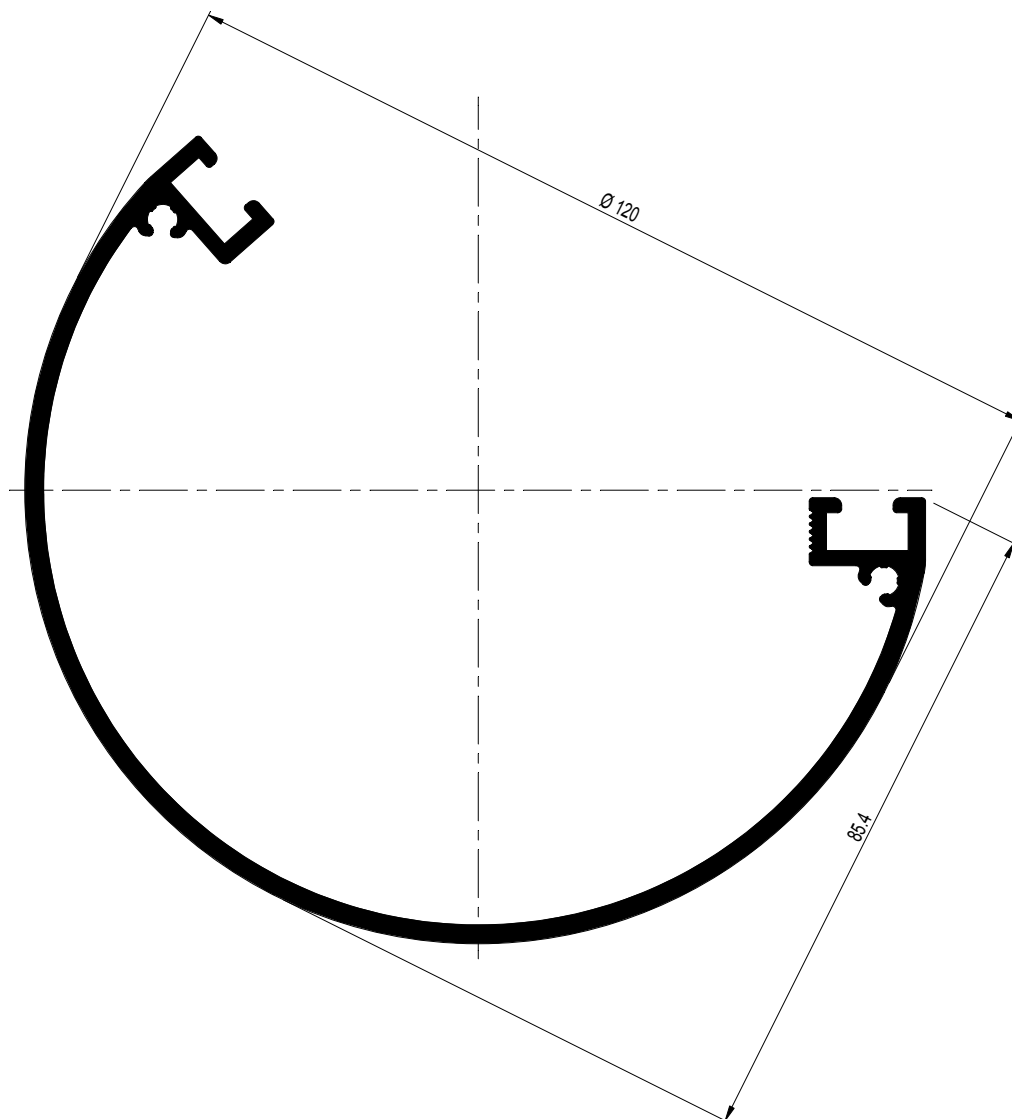
PR 100

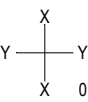
GOTEN
GOUTTIERES
GUTTERS
RINNENPROFILE



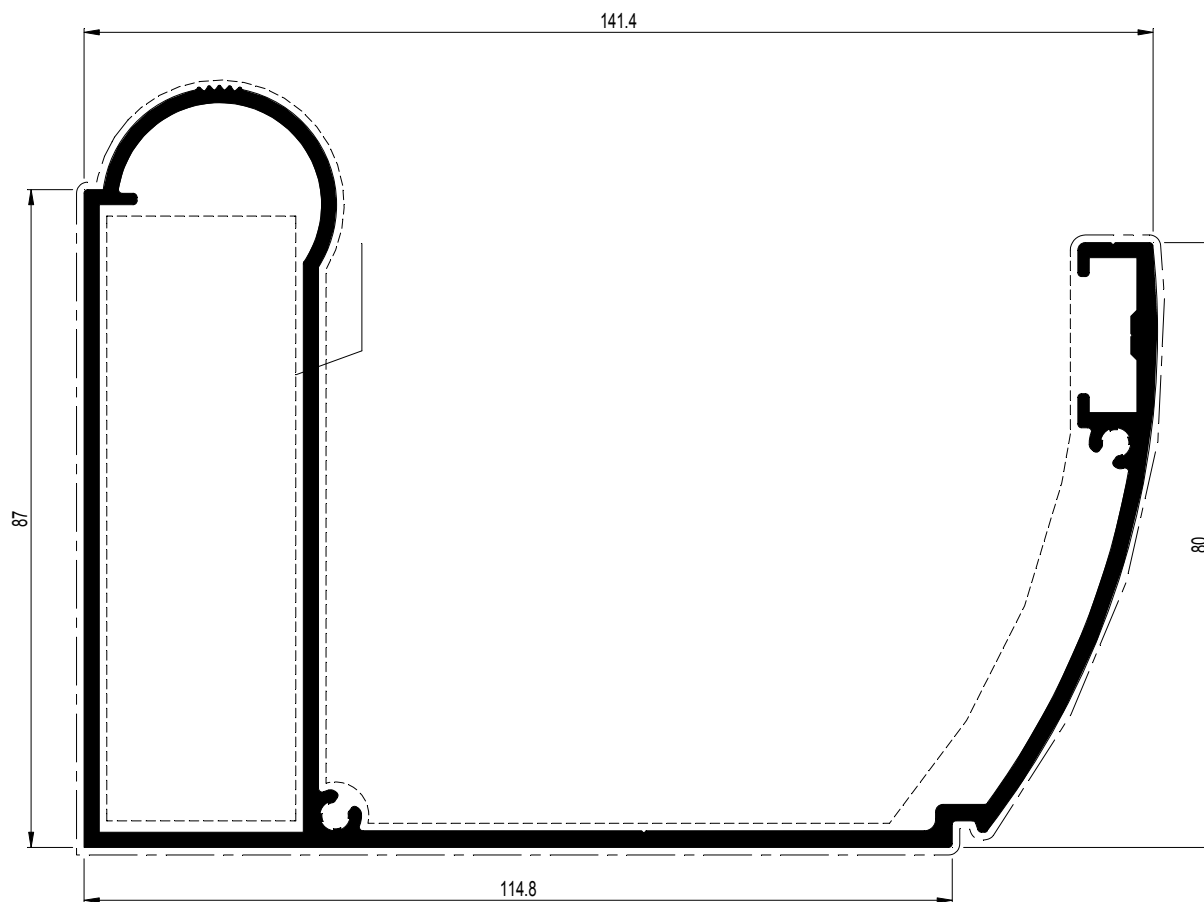
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0777.XX	58.47	24.2	7.00	130.739	19.264	51.29	76.918	11.992	64.14	

017.0777.XX

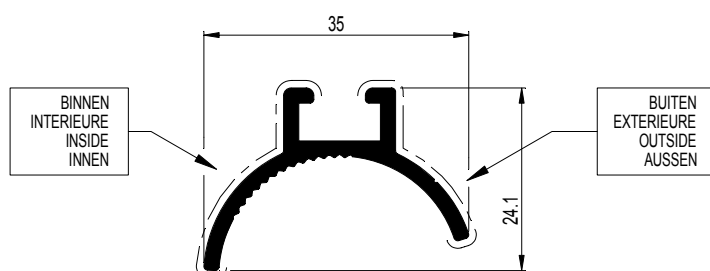


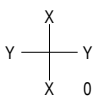
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0774.XX	65.71	31.6	5.00/7.00	262.055	31.683	82.71	102.517	16.159	37.36	
017.0784.XX	13.82	6.5	7.00	1.347	0.744	18.10	0.472	0.338	10.18	

017.0774.XX

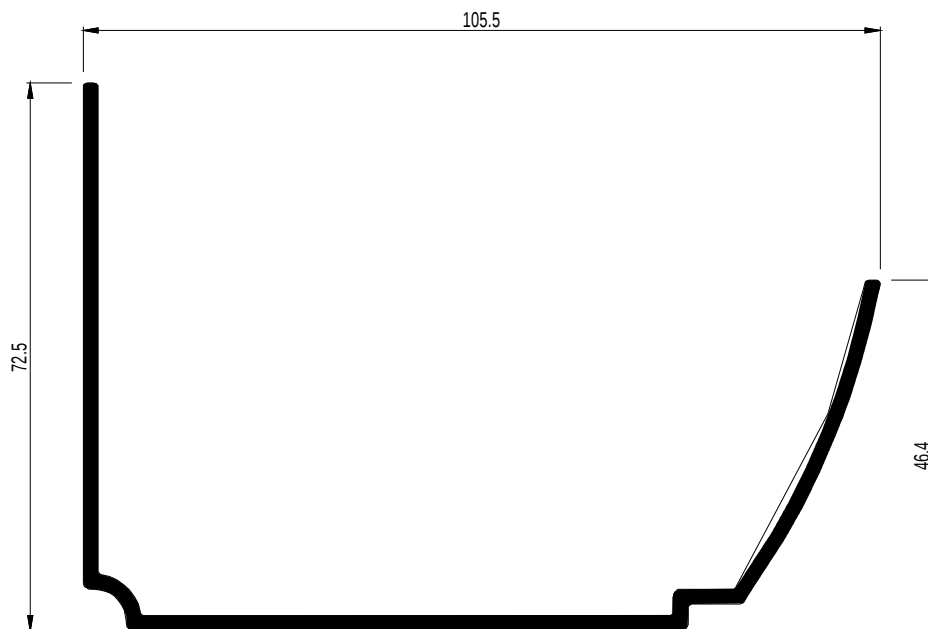


017.0784.XX

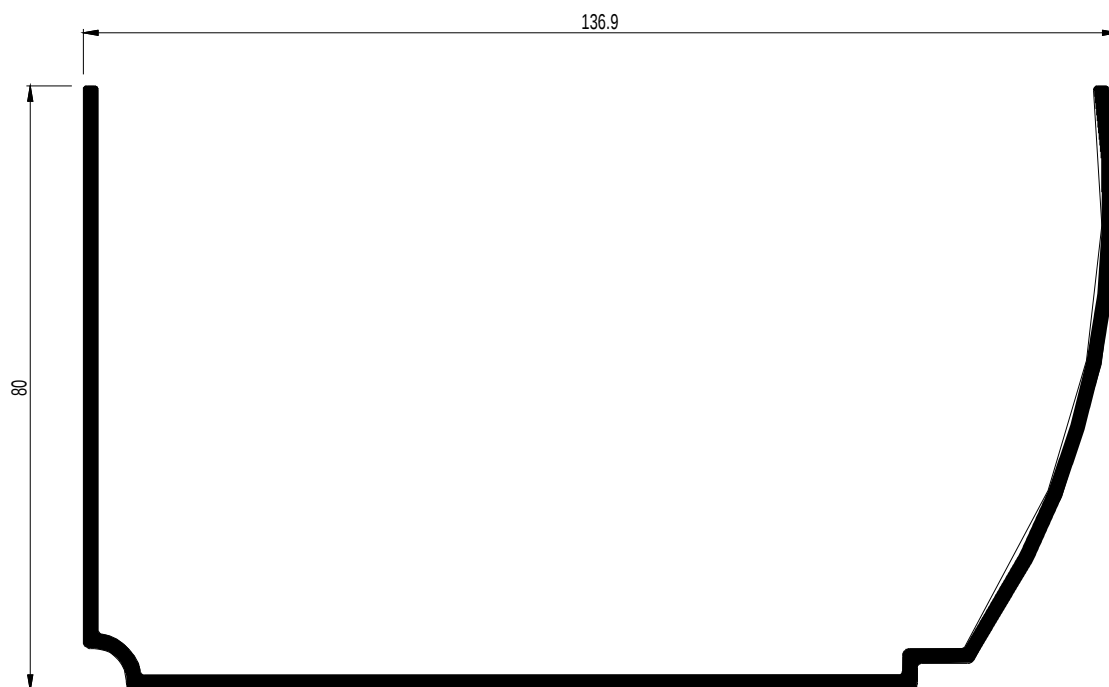


				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0902.00	40.95	-	7.00	62.715	9.873	63.52	17.532	3.283	53.41	
017.0903.00	55.22	-	7.00	36.788	6.575	24.05	159.692	21.970	72.69	

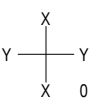
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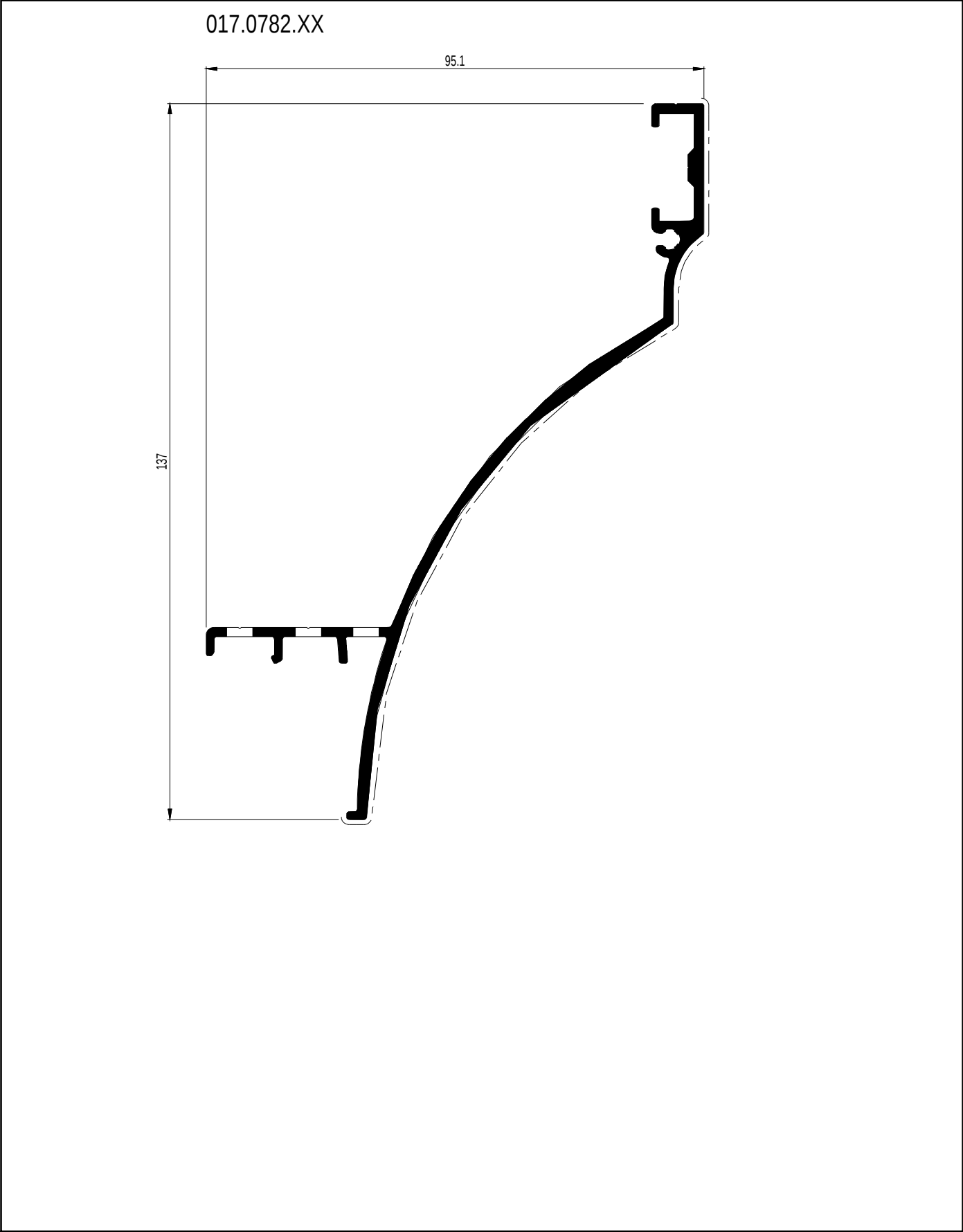


017.0903.00



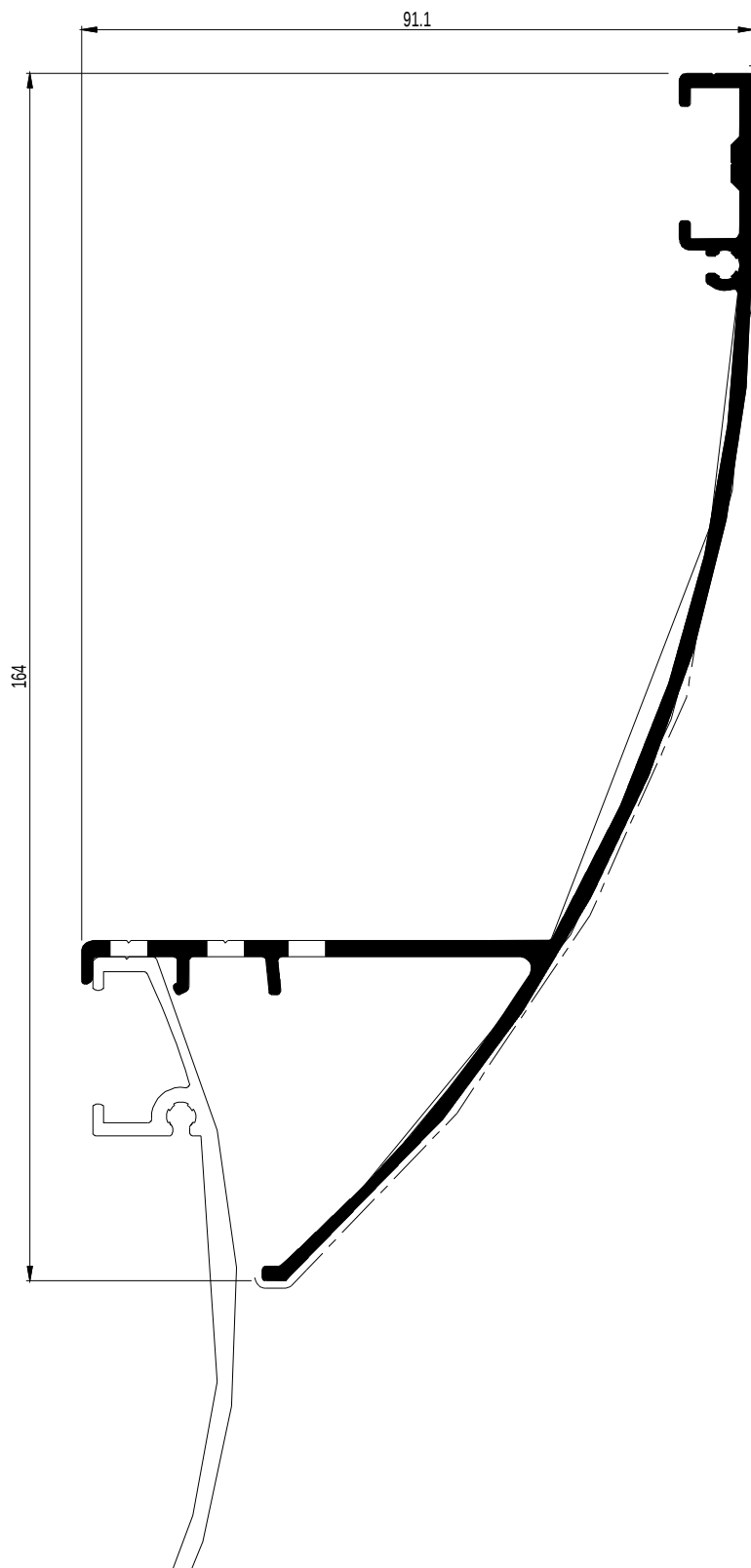


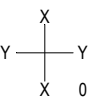
	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
017.0782.XX	46.94	16.6	7.00	67.986	9.788	69.46	37.800	6.736	39.04	



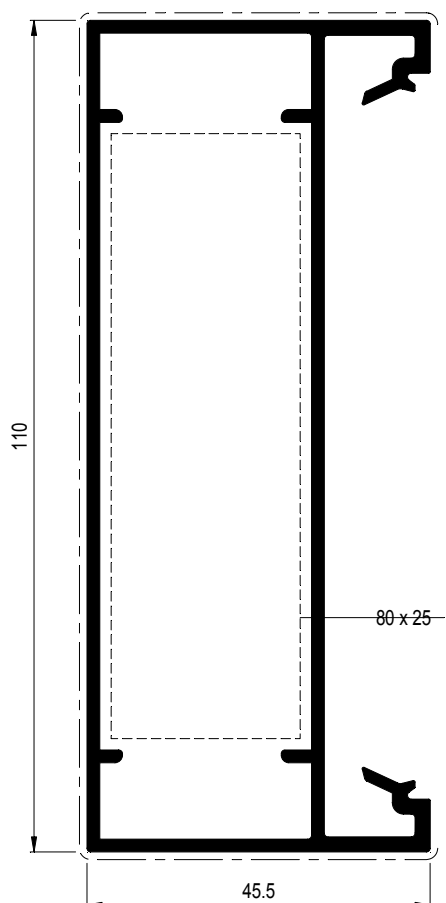
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0783.XX	57.14	18.6	7.00	41.980	6.932	30.59	128.211	14.158	73.44	

017.0783.XX

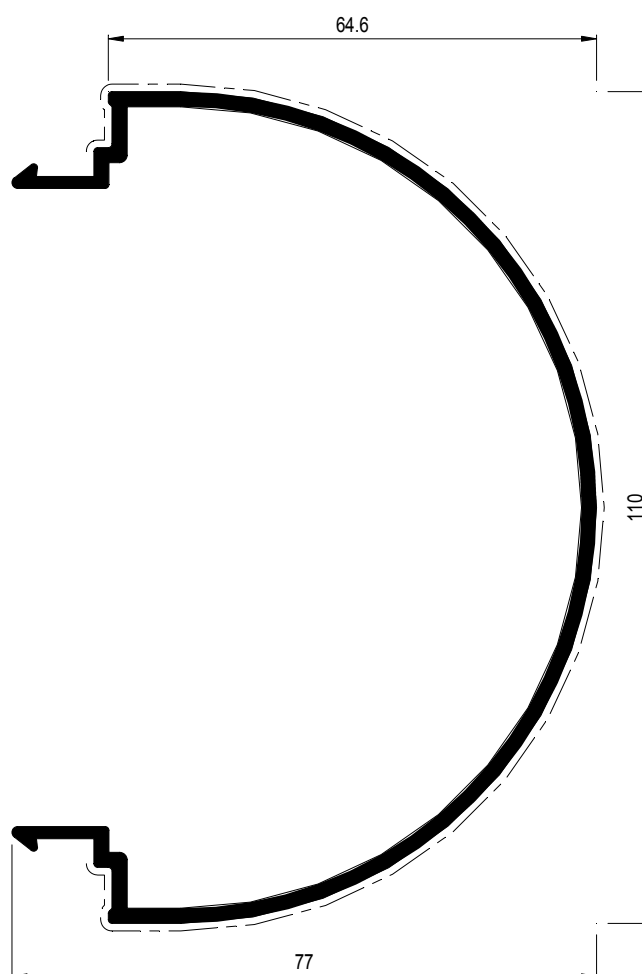


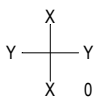
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0749.XX	39.63	20.1	5.00	14.781	5.884	25.12	98.921	17.986	55.00	
017.0751.XX	47.63	19.3	5.00	28.556	6.440	33.00	79.785	14.506	55.00	

017.0749.XX

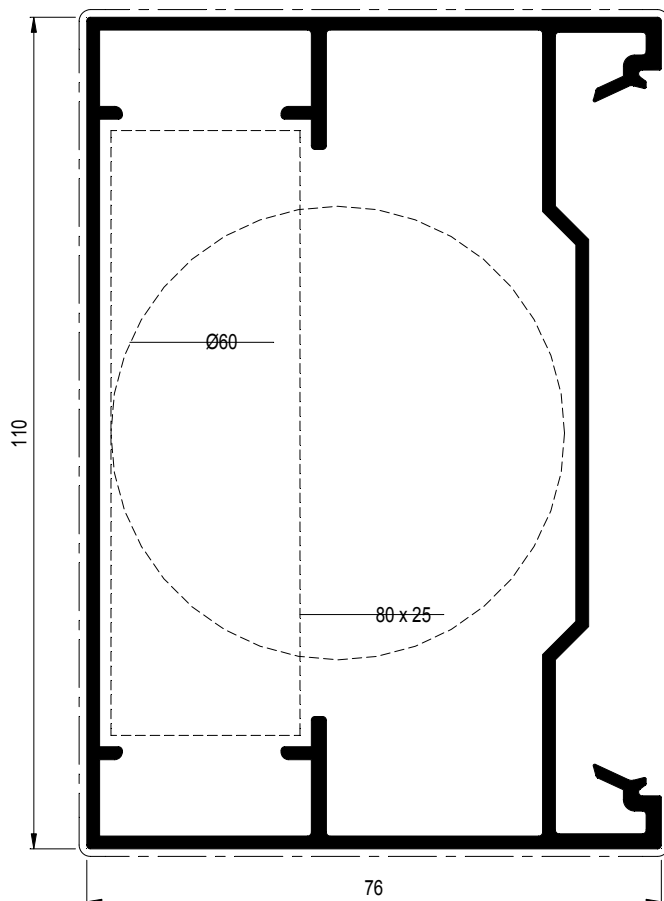


017.0751.XX

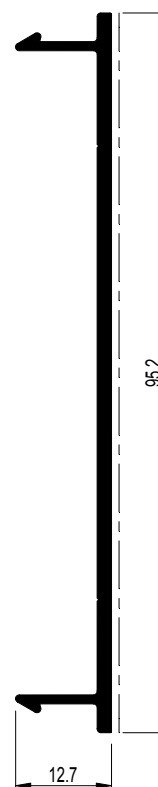


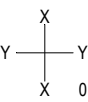
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0750.XX	46.11	26.2	5.00	58.670	15.070	38.93	143.084	26.015	55.00	
043.1010.XX	23.80	9.5	6.00	0.143	0.132	1.87	19.126	4.017	47.60	

017.0750.XX

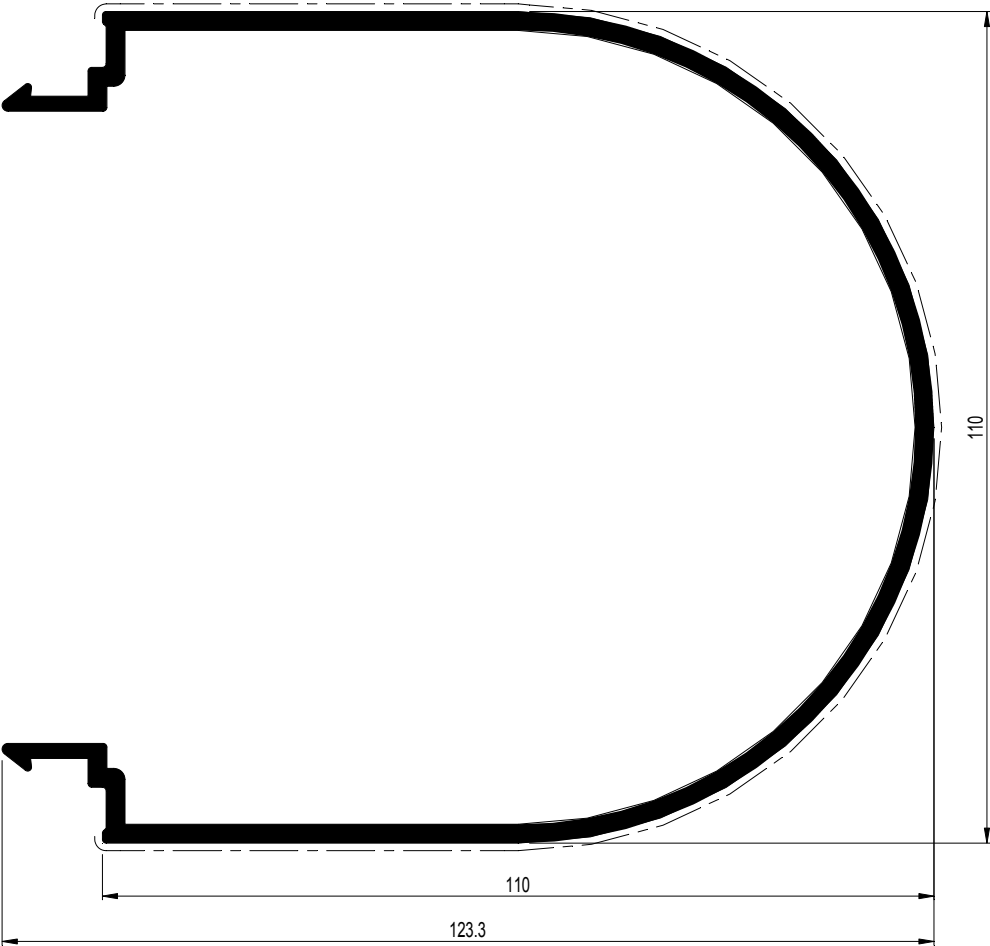


043.1010.XX



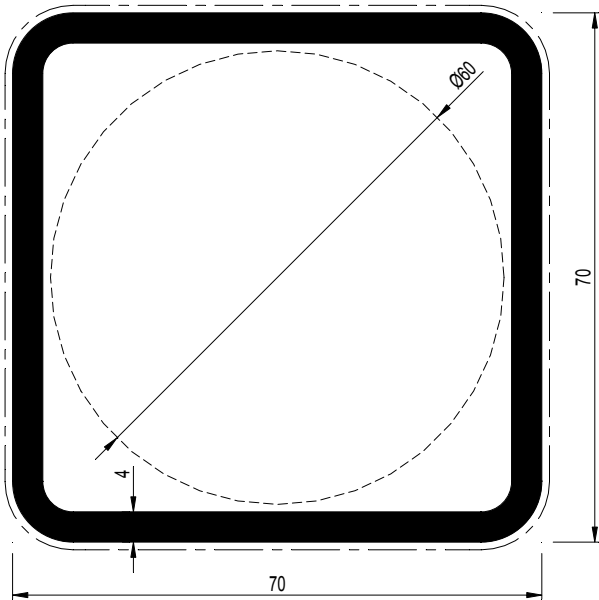
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.1752.XX	65.94	28.3	5.00	127.130	18.520	54.61	163.723	29.768	55.00	

017.1752.XX



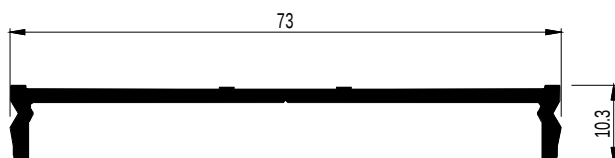
	 A dm ² /m	 P dm ² /m	 L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	
017.0748.XX	26.63	26.6	5.00	72.120	20.606	35.00	72.120	20.606	35.00	

