

CP 68-AP

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Inhoud

INHOUDSTAFEL 47G.001-008

Algemene informatie

CERTIFICATEN 47G.A.001-002
 SYMBOLENLIJST 47G.A.002_01.001-002_01.008

Algemene informatie systemen

CE-PASSPORT 47G.B.001-006
 U-WAARDEN 47G.B.007-014

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 ZIJKANT VLEUGEL 47G.C.005
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 2-RAIL XQX 47G.E.010-012
 2-RAIL XQQ 47G.E.013
 2-RAIL XQX 47G.E.014

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 BEVESTIGING VASTE VLEUGEL 47G.F.015
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 MONTAGE SLOT 47G.F.018-019
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 MONTAGE VLEUGEL 47G.F.022-023
 MONTAGE BEVESTIGINGSSET VLEUGEL 47G.F.024-026

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 TOEBEHOREN MONTAGE 47G.G.008
 TOEBEHOREN AFWERKING 47G.G.009-010
 BORSTELDICHTING 47G.G.011
 DIVERSEN 47G.G.012-014
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		D0097298			
47G.F.012	09/2015				
47G.F.014	09/2015	D0097309			
47G.F.016	06/2015	D0097447			
47G.F.018	09/2015	D0097519			
47G.F.020	09/2015	D0097301			
		D0097541			
47G.F.022	09/2015				
47G.F.024	06/2015	D0097300			
47G.F.026	09/2015	D0097311			
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		D0097561			
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47G.G.004	09/2015	D0097275			
47G.G.005	09/2015	D0097277			
47G.G.006	09/2015	D0097278			
47G.G.007	09/2015	D0097516			
		D0097279			
47G.G.008	09/2015				
47G.G.009	09/2015	D0097280			
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47G.G.011	09/2015	D0097282			
47G.G.012	09/2015	D0097283			

A



Algemene informatie

General Information

Généralités

Allgemeine Information

ANTI-BURGULAR PROF.	STANDARD	CLASS	REPORT NUMBER	MAX CERT. DIMENSION (B x H)	
X Q	EN 1627 - 1630	RC 2	PIV / 45-41/14	B max: 2000MM	H max: 1600MM
X Q X	EN 1627 - 1630	RC 2	PIV / 45-42/14	B max: 3000MM	H max: 1600MM
 MAX. TOELAATBARE AFM. DIMENSIONS MAX. ADMISSIBLE MAX. ADMISSIBLE SIZES MAX. ZULAESSIGE ABMESSUNGEN	EN 1627 - 1630	RC 2	PIV / 45-42/14	XQ B max: 3000MM XQX B max: 4500MM	H max: 2500MM H max: 2500MM

	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 Verstaerkungsprofil	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 Merkzeichen	Indicación Znak Contrassegno		Reynaprotector Reynaprotector Reynaprotector Reynaprotector	Reynaprotector Reynaprotector Reynaprotector Reynaprotector
	Struktureel gelijmd glaswerk Vitrage extérieur collé Structural sealing glazing UV-beständiger Scheibenrandverbund	Sellado acristalado estructural Szyba klejona spoiwem konstrukcyjnym Siliconatura vetro strutturale			
	Primaire zichtzijde van een profiel Côté visible primaire d'un profilé Primary visible side of a profile Primäre sichtbare Seite eines Profils	Cara vista principal del perfil Główna widoczna powierzchnia profilu Primo lato visibile di un profilo			
	Secundaire zichtzijde van een profiel Côté visible secondaire d'un profilé Secondary visible side of a profile Sekund. sichtbare Seite eines Profils	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		Para perfil en bicolor (.69) debe indicarse primero el color del perfil externo (e) Dla profili dwukolorowych (.69) w pierwszej kolejności powinny być wskazany kolor zewnętrznej strony profilu (e) Nei profili bicolore (.69) prima di tutto indicare il colore del profilo esterno (e)		



Inbraakwerend
Anti-vol
Burglar proof
Einbruchhemmend

Protección anti-robo
Antywłamaniowe
Antiscasso



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 8



Basisveiligheid
Securité de base
Basic safety
Basissicherheit

Seguridad básica
Antywłamaniowosc podstawowa
Antiscasso base



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



Testen uitgevoerd volgens
norm EN 1627-1630
Essais effectués par conformément
la norme EN 1627-1630
Tests carried out according to
standard EN 1627-1630
Einbruchhemmende Prüfungen
gemäß Norm EN 1627-1630

Ensayos realizados según
norma EN 1627-1630
Badania wykonane według
normy EN 1627-1630
Antiscasso secondo
EN 1627-1630



Pershoekverbinding
Equerre à serrer
Crimp corner cleat
Presseckverbinder

Escuadra de ensamblar
Naroznik zaciskany
Squadrette a cianfrinare



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



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
zatrzaszkiwanych
Squadrette ad avvitare
(*) solo per accessori a scatto



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 5096 + ENV 1627
Antiscasso secondo
NEN 5096 + 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



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 durch-
geführt beim IBS (Österreich)
gemäß Norm Ö B 3800/3850

Ensayos hechos por IBS
(Austria) según la estandard
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



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
ausßen öffnendes Fenster

Tope Unión con tornillo apertura exterior
Lacznik teowy skrecany do okien
otwieranych na zewnatrz
Cavallotti conuiti ap. est.



Testen uitgevoerd door
instituut TNO (Nederland) volgens
norm NEN 6069:1997
Essais effectués par TNO
(Hollande) conformément
la norme NEN 6069:1997
Tests carried out by TNO
(The Netherlands) according to
standard NEN 6069:1997
Brandschutzprüfungen durch-
geführt 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 Schraubeckwinkel

Escuadra de atornillar regulable
Katowy naroznik skrecany
Squadrette ad avvitare regolabili



Brandwerend
Anti-feu
Fire-proof
Feuerhemmend

Resistente al fuego
Ogniodoporne
Anti fuoco



Hoekverbinding met nagel
Equerre avec cheville
Corner cleat with drive pin
Eckverbinder mit Stift

Escuadra con clavia
Lacznik narozny sworzniowy
Squadretta a spinare



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



T-verbinding met nagel
voor buitendraaiend raam
Jonction-T avec cheville
pour fenêtre ouvrant vers l'ext.
T-bracket with drive pin
outward opening window
T-Verbinder mit Stift nach
ausßen öffnendes Fenster

Tope unión con clavia apertura exterior
Lacznik teowy sworzniowy do okien
otwieranych na zewnatrz
Cavallotto a spinare ap. est.



Toebehoren brandwerend
Accessoires anti-feu
Fire-proof accessories
Feuerhemmender Zubehör

Accesorios resistente al fuego
Akcesoria ogniodoporne
Accessori Anti fuoco



Verstelbare T-verbinding
Jonction-T réglable
Adjustable T-bracket
Verstellbarer T-Verbinder

Union T regulable
Lacznik teowy nastawny
Giunti a T regolabili



Gelaagd glas
Verre feuilleté
Laminated glass
Verbundglas

Vidrio Laminado
Szyba laminowana
Vetro laminato



Kruisverbindingen
Jonctions transversales
Cross connections
Kreuzverbindungen

Uniones transversales
Polaczenie krzyzowe
Collegamento a croce



Glas
Verre
Glass
Glas

Vidrio
Szyba
Vetro



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



Handleiding
Manuel
Manual
Gebrauchsanweisung

Manual
Instrukcja
Manuale



Bevestiging drager
Fixation chevon
Fixation rafter
Befestigung Dachsparren

Fijacion mainel
Mocowanie krokwi
Fissaggio montante



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

	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		Keine elektrische Spannung bei geschlossener Tür	
	Tweepuntsluiting Fermeture à 2 points 2-Point lock Zweifachverriegelung	Cerradura de 2 puntos Zamek 2-punktowy Serratura a 2 punti di chiusura		Raampompen Crémones Window handles Handhebel	Cremona Klamka okienna Cremonese
	Driepuntsluiting Fermeture à 3 points 3-Point lock Dreifachverriegelung	Cerradura de 3 puntos Zamek 3-punktowy Serratura a 3 punti di chiusura		Deurkrukken Béquilles Door handles Türdrücker	Manubrios Klamka drzwiowa Maniglie
	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		Sluitingen dubbele deur Serrures pour porte double Locks for double door Türeibriegel	Cerradura puerta doble Blokada drzwi dwuskrzydłowych Serratura porta a 2 ante
	Vierpuntsluiting Fermeture à 4 points 4-Point lock Vierfachverriegelung	Cerradura de 4 puntos Zamek 4-punktowy Serratura a 4 punti di chiusura		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.
	Vijfpuntsluiting Fermeture à 5 points 5-Point lock Fünffachverriegelung	Cerradura de 5 puntos Zamek 5-punktowy Serratura a 5 punti di chiusura			
	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		Raamscharnieren Paumelles pour fenêtres Window hinges Fensterbänder	Bisagras ventana Zawias okienne Cerniere
	Zespuitsluiting Fermeture à 6 points 6-Point lock Sechsfachverriegelung	Cerradura de 6 puntos Zamek 6-punktowy Serratura a 6 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
	Zevenpuntsluiting Fermeture à 7 points 7-Point lock Siebenfachverriegelung	Cerradura de 7 puntos Zamek 7-punktowy Serratura a 7 punti di chiusura		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
	Espagnoletslot Fermeture espagnolette Espagnolette Lock Treibriegelverschluss	Cierre ventana Zamek drzwiowy do blokady pionowej Serratura a spagnoletta		Afstandsbusen Pièces de distance Set of distance bushes Distanzbuchsen	Piezas distanciadoras Tuleje dystansowe Set distanziali
	Cilinders Cylindres Cylinders Zylinder	Bombines Cylindry Cilindri		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
	Cylinderplaten Ecussons Cylinder covers PZ-Rosette	Escudos bombin Osłona wkładki bebenkowej Copertura cilindri		Inbraakwerende kogel Bille anti-vol Anti-burglar ball Einbruchhemmende Kugel	Bola proteccion antirobbo Kulka antywłamaniowa Antiscasso
	Slotpaden Gâches Receivers Schliessbleche	Gancho Gniazdo rygla zamka Riscontri		Dieveklauw Pene anti-degondage Anti-lift pin Sicherheitsbolzen	Perno antielevador Bolec antywyważeniowy Antisollevarento
	Deursluiters Ferre-ports Door closer Türschliesser	Cierrapuertas Samozamykacz drzwiowy Chijidiporta		Kozijndorpelveer Pivot de frein aerien Overhead closer Obentürschliesser	Muelle aereo Samozamykacz gorny Chiudi porta sup.
				Vloerveer Pivot de frein au sol Floor closer Bodentürschliesser	Muelle pavimento puerta Samozamykacz podłogowy Chiudi porta inf.



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
Drehkipp

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 telemando



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

Anclajes
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
Schliessenrollen und Schliesstücke

Bulones y cerraderos
Płytki i kolek ryglujące



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
Wypełnienie poliwęglanem 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
Vasistas



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

Perfiles alto aislamiento térmico
Profilo 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

	Eindstuk deurvleugel Pièce finale ouvr. porte End piece door vent Endkappe Türflügel		Tapeta hoja puerta Koncowka do skrzydła drzwiowego Terminale anta		Binnenbeglazingsdichting Joint à bourrer Inner glazing gasket Innenverglasungsdichtung		Junta de acristalado interior Uszczelka przyszybowa wewnętrzna Guarnizione del vetro interna
	Eindstukken bodemprofiel Pièces finales profilé de seuil End pieces floor profile Endkappe Schwelle		Piezas terminales perfil suelo Koncowki profilu podłogowego Terminale soglia		Buitenbeglazingsdichting Joint de vitrage extérieur Outer glazing gasket Aussenverglasungsdichtung		Junta de acristalado exterior Uszczelka przyszybowa zewnętrzna Guarnizione del vetro esterna
	Eindstukken Z-T deur Bouchon profilé porte Z-T End pieces Z-T door Endkappe Z-T Tür		Tapetas puerta Z-T Element końcowy Z-T drzwi Terminale profili porte Z e T		Buitenbeglazingsdichting 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 Flügelaußschlagdichtung		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
	Eindstukken stolpprofielen Bouchons double ouvrant End parts double casement profile Endkappe Stulpprofil		Tapetas perfil doble hoja Koncowka profilu ruchomego słupka Tappo inversione		Dilatatedichtingen Joints de dilatation Expansion gaskets Dehnungsdichtungen		Junta de dilatacion Uszczelka dylatacyjna Guarnizione di espansione
	Koppelstuk Pice de raccordement Connection piece Kopplungsstück		Pieza de union Element Łaczacy Accessori collegamento		Dichting Joint Gasket Dichtung		Junta Uszczelka Guarnizione
	Eindstukken voor stolpprofielen 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
	Afdichting goot Fermeture gouttière End piece gutter Endkappe Rinne		Tapetas canal Koncowka rynny Terminale gronda		Opzwellende Dichting Joint Gonflant Swelling Gasket Schwellende Dichtung		Junta veranda Uszczelka do werandy Guarnizione espansione
	Eindstuk Pièce finale End piece Endkappe		Terminal Koncowka Terminale		Dichting veranda Joint véranda 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		Borsteldichtingen Joints brosse Brushes Bürstendichtungen		Cepillos Szczotki Spazzole
	Veranda type 1 Veranda type 1 Veranda type 1 Veranda Typ 1		Veranda tipo 1 Veranda typu 1 Veranda tipo 1		Isolerend 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 końcowa Angolo prestampato
	Diversen Divers Miscellaneous Diverse		Diversos Elementy uzupełniające Varie		Isolatie Isolant Insulation Isolation		Aislamiento Izolacja Isolante
	Klemstuk Clip Clip Federklemme		Clip Uchwyt Clip		Brievkleppen 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 deur Fermetures automatiques Automatic door latches Automatische Türdichtungen		Cierrapuertas automaticos Drzwiowa automat. opadająca listwa Dispositivo di chiusura soglia
	Variant Variante Variant Variante						Variant Variante Variant Variante



Gereedschap
Outils
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
Outils et machines 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



Hoekenpers
Sertisseuse
Crimper
Eckverbindungsmaschine

Ensambladora
Zaciskarka narozy
Cianfrinatrice



Gereedschappen en machines voor ontwatering van vleugel
Outils et machines 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



Handmatrijs
Matrice manuelle
Manual punch tool
Handstanzwerkzeug

Prensa manual
Wykrojinik ręczny
Punzonatrice manuale



Gereedschap voor lijminjectie
Outils pour encollage
Tool for injection
Werkzeug fuer Klebeinjektion

Util para inyeccion
Narzędzie do wtrysku kleju
Utensile colla



Gereedschappen en machines voor T-verbinding
Outils et machines 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
Outils pour cremones
Tool for handles
Werkzeug fuer Handhebel

Util para manetas
Narzędzie do klamek
Utensile per maniglie



Gereedschap voor sluitlatten
Outils pour tringles
Tool for linkbars
Werkzeug fuer Schubstange

Util para barras union
Narzędzie do listew sterujacych okuciami
Utensile per barre di collegamento



Gereedschappen en machines voor krukuitsparing
Outils et machines pour fermeture
Tools and machinery for closure
Werkzeuge und Maschinen für Beschläge

Utiles y maquinaria para el cierre
Narzędzia i maszyny do zamknięć
Utensili e macchinari per le chiusure



Gereedschap voor T-verbindingen
Outils pour connections-T
Tool for T-connections
Werkzeug fuer T-Verbindungen

Util para topes de union
Narzędzie do polaczen Teowych
Utensile per travesi



Klemblokken
Blocs de serrage
Clamping blocks
Spannbacken

Bloques de presión
Blokki zaciskowe
Blocchetti di supporto



Multifunctionele matrijs
Matrice multifonctionnelle
Multifunctional punch tool
Mehrzweckstanzwerkzeug

Matriz multifuncional
Wykrojinik wielofunkcyjny
Punzonatrice multifunzionale



Gereedschap voor ontwatering buitenkaders
Outils 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
Wykrojinik
Punzonatrice



Gereedschap voor hoekverbinding
Outils pour connection d'angle
Tool for corner connection
Werkzeug fuer Eckverbindung

Util union esquina
Narzędzie do polaczen narożnych
Utensile per connessioni d'angolo



Handmatig gereedschap
Outils manuel
Manual tools
Handwerkzeuge

Util manual
Narzędzie ręczne
Dime



Gereedschap voor montage
Outils 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
Outils 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
Outils 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
Outils pour fermetures
Tool for locks
Werkzeug fuer Schlösser

Util para cerraduras
Narzędzie do zamka
Utensile serrature



Gereedschap voor wisselprofielen
Outils pour chicanes
Tool for sections
Werkzeug fuer Wechselprofile

Util para encuentros centrales
Narzędzie do przekrojow
Utensile chicanes



Gereedschap voor beglazing
Outils pour vitrage
Tool for glazing
Werkzeug fuer Verglasung

Util para acristalamiento
Narzędzie do przeszkleń
Utensile vetro



Gereedschap voor diverse toepassingen
Outils pour applications divers
Tool for miscellaneous applications
Werkzeug fuer diverse Anwendungen

Utiles para varias aplicaciones
Narzędzie do montazu elementow
Uzupelniajacych
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 neumático
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 montażu wózków
Utensile carrelli



Ponsunit
Unité d'étamper
Punch unit
Stanzeinheit

Punzon
Wykrojek
Unità 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 drenażu skrzydła
Utensile drenaggio anta



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

Longitud mínima del perfil
Minimalna długość 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 montażu górnego sworznia w oknie
Lavorazioni super. finestra pivotante



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

Longitud máxima del perfil
Maksymalna długość profilu
Lunghezza max profilo



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

Altura máxima del perfil
Maksymalna wysokość profilu
Max altezza



Uitfrezing voor inbouw vloerspeun in vleugel
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 montażu 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 katów 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 montażu górnego 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 katów pionowych
Dimensione taglio vert.



Motor
Moteur
Motor
Antrieb

Motor
Silownik napędowy
Motore



Monteertafel
Table de montage
Assembly bench
Montagetisch

Banco de montaje
Stół montażowy
Banco montaggio



Gewicht
Poids
Weight
Gewicht

Pesos
Ciężar
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 predkość obrotowa
Velocità max lama



Compressor
Compresseur
Compressor
Kompressor

Compresor
Kompresor
Compressore



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

Bola Dr. Hahn
Kulka Dr. Hahn
-



Mechanische aansluiting
Fixation mécanique
Mechanical connection
Mechanischer Anschluss

Conexión mecánica
Polaczenie mechaniczne
Fissaggio meccanico

B

Algemene informatie systemen

General Information System

Généralités séries

Allgemeine Information System

IV Product pass declaration of performance & CE marking

IV.1 GENERAL EXPLANATION

Following paragraphs indicate the performances which can be declared on the Declaration of Performance (DoP) in accordance with the Regulation EU 305/2011 of the European Parliament and of the Council of 9 March 2011.

The listed essential characteristics are the essential characteristics mentioned in hEN 14351-1+A1:2010: Windows and doors - Product standard, performance characteristics - Part 1: Windows and external pedestrian doorsets without resistance to fire and/or smoke leakage characteristics.

All essential characteristics should be mentioned on the DoP. Where no performance is required, NPD (No Performance Declared) can be used.

The mentioned performances are performances which can be achieved for the given dimensions when the product is fabricated following the Reynaers instruction manual (catalogue). The performances as mentioned will meet the requirements of the majority of projects.

Higher performances for smaller dimensions or lower performances for larger dimensions might be possible. In this case contact your Reynaers office. For AWW performances, the maximum dimensions indicated in the system catalogue must be respected.

It is evident that it is allowed to declare lower performances than those mentioned in the product pass. E.g. when resistance to wind load of 1600 Pa was tested, also 1200 Pa can be declared.

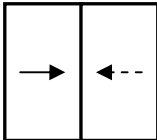
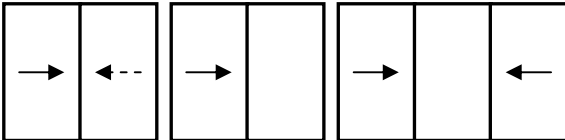
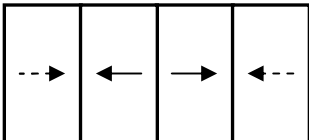
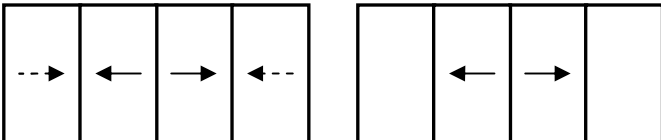
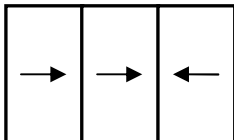
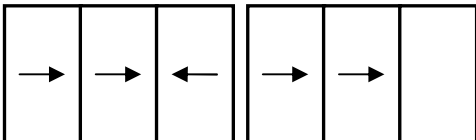
In the second part of the table the non essential characteristics are indicated. These are the characteristics which give information about the performance of a product, but which are not legally required in any European country and thus not mandatory to declare.

IV.2 NOTIFIED BODIES

No	Notified body	Name	Address	Country
[1]	0960	SKG	Nieuwe Kanaal 9F 6700 AJ Wageningen	Netherlands
[2]	0757	IFT ROSENHEIM	Theodor-Gietl-Strasse 7-9 83026 Rosenheim	Germany
[3]	1488	INSTYTUT TECHNIKI BUDOWLANEJ (ITB)	ul. Filtrowa 1 00-611 Warszawa	Poland
[4]	1136	BELGIAN BUILDING RESEARCH INSTITUTE (BBRI)	Lombardstraat 42 1000 Brussel	Belgium
[5]	1769	UNIVERSITY OF GENT	Sint-Pietersnieuwstraat 41 9000 Gent	Belgium
[6]	0432	MATERIALPRÜFUNGSAMT NORDRHEIN-WESTFALEN (MPA NRW)	Auf den Thränen 2 59597 Erwitte	Germany
[7]	1288	WINTech ENGINEERING LIMITED	Halesfield 2 Telford, Shropshire TF7 4QH	United Kingdom
[8]	0679	CENTRE SCIENTIFIQUE ET TECHNIQUE DU BÂTIMENT (CSTB)	84, Avenue Jean Jaurès Champs-sur-Marne F-77447 Marne-la-Vallée Cedex 2	France
[9]	0074	GINGER CEBTP	ZAC La Clef-de-Saint-Pierre 12, avenue Gay-Lussac 78990 Elancourt	France
[10]	0744	SOCOTEC	Les Quadrants – 3, Avenue du Centre – Guyancourt 78182 St-Quentin en Yvelines	France
[11]	1671	PEUTZ	Lindenlaan 41 – Molenhoek PO Box 66 6585 ZH Mook	Netherlands
[12]	1749	TNO DEFENCE, SECURITY AND SAFETY	Lange Kleiweg 137 Postbus 45 2280 AA Rijswijk	Netherlands
[13]	0749	BELGIAN CONSTRUCTION CERTIFICATION ASSOCIATION (BCCA)	Aarlenstraat 53 1040 Brussel	Belgium
[14]	1309	PRÜFINSTITUT SCHLOSSER UND BESCHLÄGE, VELBERT (PIV)	Wallstrasse 41 42551 Velbert	Germany

IV.3 VARIANTS

Different variants have been grouped based on similar design and following the guidelines of the harmonised standard.

	Opening type	Covered variants
IV.5.1	 Slide	
IV.5.2	 Slide 4 Vent	
IV.5.3	 3 rail slide	

Remark resistance to wind load:

The inertia of the profile section must be chosen in function of the required performance.

Remark burglar resistance:

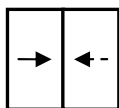
Not all configurations have classification RC2. Please consult the burglar (test) reports.

IV.4 EXPLANATIONS AND SYMBOLS

H	Element Height
B	Element Width
Fh	Vent Height
Fb	Vent Width
npd	No Performance Declared

IV.5 PERFORMANCE

IV.5.1 Slide

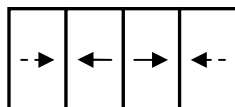


Characteristic	No	Classification	Notified body - Report	Limits (mm)	
Essential characteristics					
Watertightness (EN 12208)	4.5	6B (250 Pa)	[9] – BEB1.D.5013-4 [9] – BEB1.E.5018-2	FbxFh<1177x2220	
Dangerous substances	4.6	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN14351-1 are used			
Resistance to wind load (EN 12210)	4.2	B4 (1600 Pa) C4 (1600 Pa)	[9] – BEB1.D.5013-4 [9] – BEB1.E.5018-2	FbxFh<1177x2220	
Impact resistance (EN 13049)	4.7	npd			
Load-bearing capacity of safety devices (EN 948)	4.8	npd			
Height and width	4.9	Height: Width:	See IV.6		
Acoustic performance (EN ISO 140-3 & EN ISO 717-1)	4.11	Glass	Sliding door	[9] – BEB2.E.6003-1 [9] – BEB2.E.6003-2 [9] – BEB2.E.6003-6 [9] – BEB2.E.6003-3 [9] – BEB2.E.6003-4 [9] – BEB2.E.6003-5	BxH = 1850x2180
		4/20/4	31 (-1;-5)		
		4/16/6	34 (-1;-4)		
		4/16/10	35 (-1;-4)		
		4/16/44.2*	36 (-2;-5)		
		12/15/44.2*	38 (-2;-4)		
8/16/44.2*	38 (-2;-5)				
Thermal transmittance (EN ISO 10077-1)	4.12	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000*2180mm can be found in the Uf-value tables. Uf-values are calculated under certification of BCCA [13]. Certificate BPCB - 420 - 72 - 10077/2 REYN - 02.			
Radiation properties (EN 410)	4.13	These properties must be evaluated by the CE-label of the glass			
Air permeability (EN 12207)	4.14	4 3	[9] – BEB1.D.5013-4 [9] – BEB1.E.5018-2	FbxFh<1177x2220	
Non-essential characteristics					
Reaction to fire (EN 13501-1)	4.4	A1 (CWFT)	EC decision 96/603/EC		
Operating forces (EN 13115)	4.16	1	[8] – BV14-296	FbxFh<1172x2220 80 kg	
Mechanical strength (EN 13115)	4.17	2	[8] – BV14-296	FbxFh<1172x2220	
Ventilation (EN 13141-1)	4.18	npd			
Bullet resistance (EN 1522)	4.19	npd			
Explosion resistance (EN 13123-1 & EN 13123-2)	4.20	npd			
Resistance to repeated opening and closing (EN 12400)	4.21	2 (10 000)	[8] – BV14-296	FbxFh<1172x2220 80 kg	
Behaviour between different climates (EN 12219)	4.22	npd			
Burglar resistance (EN 1627) AP version	4.23	RC 2	[14] – 45-42/14 [14] – 45-41/14	See report	

* Acoustic PVB layer (Stratophone or equivalent)

(*1) RC2 only for XQ and XQX

IV.5.2 Slide 4 Vent

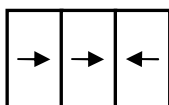


Characteristic	No	Classification	Notified body - Report	Limits (mm)
Essential characteristics				
Watertightness (EN 12208)	4.5	5B (200 Pa) 7B (300 Pa)**	[9] – BEB1.D.5013-3 [9] – BEB1.E.5018-1	FbxFh<1556x2396
Dangerous substances	4.6	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN14351-1 are used		
Resistance to wind load (EN 12210)	4.2	C3 (1200 Pa)	[9] – BEB1.D.5013-3	FbxFh<1556x2396
Impact resistance (EN 13049)	4.7	npd		
Load-bearing capacity of safety devices (EN 948)	4.8	npd		
Height and width	4.9	Height: Width:	See IV.6	
Acoustic performance (EN ISO 140-3 & EN ISO 717-1)	4.11	Glass	Sliding door	BxH = 1850x2180
		4/20/4	31 (-1;-5)	
		4/16/6	34 (-1;-4)	
		4/16/10	35 (-1;-4)	
		4/16/44.2*	36 (-2;-5)	
		12/15/44.2*	38 (-2;-4)	
8/16/44.2*	38 (-2;-5)	[9] – BEB2.E.6003-1 [9] – BEB2.E.6003-2 [9] – BEB2.E.6003-6 [9] – BEB2.E.6003-3 [9] – BEB2.E.6003-4 [9] – BEB2.E.6003-5		
Thermal transmittance (EN ISO 10077-1)	4.12	Ud to be calculated in function of the project. Pre-calculated U-values for dimensions 2000*2180mm can be found in the Uf-value tables. Uf-values are calculated under certification of BCCA [13]. Certificate BPCB - 420 - 72 - 10077/2 REYN - 02.		
Radiation properties (EN 410)	4.13	These properties must be evaluated by the CE-label of the glass		
Air permeability (EN 12207)	4.14	4	[9] – BEB1.D.5013-3	FbxFh<1556x2396
Non-essential characteristics				
Reaction to fire (EN 13501-1)	4.4	A1 (CWFT)	EC decision 96/603/EC	
Operating forces (EN 13115)	4.16	1	[8] – BV14-296	FbxFh<1172x2220 80 kg
Mechanical strength (EN 13115)	4.17	2	[8] – BV14-296	FbxFh<1172x2220
Ventilation (EN 13141-1)	4.18	npd		
Bullet resistance (EN 1522)	4.19	npd		
Explosion resistance (EN 13123-1 & EN 13123-2)	4.20	npd		
Resistance to repeated opening and closing (EN 12400)	4.21	2 (10 000)	[8] – BV14-296	FbxFh<1172x2220 80 kg
Behaviour between different climates (EN 12219)	4.22	npd		
Burglar resistance (ENV 1627)	4.23	npd		

* Acoustic PVB layer (Stratophone or equivalent)

** Special drainage (not standard)

IV.5.3 3 rail slide



Characteristic	No	Classification	Notified body - Report	Limits (mm)
Essential characteristics				
Watertightness (EN 12208)	4.5	5B (200 Pa)	[9] – BEB1.D.5039-2	FbxFh<1172x2220
Dangerous substances	4.6	In the materials delivered by Reynaers, no dangerous substances as indicated in hEN14351-1 are used		
Resistance to wind load (EN 12210)	4.2	B3 (1200 Pa)	[9] – BEB1.D.5039-2	FbxFh<1172x2220
Impact resistance (EN 13049)	4.7	npd		
Load-bearing capacity of safety devices (EN 948)	4.8	npd		
Height and width	4.9	Height: Width:		See IV.6
Acoustic performance (EN ISO 140-3 & EN ISO 717-1)	4.11	Glass	Sliding door	[9] – BEB2.E.6003-1 [9] – BEB2.E.6003-2 [9] – BEB2.E.6003-6 [9] – BEB2.E.6003-3 [9] – BEB2.E.6003-4 [9] – BEB2.E.6003-5 BxH = 1850x2180
		4/20/4	31 (-1;-5)	
		4/16/6	34 (-1;-4)	
		4/16/10	35 (-1;-4)	
		4/16/44.2*	36 (-2;-5)	
		12/15/44.2*	38 (-2;-4)	
Thermal transmittance (EN ISO 10077-1)	4.12	Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA [13]. Certificate BPCB - 420 - 72 - 10077/2 REYN - 02.		
Radiation properties (EN 410)	4.13	These properties must be evaluated by the CE-label of the glass		
Air permeability (EN 12207)	4.14	4	[9] – BEB1.D.5039-2	FbxFh<1172x2220
Non-essential characteristics				
Reaction to fire (EN 13501-1)	4.4	A1 (CWFT)	EC decision 96/603/EC	
Operating forces (EN 13115)	4.16	1	[8] – BV14-296	FbxFh<1172x2220 80 kg
Mechanical strength (EN 13115)	4.17	2	[8] – BV14-296	FbxFh<1172x2220
Ventilation (EN 13141-1)	4.18	npd		
Bullet resistance (EN 1522)	4.19	npd		
Explosion resistance (EN 13123-1 & EN 13123-2)	4.20	npd		
Resistance to repeated opening and closing (EN 12400)	4.21	2 (10 000)	[8] – BV14-296	FbxFh<1172x2220 80 kg
Behaviour between different climates (EN 12219)	4.22	npd		
Burglar resistance (ENV 1627)	4.23	npd		

* Acoustic PVB layer (Stratophone or equivalent)

IV.6 RULE FOR DEFINITION OF CLEAR OPENING HEIGHT AND WIDTH

The clear opening height g and clear opening width a are defined as indicated in following sketches out of EN 12519:2004:

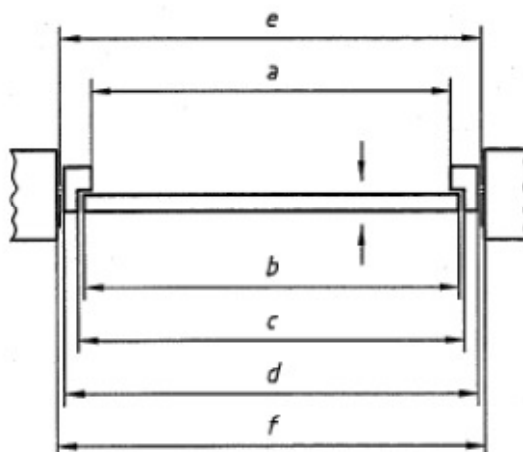


Figure 1/Figure 1/Bild 1

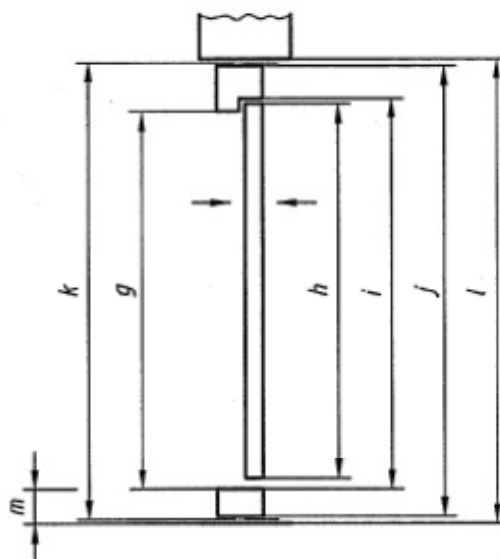


Figure 2/Figure 2/Bild 2

Uf value table for CP 68

The tabulated U-values have been calculated according to EN ISO 10077-2:2012.

