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CW 86

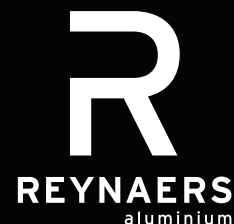


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69.001-008

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Algemene informatie systeme

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GEVULCANISEERDE KADERS UIT 080.9386.04
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OVERZICHT
PROFIELOVERZICHT
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HALVE STIJL OF REGELPROFIEL
AFWERKINGSPROFIEL
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SAMENSTELLING VASTE GLASKADER
SAMENSTELLING VLEUGEL UITZETZAKRAAM
SAMENSTELLING DRAAIRAAM 700 - 1200
SAMENSTELLING DRAAIRAAM 1201 - 1500
SAMENSTELLING DRAAIRAAM 700 - 1200
SAMENSTELLING DRAAIRAAM 1201 - 1500
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SAMENSTELLING VASTE GLASKADER
SAMENSTELLING VLEUGEL UITZETZAKRAAM
SAMENSTELLING DRAAIRAAM 700 - 1200
SAMENSTELLING DRAAIRAAM 1201 - 1500
SAMENSTELLING BRANDWEERRAAM 700 - 1500
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SAMENSTELLING VLEUGEL UITZETZAKRAAM
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T-VERBINDING 007.0101.XX MET 007.1198.XX
T-VERBINDING 007.0102.XX MET 007.1198.XX
T-VERBINDING 007.0120.XX MET 007.1198.XX
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VLEUGELPROFIEL 007.0120.XX - 007.0121.XX
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MONTAGE HAAK EN HAAKSYSTEEM
MONTAGE SCHROEFVLEUGEL
MIN/MAX MATEN GEWICHTEN UITZETZAKRAAM
UITZETZAKRAAM
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OVERZICHT SCHARNIEREN DRAAIRAMEN GLASLAT
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DRAAIRAAM >1200MM
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BRANDWEERRAAM
ONTKOPPELBARE VENTILATIE SCHAAR
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SCHARNIER 065.7707.XX
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SCHARNIER 065.7751.XX
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ONDERSCHARNIER
MIDDENSCHARNIER
BOVENSCHARNIER
ONDERSCHARNIER
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MIDDENSTIJL
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ONTWATERING DRAAGPROFIELEN KADERSYSTEEM
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ONTWATERING VAST KADERSYSTEEM 195MM
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UITHAAKBEVEILIGING EN GLASLATBEVEILIGING
GLASLATBEVEILIGING
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GLASSTEUNEN/MECHANISCHE BEVEILIGING
MECHANISCHE BEVEILIGING
BODEMAANSLUITING
ONDERDORPEL
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WINDANKER VOOR 012.5356/5357/5366/5375.XX
GEWICHTSANKER 056.6350.00
WINDANKER 056.6351.00
UITZETTINGSDetail STIJL
KOPPELING TUSSEN KADERS ONDERLING 056.6360.00

Toebehoren

OVERZICHT
PERSHOEKEN
HOEKVERBINDING
HOEKEN
T-VERBINDERS
HAAK
SLUITSTUK
STEUNSTUK KUNSTSTOF
OPLOOPBLOK
SCHAREN UITZETZAKRAAM
ONDERVULLING
SCHARNIEREN
RAAMBEGRENZER
BRANDWEERRAAM
RAAMPOMPEN
UITHAAKBEVEILIGING
GLASSTEUNEN
GLASSTEUN
TEGENPLAAT
ANKERS
PLATEN
KOPPELSTUK
MIDDENDICHTINGEN
BEGLAZINGSDICHTINGEN
BEGLAZING
BEGLAZINGSDICHTINGEN
DICHTINGEN
ONTWATERINGSVORMSTUK
DICHTINGEN
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BEVESTIGINGSMIDDELEN
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69.001-008

Généralités

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69.A.001-008

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CADRES VULCANISE AVEC JOINT 080.9386.04
CADRES VULCANISE AVEC JOINT 080.9376.04
CADRES VULCANISE AVEC JOINT 080.9389.04

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APERCU DES PROFILES
APERCU
APERCU DES PROFILES
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COMPOSITION CADRE VITRE FIXE
COMPOSITION VANTAIL FENETRE OUVRANT A L'ITALIENN
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COMPOSITION CHASSIS DE CONFORT 1201 - 1500
COMPOSITION CHASSIS DE CONFORT 700 - 1200
COMPOSITION CHASSIS DE CONFORT 1201 - 1500
COMPOSITION CHASSIS POMPIER 700 - 1500
COMPOSITION CADRE VITRE FIXE
COMPOSITION VANTAIL FENETRE OUVRANT A L'ITALIENN
COMPOSITION CHASSIS DE CONFORT 700 - 1200
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COMPOSITION CHASSIS POMPIER 700 - 1500
COMPOSITION CADRE VITRE FIXE
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JONCTION-T 068.6553.17
JONCTION-T 068.6554.17
JONCTION-T 068.6548.17 + 068.6553.17
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CHASSIS FIXE ET EQUERRE AVEC GOUPILLE
RACCORDEMENT-T 007.0100.XX AVEC 007.0110.XX
RACCORDEMENT-T 007.0100.XX AVEC 007.0114.XX
RACCORDEMENT-T 007.0100.XX AVEC 007.0113.XX
RACCORDEMENT-T 007.0102.XX AVEC 007.0112.XX
RACCORDEMENT-T 007.0101.XX AVEC 007.0115.XX
RACCORDEMENT-T 007.0101.XX AVEC 007.1198.XX
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MONTAGE VERROUILLEUR ET EMPENNEUR
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APERCU PAUMELLES FENETRES OUVR. A L'ANGLAISE VEP
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FENETRE OUVRANT A L'ANGLAISE >1200MM
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LIMITEUR D' OUVERTURE DEBRAYABLE
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CHARNIERE SUPERIEURE
CHARNIERE INFERIEURE
CHARNIERE CENTRALE
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DRAINAGE SYSTEME CADRES FIXE150MM
DRAINAGE SYSTEME CADRES FIXE195MM
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ANTI-DEGONDAGE ET SECURITE PARCLOSE
SECURITE PARCLOSE
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PROTECTION MECANIQUE
RACCORDEMENT AU SOL
SEUIL
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ATTACHE VENT POUR 012.5356/5357/5366/5375.XX
ATTACHE POIDS 056.6350.00
ATTACHE VENT 056.6351.00
JOINT DE DILATATION DANS MENEAU
ECLISSE ENTRE CADRES 056.6360.00

Accessoires

APERCU
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SICHERHEIT GLASLEISTE
HORIZONTALE SCHLIESSPUNKT FUER 012.5350/5352.XX
HORIZONTALE SCHLIESSPUNKT FUER 007.0120.XX
HORIZONTALE SCHLIESSPUNKT FUER 028.2051.XX
HORIZONTALE SCHLIESSPUNKT FUER 007.0160.XX
VULKANISIERTE VERGLASUNGSDICHTUNG
VERGLASUNGSTABELLE 012.5350.XX
VERGLASUNGSTABELLE 028.2050.XX - 007.0100.XX - 007.
VERGLASUNGSTABELLE STRUKTURELLE VERGLASUNG
KLOTZBRUECKEN/MECHANISCHE SICHERUNG
MECHANISCHE SICHERUNG
BODENANSCHLUSS
BASISPROFIL
FESTLAGER FUER 012.5356/5357/5366/5375.XX
LOSLAGER FUER 012.5356/5357/5366/5375.XX
FESTLAGER 056.6350.00
LOSLAGER 056.6351.00
AUSDEHNUNGSDetail PFOSTEN
ELEMENTKOPPLUNG 056.6360.00

Zubehör

UEBERSICHT
PRESSECKWINKEL
ECKVERBINDER
ECKWINKEL
T-VERBINDER
HAKEN
SCHLIESSSTUECK
STUETZKLOTZ KUNSTSTOFF
AUFLAUFSTUECK
AUSSTELLSCHEREN SENK-KLAPPFENSTER
FUELLSTUECK
BAENDER
BEGRENZUNGSSCHERE
FEUERWEHR FENSTER
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GEGENPLATTE
ANKER
BLECHE
KUPPLUNGSSSTUECK
MITTELDICHTUNGEN
VERGLASUNGSDICHTUNGEN
VERGLASUNG
VERGLASUNGSDICHTUNGEN
DICHTUNGEN
STUECK ENTWASSERUNG
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BEFESTIGUNGSMITTEL
KLAMMER

69.G.054-056
69.G.057-058

					
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69.F.190	03/07/2019	D0075450	69.G.035	04/2009	D0045408
69.F.192	03/07/2019	D0075460	69.G.036	04/2009	D0074766
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69.G.028	04/2009	D0075419			

A

Algemene informatie

Généralités

General Information

Allgemeine Information

	Profiel Profilé Profile Profil	Perfil Profil Profil		Verstek Onglet Mitre Gehrung	Inglete Polaczenie katowe Taglio
	Anodisatie- of lakoppervlakte Surface anodisée ou laquée Anodizing or coating surface Eloxierte oder lackierte Oberfläche	Superficie anodizada o lacada Powierzchnia anodowana lub malowana Superficie anodizzata o verniciata		Aantal Nombre Number Anzahl	Número Ilość Numero
	Polijsoppervlakte Surface à polir Polishing surface Polieroberfläche	Superficie pulida Powierzchnia polerowana Superficie lucidata		Zie pagina Voir page See page Siehe Seite	Ver página Patrz stronę 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 Fourniture 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 -
	Verlijmen Coller Glue Verkleben	Collado Klej Colla		Verstevigingsprofiel Profil de renforcement Reinforcement profile Verstaerkungsprofil	Perfil refuerzo Profil wzmacniający
	Vulcaniseerlijm Colle vulcanisante Vulcanizing glue Vulkanisierkleber	Vulcanizante Klej wulkanizacyjny Colla vulcanizzante			
	Referentiemaat Dimension de référence Reference dimension Referenzmass	Dimension de referencia Punkt odniesienia wymiarowania Dimensioni di riferimento			
	Merkteken Marquage Mark Merkzeichen	Indicación Znak Contrassegno			
	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 buitenschaaal (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-rob
Antywłamaniowe
-



Pershoekverbinding
Equerre à sertir
Crimp corner cleat
Presseckverbinder

Escuadra de ensamblar
Naroznik zaciskany
Squadrette a cianfinare



Basisveiligheid
Sécurité de base
Basic safety
Basissicherheit

Seguridad básica
Antywłamaniowosc podstawowa
-



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
zatraskiwanych
Squadrette ad avvitare
(* solo per accessori a scatto



ENV

Testen uitgevoerd volgens
norm DIN V ENV 1627
Essais effectués par conformément
la norme DIN V ENV 1627
Tests carried out according to
standard DIN V ENV 1627
Einbruchhemmende Prüfungen
gemäß Norm DIN V ENV 1627

Ensayos realizados según
norma DIN V ENV 1627
Badania wykonane według
normy DIN V ENV 1627
-



T-verbinding met schroef
Jonction-T avec vis
T-bracket with screw
T-Verbinder mit Schraube

Tope de union con tornillo
Lacznik teowy skrecany
Giunti con viti



NEN

Testen uitgevoerd volgens
norm NEN 5096 + ENV 1627
Essais effectués par conformément
la norme NEN 5096 + ENV 1627
Tests carried out according to
standard NEN 5096 + ENV 1627
Einbruchhemmende Prüfungen
gemäß Norm NEN5096 + ENV1627

Ensayos realizados según
norma NEN 5096 + ENV 1627
Badania wykonane norm
NEN 5096 + ENV 1627
-



T-verbinding met schroef voor
buitendraaiend raam
Jonction-T avec vis pour
fenêtre ouvrant vers l'ext.
T-bracket with screw
outside opening window
T-Verbinder mit Schraube
aussen öffnendes Fenster

Tope Unión con tornillo apertura exterior
Lacznik teowy skrecany do okien
otwieranych na zewnatrz
-



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
-



Vulhoek
Equerre de remplissage
Corner support
Fülleckwinkel

Escuadra de relleno
Wspornik narozny
Supporto d'angolo



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 TNO (Die Niederlande)
gemäß Norm NEN 6069/1997

Ensayos realizados fuera por
TNO(Holanda) según norma
NEN 6069/1977
Badania wykonane przez TNO
(Holandia) według norm
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



Steunhoeken verstelbaar
Cales de feuillure réglables
Rebate supports adjustable
Verstellbare Eckwinkel Glasanschlag

Escuadra de alineamiento regulable
Katowy naroznik nastawny
Squadretta di allineamento regolabile



Brandwerend
Anti-feu
Fire-proof
Feuerhemmend

Resistente al fuego
Ognioodporne
-



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

Escuadra con clavia
Lacznik narozny sworzniowy
-



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

Accesorios resistente al fuego
Akcesoria ognioodporne
-



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
-



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
aussen öffnendes Fenster

Tope unión con clavia apertura exterior
Lacznik teowy sworzniowy do okien
otwieranych na zewnatrz
-



Gelaagd glas
Verre feuilleté
Laminated glass
Verbundglas

Vidrio Laminado
Szyba laminowana
-



Glas
Verre
Glass
Glas

Vidrio
Szyba
-



Handleiding
Manuel
Manual
Gebrauchsanweisung

Manual
Instrukcja
-



Kruisverbindingen
Jonctions transversales
Cross connections
Kreuzverbindungen

Uniones transversales
Polaczenie krzyzowe
-



CS 59

Alleen voor CS 59
Seulement pour CS 59
Only for CS 59
Nur für CS 59

Solo para CS 59
Tylko do CS 59
-



Kruisverbinding met schroef
Jonction transversale avec vis
Cross connection with screw
Kreuzverbindung mit Schraube

Union transversal con tornillo
Polaczenie krzyzowe skrecane
-



CS 68

Alleen voor CS 68
Seulement pour CS 68
Only for CS 68
Nur für CS 68

Solo para CS 68
Tylko do CS 68
-



Bevestiging drager
Fixation chevon
Fixation rafter
Befestigung Dachsparren

Fijacion mainel
Mocowanie krokwi
-



CS 77

Alleen voor CS 77
Seulement pour CS 77
Only for CS 77
Nur für CS 77

Solo para CS 77
Tylko do CS 77
-

	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 Elektryrgiel 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 fermo		Deurgrendels en kantschuiven Verrous de condamnation portes Flush and door bolts Kantenriegel und Türtreibriegel	Pasadores puerta Rygłe biernych skrzydeł drzwiowych Catenacciolo chiusura centrale
	Eénpuntsluiting met rol Fermeture à 1 point à rouleau 1-Point lock with roller Einfachverriegelung mit Rolle	Cerradura de 1 punto con rodillo Zamek 1-punktowy z baryłka 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	Sin tensión eléctrica en caso de que la puerta esté cerrada Brak elektrycznego napiecia w przypadku zamkniętych drzwi
	Haakslot Serrure à crochet Hook lock Hakenschluss	Cerradura gancho Zamek hakowy		Keine elektrische Spannung bei geschlossener Tür	-
	Tweepuntsluiting Fermeture à 2 points 2-Point lock 2-Fachverriegelung	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 baryłka Serratura a 3 punti di chiusura con rullino		Sluitingen dubbele deur Serrures pour porte double Locks for double door Türtreibriegel	Cerradura puerta doble Blokada drzwi dwuskrzydłowych Serratura porta a 2 ante
	Vierpuntsluiting Fermeture à 4 points 4-Point lock 4-Fachverriegelung	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
	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 baryłka Serratura a 5 punti di chiusura con rullino		Raamscharnieren Paumelles pour fenêtres Window hinges Fensterbänder	Bisagras ventana Zawias okienne Cerniere
	Zespuntsluiting Fermeture à 6 points 6-Point lock 6-Fachverriegelung	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 distanzialli spazzolino
	Cilinders Cylindres Cylinders Zylinder	Bombines Cylindry Cilindri		Geen afstandsbusen nodig Pas de pièces de distance No distance bushes needed Keine Distanzbuchsen	No necesario piezas distanciadoras Brak konieczności stosowania tuleji dystansowych
	Cilinderplaten Ecussons Cylinder covers PZ-Rosette	Escudos bombin Osłona wkładki bebenkowej Copertura cilindri		Inbraakwerende kogel Bille anti-vol Anti-burglar ball Einbruchhemmende Kugel	Bola proteccion antirobo Kulka antywłamaniowa
	Slotpaden Gâches Receivers Schliessbleche	Gancho Gniazdo rygla zamka Riscontri		Dieveklauw Pene anti-degondage Anti-lift pin Sicherheitsbolzen	Perno antielevador Bolec antywyważeniowy
	Deursluiters Ferme-porte Door closer Türschliesser	Cierrapuertas Samozamykacz drzwiowy Chiusura porta		Kozijndorpelveer Pivot de frein arien Overhead closer Obentürschliesser	Muelle aereo Samozamykacz gorny
				Vloerveer Pivot de frein au sol Floor closer Bodentürschliesser	Muelle pavimento puerta Samozamykacz podlogowy

	Eindstuk deurleugel Pièce finale ouvr. porte End piece door vent Endkappe Türflügel		Tapeta hoja puerta Koncowka do skrzydła drzwiowego Terminale anta		Binnenbeglazingsdichtung Joint à bourrer Inner glazing gasket Innenverglasungsdichtung		Junta de acristalado interior Uszczelka przyszybowa wewnętrzna Guarnizione del vetro interna
	Eindstukken bodemprofiel Pièces finales profilé de seuil End pieces floor profile Endkappe Schwelle		Piezas terminales perfil suelo Koncowki profilu podłogowego Terminale soglia		Buitenbeglazingsdichtung Joint de vitrage extérieur Outer glazing gasket Aussenverglasungsdichtung		Junta de acristalado exterior Uszczelka przyszybowa zewnętrzna Guarnizione del vetro esterna
	Eindstukken Z-T deur Bouchon profilé porte Z-T End pieces Z-T door Endkappe Z-T Tür		Tapetas puerta Z-T Element koncowy Z-T drzwi Terminale profili porte Z e T		Buitenbeglazingsdichtung Joint de vitrage extérieur Outer glazing gasket Aussenverglasungsdichtung		Junta de acristalado exterior Uszczelka przyszybowa zewnętrzna Guarnizione del vetro esterna
	Afdichtingen dorpels Profils latéral pour bavettes Sill end pieces Endstück für Wetterschenkel		Tapetas condensacion Koncowki do profili podokiennych Coprifilo terminale		Akoestische dichting Joint acoustique Acoustical seal gasket Flügelanschlagdichtung		Junta acustica Uszczelka akustyczna Guarnizione di isolamento acustico
	Glassteunen Supports cale de vitrage Glazing supports Klotzbrücken		Soportes vidrio Podporka pod przeszklenie Supporti per vetro		Middendichtingen Joints centraux Central gaskets Mitteldichtungen		Junta central Uszczelka centralna Guarnizione centrale
	Afdekkap 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 stolprofielen Bouchons double ouvrant End parts double casement profile Endkappe Stulpprofil		Tapetas perfil doble hoja Koncowka profilu ruchomego słupka Parte finale di un profilo ad inversione		Dilatatedichtingen Joints de dilatation Expansion gaskets Dehnungsdichtungen		Junta de dilatacion Uszczelka dyfuzyjna Guarnizione di espansione
	Koppelstuk Pecce de raccordement Connection piece Kupplungsstueck		Pieza de union Element Łaczacy -		Dichting Joint Gasket Dichtung		Junta Uszczelka Guarnizione
	Eindstukken voor stolprofielen Bouchons pièce finale pour profilé double ouvrant End parts for double casement profiles Endkappen für Stulpprofile		Tapeta perfil doble hoja Koncowka profilu ruchomego słupka -		Dichting Joint Gasket Dichtung		Junta Uszczelka Guarnizione
	Afdichtingsstuk Pièce d'étanchéité Sealing piece Abdichtung		Pieza de sellado Element uszczelniający Sigillante		Afdichtingsstuk Pièce d'étanchéité Sealing piece Abdichtung		Pieza de sellado Element uszczelniający Sigillante
	Afdichting goot Fermeture gouttière End piece gutter Endkappe Rinne		Tapetas canal Koncowka rynny -		Dichting veranda Joint véranda Gasket veranda Dichtung Wintergarten		Junta veranda Uszczelka do werandy -
	Eindstuk Pecce finale End piece Endkappe		Terminal Koncowka Terminale		Borsteldichtingen Joints brosse Brushes Bürstendichtungen		Cepillos Szczotki Spazzole
	Stootplaat Arrêt vitrage toiture Glass panel stop Endstück Verglasung		Tope del panel de vidrio Ogranicznik wypełnienia -		Isolerend vulstuk Pièce de remplissage isolante Insulating filling piece Isolierendes Füllstück		Pieza de relleno aislante Wkładka izolacyjna -
	Veranda type 1 Veranda type 1 Veranda type 1 Veranda Typ 1		Veranda tipo 1 Weranda typu 1 -		Einddichting Joint d'assemblage End gasket Enddichtung		Junta Uszczelka koncowka Guarnizione



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



Paniekdeur
Porte de panique
Panic door
Paniktür

Puerta antipánico
Drzwi antypaniczne
-



Draaikip
Oscillo-battant
Turn and tilt
Drehkipp

Oscilobattiente
Okno rozwierno-uchylne
Anta ribalta



Diversen
Divers
Miscellaneous
Diverse

Diversos
Elementy uzupełniające
Varie



Kipdraai
Battantes-ouvrantes
Tilt and turn
Kippdreh

Battiente oscilante
Okno uchylno-rozwierane
Anta ribalta inversa



Klemstuk
Clip
Uchwyty
Clip
Federklemme

Clip
Uchwyty
Clip



Draairaam
Fenêtre ouvrante
Side-hung window
Drehfenster

Ventana practicable
Okno rozwierane
Battente



Nokbevestiging
Fixation de la faîtière
Fixation of the ridge
Firstanschluss

Fijación del resalte
Element mocujący kalenicowy
-



Stolpraam
Fenêtre double ouvrant
Double casement window
Stulp-Flügel Fenster

Ventana doble hoja
Okno rozwierane wuskrzydłowe
Finestra a 2 ante



Isolatie
Isolant
Insulation
Isolation

Aislamiento
Izolacja
-



Valraam
Fenêtre à soufflet
Bottom hung window
Kipp-Fenster

Ventana abatible
Okno uchylne
Wasistas



Brievenkleppen
Entrées de courrier
Letter boxes
Briefeinwurf

Buzones
Skrzynka na listy
-



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
-



Automatische deurichtingen
Fermetures automatiques
Automatic door latches
Automatische Türdichtungen

Cierrapuertas automaticos
Drzwiowa automat. opadająca listwa
Dispositivo di chiusura soglia



Variant
Variante
Variant
Variante

Variante
Wariant
Variante



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



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

Ventana proyectante con compas
Okno wychylne na zewnątrz
Sporgere con frizioni



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

Bulones y cerraderos
Płytki i kolek ryglujące
-



Tuimel- en taatsraam
Châssis pivotant
Pivot window
Schwingflügel

Ventana pivotante
Okno obrotowe
-



Goot
Gouttière
Gutter
Rinne

Canal
Rynna
-



Vouwdeur (MP)
Porte pliante (MP)
Folding door (MP)
Falttür (MP)

Puerta plegable (MP)
Drzwi harmonijkowe (MP)
-



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
-



Kunststof dakbedekking
Toiture synthétique
Synthetic roofing
Kunststoff Dachdeckung

Cubierta en material sintético
Wypelnienie poliwęglanem na dachy
-



Schuifraam
Fenêtre coulissante
Sliding window
Schiebefenster

Ventana corredera
Okno przesuwne
-



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

Cinta autoadhesiva de dos caras
-



Parallel opengaand raam
Fenêtre ouvrant parallels
Parallel opening window
Parallelausstellfenster

Ventana proyectante paralela
Okno równolegle wysuwane na zewnątrz
Sporgere parallelo



Domotica
Domotique
Domotics
Domotik

Domótica
Domotica
-



Kipraam
Fenêtre battante
Tilt window
Kippfenster

Oscilo
Okno uchylne
-



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

Perfiles alto aislamiento térmico
Profile o wysokiej izolacyjności termicznej
-



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.
-



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
-



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 guía
Element naprowadzający
-

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



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

Util para juntas
Narzędzie do uszczelki
-



Pneumatische aandrijving
Propulsion pneumatic
Pneumatic drive
Pneumatische Antrieb

Destornillador neumático
Pneumatyczny napęd
-



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
-



Ponsunit
Unité d'étamper
Punch unit
Stanzeinheit

Punzon
Wykrojnik
-



Land
Pays
Country
Land

Pais
Kraj
-



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

Util para drenaje hoja
Narzędzie do drenażu skrzydła
-



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

Longitud mínima del perfil
Minimalna długość profilu
-



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
-



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

Longitud máxima del perfil
Maksymalna długość profilu
-



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

Altura máxima del perfil
Maksymalna wysokość profilu
-



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
-



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

Movimiento horizontal máximo
Maksymalny ruch poziomy
-



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

Rango de corte a inglete horizontal
Zakres katów poziomych
-



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
-



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

Rango de corte a inglete vertical
Zakres katów pionowych
XXX



Motor
Moteur
Motor
Antrieb

Motor
Silownik napędowy
-



Monteertafel
Table de montage
Assembly bench
Montagetisch

Banco de montaje
Stół montażowy
-



Gewicht
Poids
Weight
Gewicht

Pesos
Ciężar
-



Elektrische aansluiting
Fixation électrique
Electric connection
Elektrischer Anschluss

Conexión eléctrica
Połączenie elektryczne
-



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

Velocidad de sierra
Maksymalna prędkość obrotowa
-



Compressor
Compresseur
Compressor
Kompressor

Compresor
Kompresor
-



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
Połączenie mechaniczne
-

B

Algemene informatie systemen

Généralités séries

General Information System

Allgemeine Information System

VERWERKINGSVOORSCHRIFTEN

I. ALGEMEEN

Zie catalogus "1.Algemene informatie" (089.C01E.00 editie 11/2004)

II. VERWERKINGSVOORSCHRIFTEN CURTAIN WALL 86/ 86-EF

Opbouw

De gevel kan op twee verschillende manieren opgebouwd worden:

-Als stijl – regelwerk.

De assemblage van de draag- en dwarsprofielen gebeurt op de bouwplaats door middel van T-verbindingen.

De ingewerkte dwarsprofielen worden in hetzelfde vlak als de verticale draagprofielen gemonteerd met behulp van T of L –L-vormige verbindingstukken.

De afdichting van de stijl- regelverbinding gebeurt d.m.v. een elastische blijvende kit.

Vulelementen worden op de bouw gemonteerd.

-Als volledig afgewerkt kaderelementen.

De assemblage van de draag- en dwarsprofielen gebeurt in de werkplaats in kadervorm.

Dit kader noemen we het draagkader.

Op dit draagkader worden de elementen bevestigd waarin de vullingen gevat zijn.

Dit kader noemen we het glaskader.

De montage van de glaskaders op het draagkader kan zowel in de werkplaats als op de bouw gebeuren.

Als bijzondere toepassing is het tevens mogelijk om vaste vulelementen rechtstreeks te monteren in het draagkader. Dit aangepaste draagkader heeft aan binnen- en buitenzijde identiek hetzelfde uitzicht, op de aanslagrubber van de glaskaders na.

De verschillende draagkaders worden onderling door middel van 3 rondomlopende rubberafdichtingen water- en winddicht met elkaar verbonden.

II.1 CONSTRUCTIEVOORSCHRIFTEN

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

II.1.1 Verspanende bewerkingen

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

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

Positie/klemming van de profielen tijdens het zagen:

De positie van de profielen op de zaagtafel tijdens het verzagen is zeer belangrijk en is de basis om perfecte verstekken te bekomen na montage van raam of deur.

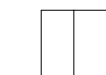
De grootste druk moet steeds op de «referentiezijde» van de profielen uitgeoefend worden.

De «referentiezijde» moet perfect horizontaal of verticaal op de zaagtafel geplaatst worden.

De klemblokken moeten gebruikt worden:

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

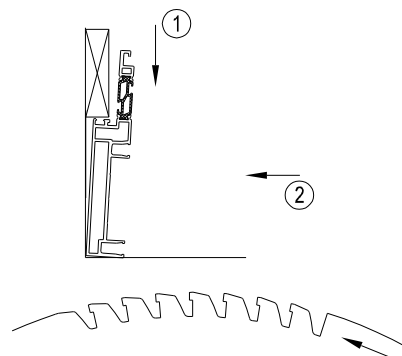
Referentiezijde ->



<- Referentiezijde

FOUTIEVE KLEMMING

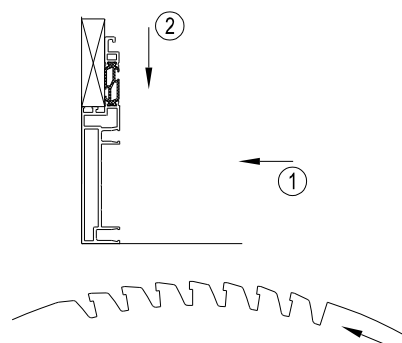
- FOUT:** De hoofdklemming drukt op de zichtkant van het te verzagen profiel en het profiel kantelt.
- GEVOLG:** Scheve zaagsnede - de buitenzijde is korter dan de binnenzijde.
- RESULTAAT:** Bij het persen van de hoeken is het verstek aan de binnenzijde keurig dicht en gaapt aan de buitenzijde.



JUISTE KLEMMING

De hoofdklemming drukt op de sponningzijde. De zichtkant ondergaat een kleinere, secundaire druk. Het profiel heeft niet de neiging te kantelen of te vervormen tijdens het zagen, en het persen van de in verstek gezaagde profielen kan probleemloos verlopen.

Opmerking:
Het verdient aanbeveling om spanen die ontstaan tijdens het zagen af te zuigen.



II.1.2 Assemblage

Wij maken de volgende onderverdeling:

1. hoekverbindingen;
2. T-verbindingen en kruisverbinding
3. ontwatering en uitsparingen voor het beslag;
4. dichtingen

1.2.1 Hoekverbindingen

Stappen:

- a. Correct zagen.
- b. Beschermen van de zaagsneden door:
 - ontbramen (indien noodzakelijk);
 - verwijderen van stof en zaagresten op de zaagsnede en in de profielkamer;
 - ontvetten (Degreaser art.nr. 086.9182.--);
 - aanbrengen van anticorrosieproduct (Anticorro art.nr. 086.9610.--); droogtijd: ca. 1 uur.
- c. Afdichten: op de zaagsneden een neutraal, elastisch dichtingmiddel aanbrengen.
- d. Verlijmen: aanbrengen van een goedgekeurd dichtingslijm (tweecomponentenlijm Körapur art. nr. 084.9069.--):
 - in alle profielkamers voor hoekverbinders;
- e. Verbinding tot stand brengen: de hoekstukken kunnen ingebracht worden en vervolgens wordt de mechanische hoekverbinding door persen tot stand gebracht.
- f. De samengevoegde elementen dienen enkel aan de zichtvlakken gereinigd te worden van lijmresten en dit uitsluitend met een niet-agressief middel (Reynaclean art. nr. 086.9203.--).