017.0748.XX

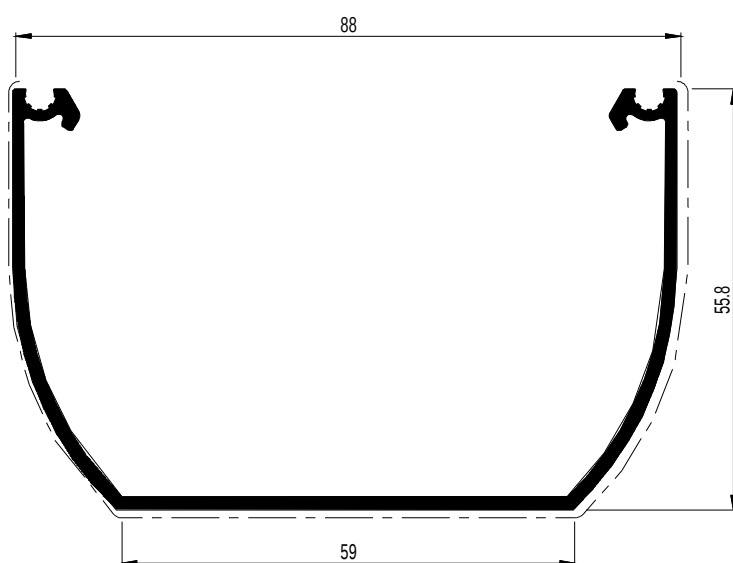


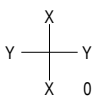
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
017.0805.00	18.25	-	7.00	0.082	0.104	7.91	10.135	2.776	36.50	X
017.0806.XX	39.93	18.0	7.00	13.275	3.775	20.63	40.471	9.198	44.00	0 Y

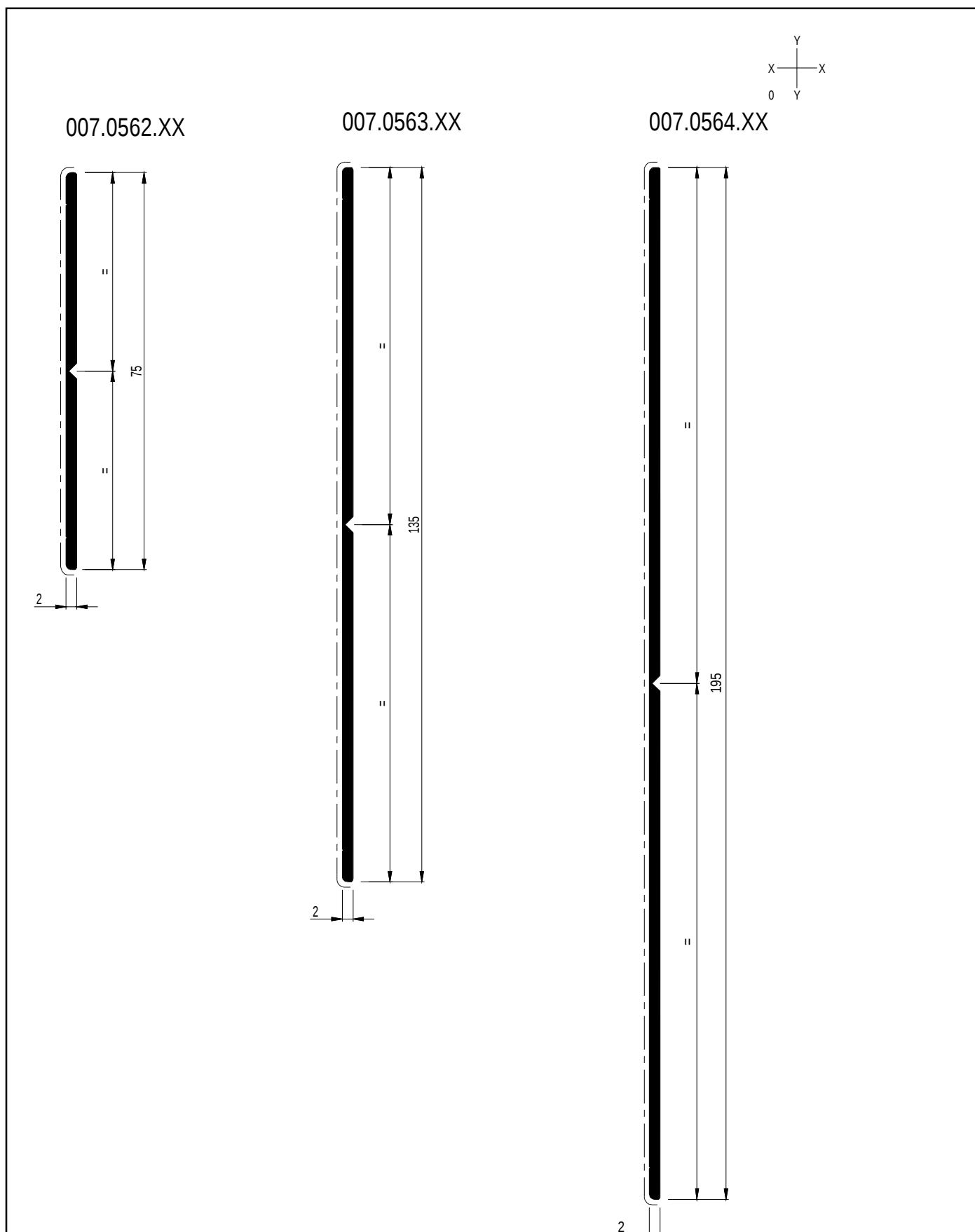
017.0805.00



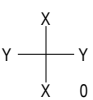
017.0806.XX



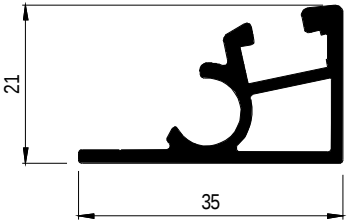
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0562.XX	15.43	7.9	7.00	-	-	-	-	-	-	
007.0563.XX	27.43	13.9	7.00	-	-	-	-	-	-	
007.0564.XX	39.43	19.9	7.00	0.013	0.128	1.00	123.006	12.616	97.50	

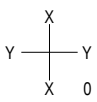




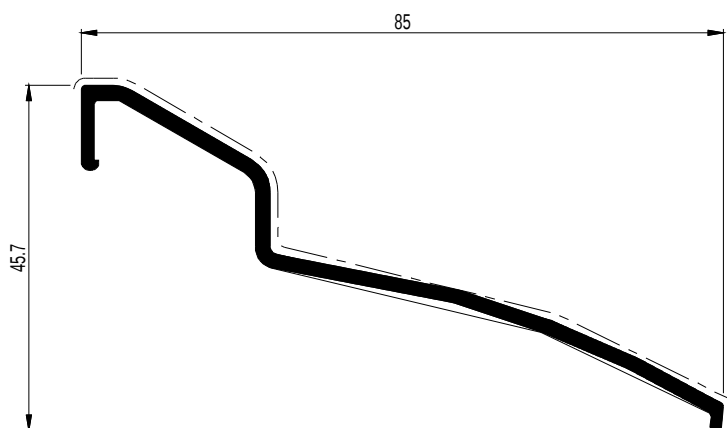
	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
007.0578.XX	14.18	2.2	7.00	1.463	0.636	11.99	0.755	0.575	7.79	

007.0578.XX

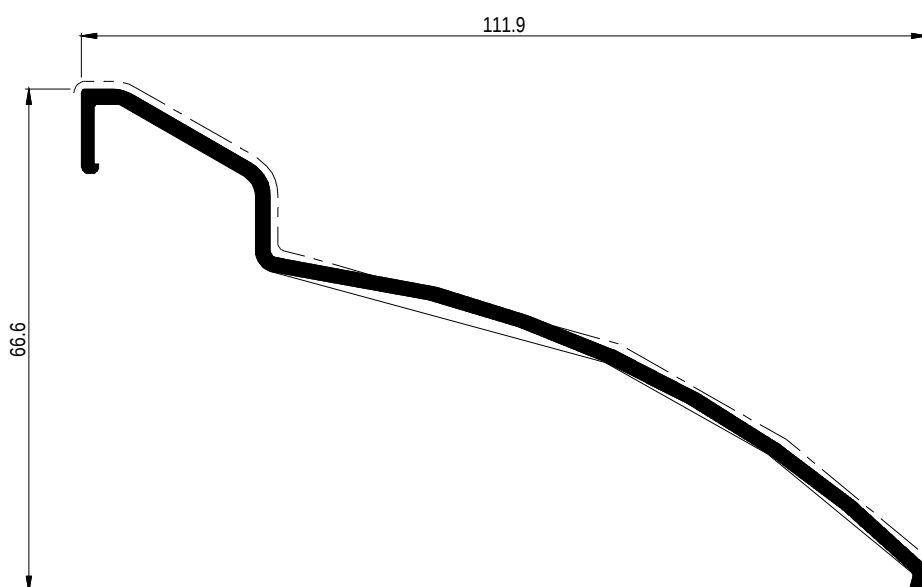


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0786.XX	22.87	10.7	7.00	14.758	3.165	46.63	3.615	1.521	23.77	
007.0787.XX	29.70	14.1	7.00	34.756	5.874	59.17	9.278	2.503	37.07	

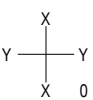
007.0786.XX

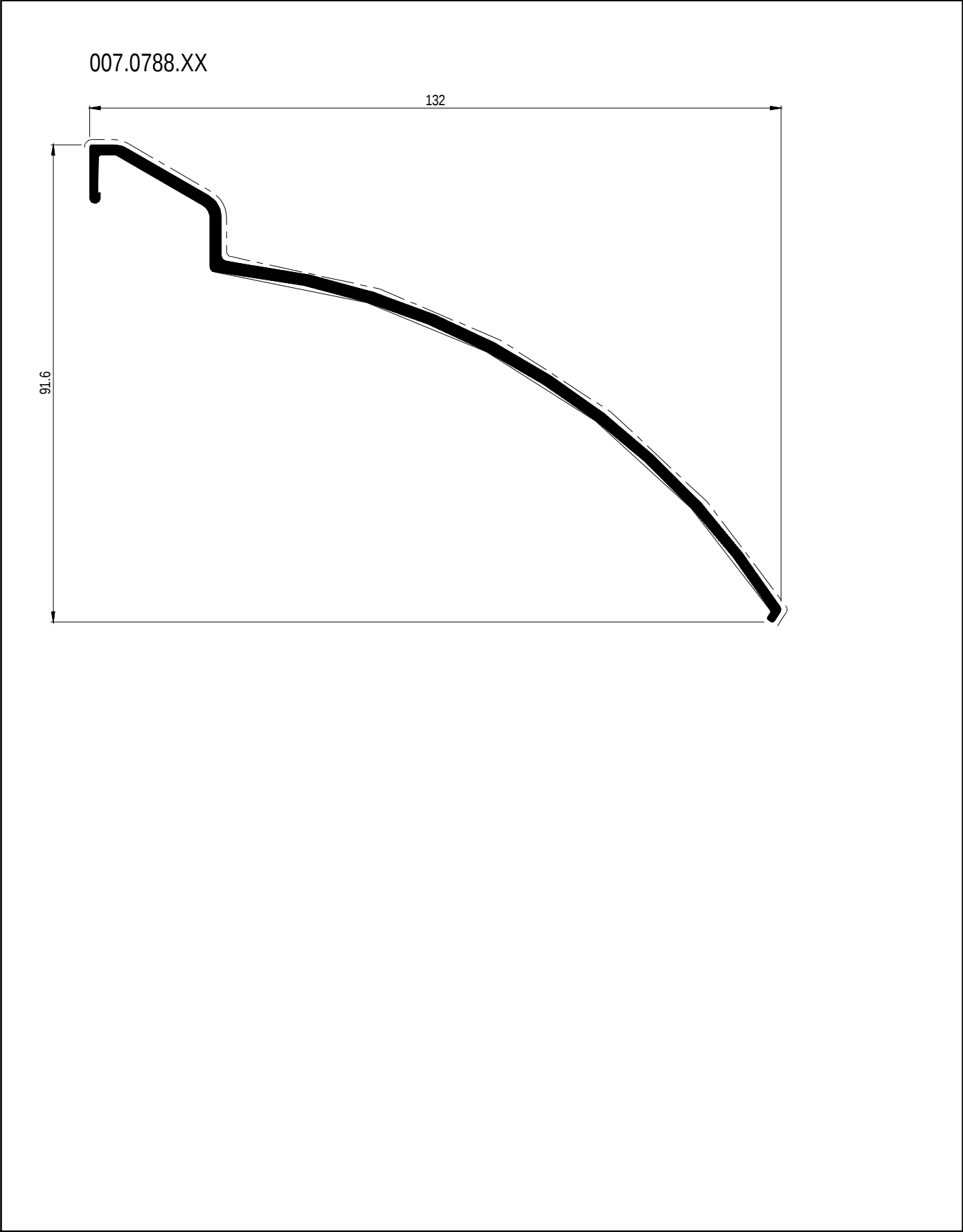


007.0787.XX



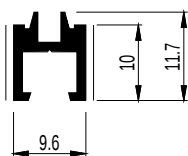


				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0788.XX	36.03	17.5	7.00	60.389	9.066	66.61	21.480	4.061	52.89	



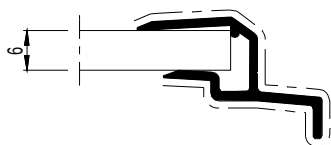
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
034.0618.XX	6.88	2.0	7.00	-	-	-	-	-	-	

034.0618.XX

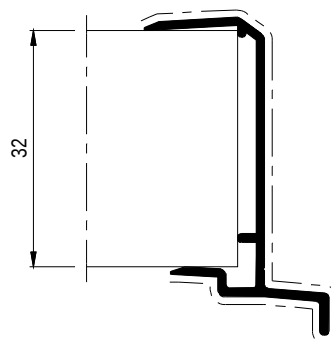


	A dm ² /m	P dm ² /m	L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	
017.0591.XX	10.26	6.5	6.30	0.116	0.127	9.15	0.222	0.165	11.06	
017.0592.XX	11.52	6.9	6.30	0.232	0.214	10.85	0.224	0.164	10.91	
017.0593.XX	12.72	7.5	6.30	0.493	0.372	13.25	0.226	0.164	10.74	
017.0594.XX	13.52	7.9	6.30	0.735	0.484	14.91	0.227	0.164	10.64	
017.0595.XX	15.92	9.1	6.30	1.829	0.832	20.09	0.230	0.163	10.41	
017.0596.XX	14.51	8.4	6.30	1.121	0.621	17.03	0.228	0.163	10.53	
017.0597.XX	17.51	10.0	6.30	2.904	1.099	23.66	0.232	0.163	10.28	

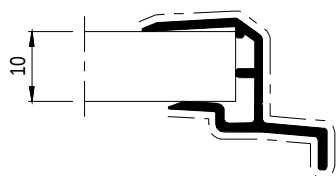
017.0591.XX



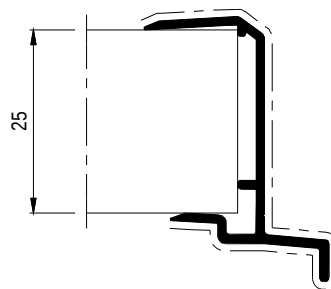
017.0595.XX



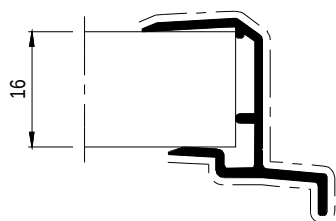
017.0592.XX



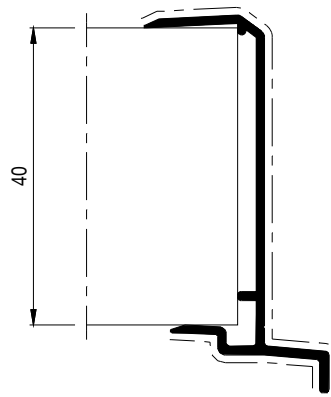
017.0596.XX



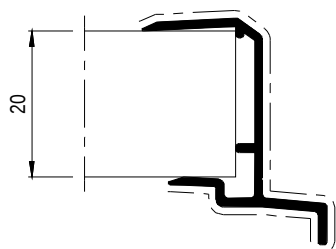
017.0593.XX

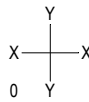


017.0597.XX

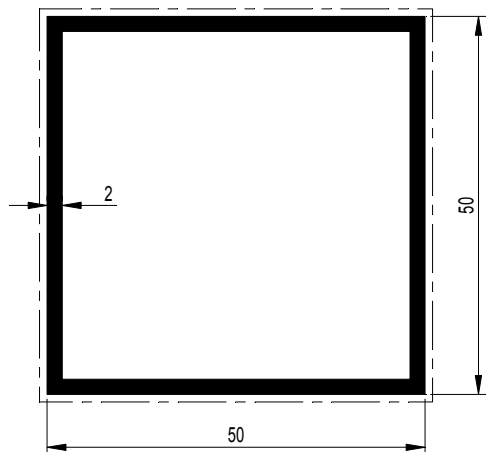


017.0594.XX

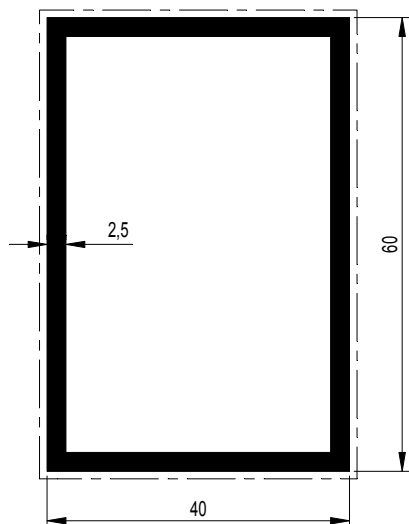


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
0A5.0502.XX	20.00	20.0	6.00	14.771	5.908	25.00	14.771	5.908	25.00	
0A6.0402.XX	20.00	20.0	7.00	23.474	7.825	30.00	12.349	6.174	20.00	

0A5.0502.XX

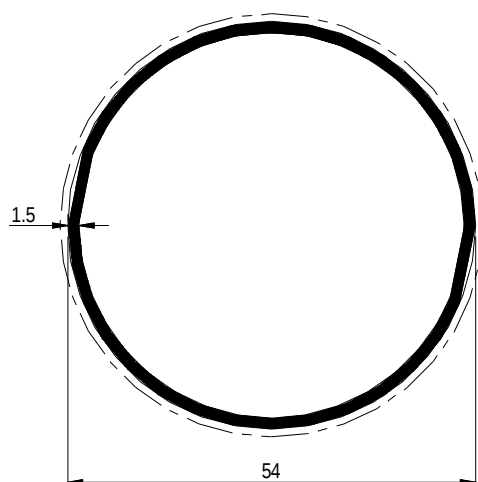


0A6.0402.XX



				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
0B0.5401.XX	16.97	17.0	6.00	8.530	3.159	27.00	8.530	3.159	27.00	

0B0.5401.XX



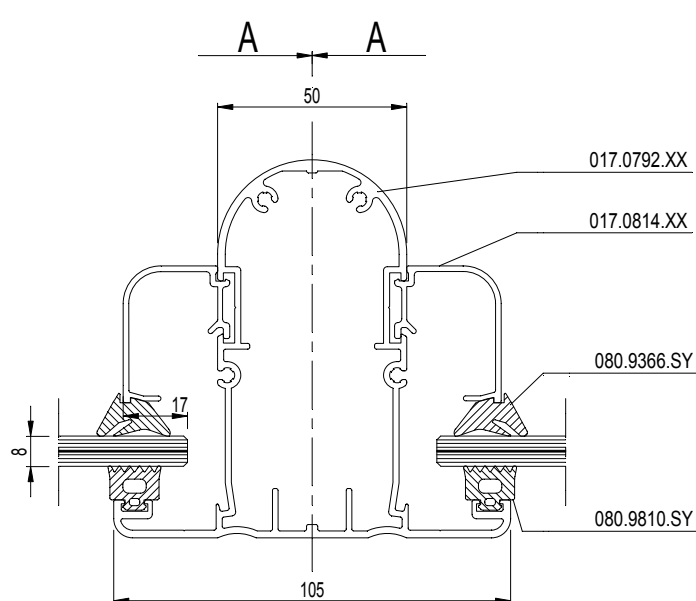
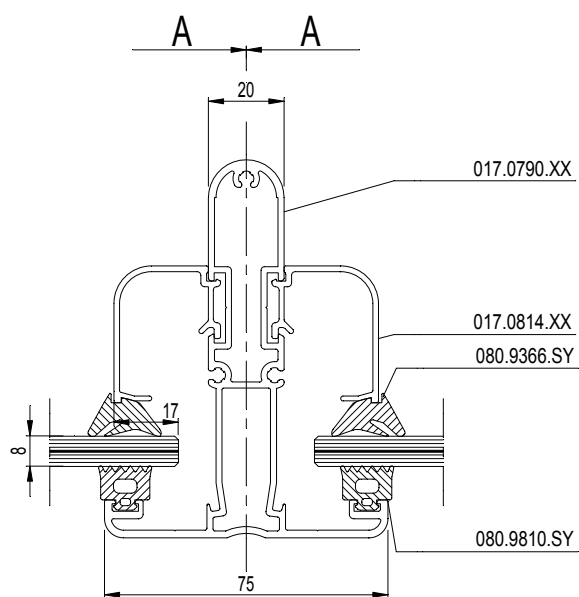
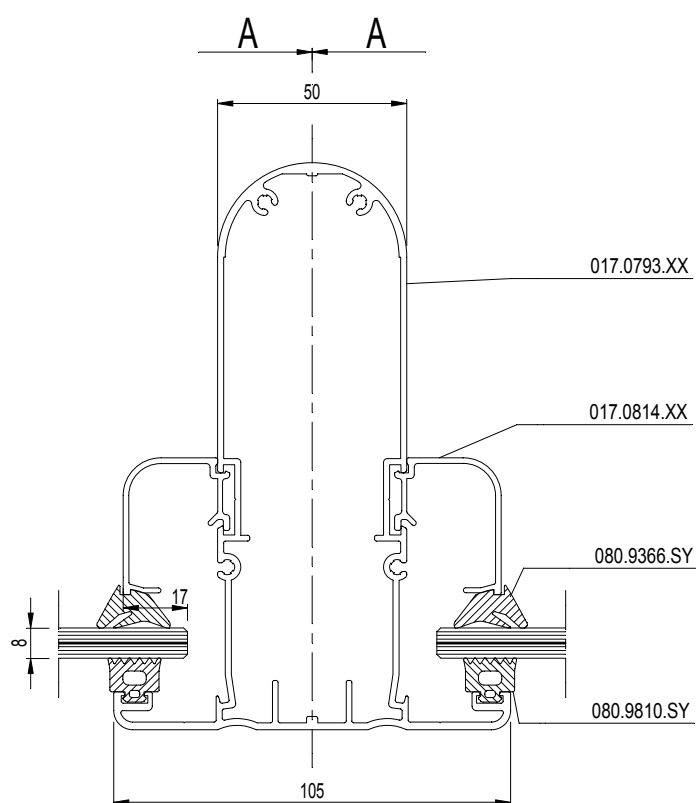
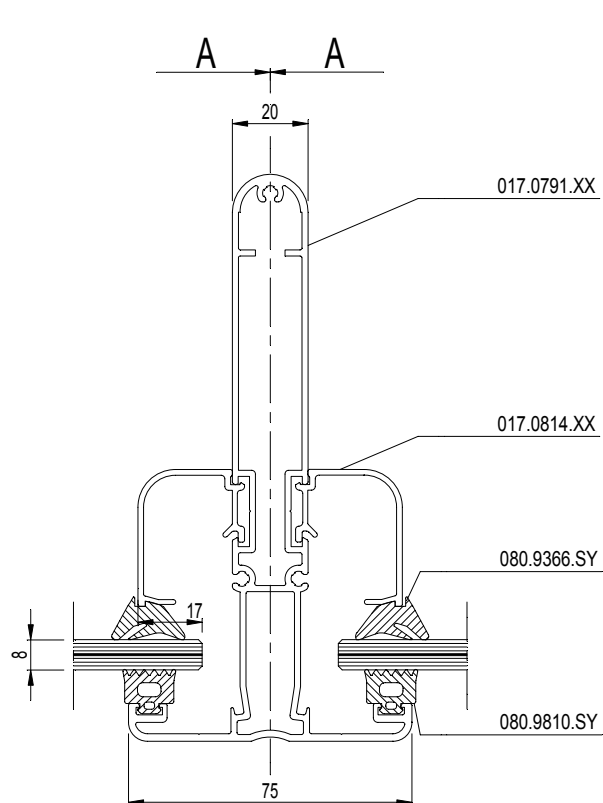
E

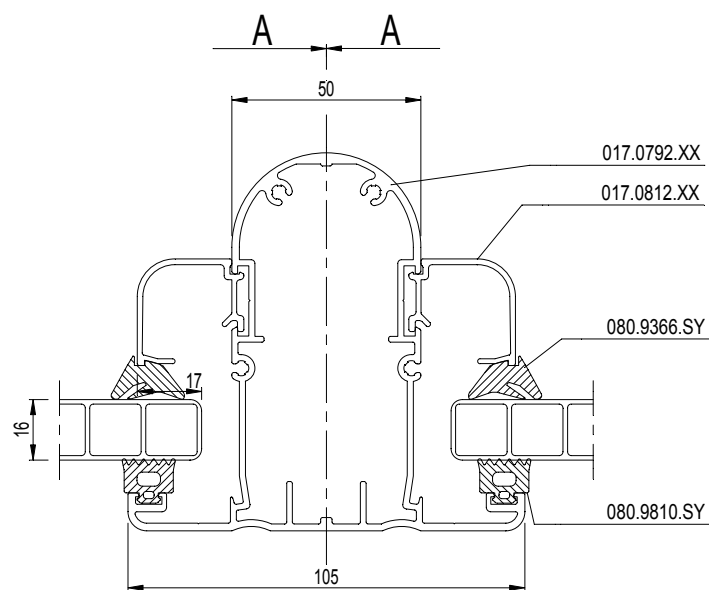
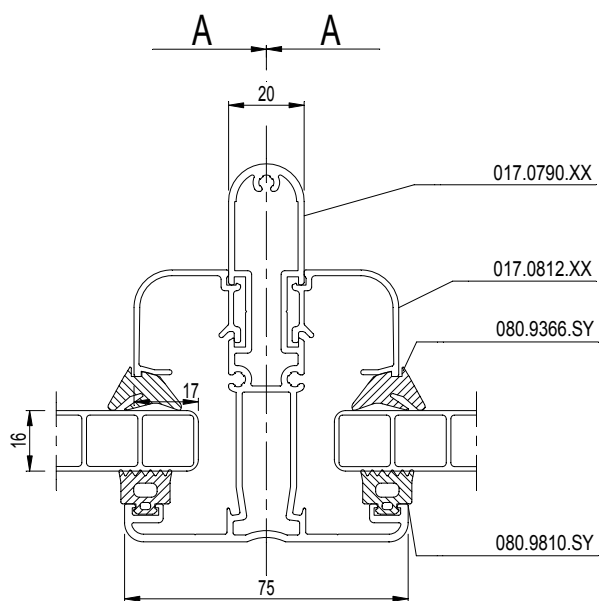
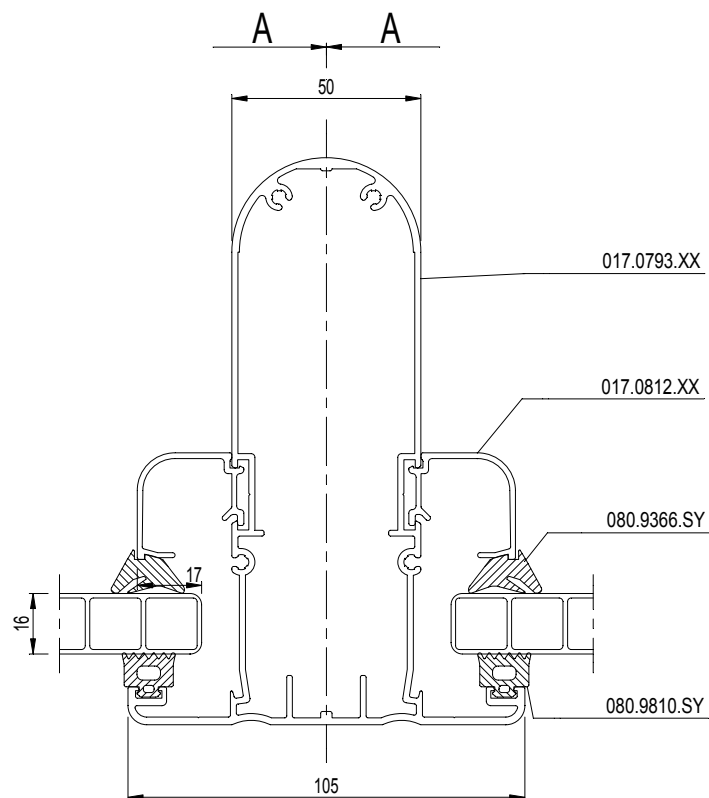
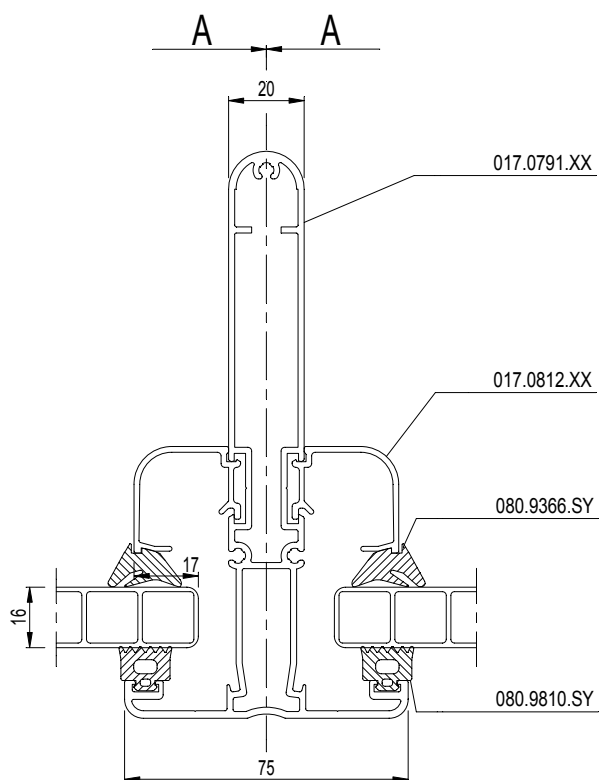
Werktekeningen

Coupes et débits

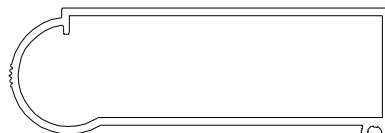
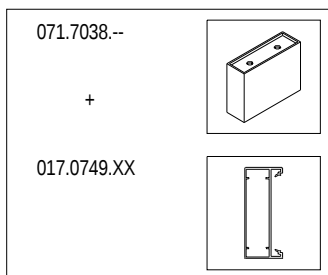
Work drawings