The Uf-values are valid for unicolor painted profiles.

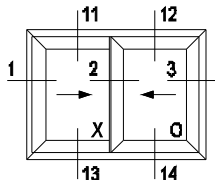
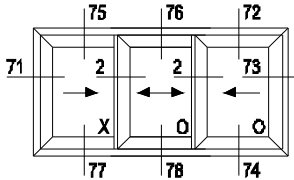
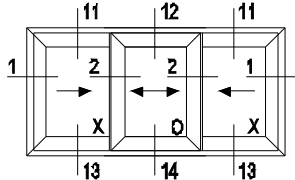
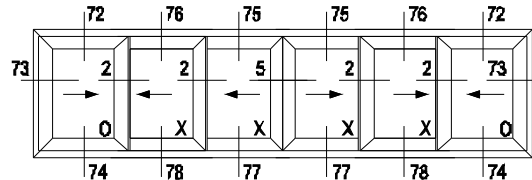
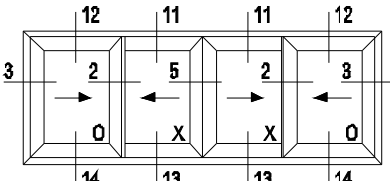
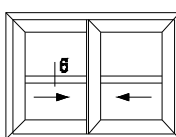
In case of anodised or bicolor profiles, Uf-values must be increased with 0.3 W/m²K.

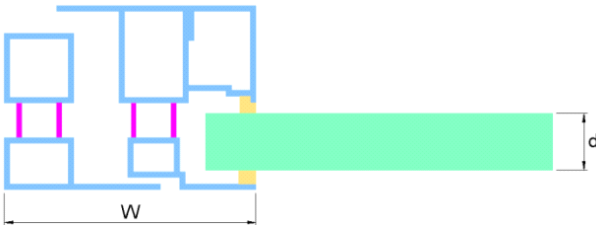
The U-values mentioned are certified by the
Belgian Construction Certification Association (BCCA)
with certification number BPCB - 420 - 72 - 10077/2 REYN - 02
dated 01/06/2006.

Joris Brusseleers
31/10/2014

Overview sections CP 68

Sliding doors

2-rail XO	3-rail XOO
	
2-rail XOX	3-rail OXXXXO
	
2-rail OXXO	Transom - Mullion
	

Uf value for sliding door combinations according to EN ISO 10077-2 (2012)		CP 68		version of 31/10/2014
Section	Profiles	d [mm]	W [mm]	Uf [W/m²K]
				
2-rail				
1	0135317+0135300	24	110	2.5
1	0135317+0135303	32	110	2.5
1	0135317+0135301reinf in	24	110	2.6
1	0135317+0135302reinf in	24	110	2.6
1	0135317+0135304reinf in	32	110	2.5
1	0135317+0135305reinf in	32	110	2.6
1	0135317+0135301reinf ex	24	110	2.6
1	0135317+0135302reinf ex	24	110	2.6
1	0135317+0135304reinf ex	32	110	2.5
1	0135317+0135305reinf ex	32	110	2.6
2	0135306+0135306	24	35	4.1
2	0135306+0135307	24	35	4.2
2	0135306+0135308	24	35	4.3
2	0135307+0135307	24	35	4.2
2	0135307+0135308	24	35	4.3
2	0135308+0135308	24	35	4.3
2	0135309+0135309	32	35	4.0
2	0135309+0135310	32	35	4.2
2	0135309+0135311	32	35	4.3
2	0135310+0135310	32	35	4.2
2	0135310+0135311	32	35	4.3
2	0135311+0135311	32	35	4.3
3	0135317+0135300	24	110	2.7
3	0135317+0135303	32	110	2.6

3	0135317+0135301reinf in	24	110	2.8
3	0135317+0135302reinf in	24	110	2.9
3	0135317+0135304reinf in	32	110	2.8
3	0135317+0135305reinf in	32	110	3.0
3	0135317+0135301reinf ex	24	110	2.7
3	0135317+0135302reinf ex	24	110	2.7
3	0135317+0135304reinf ex	32	110	2.6
3	0135317+0135305reinf ex	32	110	2.6
5	0135300+0135300	24	144	2.1
5	0135303+0135303	32	144	2.1
5	0135301+0135301reinf in	24	144	2.2
5	0135302+0135302reinf in	24	144	2.2
5	0135304+0135304reinf in	32	144	2.2
5	0135305+0135305reinf in	32	144	2.3
5	0135301+0135301reinf ex	24	144	2.1
5	0135302+0135302reinf ex	24	144	2.2
5	0135304+0135304reinf ex	32	144	2.1
5	0135305+0135305reinf ex	32	144	2.2
6	0135314	24	55	2.0
6	0135315	32	55	1.9
11	0135317+0135312	24	102	3.1
11	0135317+0135313	32	102	2.7
12	0135317+0135312	24	102	2.8
12	0135317+0135313	32	102	2.8
13	0135317+0135312	24	102	3.2
13	0135317+0135313	32	102	2.7
14	0135317+0135312	24	102	2.9
14	0135317+0135313	32	102	2.8

3-rail				
2	0135306+0135306	24	35	4.1
2	0135306+0135307	24	35	4.2
2	0135306+0135308	24	35	4.3
2	0135307+0135307	24	35	4.2
2	0135307+0135308	24	35	4.3
2	0135308+0135308	24	35	4.3
2	0135309+0135309	32	35	4.0
2	0135309+0135310	32	35	4.2
2	0135309+0135311	32	35	4.3
2	0135310+0135310	32	35	4.2
2	0135310+0135311	32	35	4.3
2	0135311+0135311	32	35	4.3
6	0135314	24	55	2.0
6	0135315	32	55	1.9
71	0135324+0135300	24	110	2.5
71	0135324+0135303	32	110	2.5
71	0135324+0135301reinf in	24	110	2.6
71	0135324+0135302reinf in	24	110	2.6
71	0135324+0135304reinf in	32	110	2.5
71	0135324+0135305reinf in	32	110	2.7
71	0135324+0135301reinf ex	24	110	2.6
71	0135324+0135302reinf ex	24	110	2.6
71	0135324+0135304reinf ex	32	110	2.5
71	0135324+0135305reinf ex	32	110	2.6
5	0135300+0135300	24	144	2.1
5	0135303+0135303	32	144	2.1
5	0135301+0135301reinf in	24	144	2.2
5	0135302+0135302reinf in	24	144	2.2
5	0135304+0135304reinf in	32	144	2.2

5	0135305+0135305reinf in	32	144	2.3
5	0135301+0135301reinf ex	24	144	2.1
5	0135302+0135302reinf ex	24	144	2.2
5	0135304+0135304reinf ex	32	144	2.1
5	0135305+0135305reinf ex	32	144	2.2
6	0135314	24	55	2.0
6	0135315	32	55	1.9
11	0135317+0135312	24	102	3.1
11	0135317+0135313	32	102	2.7
12	0135317+0135312	24	102	2.8
12	0135317+0135313	32	102	2.8
13	0135317+0135312	24	102	3.2
13	0135317+0135313	32	102	2.7
14	0135317+0135312	24	102	2.9
14	0135317+0135313	32	102	2.8

3-rail				
2	0135306+0135306	24	35	4.1
2	0135306+0135307	24	35	4.2
2	0135306+0135308	24	35	4.3
2	0135307+0135307	24	35	4.2
2	0135307+0135308	24	35	4.3
2	0135308+0135308	24	35	4.3
2	0135309+0135309	32	35	4.0
2	0135309+0135310	32	35	4.2
2	0135309+0135311	32	35	4.3
2	0135310+0135310	32	35	4.2
2	0135310+0135311	32	35	4.3
2	0135311+0135311	32	35	4.3
6	0135314	24	55	2.0
6	0135315	32	55	1.9
71	0135324+0135300	24	110	2.5
71	0135324+0135303	32	110	2.5
71	0135324+0135301reinf in	24	110	2.6
71	0135324+0135302reinf in	24	110	2.6
71	0135324+0135304reinf in	32	110	2.5
71	0135324+0135305reinf in	32	110	2.7
71	0135324+0135301reinf ex	24	110	2.6
71	0135324+0135302reinf ex	24	110	2.6
71	0135324+0135304reinf ex	32	110	2.5
71	0135324+0135305reinf ex	32	110	2.6
72	0135324+0135312	24	102	4.7
72	0135324+0135313	32	102	4.6
73	0135324+0135300	24	110	4.3
73	0135324+0135303	32	110	4.3
73	0135324+0135301reinf in	24	110	4.5
73	0135324+0135302reinf in	24	110	4.6
73	0135324+0135304reinf in	32	110	4.4
73	0135324+0135305reinf in	32	110	4.6
73	0135324+0135301reinf ex	24	110	4.4
73	0135324+0135302reinf ex	24	110	4.4
73	0135324+0135304reinf ex	32	110	4.3
73	0135324+0135305reinf ex	32	110	4.3
74	0135324+0135312	24	102	4.9
74	0135324+0135313	32	102	4.8
75	0135324+0135312	24	102	3.1
75	0135324+0135313	32	102	2.8
76	0135324+0135312	24	102	2.9
76	0135324+0135313	32	102	2.9
77	0135324+0135312	24	102	3.2
77	0135324+0135313	32	102	2.8
78	0135324+0135312	24	102	3.0
78	0135324+0135313	32	102	2.9

U _{door} for sliding doors with dimensions 2000x2180mm																													
Ud-values for CP 68 with glass thickness 24mm																													
Profile combinations		U _g (according to EN ISO 10077-1:2006)																											
		U _g =	0.50	0.60	0.70	0.80	0.90	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	0.50	0.60	0.70	0.80	0.90	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	
		psi =	0.11 (standard spacer)													0.08 (improved spacer)													
2-rail XO																													
Outer frame + vent	0135317+0135300/0135312		13	14	14	15	16	17	18	18	19	2.0	2.1	2.2	2.2	12	13	14	14	15	16	17	18	18	19	2.0	2.1	2.2	
Meeting section	0135306+0135306																												
Ud-values for CP 68 with glass thickness 32 mm																													
Profile combinations		U _g (according to EN ISO 10077-1:2006)																											
		U _g =	0.50	0.60	0.70	0.80	0.90	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	0.50	0.60	0.70	0.80	0.90	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	
		psi =	0.11													0.08 (improved spacer)													
2-rail XO																													
Outer frame + vent	0135317+0135305rein in/0135313		13	14	14	15	16	17	18	18	19	2.0	2.1	2.2	2.2	12	13	14	14	15	16	17	18	18	19	2.0	2.1	2.2	
Meeting section	0135309+0135309																												

C



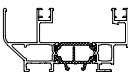
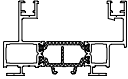
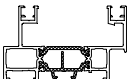
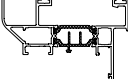
Profielen

Profiles

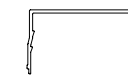
Profilés

Profile

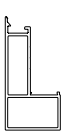
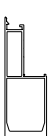
BUITENKADER ZIJKANT MET GROEF
 DORMANT COTE LATERAL AVEC GORGE
 OUTER FRAME SIDE WITH GROOVE
 BLENDRAHMEN SENKRECHT MIT AUFNAHME

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
013.5319.XX		49.97	13.0	6.50	40.873	9.935
013.5320.XX		42.72	12.7	6.50	27.809	8.855
013.5321.XX		40.90	13.7	6.50	27.997	8.543
013.5418.XX		54.54	23.5	7.00	44.942	11.725
013.5317.XX		50.07	12.5	6.50	40.750	9.881
013.5318.XX		48.25	13.8	6.50	40.797	9.546

 THERMISCHE ONDERBREKING
 BOUCLIER THERMIQUE
 THERMAL BREAK
 THERMISCHE UNTERBRECHUNG

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
013.5330.SY		-	-	6.50	-	-
013.5332.SY		-	-	6.50	-	-
013.5333.SY		-	-	6.50	-	-

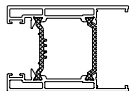
 MIDDENVLEUGEL VERSTERKT
 MONTANT CENTRAL RENFORCE
 CENTRAL VENT REINFORCED
 MITTELFLEUGEL VERSTAERKT

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
013.5310.XX		22.52	12.6	6.50	14.853	4.106
013.5311.XX		28.32	18.4	6.50	57.847	8.199

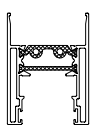
 WISSELPROFIEL KUNSTSTOF
 CHICANE MATIERE SYNTHETIQUE
 SYNTHETIC MEETING SECTION
 WECHSELPROFIL KUNSTSTOFF

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
013.5329.SY		-	66.9	6.50	0.160	0.956

ZIJKANT VLEUGEL
 MONTANT LATERAL
 SIDE VENT
 FLUEGEL SENKRECHT

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
013.5303.XX			31.04	16.3	6.50	16.963	19.193

 DWARSPROFIEL
 TRAVERSE
 TRANSOM
 RIEGELPROFIL

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
013.5313.XX			29.16	14.8	6.50	12.035	11.552

 RAIL INOX
 RAIL
 RAIL
 RAIL

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
006.1075.--			-	-	6.50	0.028	0.008

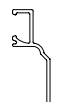
006.1076.17			4.98	-	6.50	0.039	0.011
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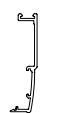
006.1077.04					6.50		
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 AFWERKINGSPROFIEL
 HABILLAGE EXTERIEUR
 FACE CAPS
 ABDECKPROFIL

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
013.5316.XX			15.16	7.2	6.50	1.972	1.088

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
PROFIEL VLIEGENRAAM PROFILE FENETRE MOUSTICUAIRE PROFILE FLY SCREEN WINDOW PROFIL FLIEGENSCHUTZRAHMEN							

011.0767.XX			12.47	9.0	6.50	1.073	0.198
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011.5129.XX			17.44	6.6	6.50	0.133	4.136
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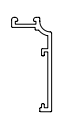
011.5229.XX			23.60	8.1	6.50	0.259	8.162
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017.0076.XX			13.92	5.1	6.50	0.186	1.563
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017.0077.XX			15.99	5.8	6.50	3.720	0.171
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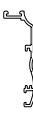
017.0110.XX			12.27	4.3	6.50	1.034	0.165
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017.0119.XX			20.61	10.4	6.50	8.481	0.350
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017.0120.XX			12.03	3.8	6.50	1.128	0.152
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017.0121.XX			16.84	9.1	6.50	1.169	0.582
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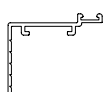
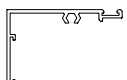
AFWERKINGSPROFIEL 30MM
 PROFILE DE FINITION
 FINISHING PROFILE
 AUSFUEHRUNGSPROFIL

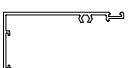
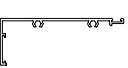
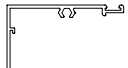
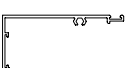
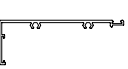
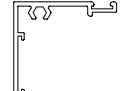
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0131.XX		10.12	3.8	6.50	0.928	0.061
						
017.5020.XX		16.61	5.8	6.50	2.770	0.184
						
017.5022.XX		14.04	5.8	6.50	0.066	3.375
						
019.4904.XX		3.90	0.6	6.50	0.004	0.034
						

 OPZETPROFIEL
 PROFILE AUXILIAIRE
 AUXILIARY PROFILE
 ZUSATZPROFIL

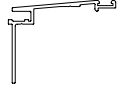
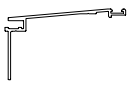
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
013.5335.SY		9.94	4.8	6.50	0.155	0.591
						

 AFWERKINGSPROFIEL 10.3x35
 PROFILE DE FINITION
 FINISHING PROFILE
 AUSFUEHRUNGSPROFIL

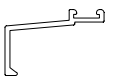
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0128.XX		13.00	4.9	6.50	2.940	1.480
						
017.0129.XX		19.23	6.9	6.50	2.539	1.450
						
017.0201.XX		22.30	7.9	6.50	1.856	5.046
						

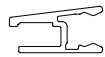
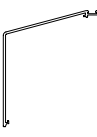
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0202.XX		26.30	9.9	6.50	1.996	12.080
						
017.0203.XX		32.12	11.9	6.50	2.133	24.151
						
017.0204.XX		36.12	13.9	6.50	2.205	41.070
						
017.0211.XX		23.26	8.9	6.50	1.896	6.279
						
017.0212.XX		27.29	10.4	6.50	2.040	14.343
						
017.0213.XX		33.07	12.4	6.50	2.153	27.316
						
017.0214.XX		37.06	14.3	6.50	2.221	45.475
						
017.0216.XX		19.34	6.4	6.50	1.713	1.987
						

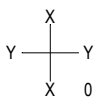
DORPEL 90MM
BAVETTE
SILL
FENSTERBANK

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
011.5132.XX		27.71	9.7	6.50	25.107	0.597
011.5133.XX		34.68	13.2	6.50	67.596	0.738
011.5196.XX		12.94	2.7	6.50	0.516	1.144
017.0189.XX		22.21	4.8	6.50	2.178	5.036
017.0190.XX		26.20	10.2	6.50	2.527	12.024
017.0193.XX		39.15	15.8	6.50	1.487	47.355

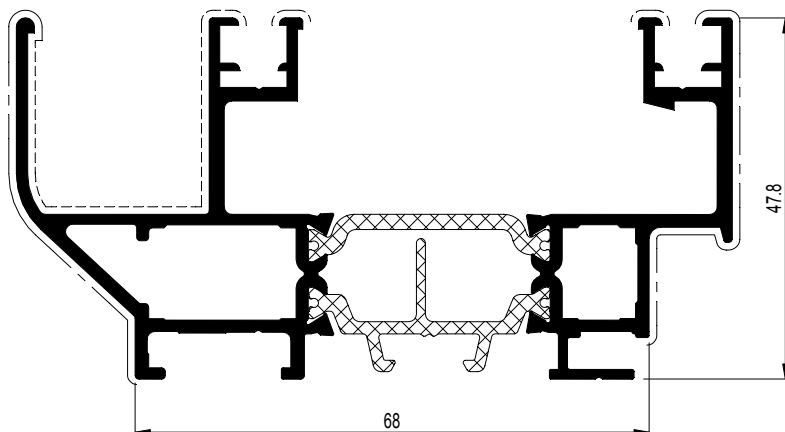
VENSTERBANK 19.5MM
BAVETTE
WINDOW-SILL
FENSTERBANK

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0197.XX		10.63	3.7	6.50	0.224	0.785
017.0198.XX		19.00	7.3	6.50	0.613	0.006
017.0199.XX		25.81	10.7	6.50	0.843	19.870

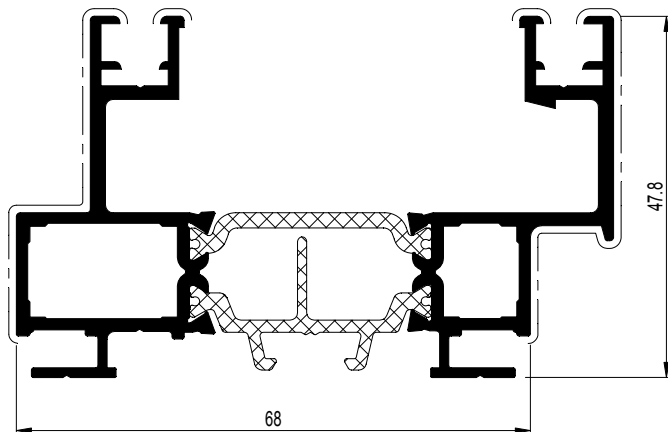
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
017.0205.XX		33.06	14.3	6.50	1.202	48.536
017.0233.XX		16.90	5.6	6.50	0.101	4.063
017.0234.XX		15.00	5.0	6.50	0.495	1.893
017.0235.XX		25.06	10.0	6.50	0.833	17.251
017.0236.XX		30.26	12.8	6.50	1.006	37.060
017.5002.XX		9.32	4.2	6.50	0.067	0.161
017.5003.XX		35.06	15.2	6.50	28.875	21.672
017.5019.XX		33.06	15.2	6.50	29.420	7.870

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
013.5319.XX	49.97	13.0	6.50	40.873	8.488	46.55	9.935	3.880	22.19	
013.5320.XX	42.72	12.7	6.50	27.809	7.040	39.50	8.855	3.357	21.42	

013.5319.XX

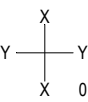


013.5320.XX

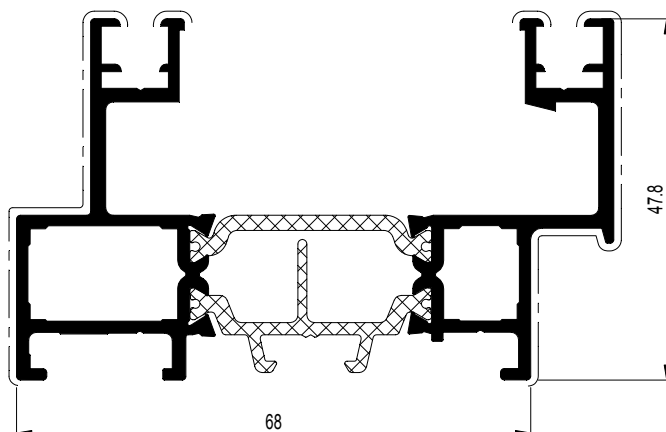


	013.5319.XX	
	021.5970.00 (x2) 021.5973.00 (x2)	---
	021.5970.00 (x2) 021.5973.00 (x2)	097.Y300.00 of-ou-or-oder 097.0081.00

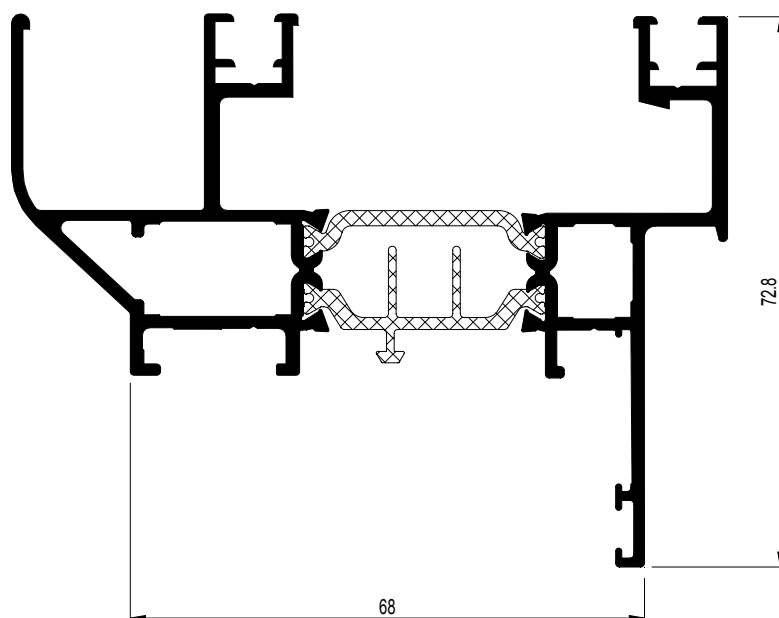
	013.5320.XX	
	021.5970.00 (x2) 021.5973.00 (x2)	---
	021.5970.00 (x2) 021.5973.00 (x2)	097.Y300.00 of-ou-or-oder 097.0081.00

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
013.5321.XX	40.90	13.7	6.50	27.997	7.046	39.74	8.543	3.275	21.71	
013.5418.XX	54.53	24.0	7.00	44.946	8.822	43.76	15.653	3.525	44.41	

013.5321.XX

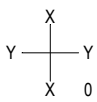


013.5418.XX

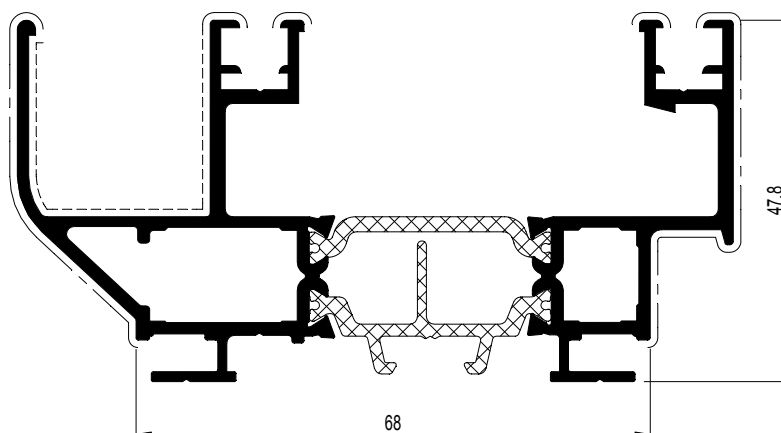


	013.5321.XX	
	021.5970.00 (x2) 021.5973.00 (x2)	---
	021.5970.00 (x2) 021.5973.00 (x2)	097.Y300.00 of-ou-or-oder 097.0081.00

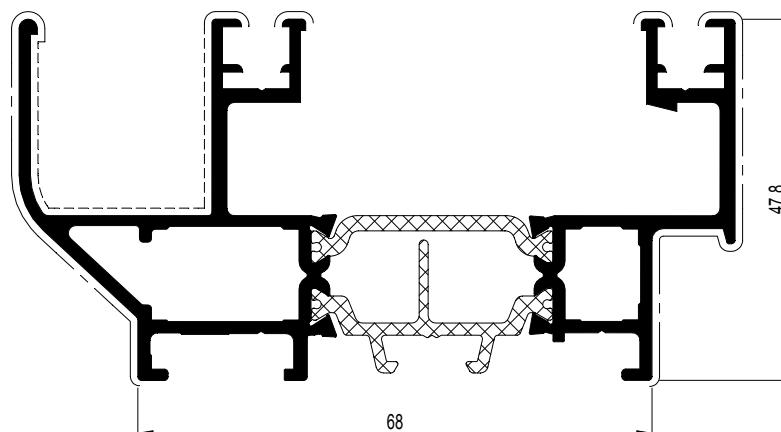
	013.5418.XX	
	021.5970.00 (x2) 021.5973.00 (x2)	---
	021.5970.00 (x2) 021.5973.00 (x2)	097.Y300.00 of-ou-or-oder 097.0081.00

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
013.5317.XX	50.07	12.5	6.50	40.750	8.457	46.52	9.881	3.869	22.26	
013.5318.XX	48.25	13.8	6.50	40.797	8.518	46.81	9.546	3.776	22.52	

013.5317.XX

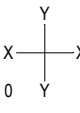


013.5318.XX

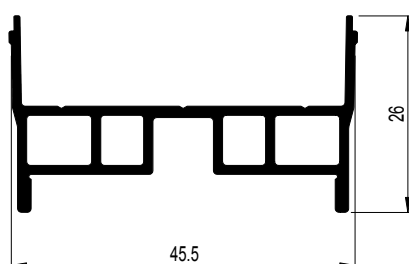


	013.5317.XX	
	021.5970.00 (x2) 021.5973.00 (x2)	---
	021.5970.00 (x2) 021.5973.00 (x2)	097.Y300.00 of-ou-or-oder 097.0081.00

	013.5318.XX	
	021.5970.00 (x2) 021.5973.00 (x2)	---
	021.5970.00 (x2) 021.5973.00 (x2)	097.Y300.00 of-ou-or-oder 097.0081.00

	 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	
013.5330.SY	-	-	6.50	-	-	-	-	-	-	X
013.5332.SY	-	-	6.50	-	-	-	-	-	-	0
013.5333.SY	-	-	6.50	-	-	-	-	-	-	Y

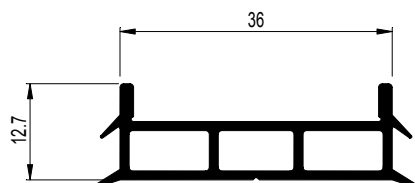
013.5330.SY



013.5332.SY

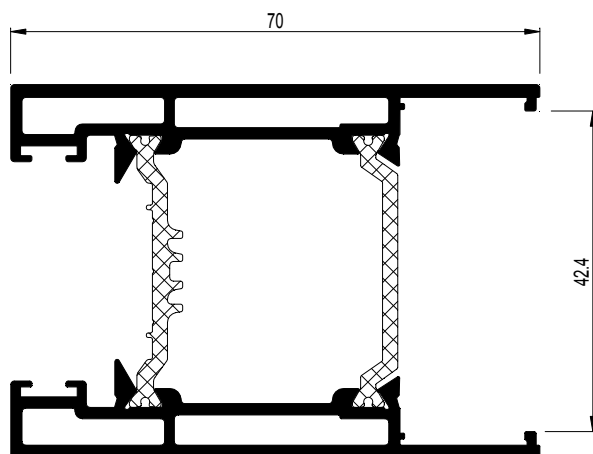


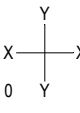
013.5333.SY



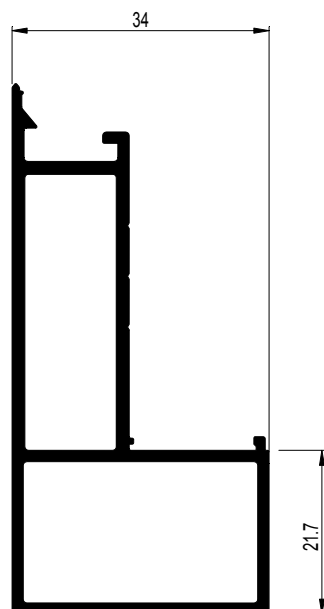
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
013.5303.XX	31.04	16.3	6.50	16.963	6.867	24.70	19.193	4.800	30.01	