1.2.2 T-verbinding van de draagstructuur - draagkaders

Stappen:

- a. Correct zagen, frezen of boren:
- b. Beschermen van de zaagsneden door:
 - ontbramen (indien noodzakelijk);
 - verwijderen van stof en zaagresten op de zaagsnede en in de profielkamer;
 - ontvetten (Degreaser art.nr. 086.9182.--);
 - aanbrengen van anticorrosieproduct (Anticorro art.nr. 086.9610.--); droogtijd: ca. 1 uur.
- c. Afdichten: door middel van een elastische kit op de aangeduide plaatsen.
- d. Verbinding tot stand brengen en vastschroeven.
- e. Overtollig afdichtingmiddel verwijderen.

1.2.3 Ontwatering en ontluchting van de glaskaders, draagkaders en stijl-regelwerk

Stappen:

- a. Correct ponsen, boren en frezen.
- b. Beschermen van de bewerkte vlakken door:
 - ontbramen (indien noodzakelijk);
 - verwijderen van stof en spanen;
 - ontvetten (Degreaser art. nr. 086.9182.--);
 - aanbrengen van anticorrosieproduct (Anticorro art. nr. 086.9610.--); droogtijd: ca. 1 uur.

Aandachtspunten bij de ontwatering / ontluchting:

- Bij elke glaskader worden er ontwateringopeningen voorzien volgens de richtlijnen op pagina: 69.F... – 69.F...
- Ontwatering draagkader volgens de richtlijnen op pagina: 69.F...
- Ontwatering stijl-regelwerk volgens de richtlijnen op pagina: 69.F...

1.2.4 Inbouw bevestigingsstukken en glaskaders

De glaskaders worden door middel van een haaksysteem op de draagkaders of in het stijl-regelwerk gemonteerd.

Er worden minimaal 4 bevestigingspunten voorzien per glaskader.

De maximale verticale afstand tussen de haakpunten is 1000mm.

De bevestiging van deze haakpunten moet zowel op draagkader als op glaskader met de nodige zorg worden uitgevoerd en dit voor volgende redenen:

- alle haken dienen gelijkmatig verdeeld alle belastingen op te nemen (eigen gewicht en winddruk)
- niet perfect plaatsen van het haaksysteem geeft een onregelmatige voeg tussen de glaskaders onderling.
- lucht- en waterdichtheid worden negatief beïnvloedt door slecht geplaatste haken.

De maximaal toelaatbare tolerantie op de plaatsing van het haaksysteem is in functie van de hoogte/breedte verhouding van de glaskaders maar mag nooit meer dan 1mm bedragen.

Bij gevels met als draagstructuur een stijl- regelwerk en waar er een uitzettingsvoeg voorzien is in de stijlen mag het haaksysteem van eenzelfde glaskader niet boven de uitzettingsvoeg geplaatst worden.

Alle glaskaders dienen na plaatsing beveiligd te worden tegen uithaken d.m.v. een schroefverbinding.

Indien er geopteerd wordt voor plaatsing van volledig afgewerkte elementen dienen zowel de glaskaders als de vulelementen op speciale wijze worden beveiligd tegen uithaken en verplaatsen tijdens het transport.

Gelieve bij de minste twijfel Reynaers hierover te raadplegen.

1.2.5 Dichtingen

Alle dichtingrubbers zijn van weer- en verouderingsbestendig EPDM. De verwerking ervan dient zorgvuldig te gebeuren, aangezien hiervan de dichtheid van het venster afhangt.

a. Het aanbrengen van de beglazingsdichtingen

Stappen:

1. Correct versnijden: het versnijden van de beglazingsdichting dient met een speciale schaar (art.nr. 090.0121.00) te gebeuren en de dichting kan naargelang de soort profielverbinding in verstek of recht versneden worden. Benodigde overlengte (ca 10 mm per meter) dient voorzien te worden.
2. Aanbrengen dichting: de dichtingen worden aangebracht in de daarvoor voorziene groeven van de profielen; de overlengte wordt lichtjes opgestuikt om uitzetten of krimpen op te vangen. Moeilijkheden bij het inbrengen kunnen opgevangen worden met siliconenspray (art.nr. 086.9551.--).
3. Verlijmen (afdichten): in de hoeken dient de beglazingsdichting verlijmd te worden met vulkaniseerlijm (Unionzement art.nr. 084.9108.--). Doordat de verbinding elastisch blijft, sluit de dichting ook in de hoeken perfect aan.

II.2 MONTAGEVOORSCHRIFTEN

II.2.1. Inbouw in de ruwbouw

Het gevelelement wordt door middel van verankeringen aan de dragende ruwbouw verbonden. Het aantal, de plaats en de wijze van verankering moet zodanig zijn dat de krachten die op het gevelelement worden uitgeoefend, goed op de omringende bouwkundige constructies kunnen worden overgedragen. Deze krachten kunnen onder andere zijn: windbelasting, eigen gewicht, gebruiksbelasting, zonwering, glazenwasserinstallaties, enz... De verankering mag geenszins het draagvermogen van de aangrenzende bouwonderdelen beïnvloeden. De plaats en uitvoering van de ankers of andere bevestigingsmiddelen dienen zodanig te zijn dat het element niet door de bouwkundige constructie kan worden belast en dat het element niet wordt gedeformeerd.

Lengteveranderingen, veroorzaakt door temperatuurwisselingen, moeten ongehinderd kunnen plaatsvinden. Ook de toegelaten toleranties van de ruwbouw moeten kunnen worden opgenomen door de gevelconstructie en de verankeringen zonder dat er waterlekage ontstaat of te veel luchtinfiltratie optreedt. De verankeringconstructie zal hiertoe voldoende instelmogelijkheden moeten bezitten om het inpassen tijdens de montage mogelijk te maken. Verankeringen mogen verder het goed functioneren van de beweegbare delen en het hang- en sluitwerk niet belemmeren. Bewegingen tussen ruwbouw en gevelelementen mogen niet tot gevolg hebben dat er hinderlijke geluiden door verankeringen worden veroorzaakt.

Soms kunnen verankeringen koudebruggen vormen. Het zal dan noodzakelijk zijn om de warmtestroom zo veel mogelijk te beperken. Hierbij dient men zich ervan te verzekeren dat de mechanische sterkte nog voldoende is. Alle verankeringen, voor zover niet uit aluminium of roestvrij staal, dienen afdoende tegen corrosie te zijn beschermd en mogen zelf ook geen aantasting van het aluminium veroorzaken.

De maximaal toelaatbare verplaatsingen van de ruwbouw ter plaatse van de verankeringen van de draagkaders is in functie van de hoogte – breedte verhouding van de elementen.

In ieder geval mag de nominale voeg van 9 mm aan de binnenzijde tussen de draagkaders nooit kleiner worden dan 5mm of groter dan 13mm en dit om de water- en luchtdichtheid te kunnen garanderen.

II.2.2. Inbouw van het beslag

Keuze van bevestigingspunten, aantal sluitpunten, max. vleugelgewicht, max. vleugelaftmetingen, toegepast vleugelgewicht, e.a. dient te gebeuren volgens de richtlijnen van de systeemleverancier en de beslagfabrikant. Glijdende en bewegende delen zijn van neutraal vet te voorzien.

Bij montage controleren of het beslag soepel en zonder hapering te bedienen is.

Daar de mogelijkheid bestaat om de elementen beglaasd naar de werf te voeren dient ingeval dat deze optie weerhouden wordt, er voor worden gezorgd dat de vleugels niet kunnen bewegen t.o.v. het draagkader tijdens het transport.

II.3 BEGLAZING

Het CW86-systeem is ontworpen voor beglazing met EPDM-rubbers.

Het toegepaste beglazingssysteem is het zogenaamde drukvereffende beglazingssysteem.

Bij dit systeem wordt een zekere mate van watertoetreding in de constructie toegestaan. Het eventueel naar binnengedrongen water dient op een gecontroleerde wijze naar buiten te worden afgevoerd via de glaskaders of de horizontale profielen van draagkader of stijl-regelwerk.

De volgende aspecten zijn zeer belangrijk bij dit beglazingssysteem:

- De binnendichting dient zo goed mogelijk luchtdicht te zijn.

- De buitendichting dient zodanig te worden uitgevoerd dat watertoetreding in de sponning zoveel mogelijk voorkomen wordt. Hiervoor dienen we de rubbers op te stuiken zodat vermeden wordt dat er daarna openingen ontstaan in de hoeken.

Bevestiging van de beglazing

Geen enkel glaspaneel mag rechtstreeks in contact komen met het aluminium of ander metaal zonder tussenplaatsing van beglazingsblokjes en een rubberdichting.

Bij isolatieglas dienen beide glasbladen gelijkmatig ondersteund te worden.

De kunststof steunblokjes zijn bedoeld om het gewicht van het glas over te brengen op de profielen en dienen volgens de voorschriften van de glasleverancier geplaatst te worden.

Om de doorbuiging van het dragende profiel onder invloed van het glasgewicht te beperken is het aan te raden de glassteunen zo ver mogelijk naar de glashoeken te plaatsen.

De glaslatten van de glaskaders worden minimaal 1 keer per profiel mechanisch beveiligd tegen ontclippen.

II.4 CW 86-STRUCTURAL GLAZING

II.4.1. Algemeen

Het glasgevelsysteem SG is een plaatsingsmethode om volledig gladde element gevel te bekomen.

Deze glaskaders worden met haaksysteem gemonteerd op basis gevel. Identieke kaders worden gebruikt zowel op het stijl-regel systeem CW 86 als op het kadersysteem CW 86-EF.

II.4.2. Bestelling van de profielen

Voor ieder CW86-SG / CW 86-EF/SG project wordt door de Technische Dienst van Reynaers Aluminium Duffel een onderzoek gedaan op basis waarvan een goedkeuring kan gegeven worden voor de levering van de nodige verlijmingprofielen. De basis van dit onderzoek is een ingevulde aanvraag (form 158 of digitale aanvraag).

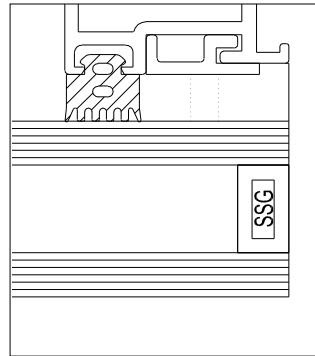
II.4.3. Structurele verlijming

a) Aandachtspunten structurele verlijming

- Te gebruiken structurele lijm = DC 993 van Dow Corning of Sika: SG500 of Tremco: VEC99 Proglaze II (of andere in ETA opgenomen siliconen)

Uitsluitend voor de structurele kit DC 993 /SG500/VEC 99/Proglaze II zijn de in de EOTA-gids voor structurele beglazingssystemen beschreven adhesieproeven en verenigbaarheidproeven met de omringende materialen uitgevoerd. Voor ieder nieuw lot van verlijmingprofiel worden bij Dow Corning / Sika / Tremco versnelde adhesieproeven (zgn. peeltesten) evenals de anotesten uitgevoerd. Op basis van de resultaten van deze proeven wordt een verlijmingvoorschrift voor het welbepaalde lot van het verlijmingprofiel opgemaakt (nr. DC XXXXX) waarin gemeld wordt dat de profielen

goedgekeurd zijn voor structureel gebruik. Belangrijk om op te merken is dat dit voorschrift slechts 6 maanden geldig is. Een hernieuwing van het voorschrift kan bekomen worden door na 6 maanden de bovenvermelde testen opnieuw uit te voeren.



• Te gebruiken reinigingsmiddel voor verlijmingsprofiel 007.0161.17 / 028.2030.17 / 028.2031.17

Voor het aanbrengen van de structurele lijm op het verlijmingsprofiel moet dit profiel gereinigd worden en ontvet worden met een product zoals voorgeschreven door de siliconen leverancier. Het gebruik van een extra primer is niet noodzakelijk. Tenzij anders vermeld op het verlijmingsvoorschrift.

• Mogelijke beglazingen

De meest courante beglazingen kunnen gebruikt worden in dit systeem; wij verwijzen naar de ETA om hier uitsluitsel over te bekomen. Voor dubbele beglazing is de te gebruiken kit voor de hermetische voeg tussen beide glasplaten bij voorkeur de kit DC 3362 of IG25 of Proglaze II of SS562, dewelke ook een structurele kit is. Bij de oplossing met verlijming op het buitenglasblad en getrapte beglazing mag de buitenste glasplaat niet volledig uitgehard zijn. Voor glas met verhoogde breukweerstand komt in dit geval voor de buitenste glasplaat uitsluitend halfgehard glas (durci) in aanmerking. Voor glasplaten met een coating op zijde 2 (de zijde waarop gekleefd wordt) is het noodzakelijk om in bepaalde gevallen deze coating te verwijderen ter hoogte van de lijmvoeg om een voldoende hechting in de tijd te garanderen. Meer informatie hieromtrent kan bekomen worden bij de glasleverancier en/of Dow Corning.

Min. Glasdikte = 24 Max. Glasdikte = 36

Toegelaten glassamenstellingen staan ook vermeld in de technische goedkeuring (ETA).

• Ondersteuning voor eigengewicht

Dit systeem mag uitsluitend gebruikt worden mits ondersteuning van beide glasplaten voor eigengewicht, zodat de Lijmvoeg niet onderworpen is aan een continue afschuifbelasting o.i.v. eigengewicht. Concreet betekent dit, dat minstens de helft van de buitenste glasplaat moet ondersteund zijn. In het geval van gelaagde beglazing moet minstens de helft van de meest buiten gelegen glasplaat half ondersteund zijn: bv. voor gelaagde beglazing type 44.2 met een totale dikte van ongeveer 8,8 mm moet minstens 6,8 mm ondersteund zijn. De PVB-lagen zijn immers niet ontwikkeld om een continue afschuifbelasting op te vangen. Voor dubbele beglazing moeten beide glasplaten ondersteund worden.

• Verenigbaarheid omringende materialen met de structurele voeg

Alle omringende materialen van de structurele voeg moeten verenigbaar zijn met DC 993. De materialen van het systeem, zoals weergegeven in deze catalogus, zijn uiteraard getest op hun verenigbaarheid met de structurele kit, ook de gebruikte EPDM-dichtingen. Indien echter andere materialen worden toegepast in het systeem moeten de nodige verenigbaarheidattesten kunnen voorgelegd worden.

• Afstandshouder

De dichting 080.9300.04, 080.9301.04 of 080.9375.04 wordt in dit systeem gebruikt als afstandshouder tussen het verlijmingsprofiel en het glas. Deze dichting zorgt er bijgevolg voor dat het glas overal precies even ver verwijderd is van het verlijmingsprofiel (standaard 6,4 mm). Dit resulteert in een constante dikte van de structurele voeg. Zoals hierboven reeds gemeld, is uiteraard ook deze dichting getest op verenigbaarheid met de structurele lijm.

• Glassteunblokkjes

Tussen de aluminium glassteun en het glas dient een siliconenblokje geplaatst te worden type colypro (colymit) met een hardheid van 70 tot 80 SHORE A. Deze blokkjes zijn niet in het Reynaers-gamma opgenomen maar de meeste verlijmingsfirma's hebben deze standaard liggen. Belangrijk is dat ook deze verenigbaar zijn met structurele voeg.

• Verlijmingsfirma's

Verlijming mag enkel worden uitgevoerd door verlijmers welke goedgekeurd zijn voor de uitvoering van structurele verlijming volgens ETAG 002.

De verlijming tussen glaspaneel en vleugelkader moet perfect haaks gebeuren voor de functionaliteit bij het openen en sluiten van de vleugel.

b) Bestelling verlijmingprofiel

Voor ieder CW86-SG / CW 86-EF/SG project wordt door de Technische Dienst van Reynaers Aluminium Duffel een onderzoek gedaan op basis waarvan een goedkeuring kan gegeven worden voor de levering van de nodige verlijmingprofielen. De basis van dit onderzoek is een ingevulde aanvraag (form 158 of digitale aanvraag). Dit onderzoek kan opgesplitst worden in volgende 3 delen:

• Controle afmetingen structurele voeg

Op basis van de windbelasting (piekwindbelasting met terugkeerperiode van 10 jaar), de elementafmetingen en de glassamenstelling wordt nagegaan of de klassieke hoogte van de structurele voeg (= 21mm voor profiel 028.2030.17 / 028.2031.17 en = 15,5 mm voor profiel 007.0161.17) volstaat om deze windbelasting op te nemen. Verder wordt ook gecontroleerd of de dikte van de structurele voeg (klassiek 6,4 mm) volstaat om het verschil in thermische uitzetting tussen glas en aluminium op te vangen. Telkens wordt een bevestiging gevraagd van deze berekeningen bij siliconenleverancier.

• Controle elementafmetingen

Voor opengaande delen wordt nagegaan of de voorgestelde elementafmetingen en het elementgewicht kunnen gerealiseerd worden met de scharen in ons gamma. Wij verwijzen daarvoor ook naar de diagrammen voor toelaatbare afmetingen verderop in de catalogus. Voor vaste gedeelten wordt vnl. een gewichtscontrole uitgevoerd (naast uiteraard de controle van de voegafmetingen zelf - zie eerste punt). Bij gebruik van 2 glassteunen met een breedte van 100 mm, hetgeen verplicht is, moet het totale elementgewicht beperkt blijven ivf schaar, glassteun en profieldoorsnede. Tenslotte wordt nog nagegaan of met de voorgestelde glassamenstelling de buitenste glasplaat half ondersteund is. Deze waarden gelden enkel wanneer de binnenste glasplaat even dik of dikker is als de buitenste glasplaat.

• Specifieke toepassingen

Voor specifieke toepassingen (hoekdetailering, gevel in facetten, ...) wordt bij een oplossing afwijkend van de catalogusoplossing de technische haalbaarheid nagegaan. Na goedkeuring van het project wordt voor het betreffende lot van verlijmingprofiel het verlijmingsvoorschrift van de siliconenleverancier aan de klant opgestuurd.

Bijlage: FORM 158

STRUCTURELE VERLIJMINGSPROJECTEN
VOLGENS ETAG 002

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Gelieve dit document terug te sturen naar R&D van Reynaers Aluminium N.V. alsook uw bestelling naar onze Verkoopafdeling.

Projectnaam: _____
Werfadres: _____
Land: _____

Firma en contactpersoon: _____

Systeem	Profielen	Lengte	Aantal
☐ CW 50 – Top Hung	034.1116.17 SG	7m	
☐ CW 50 – Turn & Tilt	034.1116.17 SG	7m	
☐ CW 50-SG	034.1116.17 SG	7m	
☐ CW 50-SC	034.1116.17 SG	7m	
☐ CW 60	034.1116.17 SG	7m	
☐ CW 86	028.2030.17 SG	7m	
	028.2031.17 SG	7m	
	007.0161.17 SG	6m	
☐ CW 65-EF/SG	007.0220.17 SG	7m	
	007.0230.17 SG	7m	

Oppervlakte project: _____ m²
Max. paneelafmetingen: Breedte x Hoogte: _____ x _____ mm
Glassamenstelling: Binnenblad _____ mm x Spouw _____ mm x Buitenblad _____ mm
Piek winddruk: _____ Pa (ontwerpbelasting, terugkeerperiode van 10 jaar, incl. locale drukparameters)

Hoekdetails: ☐ Ja → ☐ Oplossing volgens catalogus
☐ Specifieke oplossing → tekening bijgevoegd

Gebogen gevel: ☐ Ja → Hoek tussen 2 facetten = _____°

Verticale gevel: ☐ Ja

☐ Nee → Hoek β ten opzichte van het verticale vlak = _____°

Tekeningen: _____ doorsneden/aanzichten/grondplannen in bijlage

Verlijmingsfirma: _____
Adres: _____

Goedkeuringsnummer voor Structurele Verlijming volgens ETAG, gegeven door Genotificeerde Instantie: _____

Silicone leverancier: _____ Type _____
Verlijmingsfirma goedgekeurd door silicone leverancier: ☐ Ja ☐ Nee

TECHNISCHE GOEDKEURING

In te vullen door R&D van Reynaers Aluminium DUFFEL, na beoordeling van project

Aantal	Profielen	Batch	Proef	Kleur profielen	Rapport

Datum: _____ Door: _____

RECOMMANDATIONS DE MISE EN OEUVRE

I. GENERAL

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

II. RECOMMANDATIONS DE MISE EN OEUVRE CURTAIN WALL 86/ 86-EF

Construction

La façade peut être construite de deux façons différentes:

- Sous la forme d'un bâti:

L'assemblage des profilés porteurs et des profilés transversaux s'effectue sur le chantier au moyen de raccords en T.

Les profilés transversaux incorporés sont montés dans le même plan que les profilés porteurs verticaux à l'aide de raccords en T ou en L.

L'étanchéification du bâti est réalisée au moyen d'un mastic à élasticité permanente.

Les éléments de remplissage sont montés sur le chantier.

- Sous la forme de cadres modulaires entièrement finis:

L'assemblage des profilés porteurs et des profilés transversaux s'effectue à l'atelier sous la forme d'un cadre.

Nous appelons ce cadre le cadre porteur.

Les éléments dans lesquels sont sertis les remplissages sont fixés sur ce cadre porteur.

Nous appelons ce cadre le cadre vitré.

Le montage des cadres vitrés sur le cadre porteur peut se faire soit en atelier soit sur le chantier.

À titre d'application spéciale, il est également possible de monter directement des éléments de remplissage fixes dans le cadre porteur. Ce cadre porteur adapté a un aspect identique à l'intérieur et à l'extérieur, à la seule différence du caoutchouc de butée des cadres vitrés.

Les différents cadres porteurs sont assemblés entre eux de manière étanche à l'eau et au vent au moyen de 3 garnitures périphériques en caoutchouc.

II.1 RECOMMANDATIONS DE FABRICATION

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

II.1.1 Opérations d'usinage

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

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

Position/serrage des profilés pendant le tronçonnage:

La position des profilés sur la table de sciage pendant le tronçonnage est très important et est la base pour obtenir des onglets parfaits après montage de la fenêtre ou de la porte.

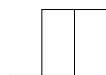
La pression principale doit toujours être exercée sur la «face de référence» des profilés.

La «face de référence» doit être positionnée parfaitement horizontale ou verticale sur la table de sciage.

Les mors de serrage doivent être utilisés:

- a. pour éviter que les tolérances sur les profilés influencent la qualité de l'onglet;
- b. pour éviter que les profilés ne basculent sur la table.

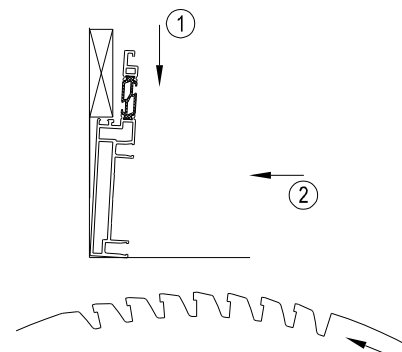
Face de référence



<- Face de référence

MAUVAIS TRONCONNAGE

- DEFAULT:** Le vérin principal presse sur la surface visible du profilé à tronçonner entraînant son décalage.
- CONSEQUENCES:** Coupe d'onglet en biais, côtés extérieurs raccourcis par rapport aux côtés intérieurs.
- RESULTAT:** Après sertissage, l'assemblage sur la face intérieure est correct, tandis qu'à l'extérieur l'onglet s'est ouvert.

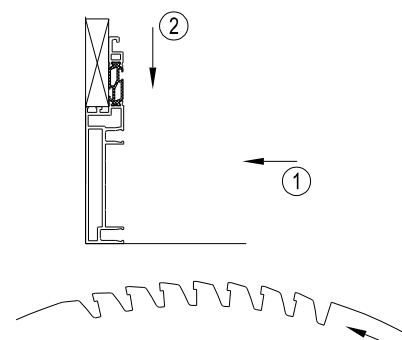


TRONCONNAGE CORRECT

Le vérin principal exerce sa pression sur la face de la feuillure.
La surface visible ne subit que la pression réduite du vérin secondaire.

Le profilé n'a pas tendance à se décaler ou à se déformer pendant la coupe et le sertissage des profilés sciés à onglet peut s'effectuer sans problèmes.

Remarque:
Il est recommandé d'aspirer les copeaux pendant le tronçonnage.



II.1.2 Assemblage

Nous faisons la subdivision suivante:

1. raccords d'angle;
2. assemblages T et jonction transversale
3. drainage et découpes pour les accessoires;
4. joints.

1.2.1 Raccords d'angle

Etapes :

- a. Tronçonnage correct.
- b. Protection des coupes par:
 - ébavurage (si nécessaire);
 - enlèvement des poussières et des copeaux de sciage sur la coupe et dans la chambre du profilé;
 - dégraissage (Degreaser art.n° 086.9182.--);
 - application de produit anticorrosion (Anticorro art.n° 086.9610.--); temps de séchage: environ 1 heure
- c. Etanchement: appliquer sur les coupes de la matière d'étanchéité neutre et élastique.
- d. Encollage: appliquer une colle d'étanchéité approuvée (colle bi composants Kōrapur art.n° 084.9069.--):
 - dans toutes les chambres de profilés des équerres;
- e. Assemblage: les équerres peuvent être introduites et ensuite le raccord d'angle mécanique est réalisé en sertissant.
- f. Sur les éléments composés, les résidus de colle ne doivent être enlevés que des surfaces visibles, et ceci uniquement à l'aide d'un produit non-agressif (Reynaclean art.n° 086.9203.--).

1.2.2 Assemblage T de la structure portante / cadres portants

Etapes:

- a. Tronçonnage fraisage ou forage correct.
- b. Protection des coupes par:
 - ébavurage (si nécessaire);
 - enlèvement des poussières et des copeaux de sciage sur la coupe et dans la chambre du profilé;
 - dégraissage (Degreaser art.n° 086.9182.--);
 - application de produit anticorrosion (Anticorro art.n° 086.9610.--); temps de séchage: environ 1 heure.
- c. Etanchement: à l'aide d'une matière d'étanchéité neutre sur les endroits indiqués
- d. Assembler et visser
- e. Enlever les résidus de colle.

1.2.3 Drainage et ventilation des cadres vitrés, cadres portants et montants-traverses

Etapes:

- a. Poinçonnage, forage et fraisage correct.

b. Protection des surfaces traitées par:

- ébavurage (si nécessaire);
- enlèvement des poussières et des copeaux;
- dégraissage (Degreaser art.n° 086.9182.--);
- application de produit anticorrosion (Anticorro art.n° 086.9610.--); temps de séchage: environ 1 heure.

Lors du drainage ou de la ventilation, il faut prêter attention aux points suivants:

- Les fenêtres, quel que soit leur type, doivent obligatoirement être drainées suivant les prescriptions indiquées sur la page 69.F... – 69.F...
- drainage du cadre portant suivant les prescriptions indiquées sur la page 69.F...
- drainage des montants-traverses suivant les prescriptions indiquées sur la page 69.F...

1.2.4 Montage des pièces de fixation et des cadres vitrés

Les cadres vitrés sont montés sur les cadres porteurs ou dans le bâti au moyen d'un système d'agrafage.

On prévoit au moins 4 points de fixation par cadre vitré.

La distance verticale maximale entre les points d'agrafage est de 1000mm.

La fixation de ces points d'agrafage doit être effectuée avec le soin voulu tant sur le cadre porteur que sur le cadre vitré et ce, pour les raisons suivantes:

- toutes les agrafes doivent reprendre toutes les charges (poids propre et pression du vent) de manière uniformément répartie
- la pose imparfaite du système d'agrafage produit un joint irrégulier entre les différents cadres vitrés
- l'étanchéité à l'air et à l'eau est influencée dans le sens négatif par des agrafes mal placées.

La tolérance maximale admissible sur la pose du système d'agrafage est fonction du rapport hauteur/largeur des cadres vitrés mais ne peut jamais dépasser 1mm.

Dans les façades dont la structure portante est un bâti et où un joint de dilatation est prévu dans les montants, le système d'agrafage d'un même cadre vitré ne peut pas être placé au-dessus du joint de dilatation.

Après la pose, tous les cadres vitrés doivent être protégés contre le décrochage à l'aide d'un assemblage vissé.

Si l'on opte pour la pose d'éléments entièrement finis, les cadres vitrés comme les éléments de remplissage doivent faire l'objet d'une protection spéciale contre le décrochage et le déplacement pendant le transport.

Veuillez consulter Reynaers à ce sujet au moindre doute.

1.2.5 Joints

Tous les joints sont en EPDM résistant aux intempéries et au vieillissement. Leur montage doit se faire soigneusement, puisque l'étanchéité de la fenêtre en dépend.

a. Application des joints de vitrage

Etapes:

1. Découpe correcte: la découpe du joint de vitrage doit se faire avec des ciseaux spéciaux (art.n° 090.0121.00) et le joint peut être coupé à onglet ou droit en fonction du type de jonction entre les profilés. Une longueur supplémentaire (environ 10 mm par mètre) doit être prévue.
2. Application du joint: les joints sont appliqués dans les rainures des profilés prévues à cet effet; la longueur supplémentaire est légèrement refoulée pour neutraliser la dilatation ou le rétrécissement. Les difficultés de mise en place peuvent être résolues à l'aide d'un aérosol silicone (art.n° 086.9551.--).
3. Encollage (étanchement): dans les angles, le joint de vitrage doit être encollé avec de la colle de vulcanisation (Unionzement art.n° 084.9108.--). Cette colle permet à la jonction de rester élastique et de garantir parfaitement le rôle du joint même dans les angles.

II.2 RECOMMANDATIONS DE MONTAGE

II.2.1. Montage dans le gros œuvre

L'élément de façade est assemblé au gros œuvre portant au moyen d'ancrages. Le nombre d'ancres, leur emplacement et le mode d'ancrage doivent être tels que les forces exercées sur l'élément de façade soient bien reportées sur les structures constructives environnantes. Ces forces peuvent être, entre autres: la charge de vent, le poids propre, la charge d'usage, la protection solaire, les installations de laveurs de vitres, etc. L'ancrage ne peut en aucun cas influencer la capacité portante des éléments de construction adjacents. L'emplacement et la mise en œuvre des ancres ou autres moyens de fixation doivent être tels que l'élément ne puisse pas être mis en contrainte par la structure constructive et que l'élément ne soit pas déformé.