Werkzeichnungen



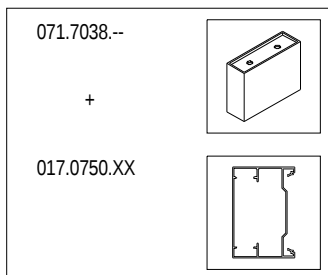


● 017.0774.XX



017.0774.XX
of-ou-or-oder
017.0780.XX + 017.0778.XX

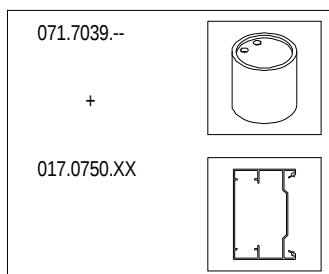
● 017.0780.XX + 017.0778.XX



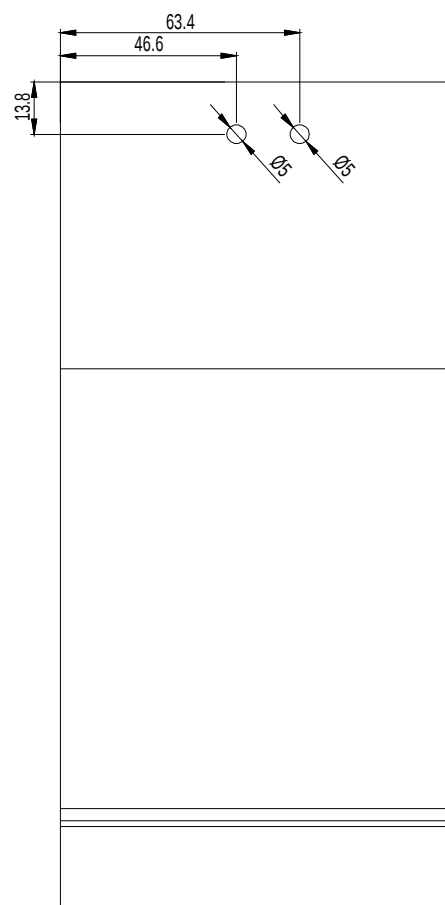
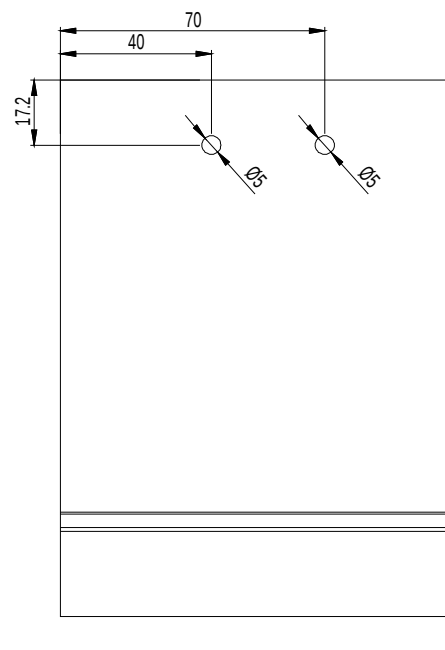
017.0780.XX

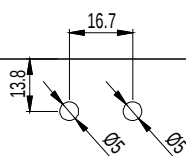
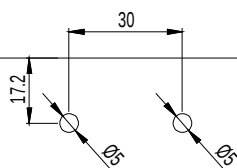


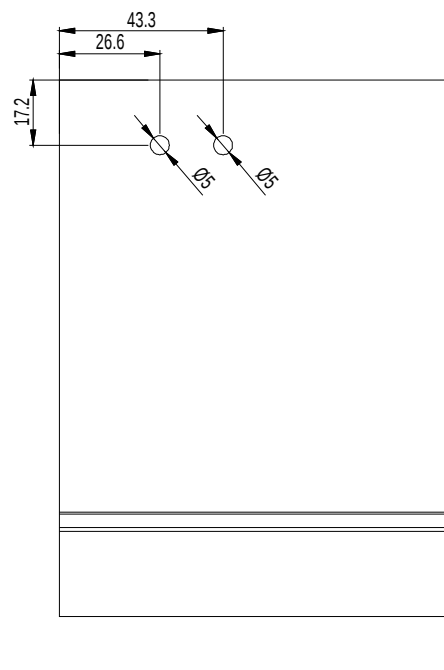
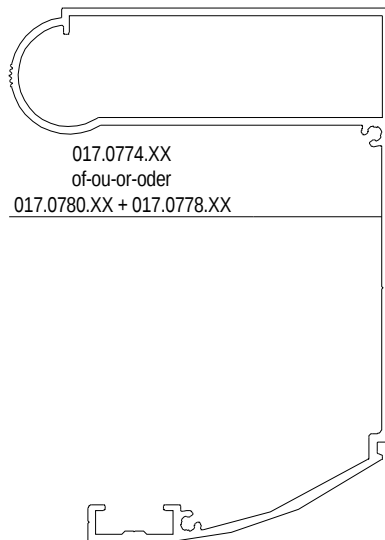
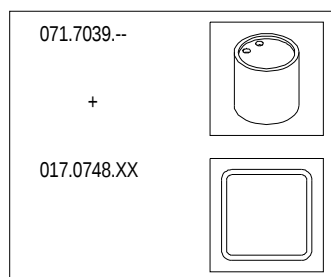
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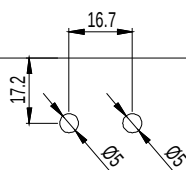


017.0778.XX

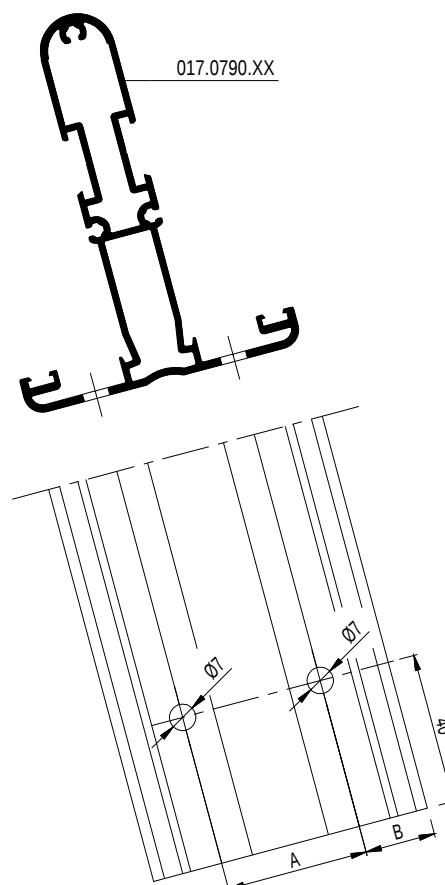
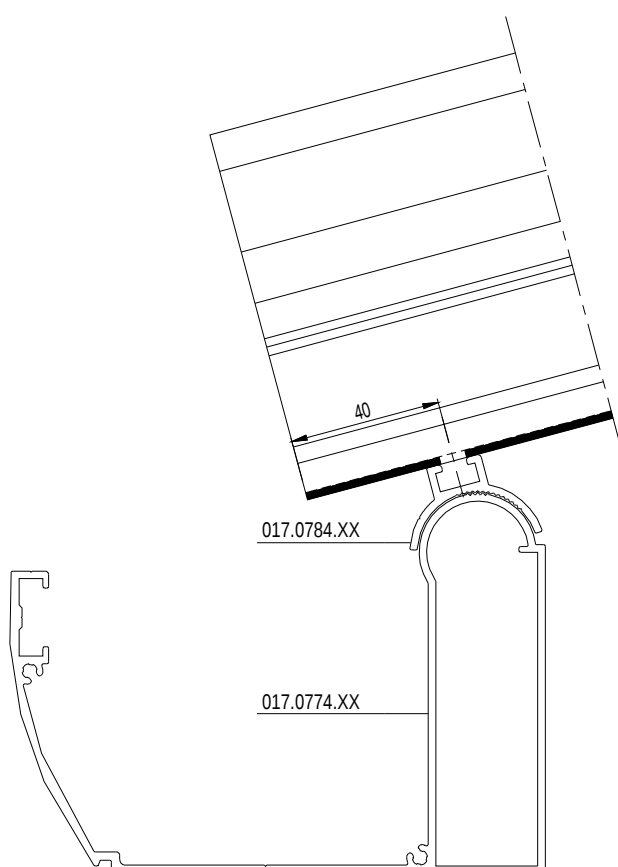


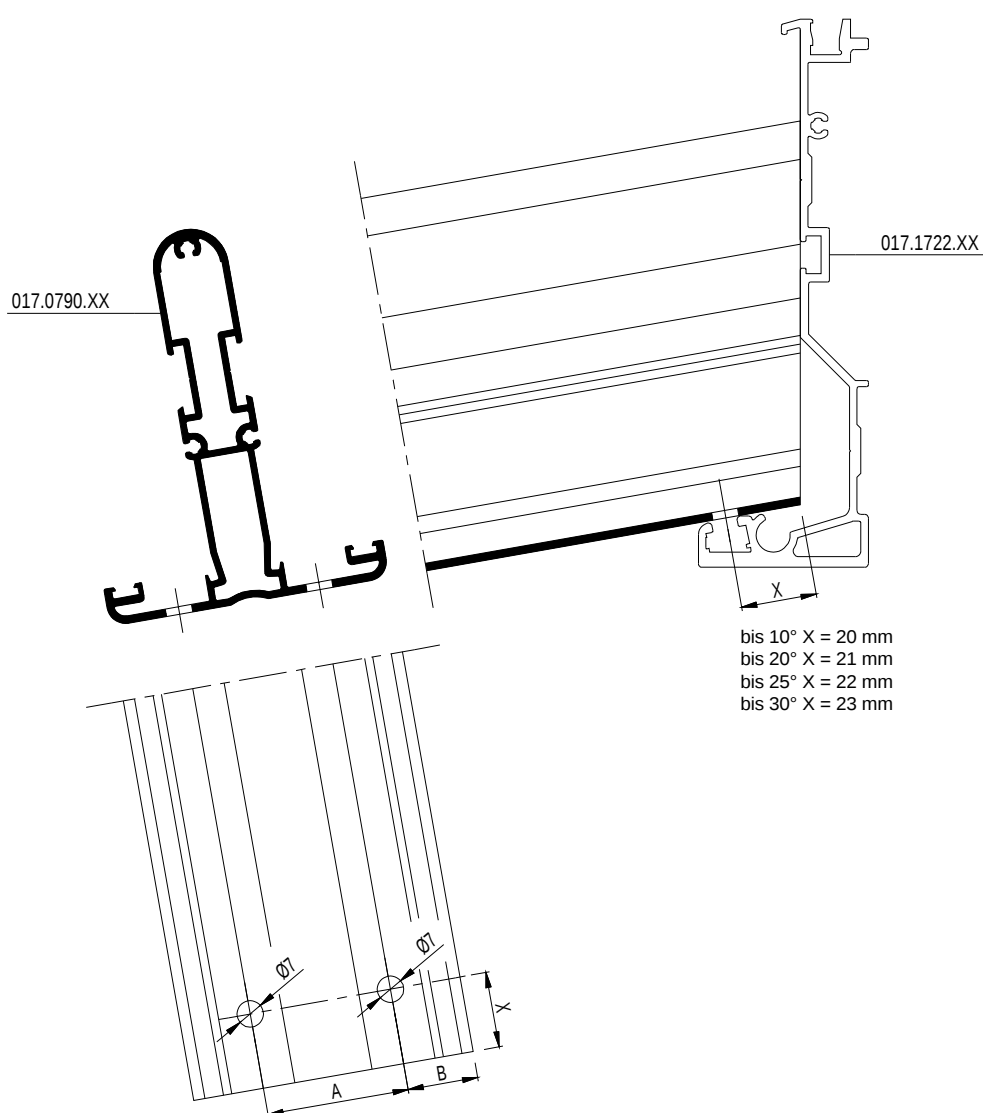




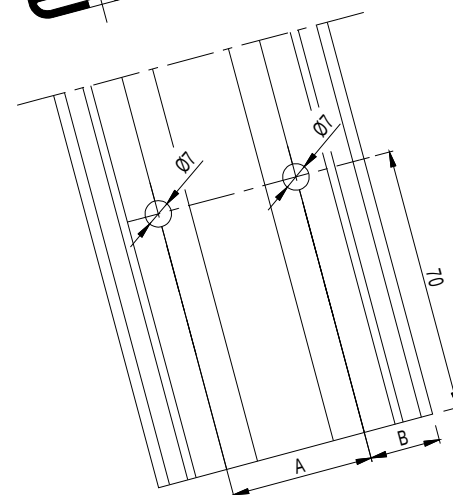
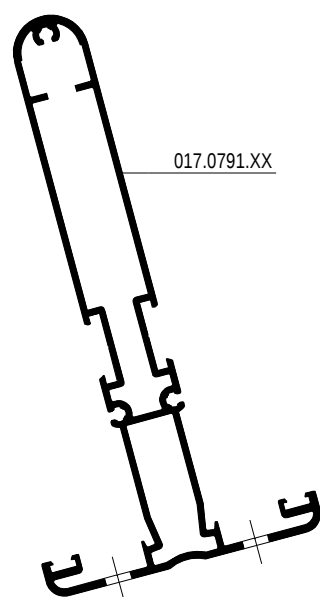
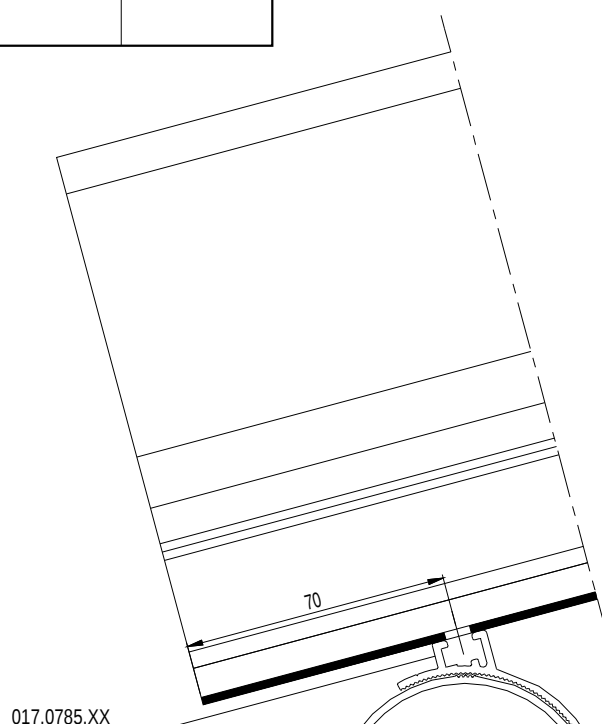


	A	B
017.0790.XX	37.7	18.7
017.0792.XX	67.7	
017.0794.XX	-	
017.0796.XX		

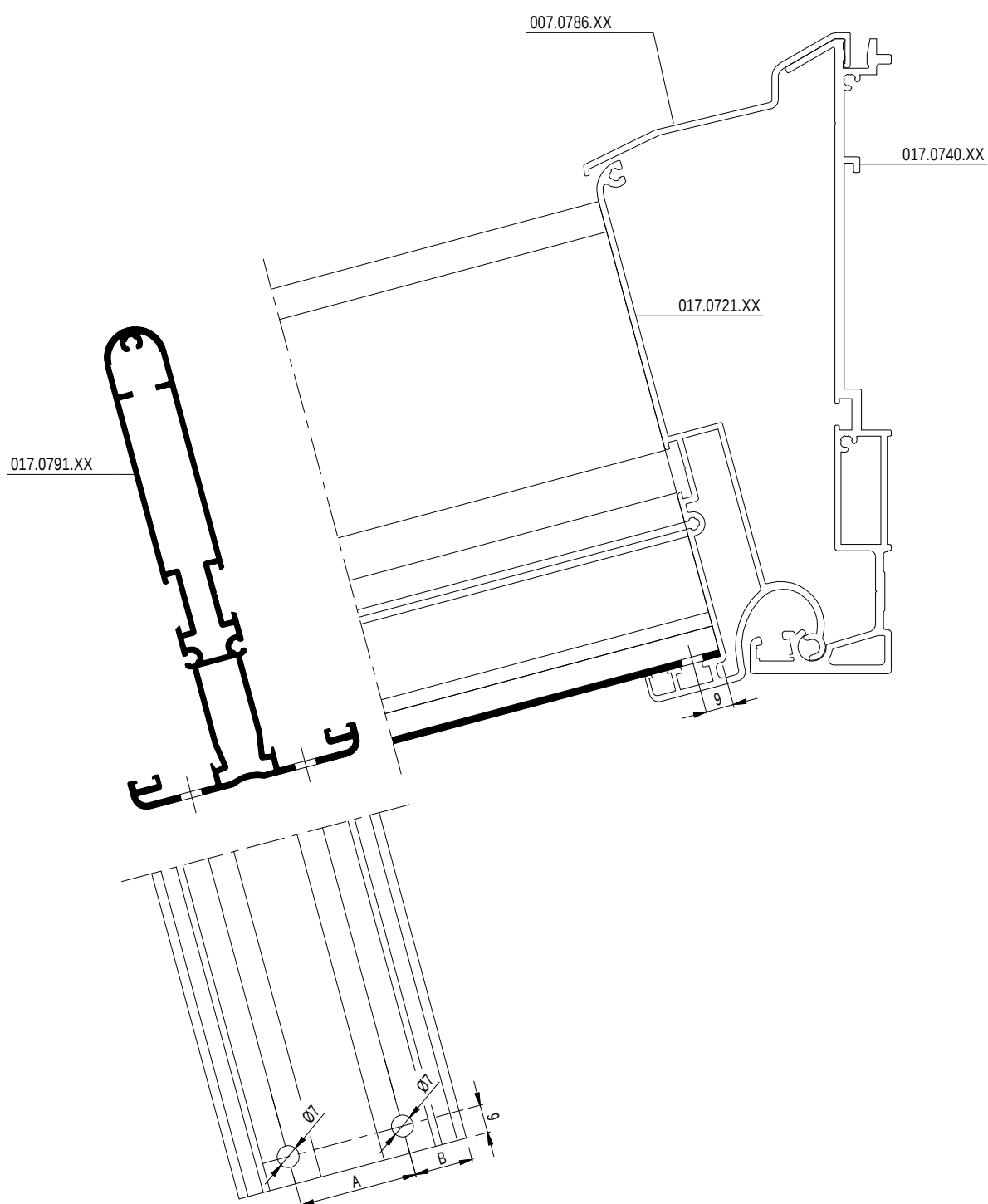


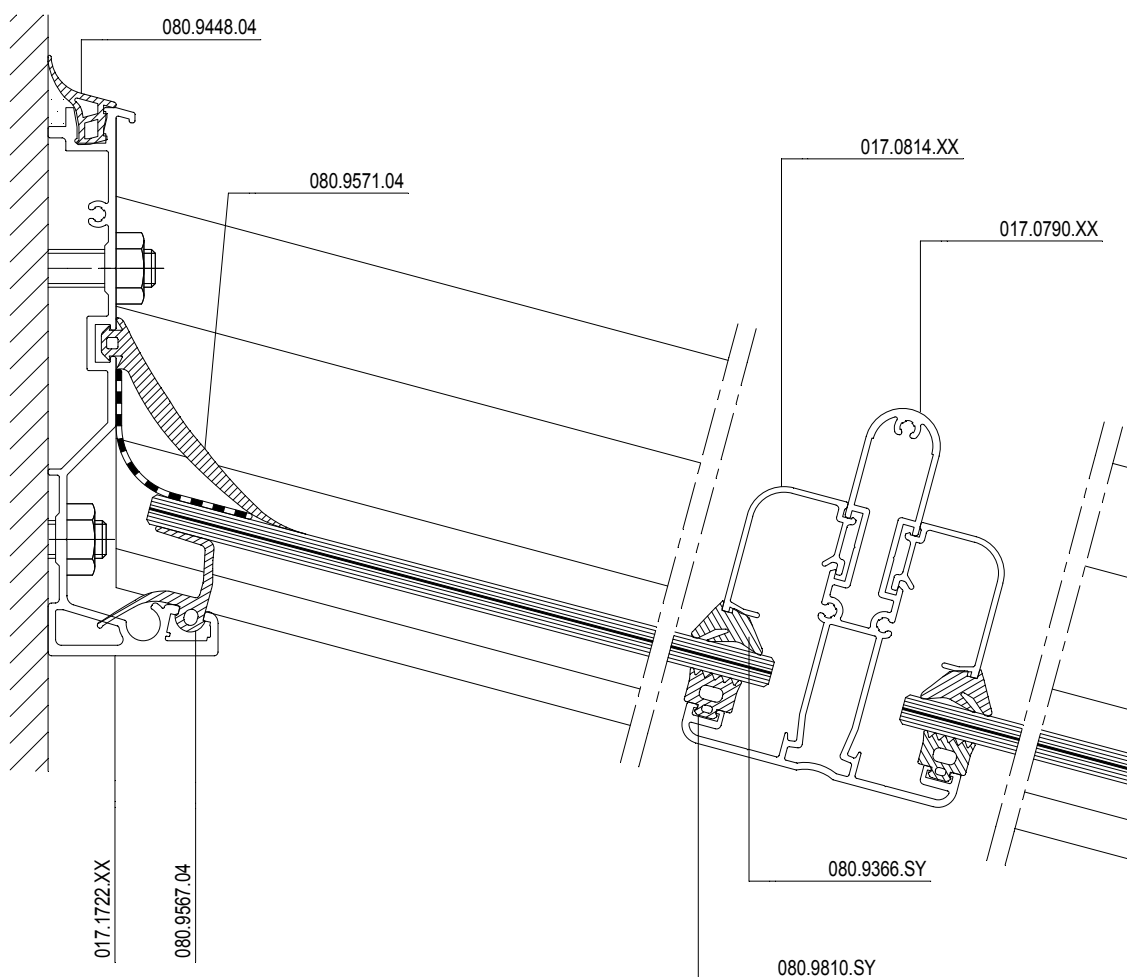


	A	B
017.0791.XX	37.7	18.7
017.0793.XX	67.7	
017.0795.XX	-	
017.0797.XX		
007.0360.XX + 007.0361.XX	111.2	

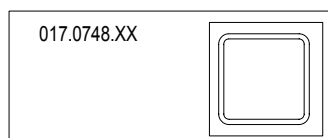


017.0780.XX

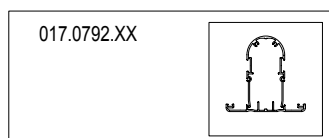




 017.0749.XX + 017.0751.XX



 017.0790.XX



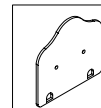
schaal - échelle
scale - Maßstab
1/2
D0061305



$$5^{\circ} < \alpha < 30^{\circ}$$

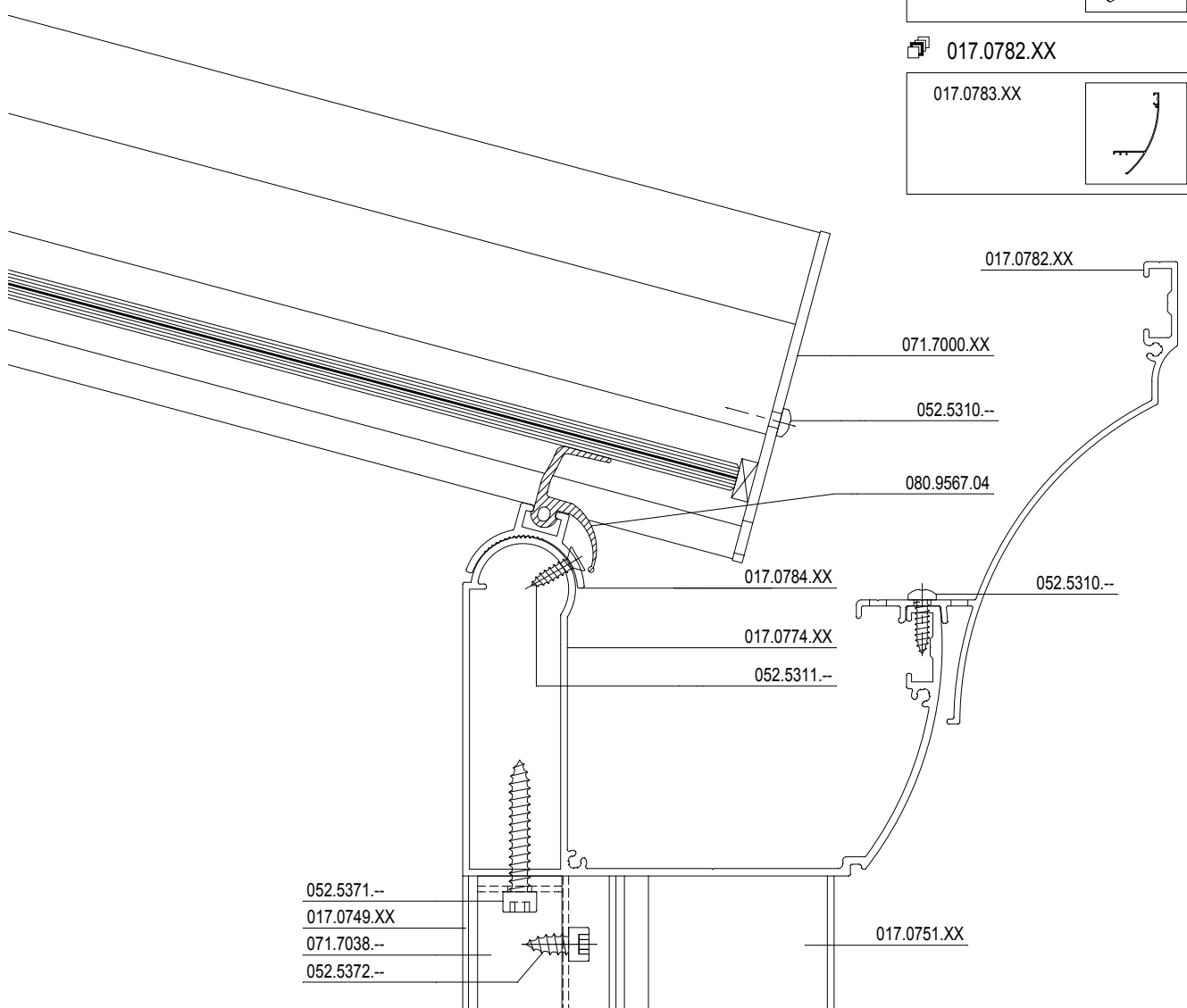
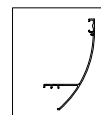
 071.7000.XX

071.7002.XX



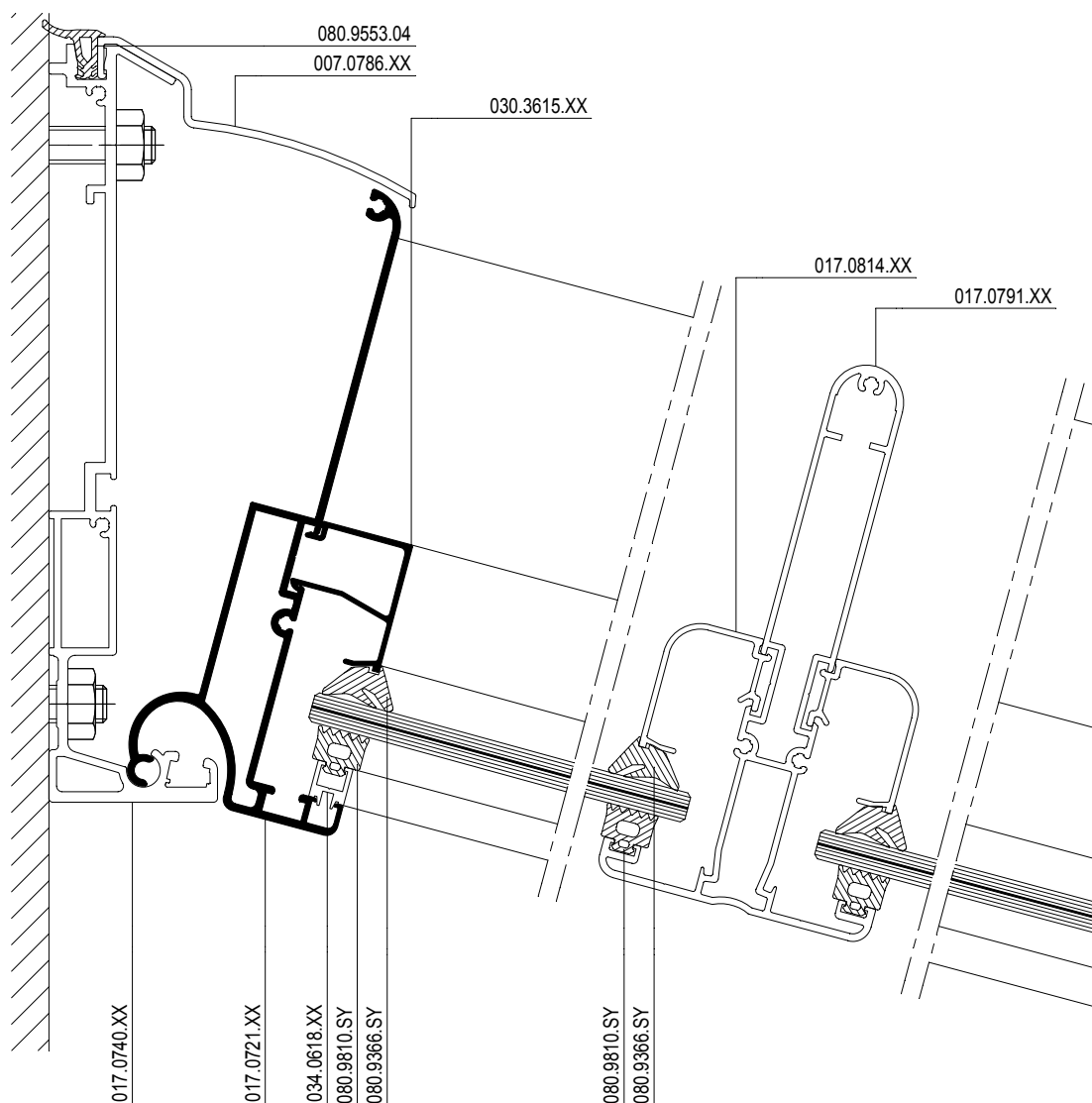
 017.0782.XX

017.0783.XX



schaal - échelle
scale - Maßstab
1/2

D0061305



017.0791.XX

017.0793.XX	
017.0792.XX	
017.0790.XX	

007.0786.XX

007.0787.XX	
007.0788.XX	

017.0749.XX + 017.0751.XX

017.0748.XX	
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schaal - échelle
scale - Maßstab
1/2