013.5303.XX

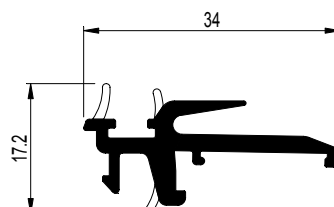


				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
013.5310.XX	22.52	12.6	6.50	14.853	3.650	29.50	4.106	1.874	12.09	
013.5311.XX	28.32	18.4	6.50	57.847	9.018	35.06	8.199	4.129	14.14	
013.5329.SY	-	66.9	6.50	0.160	0.174	9.19	0.956	0.469	13.57	

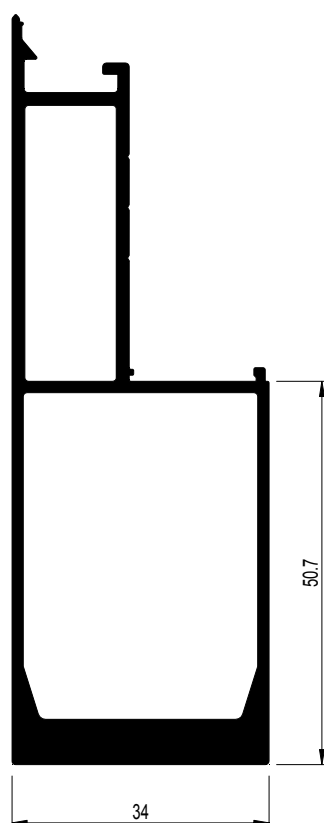
013.5310.XX

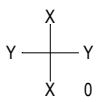


013.5329.SY

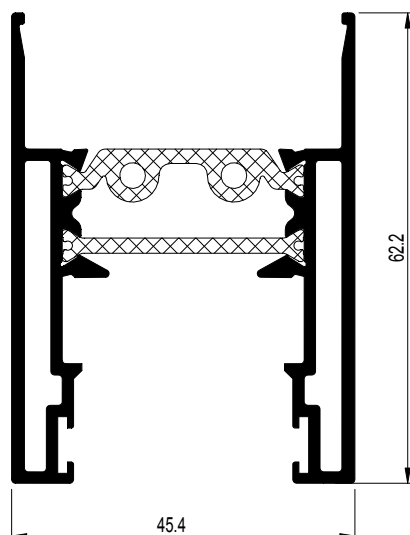


013.5311.XX



	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
013.5313.XX	29.16	14.8	6.50	12.035	5.302	22.70	11.552	3.282	35.20	

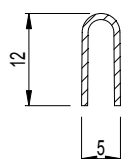
013.5313.XX



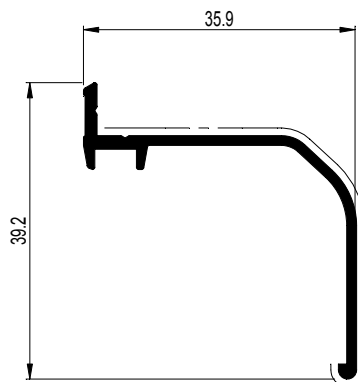
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
006.1075.--	-	-	6.50	0.028	0.043	6.42	0.008	0.033	2.58	
006.1076.17	4.98	-	6.50	0.039	0.055	7.05	0.011	0.038	2.80	
006.1077.04	-	-	6.50	-	-	-	-	-	-	
013.5316.XX	15.16	7.2	6.50	1.972	0.953	20.69	1.088	0.436	14.26	

006.1075.--

Rail inox
Stainless steel rail

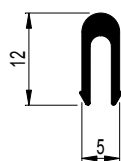


013.5316.XX



006.1076.17

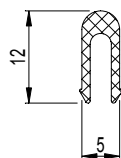
Rail alu
Alu rail



(anodisé uniquement)
(anodised only)

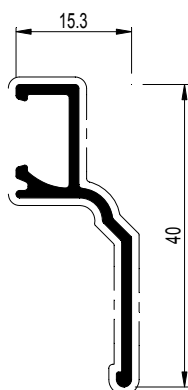
006.1077.04

Rail polyamide
Polyamide rail

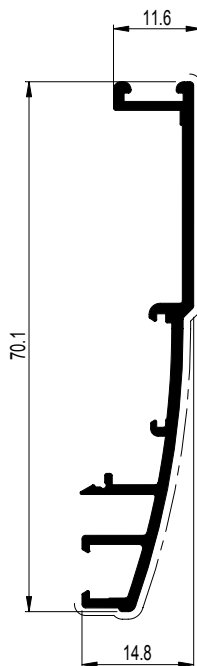


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
011.0767.XX	12.47	9.0	6.50	1.073	0.456	16.45	0.198	0.218	6.22	
011.5129.XX	17.44	6.6	6.50	0.133	0.115	3.43	4.136	1.497	27.48	
011.5229.XX	23.60	8.1	6.50	0.259	0.252	4.75	8.162	2.238	36.47	
017.0076.XX	13.92	5.1	6.50	0.186	0.172	4.28	1.563	0.873	17.91	
017.0077.XX	15.99	5.8	6.50	3.720	1.214	30.66	0.171	0.140	2.87	
017.0110.XX	12.27	4.3	6.50	1.034	0.491	21.07	0.165	0.143	11.55	

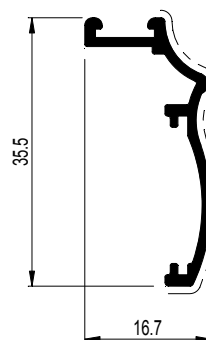
011.0767.XX



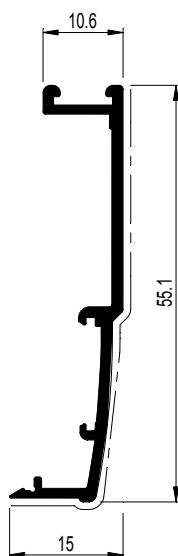
011.5229.XX



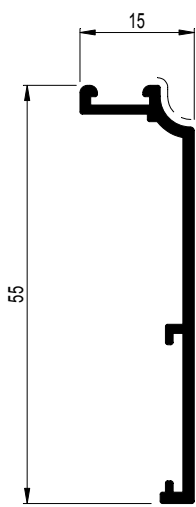
017.0110.XX



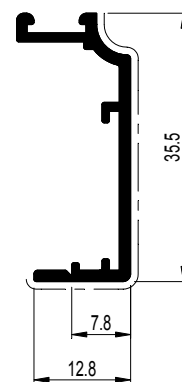
011.5129.XX



017.0077.XX



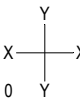
017.0076.XX



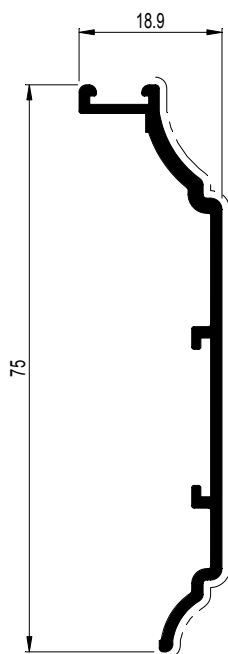
	011.5129.XX	
	060.8724.00	---

	017.0077.XX	
	021.0245.00	---

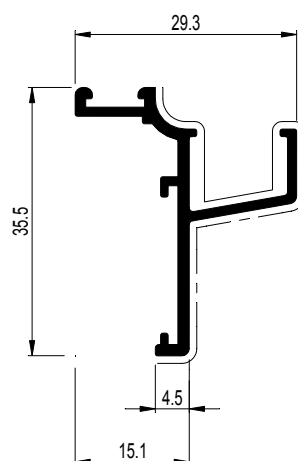
	017.0110.XX	
	021.0245.00	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
017.0119.XX	20.61	10.4	6.50	8.481	2.020	41.97	0.350	0.239	14.66	
017.0120.XX	12.03	3.8	6.50	1.128	0.550	20.51	0.152	0.132	11.48	
017.0121.XX	16.84	9.1	6.50	1.169	0.555	21.04	0.582	0.393	14.82	
017.0131.XX	10.12	3.8	6.50	0.928	0.441	21.06	0.061	0.073	8.44	
017.5020.XX	16.61	5.8	6.50	2.770	0.734	12.23	0.184	0.067	27.53	

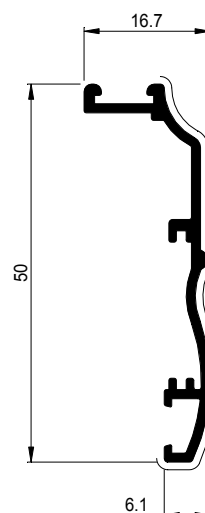
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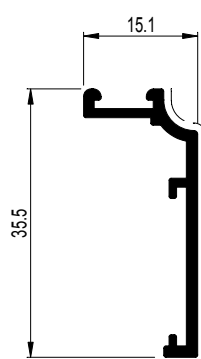
017.0121.XX



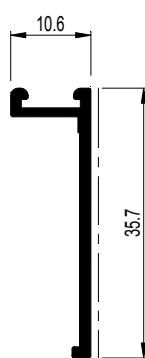
017.5020.XX



017.0120.XX



017.0131.XX

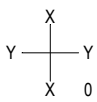


	017.0119.XX	
	021.0245.00	---

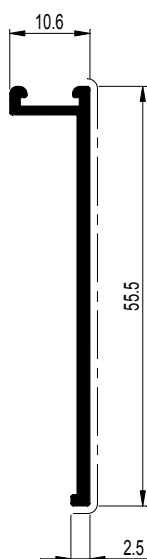
	017.0120.XX	
	021.0245.00	---

	017.0121.XX	
	021.0245.00	---

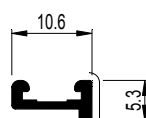
	017.5020.XX	
	021.0245.00	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
013.5335.SY	9.94	4.8	6.50	0.155	0.141	11.00	0.591	0.307	19.28	
017.5022.XX	14.04	5.8	6.50	0.066	0.074	8.87	3.375	1.089	24.51	
019.4904.XX	3.90	0.6	6.50	0.004	0.014	2.72	0.034	0.058	4.77	

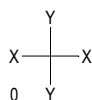
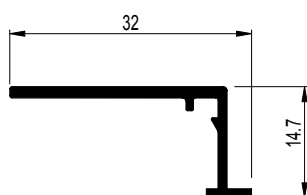
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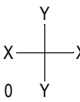


019.4904.XX

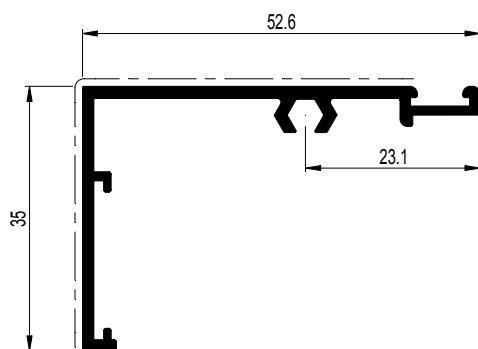


013.5335.XX

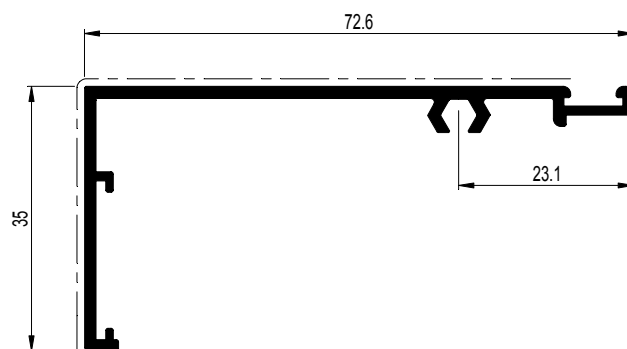


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0128.XX	13.00	4.9	6.50	2.940	1.020	5.48	1.480	0.520	25.17	
017.0129.XX	19.23	6.9	6.50	2.539	0.940	13.89	1.450	0.519	27.94	
017.0201.XX	22.30	7.9	6.50	1.856	0.688	26.99	5.046	1.477	18.44	
017.0202.XX	26.30	9.9	6.50	1.996	0.709	28.15	12.080	2.700	27.87	
017.0203.XX	32.12	11.9	6.50	2.133	0.727	29.36	24.151	4.355	37.14	
017.0204.XX	36.12	13.9	6.50	2.205	0.737	29.93	41.070	6.206	46.42	

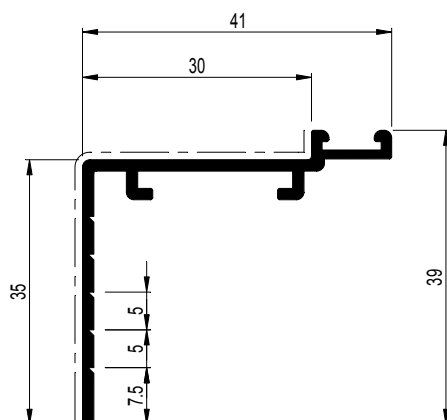
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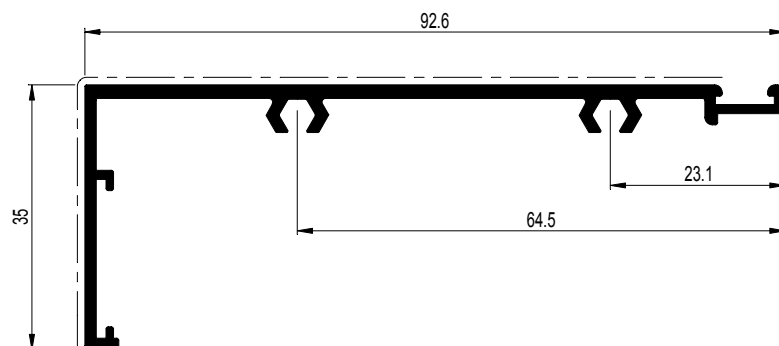
017.0202.XX



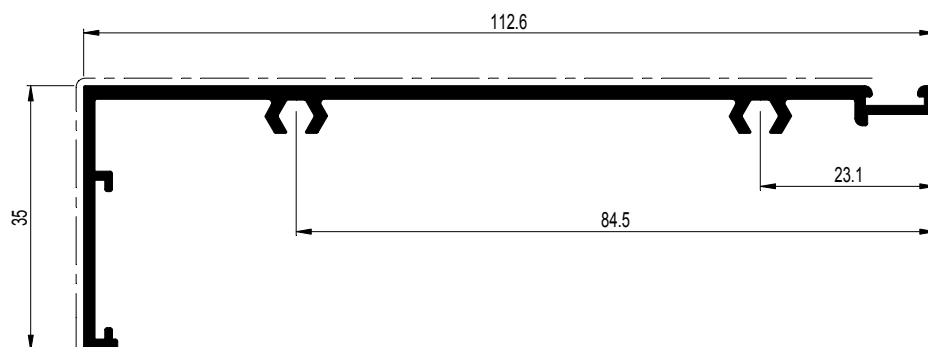
017.0129.XX



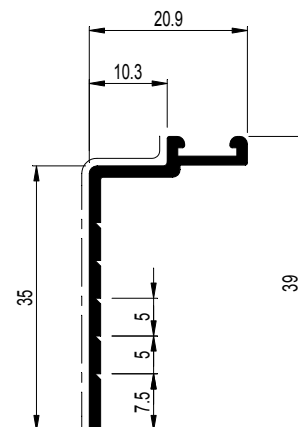
017.0203.XX



017.0204.XX



017.0128.XX



	017.0201.XX	
	021.0245.00	---

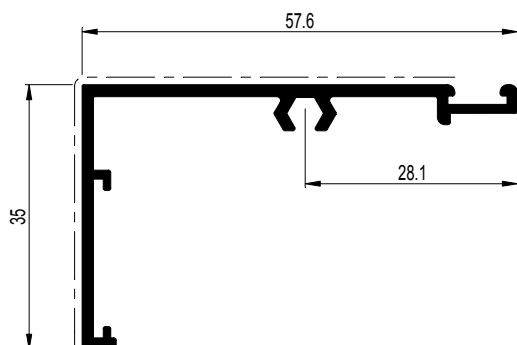
	017.0202.XX	
	021.0245.00	---

	017.0203.XX	
	021.0245.00	---

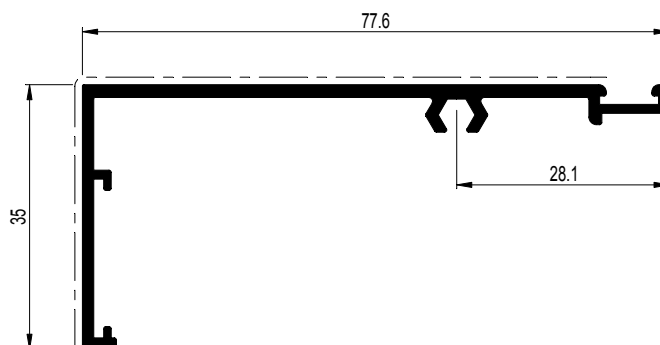
	017.0204.XX	
	021.0245.00	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0211.XX	23.26	8.9	6.50	1.896	0.694	27.32	6.279	1.684	20.31	
017.0212.XX	27.29	10.4	6.50	2.040	0.715	28.53	14.343	3.015	30.03	
017.0213.XX	33.07	12.4	6.50	2.153	0.729	29.51	27.316	4.672	39.14	
017.0214.XX	37.06	14.3	6.50	2.221	0.739	30.05	45.475	6.580	48.49	

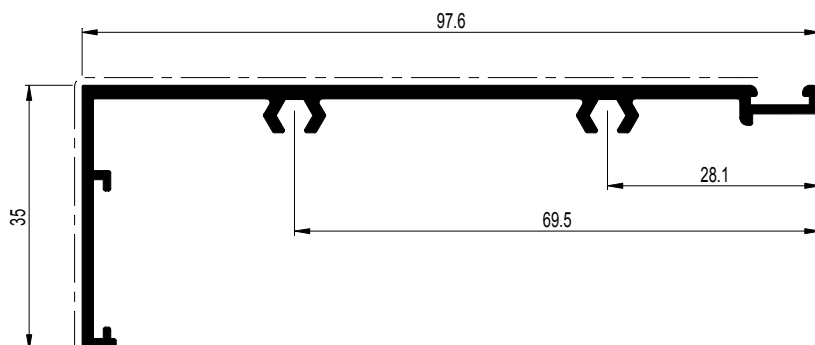
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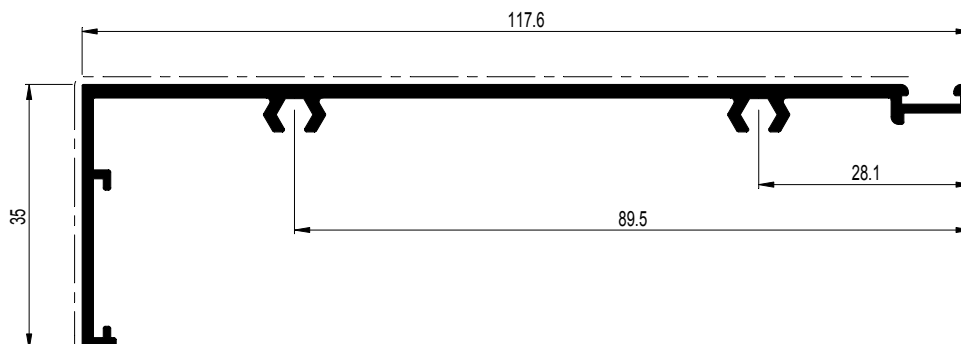
017.0212.XX



017.0213.XX

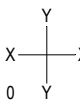


017.0214.XX

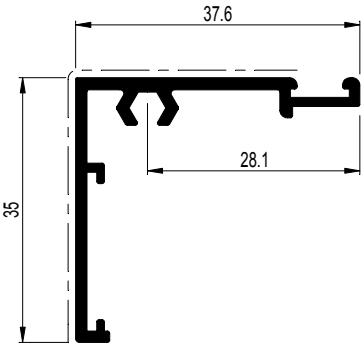


	017.0211.XX			017.0212.XX			017.0213.XX			017.0214.XX	
	021.0245.00	---		021.0245.00	---		021.0245.00	---		021.0245.00	---



				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
017.0216.XX	19.34	6.4	6.50	1.713	0.663	25.82	1.987	0.746	10.97	

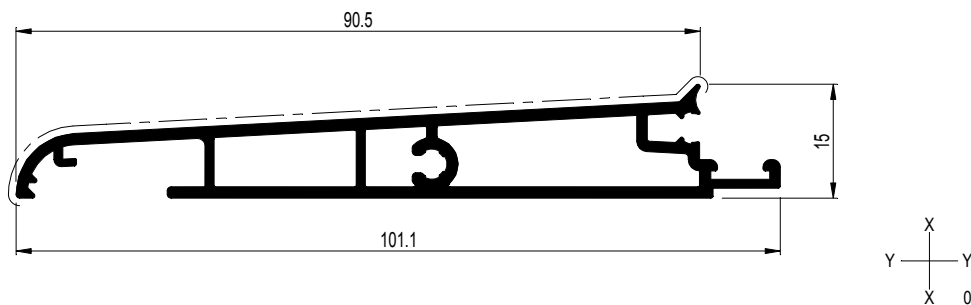
017.0216.XX



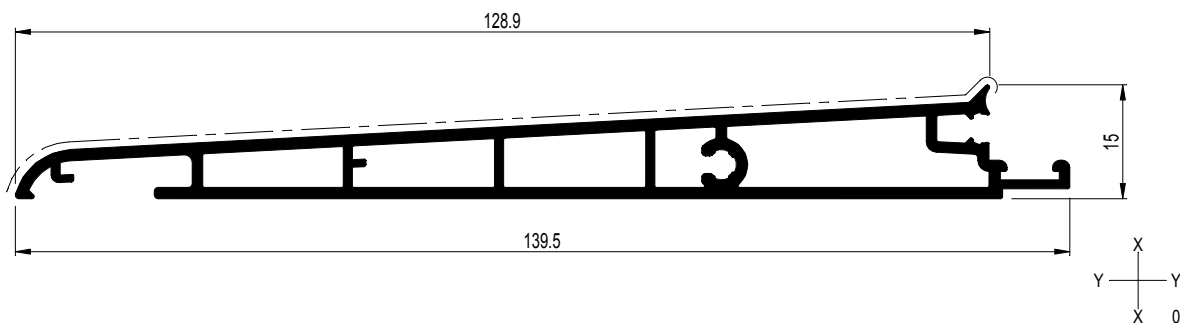
	017.0216.XX	
	021.0245.00	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
011.5132.XX	27.71	9.7	6.50	25.107	4.695	53.47	0.597	0.624	5.50	
011.5133.XX	34.68	13.2	6.50	67.596	9.126	74.07	0.738	0.730	4.96	
011.5196.XX	12.94	2.7	6.50	0.516	0.316	16.33	1.144	0.479	23.90	
017.0127.XX	32.97	12.3	6.50	20.830	3.544	58.77	4.778	1.344	35.54	

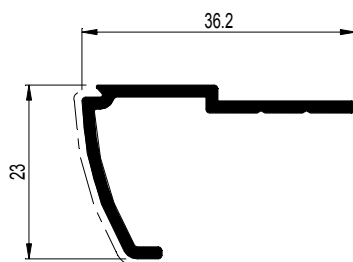
011.5132.XX



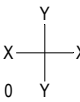
011.5133.XX



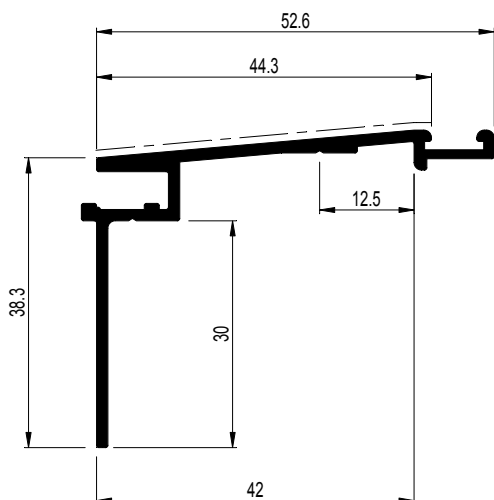
011.5196.XX



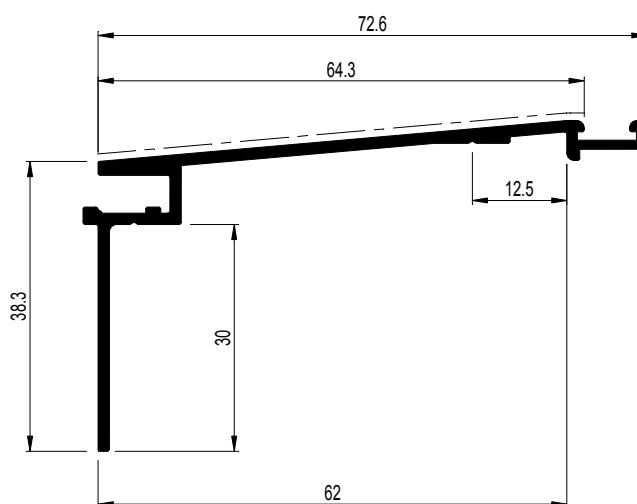
	011.5132.XX			011.5133.XX	
	030.5208.--		--		030.5208.--

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0189.XX	22.21	4.8	6.50	2.178	0.687	31.71	5.036	1.387	36.31	
017.0190.XX	26.20	10.2	6.50	2.527	0.755	33.48	12.024	2.488	26.28	
017.0193.XX	39.15	15.8	6.50	1.487	0.592	25.14	47.355	6.191	57.32	
017.0197.XX	10.63	3.7	6.50	0.224	0.173	12.99	0.785	0.425	18.49	

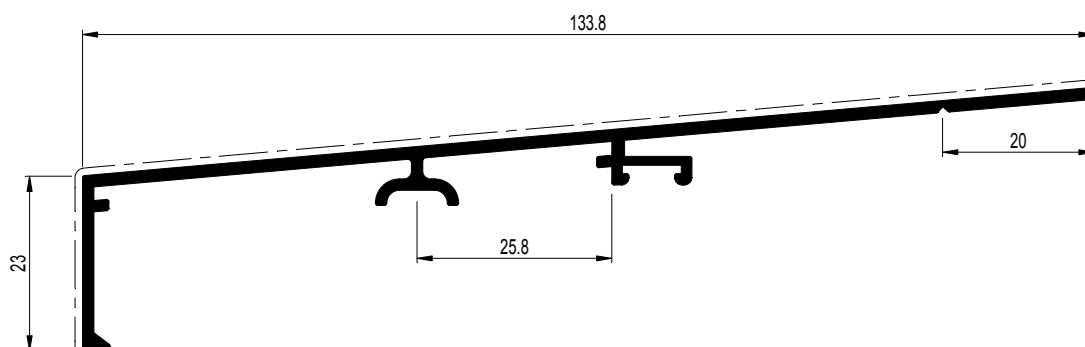
017.0189.XX



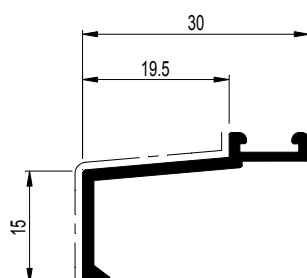
017.0190.XX



017.0193.XX

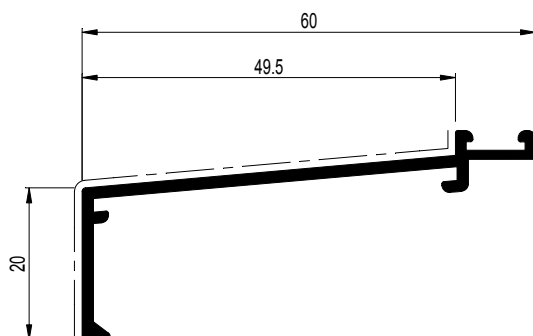


017.0197.XX

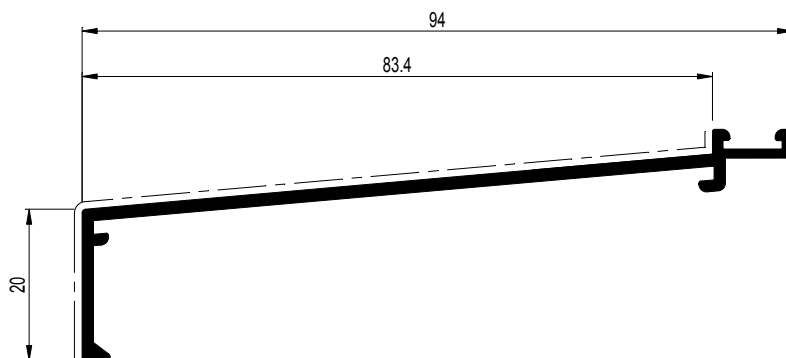


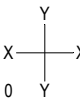
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0198.XX	19.00	7.3	6.50	0.613	0.322	19.05	0.006	1.729	34.70	X
017.0199.XX	25.81	10.7	6.50	0.843	0.399	21.15	19.870	3.816	41.93	0 Y

017.0198.XX

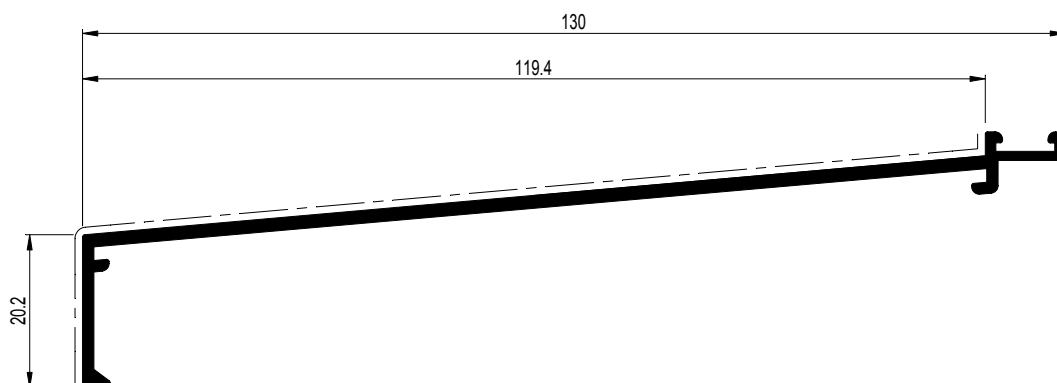


017.0199.XX

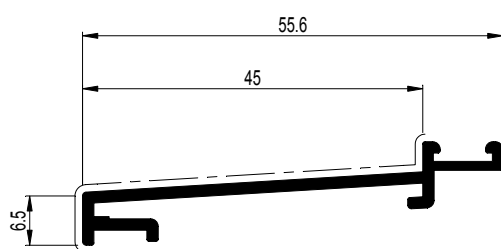


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0205.XX	33.06	14.3	6.50	1.202	0.517	23.26	48.536	6.900	59.66	
017.0233.XX	16.90	5.6	6.50	0.101	0.139	7.27	4.063	1.365	25.84	
017.0234.XX	15.00	5.0	6.50	0.495	0.291	16.99	1.893	0.798	23.72	
017.0235.XX	25.06	10.0	6.50	0.833	0.406	20.53	17.251	3.468	49.74	