Les modifications longitudinales provoquées par les fluctuations de température doivent pouvoir avoir lieu sans être entravées. Les tolérances admises du gros œuvre doivent également pouvoir être reprises par la structure de façade et les ancrages sans qu'il se produise de fuites d'eau ou d'infiltrations d'air excessives. La structure de l'ancrage devra posséder à cette fin des possibilités de réglage suffisantes pour permettre l'ajustement pendant le montage. Les ancrages ne peuvent en outre pas entraver le bon fonctionnement des parties mobiles ainsi que des pentures et serrures. Les mouvements entre gros œuvre et éléments de façade ne peuvent pas avoir pour conséquence que les ancrages causent des bruits gênants.

Il arrive parfois que les ancrages constituent des ponts thermiques. Il sera nécessaire, dans ce cas, de limiter autant que possible le flux thermique. On doit s'assurer à cet égard que la résistance mécanique est encore suffisante. Pour autant qu'ils ne soient pas en aluminium ou en acier inoxydable, tous les ancrages doivent être convenablement protégés contre la corrosion et ne peuvent pas non plus attaquer eux-mêmes l'aluminium.

Les déplacements maximaux admissibles du gros œuvre au droit des ancrages des cadres porteurs est fonction du rapport hauteur/largeur des éléments.

Dans tous les cas, le joint nominal de 9 mm du côté intérieur entre les cadres porteurs ne peut jamais être inférieur à 5 mm ni supérieur à 13mm, afin de pouvoir garantir l'étanchéité à l'eau et à l'air.

II.2.2. Montage des accessoires

Le choix des points de fixation, du nombre de points de fermeture, du nombre de charnières, du poids max. d'ouvrant, des dimensions max. d'ouvrant, etc. doit se faire suivant les instructions du fournisseur des systèmes et du fabricant des accessoires.

Les parties coulissantes et mobiles doivent être pourvues de graisse neutre.

Lors du montage, il faut contrôler si les accessoires peuvent être actionnés de façon souple et sans bloquer.

Comme il est possible d'amener les éléments dotés de leur vitrage sur le chantier, il faut veiller, au cas où cette option est retenue, à ce que les vantaux ne puissent pas bouger par rapport au cadre porteur pendant le transport.

II.3 VITRAGE

Le système CW86 est conçu pour les vitrages à garnitures en caoutchouc EPDM.

Le système de vitrage utilisé est le système dit "à compensation de pression".

Ce système permet une certaine pénétration d'eau dans la construction. L'eau qui a éventuellement pénétré à l'intérieur doit être évacuée à l'extérieur de manière contrôlée via les cadres vitrés ou les profilés horizontaux du cadre porteur ou du bâti.

Les aspects suivants sont très importants avec ce système de vitrage:

- La garniture intérieure doit être aussi étanche à l'air que possible;
 - La garniture extérieure doit être exécutée de manière à éviter autant que possible la pénétration d'eau dans la feuillure.
- Pour cela, il faut abouter les caoutchoucs afin d'éviter que des jours apparaissent dans les angles par la suite.

Fixation du vitrage

Aucun panneau de verre ne peut entrer directement en contact avec l'aluminium ou un autre métal sans interposition de cales et d'une garniture de caoutchouc.

En présence de vitrage isolant, les deux feuilles de verre doivent être supportées de manière uniforme.

Les cales de support en matière synthétique servent à reporter le poids du vitrage sur les profilés et doivent être posées suivant les instructions du fournisseur du vitrage.

Pour limiter la flèche du profilé porteur sous l'effet du poids du vitrage, il est conseillé de rapprocher les cales de support le plus près possible des angles du vitrage.

Les parecloses des cadres vitrés sont protégées mécaniquement contre le déclipage au moins 1 fois par profilé.

II.4 CW 86-STRUCTURAL GLAZING

II.4.1. Généralités

Le système mur-rideau-SG est une méthode d'installation développée pour la réalisation de toitures et de murs-rideaux plans.

II.4.2. Commande des profils

Pour chaque projet CW 86-SG, CW 86-EF/Sg le service technique de Reynaers Aluminium Duffel fait une analyse, à base de laquelle l'accord peut être donné pour la livraison des profilés nécessaires.

La base de cette analyse est un formulaire de demande rempli (form 158 ou la demande digitale).

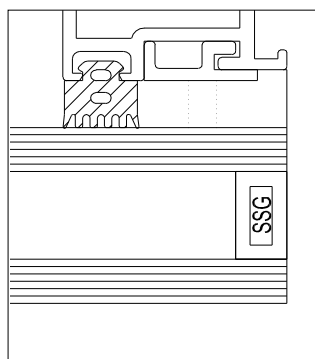
II.4.3. Vitrage extérieur collé

a) Vitrage extérieur collé: points à respecter

• Colle à utiliser = DC 993 de Dow Corning ou Sika: SG500 ou Tremco: VEC99 Proglaze II (ou d'autre mastic indiqué dans l'ETA)

Les essais d'adhérence et de compatibilité avec les matériaux environnants décrits dans le guide EOTA pour des systèmes de vitrage extérieur collé n'ont été réalisés que pour la colle DC 993 /SG500/VEC 99/Proglaze II. Pour chaque nouveau lot du profilé de collage, des essais d'adhérence accélérés (tests dits "peel") sont effectués chez Dow Corning / Sika / Tremco, ainsi que les essais ano. A base des résultats de ces essais, une prescription de collage est faite pour ce lot bien déterminé du profilé de collage (n° DC XXXXX), dans laquelle est indiqué que les profilés ont été approuvés pour emploi extérieur collé. Il est important de remarquer que cette prescription ne reste valable que pendant 6 mois. Un

renouvellement de la prescription peut être obtenu en faisant exécuter les essais mentionnés ci-dessus à nouveau après 6 mois.



• Nettoyant à utiliser pour profilé de collage 007.0161.17 / 028.2030.17 / 028.2031.17

Avant l'application de la colle sur le profilé de collage ce profilé doit être nettoyé. Le nettoyant sert aussi bien de produit de dégraissage que de primaire. L'utilisation d'un primaire supplémentaire n'est pas nécessaire. Ceci est évidemment également mentionné dans la prescription de collage.

• Vitrages possibles

Les vitrages les plus courants peuvent être utilisés dans ce système; nous nous référons au ETA pour donner une réponse définitive.

Pour le double vitrage, la colle à utiliser pour le joint hermétique entre les deux plaques de verre est de préférence le DC 3362 ou IG25 ou Proglaze II ou SS562, qui est également une colle pour usage VEC.

Si on choisit la solution de coller sur la feuille de verre extérieure et du vitrage débordé, la plaque de verre extérieure ne peut pas être complètement durcie. Pour du vitrage avec une résistance à la rupture augmentée, uniquement du vitrage demi-durci entre en ligne de compte dans ce cas pour la plaque de verre extérieure. Pour des plaques de verre avec un enduit sur face 2 (la face sur laquelle la colle est appliquée), il est nécessaire dans certains cas d'enlever cet enduit à la hauteur du joint de colle pour garantir une adhérence suffisante dans le temps. Veuillez vous adresser à votre fournisseur du vitrage et/ou à Dow Corning pour obtenir des renseignements complémentaires.

Min. épaisseur du vitrage 24

Max. épaisseur du vitrage 36.

Les compositions de vitrage admises sont aussi indiquées dans l'agrément technique (ETA).

• Support pour poids propre

Ce système ne peut être utilisé qu'à condition que les deux plaques de verre soient supportées pour leur poids propre, pour que le joint de colle ne soit pas soumis à une charge continue de cisaillement sous l'influence du poids propre. Concrètement cela signifie qu'au moins la moitié de la plaque de verre extérieure doit être supportée. Dans le cas de verre feuilleté, au moins la moitié de la plaque de verre la plus extérieure doit être à moitié supportée: par exemple, pour du verre feuilleté type 44.2 avec une épaisseur totale d'environ 8,8 mm, au moins 6,8 mm doit être supporté. Les couches PVB ne sont en effet pas développées pour accueillir une charge de cisaillement continue.

• Compatibilité des matériaux environnants avec joint extérieur collé

Tous les matériaux environnants du joint extérieur collé doivent être compatibles avec joint extérieur collé. Les matériaux du système comme décrits dans ce catalogue ont évidemment été testés sur leur compatibilité avec la colle DC 993, également les joints EPDM utilisés. Si toutefois d'autres matériaux sont appliqués dans le système, les certificats nécessaires de compatibilité doivent être produits sur demande.

• Pièce d'écartement

Le joint 080.9300.4, 080.9301.04, 080.9375.04 est utilisé dans ce système comme pièce d'écartement entre le profilé de collage et le vitrage. Ce joint garantit par conséquent que le vitrage est éloigné partout exactement la même distance du profilé de collage (6,4 mm). L'épaisseur du joint extérieur collé est donc constante. Comme déjà mentionné ci-dessus, ce joint a évidemment aussi été testé sur sa compatibilité avec la colle.

• Cales de vitrage

Entre la cale de vitrage aluminium et le verre, un bloc silicone doit être appliqué type colypro (colymit) avec une dureté de 70 jusqu'à 80 SHORE A. Ces blocs ne sont pas inclus dans la gamme Reynaers, mais la plupart des sociétés de collage les ont en stock. Il est important que ceux-ci soient également compatibles avec le joint extérieur collé.

• Sociétés de collage

Le collage ne peut être fait que par de colleurs approuvés pour la réalisation du collage structurel conformément à l'ETAG 002. Le collage entre le vitrage et l'ouvrant doit être parfaitement perpendiculaire pour la fonctionnalité lors de l'ouverture et de la fermeture de l'ouvrant.

b) Commande profile de collage

Pour chaque projet CW 86-SG / CW 86-EF/SG le service technique de Reynaers Aluminium Duffel fait une analyse, à base de laquelle l'accord peut être donné pour la livraison des profilés de collage

Nécessaires. La base de cette analyse est un formulaire de demande rempli (form 158 ou la demande digitale). Cette analyse peut être divisée en 3 parties comme décrit ci-dessous.

• Contrôle dimensions joint extérieur collé

A base de la charge du vent (charge extrême avec période de retour de 10 ans), les dimensions des éléments et la composition du vitrage, on vérifie si la hauteur classique du joint extérieur collé (= 21mm pour profil 028.2030.17 / 028.2031.17 et =15.5mm pour profil 007.0161.17) suffit pour accueillir cette charge du vent. On contrôle également si l'épaisseur du joint extérieur collé (classique 6,4 mm) suffit pour couvrir la différence en expansion thermique entre le verre et l'aluminium. Une confirmation de ces calculs est également demandée aux sociétés de collage.

• Contrôle des dimensions des éléments

Pour des parties ouvrantes, on vérifie si les dimensions des éléments et le poids des éléments proposés peuvent être éalisés avec les compas dans notre gamme. Nous nous référons aussi aux diagrammes pour dimensions admissibles plus loin dans le catalogue. Pour des parties fixes, on effectue surtout un contrôle du poids (à part bien sûr le contrôle des dimensions du joint mêmes – voir premier point). Si 2 cales de vitrage sont utilisées avec une largeur de 100 mm, ce qui est obligatoire, le poids total de l'élément doit rester limité en fonction de compas, support cale de vitrage, la section de profil.

Finalement, on vérifie si, avec la composition de verre proposée, la plaque de verre extérieure est à moitié supportée.

Ces valeurs ne sont valables qu'en cas où la plaque de verre intérieure est aussi épaisse ou plus épaisse que la plaque de verre extérieure.

• Applications spécifiques

Pour des applications spécifiques (détaillage coin, façade en facettes, façade inclinée,...) et si la solution diffère de la solution du catalogue, la faisabilité technique est vérifiée. Si le projet est approuvé, la prescription de collage de sociétés de collage est envoyée au client pour le lot en question du profilé de collage.

Annexe: FORM 158

STRUCTURELE VERLIJMSPROJECTEN
VOLGENS ETAG 002

REYNAERS ALUMINIUM NV/SA
Oude Liersebaan 255 • B-2570 Duffel
t +32 15 38 86 90 • f +32 15 38 86 90
www.reynaers.com • info@reynaers.com



Gelieve dit document terug te sturen naar R&D van Reynaers Aluminium N.V. alsook uw bestelling naar onze Verkoopafdeling.

Projectnaam: _____
 Werfadres: _____
 Land: _____

Firma en contactpersoon: _____

Systeem	Profielen	Lengte	Aantal
☐ CW 50 – Top Hung	034.1116.17 SG	7m	
☐ CW 50 – Turn & Tilt	034.1116.17 SG	7m	
☐ CW 50-SG	034.1116.17 SG	7m	
☐ CW 50-SC	034.1116.17 SG	7m	
☐ CW 60	034.1116.17 SG	7m	
☐ CW 86	028.2030.17 SG	7m	
	028.2031.17 SG	7m	
	007.0161.17 SG	6m	
☐ CW 65-EF/SG	007.0220.17 SG	7m	
	007.0230.17 SG	7m	

Oppervlakte project: _____ m²
 Max. paneelafmetingen: Breedte x Hoogte: _____ x _____ mm
 Glassamenstelling: Binnenblad _____ mm x Spouw _____ mm x Buitenblad _____ mm
 Piek winddruk: _____ Pa (ontwerpbelasting, terugkeerperiode van 10 jaar, incl. locale drukparameters)

Hoekdetails: ☐ Ja → ☐ Oplossing volgens catalogoog
☐ Specifieke oplossing → tekening bijgevoegd
☐ Nee

Gebogen gevel: ☐ Ja → Hoek tussen 2 facetten = _____ °
☐ Nee

Verticale gevel: ☐ Ja
☐ Nee → Hoek β ten opzichte van het verticale vlak = _____ °

Tekeningen: _____ doorsneden/aanzichten/grondplannen in bijlage

Verlijmingsfirma: _____
 Adres: _____

Goedgekeuringsnummer voor Structurele Verlijming volgens ETAG, gegeven door Genotificeerde instantie: _____

Silicone leverancier: _____ Type _____
 Verlijmingsfirma goedgekeurd door silicone leverancier: ☐ Ja ☐ Nee

TECHNISCHE GOEDKEURING

In te vullen door R&D van Reynaers Aluminium DUFFEL, na beoordeling van project

Aantal	Profielen	Batch	Print	Kleur profielen	Rapport

Datum: _____ Door: _____

Form: FORM 158 Date: 10/01/11 Printed on: maandag 25 november 2013 Version: 6.0 1/2

PROCESSING DATA

I. GENERAL

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

II. PROCESSING DATA CURTAIN WALL 86/ 86-EF

Construction

A curtain wall can be constructed in two different ways :

* As mullion-transoms

Assembly on the building site of suspension profiles and transoms by means of T-brackets. Transoms are assembled in the same level as the vertical suspension profiles by means of T- or L-shaped connection pieces. Sealing of mullion-transom connections is done with elastic silicones. Filling elements are assembled on the building site.

* As completely finished unitised systems

The assembly of suspension profiles and transoms into a frame is done in the workshop. This frame is called 'main frame'. On this main frame we fix filling elements. This frame is called 'glass frame'.

The assembly of glass frames on the main frame can be done in the workshop or on the building site.

As a special application, it is also possible to assemble fixed filling elements directly in the main frame. The inner and outer aspect of this adjusted main frame is identical, except for the seal gasket of the glass frames.

Finally the different main frames are connected by means of 3 wind- and watertight gaskets continuing in the corners.

II.1 FABRICATING PRESCRIPTIONS

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

II.1.1 Metal-removing operations

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

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

Position/clamping of the profiles during cutting :

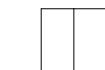
The position of the profiles on the sawing table during cutting is very important and is the basis for obtaining perfect mitres and saw cuts after assembly of a window or door.

The largest pressure must always be applied on the reference side of the profiles. This reference side should be placed perfectly horizontal or vertical on the sawing table.

Clamping blocks are to be used :

- a. to ensure that tolerances on the profiles do not influence the quality of the mitre;
- b. to ensure that the profiles do not twist on the table.

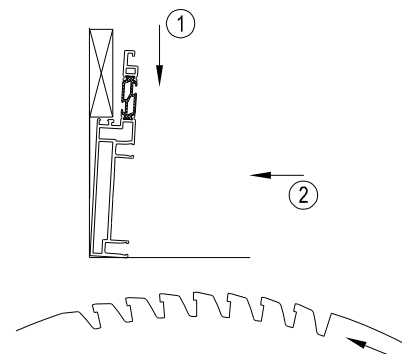
Reference side ->



<- Reference side

INCORRECT CLAMPING

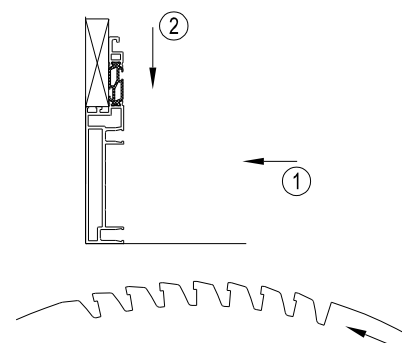
- FAULT:** The clamping pressure is on the upper side of the profile, allowing it to twist during cutting.
- CONSEQUENCE:** An oblique saw cut resulting in the outside of the profile being shorter than the inside.
- RESULT:** On assembly, the corner is closed on the inside and open on the outside.



CORRECT CLAMPING

Here, the clamping pressure is on the rebate side of the profile, and the visible side undergoes a smaller, secondary pressure. The profile is prevented from twisting or deforming during cutting. A perfect joint is obtained on assembly.

Remark: It is recommended to exhaust the swarf during the cutting.



II.1.2 Assembly

We make the following subdivision during assembly :

1. Corner connections
2. T-brackets and cross sections
3. Drainage and recesses for accessories
4. Gaskets.

1.2.1 Corner connections

Steps:

- a. Correct sawing.
- b. Protection of the saw cuts by:
 - deburring (if necessary);
 - removing dust and saw dust on the saw cut and in the profile chamber;
 - degreasing (Degreaser art.no. 086.9182.--);
 - applying anti-corrosion product (Anticorro art.no. 086.9610.--); drying time: about 1 hour.
- c. Sealing: applying a neutral elastic sealing agent on the saw cuts.
- d. Gluing: applying an approved sealing glue (glue for corner connection Körapur art.no. 084.9069.--):
 - in the profile chambers for corner connections.
- e. Making the connection: the corner cleats can be inserted and the mechanical corner connection can be made by crimping.
- f. The adhesive residue on the visible sides of the completed elements has to be removed by means of a non-aggressive product (Reynaclean art.no. 086.9203.--).

1.2.2 T-bracket of the supporting structure – main frames

Steps:

- a. Correct sawing, punching or drilling.
- b. Protection of the saw cuts by:
 - deburring (if necessary);
 - removing dust and saw dust on the saw cut and in the profile chamber;
 - degreasing (Degreaser art.no. 086.9182.--);
 - applying anti-corrosion product (Anticorro art.no. 086.9610.--); drying time: about 1 hour.
- c. Sealing: by means of an elastic sealing agent on the indicated spots.
- d. Make the connection and screw down.
- e. Remove excess sealing residue.

1.2.3 Drainage and decompression of glass frames, main frames and mullion-transoms

Steps :

- a. Correct sawing, drilling or milling.

b. Protection of the treated surfaces by :

- deburring (if necessary);
- removing dust and burrs;
- degreasing (Degreaser art.no. 086.9182.--);
- applying anti-corrosion product (Anticorro art.no. 086.9610.--); drying time: about 1 hour.

Special attention should be paid to the following regarding drainage / decompression :

- each glass frame is provided with drainage holes in accordance with the prescriptions indicated on page 69.F... – 69.F...
- drainage of the main frame in accordance with the prescriptions on page 69.F...
- drainage of mullion-transoms in accordance with the prescriptions on page 69.F...

1.2.4 Fitting of fixing pieces and glass frames

Glass frames are assembled on the main frames or mullion-transoms by means of hooking. Each glass frame is provided with at least 4 fixing points. The max. vertical distance between the hooking points is 1000mm.

Attention should be paid to the fixation of these hooking points on both main frame and glass frame for following reasons :

- all hooks should carry the entire load equally (self-weight and wind pressure)
- in case the hooking system is not perfectly placed this will certainly result in an irregular joint between the glass frames
- bad placed hooks will have a negative influence on air- and water tightness

The max. admissible tolerance on placement of the hooking system depends on the relation height/width and cannot exceed 1mm.

For curtain walls the main frame of which is a mullion-transom and the mullions of which are provided with an expansion joint, the hooking system of one glass frame cannot be placed above the expansion joint. After fitting, all glass frames must be protected against dehooking by means of a screw connection.

In case one opts for fitting of completely finished elements, all glass frames as well as filling elements must be protected against dehooking and moving during transport.

In case of any doubt, please contact Reynaers.

1.2.5 Gaskets

All gaskets are of EPDM resistant to weathering and ageing. They should be carefully applied to ensure the tightness of the curtain wall.

a. Applying the glazing gaskets

Steps:

1. Correct cutting: the glazing gasket should be cut with special gasket shears (art.no. 090.0121.00) and can be cut straight or mitred according to the kind of profile connection. Extra overhanging (about 10 mm per metre) is required.
2. Application of the gasket: the gaskets are applied in the appropriate grooves within the profiles; they should be cut slightly longer than is necessary to compensate for any shrinkage that may occur. Difficulties in applying the gasket can be solved by the use of silicone spray (art.no. 086.9551.--).
3. Gluing (sealing): in the corners, glazing gaskets should be glued with vulcanising agent (Unionzement art.no. 084.9108.04).

This vulcanising agent will remain elastic and because of this the gasket will also fit perfectly into the corners.

II.2 INSTALLATION

II.2.1. Fitting into the structural opening

The curtain wall element is fixed on the supporting structure by means of anchoring. Quantity, position and anchoring method must be so that forces applied on the curtain wall element can be transferred to the adjacent building structure. These forces can be: wind load, self-weight, application load, sun protection, installations for window-cleaners,...

Anchoring may under no condition influence the bearing power of the adjacent building parts. Anchoring or other fixations must be positioned and executed in such way that the construction cannot be loaded by the surrounding structure or be deformed.

Changes in the length, resulting from temperature fluctuations, must be allowed for.

Also, the allowed tolerances of the structural work must be compensated for by the curtain wall construction and anchoring without any water leakage or air infiltration.

Therefore the anchoring construction must offer enough adjusting possibilities in order to allow fitting during assembly.

Anchoring may under no condition hinder the good functioning of moveable parts and accessories.

Movements between the structural work and the curtain wall element may not cause any disturbing noise caused by the anchoring.

In certain cases, anchoring can cause a thermal bridge. In those cases it will be necessary to restrict the flow of heat as much as possible. The mechanical strength however must remain sufficient.

All anchoring, as far as they are not made of aluminium or stainless steel, should be adequately corrosion-protected and may not attack the aluminium themselves.

The max. admissible movements of the structural work at the height of the anchoring of the main frames depends on the height-width relation of the elements. Under no condition the nominal joint of 9mm at the inside between the main frames cannot be less than 5mm or more than 13mm in order to guarantee water and air tightness.

II.2.2. Fitting of the accessories

The choice of the fixing points, number of locking points, max. vent weight, max. vent sizes, applied vent weight, etc. depends on the instructions of the system supplier and the accessory producer.

Sliding and moving parts should be provided with neutral grease.

When fitting, please check whether all accessories can be operated easily and without getting jammed.

Because of the possibility to transport glazed elements to the building site, and in case one opts for this possibility, one should take care that vents with regard to the main frame cannot move during transport.

II.3 GLAZING

The CW 86-system is designed for glazing with EPDM gaskets.

The applied glazing system is the so-called pressure equalised glazing system.

This system allows a certain extent of water infiltration in the construction. The possible infiltrated water must be drained in a controlled way by the glass frames or the horizontal profiles of main frame or mullion-transom.

The following aspects are of major importance for this glazing system :

- the inner gasket must be air tight;
- the outer gasket must prevent water from infiltrating into the rebate. Therefore, one should overlap the gaskets in order to avoid openings in the corners.

Fixation of the glazing

Glass panels may not be in direct contact with the aluminium without application of glazing blocks and a gasket. In case of insulated glass, both glass plates must be equally supported.

The synthetic supporting blocks, supported at the bottom by an aluminium glass support, should transfer the glass weight on to the profiles and must be positioned according to the prescriptions of the glass supplier.

In order to restrict deflection of the suspension profile under the influence of the glass weight, we recommend to position the glass supports at the glass corners.

Glazing beads of glass frames are protected at least 1 time against declamping.

II.4 CW 86-STRUCTURAL GLAZING

II.4.1. Algemeen

The SG glass façade system is a fitting method to obtain completely flush curtain walls.

II.4.2. Order of the profiles

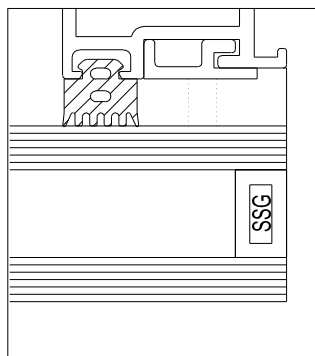
For each CW 86-SG, CW 86-EF/SG project the Technical Department of Reynaers Aluminium Duffel conducts an investigation on the basis of which an approval can be given for the delivery of the necessary glueing profiles. The basis of this investigation is a completed application form (Form 158 of digital request).

II.4.3. Structural glueing

a) Structural glueing : items to be observed

•Structural glue to be used = DC 993 or Dow Corning or Sika: SG500 or Tremco: VEC99 Proglaze II (or other silicones indicated in ETA).

The adherence tests and compatibility tests with surrounding materials described in the EOTA guide for structural glazing systems have only been performed for the structural glue DC 993/SG500/VEC 99/Proglaze II. For each new batch of glueing profile Dow Corning/Sika/Tremco performs accelerated adherence tests (so called peel tests). Based on the results of these tests, a glueing prescription for this particular lot of the glueing profile is drawn up (no. DC XXXXX), stating that the profiles have been approved for structural use. Note that this prescription only remains valid for 6 months. A renewal of the prescription can be obtained by having the abovementioned tests performed again after 6 months.



• Cleaner to be used for glueing profile 007.0161.17/ 028.2030.17/ 028.2031.17

Before applying the structural glue to the glueing profile, this profile has to be cleaned. The cleaner has the double function of degreaser and primer. The use of an extra primer is not necessary. This is of course also mentioned in the glueing prescription.

• Possible glazing types

The most current glazing types can be used in this system; We refer to the ETA for more precise information. For double glazing the glue DC 3362 or IG25 or Proglaze II or SS562, which is also structural glue, is preferably used for the hermetic joint between both glass plates. The solution with glueing on the outer glass plate and stepped glazing implies that the outer glass plate may not be fully hardened. For glass with increased breaking resistance only half hardened glass (durci) is suitable for the outer glass plate in this case. Glass plates with a coating on the side on which are glued, require in certain cases the removal of this coating at the height of the glue joint to guarantee sufficient long-lasting adhesion. For more information please contact the glass supplier and/or Dow Corning.

Min. glass thickness 27 Max. glass thickness 40.

The allowed glass compositions are also indicated in the technical approval (ETA).

• Support for self-weight

This system may only be used if there is support of both glass plates for self-weight, so that the glue joint is not submitted to a continuous shearing load under the influence of self-weight. In practice this means that at least half of the outer glass plate has to be supported. In case of laminated glazing at least half of the most outer glass plate has to be half supported: e.g. for laminated glazing type 44.2 with a total thickness of approximately 8.8 mm, at least 6.8 mm has to be supported. The PVB layers are indeed not developed to receive a continuous shearing load.

• Compatibility of the surrounding materials with the structural seal

All surrounding materials of the structural joint have to be compatible with the structural glue. The materials of the system shown in this catalogue, including the EPDM gaskets used, have of course been tested on their compatibility with the structural glue. However, if other materials are applied in the system, the required compatibility certificates must be shown when asked.

• Spacer

The gasket 080.9300.4, 080.9301.04, 080.9375.04 is used in this system as spacer between the glueing profile and the single glass. This gasket ensures consequently that the distance between the glass and the glueing profile is everywhere exactly the same (6.4 mm). The result is a constant thickness of the structural joint. As already mentioned above, this gasket has of course also been tested on its compatibility with the structural glue.

• Glass supports

Between the aluminium glass support and the glass a silicone block type colypro (colymit) with hardness of 70 to 80 SHORE A has to be fitted. These blocks are not included in the Reynaers range but most glueing companies keep them in stock. Their compatibility with the structural seal is also very important.

• Glueing companies

Glueing can only be done by glueing companies approved for structural glueing according to ETAG 002. Glueing between the glass sheet and the vent profile must be at right angles in order to guarantee the good functionality of the vent when opening and closing it.

b) Order glueing profile

For each project CW 86-SG, CW 86-EF/SG the technical department of Reynaers Aluminium Duffel has to conduct an investigation on the basis of which an approval can be given for the delivery of the necessary glueing profiles. The basis of this investigation is a completed application form 158 or digital request. This investigation can be split up into the following 3 parts:

• Checking the sizes of the structural joint

Based on the wind load (peak wind load with a returning period of 10 years), the element sizes and the glass composition, it is checked whether the standard height of the structural joint (= 21mm for profile 028.2030.17 / 028.2031.17 / and = 15.5mm for profile 007.0161.17) is sufficient to take up this wind load. It is also checked whether the thickness of the structural joint (standard 6.4 mm) is sufficient to cover the difference in thermal expansion between glass and aluminium.

Silicone supplier is also asked for confirmation of these calculations.

• Checking the element sizes

For opening parts it is checked whether the proposed element sizes and the element weight can be realised with the Friction stays in our product range. We also refer to the diagrams for permissible sizes further on in the catalogue. For fixed parts mainly a weight check is carried out (next to the control of the joint sizes themselves of course - see first item). If 2 glass supports with a width of 100 mm are used, which is compulsory, the total element weight has to remain restricted in function of friction stay, glass support and profile section. Finally it is checked whether, with the proposed glass composition, the outer glass plate is half supported.

These values are only valid in case the inner glass thickness is equal to or bigger than the outer glass thickness.

• Specific applications

For specific applications (angle details, curtain wall in facets, sloped curtain wall,...) the technical feasibility is checked in case the solution is different from the catalogue solution.

After approval of the project, the glueing prescription of Silicone supplier for the lot of glueing profile concerned is sent to the customer.

Exhibit: FORM 158

STRUCTURELE VERLIJMINGSPROJECTEN
VOLGENS ETAG 002

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R
REYNAERS
ALUMINIUM

Gefieve dit document terug te sturen naar R&D van Reynaers Aluminium N.V. alsook uw bestelling naar onze Verkoopafdeling.