D0061306



$$5^{\circ} < \alpha < 40^{\circ}$$

 071.7001.XX

071.7003.XX



 017.0782.XX

017.0783.XX



017.0782.XX

071.7001.XX

052.5310.--

080.9567.04

017.0784.XX

017.0774.XX

052.5311.--

052.5310.--

052.5371.--

017.0749.XX

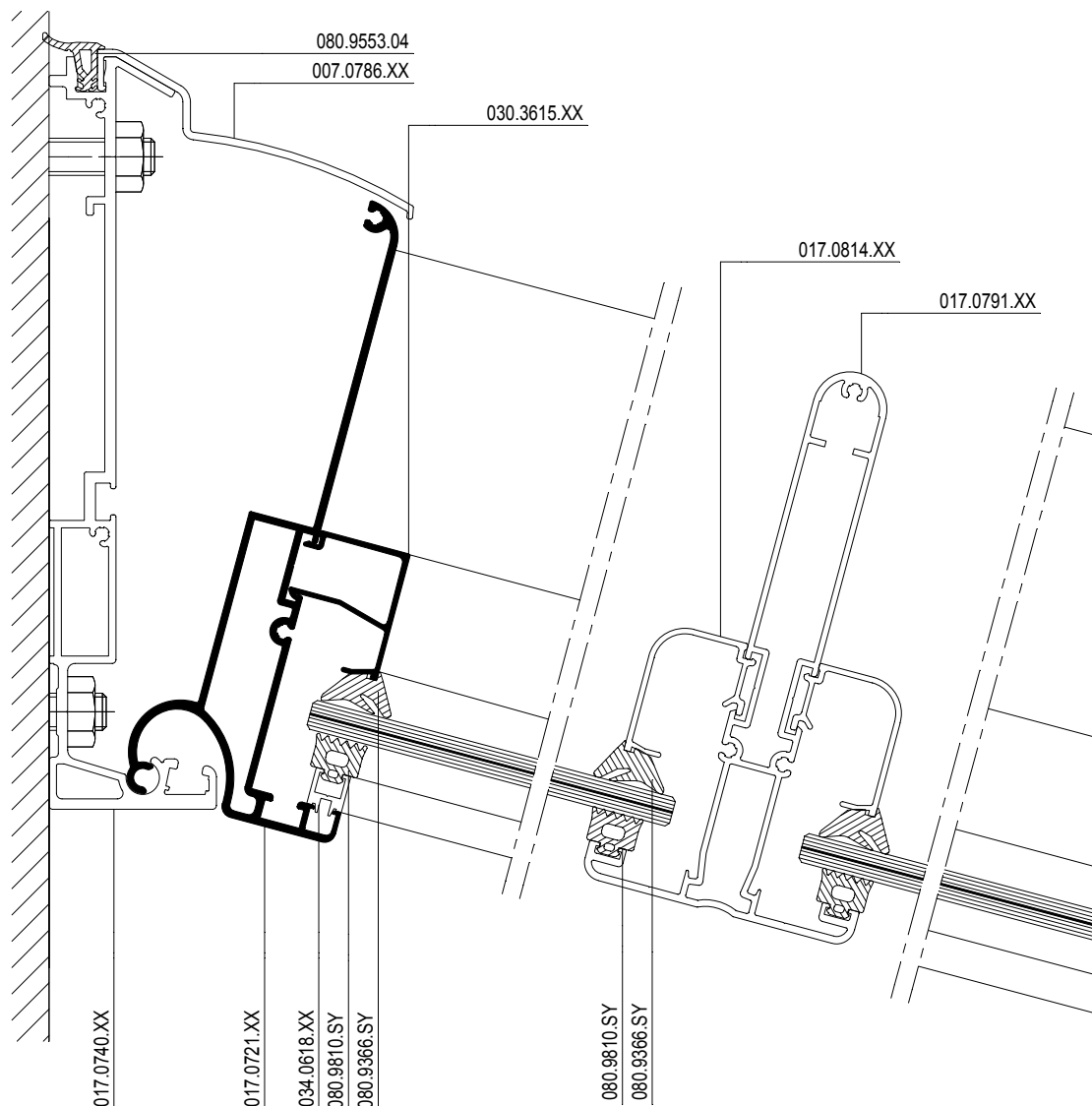
071.7038.--

052.5372.--

017.0751.XX

schaal - échelle
scale - Maßstab
1/2

D0061306



017.0791.XX

017.0793.XX	
017.0792.XX	
017.0790.XX	

007.0786.XX

007.0787.XX	
007.0788.XX	

017.0750.XX + 017.0752.XX

017.0748.XX	
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schaal - échelle
scale - Maßstab
1/2

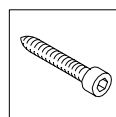
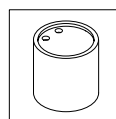
D0061307

017.0750.XX + 017.0752.XX

071.7039.--

+

053.5471.--



$5^\circ < \alpha < 40^\circ$

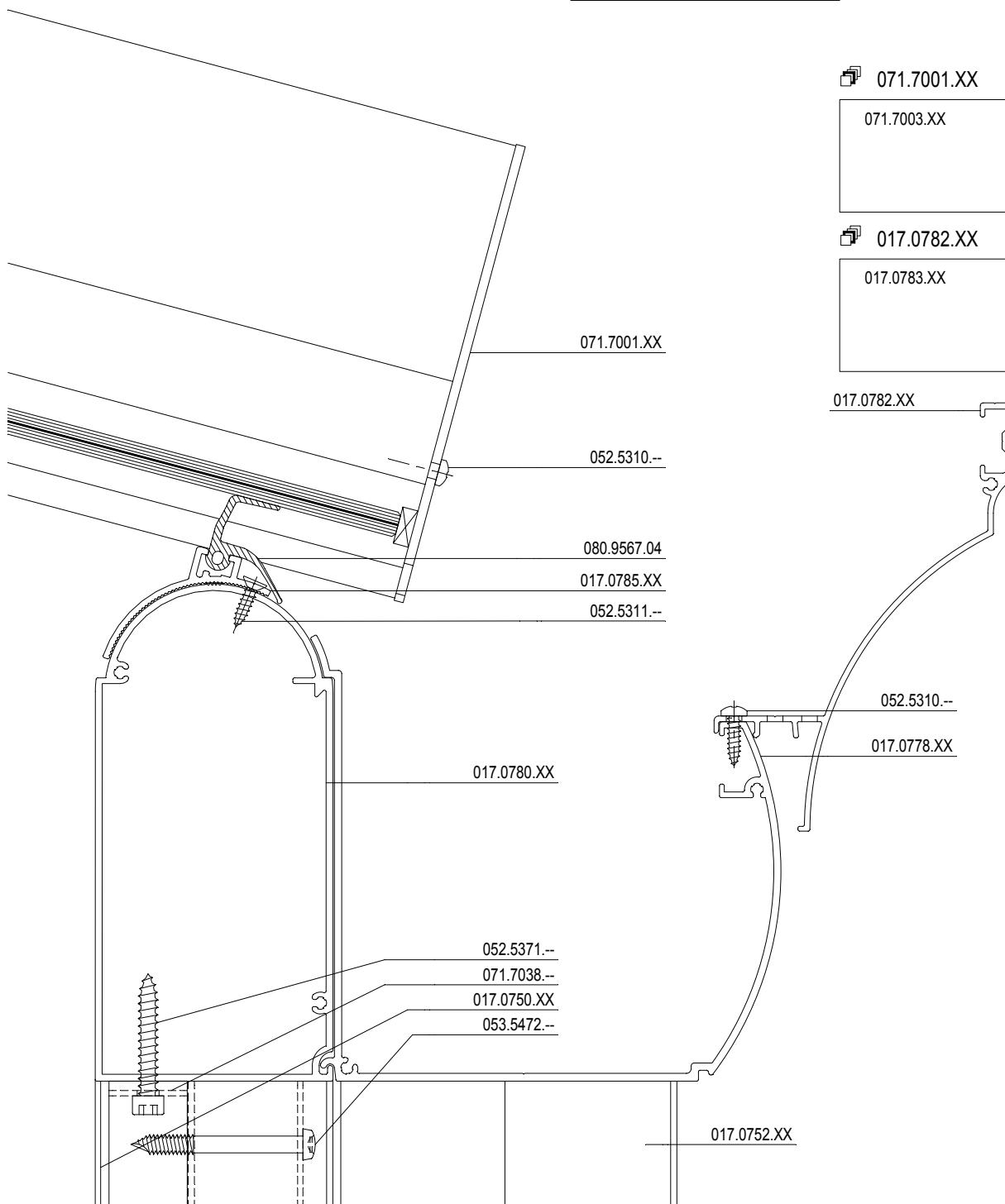
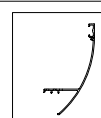
071.7001.XX

071.7003.XX



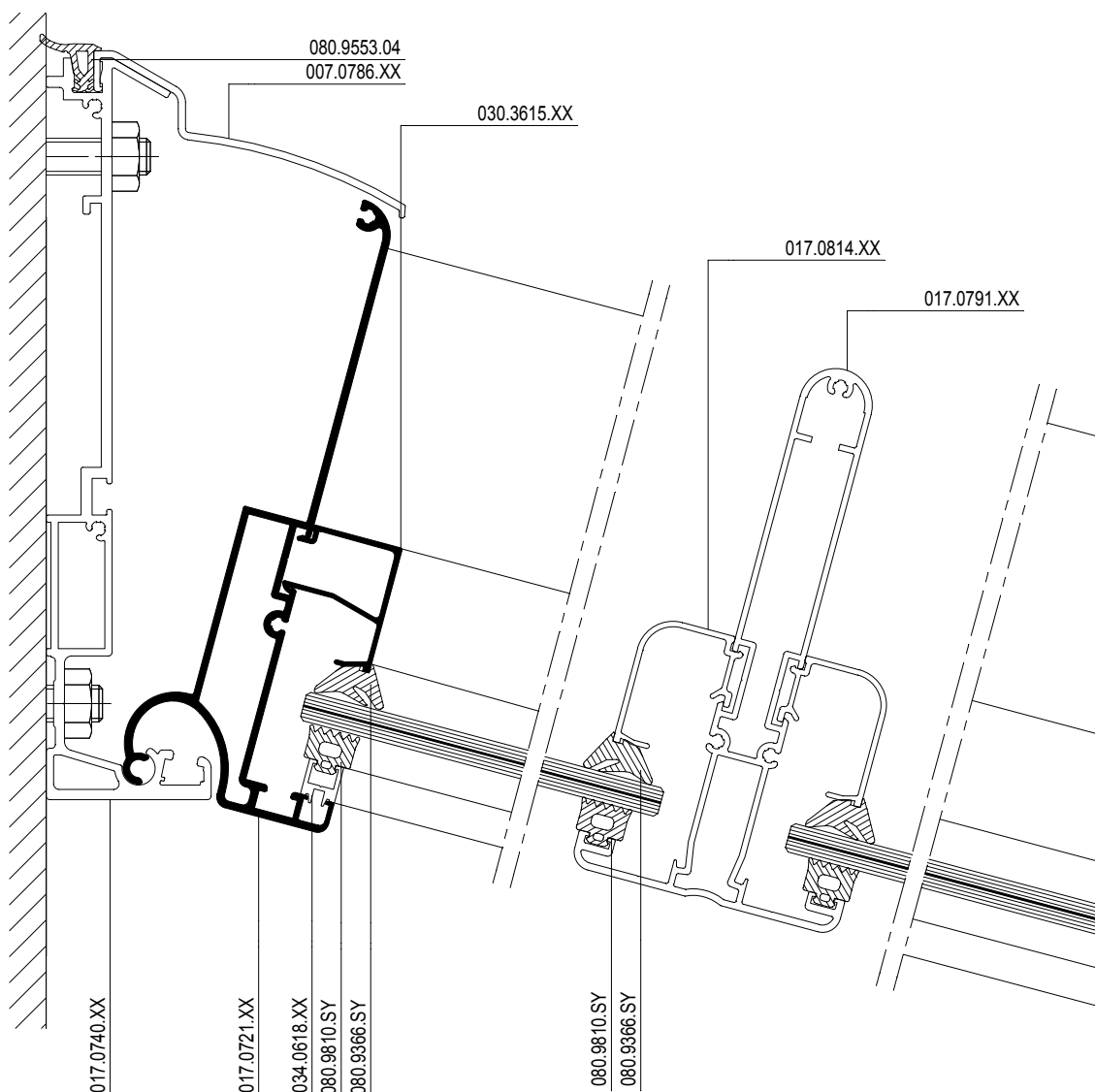
017.0782.XX

017.0783.XX

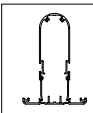
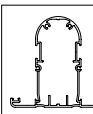
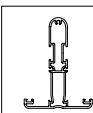


schaal - échelle
scale - Maßstab
1/2

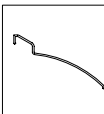
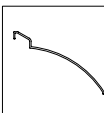
D0061307



 017.0791.XX

017.0793.XX	
017.0792.XX	
017.0790.XX	

 007.0786.XX

007.0787.XX	
007.0788.XX	

schaal - échelle
scale - Maßstab
1/2

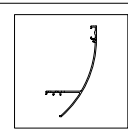
D0061308



$$5^{\circ} < \alpha < 40^{\circ}$$

017.0782.XX

017.0783.XX



071.7001.XX

052.5310.--

017.0782.XX

052.5310.--

071.6330.XX

052.5310.--

080.9567.04

052.5311.--

017.0785.XX

017.0780.XX

052.5371.--

017.0778.XX

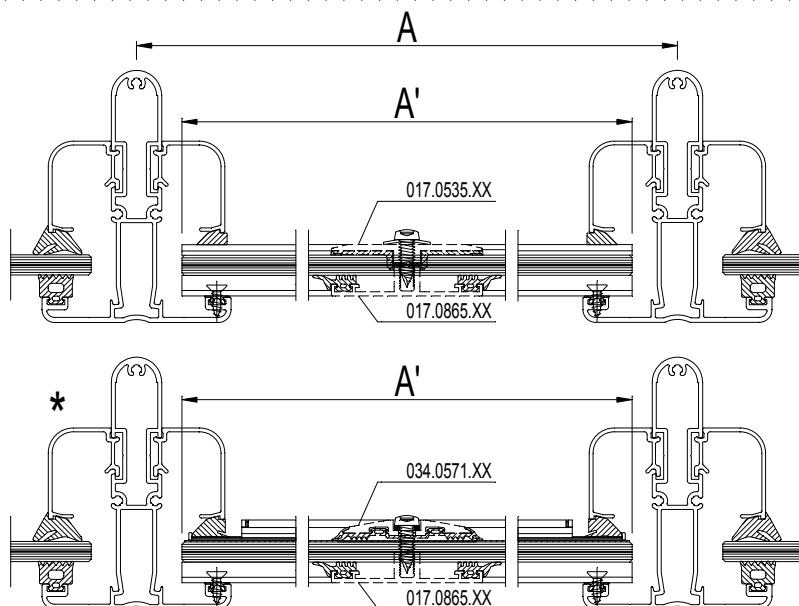
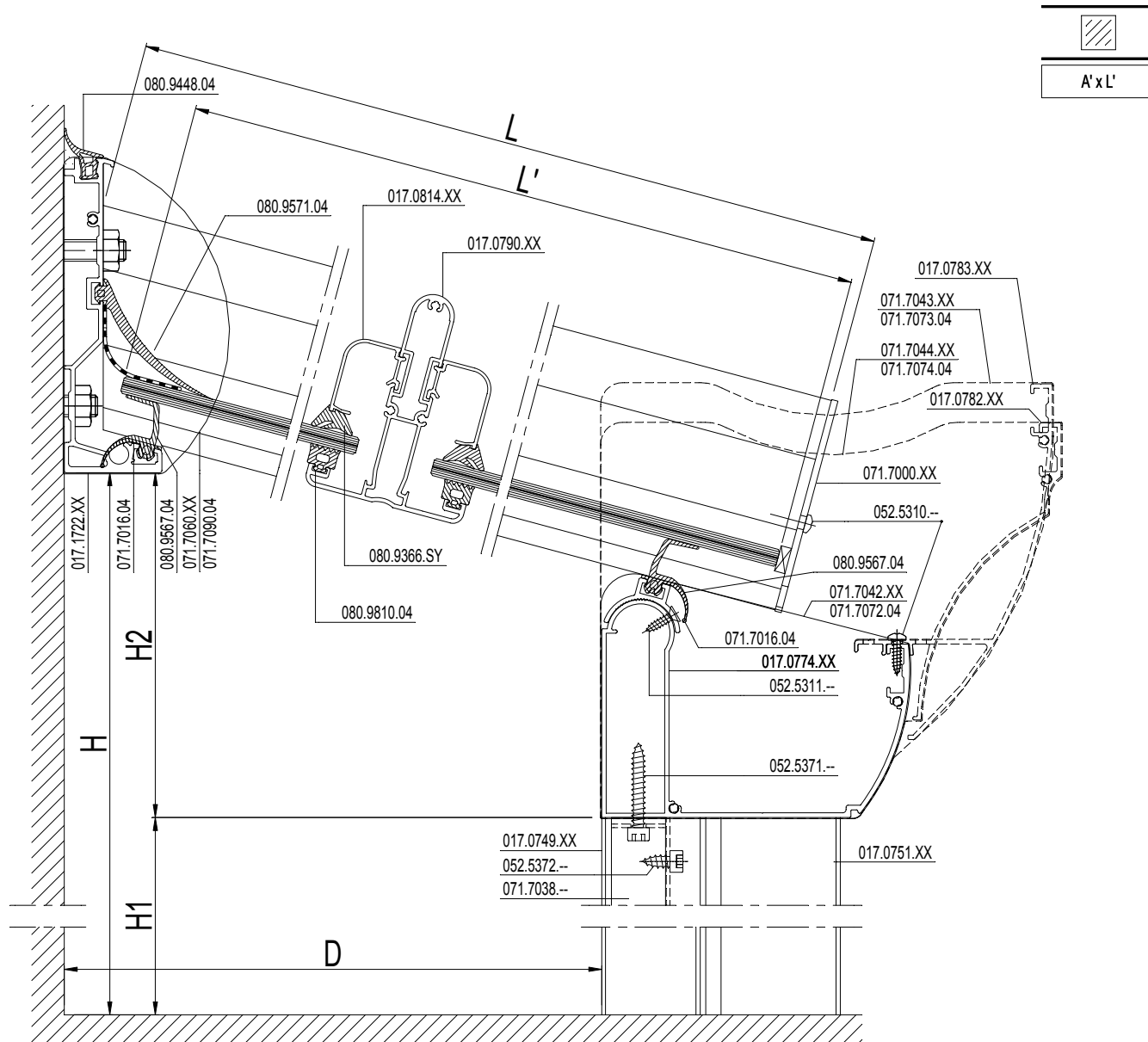
052.5372.--

017.0748.XX

071.7039.--

schaal - échelle
scale - Maßstab
1/2

D0061308



	A'
017.0790.XX 017.0791.XX	A - 36
017.0792.XX 017.0793.XX	A - 66
017.0794.XX 017.0795.XX + 017.0790.XX 017.0796.XX + 017.0791.XX 017.0797.XX	A - 51
017.0794.XX 017.0795.XX + 017.0792.XX 017.0796.XX + 017.0793.XX 017.0797.XX	A - 66

$$X = H_2 - 113.5$$

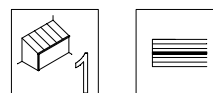
$$Y = D - 20$$

$$\varphi = \operatorname{tg}^{-1} \left(\frac{-Y}{X} \right)$$

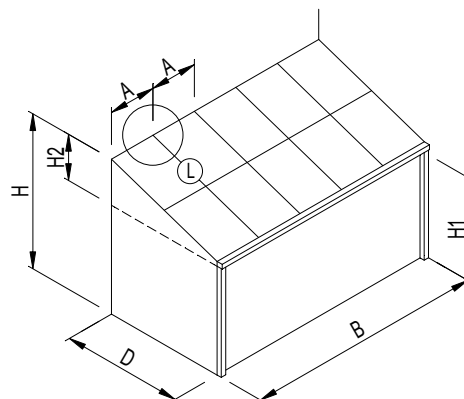
$$\alpha = \cos^{-1} \left(\frac{24.8 \cdot \cos \varphi}{X} \right) + \varphi$$

$$L = \operatorname{tg} \alpha \cdot H_{\text{prof}} + \frac{D - 0.1}{\cos \alpha} + 24.8 \cdot \operatorname{tg} \alpha + 40$$

$$L' = L - \operatorname{tg} \alpha \cdot H_{\text{prof}} - 8$$



$$5^\circ < \alpha < 30^\circ$$



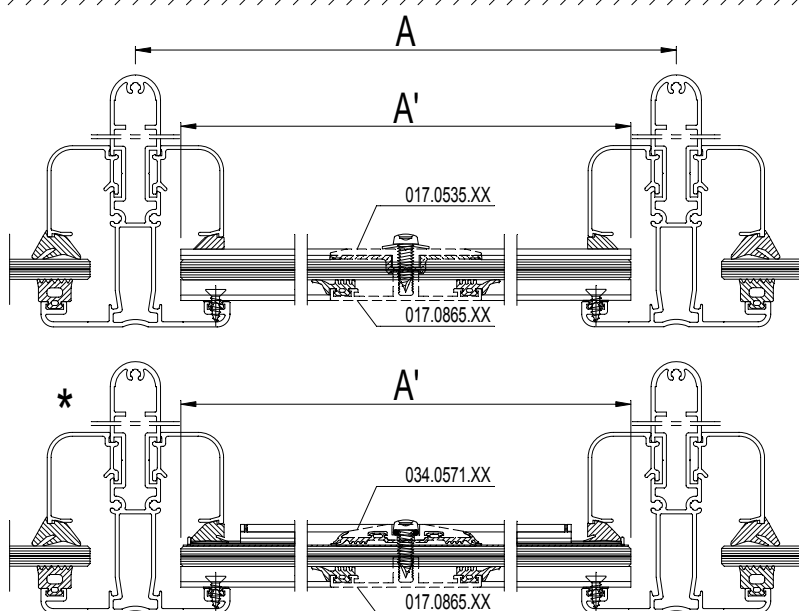
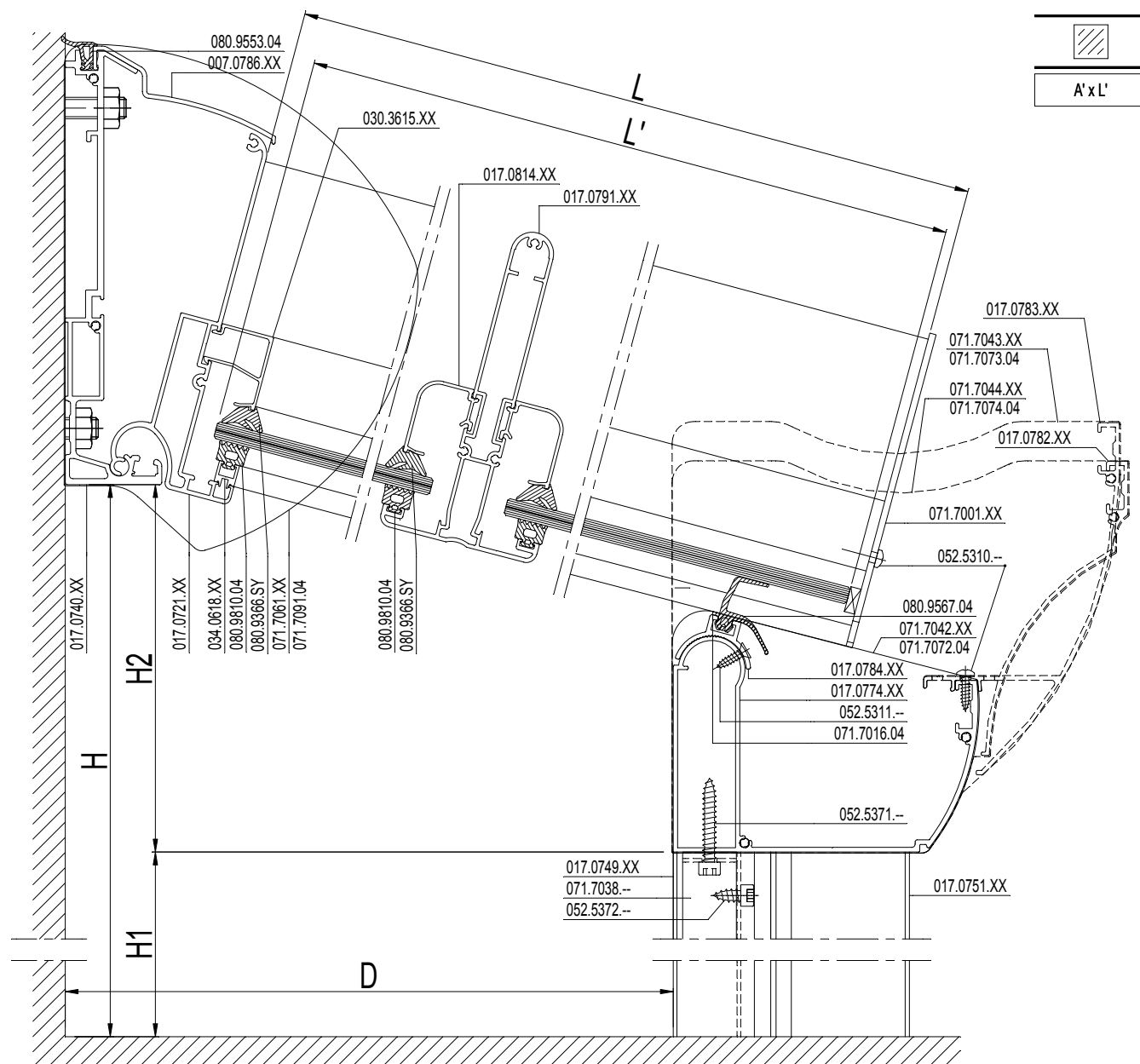
n = # Liggers (017.0790.XX)
Chevrons (017.0790.XX)
Rafter (017.0790.XX)
Dachsparren (017.0790.XX)

* = VARIANT / VARIANTE

!  ≥ 8 mm

		#	
071.7000.XX		n	45.G...
052.5310.--		2 x n	
071.7006.XX		1	45.G...
052.5310.--		4	
071.7038.--		2	45.G...
052.5371.--		4	
052.5372.--		4	
071.7060.XX		2	45.G...
071.7090.04		1	
052.5310.--		4	
071.7042.XX		2	45.G...
071.7072.04		1	
052.5310.--		4	
050.5395.--		4n + 4	45.G...
054.5440.--		4n + 4	
050.5381.--		4n + 4	
052.5310.--		1/300mm	45.G...
052.5311.--		1/300mm	45.G...
052.5312.--		4 x (n + 1)	45.G...
071.7016.04		2 x n	45.G...
071.7017.04		2	
080.9448.04		B	45.G...
080.9567.04		2 x B	45.G...
080.9571.04		B	45.G...
080.9366.SY		(2 x L') (n + 1)	45.G...
080.9810.SY		(2 x L') (n + 1)	45.G...
080.9540.04		(A' x 2) (n + 1)	45.G...
080.9900.04		2 x (n + 1)	45.G...
! 080.9980.SY		A' x (n + 1)	45.G...
* 080.9711.04		A' x (n + 1)	45.G...
* 080.9744.04		(A' - 90) (n + 1)	45.G...
* 073.8272.04		2 x (n + 1)	45.G...

			#		
017.1722.XX			1	B	45.C....
017.0790.XX			n	L	45.C....
017.0796.XX			2	L	45.C....
017.0814.XX			2n + 2	L	45.C....
017.0774.XX			1	B	45.C....
017.0784.XX			1	B	45.C....
017.0749.XX			2	H1	45.C....
017.0751.XX			2	H1	45.C....
017.0865.XX			n + 1	A'	45.C....
! 017.0535.XX			n + 1	A'	45.C....
* 034.0571.XX			n + 1	A' - 52.5	45.C....



	A'
017.0790.XX 017.0791.XX	A - 36
017.0792.XX 017.0793.XX	A - 66
017.0794.XX 017.0795.XX + 017.0790.XX 017.0796.XX + 017.0791.XX 017.0797.XX	A - 51
017.0794.XX 017.0795.XX + 017.0792.XX 017.0796.XX + 017.0793.XX 017.0797.XX	A - 66

$$X = H2 - 76.5$$

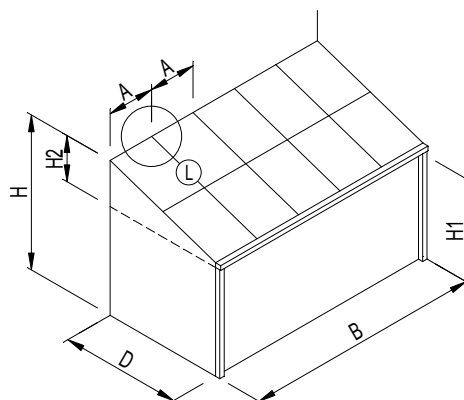
$$Y = D - 7.3$$

$$\varphi = \operatorname{tg}^{-1} \left(\frac{-Y}{X} \right)$$

$$\alpha = \cos^{-1} \left(\frac{30.6 \cdot \cos \varphi}{X} \right) + \varphi$$

$$L = \frac{Y}{\cos \alpha} + 30.6 \cdot \operatorname{tg} \alpha - 11$$

$$L' = L - 15$$



$$5^\circ < \alpha < 40^\circ$$

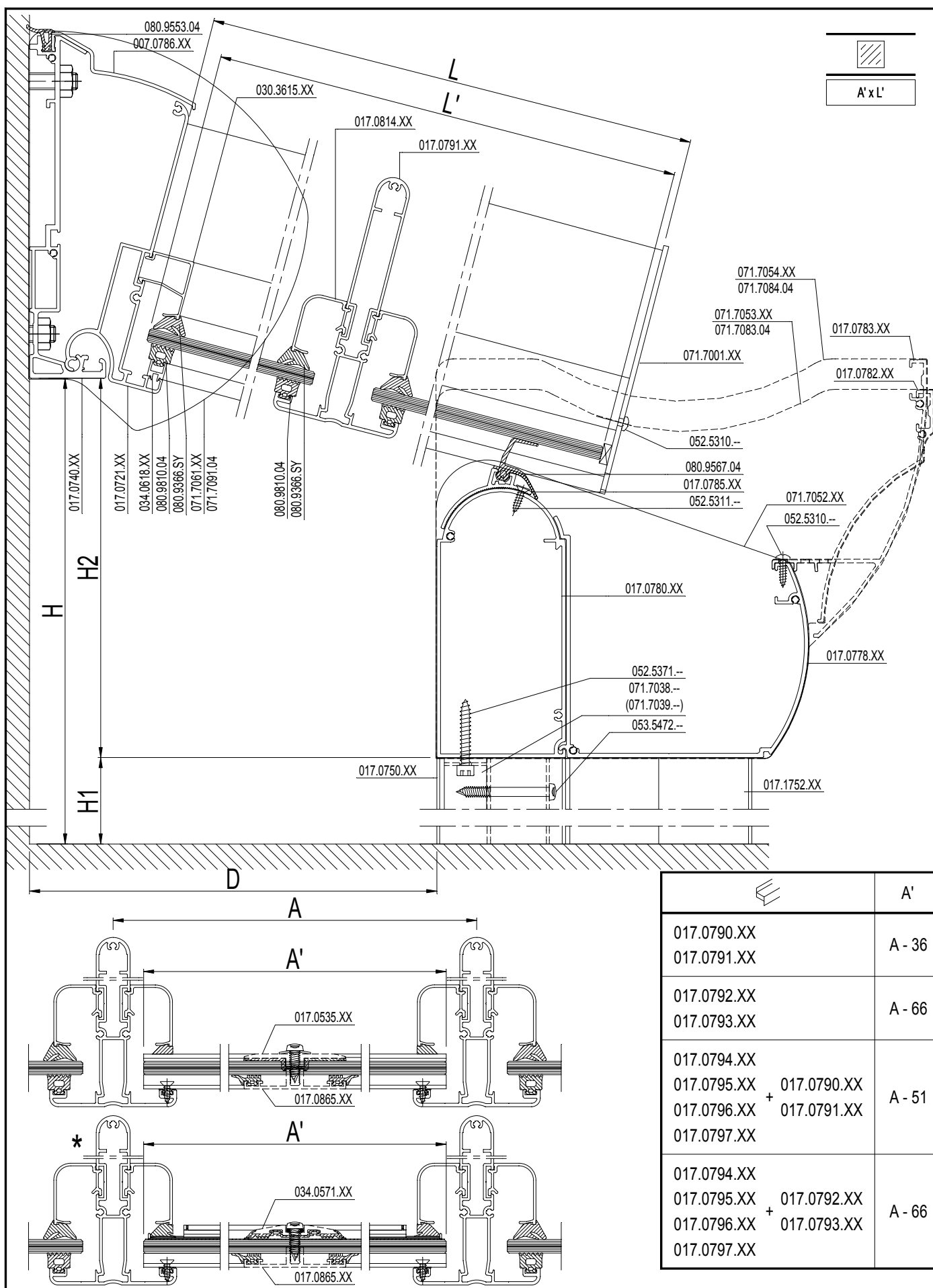
n = # Liggers (017.0791.XX)
Chevrans (017.0791.XX)
Rafters (017.0791.XX)
Dachsparren (017.0791.XX)

* = VARIANT / VARIANTE

!  ≥ 8 mm

		#	
071.7001.XX		n	45.G....
052.5310.--		2 x n	
071.7009.XX		1	45.G....
052.5310.--		4	
071.7038.--		2	45.G....
052.5372.--		4	
052.5372.--		4	
071.7061.XX		2	45.G....
071.7091.04		1	
052.5310.--		4	
071.7042.XX		2	45.G....
071.7072.04		1	
052.5310.--		8	
050.5395.--		4n + 4	45.G....
054.5440.--		4n + 4	
050.5381.--		4n + 4	
052.5310.--		1/300mm	45.G....
052.5311.--		1/300mm	45.G....
052.5312.--		4 x (n + 1)	45.G....
071.7016.04		n	45.G....
071.7017.04		2	
080.9567.04		B	45.G....
080.9553.04		B	45.G....
080.9366.SY		(1 x A') (n + 1) (2 x L') (n + 1)	45.G....
080.9810.SY		(1 x A') (n + 1) (2 x L') (n + 1)	45.G....
080.9540.04		(A' x 2) (n + 1)	45.G....
080.9900.04		2 x (n + 1)	45.G....
! 080.9980.SY		A' x (n + 1)	45.G....
* 080.9711.04		A' x (n + 1)	45.G....
* 080.9744.04		(A' - 90) (n + 1)	45.G....
* 073.8272.04		2 x (n + 1)	45.G....