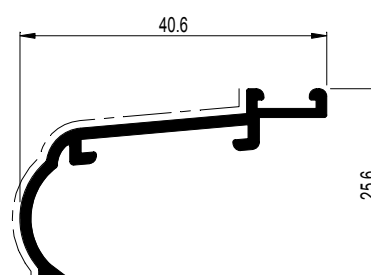
017.0205.XX



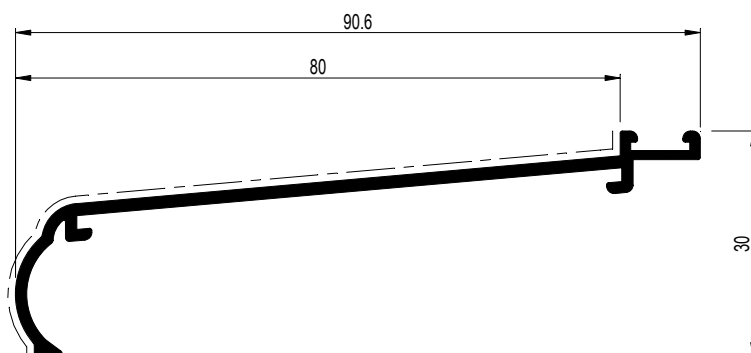
017.0233.XX



017.0234.XX

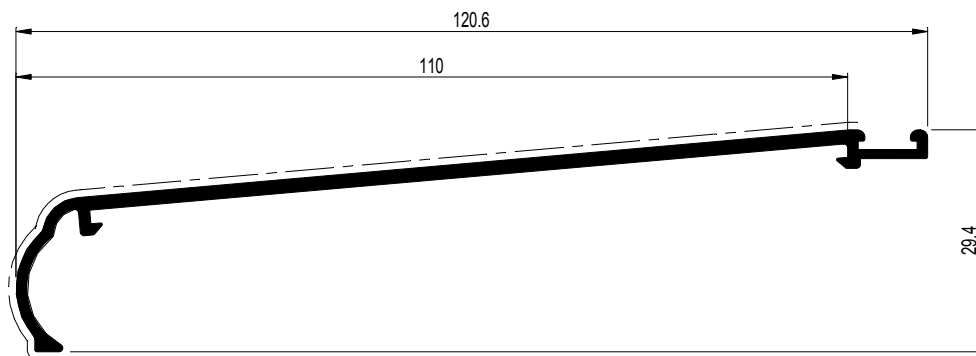


017.0235.XX

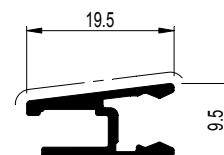


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0236.XX	30.26	12.8	6.50	1.006	0.459	21.92	37.060	5.642	65.69	
017.5002.XX	9.32	4.2	6.50	0.067	0.132	4.61	0.161	0.162	9.98	
017.5003.XX	35.06	15.2	6.50	28.875	4.456	64.81	21.672	3.699	58.59	
017.5019.XX	33.06	15.2	6.50	29.420	5.323	44.73	7.870	1.217	64.69	

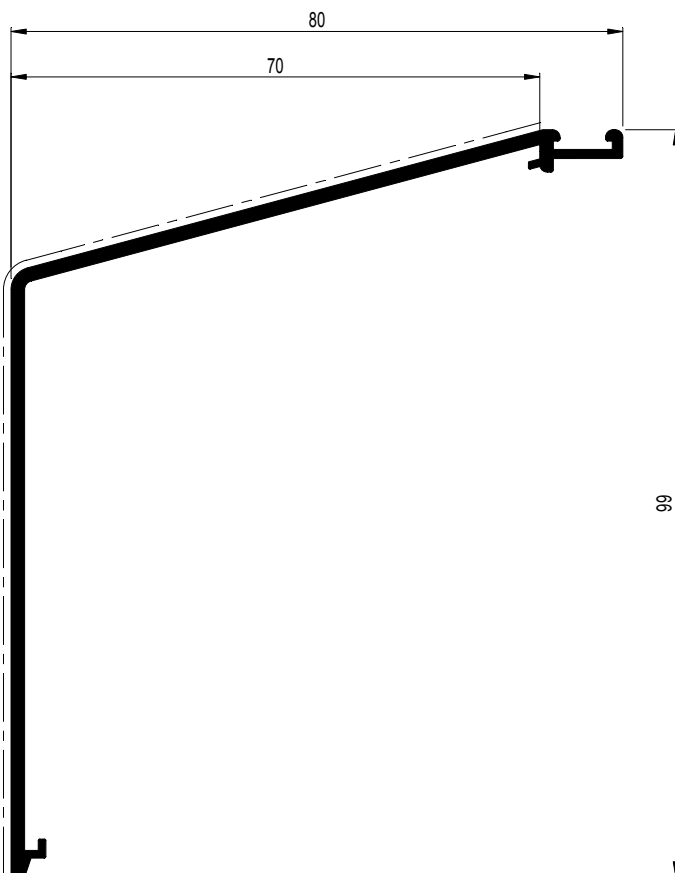
017.0236.XX



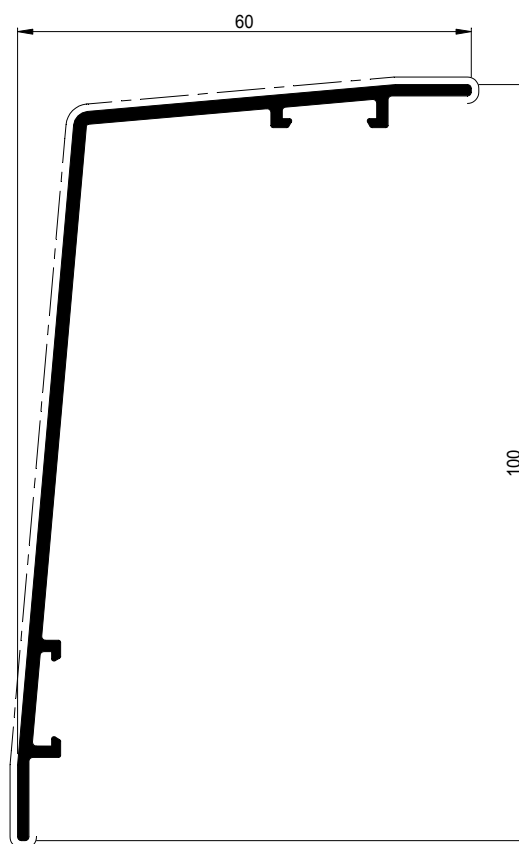
017.5002.XX



017.5003.XX



017.5019.XX



CP 68-AP

VENSTERBANK
WINDOW-SILL
BAVETTE
FENSTERBANK



E

Werktekeningen

Work drawings

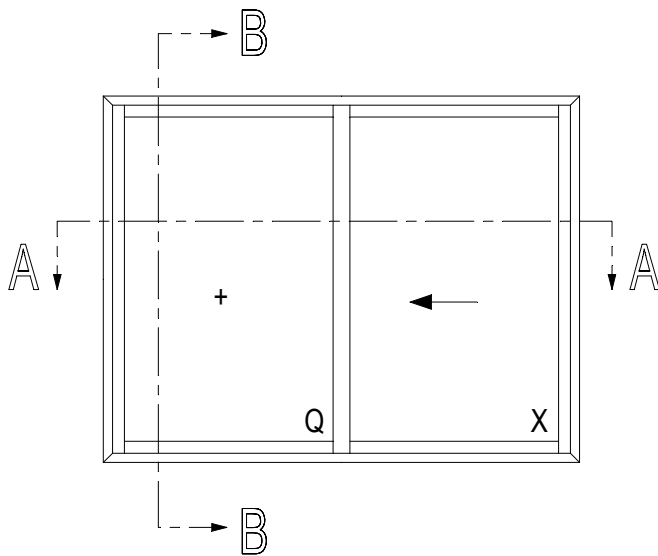
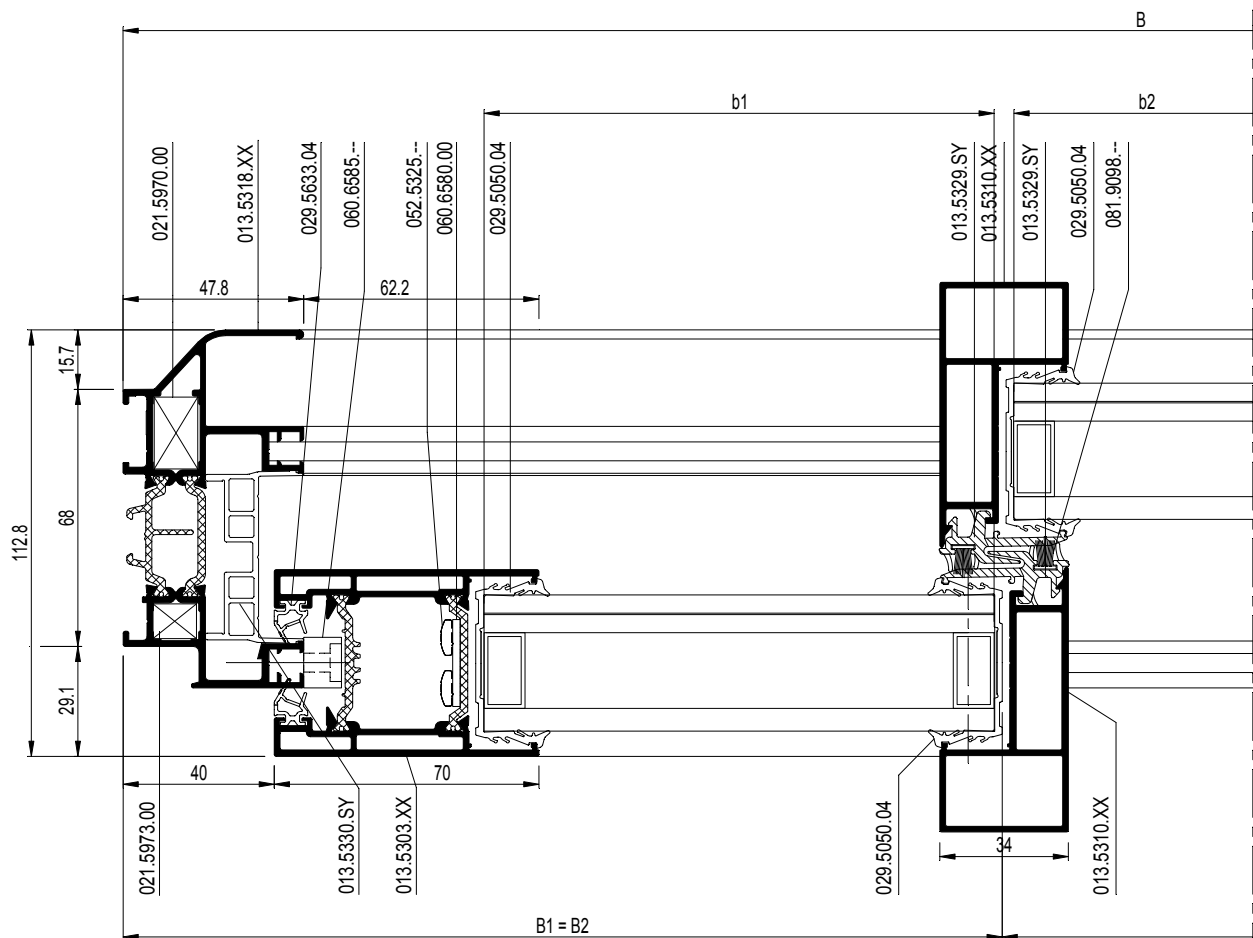
Coupes et débits

Werkzeichnungen

CP 68-AP

2-RAIL XQ
2-RAIL XQ
2-RAIL XQ
2-RAIL XQ




$$A = A$$


STANDAARD

			#		
013.5318.XX			2	H (a)	47F.c....
013.5332.SY			1	B (a)	47F.c....
013.5330.SY			2	H (a)	47F.c....
013.5300.XX			2	B1 - 67	47F.c....
013.5306.XX			2	H - 80 (a)	47F.c....
013.5328.SY			2	H - 80 (a)	47F.c....
013.5312.XX			4	B1 - 94	47F.c....
013.5316.XX			1	B - 36	47F.c....
006.1075.--			2	B - 77	47F.c....
013.5333.SY			2	B1 - 61	47F.c....

CP 68-AP

013.5303.XX			2	H - 80	47F.c....
013.5310.XX			2	H - 80 (a)	47F.c....
013.5329.SY			2	H - 80 (a)	47F.c....
013.5313.XX			4	B1 - 94	47F.c....

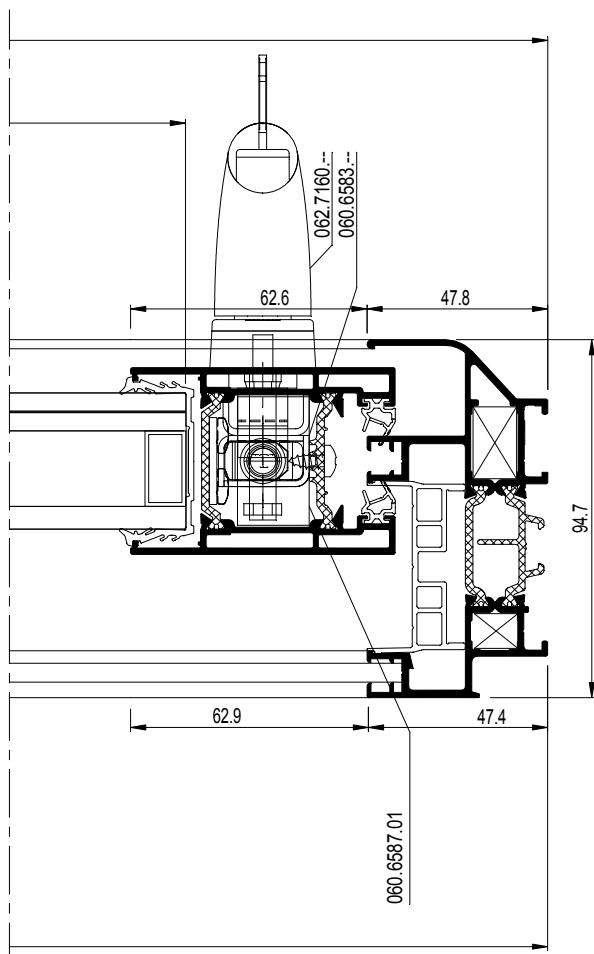
(a) Montage voor zagen / Assembler avant le sciage
Assembly before sawing / Montage bevor sägen



b1 = B1 - 98

b2 = B2 - 98

h = H - 176



STANDAARD

CP 68-AP

		#	
021.5970.00		4	47.F.g....
021.5973.00		4	47F.g....
030.5047.--		16	47F.g....
052.5325.--		16	47F.g....
021.6002.07		4	47F.g....
(b) 021.5697.--		2	47F.g....
021.5698.--		2	47F.g....
024.5618.SY		4	47F.g....
022.5550.04		1	47F.g....
022.5551.04		1	47F.g....
062.7115.04		2	47F.g....
024.5623.SY		4	47F.g....
024.5621.SY		4	47F.g....
024.5619.SY		2	47F.g....
024.5624.SY		1	47F.g....
* 024.5605.04		8	47F.g....
033.0102.--		3/m	47F.g....
062.7142.04		2	47F.g....
022.5584.01		2	47F.g....
022.5377.--		2	47F.g....
022.5378.--		2	47F.g....
062.7105.--		2	47F.g....
062.7106.XX		2	47F.g....
029.5050.04		2B + 4H	47F.g....
029.5633.04		4B + 4H	47F.g....
081.9098.07		2H	47F.g....

(b)

MAX. GEWICHT VLEUGEL
POIDS MAXI DU VANTAIL
MAX WEIGHT OF THE VENT
MAX. FLÜGELGEWICHT

zie pagina's 47F.f....
voir pages 47F.f....
see pages 47F.f....
siehe Seite 47F.f....

+ 060.6580.00  4 47G.g....

] +

050.5386.--		4	47G.g....
050.5019.--		3	47G.g....
050.5077.--		1	47G.g....

→

→

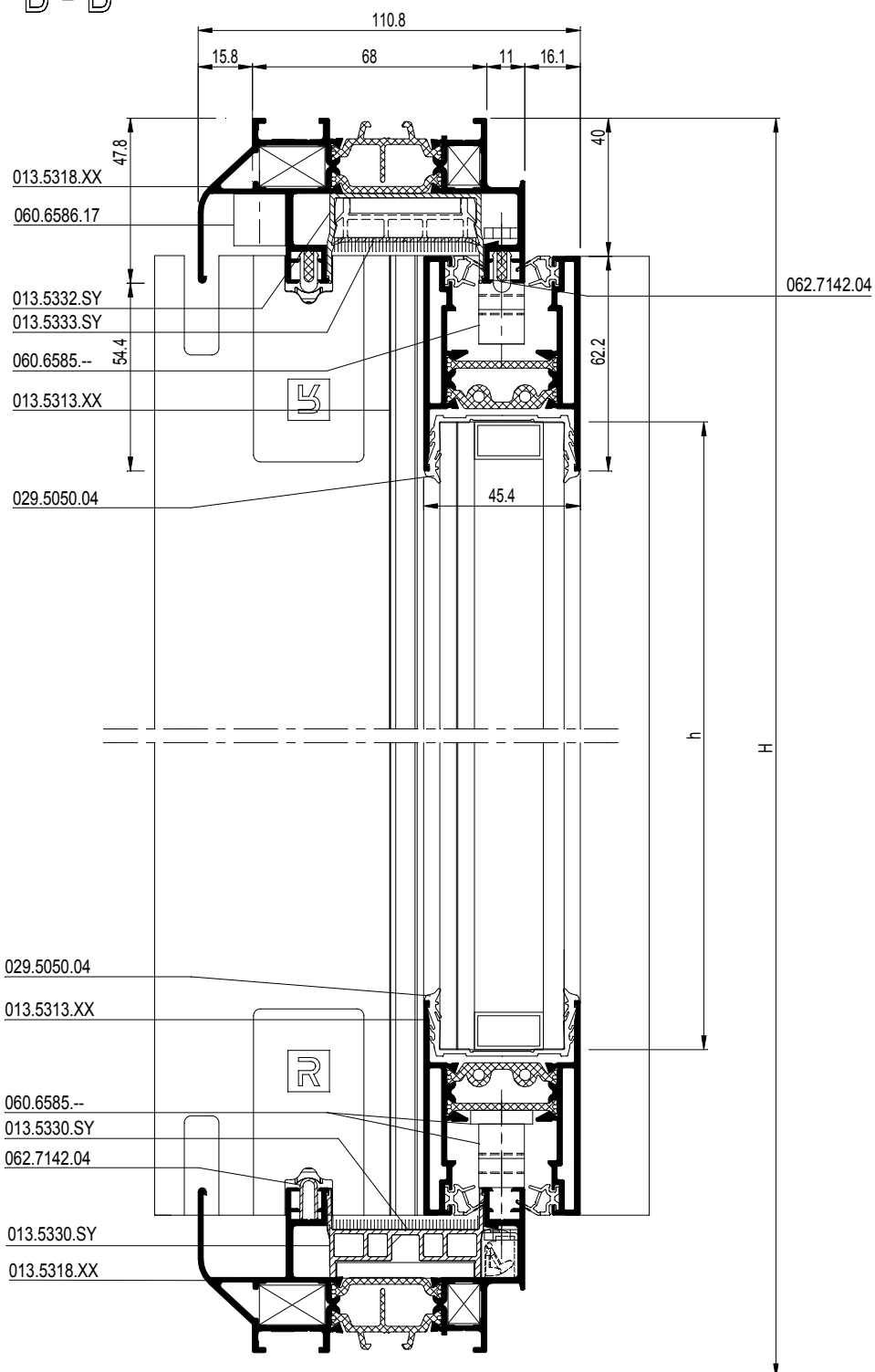
024.5639.SY		4	47G.g....
024.5620.SY		2	47G.g....

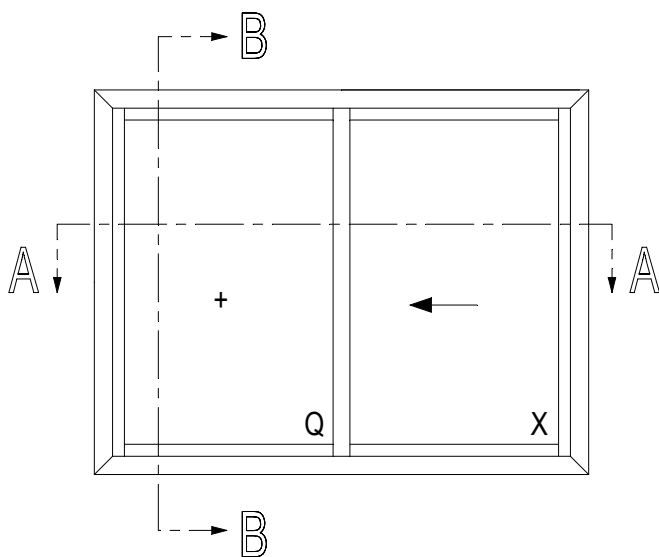
→

→

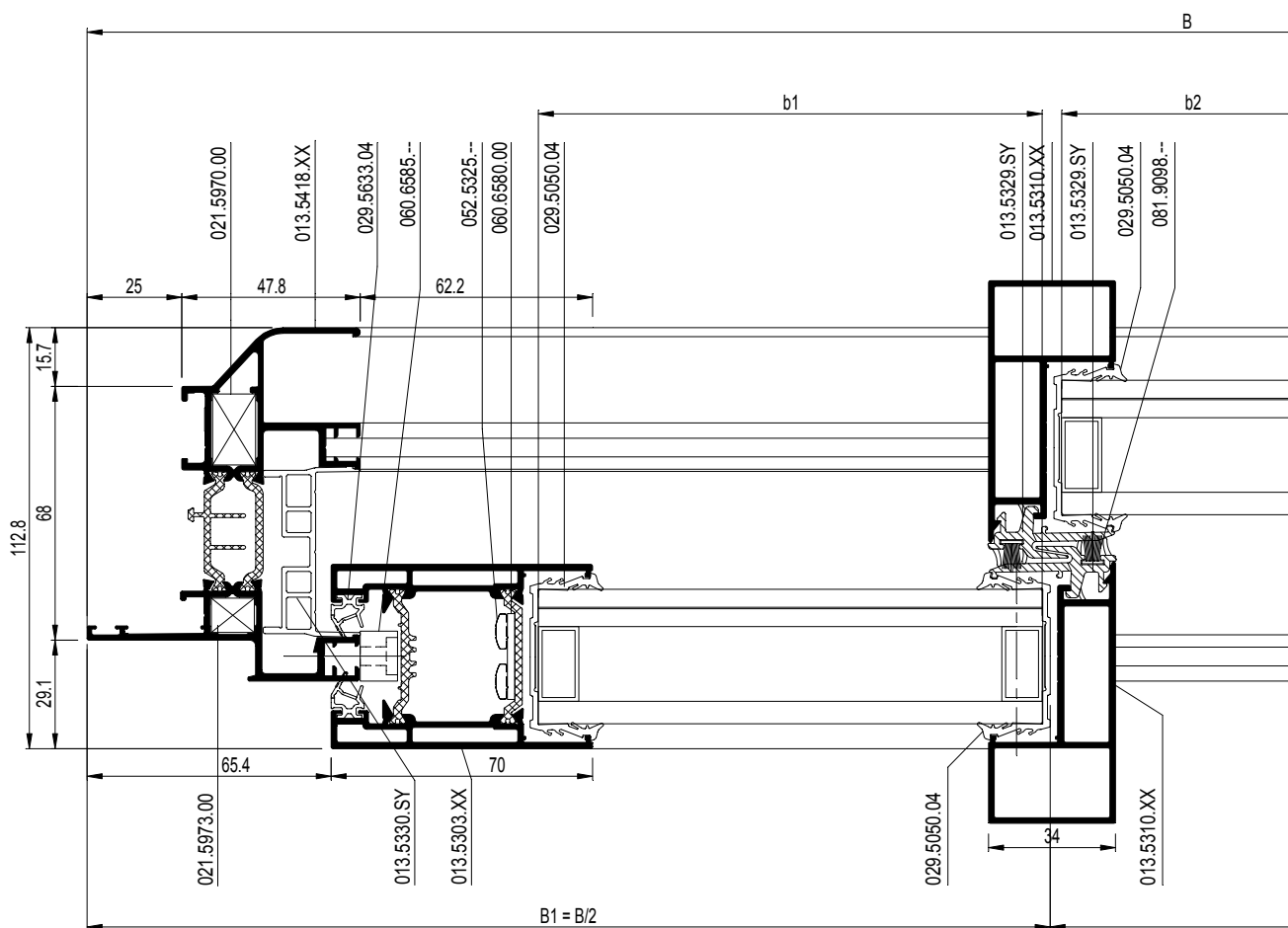
060.6581.--		1	47G.g....
060.6587.01		1	47G.g....
053.5401.--		2	47G.g....
060.6585.--		1	47G.g....
060.6586.17		1	47G.g....
060.6220.17		1	47G.g....

B - B





A - A



STANDAARD

			#	$\leftarrow L_m \rightarrow$	
013.5317.XX			2	H (a)	47F.c....
			2	B (a)	
013.5332.SY			1	B (a)	47F.c....
013.5330.SY			2	H (a)	47F.c....
			2	B1 - 92	
013.5300.XX			2	H - 80	47F.c....
013.5306.XX			2	H - 80 (a)	47F.c....
013.5328.SY			2	H - 80 (a)	47F.c....
013.5312.XX			4	B1 - 94	47F.c....
013.5316.XX			1	B - 86	47F.c....
006.1075.--			2	B - 127	47F.c....
013.5333.SY			2	B1 - 86	47F.c....

CP 68-AP

013.5418.XX			2	H (a)	47F.c....
			2	B (a)	

013.5303.XX			2	H - 130	47F.c....
013.5310.XX			2	H - 130(a)	47F.c....
013.5329.SY			2	H - 130(a)	47F.c....
013.5313.XX			4	B1 - 119	47F.c....

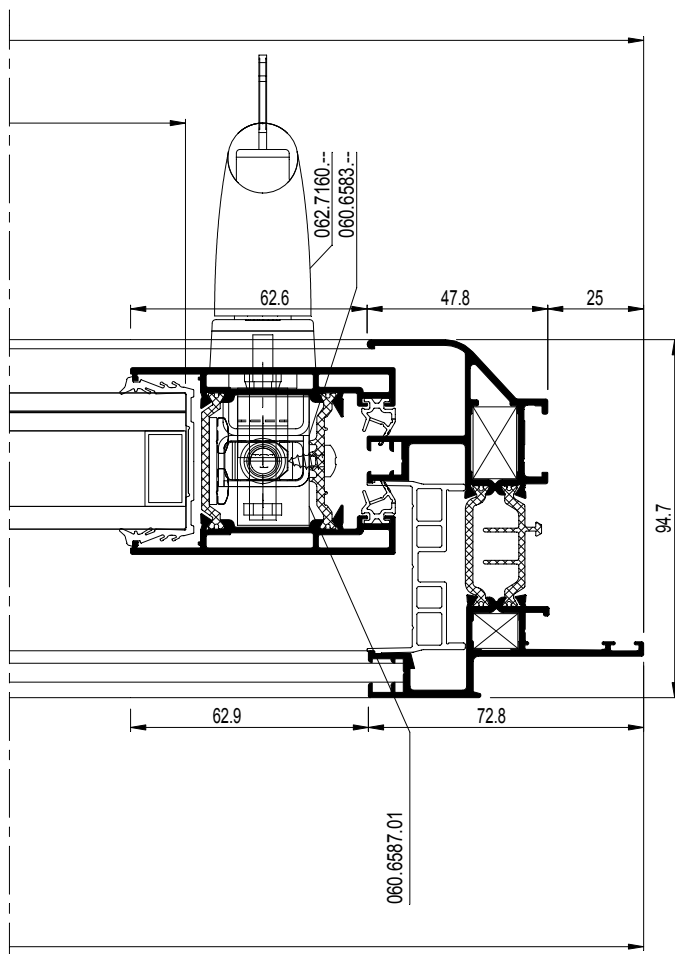
(a) Montage voor zagen / Assembler avant le sciage
Assembly before sawing / Montage bevor sägen



b1 = B1 - 123

b2 = B2 - 123

h = H - 226



STANDAARD

CP 68-AP

		#	
021.5970.00		4	47.F.g....
021.5973.00		4	47F.g....
030.5047.--		16	47F.g....
052.5325.--		16	47F.g....
021.6002.07		4	47F.g....
(b) 021.5697.--		2	47F.g....
021.5698.--		2	47F.g....
024.5618.SY		4	47F.g....
022.5550.04		1	47F.g....
022.5551.04		1	47F.g....
062.7115.04		2	47F.g....
024.5623.SY		4	47F.g....
024.5621.SY		4	47F.g....
024.5619.SY		2	47F.g....
024.5624.SY		1	47F.g....
* 024.5605.04		8	47F.g....
033.0102.--		3/m	47F.g....
062.7142.04		2	47F.g....
022.5584.01		2	47F.g....
022.5377.--		2	47F.g....
022.5378.--		2	47F.g....
062.7105.--		2	47F.g....
062.7106.XX		2	47F.g....
029.5050.04		2B + 4H	47F.g....
029.5633.04		4B + 4H	47F.g....
081.9098.07		2H	47F.g....

(b)

MAX. GEWICHT VLEUGEL
POIDS MAXI DU VANTAIL
MAX WEIGHT OF THE VENT
MAX. FLÜGELGEWICHT

zie pagina's 47F.f....
voir pages 47F.f....
see pages 47F.f....
siehe Seite 47F.f....

+

060.6580.00		4	47G.g....
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] +

050.5386.--		4	47G.g....
050.5019.--		3	47G.g....
050.5077.--		1	47G.g....

→

→

024.5639.SY		4	47G.g....
024.5620.SY		2	47G.g....