Projectnaam: _____
Werfadres: _____
Land: _____

Firma en contactpersoon: _____

	Systeem	Profielen	Lengte	Aantal
☐	CW 50 – Top Hung	034.1116.17 SG	7m	
☐	CW 50 – Turn & Tilt	034.1116.17 SG	7m	
☐	CW 50-SG	034.1116.17 SG	7m	
☐	CW 50-SC	034.1116.17 SG	7m	
☐	CW 60	034.1116.17 SG	7m	
☐		028.2030.17 SG	7m	
☐	CW 86	028.2031.17 SG	7m	
☐		007.0161.17 SG	6m	
☐		007.0220.17 SG	7m	
☐	CW 65-EF/SG	007.0230.17 SG	7m	

Oppervlakte project: _____ m²
Max. paneelafmetingen: Breedte x Hoogte: _____ x _____ mm
Glassamenstelling: Binnenblad _____ mm x Spouw _____ mm x Buitenblad _____ mm
Piek winddruk: _____ Pa (ontwerpbelasting, terugkeerperiode van 10 jaar, incl. locale drukparameters)

Hoekdetails:
☐ Ja → ☐ Oplossing volgens catalogoog
☐ Specifieke oplossing → tekening bijgevoegd
☐ Nee

Gebogen gevel:
☐ Ja → Hoek tussen 2 facetten = _____ °
☐ Nee

Verticale gevel:
☐ Nee → Hoek β ten opzichte van het verticale vlak = _____ °

Tekeningen: _____ doorsneden/aanzichten/grondplannen in bijlage

Verlijmingsfirma: _____
Adres: _____

Goedkeuringsnummer voor Structurele Verlijming volgens ETAG, gegeven door Genotificeerde Instantie: _____

Silicone leverancier: _____ Type _____
Verlijmingsfirma goedgekeurd door silicone leverancier: ☐ Ja ☐ Nee

TECHNISCHE GOEDKEURING
In te vullen door R&D van Reynaers Aluminium DUFFEL, na beoordeling van project

Aantal	Profielen	Batch	Print	Kleur profielen	Rapport

Datum: _____ Door: _____

VERARBEITUNGSVORSCHRIFTEN

I. ALLGEMEIN

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

II. VERARBEITUNGSVORSCHRIFTEN CURTAIN WALL 86/ 86-EF

Aufbau

Die Fassade kann auf zwei verschiedene Arten aufgebaut werden.

- Als Pfosten-Riegel-Konstruktion

Die Pfosten- und Riegelprofile werden auf der Baustelle mit Hilfe von T-Verbindungen zusammengebaut.

Die integrierten Riegelprofile werden mit T- oder L-förmigen Verbindungselementen in derselben Ebene wie die Pfostenprofile montiert.

Abgedichtet wird die Pfosten-Riegel-Verbindung mit dauerelastischem Kitt.

Die Füllelemente werden auf der Baustelle montiert.

- Mit komplett fertigen Rahmenelementen

Die Pfosten- und Riegelprofile werden im Werk in Rahmenform zusammengebaut.

Diese Rahmen nennen wir Tragrahmen.

Auf diesen Tragrahmen werden die Elemente befestigt, in denen die Füllungen eingefasst sind.

Diese Rahmen nennen wir Glasrahmen.

Die Montage der Glasrahmen auf den Tragrahmen kann sowohl im Werk als auch auf der Baustelle vorgenommen werden.

Als Sonderanwendung ist es auch möglich, feste Füllelemente direkt in den Tragrahmen zu montieren. Bei diesem angepassten Tragrahmen sieht die Innen- und Außenseite bis auf die Anschlagdichtung der Glasrahmen gleich aus.

Die verschiedenen Tragrahmen werden mit drei umlaufenden Gummidichtungen wasser- und winddicht miteinander verbunden.

II.1 VERARBEITUNG

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

II.1.1 Spanende Bearbeitungen

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

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

Zur Profilbearbeitung geben wir folgende Hinweise:

- Die spanabhebenden Werkzeuge müssen für den Werkstoff geeignet und ausreichend scharf sein.

- Die Maschinendrehzahl muss auf den Werkstoff Aluminium abgestimmt sein.

- Die Profilaufgaben müssen sauber und spanfrei sein.

- Zur Verlängerung der Werkzeugstandzeiten können geeignete Gleitmittel, wie der Fettstift Reynalube

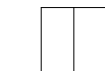
(Art.-Nr. 086.9191.--), das Reynaers-Schneidmittel (Art.-Nr. 086.9175.--) oder die von den Maschinenlieferanten vorgeschriebenen Kühl- und Schneidmittel eingesetzt werden. Diese Kühl- und Schneidmittel müssen chemisch neutrale Produkte sein, die die Oberfläche nicht angreifen.

Zuschnitt:

Der Auflage-/Säge-Tisch sollte eine glatte und ebene Auflagefläche bieten. Der dahinterliegende Anschlag sollte exakt im Winkel von 90° positioniert sein. Auf dem Maschinentisch sollen keine Verunreinigungen, wie Sägespäne oder Kleberreste vorhanden sein. Eine Fixierung der Profile erfolgt mittels Hand- oder pneumatischer Spannzylinder, welche von oben und von vorne auf das Profil wirken.

Ein Verdrehen der Profile während des Sägevorganges ist durch den Einsatz von Schneidzulagen zu verhindern.

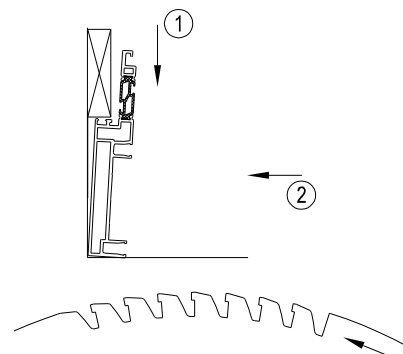
Bezugsseite ->



-> Bezugsseite

FALSCH EINSpanNUNG

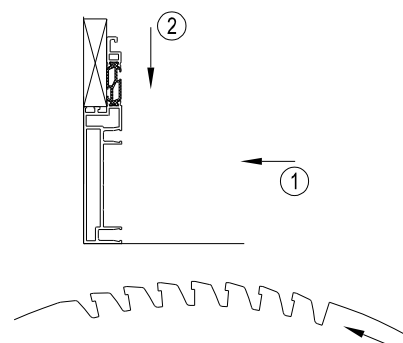
- FEHLER:** Da der Hauptdruck der Spannvorrichtung auf die Falzseite des zu sägenden Profils einwirkt, verdreht sich das Werkstück.
- FOLGE:** Schiefer Sägeschnitt. Die Außenseite des Profils ist länger als die Innenseite.
- ERGEBNIS:** Beim Verpressen der Profile ist die Gehrung an der Innenseite dicht, steht aber an der Außenseite offen.



RICHTIGES SPANNEN

Der Hauptdruck der Spannvorrichtung wirkt ein auf die gesamte Fläche. Die Falzseite wird durch eine zweite Spannvorrichtung mit geringerer Kraft gehalten.

Durch diese korrekte Einspannung kann sich das Profil beim Sägevorgang nicht verdrehen. Die Gehrung wird in der Eckverbindermaschine in der gleichen Art und Weise fixiert, so dass eine exakte Verbindung erreicht wird.



Anmerkung:

Es empfiehlt sich die Späne während des Sägevorganges abzusaugen.

II.1.2 Profilverbindungen und deren Verarbeitung

In den Reynaers-Katalogen wird nach 4 Verarbeitungsschritten unterschieden :

1. Eckverbindungen;
2. Kleuzverbindung;
3. Entwässerung und Vorbereitung führt den Beschlageinbau;
4. Dichtungen.

1.2.1 Eckverbindungen

Verfahrensweise :

- a) Zuschneiden.
- b) Schutz der Schnittkanten:
 - Entgraten (falls erforderlich).
 - Schnittfläche und Profilkammern von Staub und Sägeresten säubern.
 - Entfetten der Profile (Degreaser Art.-Nr. 086.9182.--).
 - Korrosionsschutzprodukt (Antikorro Art.-Nr. 086.9610.--) aufbringen; Trockenzeit: ca. 1 Stunde.
- c) Abdichtung: die Schnittflächen mit einer neutralen Dichtungsmasse versehen.
- d) Klebereinsatz: Zweikomponentenkleber (z.B. Körapur Art.-Nr. 084.9069.--) einbringen:
 - in allen Profilkammern Eckverbinders;
- e) Verbinden: die Verbindung der Profilstücke kann durch verpressen der Eckwinkel vorgenommen werden.
- f) Ausgetretener Kleber oder Dichtungsmittelreste müssen von den Sichtseiten entfernt werden (Reynaclean Art.-Nr. 086.9203.--).

1.2.2 T-Verbinder der Tragstruktur

Verfahrensweise:

- a) Zuschneiden, stanzen oder bohren.
- b) Schutz der Schnittkanten:
 - Entgraten (falls erforderlich).
 - Schnittfläche und Profilkammern von Staub und Sägeresten säubern.
 - Entfetten der Profile (Degreaser Art.-Nr. 086.9181.--).
 - Korrosionsschutzprodukt (Antikorro Art.-Nr. 086.9610.--) aufbringen; Trockenzeit: ca. 1 Stunde.

- c) Abdichtung: die Schnittflächen mit einer neutralen Dichtungsmasse versehen.
- d) Verbinden und festschrauben.
- f) Ausgetretener Kleber oder Dichtungsmittelreste entfernen.

1.2.3 Entwässerung und Entlüftung der verglasten Rahmen, Tragrahmen und Pfosten-Riegel

Verfahrensweise:

- a) Stanzen, bohren oder fräsen.
- b) Schutz der Schnittkanten:
 - Entgraten (falls erforderlich).
 - Schnittfläche und Profilkammern von Staub und Sägeresten säubern.
 - Entfetten der Profile (Degreaser Art.-Nr. 086.9182.--).
 - Korrosionsschutzprodukt (Antikorro Art.-Nr. 086.9609.--) aufbringen; Trockenzeit: ca. 1 Stunde.

Insbesondere ist auf folgendes zu achten:

- Alle Rahmenkonstruktionen müssen im Solbankbereich bzw. an den horizontalen T-Profilen mit entsprechenden Ausnehmungen versehen werden – siehe Seiten 69.F... – 69.F...
- Entwässerung des Tragrahmens gemäß den Richtlinien auf der Seite 69.F...
- Entwässerung des Pfosten-Riegels gemäß den Richtlinien auf der Seite 69.F...

1.2.4 Einbau Befestigungsstücke und Glasrahmen

Die Glasrahmen werden mit einem Einhängesystem in die Tragrahmen oder in die Pfosten-Riegel-Fassade eingebaut.

Für jeden Glasrahmen sind mindestens vier Befestigungspunkte vorzusehen.

Der vertikale Abstand zwischen den Einhängepunkten beträgt maximal 1 000 mm.

Die Befestigung dieser Einhängepunkte muss sowohl auf dem Tragrahmen als auch auf dem Glasrahmen mit der erforderlichen Sorgfalt durchgeführt werden, denn:

- alle Haken müssen gleichmäßig verteilt alle Lasten aufnehmen (Eigengewicht und Windlast),
- wenn das Einhängesystem nicht perfekt angebracht wird, entsteht eine unregelmäßige Fuge zwischen den einzelnen Glasrahmen,
- die Luft- und Wasserdichtheit wird durch schlecht angeordnete Haken negativ beeinflusst.

Die maximal zulässige Toleranz bei der Ausführung des Einhängesystems hängt vom Verhältnis der Höhe der Glasrahmen zu ihrer Breite ab, darf jedoch nie mehr als 1 mm betragen.

Bei Fassaden mit einer Pfosten-Riegel-Konstruktion als Tragwerk, bei denen eine Dehnfuge in den Pfosten vorgesehen ist, darf der Haken eines Glasrahmens nicht über der Dehnfuge angeordnet werden.

Alle Glasrahmen müssen nach der Anbringung mit einer Schraubverbindung gegen Aushaken gesichert werden.

Sollen komplett fertige Elemente montiert werden, müssen sowohl die Glasrahmen als auch die Füllelemente speziell gegen Aushaken und Bewegung während des Transports gesichert werden.

Sollten Sie den geringsten Zweifel hegen, wenden Sie sich bitte für weitere Auskünfte an Reynaers.

1.2.5 Dichtungen

Alle angebotenen Dichtungsprofile bestehen aus EPDM mit einer hohen Alterungs- und Witterungsbeständigkeit.

Die Verarbeitung der Dichtungen hat sorgfältig und entsprechend den folgenden Hinweisen zu erfolgen:

a. Einbringen der Verglasungsdichtungen

Verfahrensweise :

1. Korrekt zuschneiden; die Mitteldichtung soll mit einer speziellen Schere (Art.-Nr. 090.0121.00) gemacht werden. Um ein Schrumpfen der Dichtungen zu vermeiden, sind diese je lfdm. ca. 10 mm länger zuzuschneiden.
2. Das Einbringen der Dichtung erfolgt in die vorgesehenen Dichtungsaufnahmen. Die Verarbeitung wird durch gerade Zuschnitte erleichtert. Die Verbindung dieser EPDM-Profile erfolgt wie vor beschrieben. Durch die Anwendung des Silikonssprays (Art.-Nr. 086.9551.--) wird das Einbringen der Dichtungen erleichtert.
3. Verleimen (Abdichten): Die Dichtungsecken oder –Stöße sollen grundsätzlich mit einem Vulkanisierkleber (Art.-Nr. 084.9108.-- Unionzement) verklebt werden. Der Einsatz dieses Klebers verhindert das Aushärten der Dichtungen im Stossbereich.

II.2 MONTAGE

II.2.1. Befestigung am Baukörper

Das Fassadenelement wird mit Verankerungen mit dem tragenden Rohbau verbunden. Anzahl, Anordnung und Art der Verankerung müssen so gewählt werden, dass die Kräfte, die auf das Fassadenelement wirken, gut auf die benachbarten baulichen Anlagen übertragen werden können. Diese Kräfte können unter anderem sein: Windlast, Eigengewicht, Gebrauchslasten, Sonnenschutz, Fensterputzanlagen usw. Die Verankerung darf die Tragfähigkeit angrenzender Bauelemente nicht beeinträchtigen. Die Anordnung und die Ausführung der Anker oder anderer Befestigungsmittel muss so erfolgen, dass das Element nicht durch bauliche Anlagen belastet werden kann und nicht verformt wird.

Längenveränderungen, die durch Temperaturschwankungen bedingt sind, müssen ungehindert möglich sein. Auch die zulässigen Toleranzen des Rohbaus müssen von der Fassadenkonstruktion und den Verankerungen aufgenommen

werden können, ohne dass Feuchtigkeit eindringt oder es zu einer zu hohen Luftinfiltration kommt. Die Verankerungskonstruktion muss deshalb genügend Einstellmöglichkeiten bieten, damit sie während der Montage eingepasst werden kann. Die Verankerungen dürfen ferner die Funktionstüchtigkeit der beweglichen Elemente sowie der Beschläge nicht beeinträchtigen. Bewegungen zwischen Rohbau und Fassadenelementen dürfen nicht dazu führen, dass von den Verankerungen störende Geräusche verursacht werden.

Bisweilen können Verankerungen Kältebrücken bilden. Dann muss der Wärmefluss so weit wie möglich eingeschränkt werden. Dabei ist sicherzustellen, dass die mechanische Festigkeit ausreichend hoch ist. Alle Verankerungen müssen – sofern nicht aus Aluminium oder Edelstahl – ausreichend vor Korrosion geschützt werden und dürfen auch das Aluminium nicht angreifen.

Die maximal zulässigen Bewegungen des Rohbaus gegenüber den Verankerungen der Tragrahmen hängen vom Verhältnis der Höhe der Elemente zu ihrer Breite ab.

Auf jeden Fall darf die Fuge mit der Nennbreite 9 mm an der Innenseite zwischen den Tragrahmen nie kleiner als 5 mm oder größer als 13 mm werden, damit die Wasser- und Luftdichtheit garantiert werden kann.

II.2.2. Einbau der Beschläge

Die Auswahl der Beschläge hat entsprechend den Vorgaben des Systemlieferanten bzw. des Herstellers der Beschläge zu erfolgen. Die hier angegebenen Werte bzgl. der max. Flügelabmessungen, des max. Flügelgewichtes, der Anzahl der Verschlusspunkte und der Anzahl der Türbänder sind einzuhalten. Bewegliche Teile sind, entsprechend den Angaben des Beschlagherstellers, mit säurefreiem Fett zu versehen. Eine Funktionsprüfung der Beschläge ist nach erfolgter Fertigung und Montage unerlässlich.

Wo die Möglichkeit besteht, die Elemente verglast auf die Baustelle zu fahren, und diese Option gewählt wird, muss dafür gesorgt werden, dass sich die Flügel während des Transports nicht im Tragrahmen bewegen können.

II.3 VERGLASUNG

Das System CW86 wurde für die Verglasung mit EPDM-Dichtungen konzipiert.

Bei dem verwendeten Verglasungssystem handelt es sich um ein so genanntes Druckausgleichssystem.

Bei diesem System ist der Eintritt von Wasser in die Konstruktion in einem gewissen Rahmen zulässig. Eventuell eingedrungenes Wasser muss über die Glasrahmen oder die horizontalen Profile des Tragrahmens bzw. der Pfosten-Riegel-Konstruktion kontrolliert nach außen abgeleitet werden.

Folgende Aspekte sind bei dieser Art der Verglasung sehr wichtig:

- Die Innendichtung muss so luftdicht wie möglich sein.
- Die Außendichtung muss so ausgeführt werden, dass möglichst kein Wasser in den Anschlag eindringt. Dazu müssen die Dichtungen gestaucht werden, so dass vermieden wird, dass nachträglich Öffnungen in den Ecken entstehen.

Befestigung der Verglasung

Kein Glaselement darf direkt mit dem Aluminium oder einem anderen Metall in Berührung kommen, ohne dass Glasauflagen und eine Gummidichtung dazwischen liegen.

Bei Isolierglas müssen beide Glasscheiben gleichmäßig abgestützt werden.

Die Kunststoffauflagen sollen das Gewicht des Glases auf die Profile übertragen und müssen nach den Vorschriften des Glaslieferanten verwendet werden.

Um das Durchbiegen des tragenden Profils unter dem Einfluss des Glasgewichts zu beschränken, empfehlen wir, die Glasauflagen so nahe wie möglich an den Glasecken anzuordnen.

Die Glasleisten der Glasrahmen werden bei jedem Profil mindestens einmal mechanisch gegen Aushängen gesichert.

II.4 CW 86-STRUCTURAL GLAZING

II.4.1. Allgemein

Dieses Glas Fassaden system-SG System ist eine Aufstellungsweise für die Anfertigung von vollständig ebenen Dächern und Fassaden.

II.4.2. Bestellung Profile

Für jedes CW86-SG, CW86-EF/SG Objekt führt die technische Abteilung von Reynaers Aluminium Duffel eine Untersuchung durch. Auf dieser Grundlage kann eine Genehmigung für die Lieferung der notwendigen Profile erteilt werden. Diese Untersuchung stützt sich auf ein ausgefülltes Antragsformular (Typ Form 158 oder digitale Anwendung).

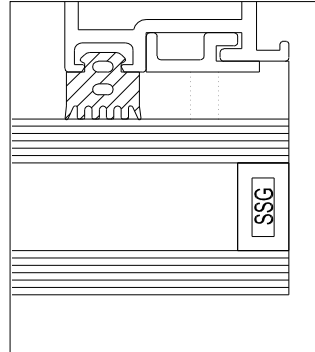
II.4.3. Strukturelle Verklebung

a) Strukturelle Verklebung: zu berücksichtigen Punkte

- Struktureller Klebstoff zu benutzen = DC 993 vom Dow Corning oder Sika: SG500 oder Tremco: VEC 99 Proglaze II (oder andere Silikonen angegeben in ETA)

Nur für den strukturellen Klebstoff DC 993 /SG500/VEC 99/Proglaze II sind die im EOTA-Führer für strukturelle Verglasungssysteme Beschriebenen Adhäsionsprüfungen und Vereinbarkeitsprüfungen mit den umliegenden Materialien

ausgeführt. Für jede neue Partie von Verklebungsprofil werden bei Dow Corning / Sika / Tremco beschleunigte Adhäsionsprüfungen (sogenannte "Peeltests"), genauso wie die Anoprfungen ausgeführt. Auf der Grundlage der Ergebnisse dieser Prüfungen wird eine Verklebungsvorschrift für diese Partie des Verklebungsprofils aufgestellt (Nr. DC XXXXX), in der gemeldet wird, dass die Profile für strukturelle Benutzung genehmigt sind. Es ist wichtig zu bemerken, dass diese Vorschrift nur 6 Monate gültig ist. Eine Erneuerung der Vorschrift kann bekommen werden wenn man nach 6 Monaten die obigen Tests aufs Neue ausführen lässt.



• Reinigungsmittel zu benutzen für Verklebungsprofil 007.0161.17 / 028.2030.17 / 028.2031.17

Vor dem Anbringen des strukturellen Klebstoffs auf das Verklebungsprofil muss dieses Profil gereinigt werden. Das Reinigungsmittel dient sowohl als Entfettungsmittel als auch als Primer. Die Anwendung eines zusätzlichen Primers ist nicht notwendig. Das steht selbstverständlich auch in der Verklebungsvorschrift angegeben.

• Mögliche Verglasungen

Die meist üblichen Verglasungen können in diesem System eingesetzt werden; ETA kann hierüber Aufschluss geben. Für Doppelverglasung ist der zu benutzen Klebstoff für die hermetische Fuge zwischen beiden Glasplatten bevorzugt DC 3362 oder IG25 oder Proglaze II oder SS562, auch ein struktureller Klebstoff. Bei der Lösung mit Verklebung auf dem äußeren Glasblatt und Stufenglas darf die äußere Glasplatte nicht völlig erhärtet sein. Für Glas mit erhöhtem Bruchwiderstand kommt in diesem Fall für die äußere Glasplatte nur halberhärtetes Glas (durci) in Betracht. Für Glasplatten mit einem Coating auf Seite 2 (die Seite auf der geklebt wird) ist es notwendig in bestimmten Fällen dieses Coating auf der Höhe der Leimfuge zu entfernen um eine genügende Haftung in der Zeit zu garantieren. Mehr Information hierüber können Sie beim Glaslieferanten und/oder bei Dow Corning bekommen.

Min. Glasdicke 24

Max. Glasdicke 36.

Die zugelassenen Glaszusammensetzungen sind ebenso in der technischen Genehmigung angegeben (ETA).

• Unterstützung für Eigengewicht

Dieses System darf nur eingesetzt werden unter der Bedingung, dass beide Glasplatten für Eigengewicht unterstützt sind, so dass die Leimfuge nicht einer kontinuierlichen Scherbelastung unter Einfluss des Eigengewichtes ausgesetzt ist. Konkret heißt das, dass mindestens die Hälfte der äußeren Glasplatte unterstützt sein muss. Im Fall von geschichteter Verglasung muss mindestens die Hälfte der meist äußeren Glasplatte halb unterstützt sein: z.B. für geschichtete Verglasung Typ 44.2 mit einer Gesamtdicke von ungefähr 8,8 mm muss mindestens 6,8 mm unterstützt sein. Die PVB Schichten sind doch nicht entwickelt um eine kontinuierliche Scherbelastung aufzufangen.

• Vereinbarkeit umliegende Materialien mit dem strukturellen Klebstoff

Alle umringenden Materialien der strukturellen Fuge müssen mit dem strukturellen Klebstoff vereinbar sein. Die Materialien des Systems wie in diesem Katalog beschrieben, sind selbstverständlich auf ihre Vereinbarkeit mit dem strukturellen Klebstoff DC 993 getestet, auch die benutzten EPDM-Dichtungen.

Wenn aber andere Materialien im System eingesetzt werden, müssen die notwendigen Vereinbarkeitszeugnisse vorgelegt werden können.

• Distanzstück

Die Dichtung 080.9300.4, 080.9301.04, 080.9375.04 wird in diesem System als Distanzstück zwischen dem Verklebungsprofil und dem Glas eingesetzt. Diese Dichtung versichert folglich, dass das Glas überall genau ebenso weit vom Verklebungsprofil entfernt ist (6,4 mm). Die Dicke der strukturellen Fuge ist folglich konstant. Wie oben schon gemeldet, ist selbstverständlich auch diese Dichtung auf Vereinbarkeit mit dem strukturellen Klebstoff getestet.

• Glasauflagen

Zwischen die Aluminium-Glasauflage und das Glas muss ein Silikonklotz Type colypro (colimit) mit einer Härte von 70 bis 80 SHORE A montiert werden. Diese Klötze sind nicht in der Reynaers-Produktpalette anwesend aber bei den meisten Verklebungsfirmen sind sie aus Vorrat lieferbar. Wichtig ist, dass auch diese mit dem strukturellen Klebstoff vereinbar sind.

• Verklebingsfirmen

Die Verleimung darf nur ausgeführt werden von Verleimen die für die strukturelle Verleimung gemäß ETAG 002 genehmigt wurden.

Die Verleimung zwischen der Glasplatte und dem Flügel soll perfekt rechtwinklich gemacht werden damit die Funktionalität beim Öffnen und Schließen des Flügels zu versichern.

b) Bestellung Verklebungsprofile

Für jedes Objekt, für das das Profil CW 86-SG / CW 86-EF angewandt wird, führt die technische Abteilung von Reynaers Aluminium Duffel eine Untersuchung durch. Auf dieser Grundlage kann eine Genehmigung erteilt werden, die für die Lieferung der Verklebungsprofile notwendig ist. Diese Untersuchung stützt sich auf ein vollständig ausgefülltes Antragsformular (Typ Form 158 oder digitale Anwendung). Diese Untersuchung kann in folgende 3 Teile aufgeteilt werden.

• Kontrolle Abmessungen strukturelle Fuge

Auf der Grundlage der Windbelastung (Höchstwindbelastung mit Rückkehrperiode von 10 Jahren), der Elementabmessungen und der Glaszusammensetzung wird geprüft, ob die klassische Höhe der strukturellen Fuge (= 21mm für profil 028.2030.17 / 028.2031.17 et =15.5mm für profil 007.0161.17) reicht um diese Windbelastung aufzufangen. Weiter muss auch kontrolliert werden, ob die Dicke der strukturellen Fuge (klassisch 6,4 mm) reicht um den Unterschied in Wärmeausdehnung zwischen Glas und Aluminium aufzufangen. Auch wird bei verklebungsfirma eine Bestätigung dieser Berechnungen gefragt.

• Kontrolle Elementabmessungen

Für aufgehende Teile wird geprüft, ob die vorgeschlagenen Elementabmessungen und das Elementgewicht realisiert werden können mit den Scheren in unserer Produktpalette. Wir beziehen uns hierfür auch auf die Diagramme für zulässige Abmessungen weiter im Katalog. Für feste Teile wird hauptsächlich eine Gewichtskontrolle ausgeführt (neben selbstverständlich der Kontrolle der Fugenabmessungen selbst - siehe ersten Punkt). Bei Einsetzung von 2 Glasauflagen mit einer Breite von 100 mm, was verpflichtet ist, muss das gesamte Elementgewicht in Abhängigkeit von ausstellscheren, glasauflageprofil, profil durch schnitt beschränkt bleiben.

Schließlich wird noch geprüft, ob mit der vorgeschlagenen Glaszusammensetzung die äußere Glasplatte halb unterstützt ist.

Diese Werte sind nur gültig wenn die innere Glasscheibe gleich dick oder dicker als die äußere Glasscheibe ist.

• Spezifische Anwendungen

Für spezifische Anwendungen (Eckdetaillierung, Fassade in Facetten, Fassade unter Neigung,...) wird bei einer Lösung die von der Kataloglösung abweicht, die technische Machbarkeit untersucht.

Nach Genehmigung des Objektes wird für die betreffende Partie vom Verklebungsprofil die Verklebungsvorschrift von verklebungsfirma zur Kunde geschickt.

Anlage: FORM 158

STRUCTURELE VERLIJMINGSPROJECTEN
VOLGENS ETAG 002

REYNAERS ALUMINIUM NV/SA
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 www.reynaers.com • info@reynaers.com



Gelieve dit document terug te sturen naar R&D van Reynaers Aluminium N.V. alsook uw bestelling naar onze Verkoopafdeling.

Projectnaam: _____
 Werfadres: _____
 Land: _____
 Firma en contactpersoon: _____

Systeem	Profielen	Lengte	Aantal
☐ CW 50 – Top Hung	034.1116.17 SG	7m	
☐ CW 50 – Turn & Tilt	034.1116.17 SG	7m	
☐ CW 50-SG	034.1116.17 SG	7m	
☐ CW 50-SC	034.1116.17 SG	7m	
☐ CW 60	034.1116.17 SG	7m	
☐ CW 86	028.2030.17 SG	7m	
	028.2031.17 SG	7m	
	007.0161.17 SG	6m	
☐ CW 65-EF/SG	007.0220.17 SG	7m	
	007.0230.17 SG	7m	

Oppervlakte project: _____ m²
 Max. paneelafmetingen: Breedte x Hoogte: _____ x _____ mm
 Glasamenstelling: Binnenblad _____ mm x Spouw _____ mm x Buitenblad _____ mm
 Peik winddruk: _____ Pa (ontwerpbelasting, terugkeerperiode van 10 jaar, incl. locale drukparameters)

Hoekdetails: ☐ Ja → ☐ Oplossing volgens catalogoog
☐ Specifieke oplossing → tekening bijgevoegd
☐ Nee

Gebogen gevel: ☐ Ja → Hoek tussen 2 facetten = _____°
☐ Nee

Verticale gevel: ☐ Ja
☐ Nee → Hoek β ten opzichte van het verticale vlak = _____°

Tekeningen: _____ doorsneden/aanzichten/grondplannen in bijlage

Verlijmingsfirma: _____
 Adres: _____

Goedkeuringsnummer voor Structurele Verlijming volgens ETAG, gegeven door Genotificeerde Instantie: _____

Silicone leverancier: _____ Type _____
 Verlijmingsfirma goedgekeurd door silicone leverancier: ☐ Ja ☐ Nee

TECHNISCHE GOEDKEURING

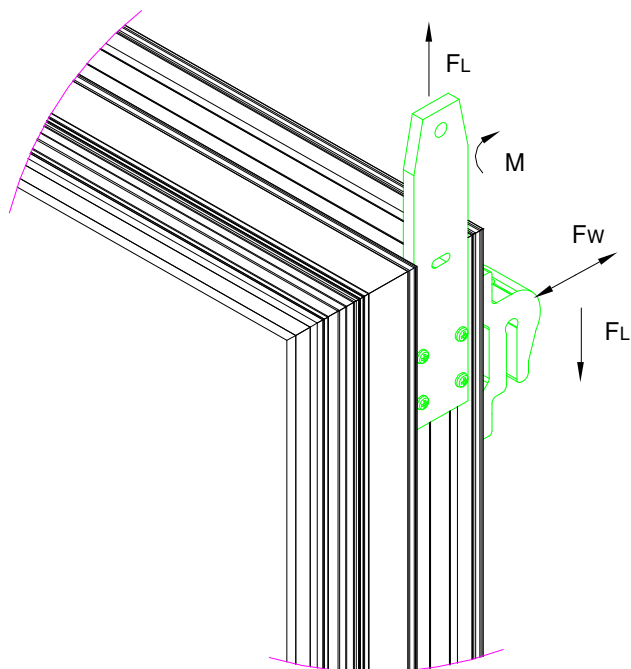
In te vullen door R&D van Reynaers Aluminium DUFFEL, na beoordeling van project

Aantal	Profielen	Batch	Print	Kleur prof.afdelen	Rapport

Datum: _____ Door: _____

III. TECHNICAL INFORMATION

III.1 Fw, FL, FL max, M max VALUES



ANCORING:

WEIGHT BRACKET 056.6350.00:

Fw max = 7000 N

FL max = 3000 N

WIND BRACKETS 056.6351.00:

Fw max = 7000 N

LIFTING / FRAME CONNECTION:

CONNECTION PIECE 056.6360.00

FL max = 3000 N

M max = 950 KNmm

III.2 Uf VALUES

Please contact your local Reynaers office to receive the latest version of CW 50 UF values.