			#	Lm	
017.0740.XX			1	B	45.C....
007.0721.XX			1	B	45.C....
007.0786.XX			1	B	45.C....
017.0791.XX			n	L	45.C....
017.0797.XX			2	L	45.C....
030.3615.XX			n - 1	A - 20	45.C....
			2	A - 35	
017.0814.XX			2n + 2	L - 25	45.C....
034.0618.XX			1	B	45.C....
017.0774.XX			1	B	45.C....
017.0784.XX			1	B	45.C....
017.0749.XX			2	H1	45.C....
017.0751.XX			2	H1	45.C....
017.0865.XX			n + 1	A'	45.C....
! 017.0535.XX			n + 1	A'	45.C....
* 034.0571.XX			n + 1	A' - 52.5	45.C....



$$X = H2 - 115.5$$

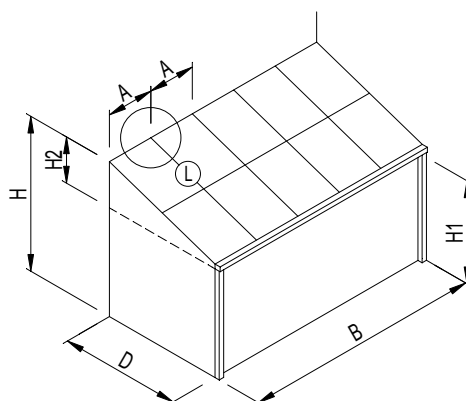
$$Y = D + 12.8$$

$$\varphi = \operatorname{tg}^{-1} \cdot \left(\frac{-Y}{X} \right)$$

$$\alpha = \cos^{-1} \cdot \left(\frac{40.2 \cdot \cos \varphi}{X} \right) + \varphi$$

$$L = \frac{Y}{\cos \alpha} + 40.2 \cdot \operatorname{tg} \alpha + 31.2$$

$$L' = L - 15$$



$$5^\circ < \alpha < 40^\circ$$

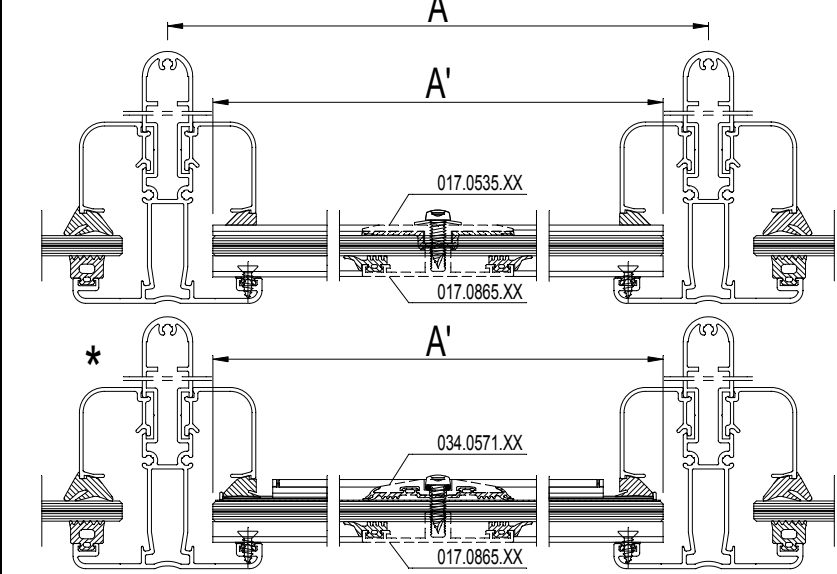
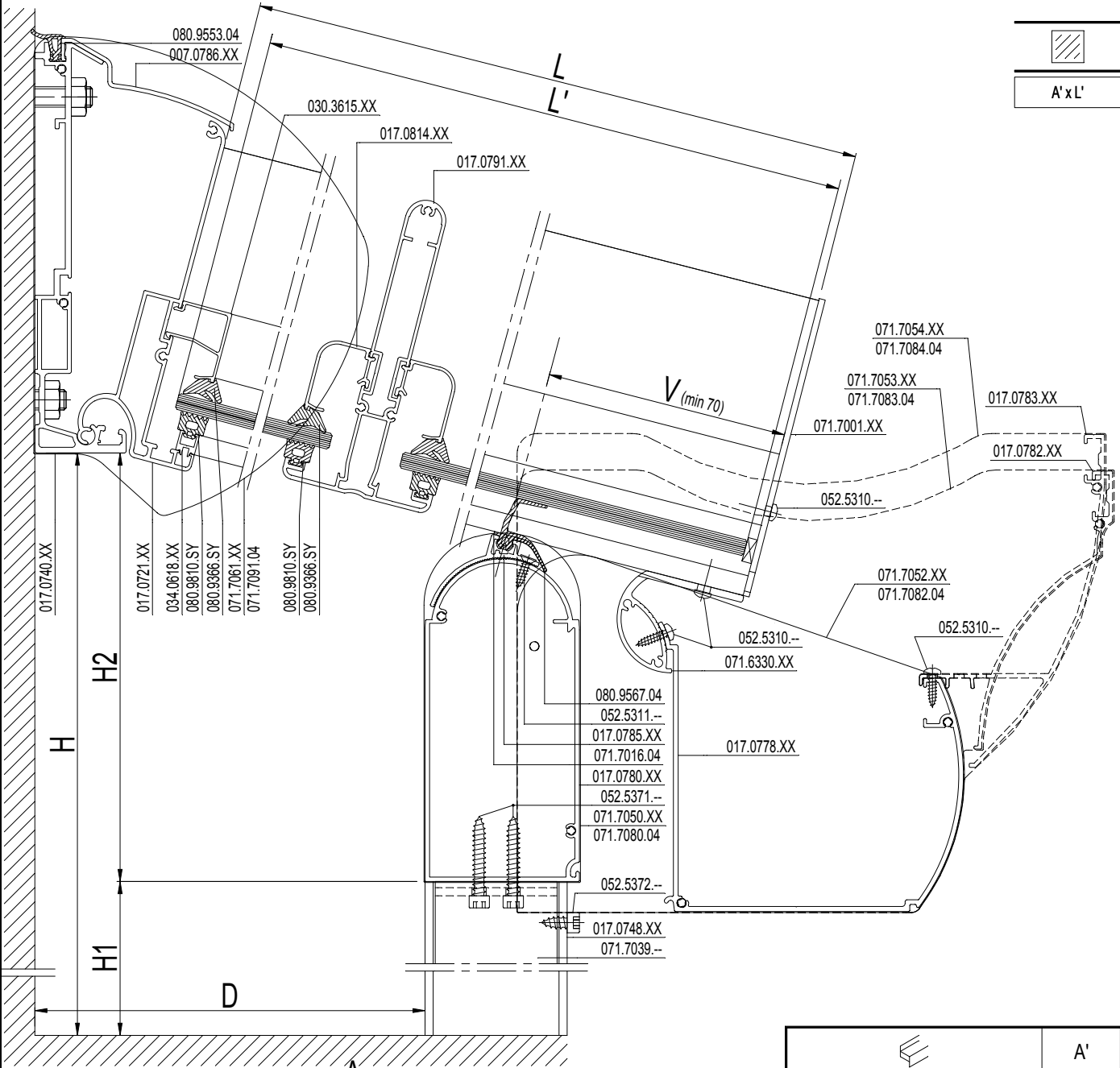
n = # Liggers (017.0791.XX)
Chevrans (017.0791.XX)
Rafters (017.0791.XX)
Dachsparren (017.0791.XX)

* = VARIANT / VARIANTE

!  = 8 mm

		#	
071.7001.XX		n	45.G....
052.5310.--		2 x n	
071.7009.XX		1	45.G....
052.5310.--		4	
071.7038.--		2	45.G....
052.5372.--		4	
053.5472.--		4	
071.7061.XX		2	45.G....
071.7091.04		1	
052.5310.--		4	
071.7052.XX		2	45.G....
071.7082.04		1	1
052.5310.--		6	
050.5395.--		4n + 4	45.G....
054.5440.--		4n + 4	
050.5381.--		4n + 4	
052.5310.--		1/300mm	45.G....
052.5311.--		1/300mm	45.G....
052.5312.--		4 x (n + 1)	45.G....
071.7016.04		n	45.G....
071.7017.04		2	
080.9567.04		B	45.G....
080.9553.04		B	45.G....
080.9366.SY		(1 x A') (n + 1) (2 x L') (n + 1)	45.G....
080.9810.SY		(1 x A') (n x 1) (2 x L') (n x 1)	45.G....
080.9540.04		(A' x 2) (n + 1)	45.G....
080.9900.04		2 x (n + 1)	45.G....
! * 080.9980.SY		A' x (n + 1)	45.G....
* 080.9711.04		A' x (n + 1)	45.G....
* 080.9744.04		(A' - 90) (n + 1)	45.G....
* 073.8272.04		2 x (n + 1)	45.G....

			#	L_m	
017.0740.XX			1	B	45.C....
007.0721.XX			1	B	45.C....
007.0786.XX			1	B	45.C....
017.0791.XX			n	L	45.C....
017.0797.XX			2	L	45.C....
030.3615.XX			n - 1	A - 20	45.C....
			2	A - 35	
017.0814.XX			2n + 2	L - 25	45.C....
034.0618.XX			1	B	45.C....
017.0780.XX			1	B	45.C....
017.0778.XX			1	B	45.C....
017.0785.XX			1	B	45.C....
017.0750.XX			2	H1	45.C....
017.1752.XX			2	H1	45.C....
017.0865.XX			n + 1	A'	45.C....
! * 017.0535.XX			n + 1	A'	45.C....
* 034.0571.XX			n + 1	A' - 52.5	45.C....



	A'
017.0790.XX 017.0791.XX	A - 36
017.0792.XX 017.0793.XX	A - 66
017.0794.XX 017.0795.XX + 017.0790.XX 017.0796.XX + 017.0791.XX 017.0797.XX	A - 51
017.0794.XX 017.0795.XX + 017.0792.XX 017.0796.XX + 017.0793.XX 017.0797.XX	A - 66

$$X = H2 - 115.5$$

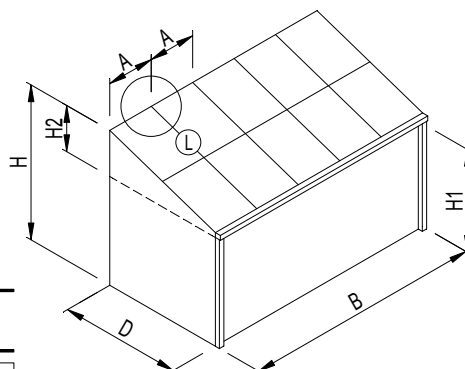
$$Y = D + 12.8$$

$$\varphi = \tan^{-1} \cdot \left(\frac{-Y}{X} \right)$$

$$\alpha = \cos^{-1} \cdot \left(\frac{40.2 \cdot \cos \varphi}{X} \right) + \varphi$$

$$L = \frac{Y}{\cos \alpha} + 40.2 \cdot \tan \alpha - 38.8 + V$$

$$L' = L - 15$$



$$5^\circ < \alpha < 40^\circ$$

n = # Liggers (017.0791.XX)
Chevrans (017.0791.XX)
Rafters (017.0791.XX)
Dachsparren (017.0791.XX)

* = VARIANT / VARIANTE

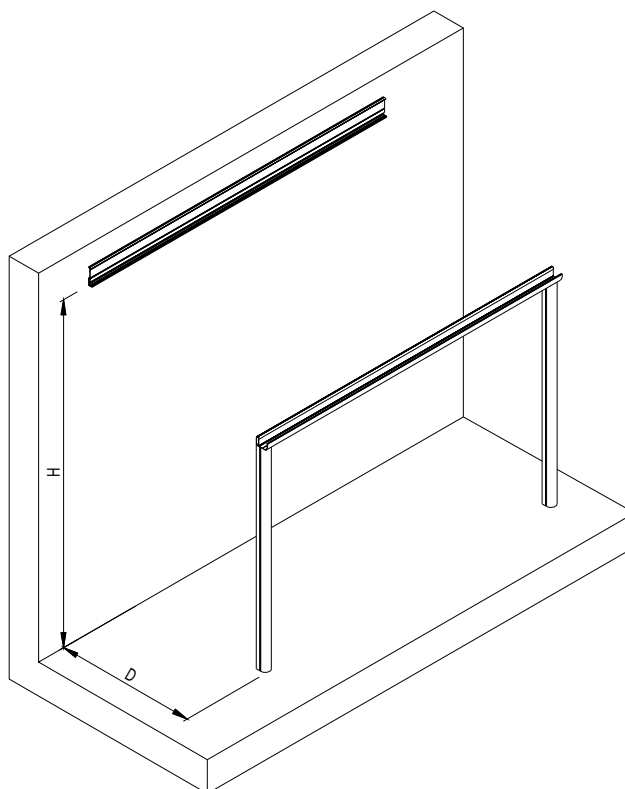
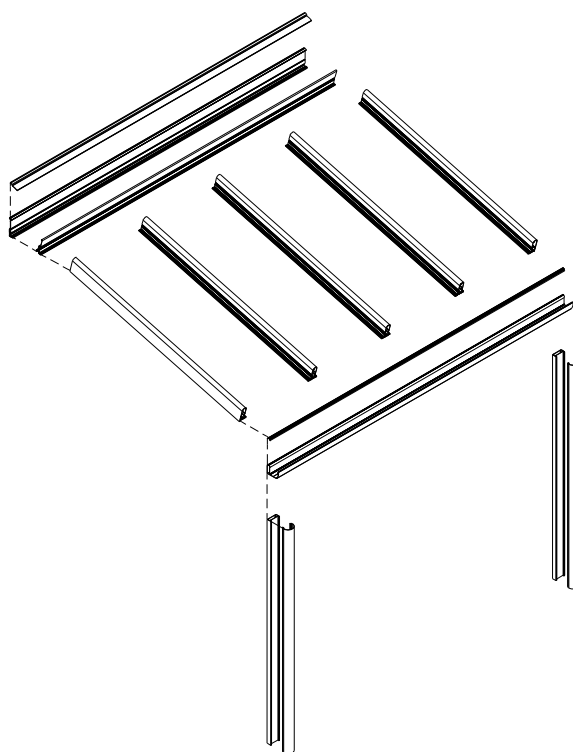
!  ≥ 8 mm

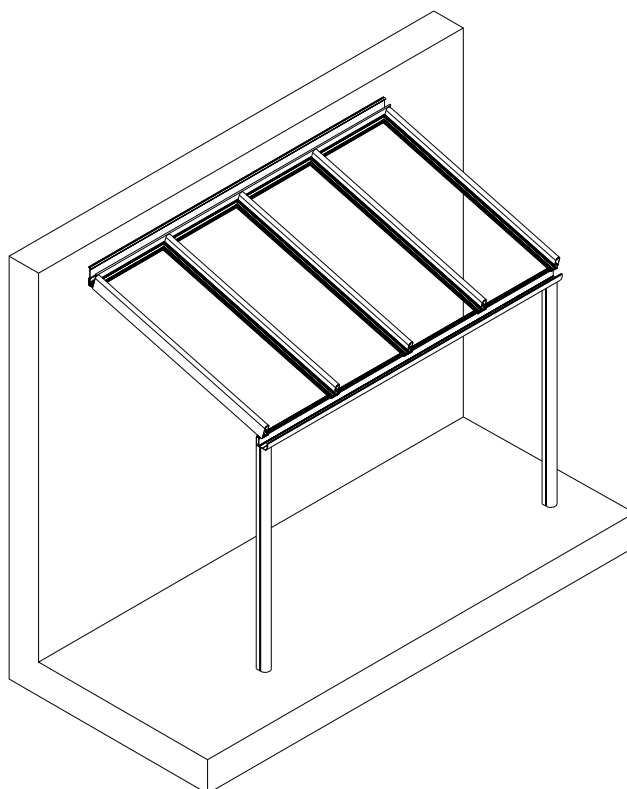
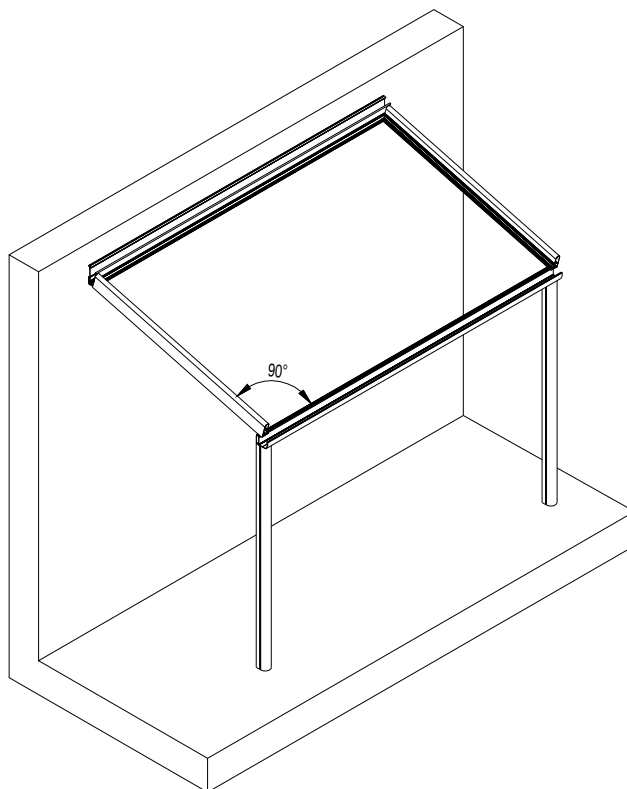
		#	
071.7001.XX 052.5310.--		n 2 x n	45.G....
071.7009.XX 052.5310.--		1 4	45.G....
071.7039.-- 052.5371.-- 052.5372.--		2 4 4	45.G....
071.7050.XX 071.7080.04 052.5310.--		2 1 2	45.G....
071.7052.XX 071.7082.04 052.5310.--		2 1 6	45.G....
071.7061.XX 071.7091.04 052.5310.--		2 1 4	45.G....
071.6330.XX 052.5310.--		n + 1 4 x n	45.G....
050.5395.-- 054.5440.-- 050.5381.--		4n + 4 4n + 4 4n + 4	45.G....
052.5310.--		3 x 1/300mm	45.G....
052.5311.--		1/300mm	45.G....
052.5312.--		4 x (n + 1)	45.G....
071.7016.04 071.7017.04		n 2	45.G....
080.9567.04		B	45.G....
080.9553.04		B	45.G....
080.9366.SY		(1 x A') (n + 1) (2 x L') (n + 1)	45.G....
080.9810.SY		(1 x A') (n + 1) (2 x L') (n + 1)	45.G....
080.9540.04		(A' x 2) (n + 1)	45.G....
080.9900.04		2 x (n + 1)	45.G....
! * 080.9980.SY		A' x (n + 1)	45.G....
* 080.9711.04		A' x (n + 1)	45.G....
* 080.9744.04		(A' - 90) (n + 1)	45.G....
* 073.8272.04		2 x (n + 1)	45.G....

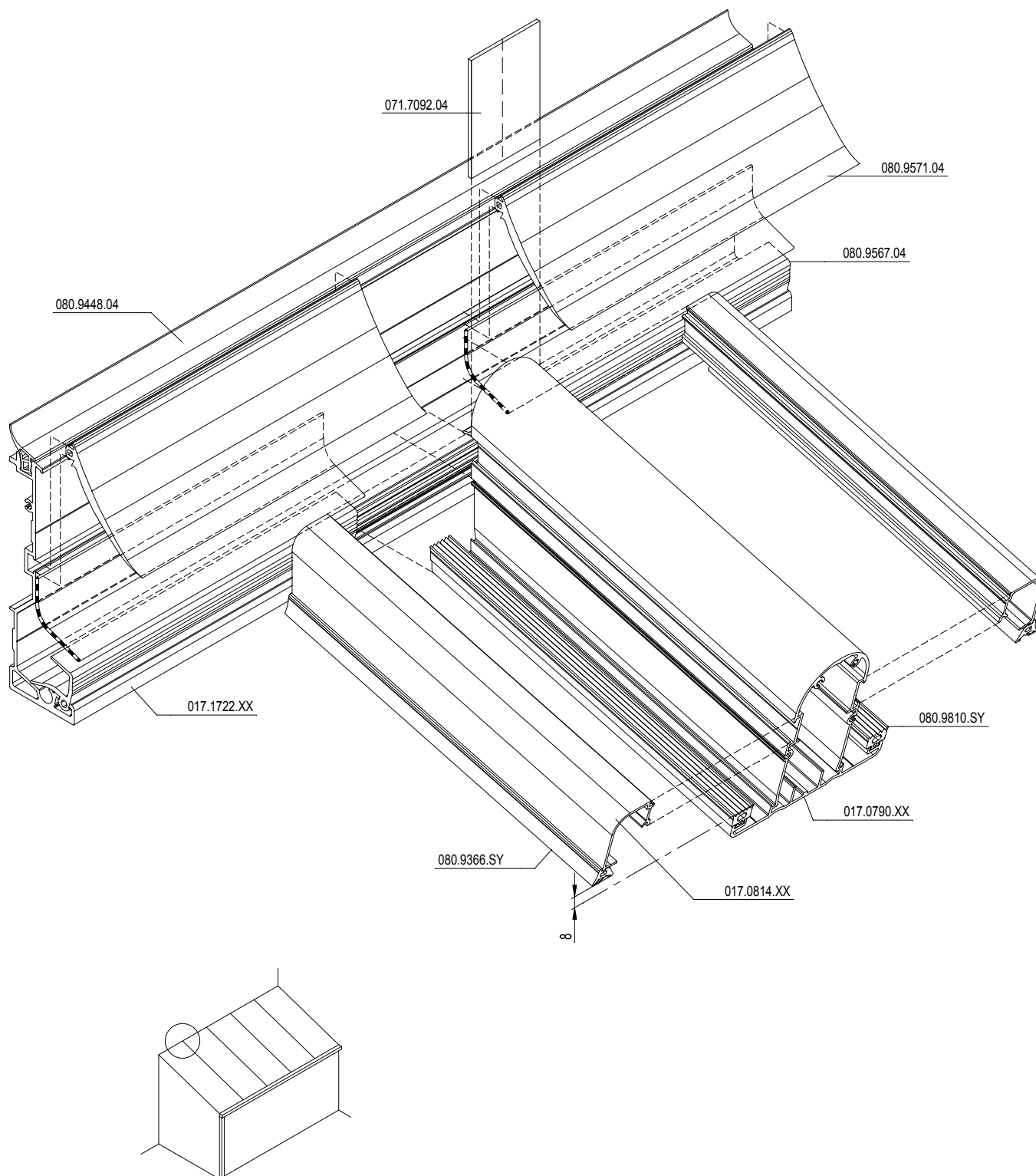
			#		
017.0740.XX			1	B	45.C....
007.0721.XX			1	B	45.C....
007.0786.XX			1	B	45.C....
017.0791.XX			n	L	45.C....
017.0797.XX			2	L	45.C....
030.3615.XX			n - 1 2	A - 20 A - 35	45.C....
017.0814.XX			2n + 2	L - 25	45.C....
034.0618.XX			1	B	45.C....
017.0780.XX			1	B	45.C....
017.0778.XX			1	B	45.C....
017.0785.XX			1	B	45.C....
017.0748.XX			2	H1	45.C....
017.0865.XX			n + 1	A'	45.C....
! * 017.0535.XX			n + 1	A'	45.C....
* 034.0571.XX			n + 1	A' - 52.5	45.C....

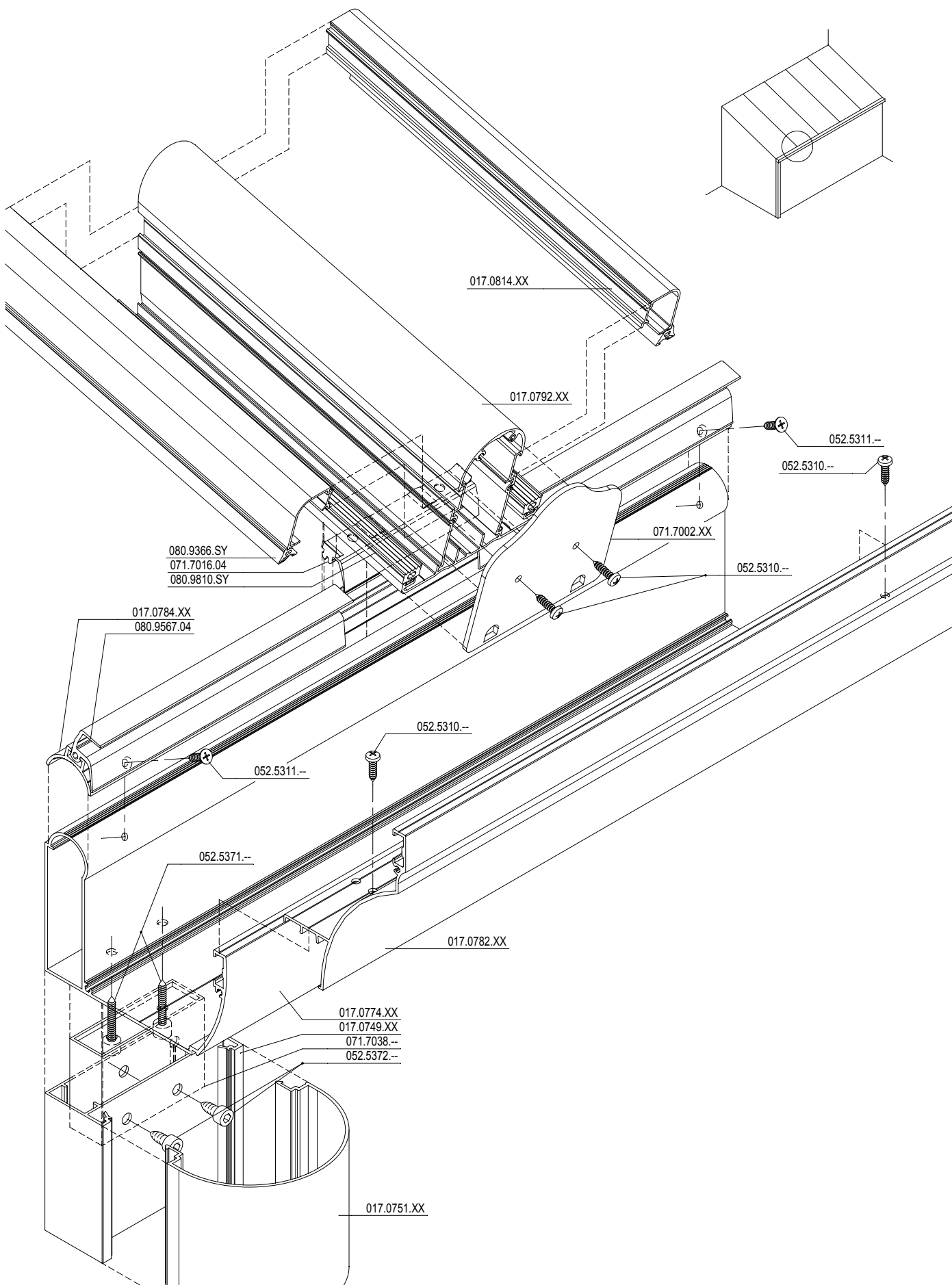
F

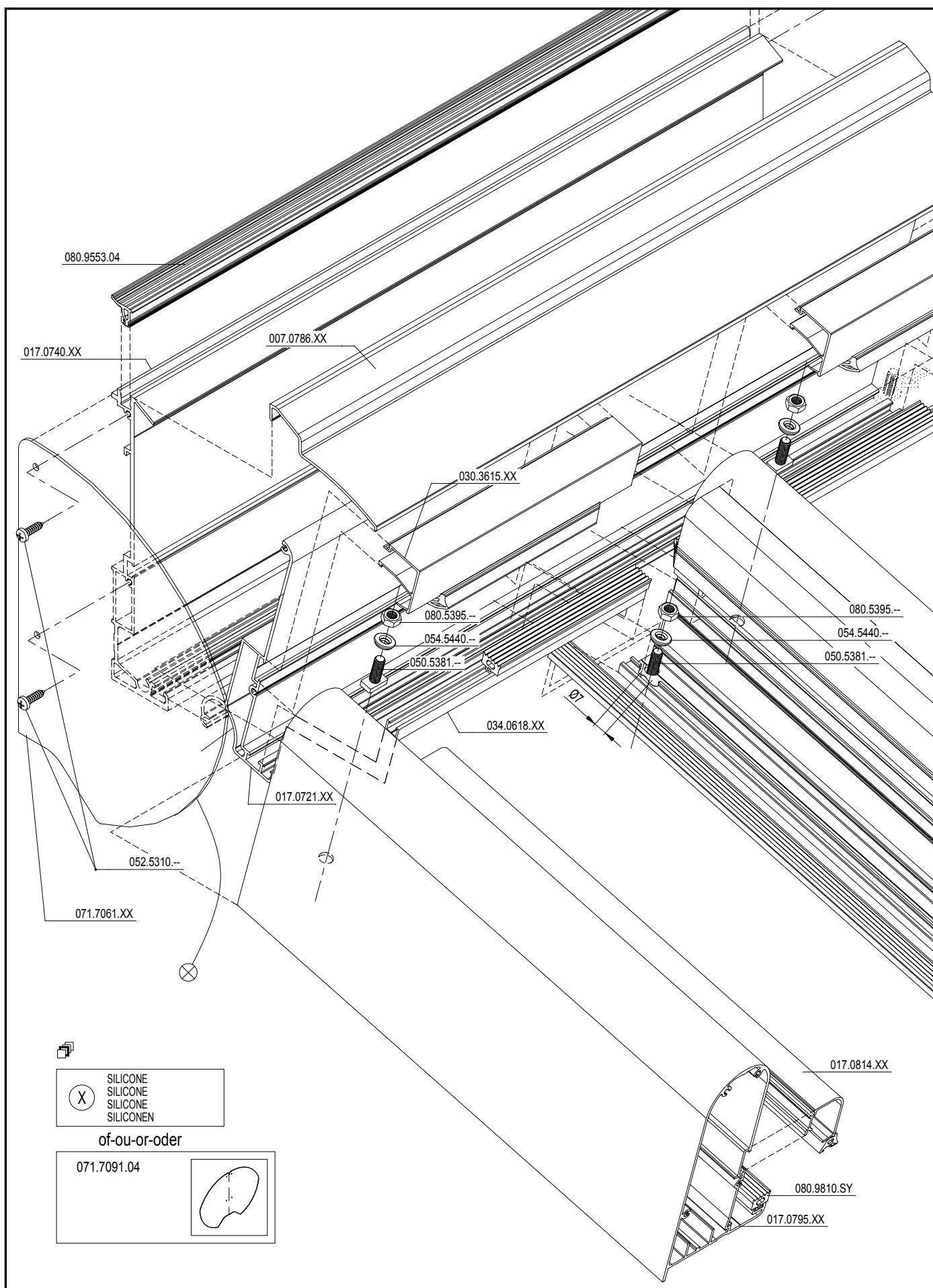
Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