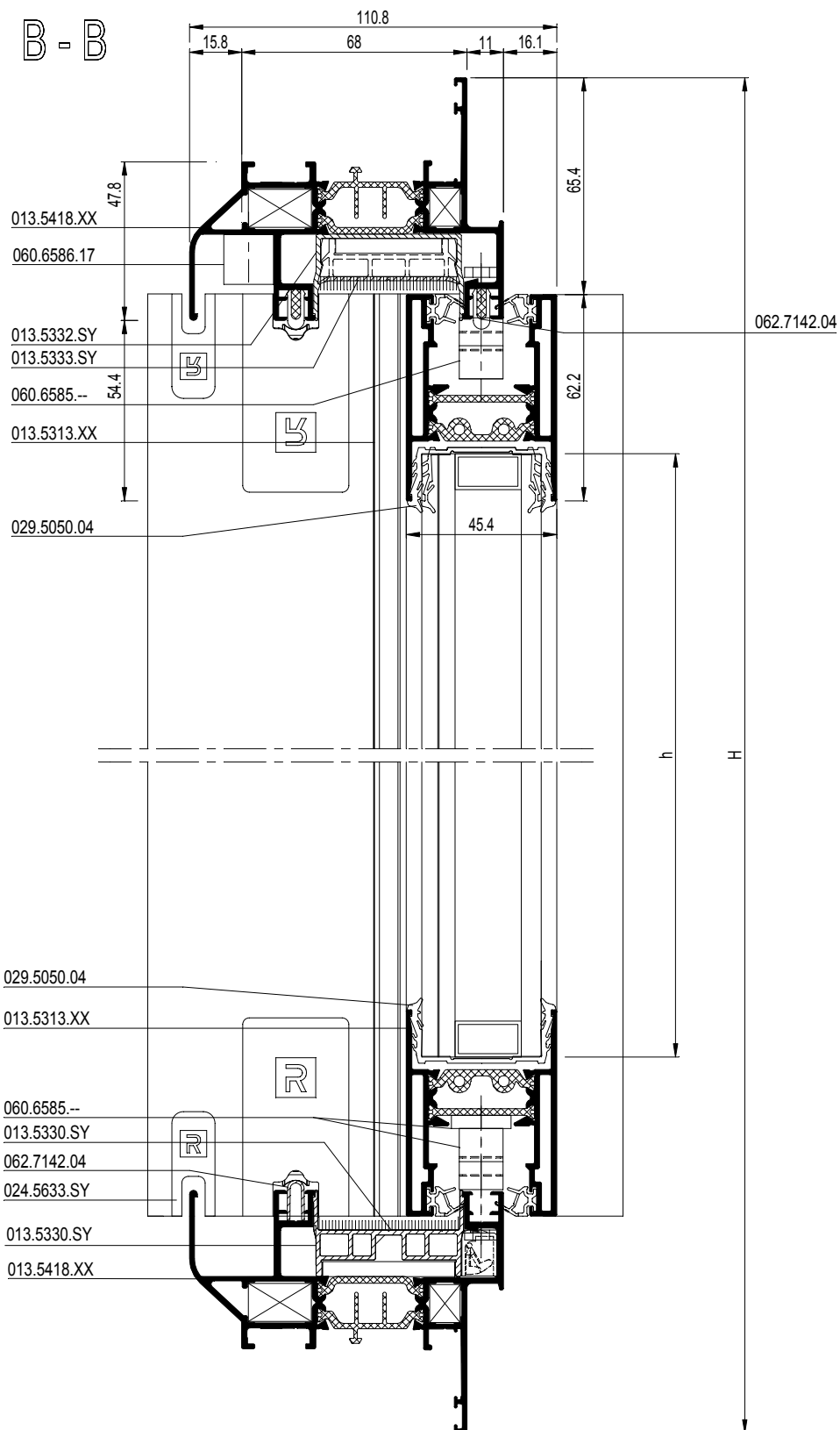
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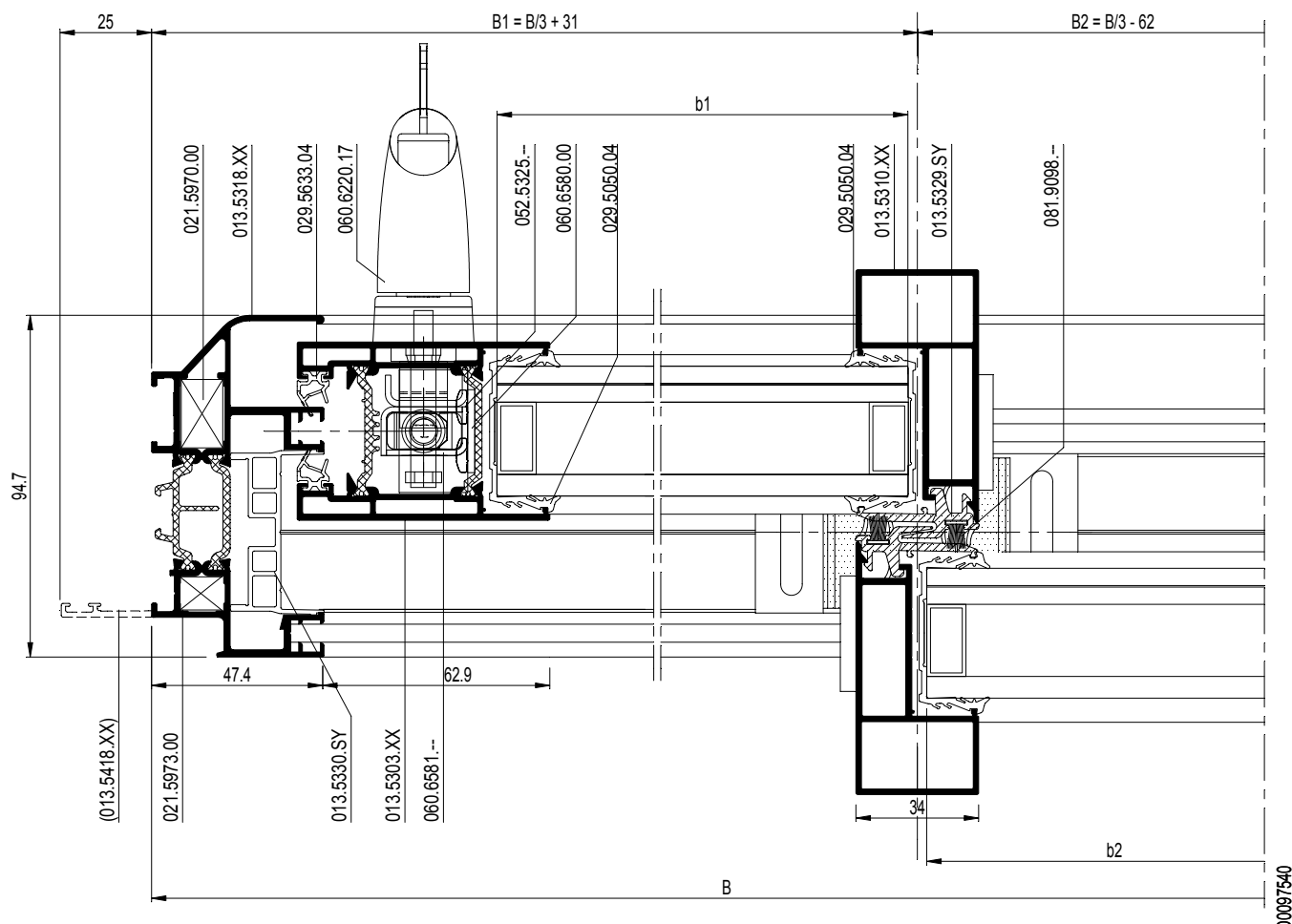
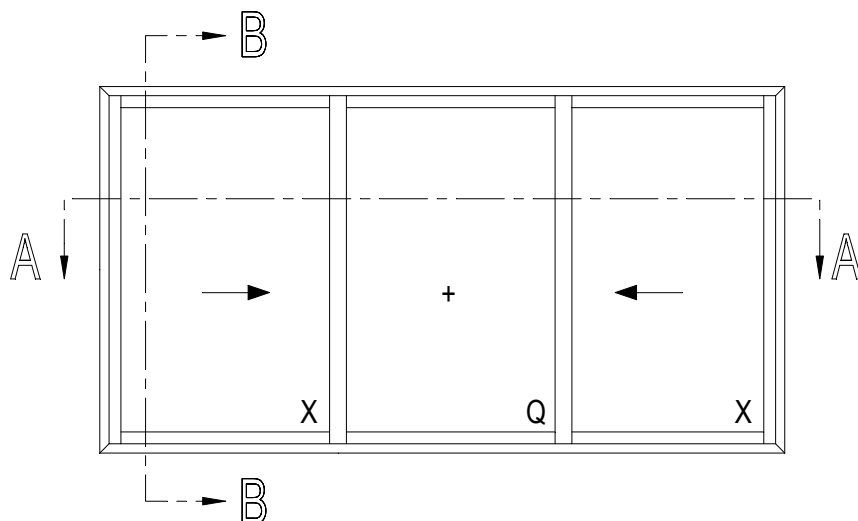
→

060.6581.--		1	47G.g....
060.6587.01		1	47G.g....
053.5401.--		2	47G.g....
060.6585.--		1	47G.g....
060.6586.17		1	47G.g....
060.6220.17		1	47G.g....

+

024.5633.SY		2	47G.g....
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			#	$\leftarrow L_m \rightarrow$	
013.5318.XX			2	H (a)	47F.c....
			2	B (a)	
013.5332.SY			1	B (a)	47F.c....
013.5330.SY			2	H (a)	47F.c....
			1	B1 - 67.5	
			1	B2 - 91	
			1	B3 - 67.5	
013.5303.XX			4	H - 80	47F.c....
013.5310.XX			4	H - 80 (a)	47F.c....
013.5329.SY			2	H - 80 (a)	47F.c....
013.5313.XX			2	B1 - 95	47F.c....
			2	B2 - 2	
			2	B3 - 95	
013.5316.XX			1	B - 36	47F.c....
006.1075.--			2	B - 77	47F.c....
013.5333.SY			2	B1 - 61.5	47F.c....
			1	B2 - 50	
			1	B3 - 61.5	

OF - OU - OR - ODER

013.5418.XX



2

H + 50.8

47F.c....

2

B + 50.8

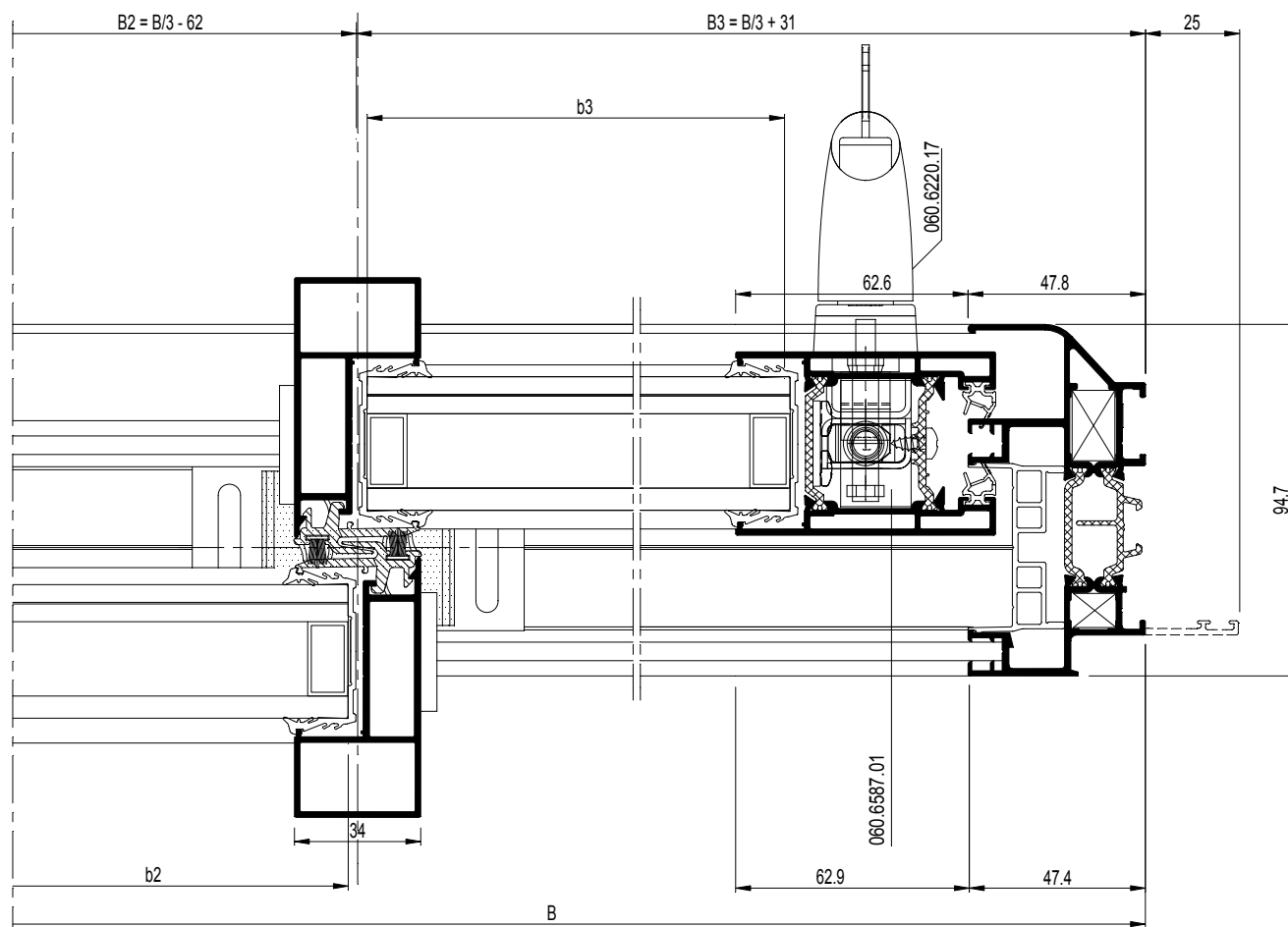


b1 = B1 - 99

b2 = B2 - 6

b3 = B3 - 99

h = H - 176

(a) Montage voor zagen / Assembler avant le sciage
Assembly before sawing / Montage bevor sägen

STANDAARD

CP 68-AP

			#	
021.5970.00			4	47F.g....
021.5973.00			4	47F.g....
030.5047.--			16	47F.g....
052.5325.--			24	47F.g....
021.6002.07			6	47F.g....
021.5697.--			2	47F.g....
021.5698.--			2	47F.g....
024.5618.SY			8	47F.g....
022.5550.SY			2	47F.g....
022.5551.SY			2	47F.g....
062.7115.04			2	47F.g....
024.5623.SY			4	47F.g....
024.5621.SY			4	47F.g....
024.5619.SY			4	47F.g....
024.5624.SY			1	47F.g....
* 024.5605.04			12	47F.g....
033.0102.--			3/m	47F.g....
062.7142.04			4	47F.g....
022.5584.01			4	47F.g....
022.5377.--			2	47F.g....
022.5378.--			2	47F.g....
062.7105.--			2	47F.g....
062.7106.XX			2	47F.g....
029.5050.04			2B + 6H	47F.g....
029.5633.04			4B + 4H	47F.g....
081.9098.07			4H	47F.g....

* Si vantail ≥ 1600 mm
If vent ≥ 1600 mm

(b)

MAX. GEWICHT VLEUGEL POIDS MAXI DU VANTAIL MAX WEIGHT OF THE VENT MAX. FLÜGELGEWICHT	zie pagina's 47F.f.... voir pages 47F.f.... see pages 47F.f.... siehe Seite 47F.f....
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+

060.6580.00		8	47G.g....
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] +

050.5386.--		8	47G.g....
050.5019.--		6	47G.g....
050.5077.--		2	47G.g....

→

024.5639.SY		4	47G.g....
-------------	--	---	-----------

→

024.5620.SY		4	47G.g....
-------------	--	---	-----------

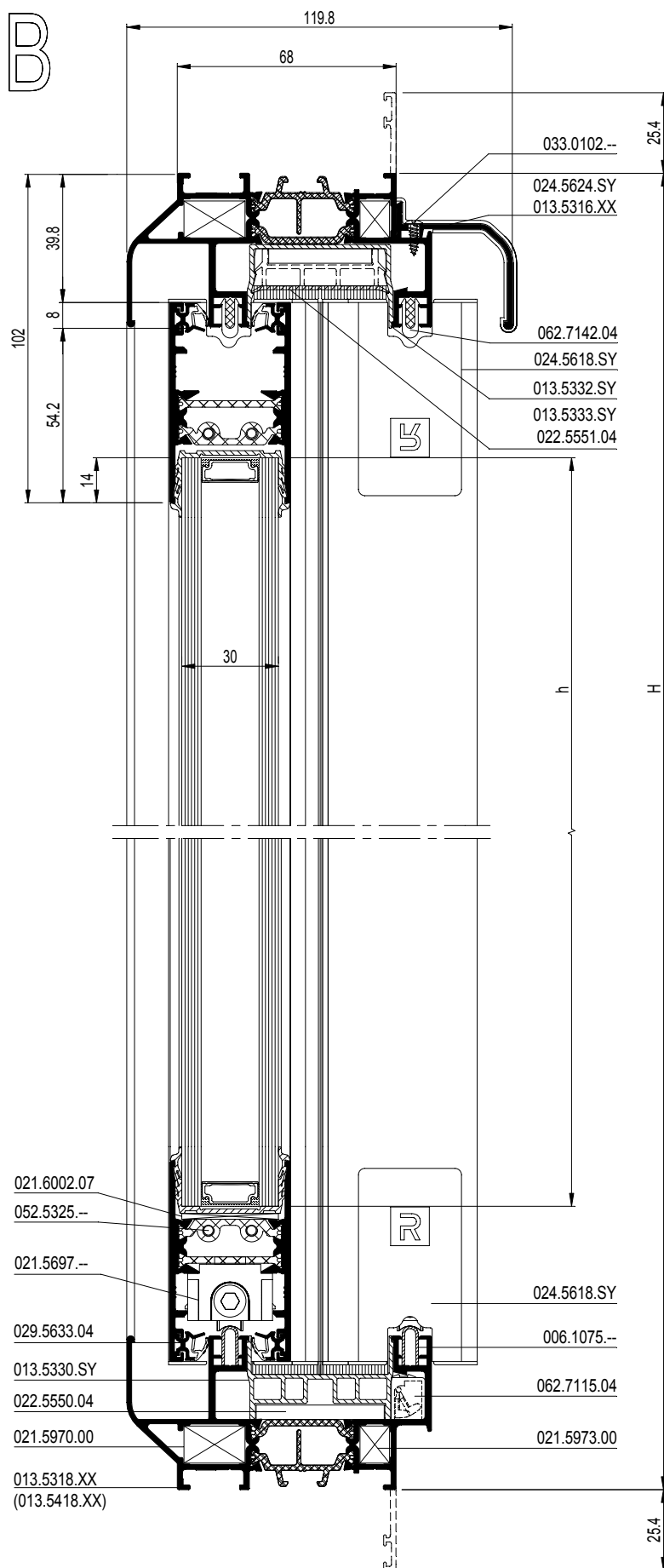
→

060.6581.--		1	47G.g....
060.6587.01		4	47G.g....
053.5401.--		4	47G.g....
060.6585.--		1	47G.g....
060.6586.17		2	47G.g....

→

060.6220.17		2	47G.g....
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B - B



CP 68-AP

2-RAIL XQX
2-RAIL XQX
2-RAIL XQX
2-RAIL XQX



F

Montagetekeningen
Assembly drawings
Fabrication et montage
Montagezeichnungen

CP 68-AP

MONTAGE ALGEMEEN
GENERAL ASSEMBLY
MONTAGE GÉNÉRAL
ALLGEMEIN MONTAGE



VOOR / POUR / FOR / FÜR :

Persen / Presse / Pressing / Presseckverb.

Schroeven / Vis / Screws / Schrauben

Uitfrezingen / Fraisages / Millings / Saufraesungen

Drainage / Drainage / Drainage / Drainage

Montage toebehoren / Assemblage accessoires / Assembly accessories / Montage zubehoer

Beglazing / Vitrage / Glazing / Verglasung

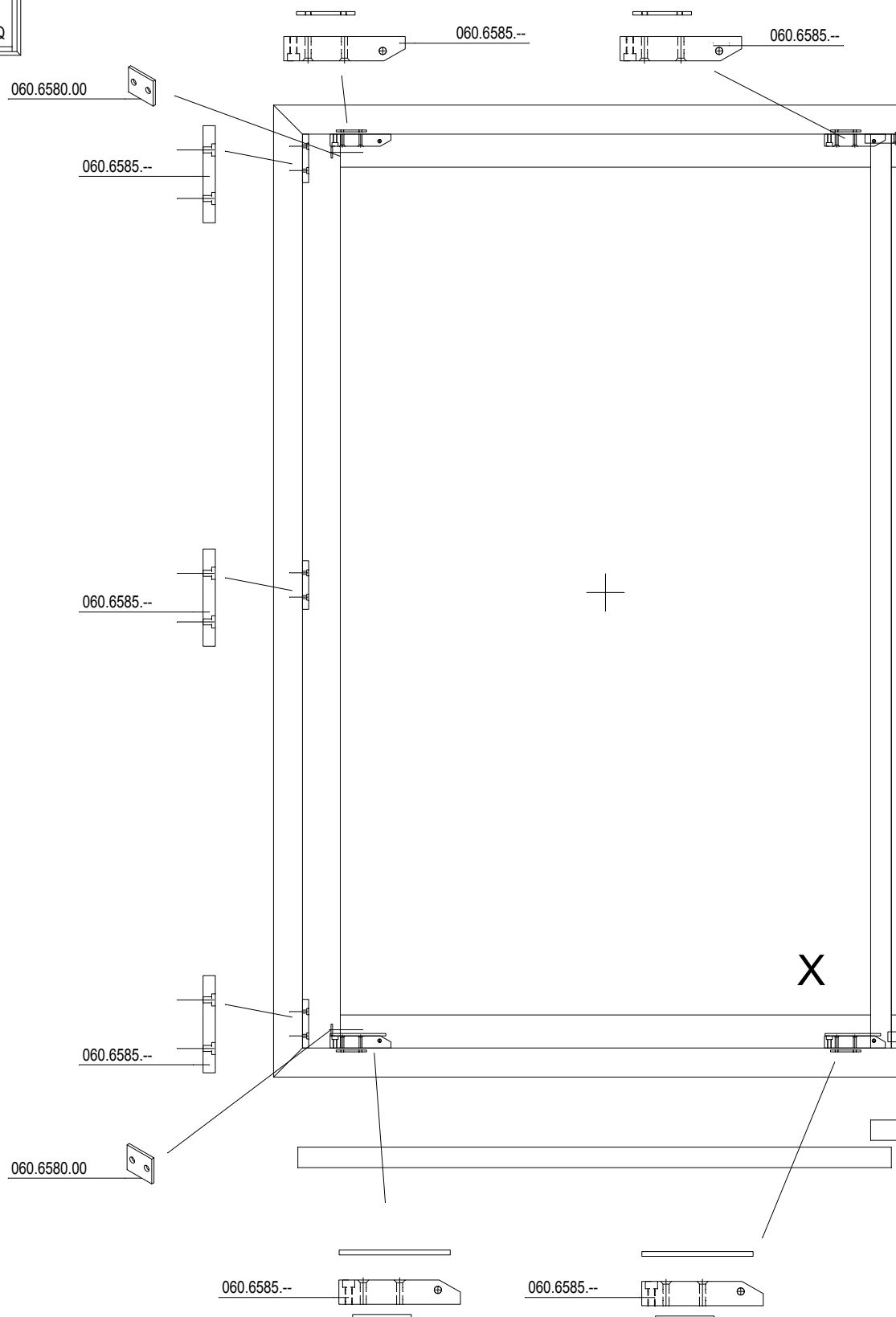
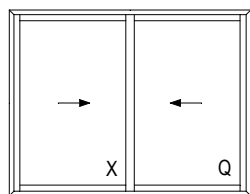
Gereedschappen / Outillages / Tools / Werkzeuge

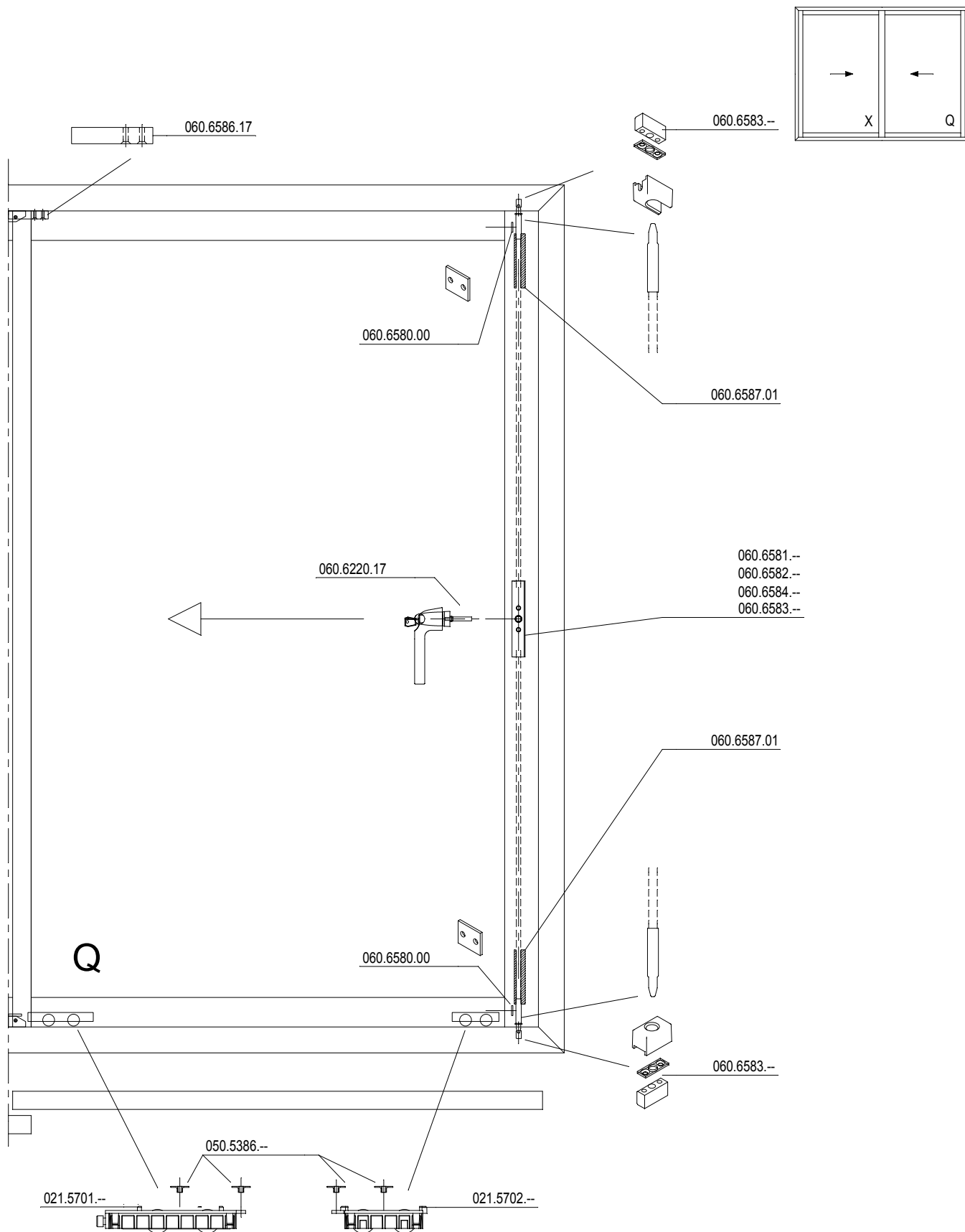


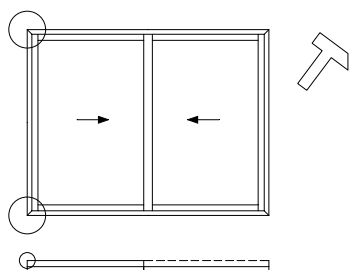
○	CP 68 (STANDAARD)
○	
○	
○	
089.F47C.00	
○	



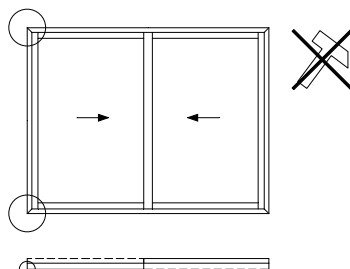
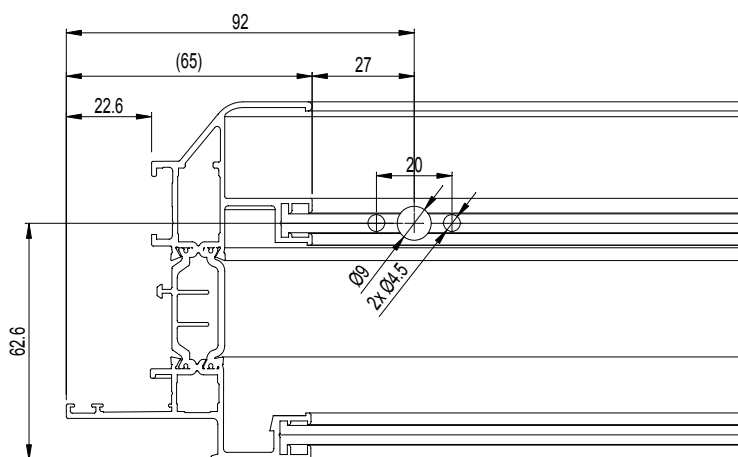
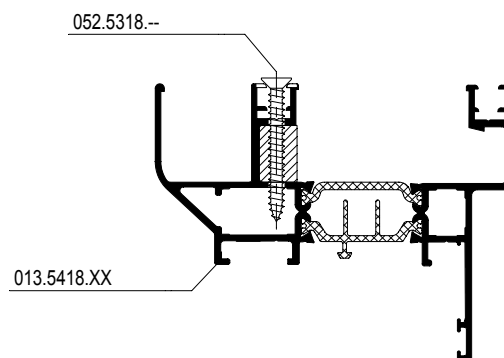
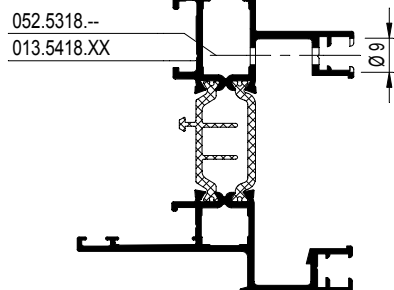
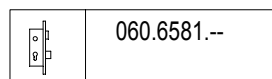
ZIE IN DEZE CATALOGOOG VOOR SPECIALS
VOIR DANS CE CATALOGUE POUR SPÉCIAUX
SEE THIS CATALOGUE FOR SPECIALS
SIEHE IN DIESEM KATALOG FÜR SPEZIELL



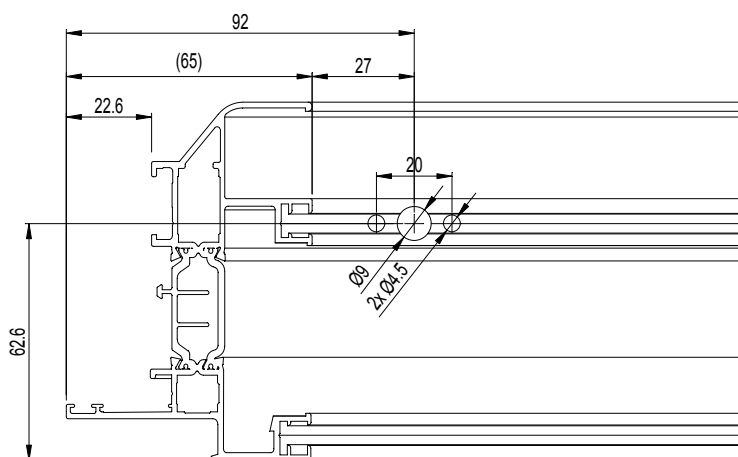
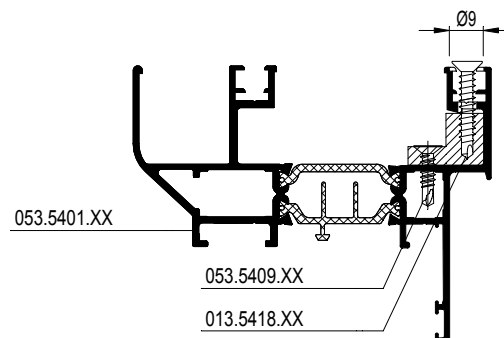
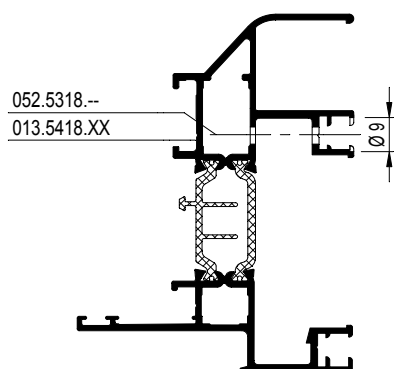
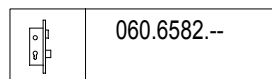