CW 50

VERWERKINGSVOORSCHRIFTEN
PRESCRIPTIONS DE MISE EN OEUVRE
PROCESSING DATA
VERARBEITUNGSVORSCHRIFTEN



III.2 Uf VALUES

III.2.1. WITHOUT SCREWS

U _f [W/(m ² K)]		CW 50												Updated*
EN 10077-2 / 12631														07/09/2015
	Suspension profiles U _{in}	034.2500	034.2501	034.2502	034.2503	034.2504	034.2505	034.2506	034.2507	034.2508	034.2509	034.2510	034.1913	
	Fixed glazing Glass thickness (mm)	pressure plate and face cap: 034.0534 + 034.0538												
	24	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.3	
	28	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	
	32	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	
	44	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	
	Transom profiles U _{in}	034.3021	034.3022	034.3023	034.3024	034.3025	034.3026	034.3027	034.3028	034.3029				
	Fixed glazing Glass thickness (mm)	pressure plate and face cap: 034.0535 + 034.0537												
	24	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1				
	28	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9				
	32	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7				
	44	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3				

* Check for details at the last page "Updates"

These U_f values have been calculated according to the component assessment method from EN 12631:2012.

Influence of the screws can be taken into account by adding ΔU=0.3W/m²K, according to paragraph 6.3.4 of EN 12631:2012.

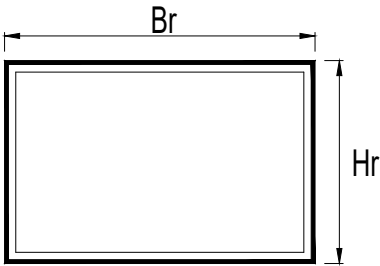
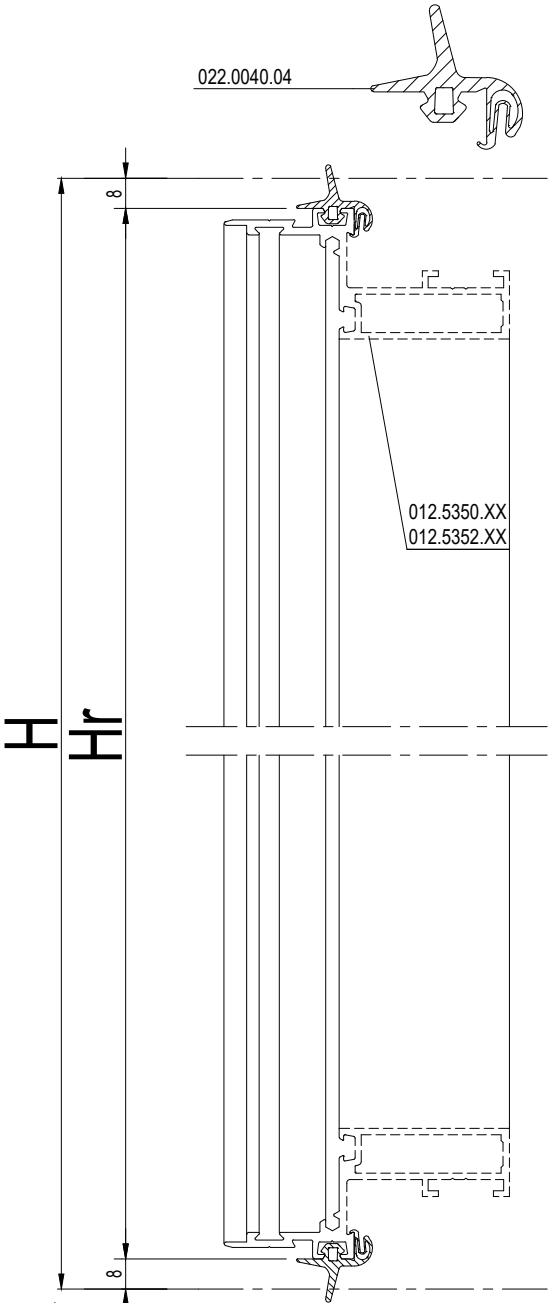
U _f [W/(m ² K)]		CW 50-SL												Updated*
EN 10077-2 / 12631														07/09/2015
	Suspension profiles U _{in}	034.1306	034.1307											
	Fixed glazing Glass thickness (mm)	pressure plate, face cap, insulator and gasket: 034.0534 + 034.0544 + 034.0570 + 080.9523												
	24	2.2	2.2											
	28	2.0	2.0											
	32	1.8	1.8											
	44	1.3	1.4											
	Transom profiles U _{in}	034.1320	034.1325	034.1327										
	Fixed glazing Glass thickness (mm)	pressure plate, face cap, insulator and sealing tape: 034.0535 + 034.0536 + 034.0570 + 080.9523												
	24	2.0	2.0	2.1										
	28	1.8	1.8	1.9										
	32	1.6	1.7	1.7										
	44	1.2	1.3	1.3										

* Check for details at the last page "Updates"

These U_f values have been calculated according to the component assessment method from EN 12631:2012.

Influence of the screws can be taken into account by adding ΔU=0.3W/m²K, according to paragraph 6.3.4 of EN 12631:2012.

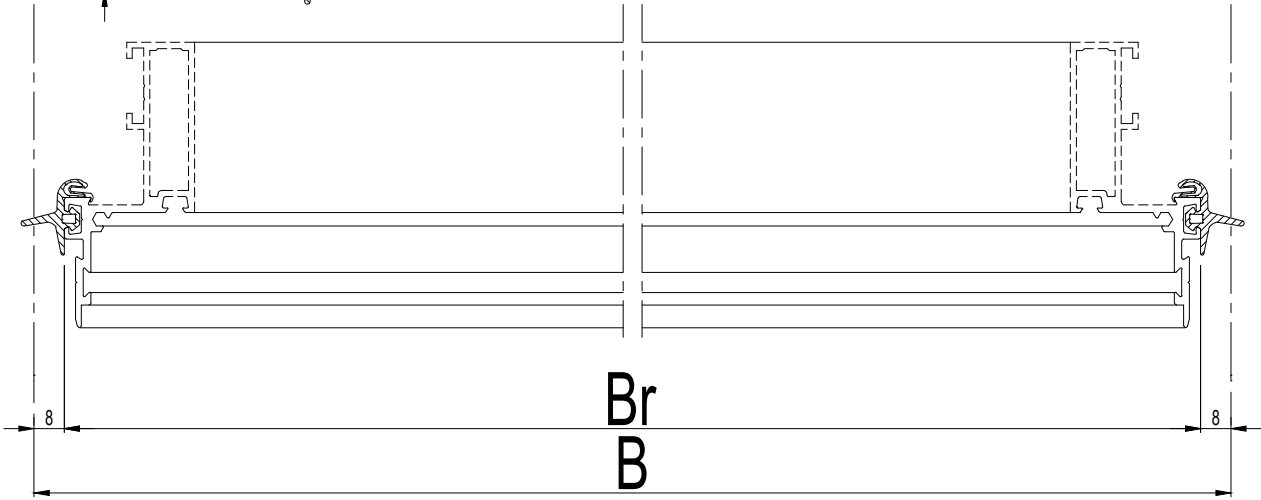
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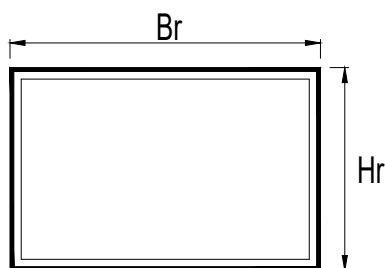
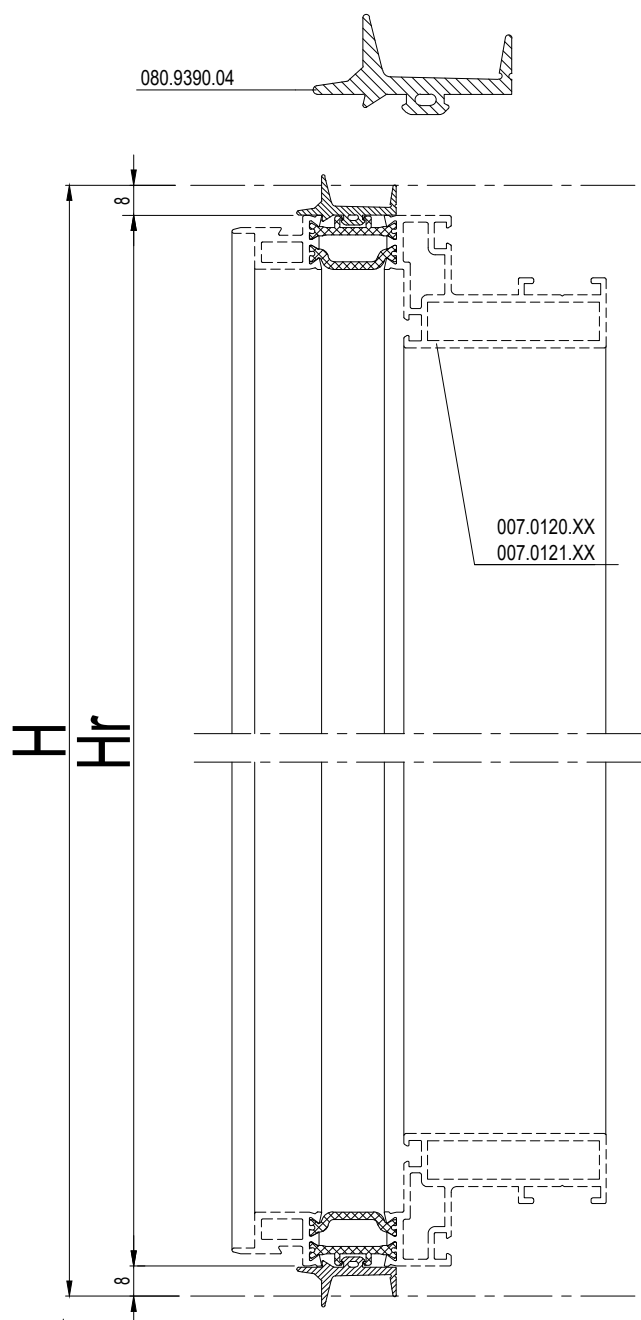


$$Hr = H - 16$$

$$Br = B - 16$$

Hr	Br	N°
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	

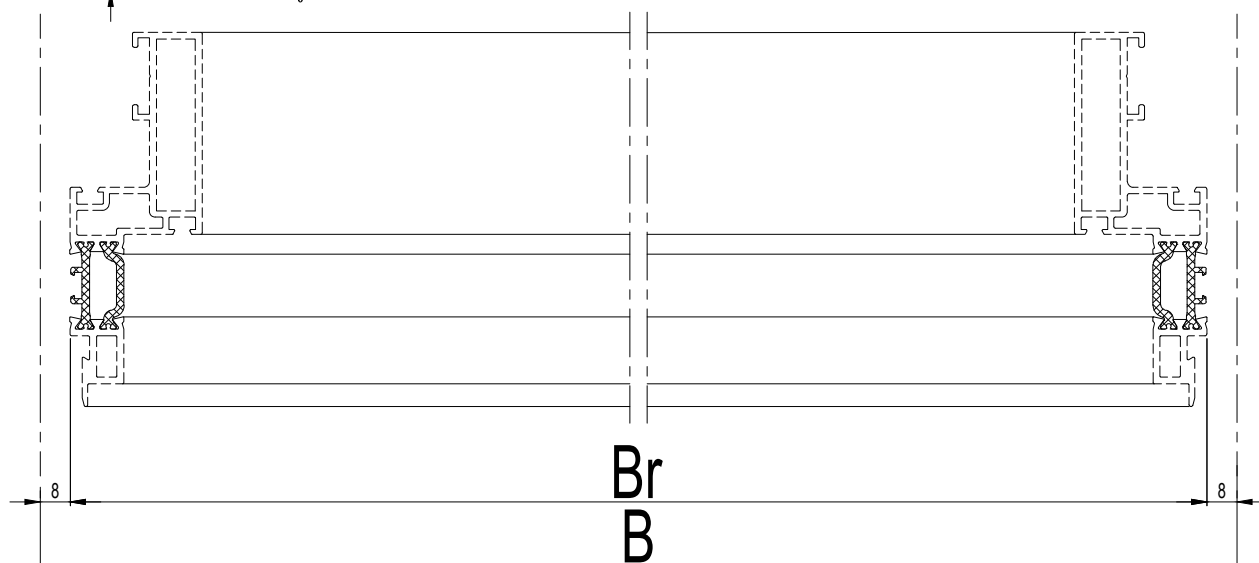


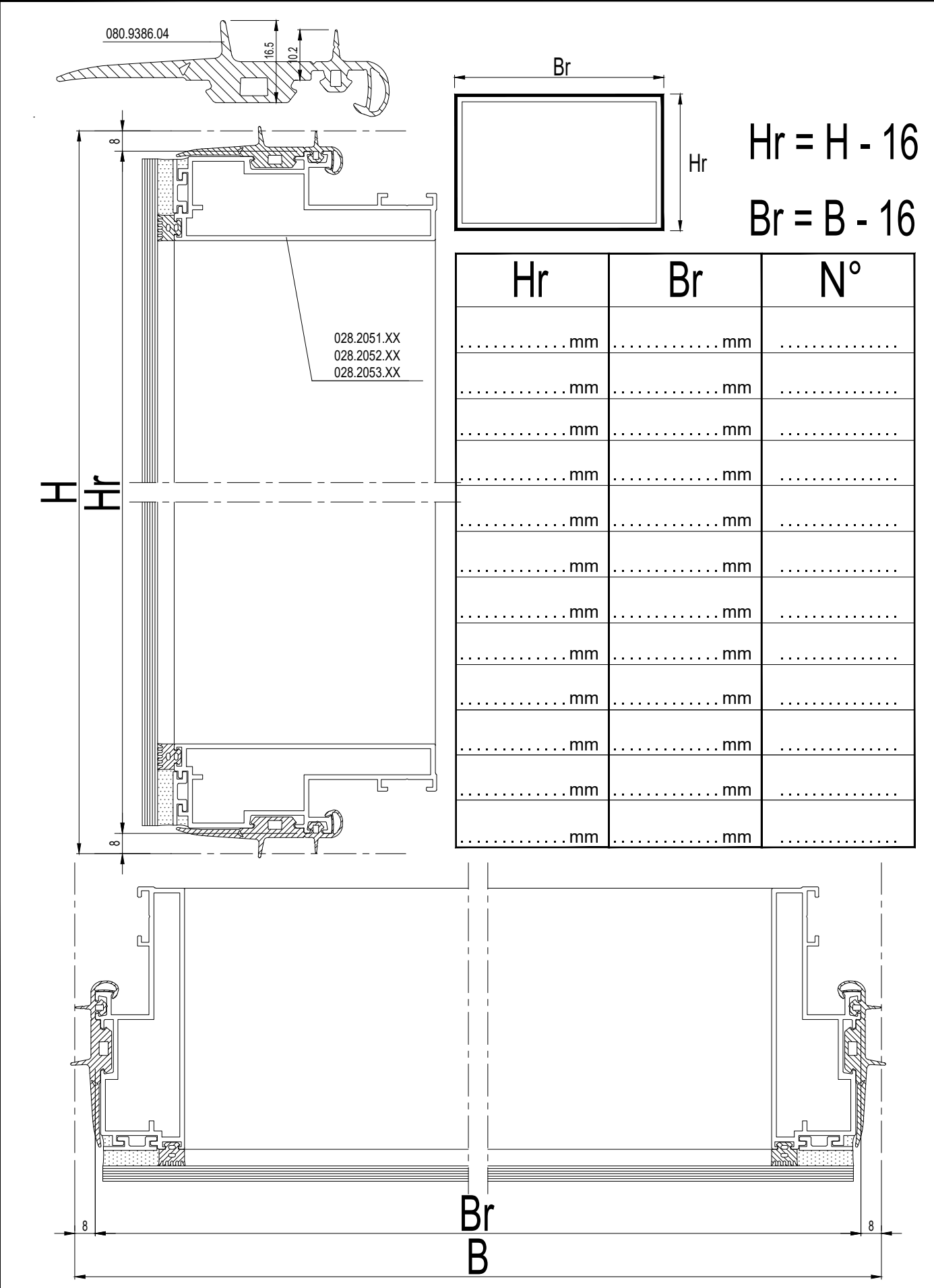


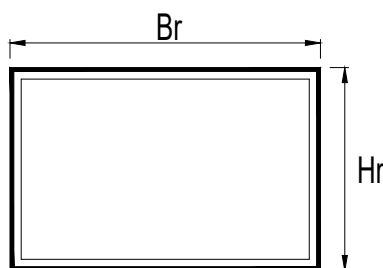
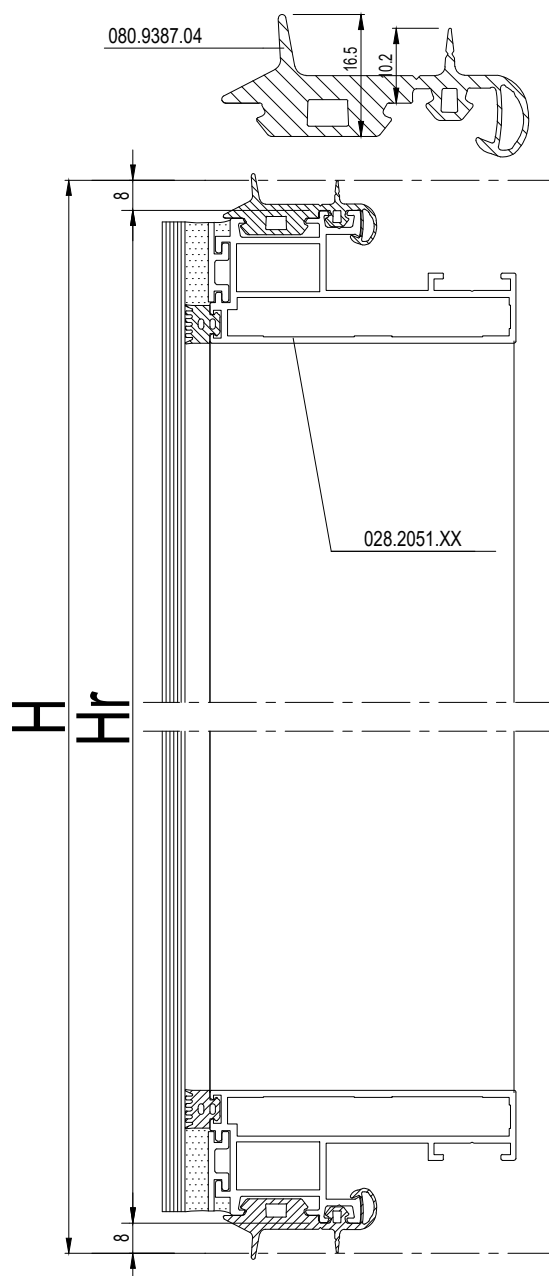
$$H_r = H - 16$$

$$B_r = B - 16$$

Hr	Br	N°
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....



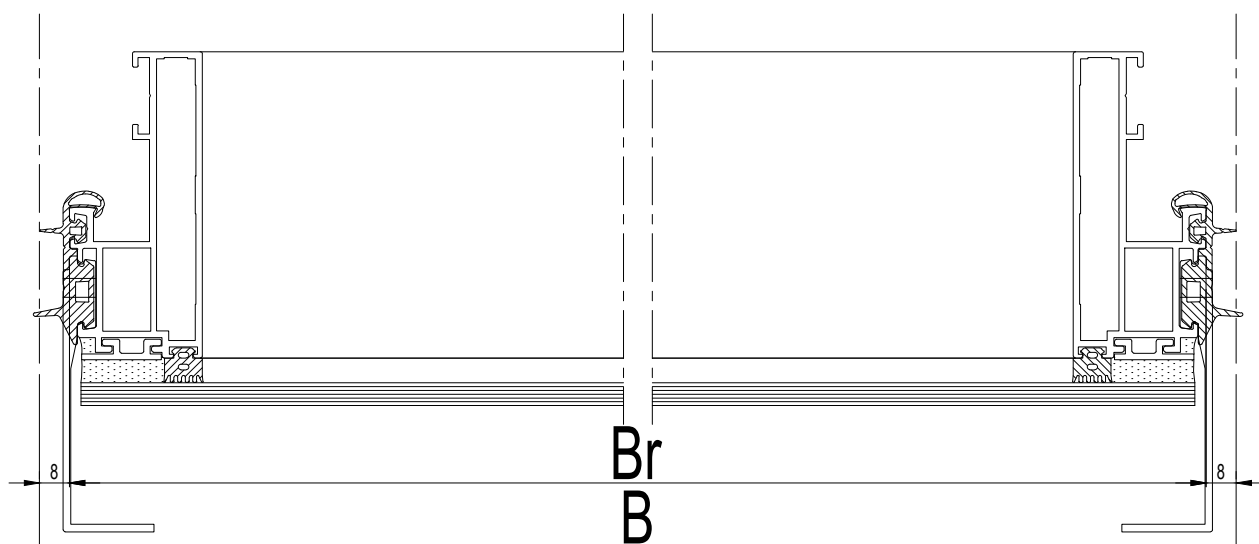


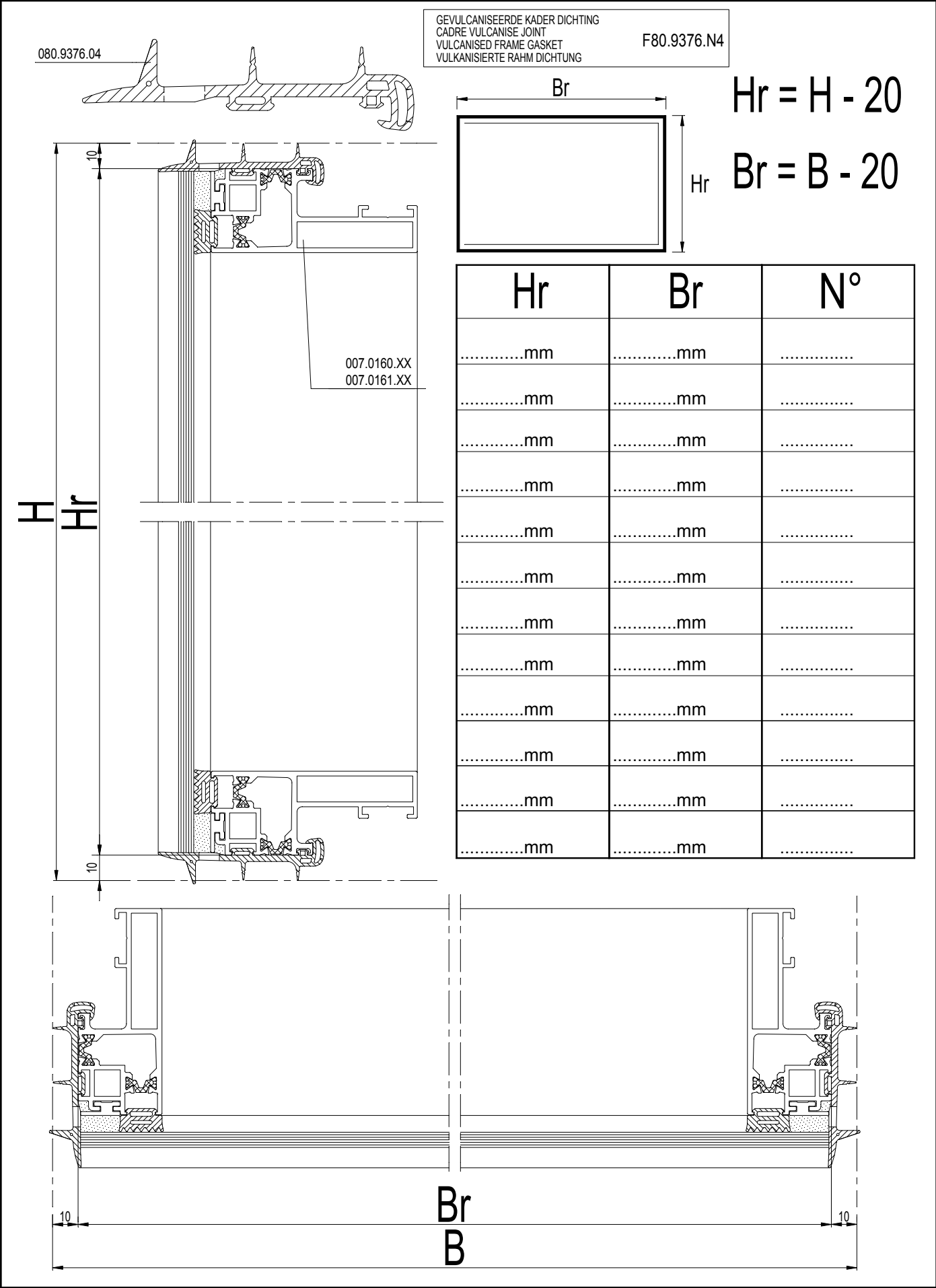


$$Hr = H - 16$$

$$Br = B - 16$$

Hr	Br	N°
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....
..... mm	 mm	.....