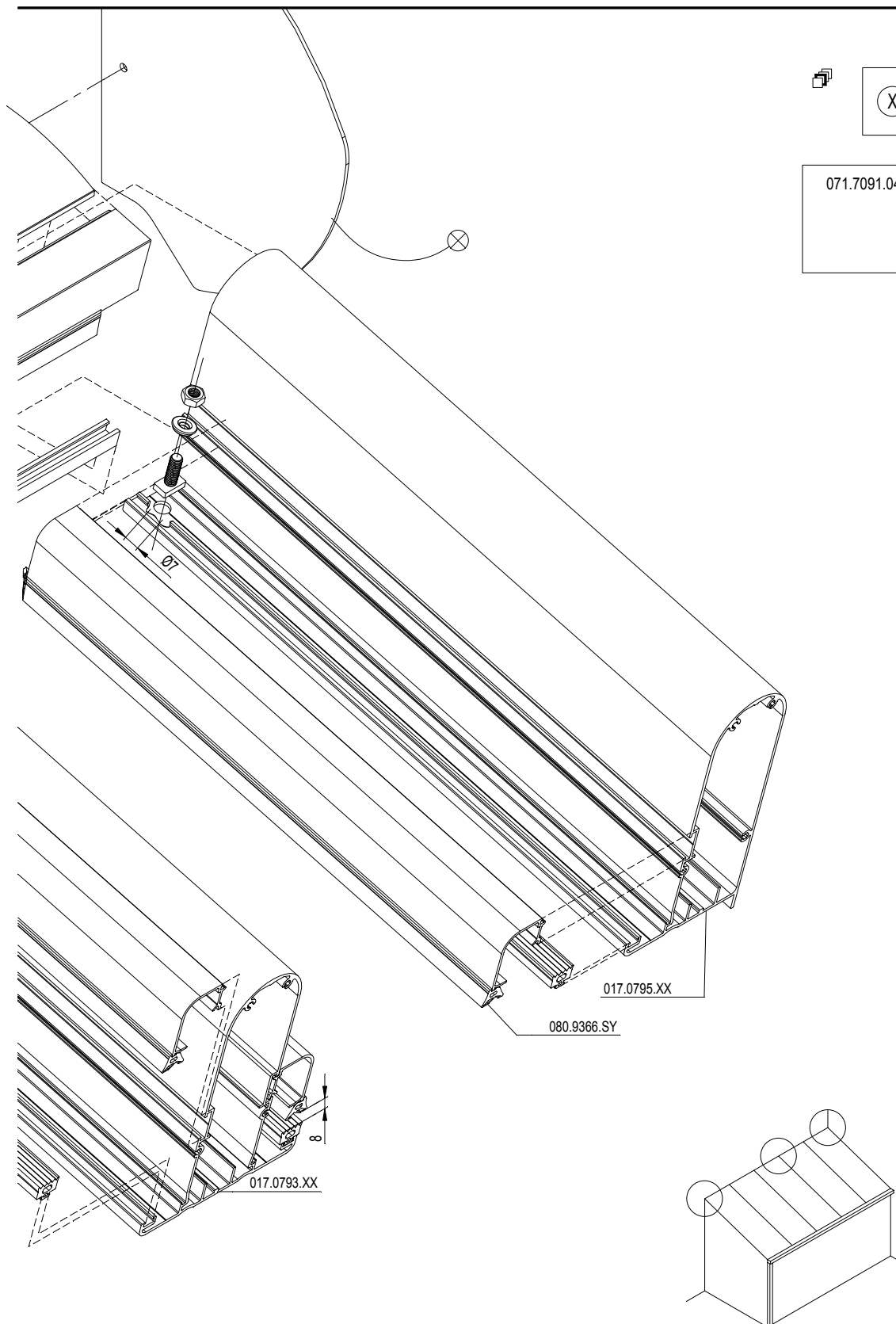


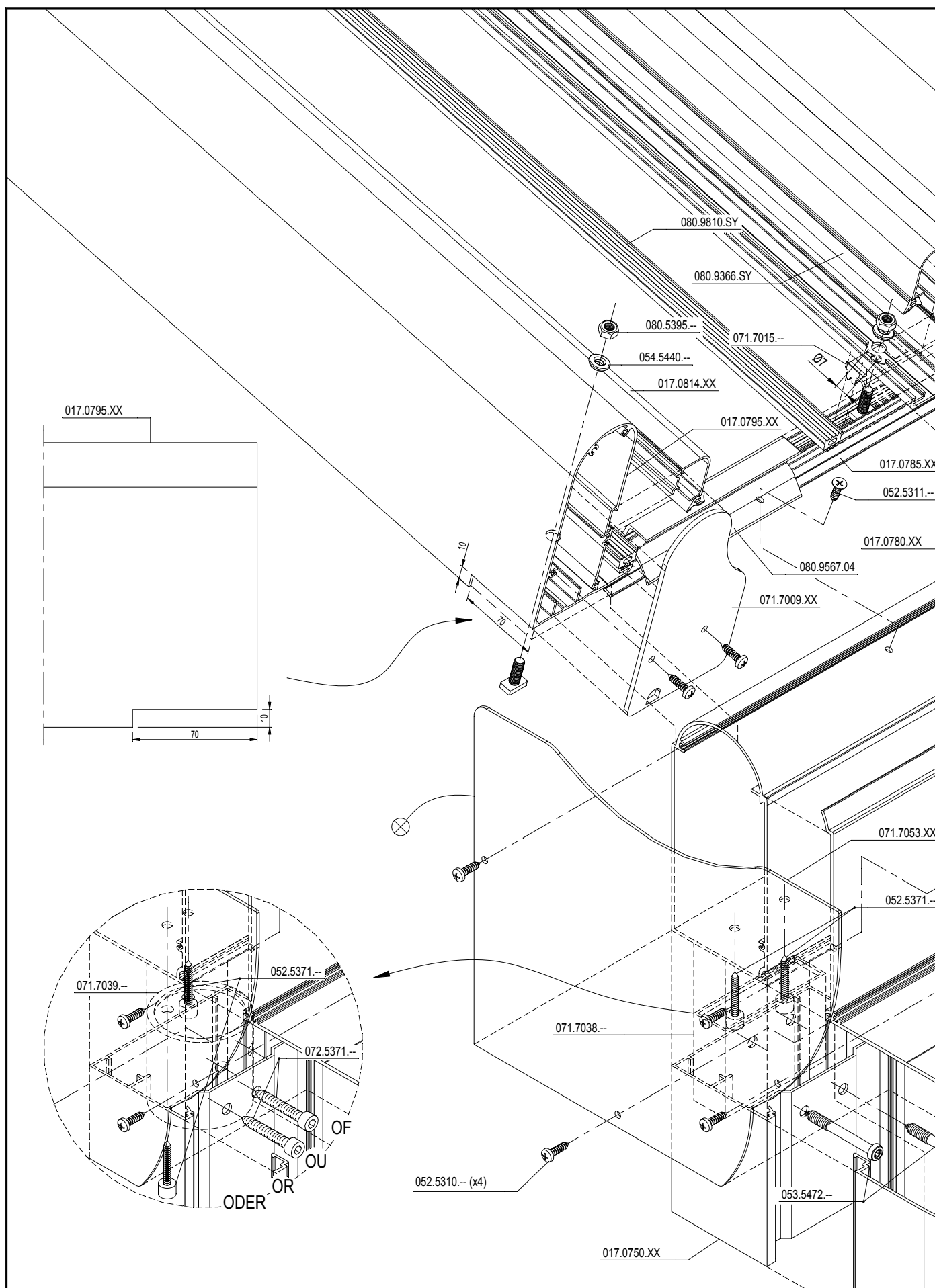


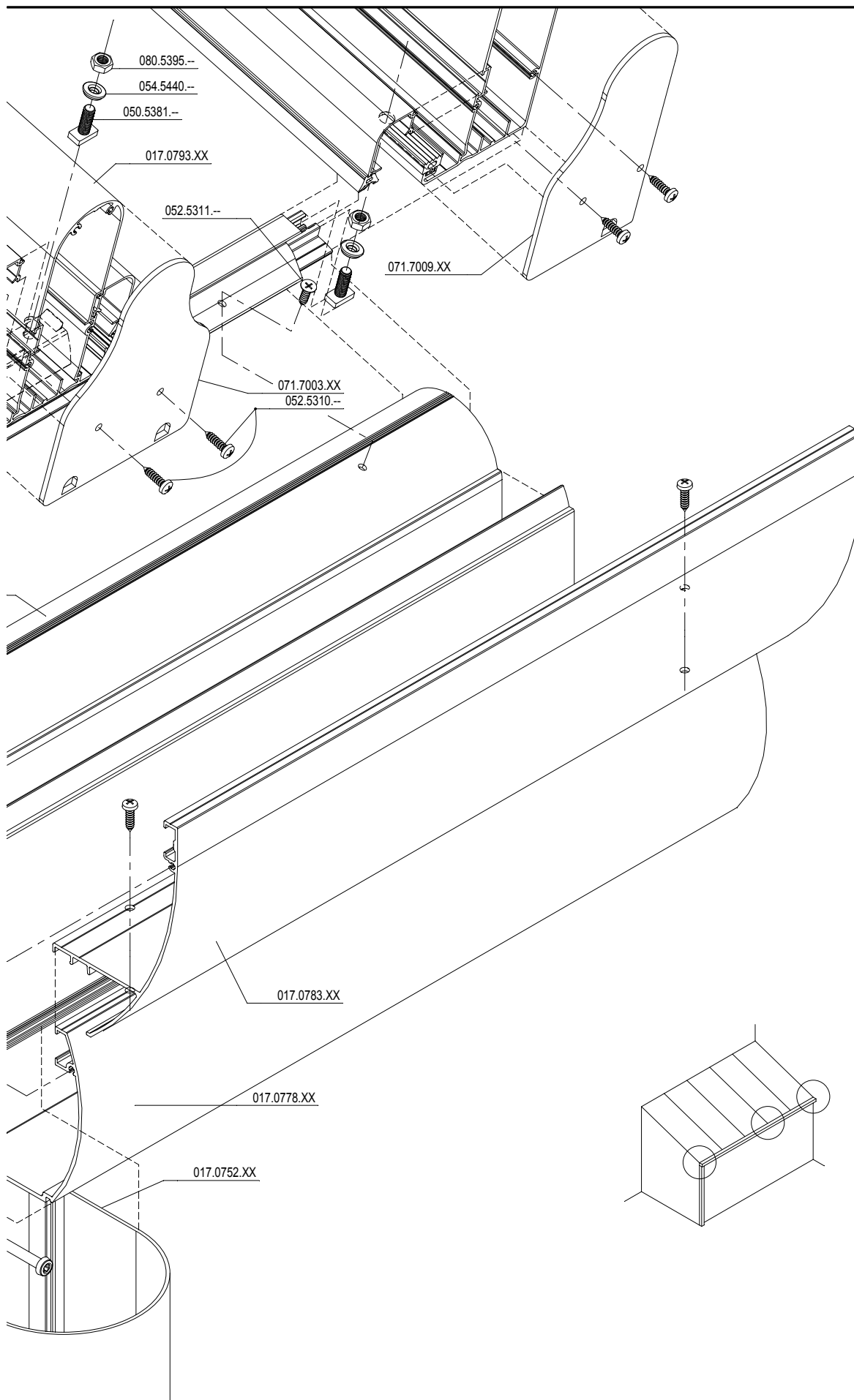


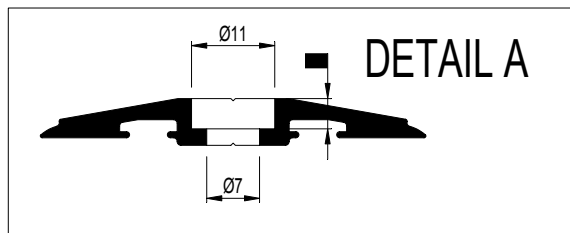




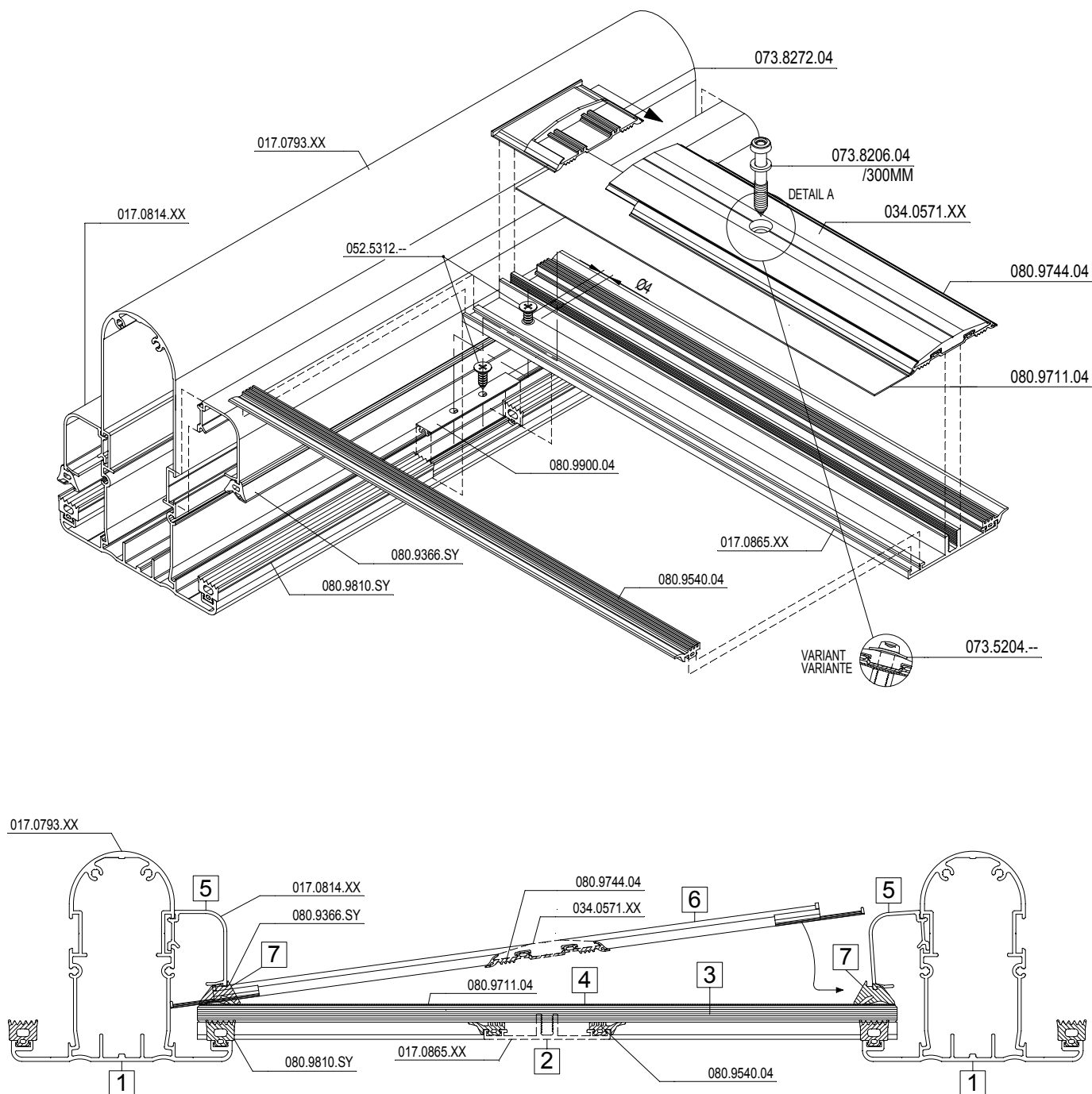
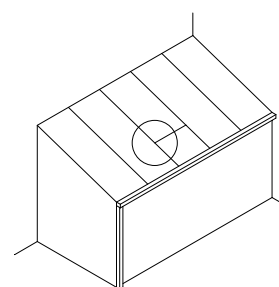








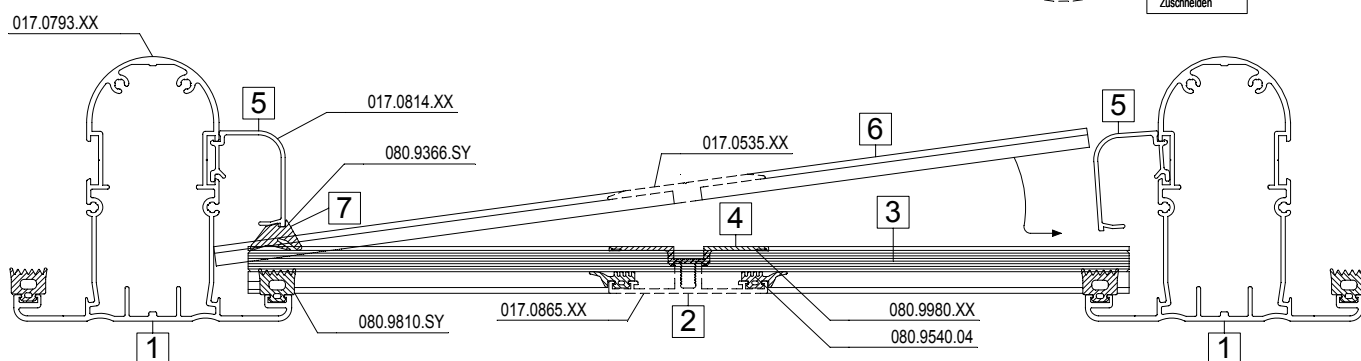
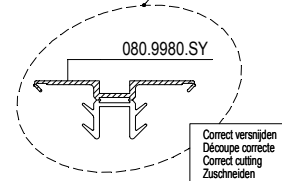
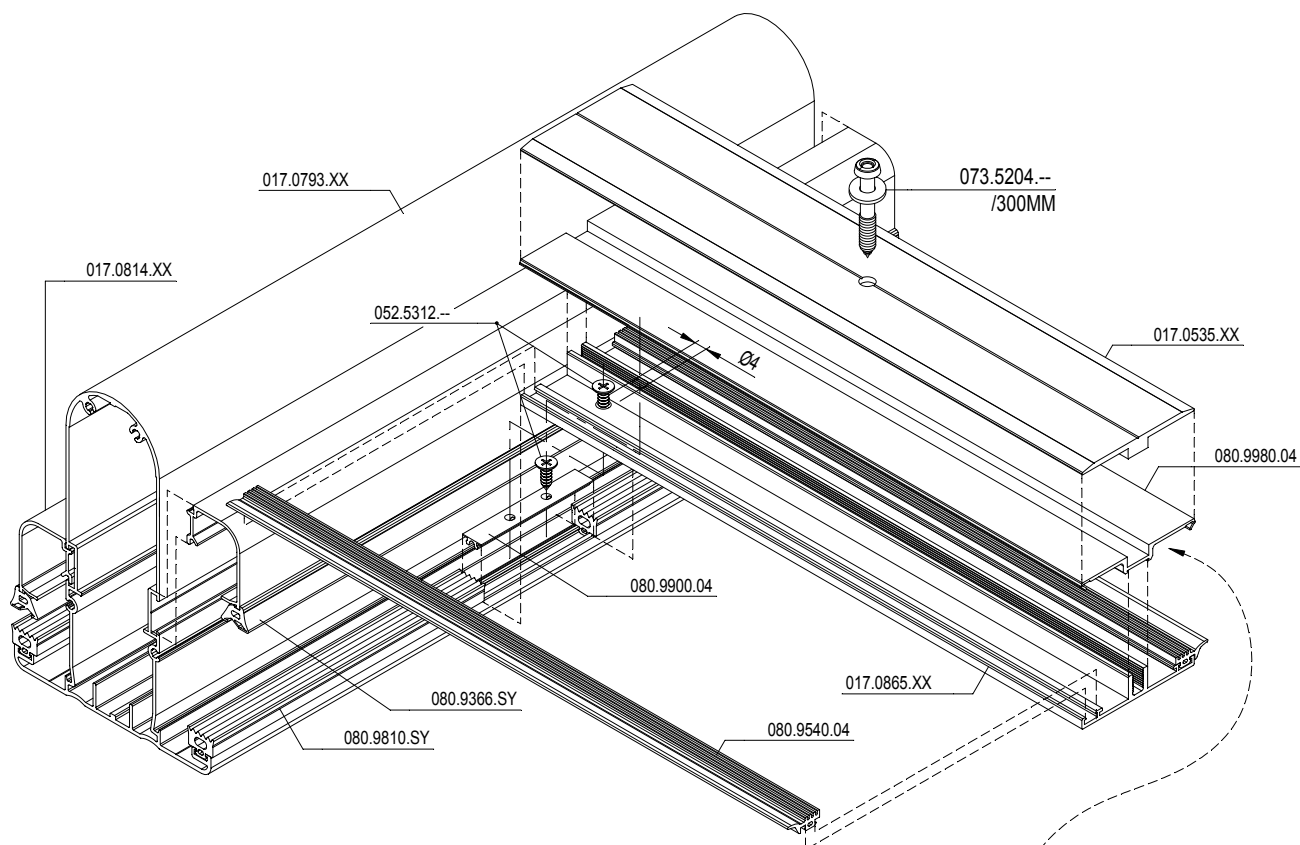
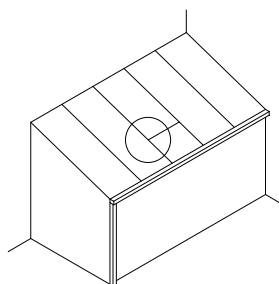
VARIANT A



MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

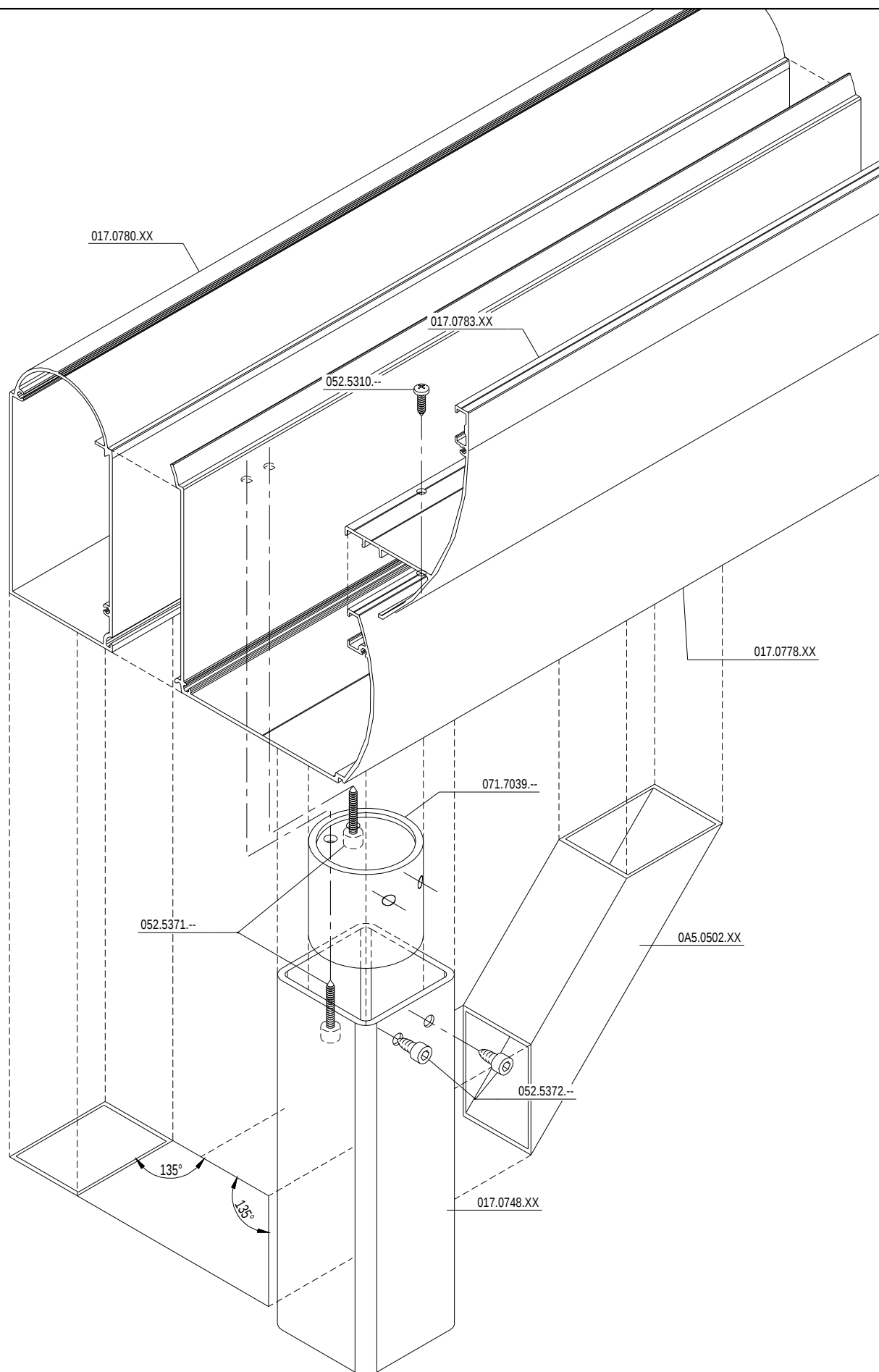
1 2 3 .

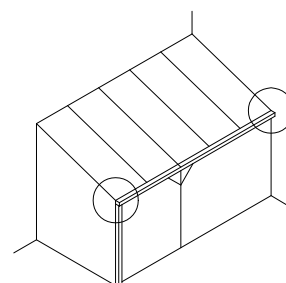
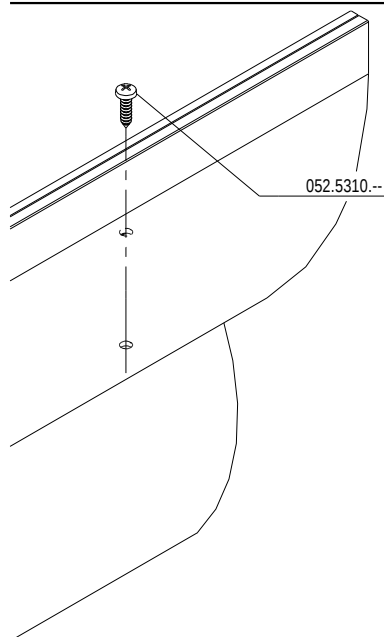
VARIANT B

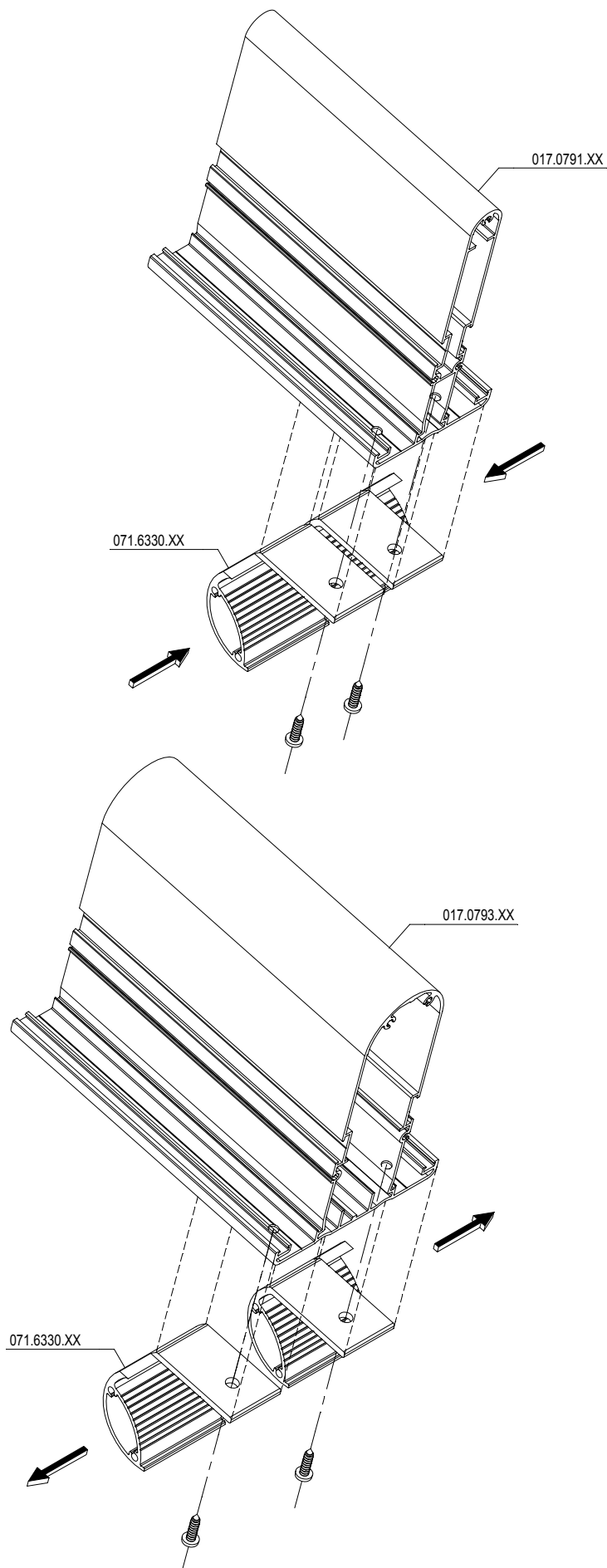


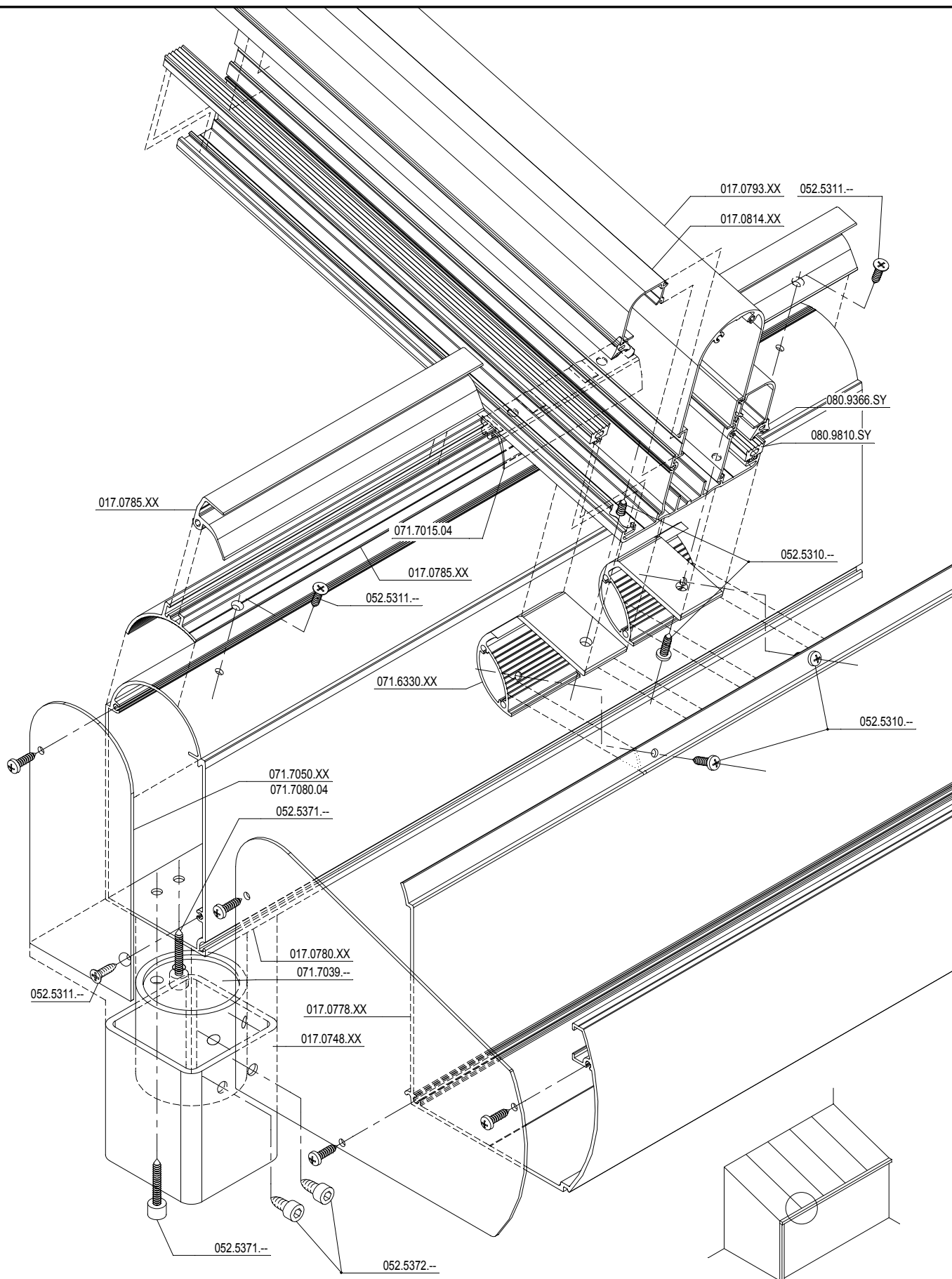
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .