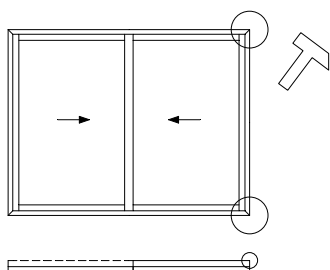


DIN L

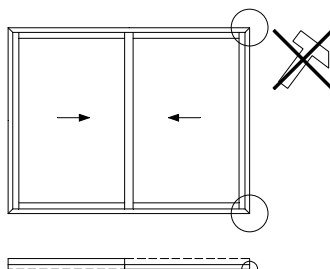
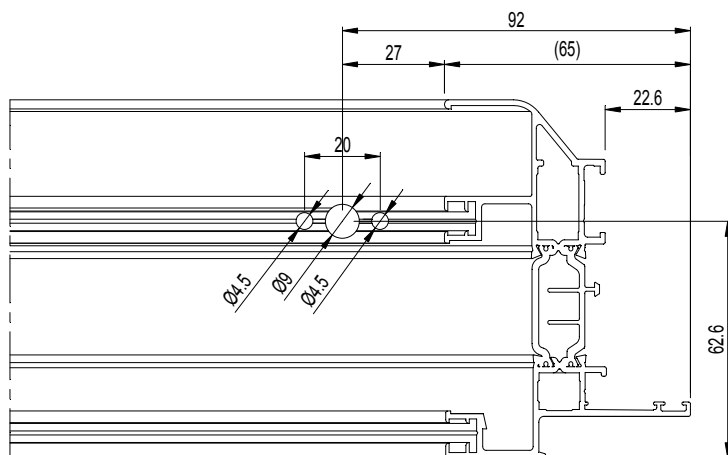
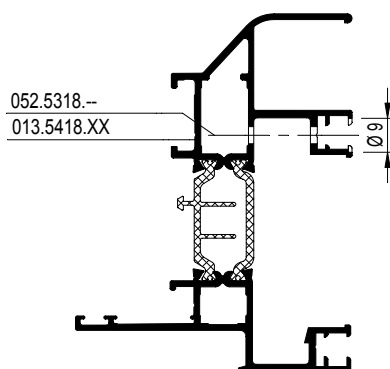
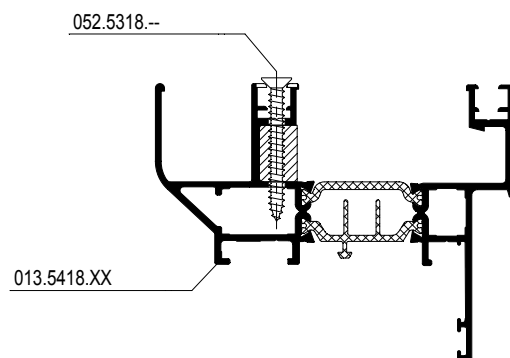
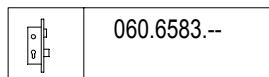


DIN L

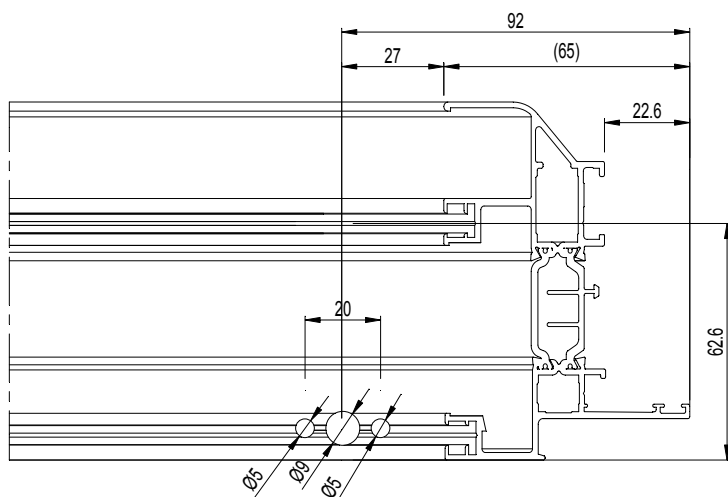
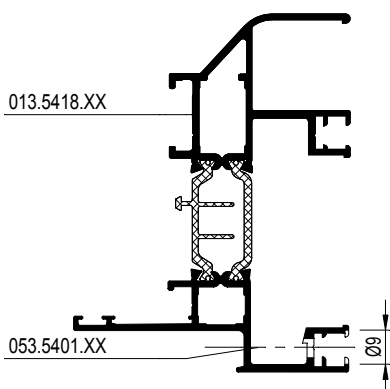
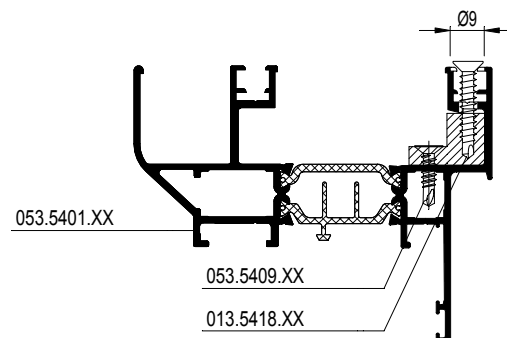
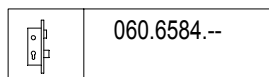


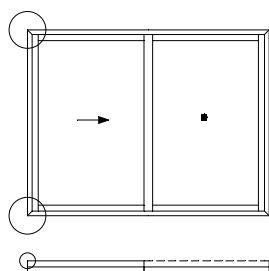


DIN R



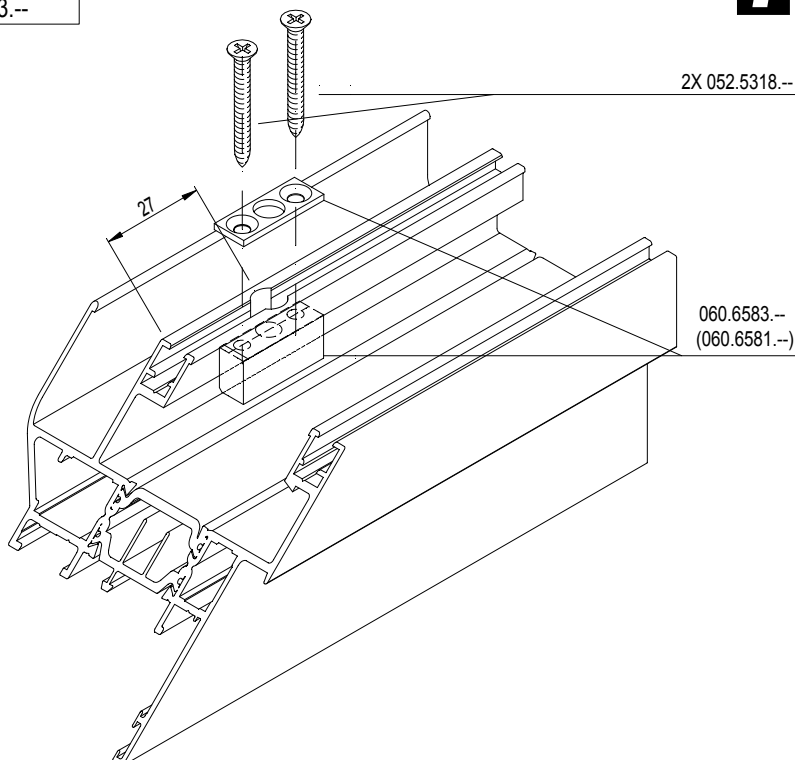
DIN R



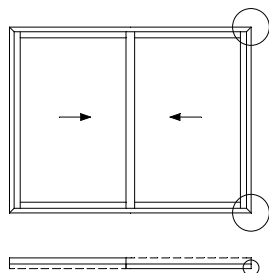
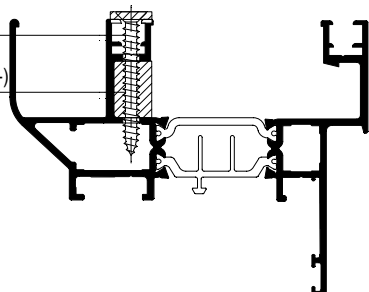


	060.6581.--
	060.6583.--

2X 052.5318.--



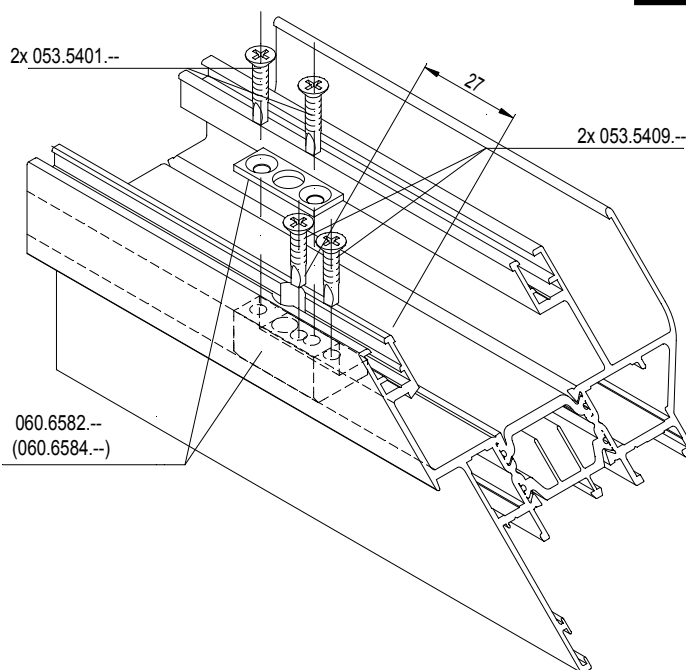
052.5318.--
060.6583.--
(060.6581.--)



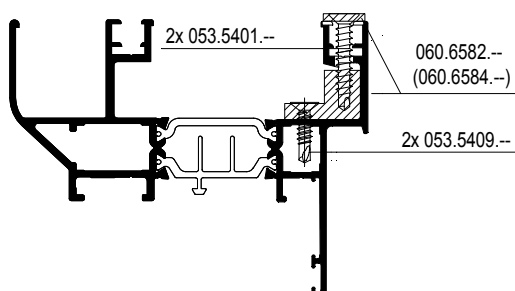
	060.6582.--
	060.6584.--

2x 053.5401.--

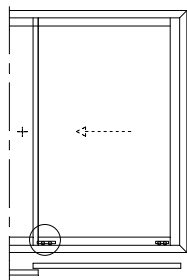
2x 053.5409.--



060.6582.--
(060.6584.--)

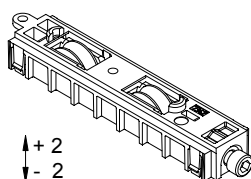


Plaatsen VOOR montage buitenkader
Positionnement AVANT assemblage dormant
Positioning BEFORE assembly outer frame
Positionierstuecken BEVOR montage blendrahmen



			MAX. GEWICHT VLEUGEL POIDS MAXI DU VANTAIL MAX WEIGHT OF THE VENT MAX. FLÜGELGEWICHT	RAIL RAIL RAIL SCHIENE
	021.5701.--	DUBBEL WIEL NIET REGELBAAR NYLON ROULETTE DOUBLE REGLABLE NYLON DOUBLE ROLLER ADJUSTABLE NYLON DOPPELTES LAUFRAD VERSTELLBAR NYLON	160 Kg	006.1076.17 006.1077.04
	021.5697.--	DUBBEL WIEL REGELBAAR INOX ROULETTE DOUBLE REGLABLE INOX DOUBLE ROLLER ADJUSTABLE INOX DOPPELTES LAUFRAD VERSTELLBAR INOX	160 Kg	006.1075.--

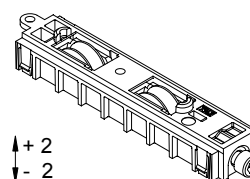
NYLON WIEL
ROULETTE NYLON
NYLON ROLLER
NYLON LAUFRAD



± 2
- 2

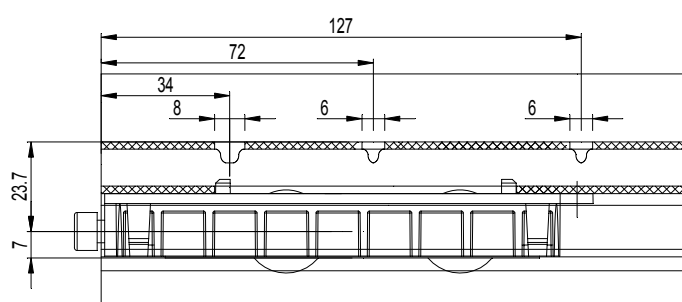
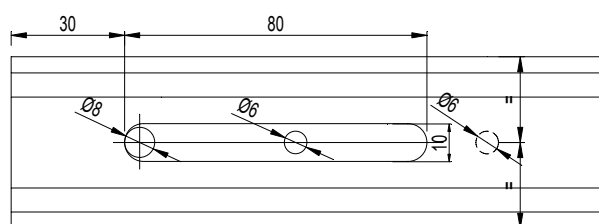
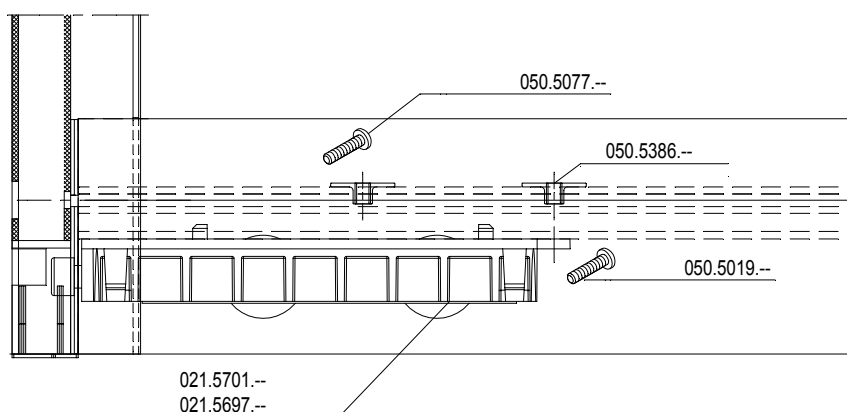
021.5701.--

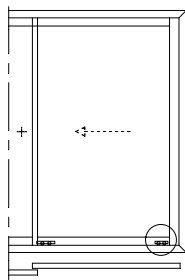
INOX WIEL
ROULETTE INOX
INOX ROLLER
INOX LAUFRAD



± 2
- 2

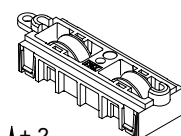
021.5697.--





			MAX. GEWICHT VLEUGEL POIDS MAXI DU VANTAIL MAX WEIGHT OF THE VENT MAX. FLÜGELGEWICHT	RAIL RAIL RAIL SCHIENE
	021.5702.--	DUBBEL WIEL NIET REGELBAAR NYLON ROULETTE DOUBLE NON-REGLABLE NYLON DOUBLE ROLLER NOT ADJUSTABLE NYLON DOPPELTES LAUFRAD NICHT VERSTELLBAR NYLON	160 Kg	006.1076.17 006.1077.04
	021.5698.--	DUBBEL WIEL NIET REGELBAAR INOX ROULETTE DOUBLE NON-REGLABLE INOX DOUBLE ROLLER NOT ADJUSTABLE INOX DOPPELTES LAUFRAD NICHT VERSTELLBAR INOX	160 Kg	006.1075.- -

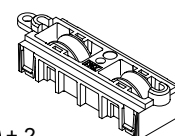
NYLON WIEL
ROULETTE NYLON
NYLON ROLLER
NYLON LAUFRAD



↑ + 2
↓ - 2

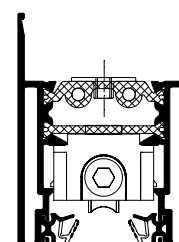
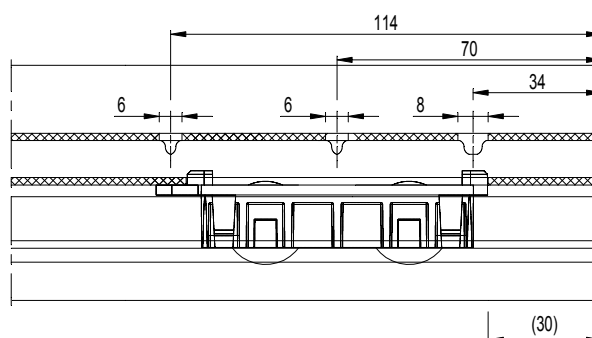
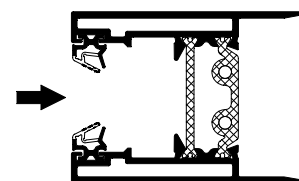
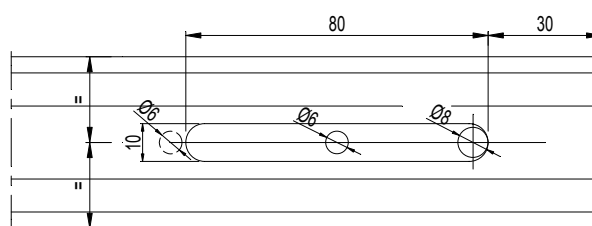
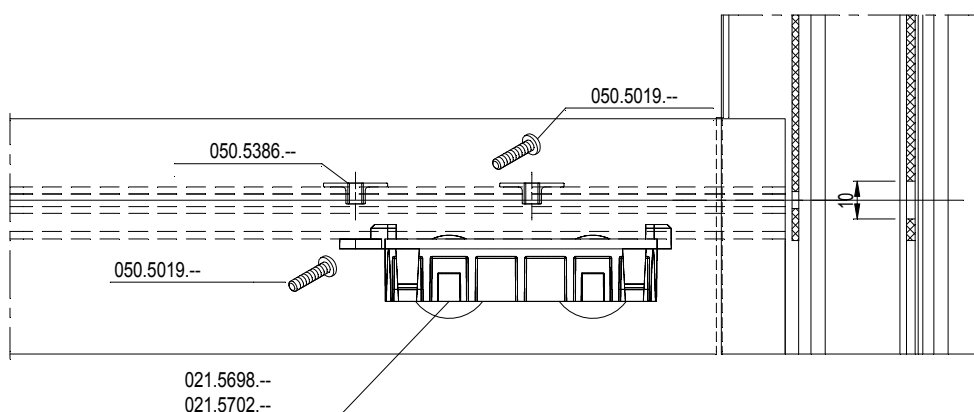
021.5702.--

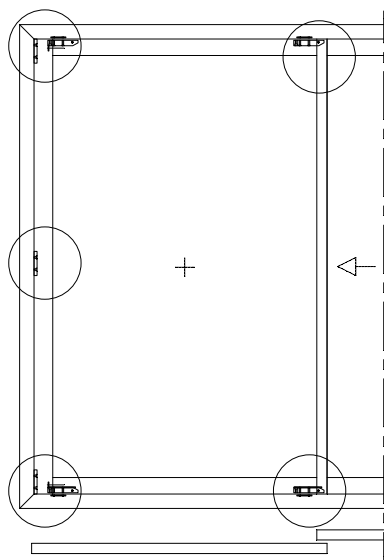
INOX WIEL
ROULETTE INOX
INOX ROLLER
INOX LAUFRAD



↑ + 2
↓ - 2

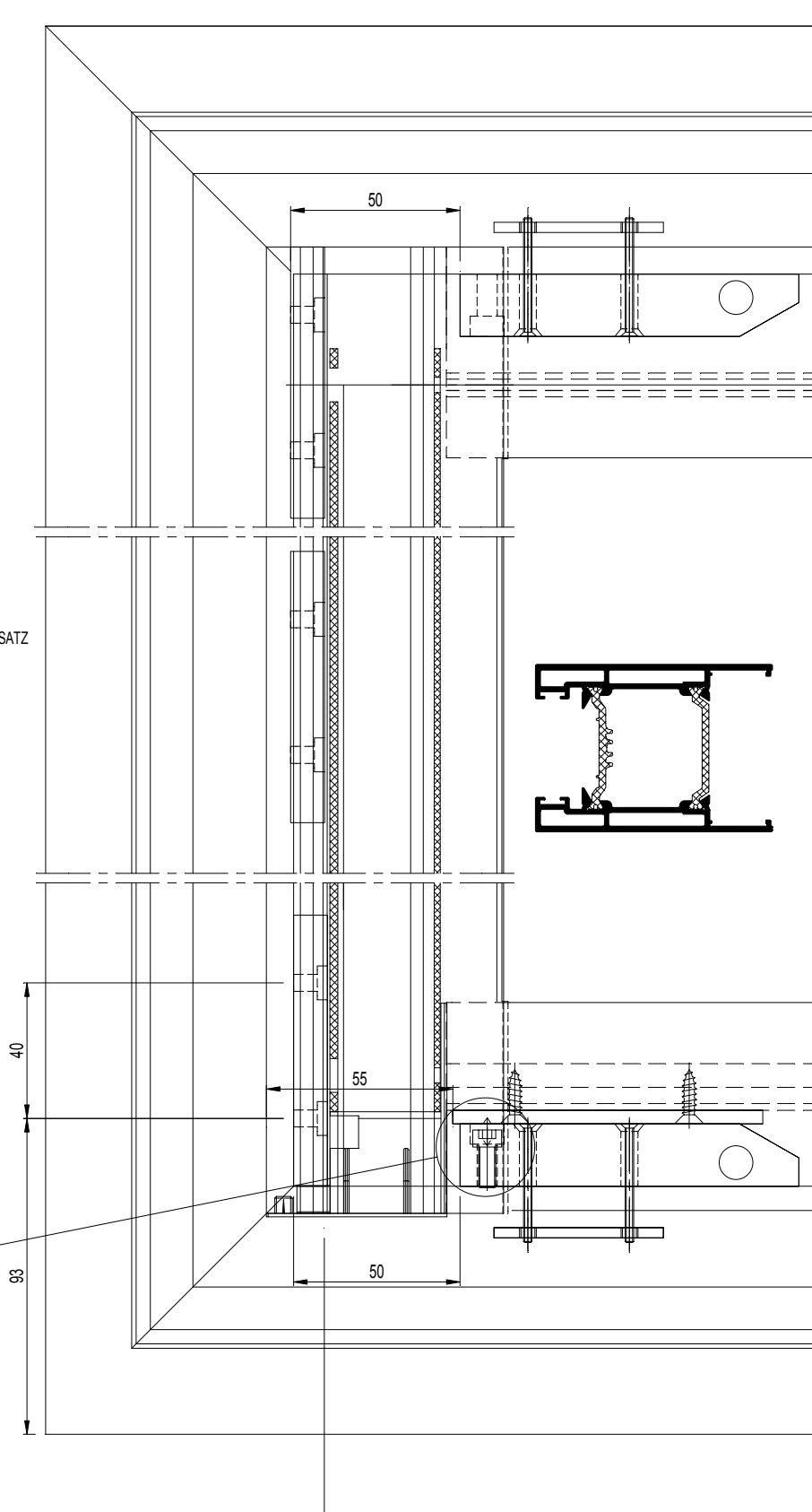
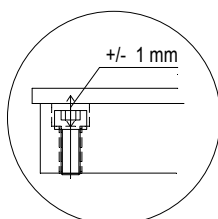
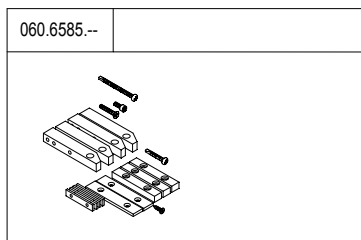
021.5698.--

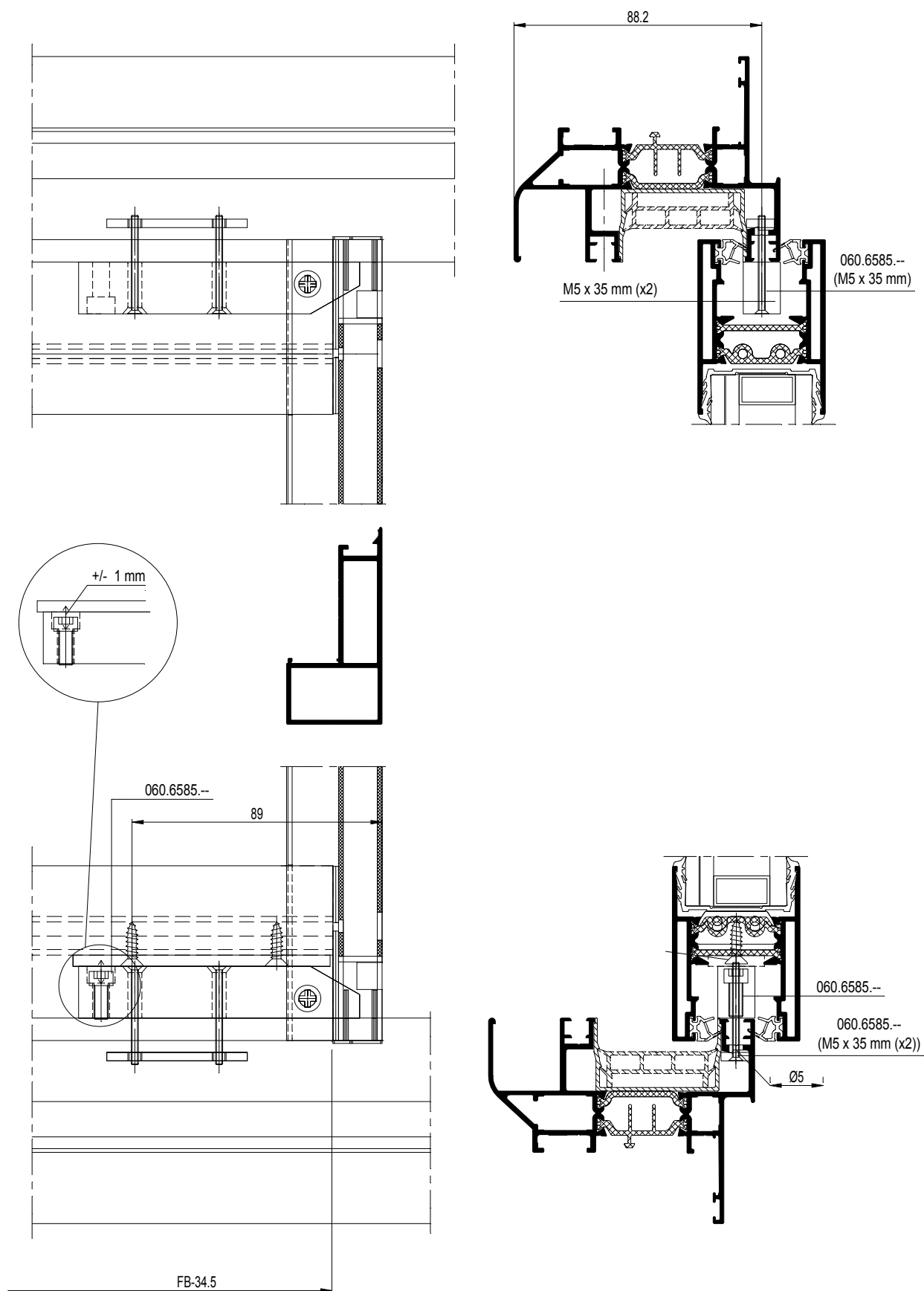


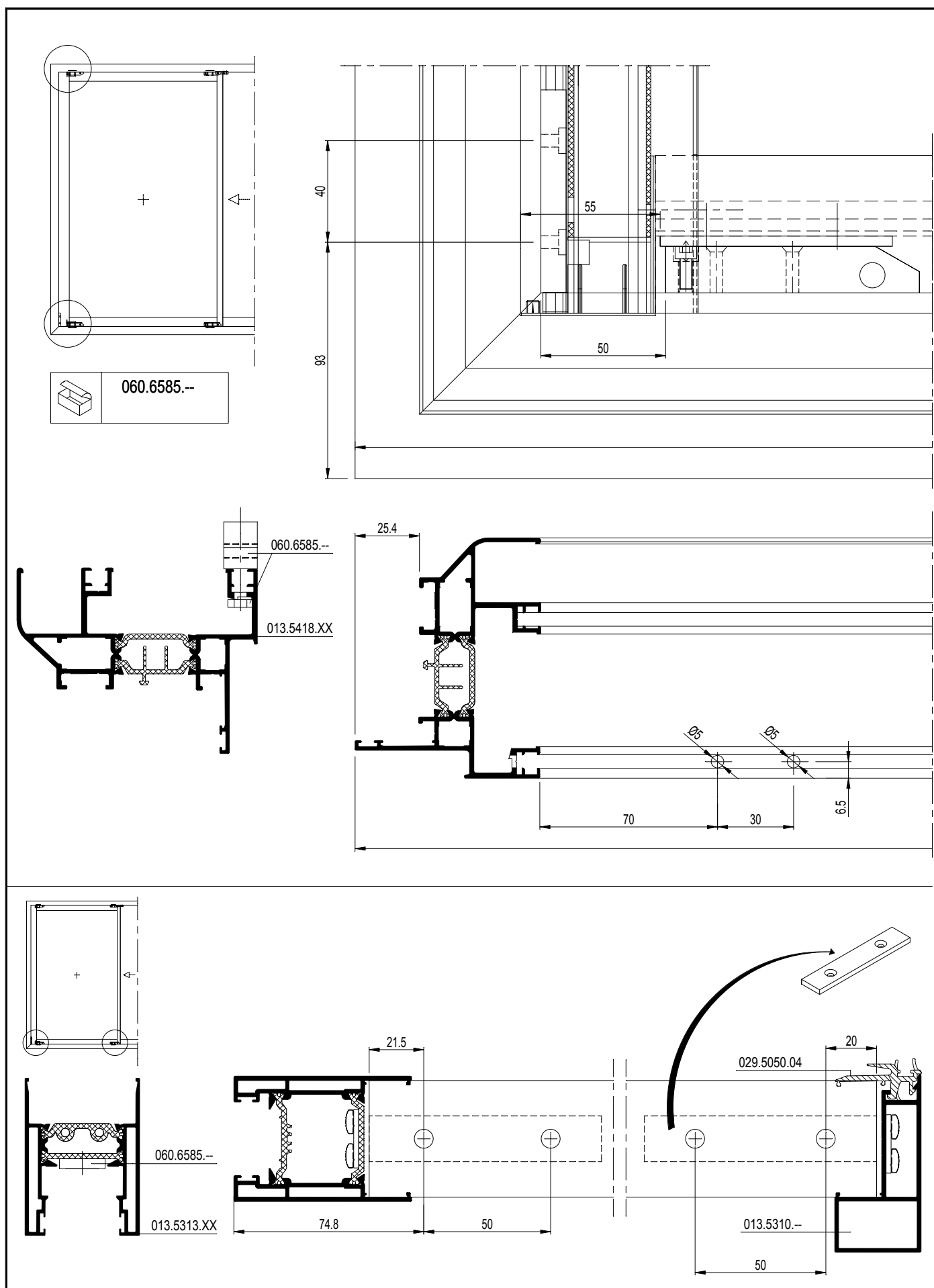


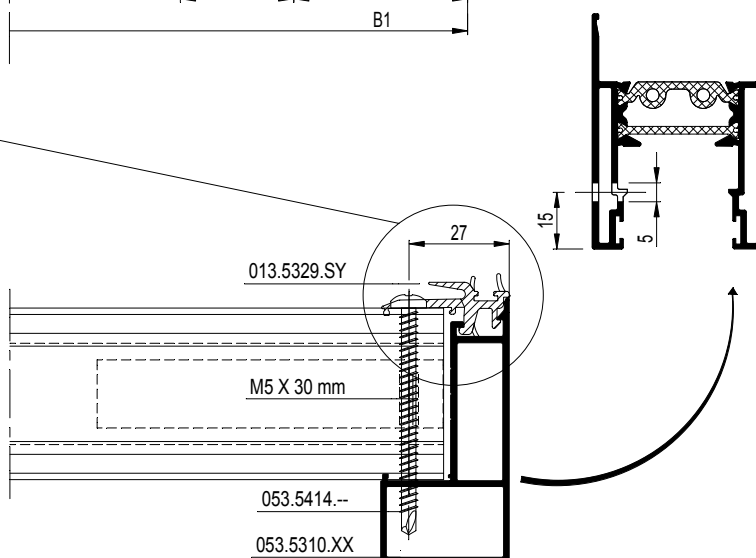
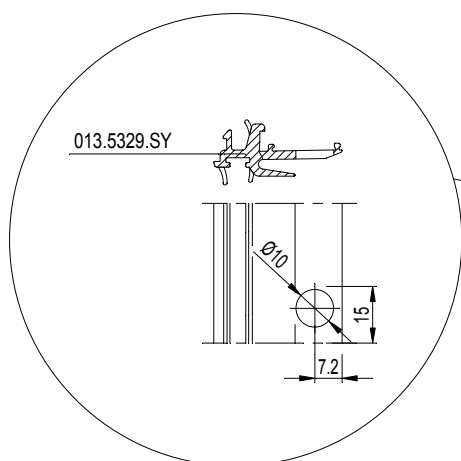
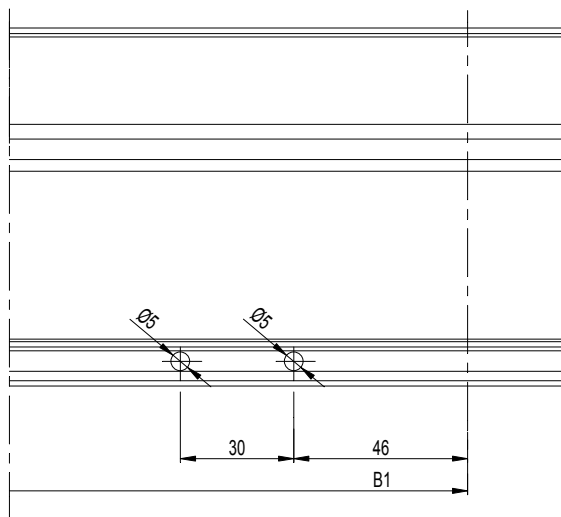
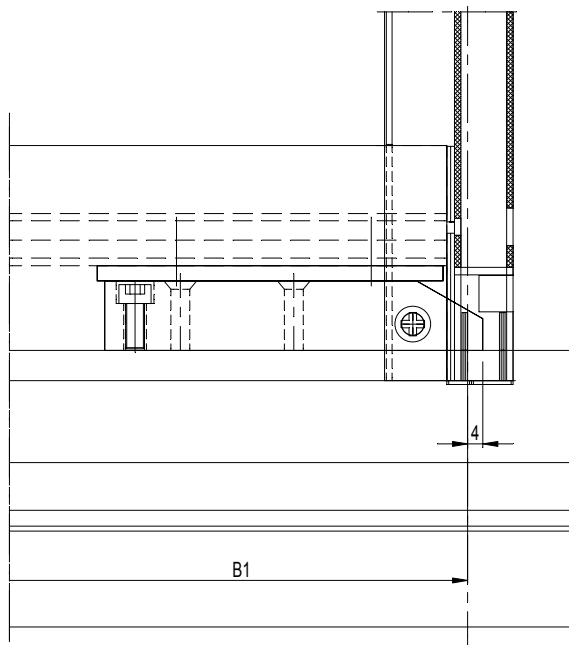
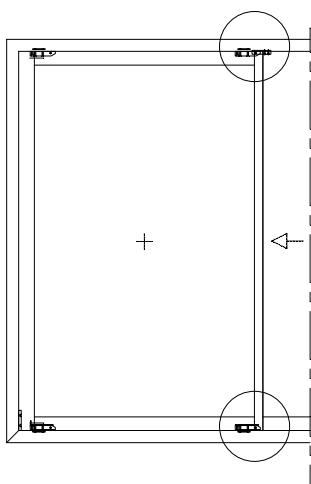
MONTAGESET / SET DE MONTAGE / ASSEMBLY SET / MONTAGESATZ