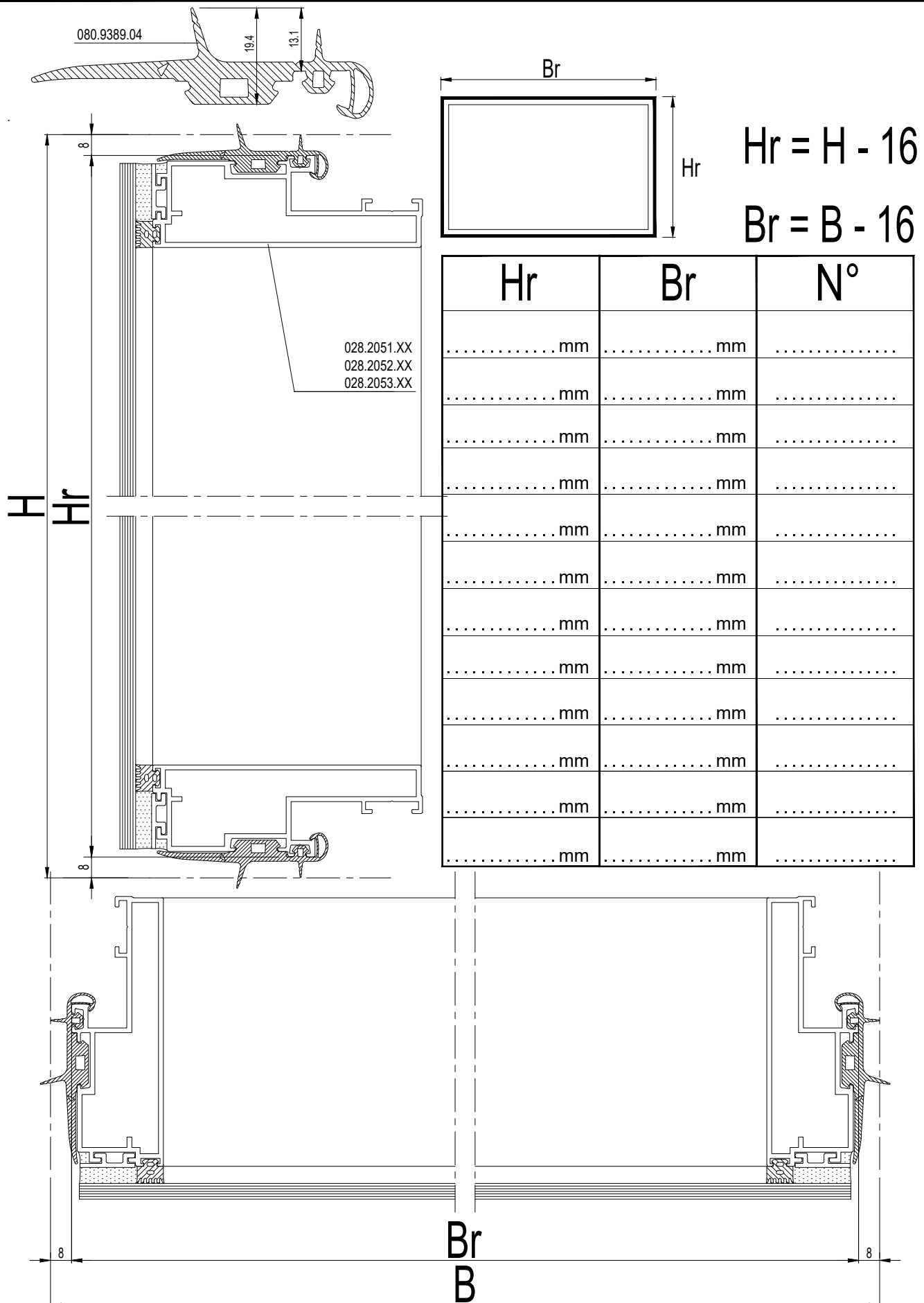


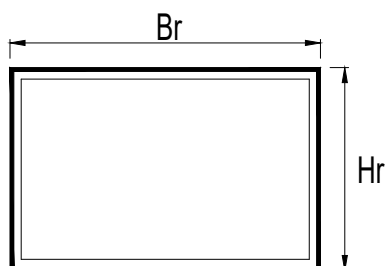
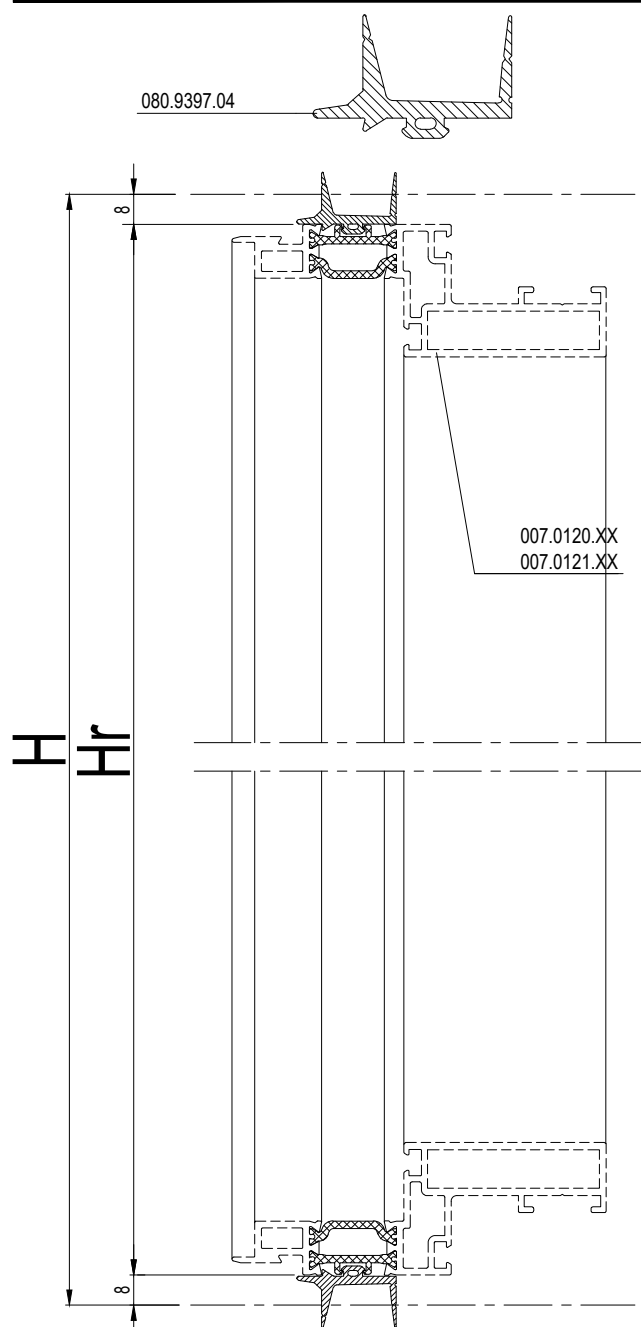


GEVULCANISEERDE KADERS UIT 080.9376.04
CADRES VULCANISE AVEC JOINT 080.9376.04
VULCANISED FRAMES WITH GASKET 080.9376.04
VULKANISIERTE RAHMEN MIT DICHTUNG 080.9376.04



B

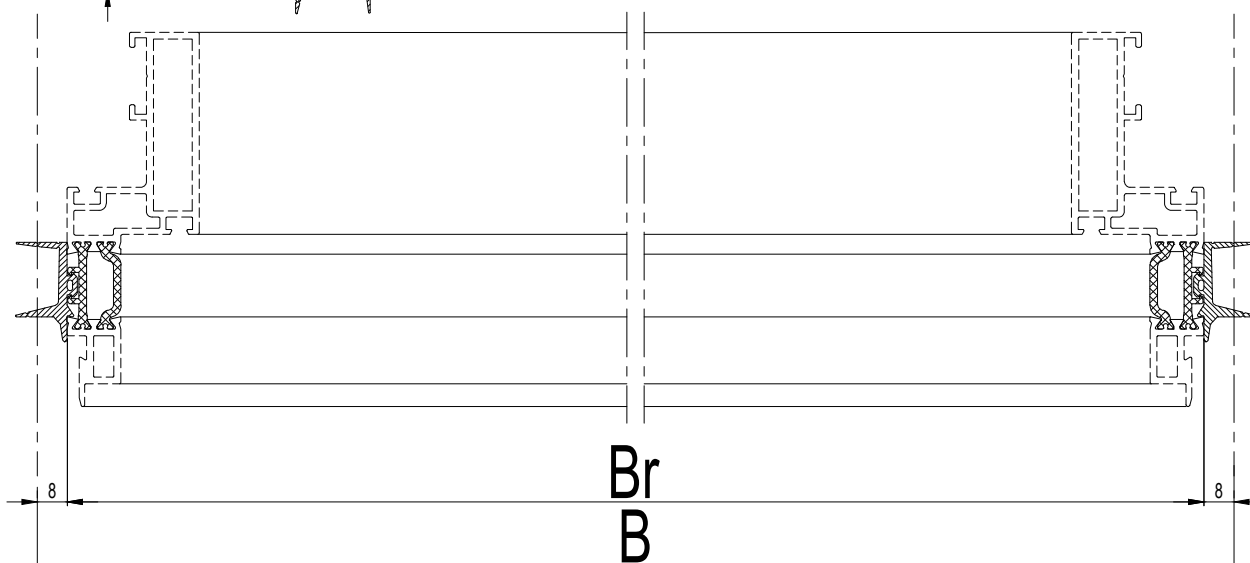




$$H_r = H - 16$$

$$B_r = B - 16$$

Hr	Br	N°
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
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..... mm	 mm	
..... mm	 mm	
..... mm	 mm	
..... mm	 mm	



C



Profielen

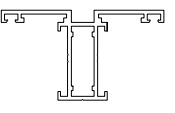
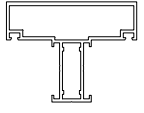
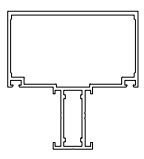
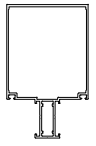
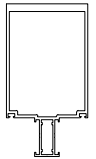
Profilés

Profiles

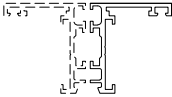
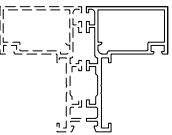
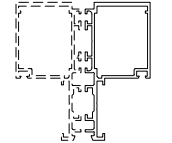
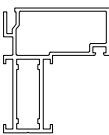
Profile

Art. N°			Art. N°		
001.0075.17	69.C.006	D0045763	012.5366.XX	69.C.001	D0045757
001.0075.17	69.C.029	D0045753	012.5366.XX	69.C.009	D0044421
007.0100.XX	69.C.003	D0045759	012.5375.XX	69.C.001	D0045757
007.0100.XX	69.C.014	D0044393	012.5375.XX	69.C.010	D0044392
007.0101.XX	69.C.003	D0045759	017.0131.XX	69.C.006	D0045763
007.0101.XX	69.C.015	D0044394	017.0131.XX	69.C.028	D0044411
007.0102.XX	69.C.003	D0045759	028.2051.XX	69.C.004	D0045761
007.0102.XX	69.C.016	D0044395	028.2051.XX	69.C.025	D0044409
007.0110.XX	69.C.003	D0045759	028.2052.XX	69.C.004	D0045761
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007.0113.XX	69.C.003	D0045759			
007.0113.XX	69.C.019	D0044398			
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007.0146.XX	69.C.006	D0045763			
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007.0151.00	69.C.029	D0045753			
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007.0160.XX	69.C.026	D0072365			
007.0162.XX	69.C.004	D0045761			
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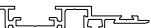
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 TRAVERSE
 SUSPENSION PROFILE
 PFOSTENPROFIL

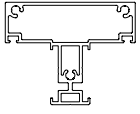
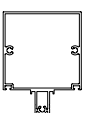
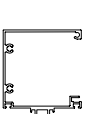
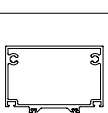
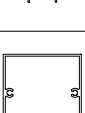
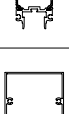
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012.5360.XX		7.00	13.857	4.373	15.82	18.680	4.344	43.00	
012.5356.XX		7.00	31.242	7.430	23.95	41.230	9.588	43.00	
012.5357.XX		7.00	71.576	13.588	38.32	58.517	13.608	43.00	
012.5366.XX		7.00	229.327	30.681	74.75	90.356	21.013	43.00	
012.5375.XX		7.00	544.257	53.584	59.43	174.422	40.563	43.00	

HALVE STIJL OF REGELPROFIEL
DEMI-MENEAU
HALF SUSPENSION PROFILE
HALBES PFOSTENPROFIL

			$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
012.5361.XX		7.00	7.305	2.335	16.21	4.183	1.418	29.49	
012.5358.XX		7.00	15.851	3.926	25.62	7.852	2.903	27.05	
012.5359.XX		7.00	40.774	7.627	37.54	12.072	4.684	25.77	
012.5362.XX		7.00	24.143	6.493	28.82	15.476	4.442	34.84	

AFWERKINGSPROFIEL
PROFILE DE FINITION
FINISHING PROFILE
AUSFUEHRUNGSPROFIL

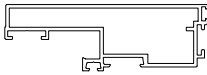
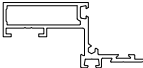
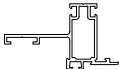
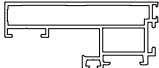
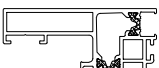
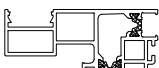
			$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
012.5355.XX		7.00	12.401	2.913	42.58	0.323	0.479	5.25	

BUITENKADER DORMANT OUTER FRAME BLENDRAHMEN									
			$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0100.XX		7.00	114.763	16.444	69.79	13.259	6.446	20.57	
007.0101.XX		7.00	115.726	14.272	81.09	12.016	5.974	20.11	
007.0102.XX		7.00	243.721	23.073	105.63	18.595	9.477	19.62	
T-PROFIEL TRAVERSE TRANSOM-MULLION SPROSSE									
			$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0114.XX		7.00	38.868	9.389	41.40	51.548	11.987	43.00	
007.0110.XX		7.00	187.115	28.440	65.79	99.416	23.106	43.03	
007.0113.XX		7.00	180.347	27.825	64.82	73.869	14.584	35.35	
007.1198.XX		7.00	78.653	14.176	55.48	82.971	19.278	42.96	
007.0115.XX		7.00	195.610	25.903	75.52	116.220	27.028	43.00	
007.0112.XX		7.00	435.836	45.667	94.57	153.384	35.668	43.00	

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D0045759

VLEUGELPROFIEL
PROFILE OUVRANT
VENT PROFILE
FLUEGELPROFIL

			$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
028.2053.XX		7.00	65.211	11.556	50.57	8.493	4.047	20.98	
012.5350.XX		7.00	13.977	3.367	41.51	4.423	2.330	18.98	
012.5352.XX		7.00	11.648	2.656	31.64	5.540	2.418	20.09	
007.0120.XX		7.00	28.672	5.370	53.39	6.330	3.492	18.13	
007.0121.XX		7.00	28.671	5.420	52.90	6.182	3.399	18.19	
028.2051.XX		7.00	30.840	6.787	35.57	5.653	2.617	21.60	
028.2052.XX		7.00	58.833	10.763	48.34	8.116	3.857	14.06	
007.0160.XX		6.00	23.821	5.194	35.14	4.559	2.316	19.68	
007.0162.XX		6.00	25.849	5.832	36.68	4.518	2.518	17.95	
007.0164.XX		6.00	58.763	10.685	48.00	8.031	4.188	19.18	

D0045761

GLASLAT 19.3MM
PARCLOSE
GLAZING BEAD
GLASLEISTE

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.0125.XX		12,41	5,7	7,00	-	-
						
012.5354.XX		11,80	5,7	7,00	-	-
						

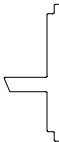
AFSTANDSHOUDER BEGLAZING 9.3MM
REDUCTEUR DE FEUILLURE VITRAGE
FILLISTER REDUCER PART GLAZING
GLASFALZVERKLEINUNGSPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
007.0134.04		-	-	7,00	-	-
						
007.0135.04		-	-	7,00	-	-
						

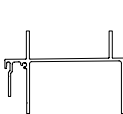
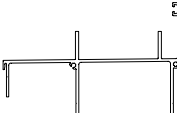
BEGLAZINGSPROFIEL SG
PROFILE DE VITRAGE
GLAZING PROFILE
VERGLASUNGSPROFIL

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
028.2030.17SG		7,01	-	7,00	-	-
						
028.2031.17SG		7,41	-	7,00	-	-
						
007.0161.17SG		5,17	-	6,00	0,015	0,072
						

SLUITLAT
 TRINGLE
 LINK BAR
 SCHUBSTANGE

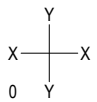
			$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
001.0075.17		6.00	-	-	-	-	-	-	
007.0151.00		7.00	-	-	-	-	-	-	
007.0150.00		7.00	-	-	-	-	-	-	

 ONDERDORPEL
 SEUIL
 SILL
 BASISPROFIL

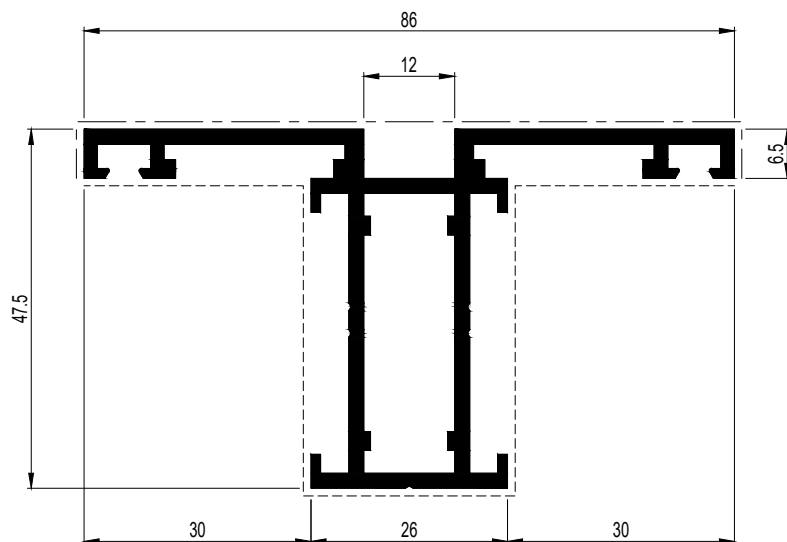
			$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0146.XX		7.00	144.000	23.585	49.95	36.050	6.842	45.71	
007.0145.XX		7.00	257.640	27.654	62.84	36.114	6.864	45.78	
007.0199.XX		7.00	4.633	1.590	29.14	2.872	1.699	15.37	

 AFWERKINGSPROFIEL
 PROFILE DE FINITION
 FINISHING PROFILE
 AUSFUEHRUNGSPROFIL

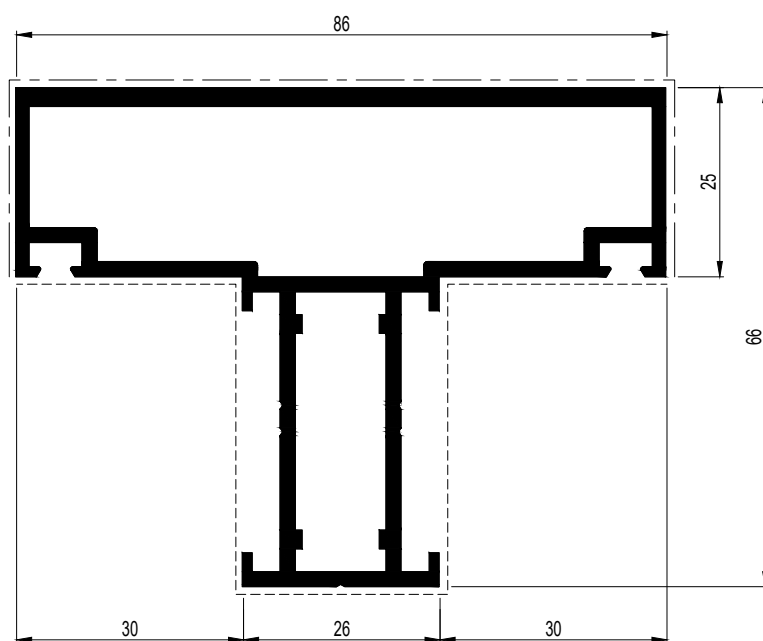
			$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
017.0131.XX		6.50	-	-	-	-	-	-	
007.0163.XX		6.00	0.022	0.032	6.84	0.251	0.217	11.55	

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
012.5356.XX	37.27	17.1	7.00	31.242	7.430	23.95	41.230	9.588	43.00	
012.5360.XX	39.07	15.5	7.00	13.857	4.373	15.82	18.680	4.344	43.00	

012.5360.XX



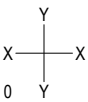
012.5356.XX



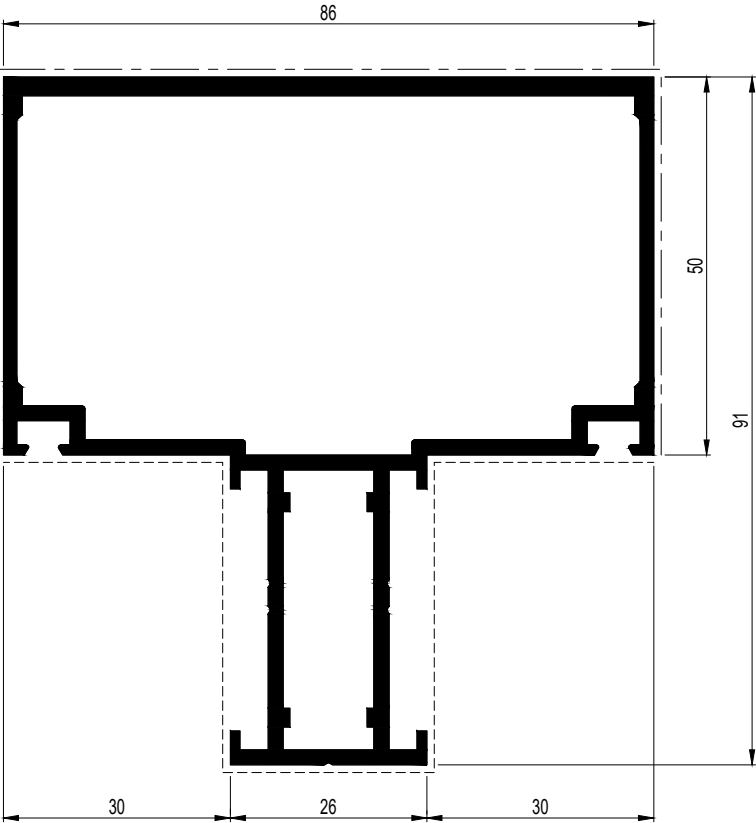
	012.5356.XX	
	068.6554.17 068.6548.17	---
	068.6554/51.17 068.6553/48.17	---

	012.5360.XX	
	068.6554.17 068.6548.17	---
	068.6554/51.17 068.6553/48.17	---

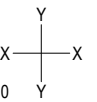


				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
012.5357.XX	42.27	22.1	7.00	71.576	13.588	38.32	58.517	13.608	43.00	

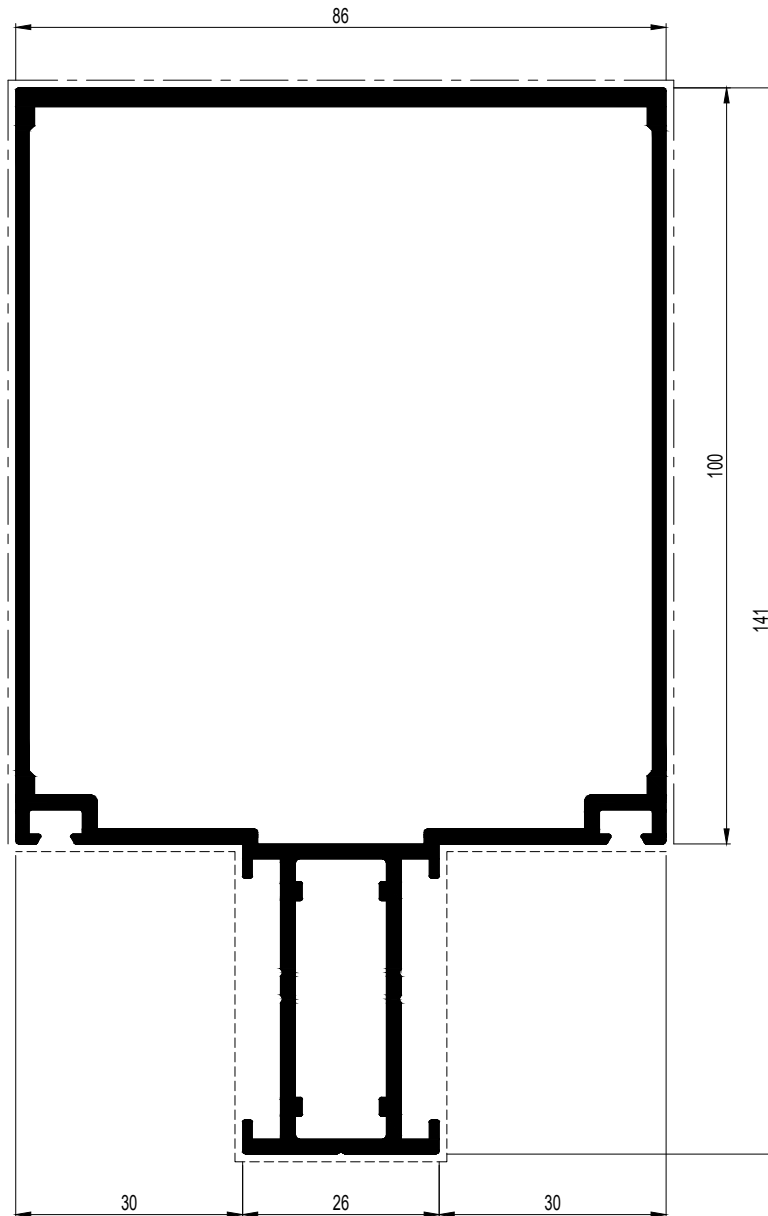
012.5357.XX



D0044389

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
012.5366.XX	51.98	32.1	7.00	229.327	30.681	74.75	90.356	21.013	43.00	

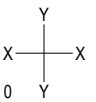
012.5366.XX

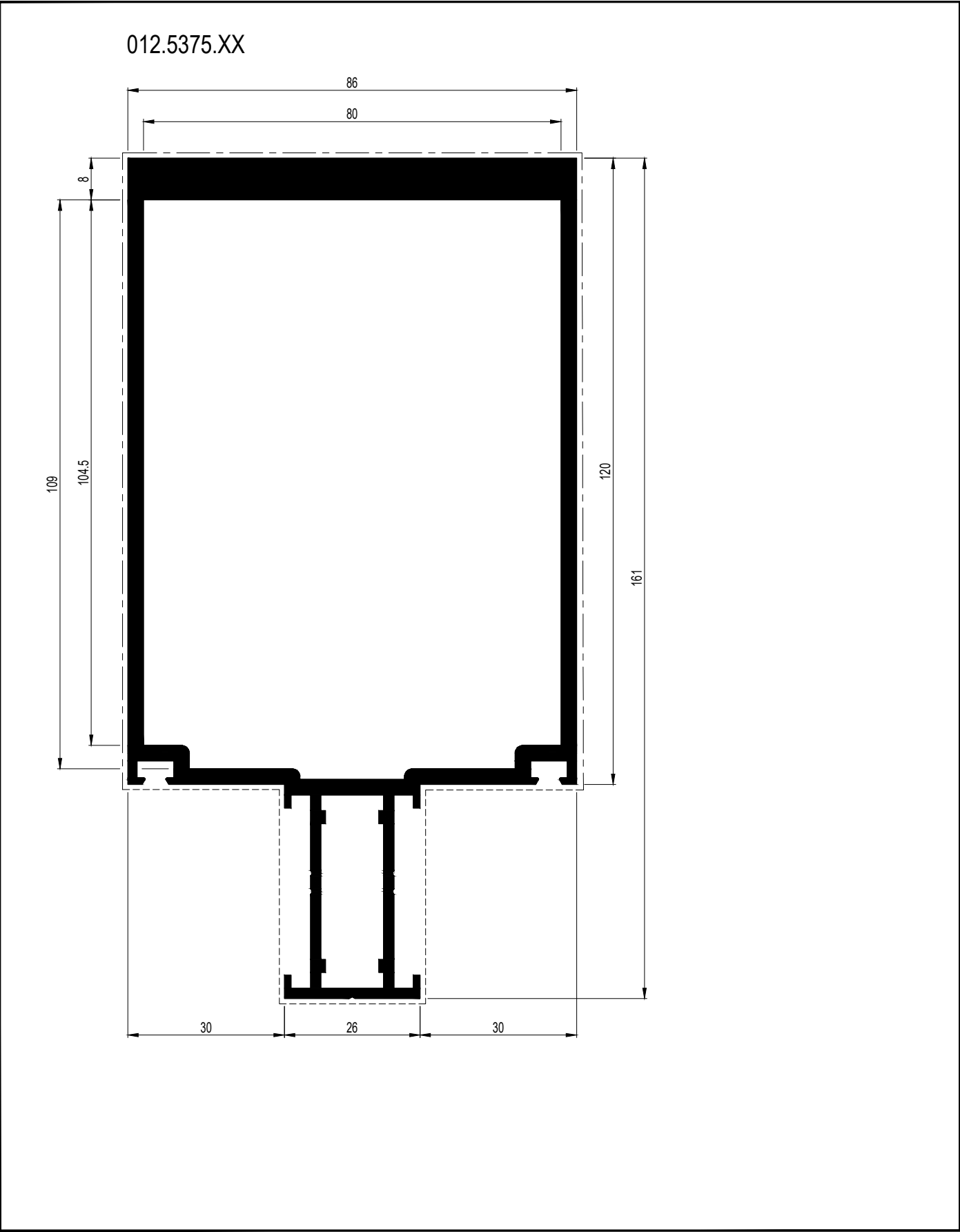


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D004421



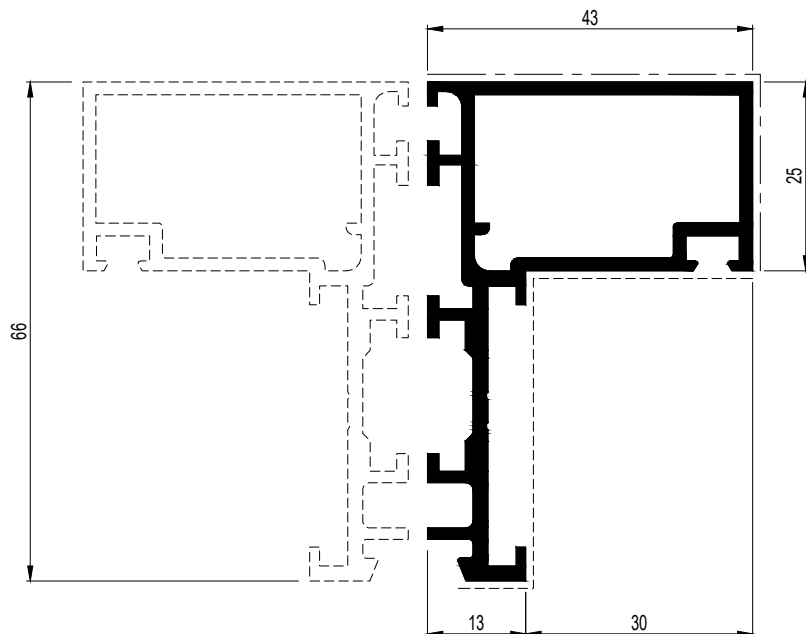
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
012.5375.XX	56.27	37.0	7.00	544.257	53.584	59.43	174.422	40.563	43.00	



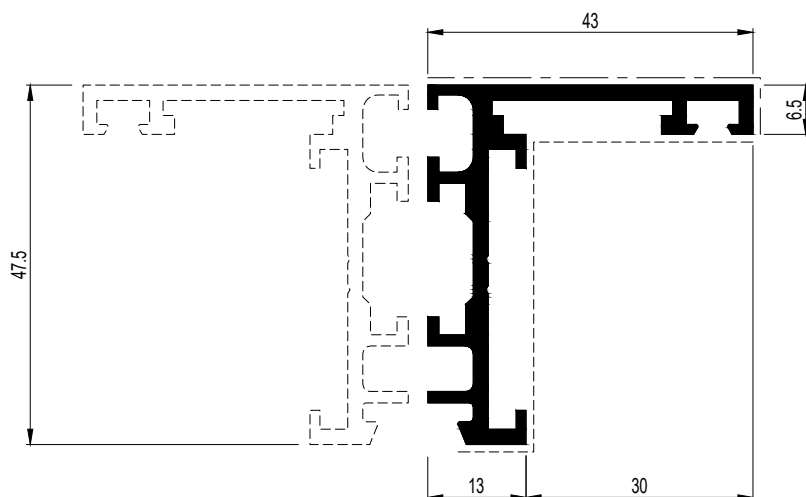
D0044392

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
012.5361.XX	28.82	5.3	7.00	7.305	2.335	16.21	4.183	1.418	29.49	
012.5358.XX	32.17	6.8	7.00	15.851	3.926	25.62	7.852	2.903	27.05	

012.5358.XX

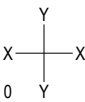


012.5361.XX

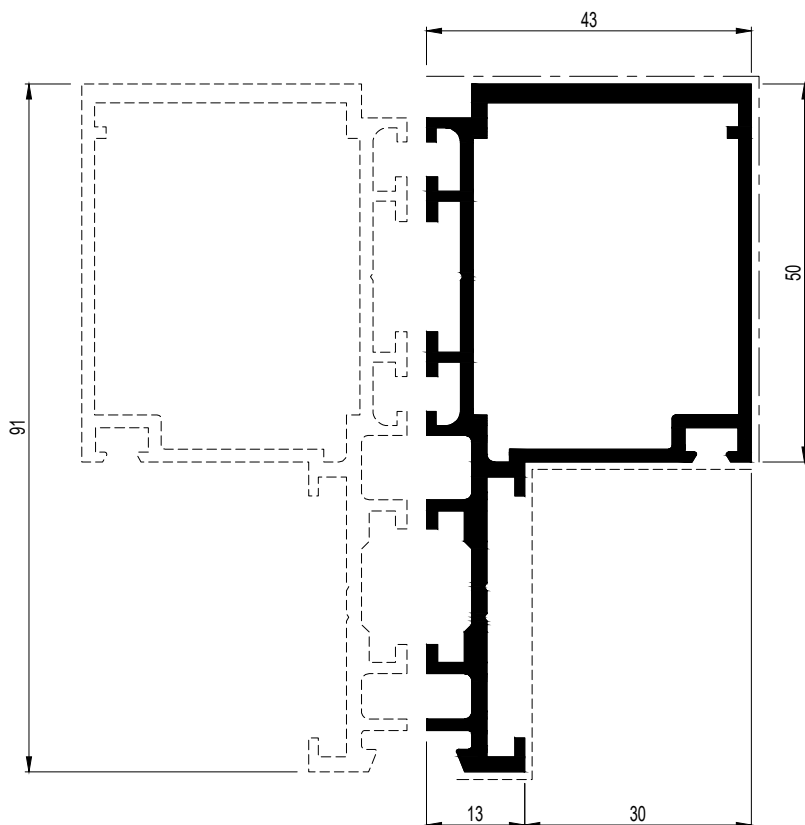


	012.5361.XX	
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	068.6554/51.17 068.6553/48.17	---