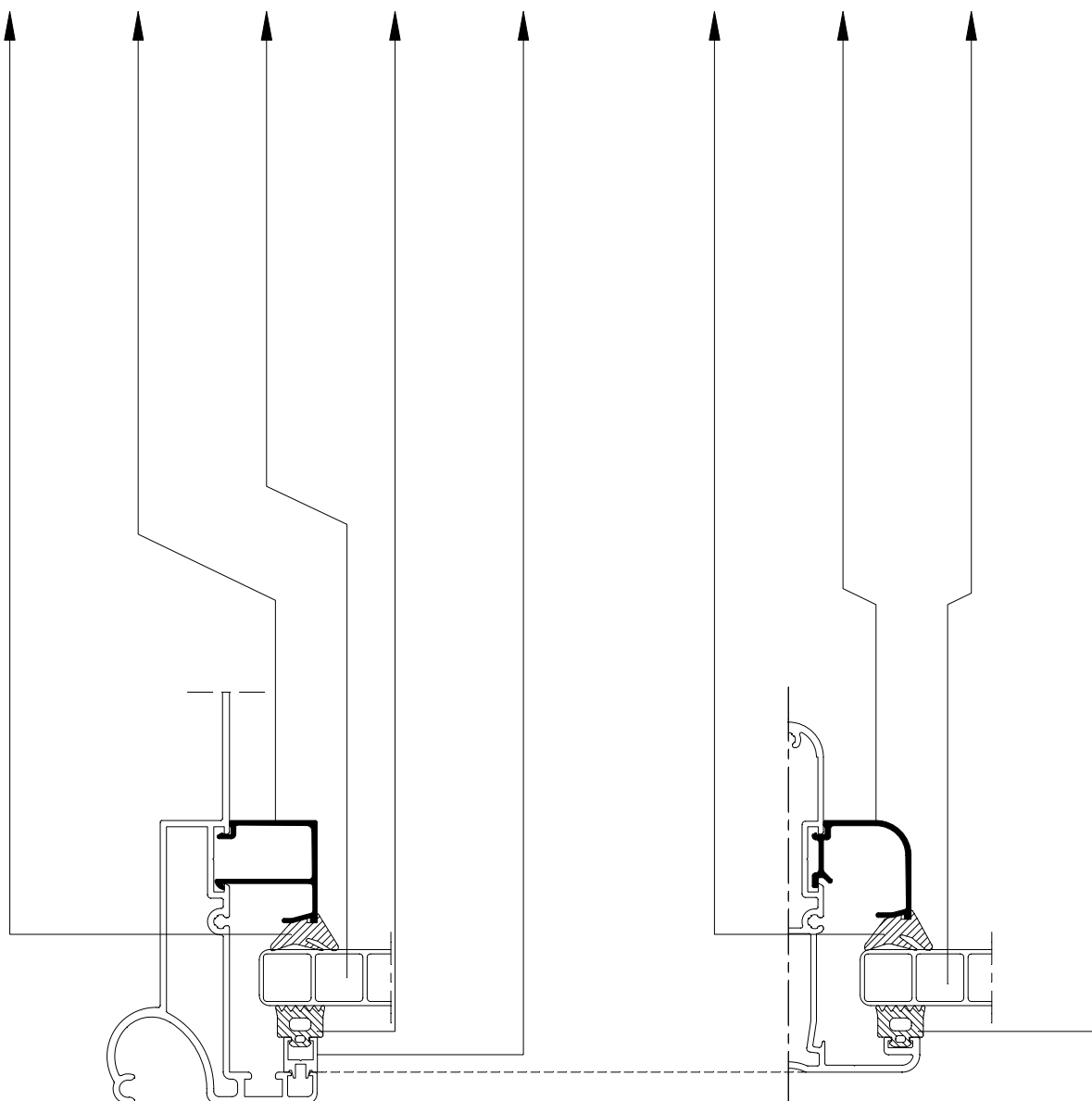




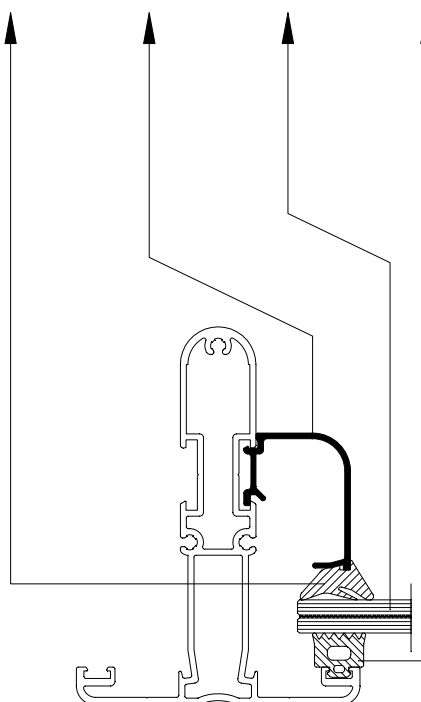


Beglazingsrubber binnen Joint de vitrage intérieur Glazing gasket inside Verglasungsdichtung innen	Glaslat Parclose Glazing bead Glasleiste	Glasdikte Epaisseur de vitrage Glazing thickness Glasdicke	Beglazingsrubber buiten Joint de vitrage extérieur Glazing gasket outside Verglasungsdichtung aussen	Afstandhouder beglazing Reducteur feuillure de vitrage Glasfalzverkleinungsprofil Füllister reducer part glazing
080.9366.SY	030.3615.XX	8	080.9810.SY	034.0618.XX
080.9366.SY	030.3615.XX	10	080.9810.SY	034.0618.XX
080.9366.SY	030.3613.XX	16	080.9810.SY	034.0618.XX
080.9366.SY	030.3610.XX	25	080.9810.SY	034.0618.XX
080.9366.SY	030.3607.XX	32	080.9810.SY	034.0618.XX

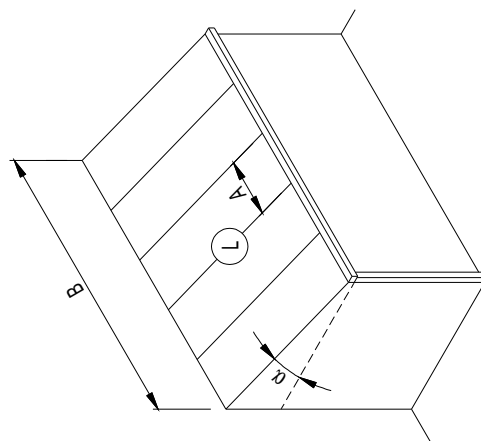
Beglazingsrubber binnen Joint de vitrage intérieur Glazing gasket inside Verglasungsdichtung innen	Glaslat Parclose Glazing bead Glasleiste	Glasdikte Epaisseur de vitrage Glazing thickness Glasdicke	Beglazingsrubber buiten Joint de vitrage extérieur Glazing gasket outside Verglasungsdichtung aussen
080.9366.SY	017.0814.XX	8	080.9810.SY
080.9366.SY	017.0814.XX	10	080.9810.SY
080.9366.SY	017.0812.XX	16	080.9810.SY
080.9366.SY	017.0811.XX	25	080.9810.SY
080.9366.SY	017.0810.XX	32	080.9810.SY



Beglazingsrubber binnen Joint de vitrage intérieur Glazing gasket inside Verglasungsdichtung innen	Glaslat Parclose Glazing bead Glasleiste	Glasdikte Epaisseur de vitrage Glazing thickness Glasdicke	Beglazingsrubber buiten Joint de vitrage extérieur Glazing gasket outside Verglasungsdichtung aussen
080.9366.SY	017.0815.XX	3	080.9810.SY
080.9366.SY	017.0815.XX	4	080.9810.SY
080.9366.SY	017.0814.XX	7(33.2)	080.9810.SY
080.9366.SY	017.0814.XX	8	080.9810.SY
080.9366.SY	017.0814.XX	9(44.2)	080.9810.SY
080.9366.SY	017.0814.XX	10	080.9810.SY
080.9366.SY	017.0813.XX	11(55.2)	080.9810.SY
080.9366.SY	017.0813.XX	12	080.9810.SY
080.9366.SY	017.0812.XX	15	080.9810.SY
080.9366.SY	017.0812.XX	16	080.9810.SY
080.9366.SY	017.0812.XX	17	080.9810.SY
080.9366.SY	017.0812.XX	18	080.9810.SY
080.9366.SY	017.0811.XX	24	080.9810.SY
080.9366.SY	017.0811.XX	25	080.9810.SY
080.9366.SY	017.0811.XX	26	080.9810.SY
080.9366.SY	017.0811.XX	27	080.9810.SY
080.9366.SY	017.0810.XX	31	080.9810.SY
080.9366.SY	017.0810.XX	32	080.9810.SY
080.9366.SY	017.0810.XX	33	080.9810.SY
080.9366.SY	017.0810.XX	34	080.9810.SY



Toelaatbare dragers in verbinding met goot 017.0780.XX en 017.0780.XX • 017.0780.XX • IPE 120I veranda type 1												
Chevron admissible en connection avec gouttière 017.0780.XX et 017.0780.XX • 017.0780.XX • IPE 120I veranda type 1												
Admissible rafters in connection with gutter 017.0780.XX and 017.0780.XX • 017.0780.XX • IPE 120I veranda type 1												
Zulässige Sparren in Verbindung mit Rinne 017.0780.XX und 017.0780.XX • 017.0780.XX • IPE 120I veranda type 1												
Breedte / Largeur / Width / Breite / A [m]												
Tiefe D [m]	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	4.00	
2.50	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
2.75	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
3.00	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
3.25	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
3.50	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
3.75	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
4.00	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
4.25	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
4.50	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
4.75	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
5.00	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
5.25	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
5.50	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
glasgewicht sneeuwlast	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
liggers/stand doorbuigbeperking dakhellung <= 25°	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
toelaatbare verandadiepte toelaatbare verandabreedte	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX
hoogte van de dakgoot	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX	017.0780.XX



As from width b > 4.00m only gutter 017.0780.XX + is possible.
For widths of b = 6.00m only depth l = 3.50m is allowed.
Rafter remain unchanged.

Vanaf breedte b > 4.00m is enkel goot 017.0780.XX + mogelijk.
Vanaf een breedte van b = 6.00m is enkel nog een
diepte l = 3.50m toegelaten. Draggers blijven onveranderd.

Ab Breite b > 4.00m ist nur noch Rinne 017.0780.XX + möglich.
Bei einer Breite von b = 6.00m ist nur noch eine Tiefe
Von l = 3.50m zulässig. Sparren bleiben unverändert.

A partir d'une largeur b > 4.00m seulement la gouttière 017.0780.XX + est
possible. Pour des largeurs de b = 6.00m seulement la
profondeur l = 3.50m est admissible. Les chevrons restent inchangés.

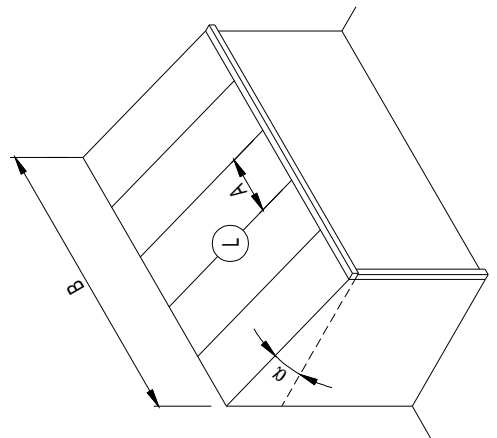
Toelaatbare draaier in verbinding met goot 017.0780.XX en 017.0780.XX + IPE 120 veranda type 1 Chevron admissible en connection avec gouttière 017.0780.XX et 017.0780.XX + IPE 120 veranda type 1 Admissible rafter in connection with gutter 017.0780.XX and 017.0780.XX + IPE 120 veranda type 1 Zulässige Sparren in Verbindung mit Rinne 017.0780.XX und 017.0780.XX + IPE 120 Wintergarten Typ 1												
Diepte Profondeur Depth Tiefe D [m]	Breedte L Largeur Width Breite A [m]											
	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	4.00	
2.50	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX X	017.0790.XX X	
2.75	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX X	017.0790.XX X	017.0790.XX X	017.0790.XX X	
3.00	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX 017.0774.XX+	017.0790.XX X	017.0790.XX X	017.0790.XX X	017.0790.XX X	
3.25	017.0791.XX 017.0774.XX+	017.0791.XX 017.0774.XX+	017.0791.XX 017.0774.XX+	017.0791.XX 017.0774.XX+	017.0791.XX 017.0774.XX+	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	
3.50	017.0791.XX 017.0774.XX+	017.0791.XX 017.0774.XX+	017.0791.XX 017.0774.XX+	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	
3.75	017.0791.XX 017.0774.XX+	017.0791.XX 017.0774.XX+	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	
4.00	017.0791.XX 017.0774.XX+	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	
4.25	017.0793.XX 017.0774.XX+	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	
4.50	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	
4.75	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	017.0791.XX X	
5.00	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	
5.25	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	017.0792.XX X	
5.50	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	017.0793.XX X	
glasgewicht sneeuwlast liggerafstand doorbuigbeperking dakhelling < 25° toelaatbare verandadiepte toelaatbare verandabreedte hoogte van de dakgoot	epaisseur du verre charge due à la neige distance entre les chevrons limitation de fléchissement pente < 25° épaisseur de veranda admissible largeur de veranda admissible hauteur de la gouttière	glass weight snow load rafter distance deflection restriction roof slope < 25° acceptable veranda depth acceptable veranda width gutter height	Glasgewicht Sneeuwlast Sparrenafstand Durchbiegungsbeschränkung Dachneigung < 25° zulässige Wintergartentiefe zulässige Wintergartenbreite Traufhöhe 220 mm	9 _{gl} [kN/m²] s _l [kN/m²] A [m]	0.20 0.75 0.80	017.0790.XX+ = 017.0790.XX + BD 6x50 017.0791.XX+ = 017.0791.XX + BD 6x100 017.0792.XX+ = 017.0792.XX + BD 15x30 017.0793.XX+ = 017.0793.XX + BD 15x140						

As from width b > 4.00m only gutter 017.0780.XX + is possible.
For widths of b = 6.00m only depth l = 3.50m is allowed.
Rafter remain unchanged.

Vanaf breedte b > 4.00m is enkel goot 017.0780.XX + mogelijk.
Vanaf een breedte van b = 6.00m is enkel nog een
diepte l = 3.50m toegelaten. Dragert blijven onveranderd.

Ab Breite b > 4.00m ist nur noch Rinne 017.0780.XX + möglich.
Bei einer Breite von b = 6.00m ist nur noch eine Tiefe
Von l = 3.50m zulässig. Sparren bleiben unverändert.

A partir d'une largeur b > 4.00m seulement la gouttière 017.0780.XX + est
possible. Pour des largeurs de b = 6.00m seulement la
profondeur l = 3.50m est admissible. Les chevrons restent inchangés.





G

Toebehoren

Accessoires

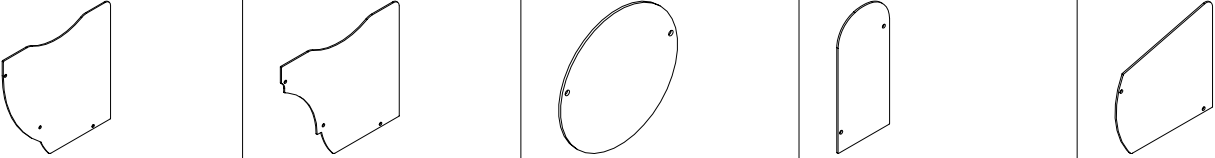
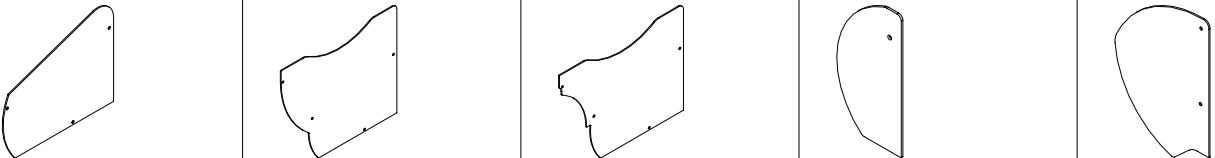
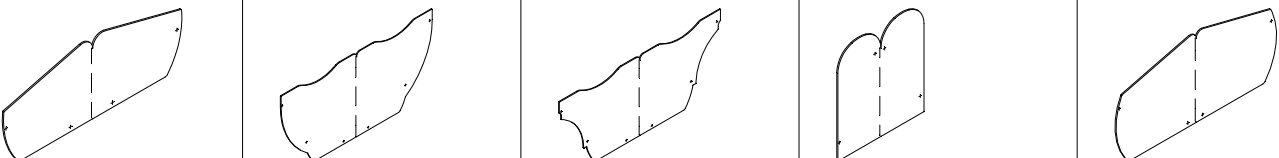
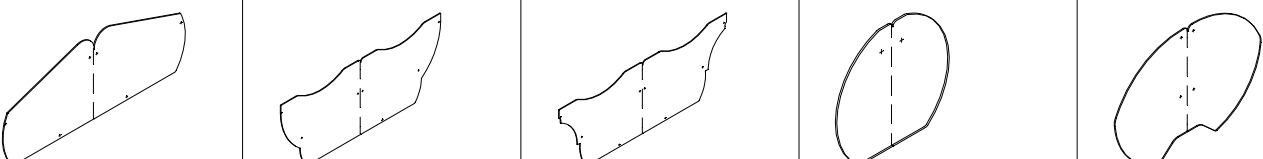
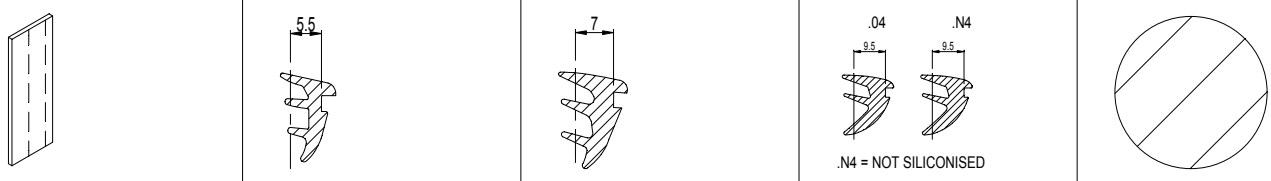
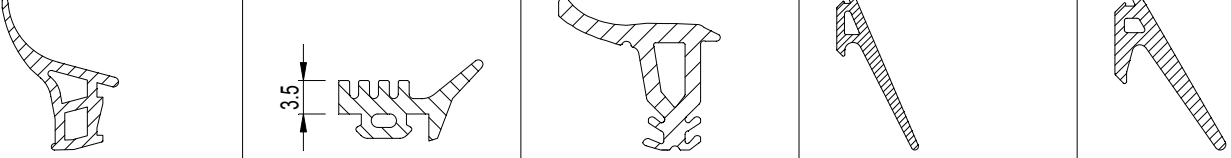
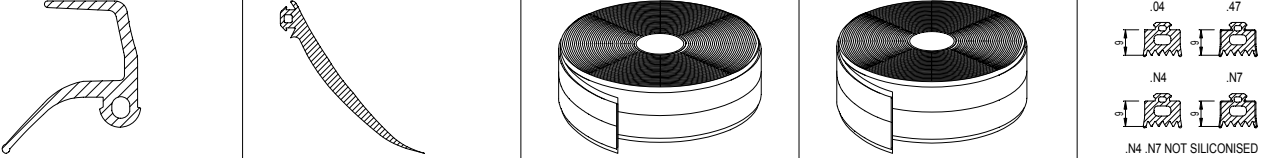
Accessories

Zubehör

Art. N°			Art. N°		
050.5013.--	45.G.023	D0059089			
050.5381.--	45.G.024	D0061838			
050.5395.--	45.G.024	D0061838			
052.5310.--	45.G.023	D0059089			
052.5311.--	45.G.023	D0059089			
052.5371.--	45.G.023	D0059089			
052.5372.--	45.G.023	D0059089			
053.5472.--	45.G.024	D0061838			
054.5440.--	45.G.022	D0059090			
065.6555.04	45.G.022	D0059090			
071.6320.XX	45.G.016	D0058626			
071.6321.XX	45.G.016	D0058626			
071.6330.XX	45.G.015	D0058624			
071.6349.XX	45.G.014	D0059100			
071.6350.XX	45.G.014	D0059100			
071.6554.SY	45.G.022	D0059090			
071.6620.00	45.G.013	D0059097			
071.6750.00	45.G.012	D0059095			
071.6900.07	45.G.012	D0059095			
071.6904.07	45.G.012	D0059095			
071.6925.--	45.G.011	D0059094			
071.6926.--	45.G.011	D0059094			
071.6927.--	45.G.011	D0059094			
071.7000.XX	45.G.004	D0058617			
071.7001.XX	45.G.004	D0058617			
071.7002.XX	45.G.004	D0058617			
071.7003.XX	45.G.004	D0058617			
071.7006.XX	45.G.005	D0058619			
071.7009.XX	45.G.005	D0058619			
071.7015.04	45.G.018	D0059081			
071.7016.04	45.G.018	D0059081			
071.7017.04	45.G.018	D0059081			
071.7038.--	45.G.022	D0059090			
071.7039.--	45.G.022	D0059090			
071.7042.XX	45.G.006	D0058620			
071.7043.XX	45.G.006	D0058620			
071.7044.XX	45.G.006	D0058620			
071.7049.XX	45.G.012	D0059095			
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071.7092.04	45.G.019	D0059082			
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080.9381.04	45.G.020	D0059098			
080.9448.04	45.G.019	D0059082			
080.9540.04	45.G.017	D0059080			
080.9553.04	45.G.019	D0059082			
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080.9571.XX	45.G.019	D0059082			
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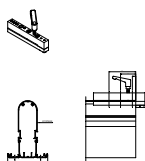
Art. N°			Art. N°		
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052.5371.-- (45.G.023)	052.5372.-- (45.G.023)	053.5472.-- (45.G.024)	054.5440.-- (45.G.022)	065.6555.04 (45.G.022)
071.6320.XX (45.G.016)	071.6321.XX (45.G.016)	071.6330.XX (45.G.015)	071.6349.XX (45.G.014)	071.6350.XX (45.G.014)
071.6554.SY (45.G.022)	071.6620.00 (45.G.013)	071.6750.00 (45.G.012)	071.6900.07 (45.G.012)	071.6904.07 (45.G.012)
071.6925.-- (45.G.011)	071.6926.-- (45.G.011)	071.6927.-- (45.G.011)	071.7000.XX (45.G.004)	071.7001.XX (45.G.004)
071.7002.XX (45.G.004)	071.7003.XX (45.G.004)	071.7006.XX (45.G.005)	071.7009.XX (45.G.005)	071.7015.04 (45.G.018)
071.7016.04 (45.G.018)	071.7017.04 (45.G.018)	071.7038.-- (45.G.022)	071.7039.-- (45.G.022)	071.7042.XX (45.G.006)

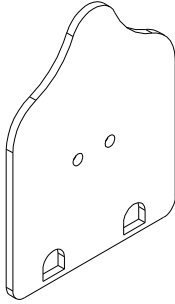
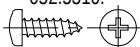
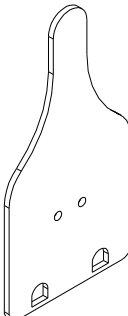
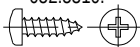
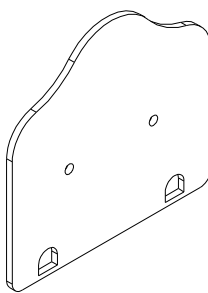
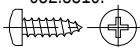
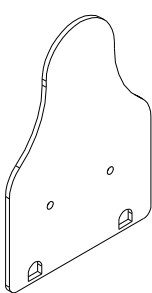
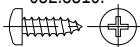
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071.7052.XX (45.G.007)	071.7053.XX (45.G.007)	071.7054.XX (45.G.007)	071.7060.XX (45.G.010)	071.7061.XX (45.G.010)
				
071.7072.04 (45.G.008)	071.7073.04 (45.G.008)	071.7074.04 (45.G.008)	071.7080.04 (45.G.008)	071.7081.04 (45.G.008)
				
071.7082.04 (45.G.009)	071.7083.04 (45.G.009)	071.7084.04 (45.G.009)	071.7090.04 (45.G.010)	071.7091.04 (45.G.010)
				
071.7092.04 (45.G.019)	080.9364.04 (45.G.017)	080.9365.04 (45.G.017)	080.9366.SY (45.G.017)	080.9381.04 (45.G.020)
				
080.9448.04 (45.G.019)	080.9540.04 (45.G.017)	080.9553.04 (45.G.019)	080.9554.SY (45.G.020)	080.9555.SY (45.G.020)
				
080.9567.04 (45.G.019)	080.9571.SY (45.G.019)	080.9710.04 (45.G.021)	080.9711.04 (45.G.021)	080.9810.SY (45.G.017)
				

097.0697.00

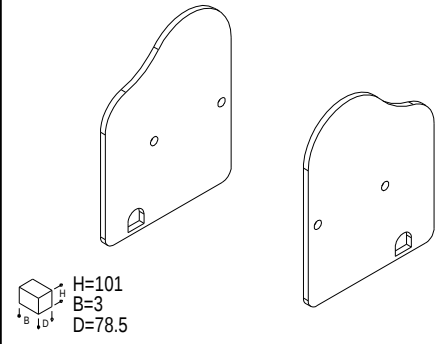
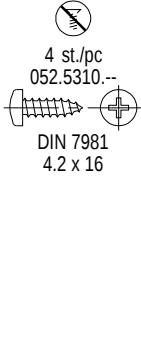
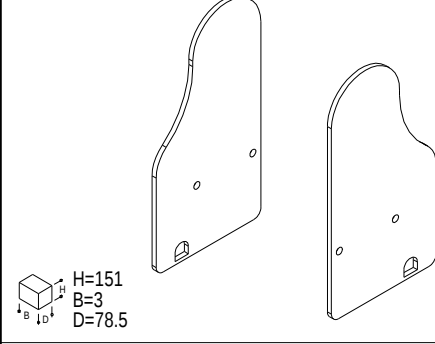
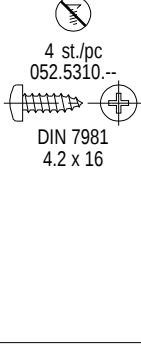
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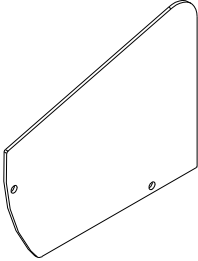
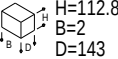
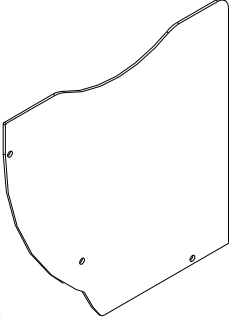
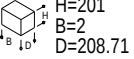
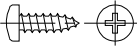
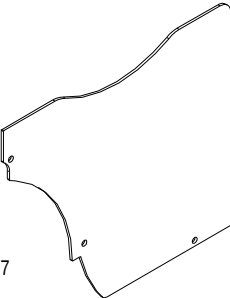
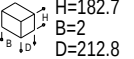
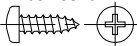
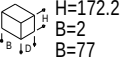
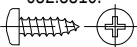
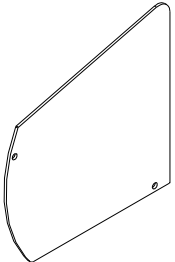
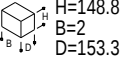
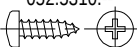




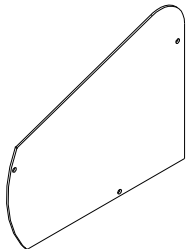
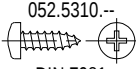
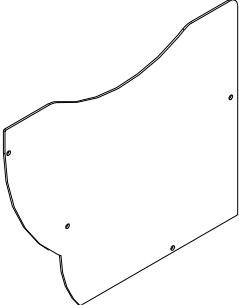
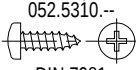
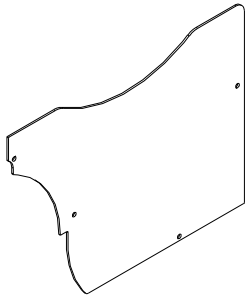
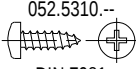
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 H=151 B=3 D=76	071.7001.XX STOOTPLAAT ARRET VITRAGE TOITURE GLASS PANEL STOP ENDSTUECK VERGLASUNG	PR 100 017.0791.XX	2 st./pc 052.5310.--  DIN 7981 4.2 x 16
 H=101 B=3 D=106	071.7002.XX STOOTPLAAT ARRET VITRAGE TOITURE GLASS PANEL STOP ENDSTUECK VERGLASUNG	PR 100 017.0792.XX	2 st./pc 052.5310.--  DIN 7981 4.2 x 16
 H=151 B=3 D=106	071.7003.XX STOOTPLAAT ARRET VITRAGE TOITURE GLASS PANEL STOP ENDSTUECK VERGLASUNG	PR 100 017.0793.XX	2 st./pc 052.5310.--  DIN 7981 4.2 x 16