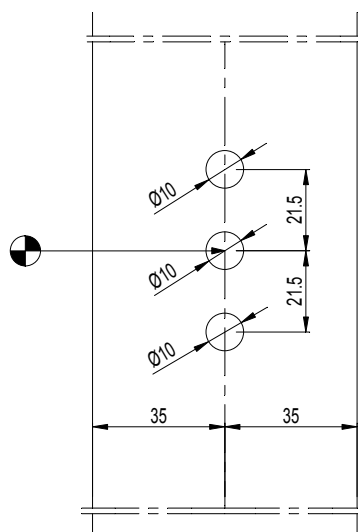
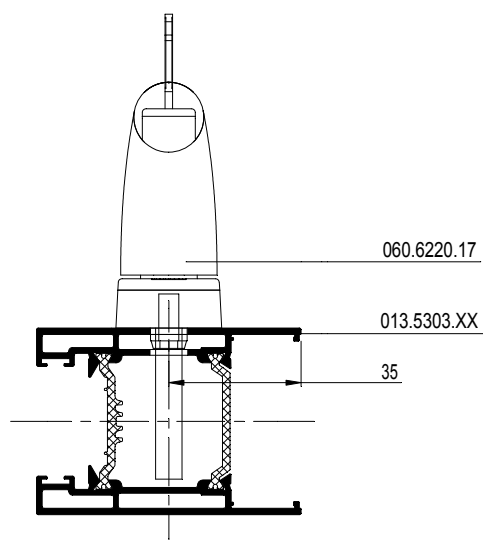
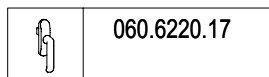
060.6585.--



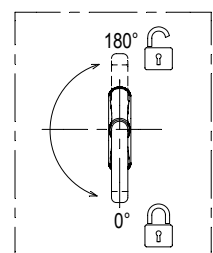
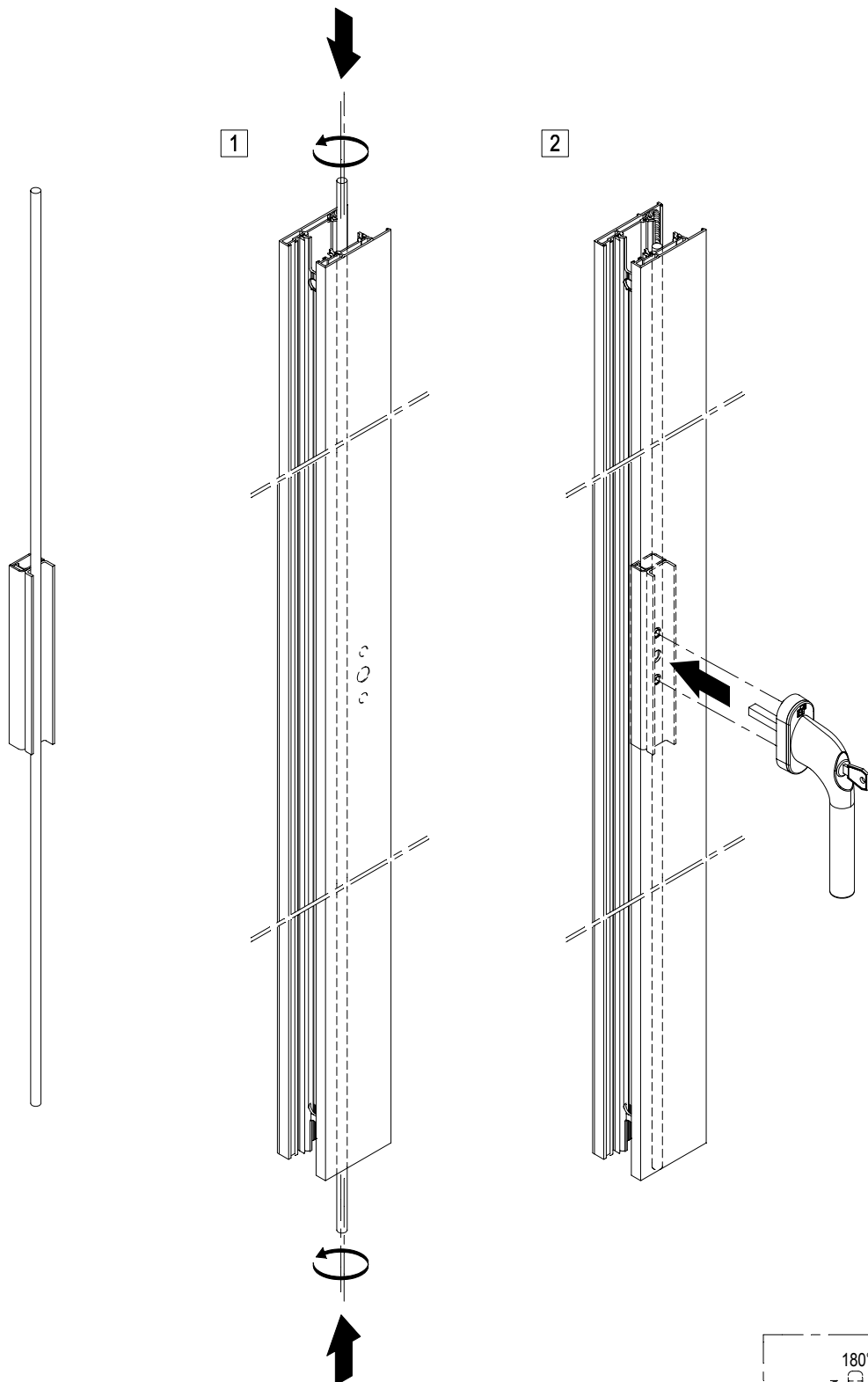


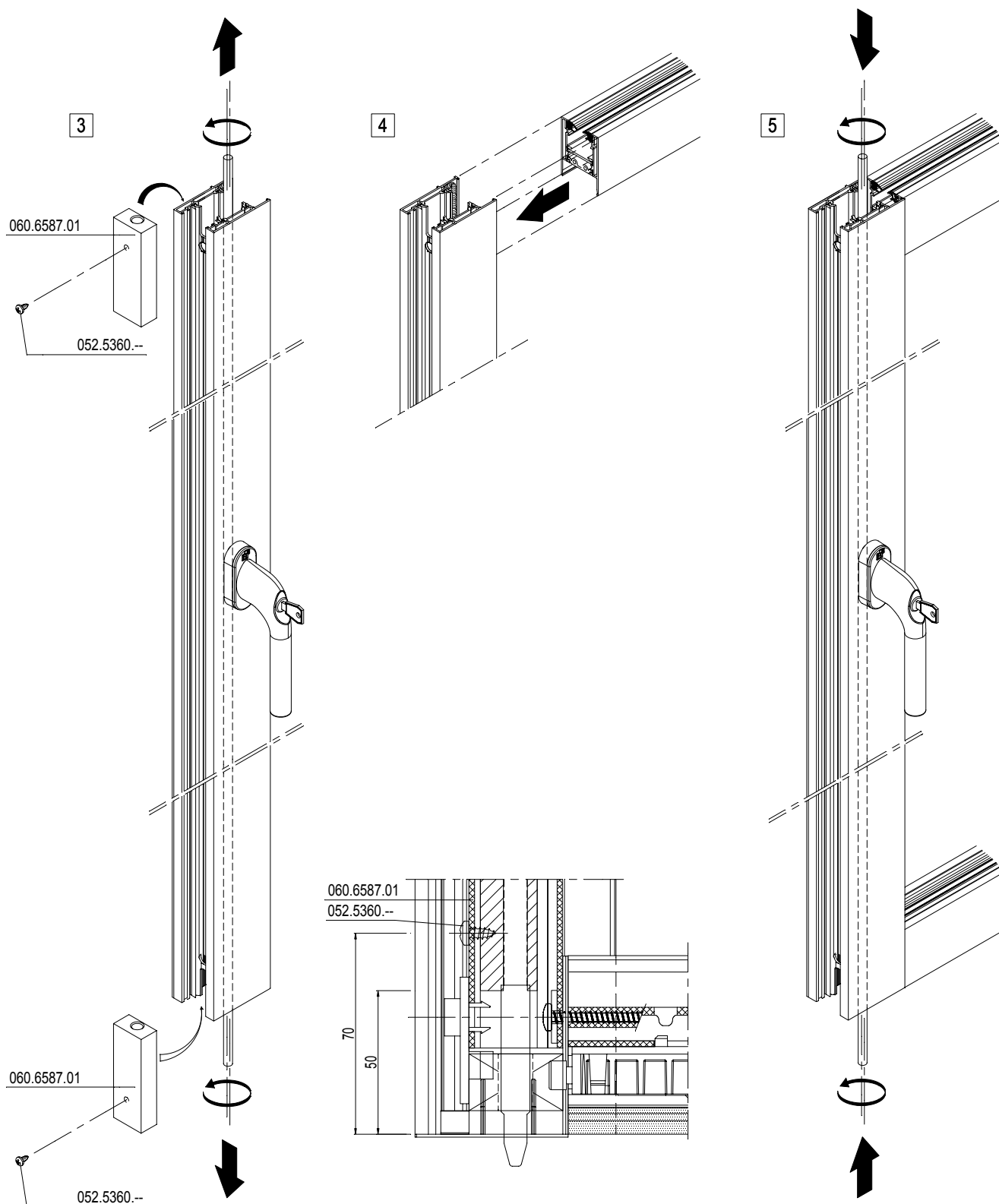






	060.6583.-- (060.6581.--)
	060.6220.17
	060.6587.--
	052.5360.--



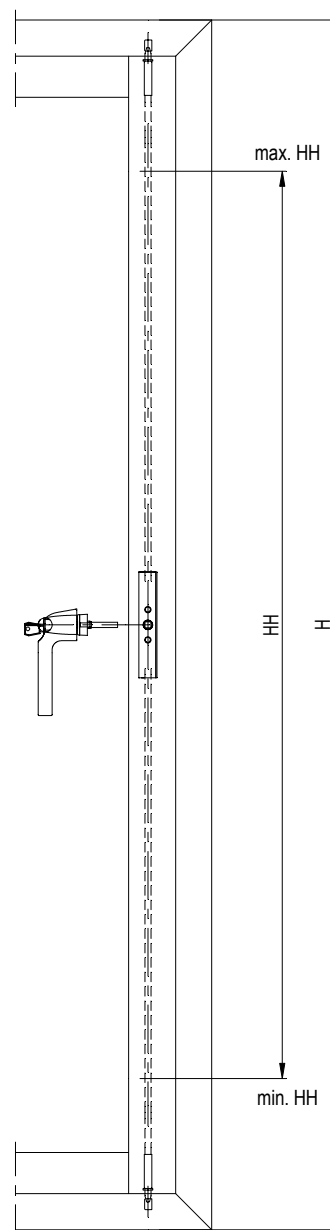


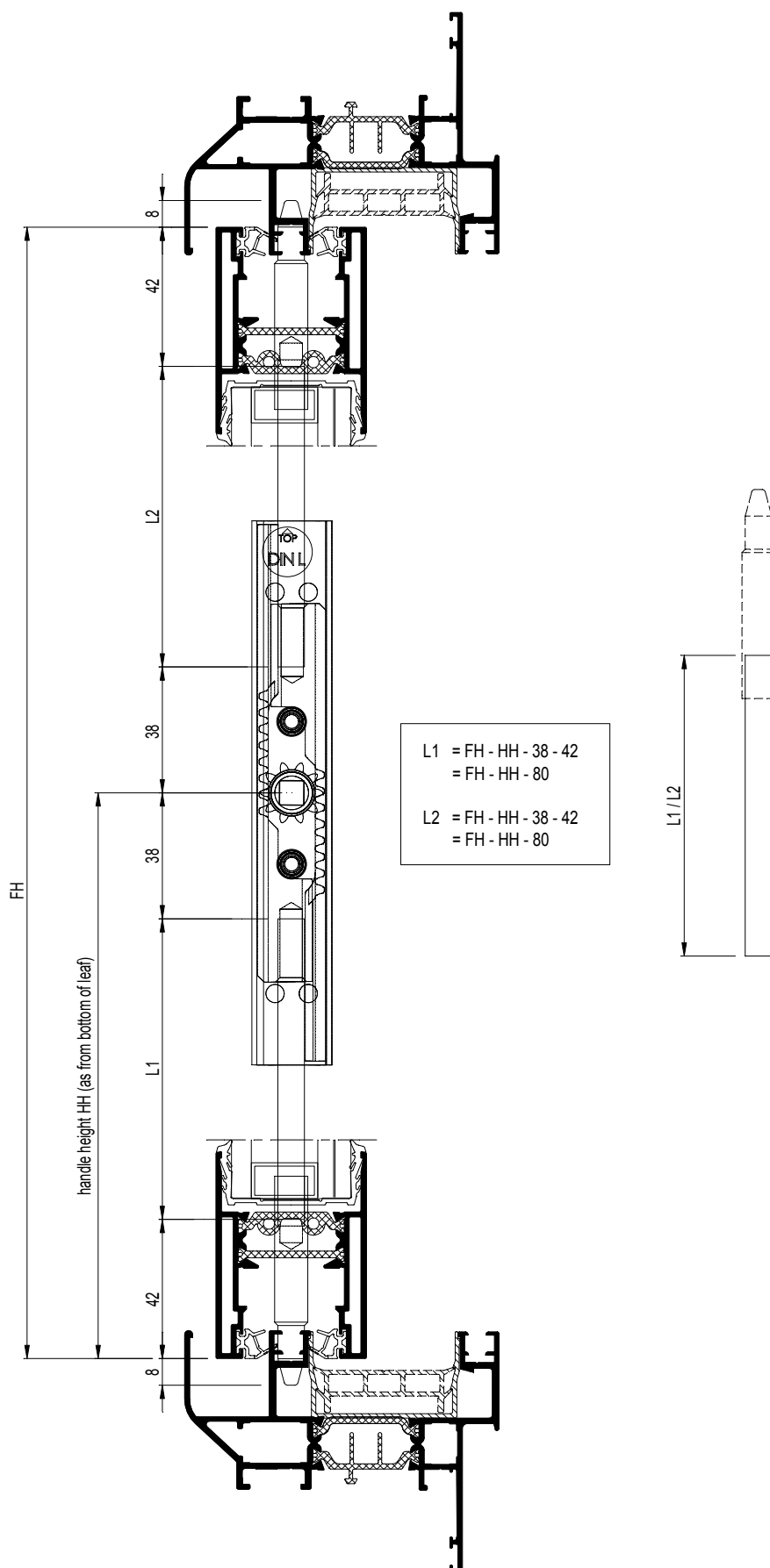
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

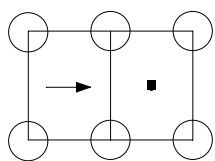
1 2 3 .



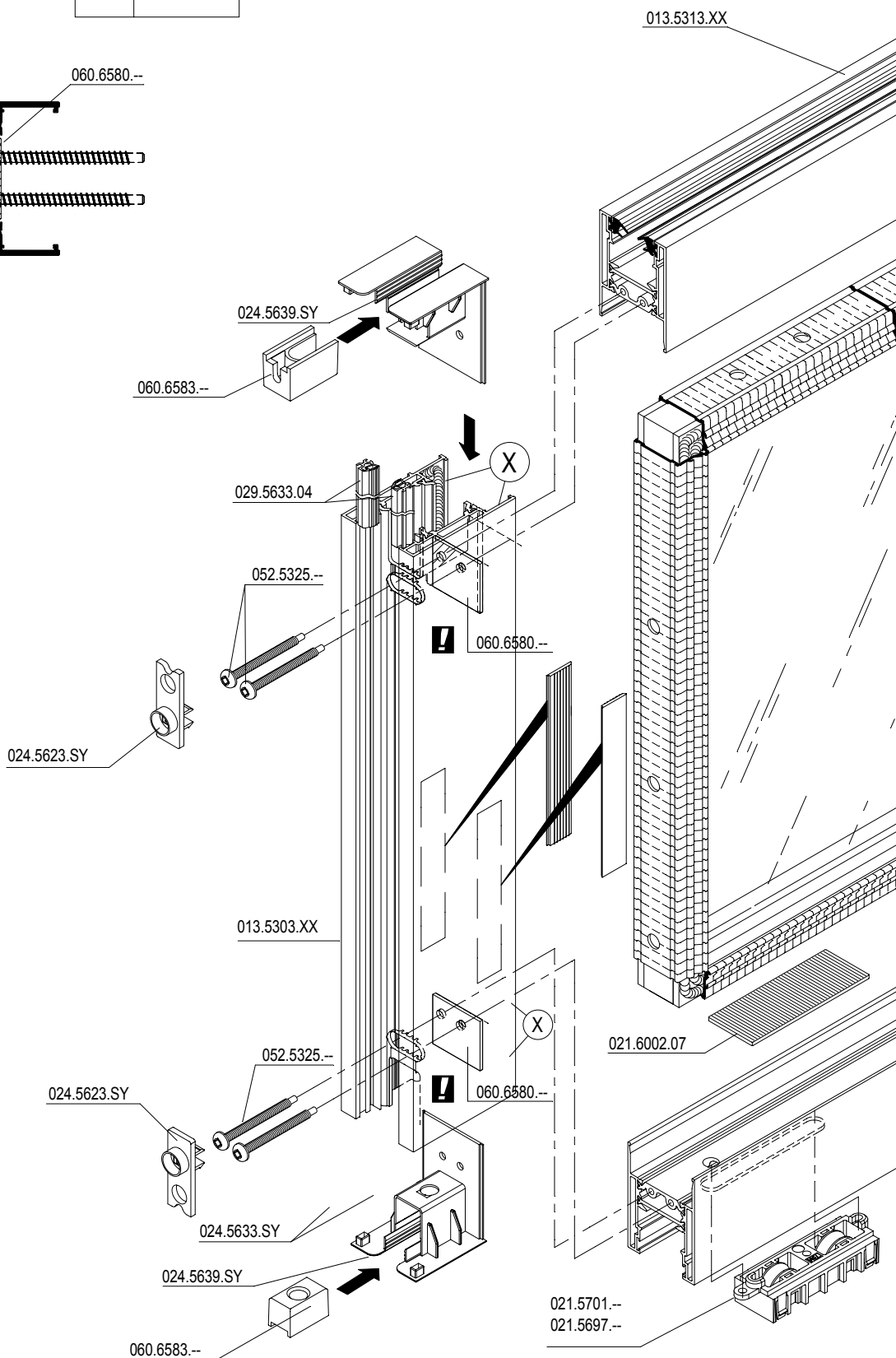
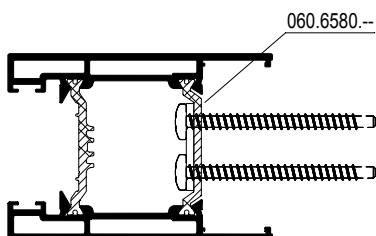
= Allowed handle hight

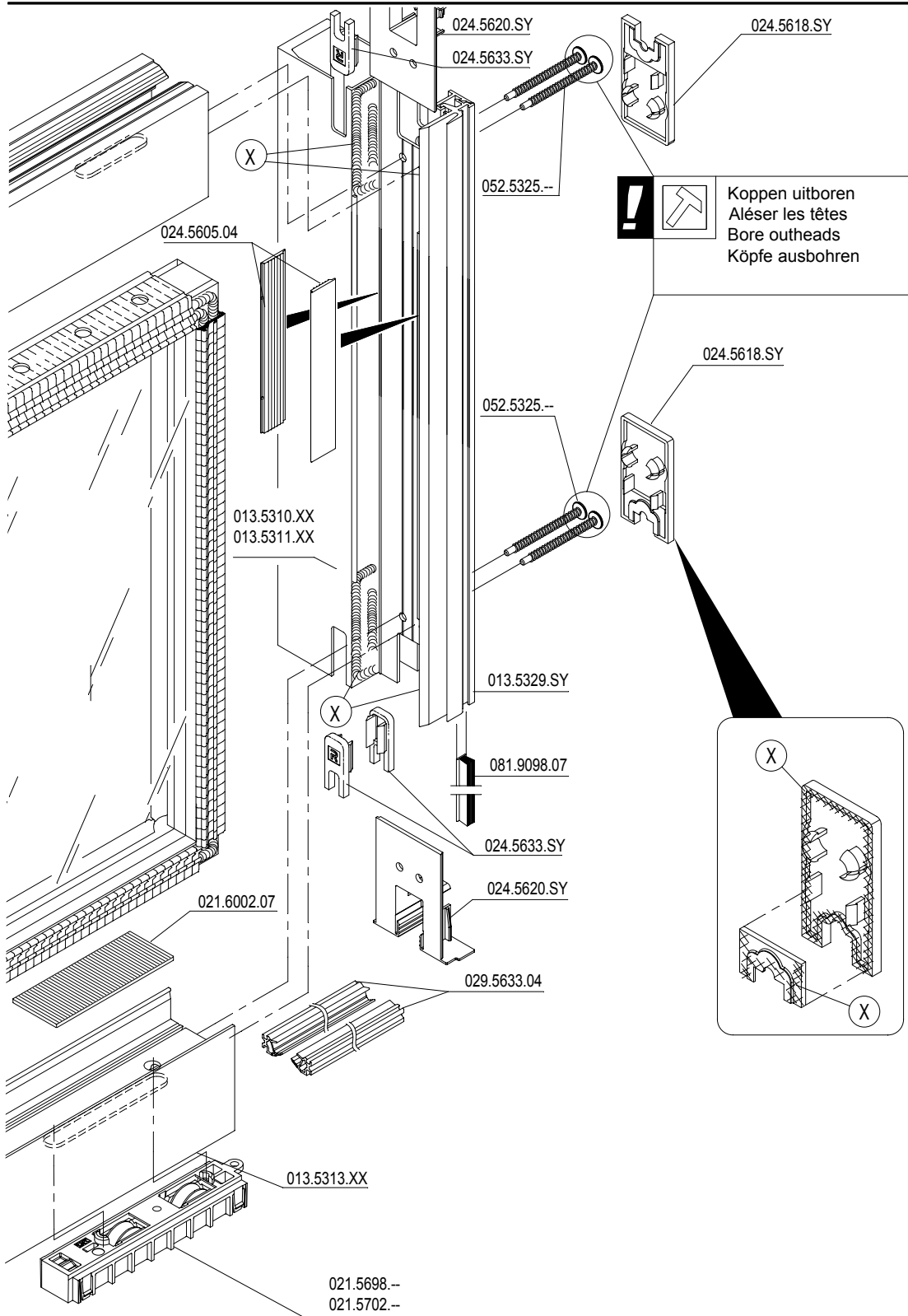


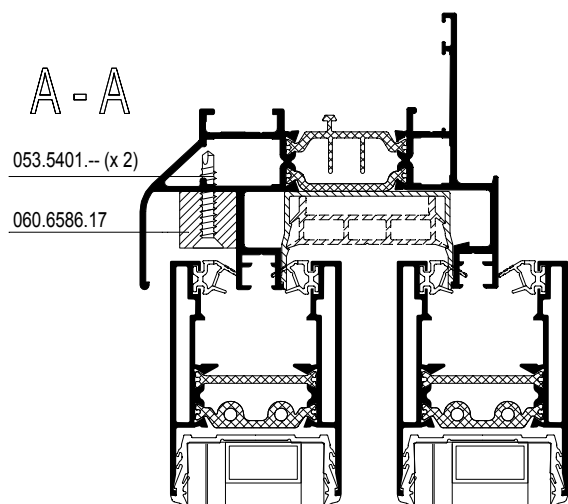
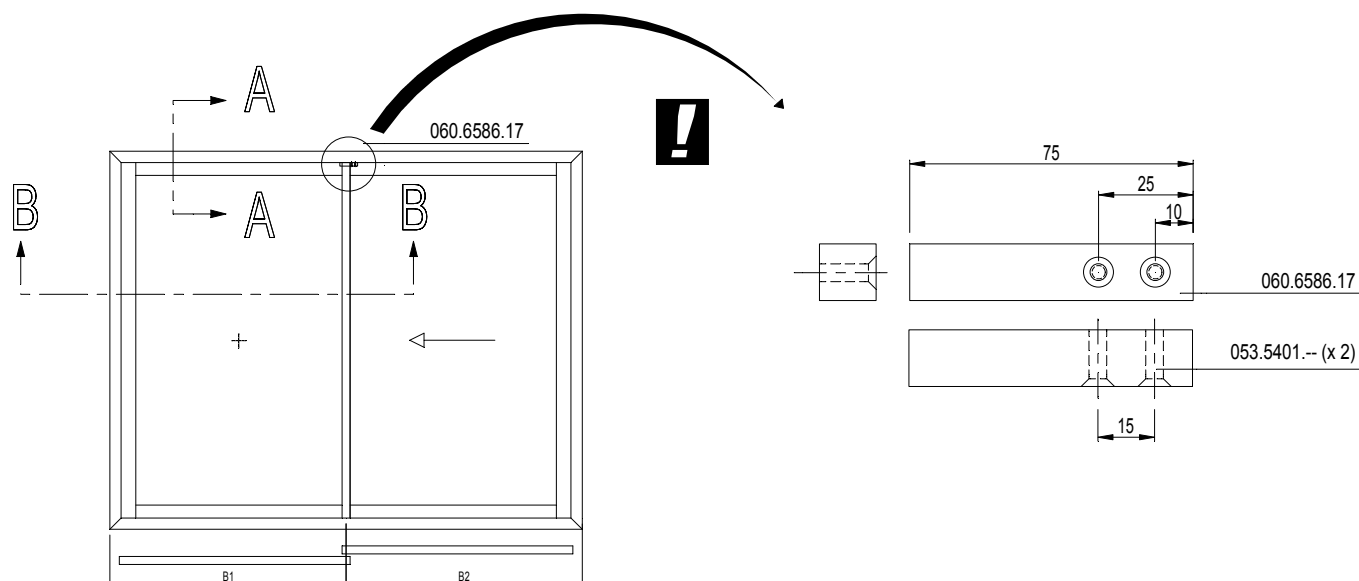




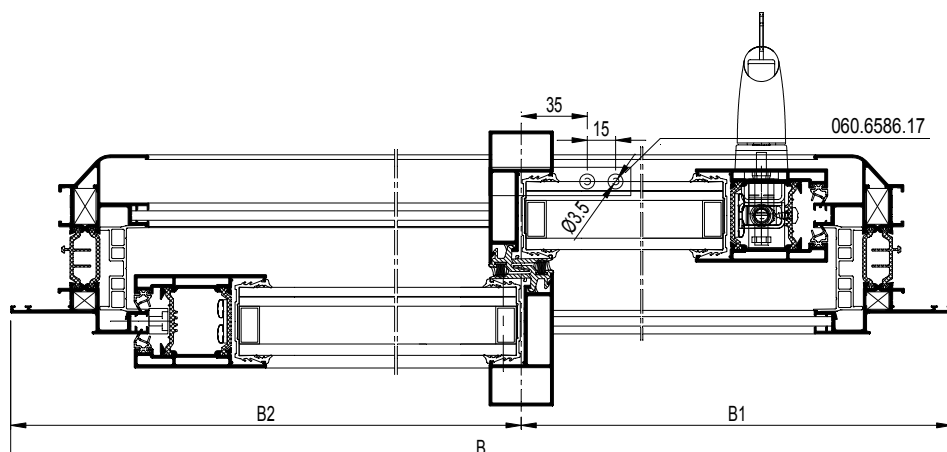
	060.6580.--
	060.6581.--
	060.6582.--
	060.6583.--
	060.6584.--