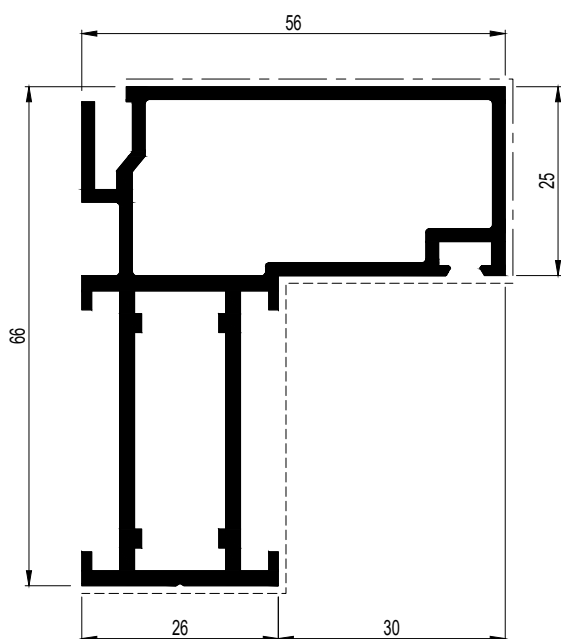
	012.5358.XX	
	068.6554.17 068.6548.17	---
	068.6554/51.17 068.6553/48.17	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
012.5359.XX	39.85	9.8	7.00	40.774	7.627	37.54	12.072	4.684	25.77	
012.5362.XX	33.13	11.2	7.00	24.143	6.493	28.82	15.476	4.442	34.84	

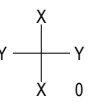
012.5359.XX



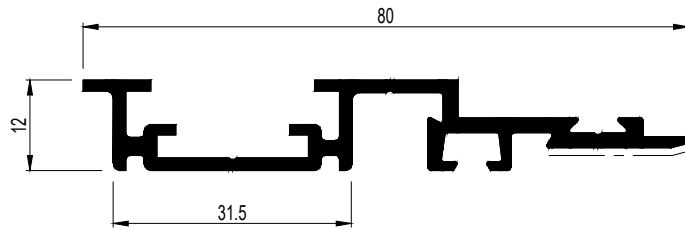
012.5362.XX



	012.5359.XX			012.5362.XX	
	068.6554.17 068.6548.17	---		068.6554.17 068.6548.17	---
	068.6554/51.17 068.6553/48.17	---		068.6554/51.17 068.6553/48.17	---

				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
012.5355.XX	28.92	2.0	7.00	12.401	2.913	42.58	0.323	0.479	5.25	

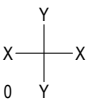
012.5355.XX



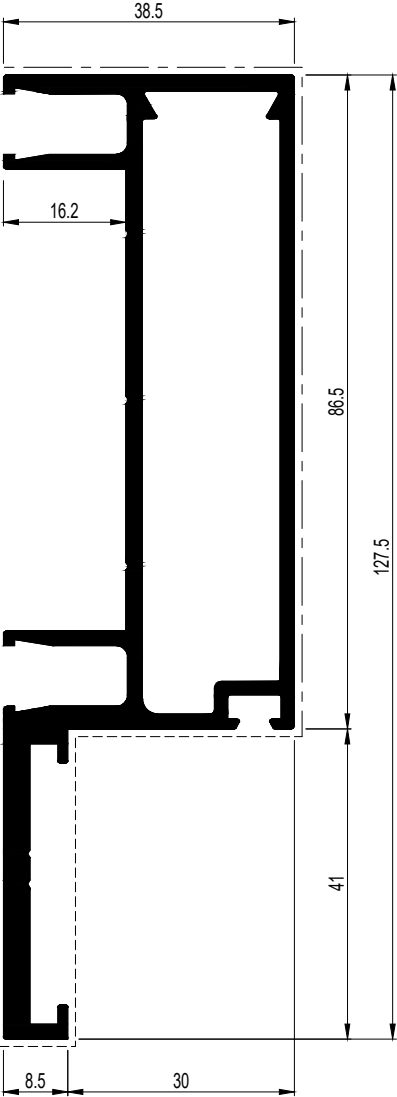
C

D004402

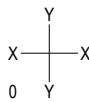


				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0100.XX	46.34	12.7	7.00	114.763	16.444	69.79	13.259	6.446	20.57	

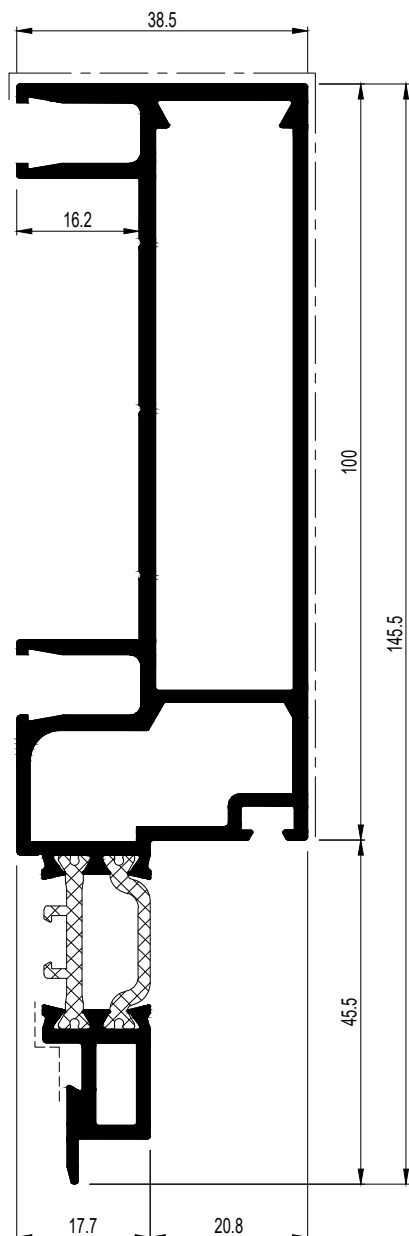
007.0100.XX



D0044393

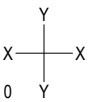
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x cm^4$	$W_x cm^3$	$ax mm$	$I_y cm^4$	$W_y cm^3$	$ay mm$	
007.0101.XX	45.76	13.9	7.00	115.726	14.272	81.09	12.016	5.974	20.11	

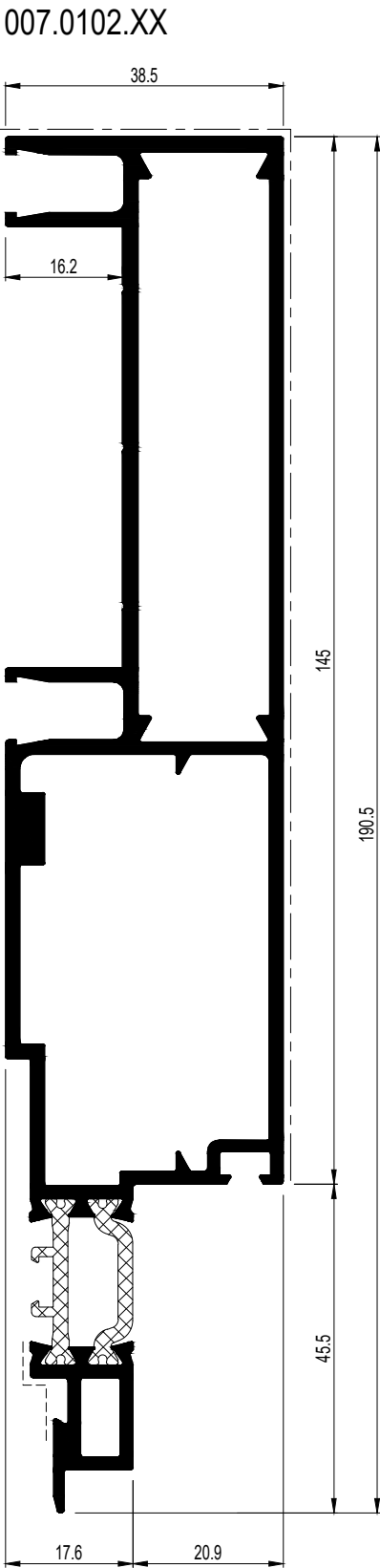
007.0101.XX



	007.0101.XX	
	068.6409.00	095.B500.00
	068.7751.00 068.5938.--	097.0598.00
	068.6423.00 068.5933.-- (4x)	097.0598.00

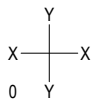


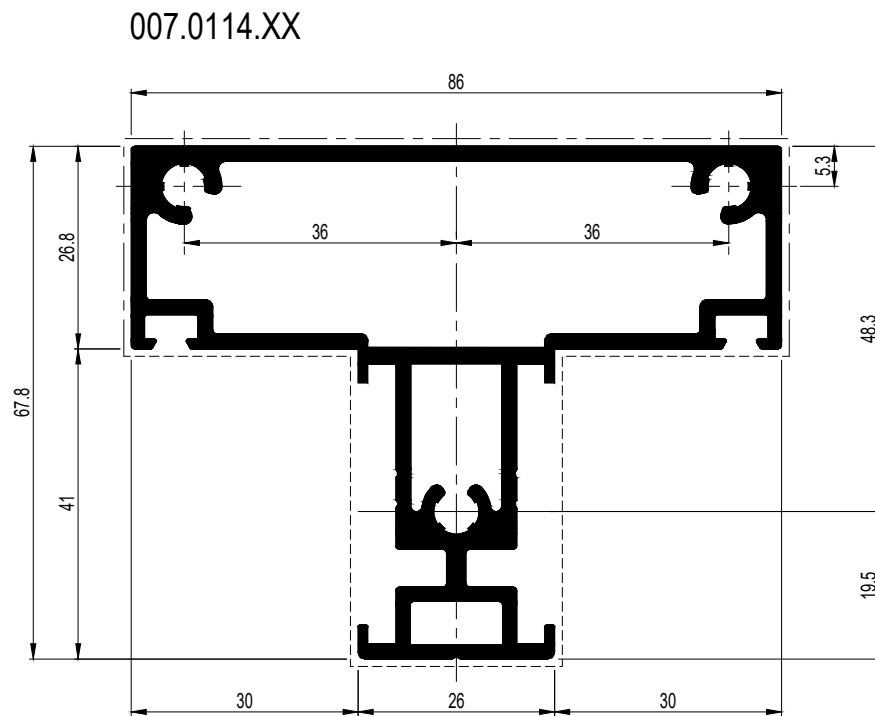
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0102.XX	54.42	18.4	7.00	243.721	23.073	105.63	18.595	9.477	19.62	



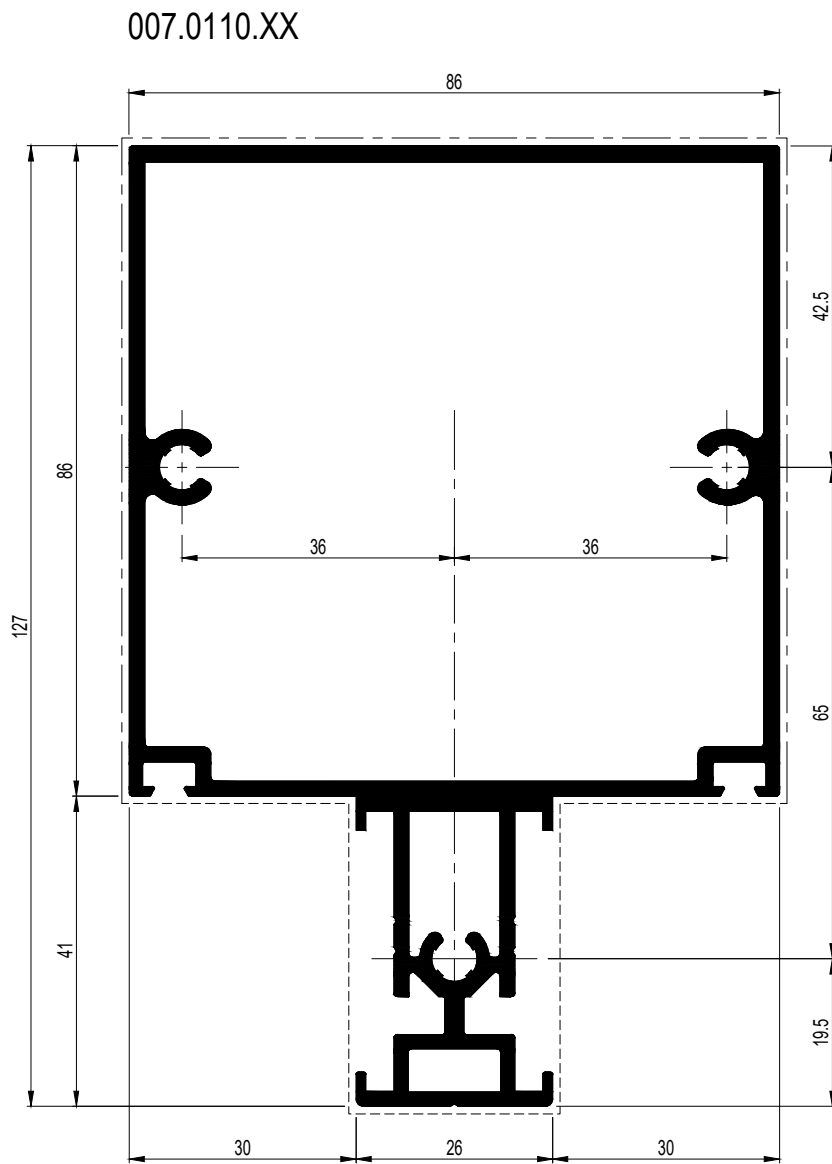
	007.0102.XX	
	068.7751.00 068.5938.-	097.0599.00
	068.6422.00 068.6423.00	097.0599.00 of-ou-or-oder 097.0598.00

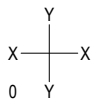
D0044395

	A dm ² /m	P dm ² /m	L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	
007.0114.XX	39.85	16.7	7.00	38.868	9.389	41.40	51.548	11.987	43.00	

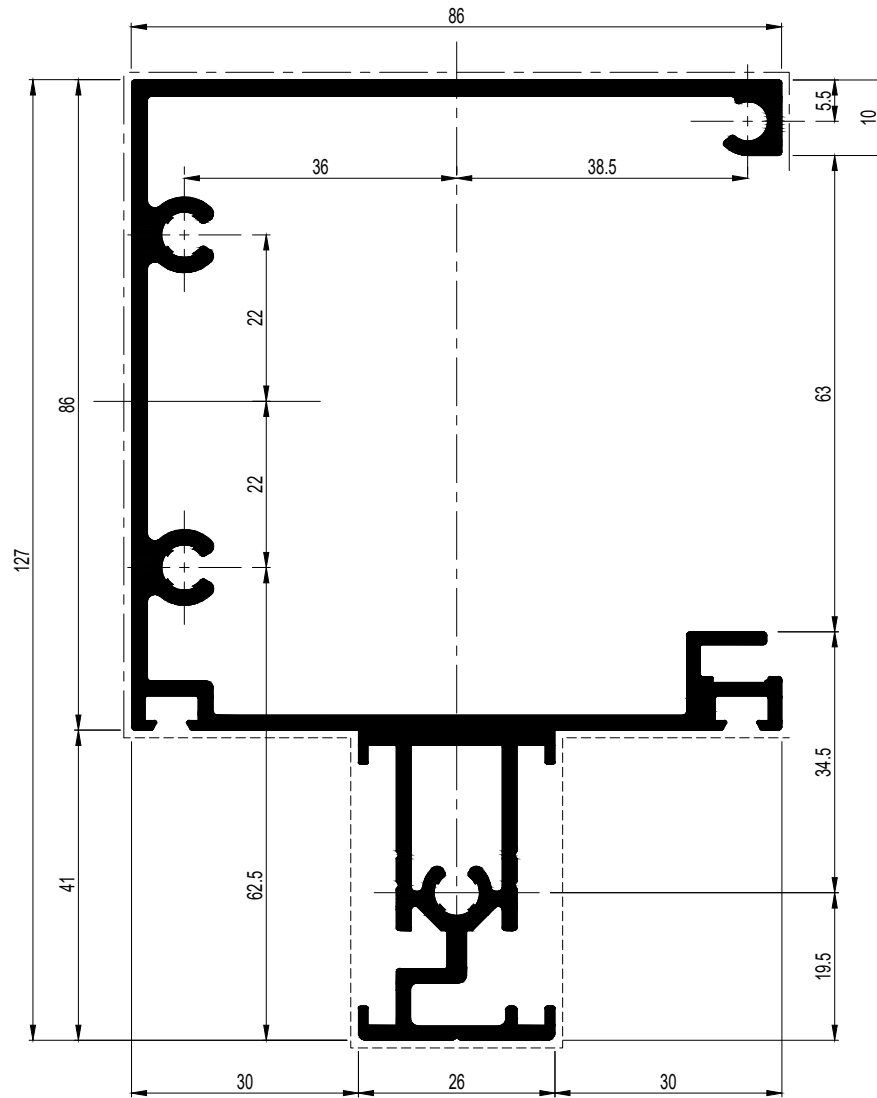


				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0110.XX	52.61	28.5	7.00	187.115	28.440	65.79	99.416	23.106	43.03	

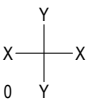


	A dm ² /m	P dm ² /m	L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	
007.0113.XX	84.01	10.4	7.00	180.347	27.825	64.82	73.869	14.584	35.35	

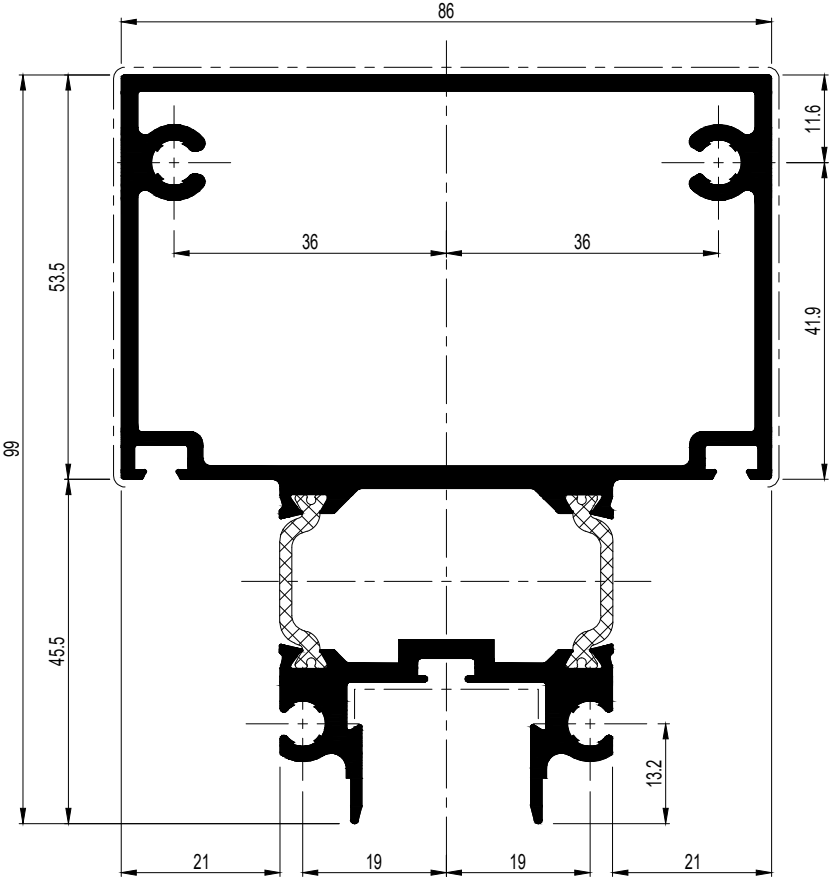
007.0113.XX



	007.0113.XX	
	052.5351.-- (2x) 052.5381.--	---

				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.1198.XX	44.72	24.5	7.00	78.653	14.176	55.48	82.971	19.278	42.96	

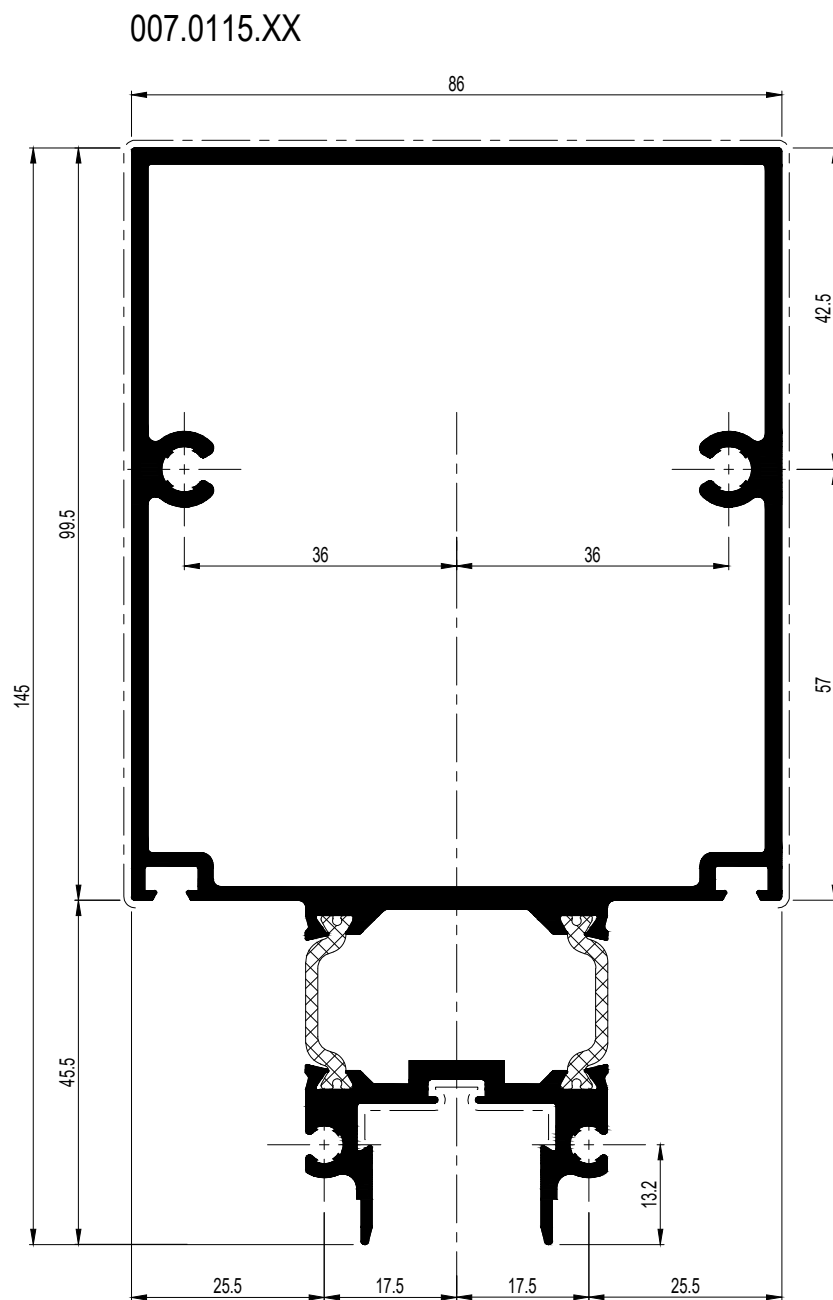
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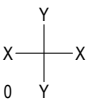
	007.1198.XX	
	052.5371.-- (4x)	097.0632.00

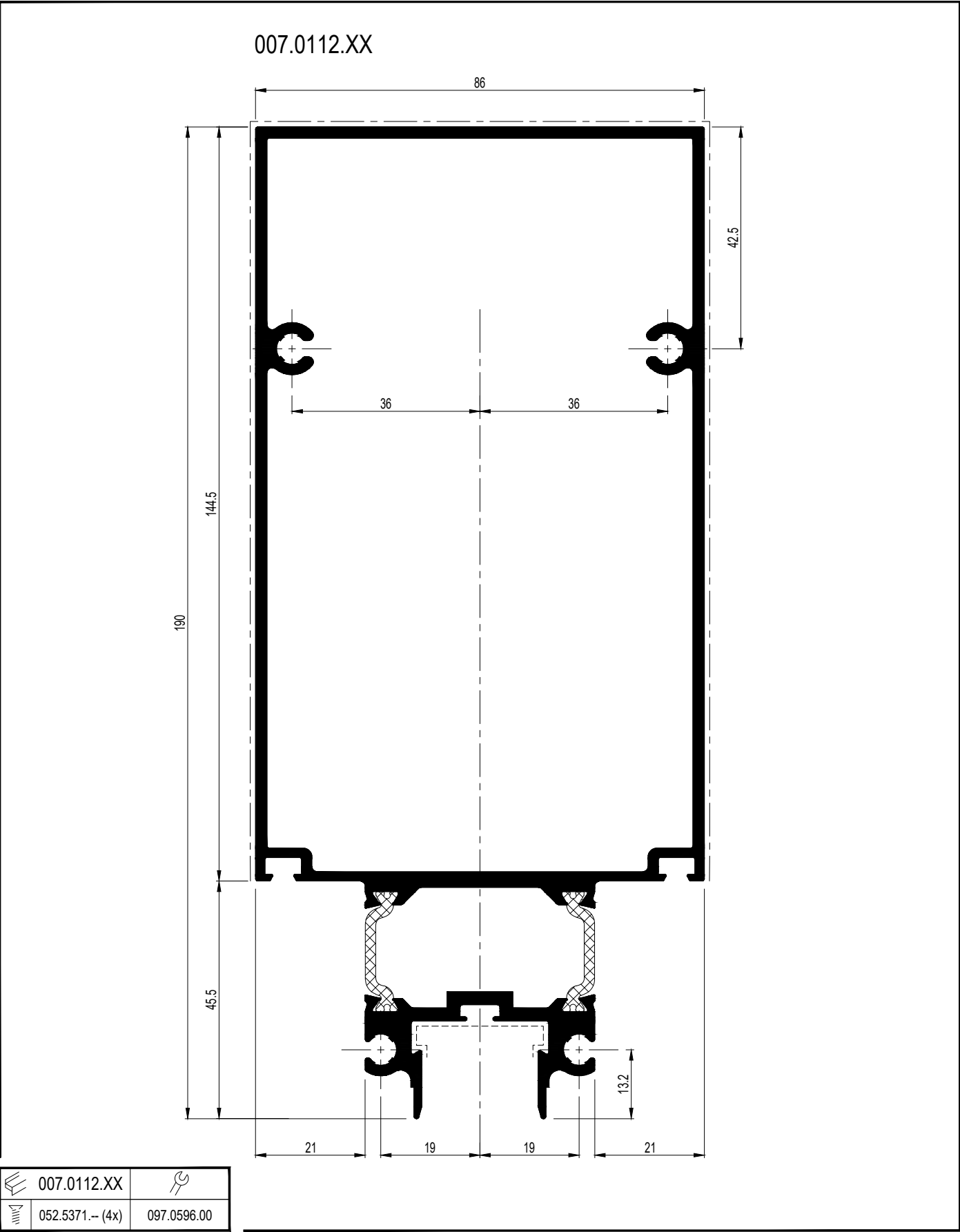
D004400

				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0115.XX	53.34	33.7	7.00	195.610	25.903	75.52	116.220	27.028	43.00	

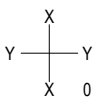


	007.0115.XX	
	052.5371.-- (2x) 052.5341 -- (2x)	---

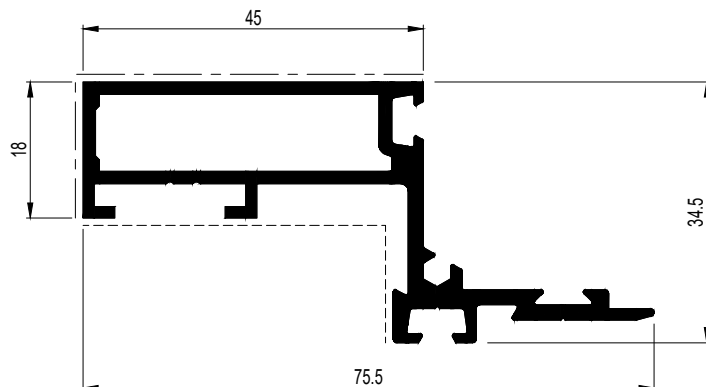
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0112.XX	62.73	37.5	7.00	435.836	45.667	94.57	153.384	35.668	43.00	



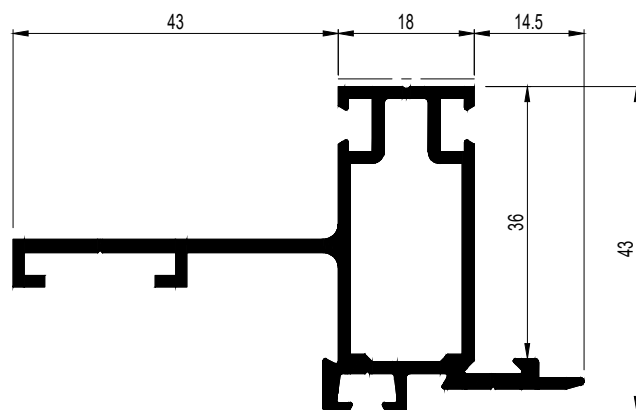
D004401

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x cm^4$	$W_x cm^3$	$a_x mm$	$I_y cm^4$	$W_y cm^3$	$a_y mm$	
012.5350.XX	29,49	6,3	7,00	13,977	3,367	41,51	4,423	2,330	18,98	
012.5352.XX	32,35	1,8	7,00	11,648	2,656	31,64	5,540	2,418	20,09	