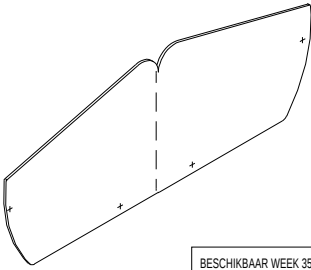
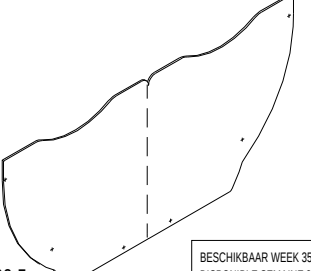
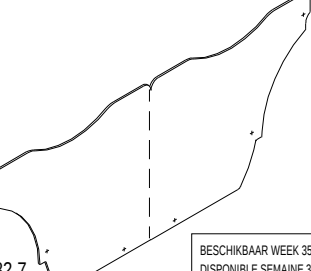
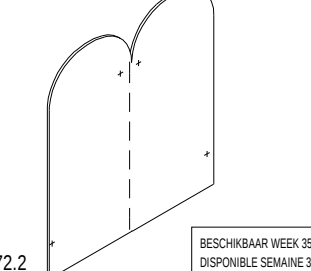
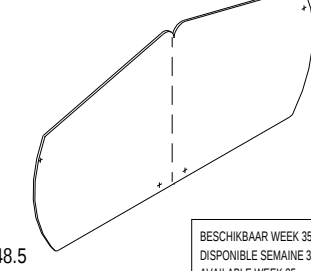
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 H=151 B=3 D=78.5	071.7009.XX STOOTPLAAT ARRET VITRAGE TOITURE GLASS PANEL STOP ENDSTUECK VERGLASUNG	PR 100 017.0795.XX 017.0797.XX		 4 st./pc 052.5310.-- DIN 7981 4.2 x 16

  H=112.8 B=2 D=143	071.7042.XX AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 017.0774.XX	 2 st./pc 052.5310.--  DIN 7981 4.2 x 16
  H=201 B=2 D=208.71	071.7043.XX AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 017.0774.XX 017.0783.XX	 3 st./pc 052.5310.--  DIN 7981 4.2 x 16
  H=182.7 B=2 D=212.8	071.7044.XX AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 017.0774.XX 017.0782.XX	 3 st./pc 052.5310.--  DIN 7981 4.2 x 16
  H=172.2 B=2 B=77	071.7050.XX AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 017.0780.XX	 2 st./pc 052.5310.--  DIN 7981 4.2 x 16
  H=148.8 B=2 D=153.3	071.7051.XX AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 017.0778.XX	 2 st./pc 052.5310.--  DIN 7981 4.2 x 16

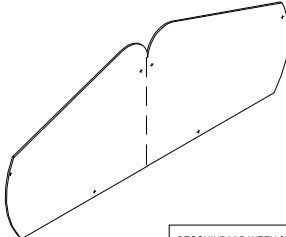
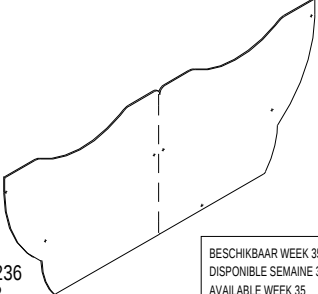
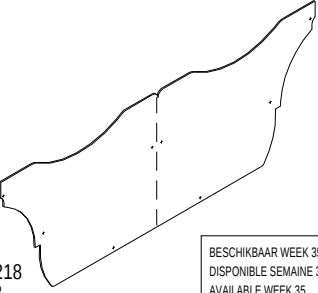


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  H=236 B=2 D=290	071.7053.XX AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 017.0778.XX 017.0780.XX 017.0783.XX		 4 st./pc 052.5310.--  DIN 7981 4.2 x 16
  H=218 B=2 D=294	071.7054.XX AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 017.0778.XX 017.0780.XX 017.0782.XX		 4 st./pc 052.5310.--  DIN 7981 4.2 x 16



  H=112.8 B=2 D=284.8 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCH 35	071.7072.04 AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 071.7042.XX		
  H=200.5 B=2 D=417.4 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCH 35	071.7073.04 AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 071.7043.XX		
  H=182.7 B=2 D=425.5 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCH 35	071.7074.04 AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 071.7044.XX		
  H=172.2 B=2 D=154 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCH 35	071.7080.04 AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 071.7050.XX		
  H=148.5 B=2 D=306.6 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCH 35	071.7081.04 AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 071.7051.XX		



 H=176.2 B=2 D=440.6 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCHE 35	071.7082.04 AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 071.7052.XX		
 H=236 B=2 D=580.1 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCHE 35	071.7083.04 AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 071.7053.XX		
 H=218 B=2 D=588.1 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCHE 35	071.7084.04 AFDICHTING ZIJKANT GOOT FERMETURE LATÉRALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100 071.7054.XX		

**071.7060.XX**

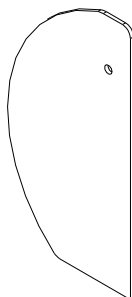
AFDICHTING ZIJKANT MUURPROFIEL

FERMETURE LATÉRALE CÔTÉ PROFILE MURAL

END PIECE SIDE WALL PROFILE

ENDKAPPE SEITE MAUERPROFIL

PR 100
017.1722.XX1 st./pc
052.5310.--DIN 7981
4.2 x 16

H=131
B=66.8
D=2
**071.7061.XX**

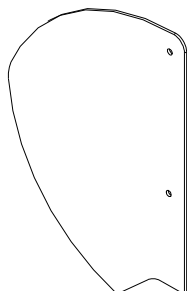
AFDICHTING ZIJKANT MUURPROFIEL

FERMETURE LATÉRALE CÔTÉ PROFILE MURAL

END PIECE SIDE WALL PROFILE

ENDKAPPE SEITE MAUERPROFIL

PR 100
017.0721.XX
017.0740.XX2 st./pc
052.5310.--DIN 7981
4.2 x 16

H=236.5
B=165.2
D=2
**071.7090.04**

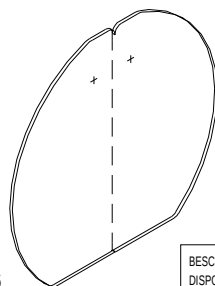
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FERMETURE LATÉRALE CÔTÉ PROFILE MURAL

END PIECE SIDE WALL PROFILE

ENDKAPPE SEITE MAUERPROFIL

PR 100
071.7060.XX

H=146
B=2
D=153.4

 BESCHIKBAAR WEEK 35
DISPONIBLE SEMAINE 35
AVAILABLE WEEK 35
VERFÜGBAR WOCHE 35
071.7091.04

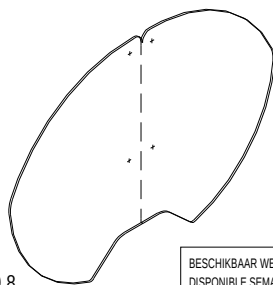
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FERMETURE LATÉRALE CÔTÉ PROFILE MURAL

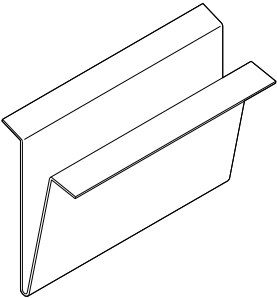
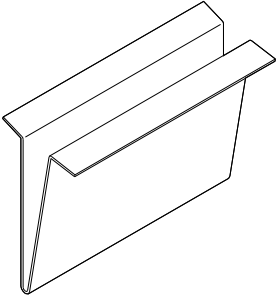
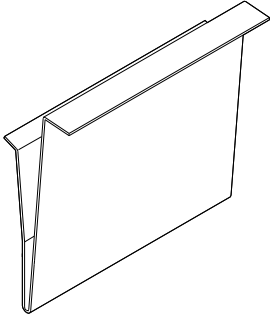
END PIECE SIDE WALL PROFILE

ENDKAPPE SEITE MAUERPROFIL

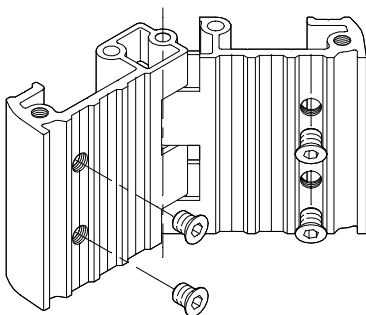
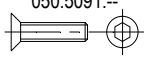
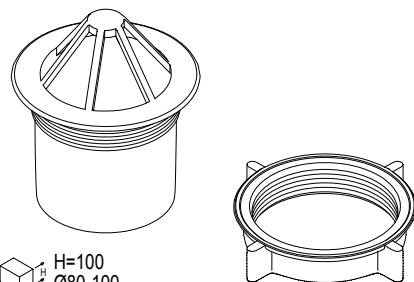
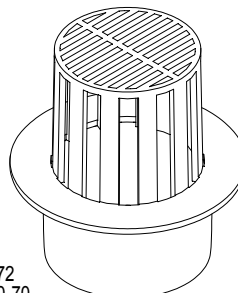
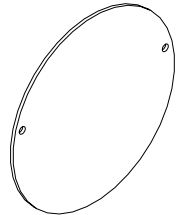
PR 100
071.7061.XX

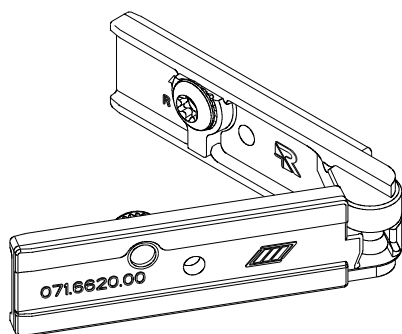
H=239.8
B=2
D=329.8

 BESCHIKBAAR WEEK 35
DISPONIBLE SEMAINE 35
AVAILABLE WEEK 35
VERFÜGBAR WOCHE 35



	071.6925.-- KLEMSTUK 16MM CLIP 16MM CLIP 16MM WINDSOGSICHERUNG 16MM	PR 200 TR 200 PR 100		
	071.6926.-- KLEMSTUK 20MM CLIP 20MM CLIP 20MM WINDSOGSICHERUNG 20MM	PR 200 TR 200 PR 100		
	071.6927.-- KLEMSTUK 32MM CLIP 32MM CLIP 32MM WINDSOGSICHERUNG 32MM	PR 200 TR 200 PR 100		



	071.6750.00 SCHROEFHOEK VERSTELBAAR EQUERRE A VISSER REGLABLE SCREW CORNER CLEAT ADJUSTABLE SCHRAUBECKWINKEL VERSTELLBAR	TR 200 PR 100		4 st./pc 050.5091.--  M8 x 10
 H=100 Ø80-100	071.6900.07 UITLOOP DAKGOOT CREPINE GOUTTIERE CONNECTION PIECE GUTTER DRAINPIPE REGENABFUEHRABSCHLUSS DACHRINNE	CW 50 CW 60 TR 200 BOREALE CR 120 PR 100		
 H=72 Ø50-70	071.6904.07 UITLOOP DAKGOOT CREPINE GOUTTIERE CONNECTION PIECE GUTTER DRAINPIPE REGENABFUEHRABSCHLUSS DACHRINNE	CW 50 CW 60 TR 200 BOREALE CR 120 PR 100		
 H=121 B=2 D=121	071.7049.XX AFDICHTING ZIJKANT GOOT FERMETURE LATERALE GOUTTIERE END PIECE GUTTER ENDKAPPE DACHRINNE	PR 100		

**071.6620.00**

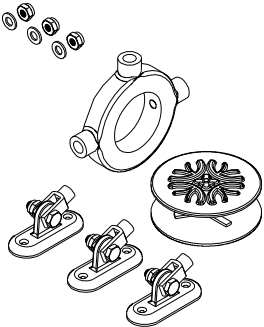
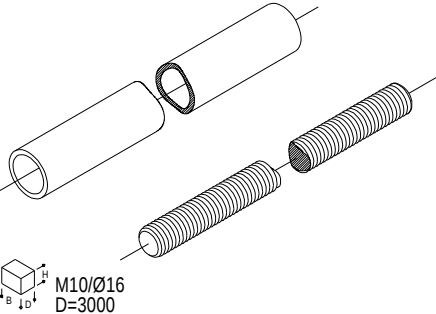
HOEKVERBINDING VERSTELBAAR

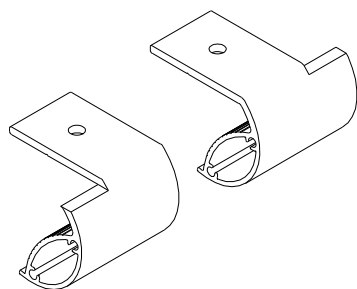
EQUERRE REGLABLE

CORNER CLEAT ADJUSTABLE

ECKWINKEL VERSTELLBAR

TR 200
BOREALE
CR 120

	071.6349.XX SIERSTUK ELEMENT DECORATIF ORNAMENTAL PIECE ZIERSTUECK	CR 120 PR 100		
	071.6350.XX DRAADSTANG EN AFDEKPROFIEL BARRE FILETEE ET PROFILE DE RECouvreMENT THREADED ROD AND COVERING PROFILE GEWINDESTANGE UND ABDECKPROFIL	CR 120 PR 100		

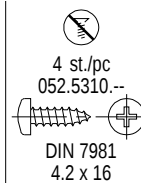
**071.6330.XX**

KOPPELSTUKKEN GOOT

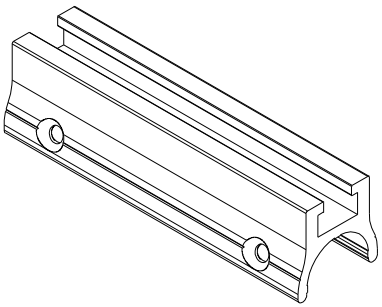
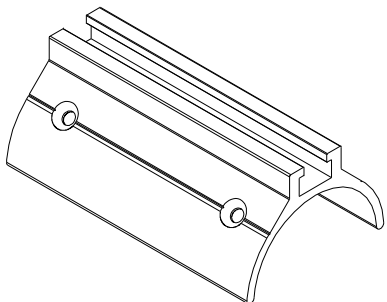
PIECES DE RACCORDEMENT GOUTTIERE

CONNECTION PIECES GUTTER

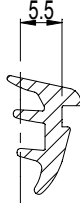
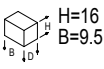
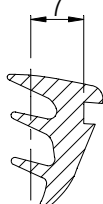
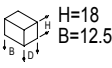
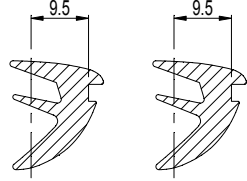
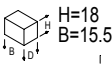
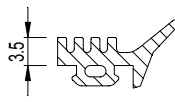
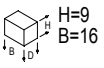
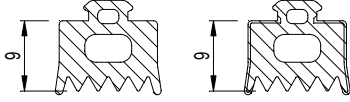
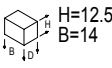
KOPPLUNGSSTUECKE RINNENPROFIL

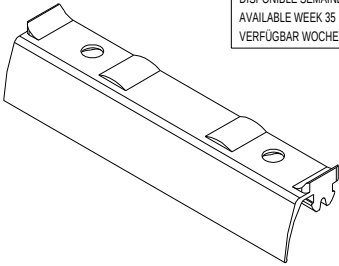
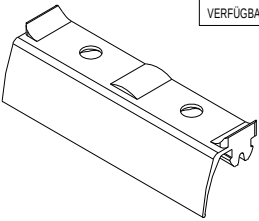
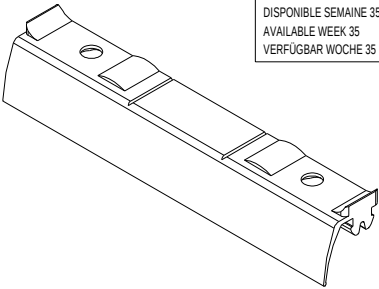
PR 100
017.0778.XX

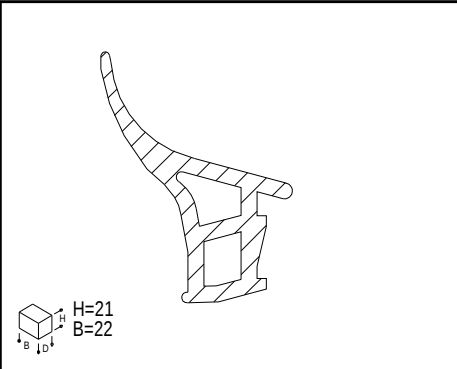
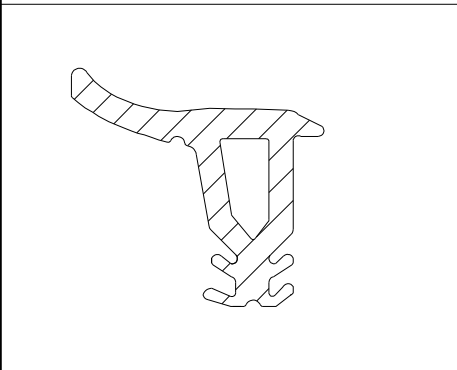
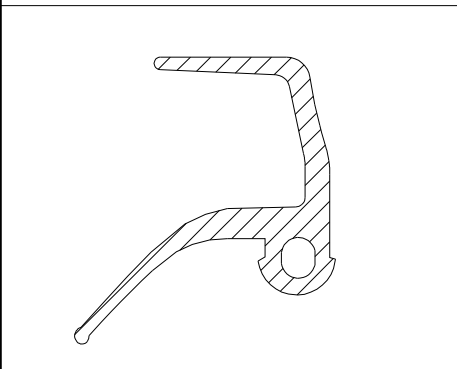
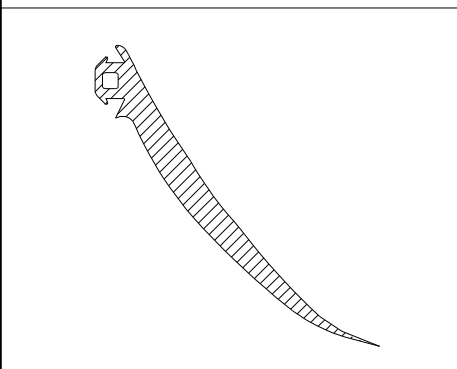
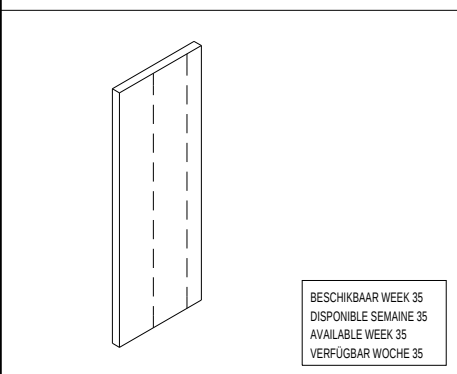


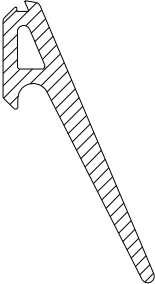
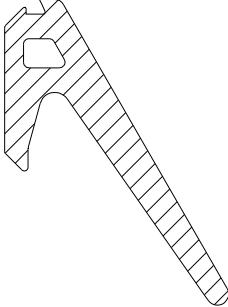
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	071.6321.XX VERBINDINGSSTUK ZONWERING PIECE DE RACCORDEMENT PROTECTION BRISE-SOLEIL CONNECTION PIECE SUN SCREEN VERBINDUNGSSTUECK SONNENSCHUTZ	PR 100 017.0792.XX 017.0793.XX 017.0794.XX 017.0795.XX 017.0796.XX 017.0797.XX		



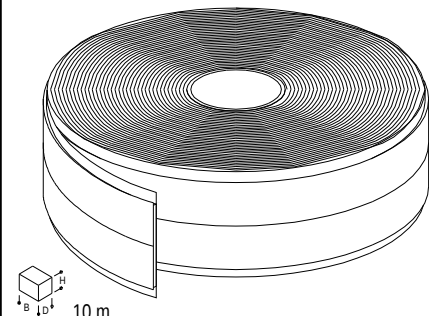
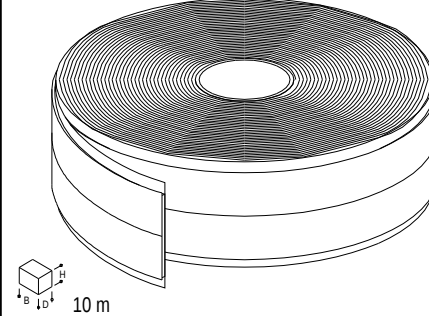
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 	080.9365.04 BEGLAZINGSDICHTING DROGE BEGLAZING 5.5-6.5MM JOINT DE VITRAGE 5.5-6.5MM GLAZING GASKET 5.5-6.5MM VERGLASUNGSDICHTUNG 5.5-6.5MM	AV 40 TP 110 TP 138 TLS 110 CW 50-SC PR 100		
  .N4 = NOT SILICONISED	080.9366.SY BEGLAZINGSDICHTING DROGE BEGLAZING 6.5-9.5MM JOINT DE VITRAGE - VITRAGE SEC 6.5-9.5MM GLAZING GASKET DRY GLAZING 6.5-9.5MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 6.5-9.5MM	AV 40 TP 110 TP 138 TLS 110 CW 50-SC CW 50-SG PR 100		
 	080.9540.04 BEGLAZINGSDICHTING DROGE BEGLAZING 3.5MM JOINT DE VITRAGE - VITRAGE SEC 3.5MM GLAZING GASKET DRY GLAZING 3.5MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 3.5MM	TP 110 TP 138 TLS 110 CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 TR 200 BOREALE CR 120 CW 50-SG CW 50-SL	PR 100 CW 60-HI	
 	080.9810.SY BEGLAZINGSDICHTING DRAGER 9MM JOINT DE VITRAGE MENEAU 9MM GLAZING GASKET SUSPENSION 9MM VERGLASUNGSDICHTUNG PFOSTEN 9MM	CW 65-EF CW 50 CW 50-RA CW 60 TR 200 CW 50-SG CW 60-SG CW 50-SL PR 100		

 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCH 35	071.7015.04 AFDICHTINGSSTUK 105MM PIECE D'ETANCHEITE 105MM SEALING PIECE 105MM DICHTUNGSSTUECK 105MM	PR 100 017.0792.XX 017.0793.XX		
 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCH 35	071.7016.04 AFDICHTINGSSTUK 75MM PIECE D'ETANCHEITE 75MM SEALING PIECE 75MM DICHTUNGSSTUECK 75MM	PR 100 017.0790.XX 017.0791.XX		
 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCH 35	071.7017.04 AFDICHTINGSSTUK 77.5MM PIECE D'ETANCHEITE 77.5MM SEALING PIECE 77.5MM DICHTUNGSSTUECK 77.5MM	PR 100 017.0794.XX 017.0795.XX 017.0796.XX 017.0797.XX		

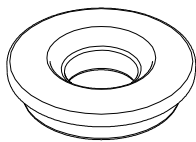
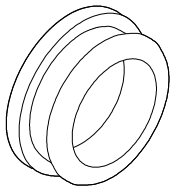
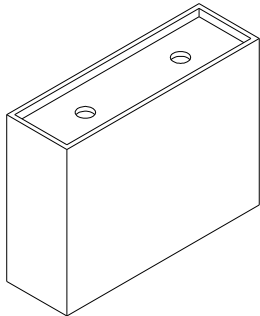
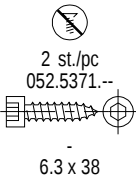
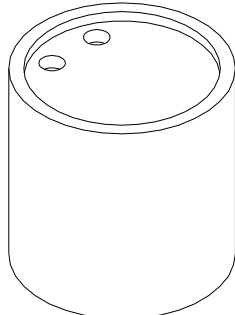
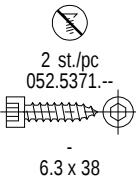
	080.9448.04 MUURAANSLUITING RACCORD MURAL WALL SECTION MAUERANSCHLUSS	PR 200 TR 200 PR 100		
	080.9553.04 DICHTING MUURAANSLUITING JOINT RACCORD MURAL GASKET WALL SECTION DICHTUNG MAUERANSCHLUSS	TR 200 PR 100		
	080.9567.04 DICHTING VERANDA JOINT VERANDA GASKET VERANDA DICHTUNG VERANDA	TR 200 PR 100		
	080.9571.SY DICHTING MUURAANSLUITING VERANDA JOINT RACCORD MURAL VERANDA GASKET WALL SECTION VERANDA DICHTUNG MAUERANSCHLUSS VERANDA	PR 200 TR 200 CINTRO PR 100		
 BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCHE 35	071.7092.04 DICHTING MUURAANSLUITING VERANDA JOINT RACCORD MURAL VERANDA GASKET WALL SECTION VERANDA DICHTUNG MAUERANSCHLUSS VERANDA	PR 100		

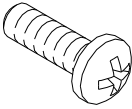
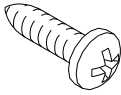
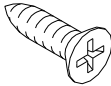
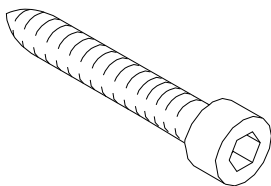
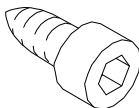
	080.9381.04 DICHTING Ø4MM JOINT Ø4MM GASKET Ø4MM DICHTUNG Ø4MM	 CS 59 CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60 CW 50-SC CW 50-SG CW 60-SG CW 50-SL Eco system Eco system-AP CS 24-SL	CW 60-SC CW 60-HI CW 60-HL	
 	080.9554.04 DICHTING VERANDA 6-22MM JOINT VERANDA 6-22MM GASKET VERANDA 6-22MM DICHTUNG VERANDA 6-22MM	 PR 200 TR 200 CR 120 PR 100		
 	080.9555.04 DICHTING 23-32MM JOINT 23-32MM GASKET 23-32MM DICHTUNG 23-32MM	 PR 200 TR 200 CR 120 PR 100		

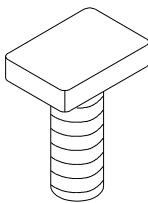
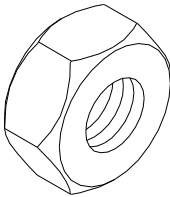
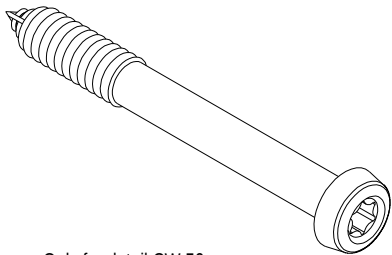


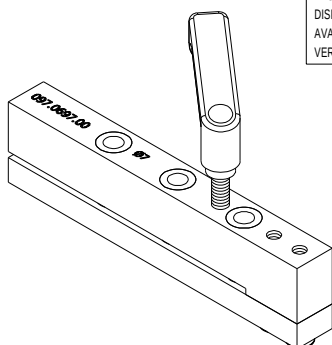
	080.9710.04 AFDICHTINGSBAND 45MM JOINT D'ETANCHEITE 45MM SEALING TAPE 45MM ABDICHTUNGSBAND 45MM	CW 50 CW 50-HI CW 50-RA CW 60 PR 200 TR 200 BOREALE CR 120 PR 100 CW 60-HI		
	080.9711.04 AFDICHTINGSBAND 55MM JOINT D'ETANCHEITE 55MM SEALING TAPE 55MM ABDICHTUNGSBAND 55MM	CW 50 CW 50-HI CW 50-RA CW 60 PR 200 TR 200 BOREALE CR 120 PR 100 CW 60-HI		



	054.5440.-- RING NEOPREEN Ø6.8MM RONDELLE NEOPRENE Ø6.8MM WASHER NEOPRENE Ø6.8MM DICHTSCHEIBE NEOPRENE Ø6.8MM	TR 200 PR 100		
  B=7	065.6555.04 STOP Ø10MM BOUHE-TROU Ø10MM PLUG Ø10MM VERSCHLUSSKAPPE Ø10MM	PS 45 TS 45 PS 50 TS 50 TS 57 CS 59Pa CS 59 CS 68 VISION 50 TP 110 TP 138 CP 155 CP 155-LS	CW 60 PR 200 TR 200 MOSQUITO CR 120 CS 77 CS 77-BP CS 38-SL CS 38-SL/AP PR 100	
.01 .04    Ø=14	071.6554.SY AFDEKKAP CAPUCHON FACE CAP ABDECKKAPPE	TP 110 TLS 110 CP 155 PR 200 TR 200 CR 120 CP 50 CP 96 CP 96-LS CP 96-AP CP 96-LS/AP TP 110-Re PR 100		
BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCH 35   H=60 B=25 D=80	071.7038.-- BEVESTIGINGSSTUK Ø10MM PIECE DE FIXATION Ø10MM FIXING PIECE Ø10MM BEFESTIGUNGSSTUECK Ø10MM	PR 100		 2 st./pc 052.5371.-- - 6.3 x 38
BESCHIKBAAR WEEK 35 DISPONIBLE SEMAINE 35 AVAILABLE WEEK 35 VERFÜGBAR WOCH 35   Ø60MM	071.7039.-- CILINDER Ø60MM CYLINDRE Ø60MM CYLINDER Ø60MM ZYLINDER Ø60MM	PR 100		 2 st./pc 052.5371.-- - 6.3 x 38

	050.5013.-- SCHROEF DIN 7985 INOX M5X16 VIS DIN 7985 INOX M5X16 SCREW DIN 7985 INOX M5X16 SCHRAUBE DIN 7985 INOX M5X16	CW 86 GP 51 PR 100		
	052.5310.-- ZT SCHROEF DIN 7981 INOX 4.2x16 VIS PARKER DIN 7981 INOX 4.2x16 ST-SCREW DIN 7981 INOX 4.2x16 BLECHSCHRAUBE DIN 7981 INOX 4.2x16	VISION 50 CW 50 TR 200 BOREALE MOSQUITO CR 120 CW 86 Eco system Eco system-AP PR 100		
	052.5311.-- ZT SCHROEF DIN 7982 INOX 4.2x16 VIS PARKER DIN 7982 INOX 4.2x16 ST-SCREW DIN 7982 INOX 4.2x16 BLECHSCHRAUBE DIN 7982 INOX 4.2x16	MOSQUITO CW 86 CS 77-BP BS 100 Eco system PR 100		
	052.5371.-- ZT SCHROEF INOX 6.3x38 VIS PARKER INOX 6.3x38 ST-SCREW INOX 6.3x38 BLECHSCHRAUBE INOX 6.3x38	PS 50 PS 50-SP TS 50 CP 155 CP 155-LS CW 86-EF CW 86 PR 100		
	052.5372.-- ZT SCHROEF DIN 912 INOX 6.3x12.7 VIS PARKER DIN 912 INOX 6.3x12.7 ST-SCREW DIN 912 INOX 6.3x12.7 BLECHSCHRAUBE DIN 912 INOX 6.3x12.7	CP 155 CW 86 PR 100		

	050.5381.-- VIERKANTKOPBOUT M6x16 VIS TETE CARREE M6x16 SQUARE BOLT M6x16 VIERKANTKOPFBOLTZEN M6x16	RB 10 PR 100		
	050.5395.-- ZESKANTMOER DIN 934 INOX M6 ECROU HEXAGONALE DIN 934 INOX M6 HEXAGON NUT DIN 934 INOX M6 SECHSKANTMUTTER DIN 934 INOX M6	VISION 50 CW 86 CP 50-Mb PR 100		
  Only for detail CW 50 TORX 25	053.5472.-- TORX SCHROEF ZELFBOREND INOX 6.3x55 VIS TORX AUTOPERCEUSE INOX 6.3x55 TORX SCREW SELF-DRILLING INOX 6.3x55 BLECHSCHRAUBE TORX INOX 6.3x55	CW 50 CW 50-HI CW 50-HL CW 50-RA CW 50-SL PR 100		



BESCHIKBAAR WEEK 40
DISPONIBLE SEMAINE 40
AVAILABLE WEEK 40
VERFÜGBAR WOCHE 40

097.0697.00

BOORMAL SCHROEFVERBINDING

CALIBRE DE PERCAGE JONCTION A VISSER

BORING JIG SCREW CONNECTION

BOHRLEHRE VERSCHRAUBUNG

PR 100