B - B



CP 68-AP

MONTAGE BEVESTIGINGSSET VLEUGEL
ASSEMBLY FIXATION SET VENT
MONTAGE SET DE FIXATION VANTAIL
MONTAGE BEFESTIGUNGSSATZ FLUEGEL



G

Toebehoren

Accessories

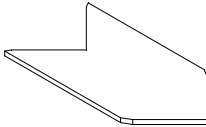
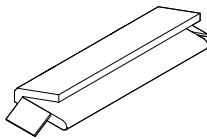
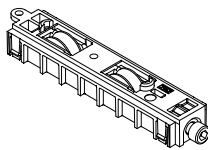
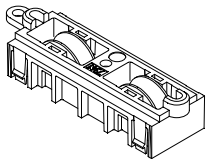
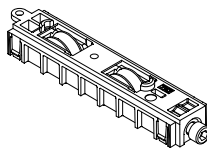
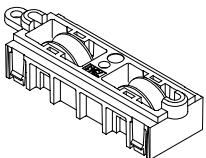
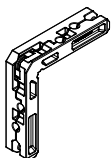
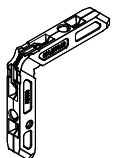
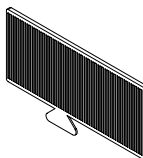
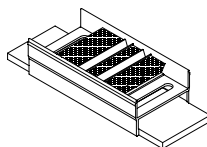
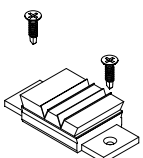
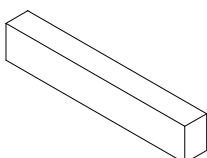
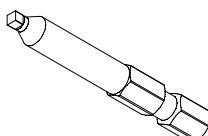
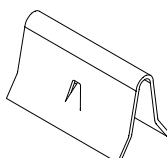
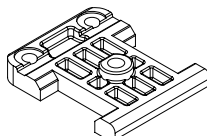
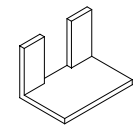
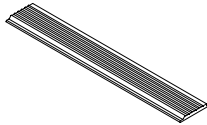
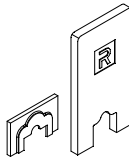
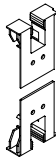
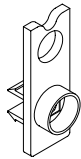
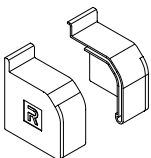
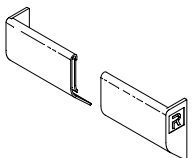
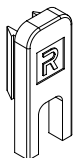
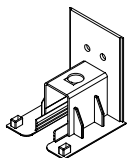
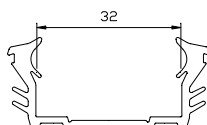
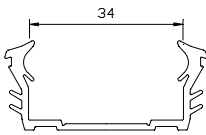
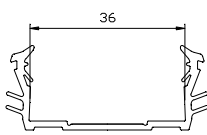
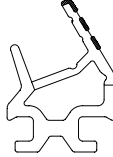
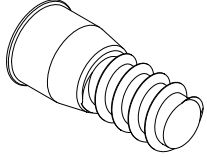
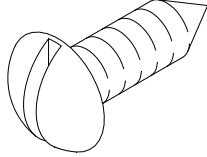
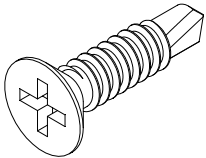
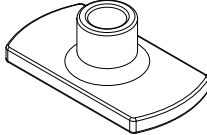
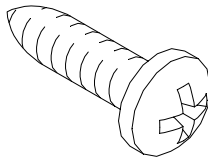
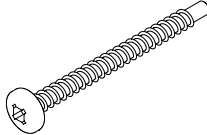
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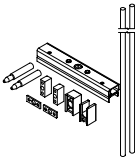
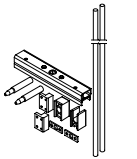
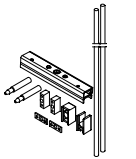
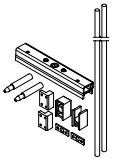
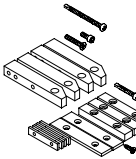
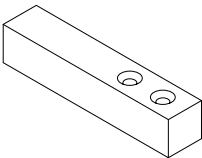
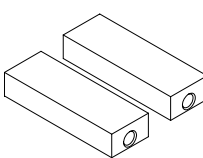
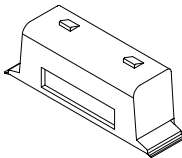
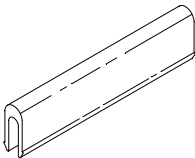
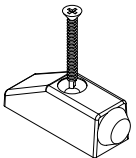
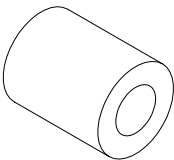
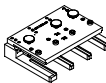
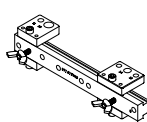
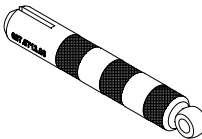
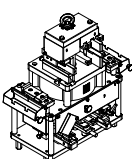
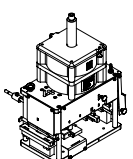
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021.5146.07	47G.G.012	D0097284			
021.5697.--	47G.G.004	D0097277			
021.5698.--	47G.G.004	D0097277			
021.5701.--	47G.G.004	D0097277			
021.5702.--	47G.G.004	D0097277			
021.5970.00	47G.G.003	D0097275			
021.5973.00	47G.G.003	D0097275			
021.6003.07	47G.G.013	D0097285			
022.5550.04	47G.G.011	D0097283			
022.5551.04	47G.G.011	D0097283			
022.5584.01	47G.G.013	D0097285			
024.5003.--	47G.G.012	D0097284			
024.5080.04	47G.G.013	D0097285			
024.5599.00	47G.G.012	D0097284			
024.5605.04	47G.G.013	D0097285			
024.5618.SY	47G.G.009	D0097281			
024.5620.SY	47G.G.008	D0097280			
024.5623.04	47G.G.010	D0097282			
024.5624.SY	47G.G.010	D0097282			
024.5625.SY	47G.G.009	D0097281			
024.5633.SY	47G.G.010	D0097282			
024.5639.SY	47G.G.008	D0097280			
029.5046.SY	47G.G.016	D0097287			
029.5048.SY	47G.G.016	D0097287			
029.5050.SY	47G.G.016	D0097287			
029.5633.04	47G.G.017	D0097289			
030.5047.--	47G.G.003	D0097275			
033.0102.--	47G.G.015	D0097286			
036.8252.--	47G.G.015	D0097286			
050.5386.--	47G.G.015	D0097286			
052.5310.--	47G.G.015	D0097286			
052.5325.--	47G.G.015	D0097286			
060.6580.00	47G.G.014	D0097517			
060.6581.--	47G.G.006	D0097516			
060.6582.--	47G.G.006	D0097516			
060.6583.--	47G.G.006	D0097516			
060.6584.--	47G.G.006	D0097516			
060.6585.--	47G.G.014	D0097517			
060.6586.17	47G.G.014	D0097517			
060.6587.01	47G.G.014	D0097517			
062.7115.04	47G.G.011	D0097283			
062.7142.04	47G.G.013	D0097285			
062.7143.XX	47G.G.007	D0097279			
062.7160.--	47G.G.005	D0097278			
081.9098.07	47G.G.017	D0097289			

Art. N°			Art. N°		
024.0702.--	47G.G.019	D0097314			
097.0081.00	47G.G.019	D0097314			
097.0100.00	47G.G.019	D0097314			
097.0713.00	47G.G.019	D0097314			
097.Y200.00	47G.G.018	D0097290			
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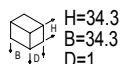
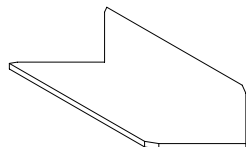
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024.5599.00 (47G.G.012)	024.5605.04 (47G.G.013)	024.5618.SY (47G.G.009)	024.5620.SY (47G.G.008)	024.5623.04 (47G.G.010)
				
024.5624.SY (47G.G.010)	024.5625.SY (47G.G.009)	024.5633.SY (47G.G.010)	024.5639.SY (47G.G.008)	029.5046.SY (47G.G.016)
				
029.5048.SY (47G.G.016)	029.5050.SY (47G.G.016)	029.5633.04 (47G.G.017)	030.5047.-- (47G.G.003)	033.0102.-- (47G.G.015)
				
036.8252.-- (47G.G.015)	050.5386.-- (47G.G.015)	052.5310.-- (47G.G.015)	052.5325.-- (47G.G.015)	060.6580.00 (47G.G.014)
				

060.6581.-- (47G.G.006)	060.6582.-- (47G.G.006)	060.6583.-- (47G.G.006)	060.6584.-- (47G.G.006)	060.6585.-- (47G.G.014)
				
060.6586.17 (47G.G.014)	060.6587.01 (47G.G.014)	062.7115.04 (47G.G.011)	062.7142.04 (47G.G.013)	062.7143.XX (47G.G.007)
				
062.7160.-- (47G.G.005)	081.9098.07 (47G.G.017)	097.0081.00 (47G.G.019)	097.0100.00 (47G.G.019)	097.0713.00 (47G.G.019)
				
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021.0245.00

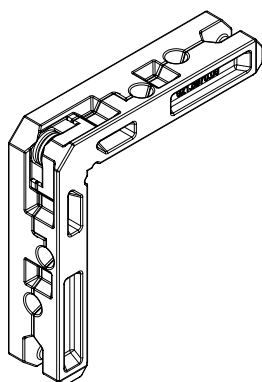
VULHOEK 21x1
EQUERRE DE REMPLISSAGE 21x1
CORNER SUPPORT 21x1
FUELLECKWINKEL 21x1



CS 59 CS 68 HIFI TEMPOLANCE Th (FR-CANCEL) ALLIANCE OUVEA CS 77 CP 50 CP 45Pa MOOREA CD 50 CS 45Pa CS 104-HI+ CP 50 (GR) CP 45Pa (GR) CP 68	XS 68 VISION 55Th BAPI CP 50-Ga CP 68-AP
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021.5970.00

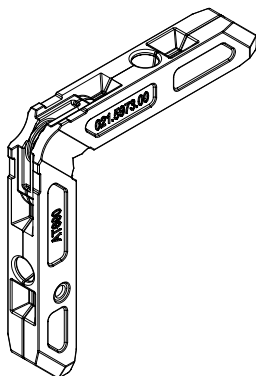
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EQUERRE 12x19.5
CORNER 12x19.5
ECKE 12x19.5



CP 68
CP 68-AP

021.5973.00

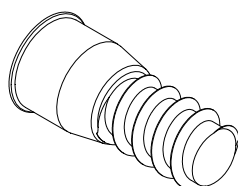
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CP 68
XS 68
CP 68-AP

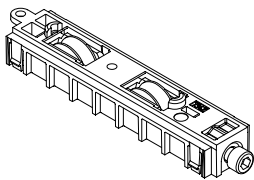
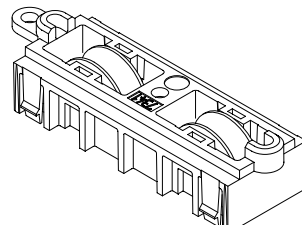
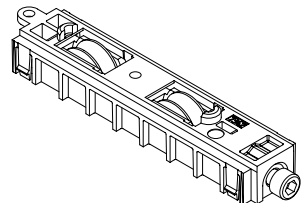
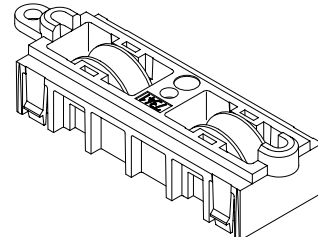
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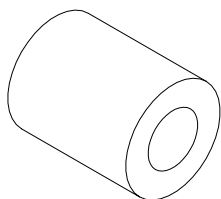
SCHROEF Ø6x14 INOX
VIS Ø6x14 INOX
SCREW Ø6x14 INOX
SCHRAUBE Ø6x14 INOX



CD 50
CP 68
CP 68-AP



	021.5697.-- DUBBEL WIEL REGELBAAR INOX ROULETTE DOUBLE REGLABLE INOX DOUBLE ROLLER ADJUSTABLE INOX DOPPELTES LAUFRAD VERSTELLBAR INOX	CP 68 CP 68-AP		
	021.5698.-- DUBBEL WIEL NIET REGELBAAR INOX 160 kg ROULETTE DOUBLE NON-REGLABLE INOX 160 kg DOUBLE ROLLER NOT ADJUSTABLE INOX 160 kg DOPPELTES LAUFRAD NICHT VERSTELLBAR INOX 160	CP 68 CP 68-AP		
	021.5701.-- DUBBEL WIEL REGELBAAR KUNSTSTOF ROULETTE DOUBLE REGLABLE MATIERE SYNTHETIQUE DOUBLE ROLLER ADJUSTABLE SYNTHETIC DOPPELTES LAUFRAD VERSTELLBAR KUNSTSTOFF	CP 68 CP 68-AP		
	021.5702.-- DUBBEL WIEL NIET REGELBAAR KUNSTSTOF 160 kg ROULETTE DOUBLE NON-REGLABLE SYNTHETIQUE 160 DOUBLE ROLLER NOT ADJUSTABLE SYNTHETIC 160 kg DOPPELTES LAUFRAD NICHT VERSTELLBAR KUNSTSTOF	CP 68 CP 68-AP		



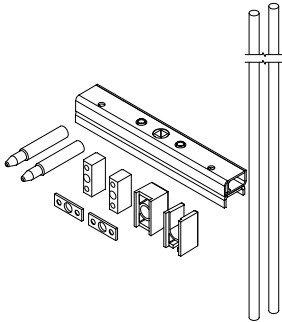
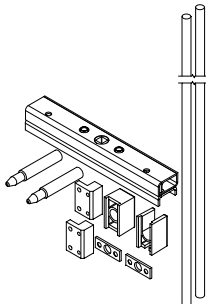
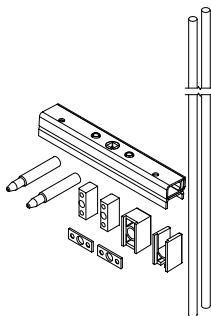
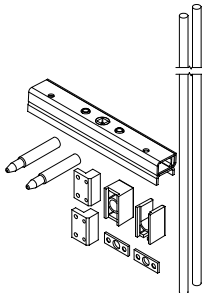
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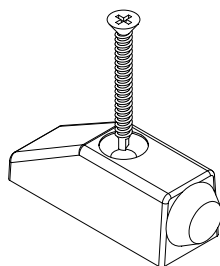
AFSTANDBUS
PIECE DE DISTANCE
DISTANCE BUSH
DISTANZBUCHSE

CP 50
CP 45Pa
CP 50-Ga

CP 50-Mb
CP 68
CP 68-AP



	060.6581.-- SLUITING DIN L INSIDE VERROUILLAGE DIN L INSIDE CLOSURE DIN L INSIDE VERSCHLUSS DIN L INSIDE	CP 68-AP		
	060.6582.-- SLUITING DIN L OUTSIDE VERROUILLAGE DIN L OUTSIDE CLOSURE DIN L OUTSIDE VERSCHLUSS DIN L OUTSIDE	CP 68-AP		
	060.6583.-- SLUITING DIN R INSIDE VERROUILLAGE DIN R INSIDE CLOSURE DIN R INSIDE VERSCHLUSS DIN R INSIDE	CP 68-AP		
	060.6584.-- SLUITING DIN R OUTSIDE VERROUILLAGE DIN R OUTSIDE CLOSURE DIN R OUTSIDE VERSCHLUSS DIN R OUTSIDE	CP 68-AP		



062.7143.XX

BUFFER
BUTEE
BUFFER
STOPPER

CP 50-Ga
CP 50

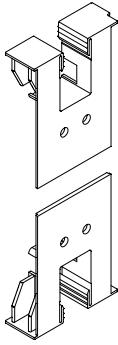
CP 50-Mb
CP 50 (GR)
CP 68
CP 68-AP



024.5620.SY

EINDSTUKKEN
PIECES FINALES
END PIECES
ENDKAPPEN

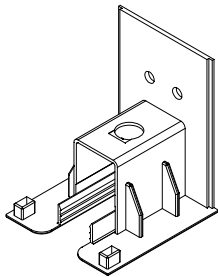
CP 68
CP 68-AP



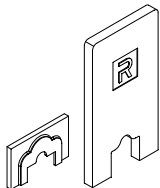
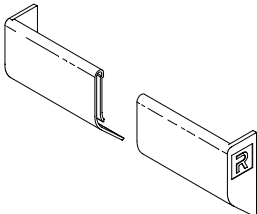
024.5639.SY

EINDSTUKKEN
PIECES FINALES
END PIECES
ENDKAPPEN

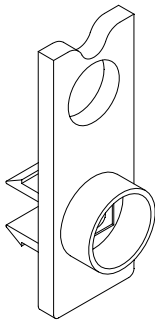
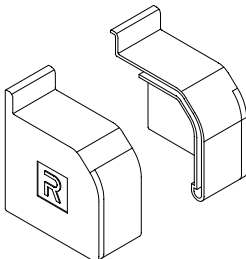
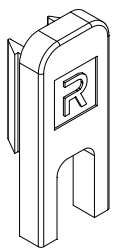
CP 68-AP

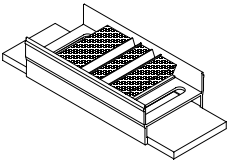
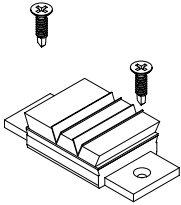
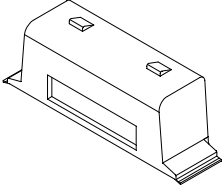




	024.5618.SY KLIPSPROFIEL VLEUGEL CACHE CLIPABLE COVERING PROFILE ABDECKPROFIL	CP 68 CP 68-AP		
	024.5625.SY AFDICHTINGSSTUK PIECE D'ETANCHEITE SEALING PIECE DICHTUNGSSTUECK	CP 68 CP 68-AP		



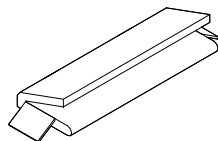
	024.5623.04 STOP BOUCHE-TROU PLUG VERSCHLUSSKAPPE	CP 68 CP 68-AP		
	024.5624.SY AFDEKKAP CAPUCHON FACE CAP ABDECKKAPPE	CP 68 CP 68-AP		
	024.5633.SY EINDSTUK PIECE FINALE END PIECE ENDSTUECK	CP 68 CP 68-AP		

	022.5550.04 BORSTEL BROSSE BRUSH BUERSTE	CP 68 CP 68-AP		
	022.5551.04 BORSTEL BROSSE BRUSH BUERSTE	CP 68 CP 68-AP		
	062.7115.04 AFDEKKAP WATERAFVOERSLEUVEN CAPUCHON DRAINAGE D'EAU WEEP HOLE COVER ABDECKKAPPE ENTWAESSERUNG	CP 50 CP 50-Mb CP 50 (GR) CP 68 CP 68-AP		



021.5146.07

100 CLIPS VR.BEVEST.AFWERK.PR.
SACHET 100 CLIPS HABILLAGE EXT
100 CLIPS FIXATION FACE CAPS
100 KLIPPE BEFEST.ABDECKPROF.



H=4.96
B=24.5
D=6.8

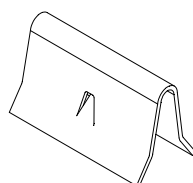
GP 51

ES 45Pa
CP 68-AP

HIFI
TEMPO Th
CR 120
CP 50
CP 45Pa
CS 45Pa
CD 45Pa
CP 50 (GR)
CP 45Pa (GR)
CP 68
XS 68

024.5003.--

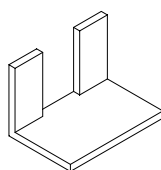
100 AFSTANDSSTUK
100 PIECE D'ECARTEMENT
100 DISTANCE PIECE
100 DISTANZSTUECK



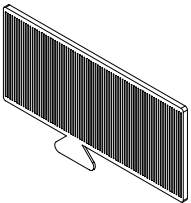
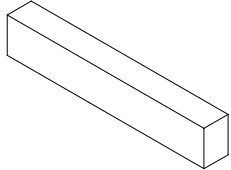
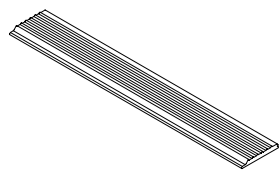
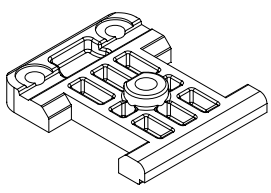
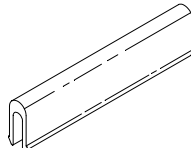
HIFI
TEMPO Th
VISION 55Th
CP 50
CP 45Pa
CP 50 (GR)
CP 68
XS 68
CP 68-AP

024.5599.00

AFDICHTINGSTEUN
SUPPORT D'ETANCHEITE
SEALING SUPPORT
DICHTUNGSUNTERSTÜTZUNG



CP 68
CP 68-AP

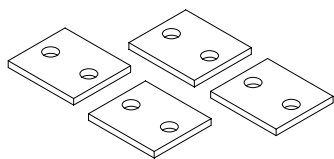
	021.6003.07 WIG 36 MM CALE 36 MM WEDGE 36 MM KEIL 36 MM	CP 68 CP 68-AP		
	022.5584.01 STOP BOUCHE-TROU PLUG VERSCHLUSSKAPPE	CP 68 CP 68-AP		
	024.5080.04 WIG CALE WEDGE KEIL	CP 68 CP 68-AP		
	024.5605.04 EINDSTUK PIECE FINALE END PIECE ENDSTUECK	CP 68 CP 68-AP		
	062.7142.04 --- OBTURATEUR DE RAIL HAUT TOP RAIL CLOSER ---	CP 50 CP 50-Mb CP 50 (GR) CP 68 CP 68-AP		



060.6580.00

VERSTERKINGSTUK
PIECE DE RENFORCEMENT
REINFORCEMENT PIECE
VERSTAERKUNGSTUECK

CP 68-AP

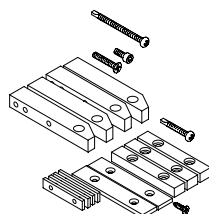


H=2mm
B=23mm
D=20mm

060.6585.--

MONTAGESET
SET DE MONTAGE
ASSEMBLY SET
MONTAGESATZ

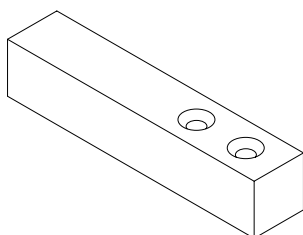
CP 68-AP



060.6586.17

VULBLOK
PIECE DE REMPLISSAGE
FILLING PIECE
FUELLBLOCK CS

CP 68-AP

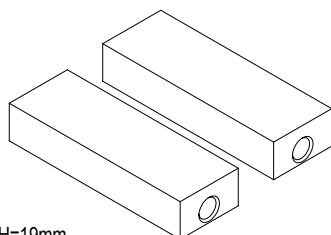


H=15mm
B=75mm
D=15mm

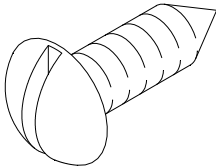
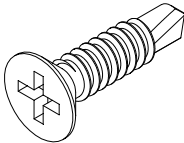
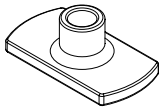
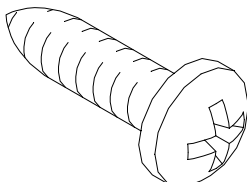
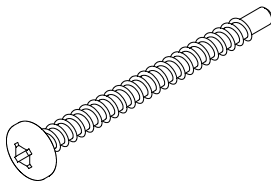
060.6587.01

VULBLOK
PIECE DE REMPLISSAGE
FILLING PIECE
FUELLBLOCK CS

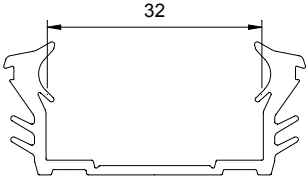
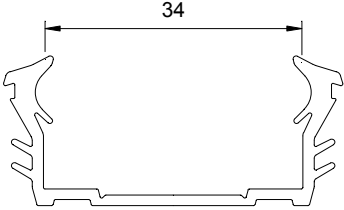
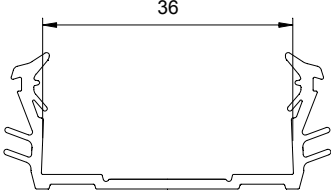
CP 68-AP



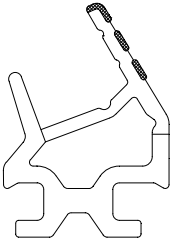
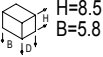
H=19mm
B=100mm
D=34mm

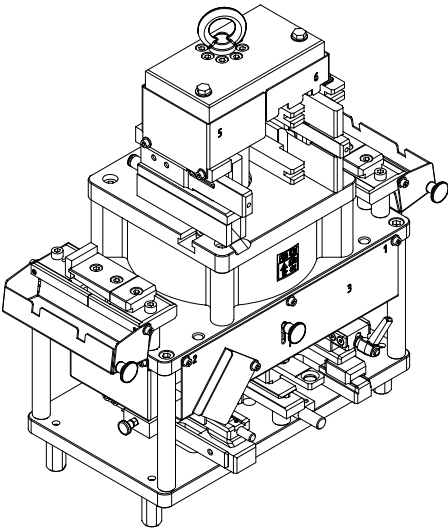
	033.0102.-- 100 BEVESTIGINGSSCHROEF INOX 2.9x9.5MM 100 VIS DE FIXATION INOX 2.9x9.5MM 100 FIXING SCREW INOX 2.9x9.5MM 100 BEFESTIGUNGSSCHRAUBE INOX 2.9x9.5MM	HIFI CP 50 CP 45Pa CS 45Pa CP 50 (GR) CP 45Pa (GR) CP 68 CP 68-AP		
	036.8252.-- 100 SCHROEF ZELFBOREND 3.9x16 100 VIS AUTOPERCEUSE 3.9x16 100 SCREW SELF-DRILLING 3.9x16 100 BLECHSCHRAUBE 3.9x16	CW 50-FV XS 68 CP 68-AP		
 H=6mm B=17mm D=9mm	050.5386.-- VIERKANTKOPMOER ECROU TETE CARREE SQUARE NUT VIERKANTKOPFMUTTER	CP 68-AP		
	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	MOSQUITO VISION 50 CP 130-LS CP 155 CP 155-LS CW 50 TR 200 BOREALE CR 120 CW 86 CP 45Pa ES 50	ES 50-AP PR 100 VENTALIS ES 75 CS 45Pa CP 68 CI 45 CP 68-AP	
	052.5325.-- SCHROEF 4.2x50 VIS 4.2x50 SCREW 4.2x50 SCHRAUBE 4.2x50	CP 50 CP 50-Mb CP 50-Ga CP 50 (GR) CP 68 CP 68-AP		



	029.5046.SY GLASDICHTING 32 MM JOINT DE VITRAGE 32 MM GLAZING GASKET 32 MM VERGLASUNGSDICHTUNG 32 MM	CP 68 CP 68-AP		
	029.5048.SY BEGLAZINGSDICHTING 34 MM JOINT DE VITRAGE 34 MM GLAZING GASKET 34 MM VERGLASUNGSDICHTUNG 34 MM	CP 68 CP 68-AP		
	029.5050.SY GLASDICHTING 36 MM JOINT DE VITRAGE 36 MM GLAZING GASKET 36 MM VERGLASUNGSDICHTUNG 36 MM	CP 68 CP 68-AP		



	029.5633.04 DICHTING JOINT GASKET DICHTUNG	CP 68 CP 68-AP		
 	081.9098.07 BORSTELDICHTING 7.5x5.8MM JOINT-BROSSE 7.5x5.8MM WOOLPILE 7.5x5.8MM BUERSTENDICHTUNG 7.5x5.8MM	CP 45Pa (GR) CP 50 CP 50-Mb CP 45Pa CP 50-Ga CP 50 (GR) CP 68 CP 68-AP		



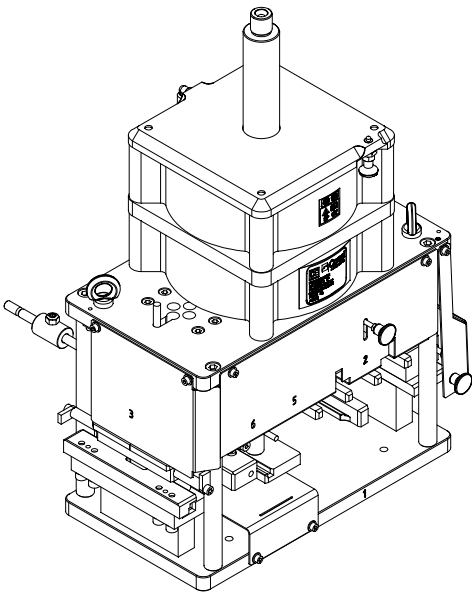
097.Y200.00

GEREEDSCHAP
OUTIL
TOOL
WERKZEUG

NARZEDZIE



CP 68
CP 68-AP



097.Y300.00

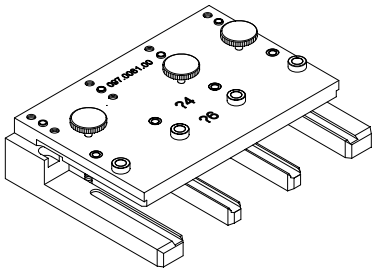
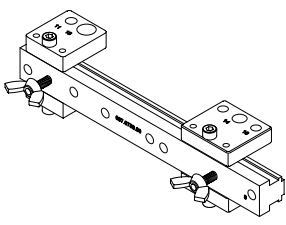
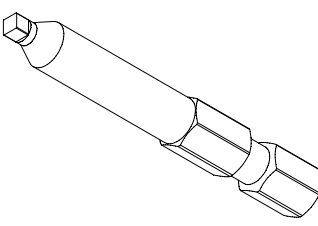
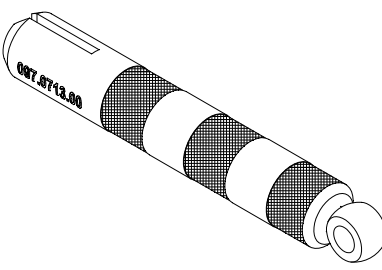
GEREEDSCHAP
OUTIL
TOOL
WERKZEUG

NARZEDZIE



CP 68
CP 68-AP



	097.0081.00 BOORMAL GABARIT DE PERCEGE BORING JIG BOHRLEHRE SZABLON	CD 50 CP 68 CP 68-AP	
	097.0100.00 BOORMAL GABARIT DE PERCEGE BORING JIG BOHRLEHRE SZABLON	CP 68 CP 68-AP	
	024.0702.-- BIT SR2 EMBOUT SR2 ADAPTATOR SR2 BIT SR2 ADAPTER SR2	CP 68 XS 68 CP 68-AP	
	097.0713.00 GEREEDSCHAP 024.5045.00 OUTIL 024.5045.00 TOOL 024.5045.00 WERKZEUG 024.5045.00 NARZEDZIE 024.5045.00	CP 68 XS 68 CP 68-AP	

CP 68-AP

GEREEDSCHAPPEN
TOOLS
OUTILLAGES
WERKZEUGE