012.5350.XX



012.5352.XX

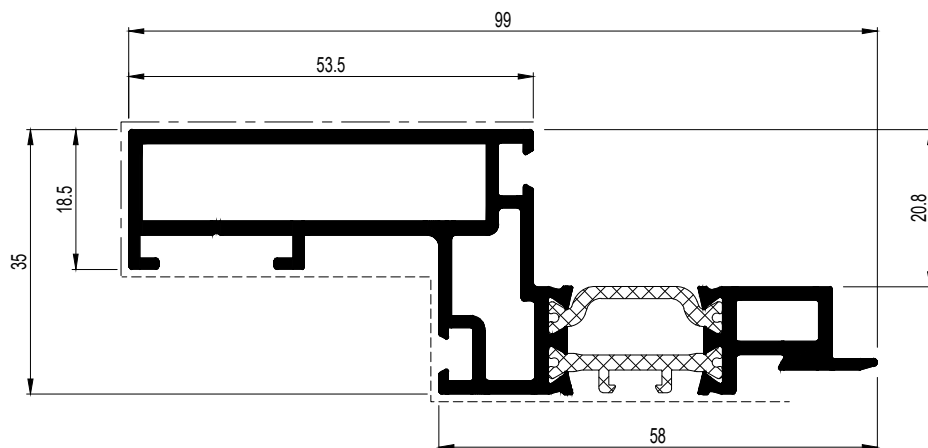


	012.5350.XX	
	021.0038.00	---
	021.0034.00 030.3405.--	---

	012.5352.XX	
	021.0218.00	095.H800.00
	021.0219.00 021.0049.00	---

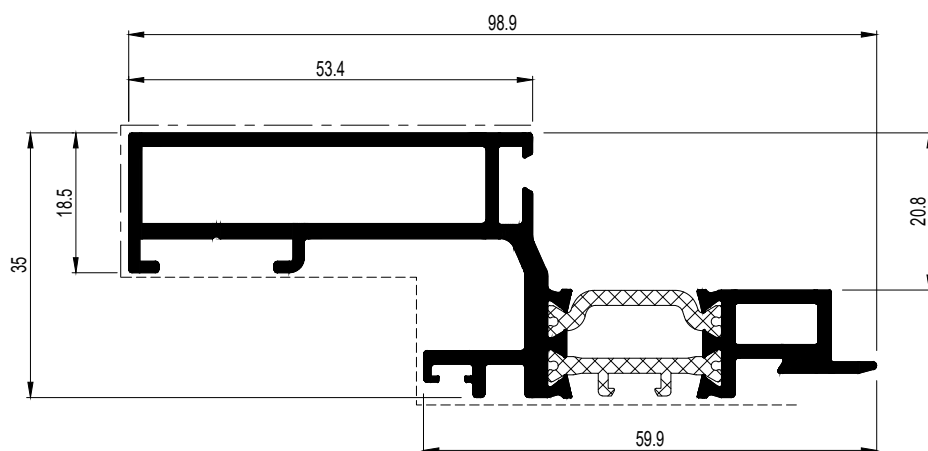
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0120.XX	30.60	7.2	7.00	28.672	5.370	53.39	6.330	3.492	18.13	
007.0121.XX	32.99	7.2	7.00	28.671	5.420	52.90	6.182	3.399	18.19	

007.0120.XX



007.0121.XX

F07.0121.XX FOAM INCLUDED

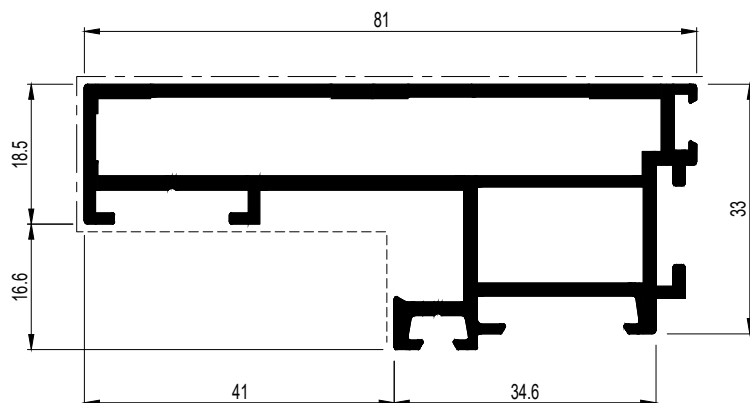


	007.0120.XX	
	068.6405.00	095.B500.00
	068.8875.00	---
	068.5938.--	---

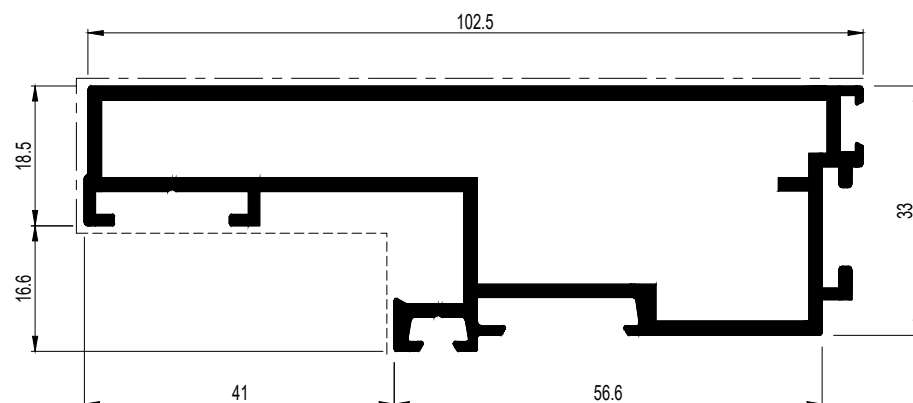
	007.0121.XX	
	068.6405.00	095.B500.00
	068.8875.00	---
	068.5938.--	---

028.2051.XX	33.96	10.0	7.00	30.840	6.787	35.57	5.653	2.617	21.60
028.2052.XX	38.33	12.2	7.00	58.833	10.763	48.34	8.116	3.857	14.06
028.2053.XX	39.13	12.6	7.00	65.211	11.556	50.57	8.493	4.047	20.98

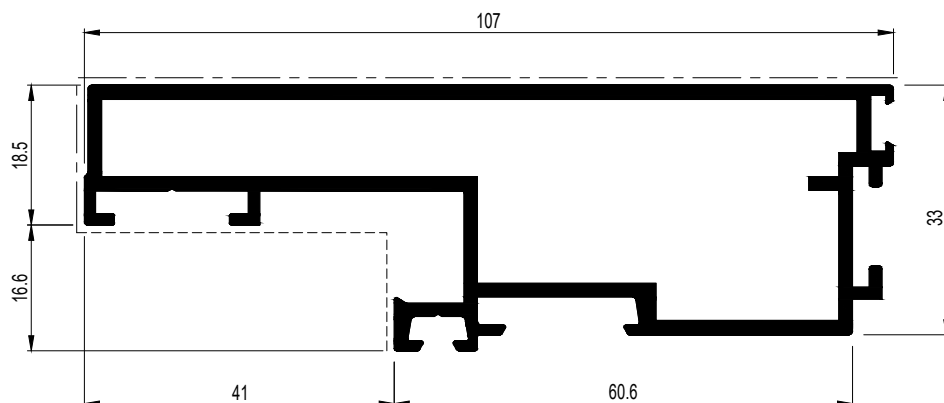
028.2051.XX



028.2052.XX



028.2053.XX



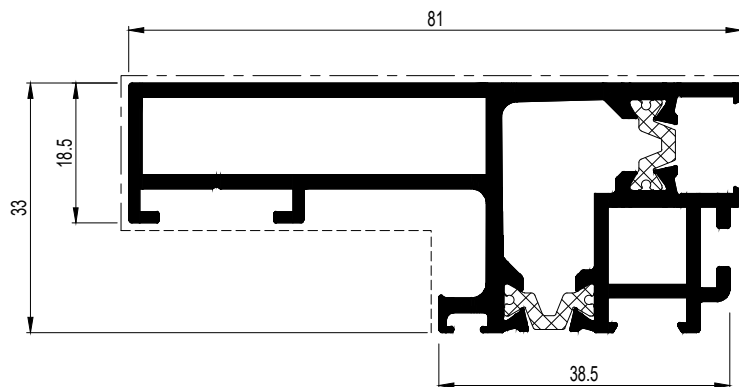
	028.2051.XX	
	068.6407.00	095.B500.00

	028.2052.XX	
	068.6408.00	095.B500.00

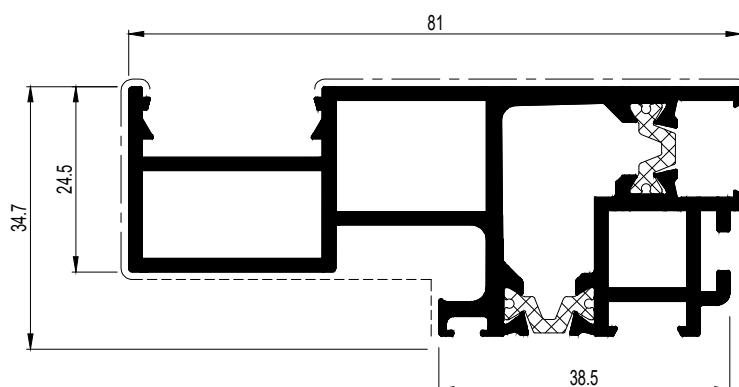
	028.2053.XX	
	PROJECT SOLUTION	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow Lm \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
007.0160.XX	31,40	10,0	6,00	23,821	5,194	35,14	4,559	2,316	19,68	
007.0162.XX	32,41	8,2	6,00	25,849	5,832	36,68	4,518	2,518	17,95	
007.0163.XX	7,88	2,6	6,00	0,022	0,032	6,84	0,251	0,217	11,55	
007.0164.XX	36,65	12,2	6,00	58,763	10,685	48,00	8,031	4,188	19,18	

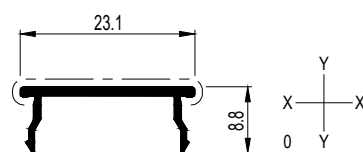
007.0160.XX



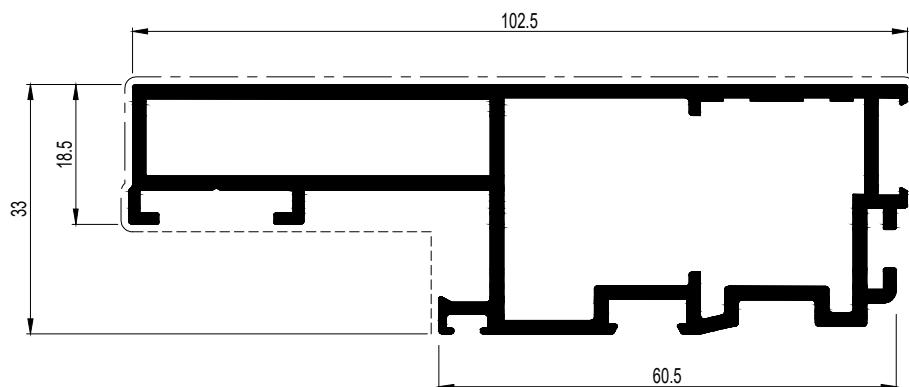
007.0162.XX



007.0163.XX



007.0164.XX

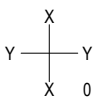


	007.0160.XX	
	068.6405.00 068.6414.00	095.B500.00

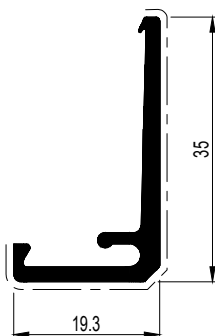
	007.0162.XX	
	068.6413.00 068.6414.00	095.H800.00 of-ou-or-oder 095.B500.00

	007.0164.XX	
	068.6405.00 068.6412.00	095.B500.00

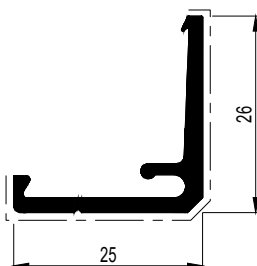
D0072365

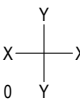
	A dm ² /m	P dm ² /m	L_m	I_x cm ⁴	W_x cm ³	a_x mm	I_y cm ⁴	W_y cm ³	a_y mm	
012.5354.XX	11.80	5.7	7.00	-	-	-	-	-	-	X
007.0125.XX	12.41	5.7	7.00	-	-	-	-	-	-	Y
										X 0

007.0125.XX

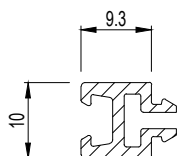


012.5354.XX

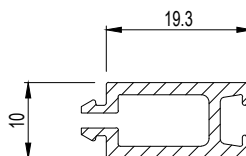


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0134.04	-	-	7,00	-	-	-	-	-	-	
007.0135.04	-	-	7,00	-	-	-	-	-	-	
007.0161.17SG	5,17	-	6,00	0,015	0,048	2,36	0,072	0,078	9,14	
017.0131.XX	10,12	3,8	6,50	0,928	0,441	21,06	0,061	0,073	8,44	
028.2030.17SG	7,01	-	7,00	-	-	-	-	-	-	
028.2031.17SG	7,41	-	7,00	-	-	-	-	-	-	

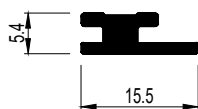
007.0134.04



007.0135.04

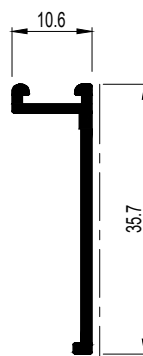


007.0161.17SG



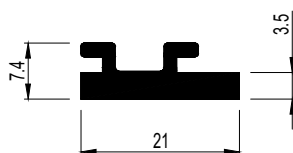
FORM 158

017.0131.XX



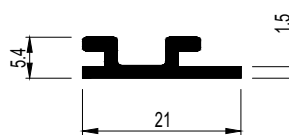
BESTELLEN 007.0161.17SG, ZIE VERWERKINGSVOORSCHRIFTEN
COMMANDER 007.0161.17SG, VOIR RECOMMANDATIONS DE MISE EN OEUVRE
ORDERING 007.0161.17SG, SEE PROCESSING DATA
BESTELLEN 007.0161.17SG, SIEHE VERARBEITUNGSVORSCHRIFTEN

028.2031.17SG



FORM 158

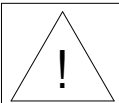
028.2030.17SG



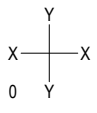
FORM 158



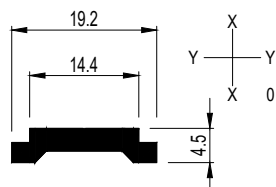
BESTELLEN 028.2031.17SG, ZIE VERWERKINGSVOORSCHRIFTEN
COMMANDER 028.2031.17SG, VOIR RECOMMANDATIONS DE MISE EN OEUVRE
ORDERING 028.2031.17SG, SEE PROCESSING DATA
BESTELLEN 028.2031.17SG, SIEHE VERARBEITUNGSVORSCHRIFTEN



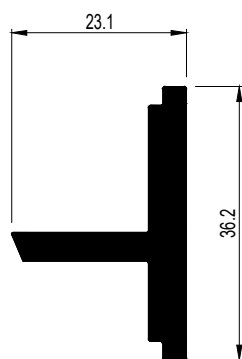
BESTELLEN 028.2030.17SG, ZIE VERWERKINGSVOORSCHRIFTEN
COMMANDER 028.2030.17SG, VOIR RECOMMANDATIONS DE MISE EN OEUVRE
ORDERING 028.2030.17SG, SEE PROCESSING DATA
BESTELLEN 028.2030.17SG, SIEHE VERARBEITUNGSVORSCHRIFTEN

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
001.0075.17	4.90	1.8	6.00	-	-	-	-	-	-	
007.0150.00	11.60	-	7.00	-	-	-	-	-	-	
007.0151.00	10.24	-	7.00	-	-	-	-	-	-	

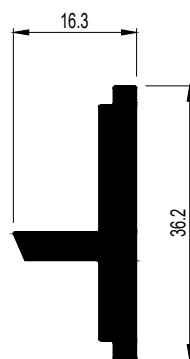
001.0075.17



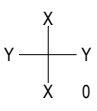
007.0150.00



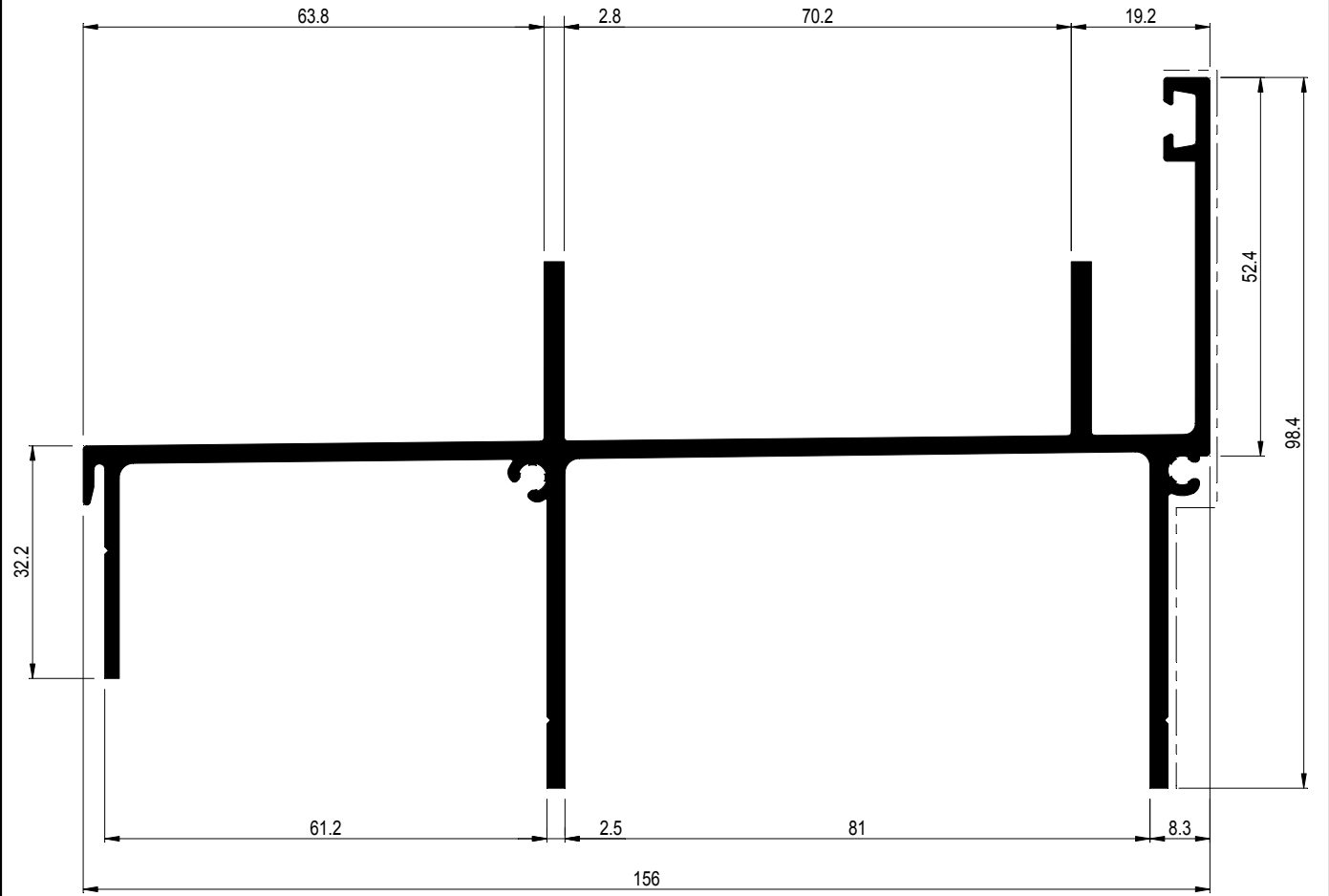
007.0151.00



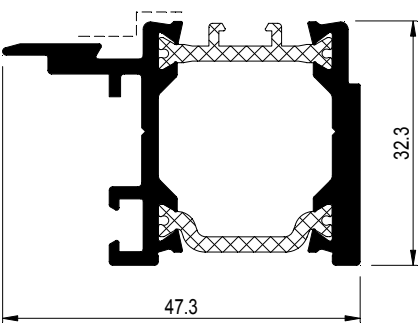


	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
007.0145.XX	80.56	5.9	7.00	257.640	27.654	62.84	36.114	6.864	45.78	Y X 0
007.0199.XX	16.54	-	7.00	4.633	1.590	29.14	2.872	1.699	15.37	

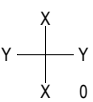
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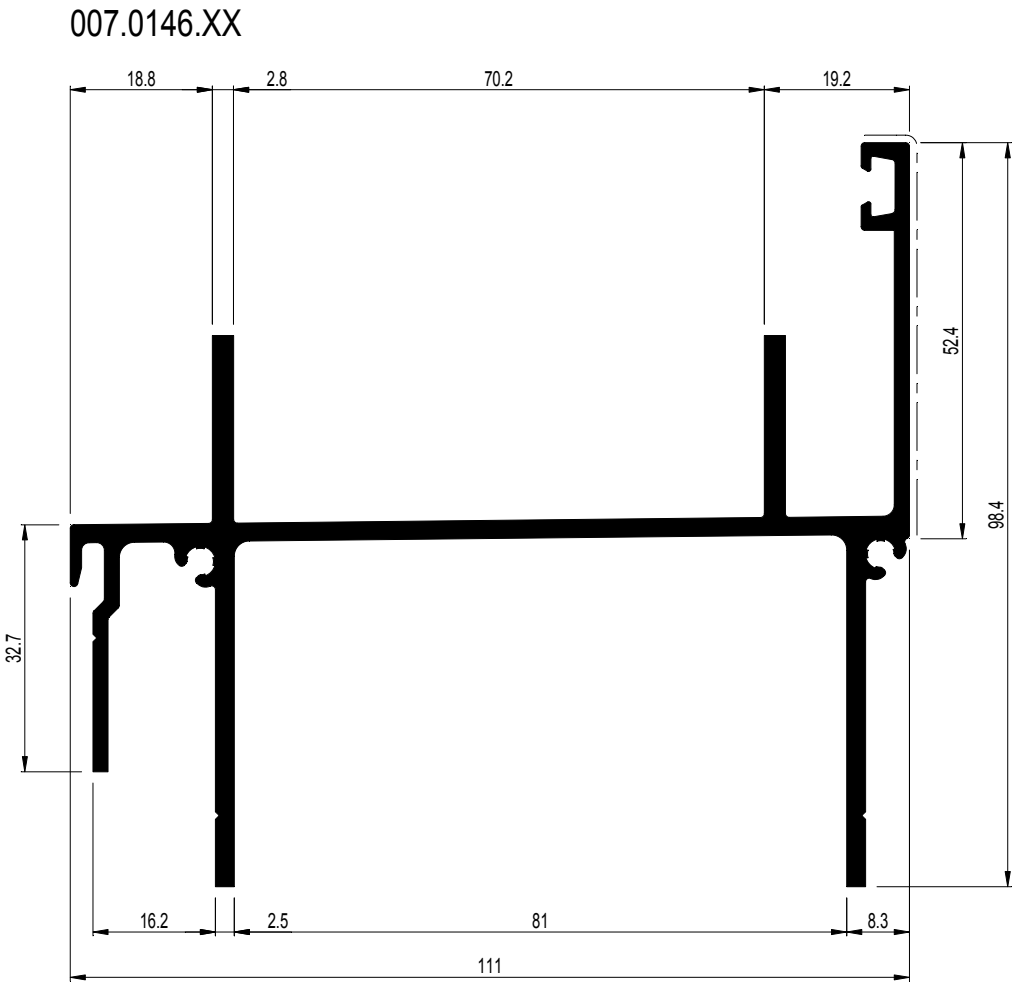


007.0199.XX



D0044414

				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
007.0146.XX	71.46	5.9	7.00	144.000	23.585	49.95	36.050	6.842	45.71	



CW 86-EF

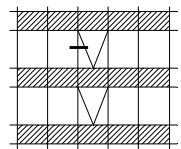
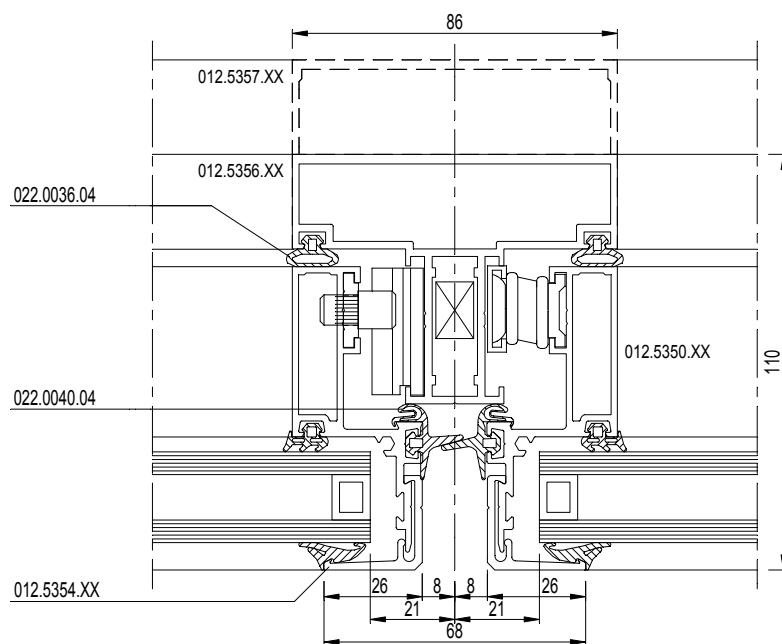
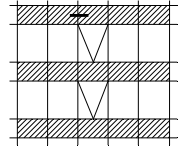
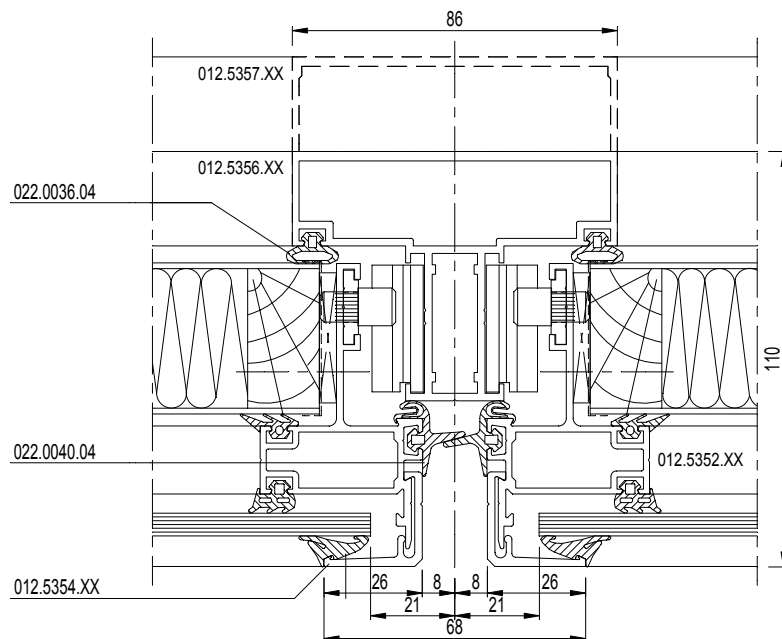
ONDERDORPEL
SEUIL
SILL
BASISPROFIL

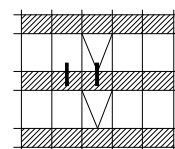
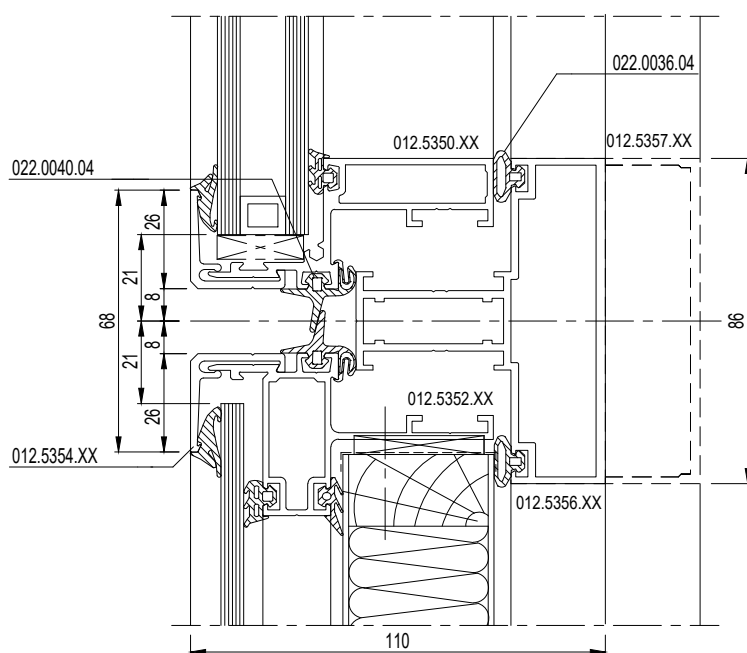
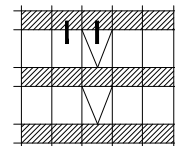
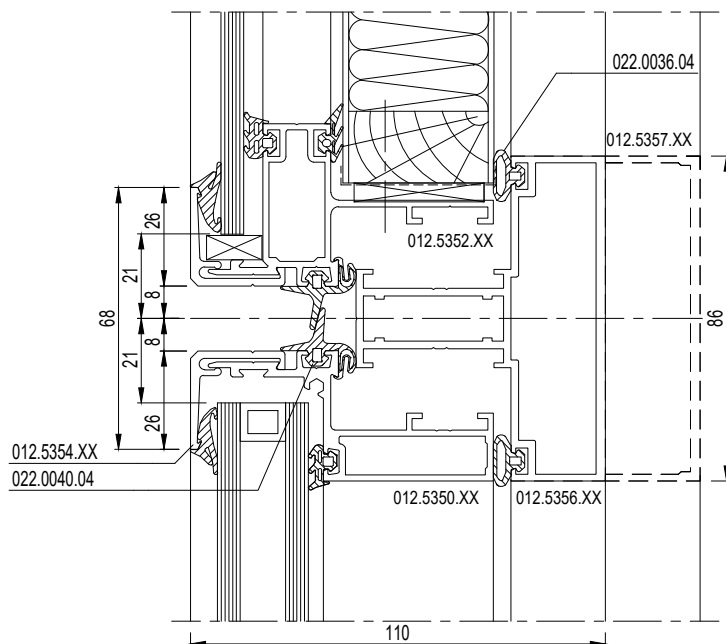


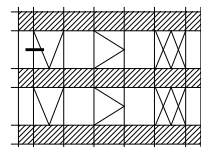
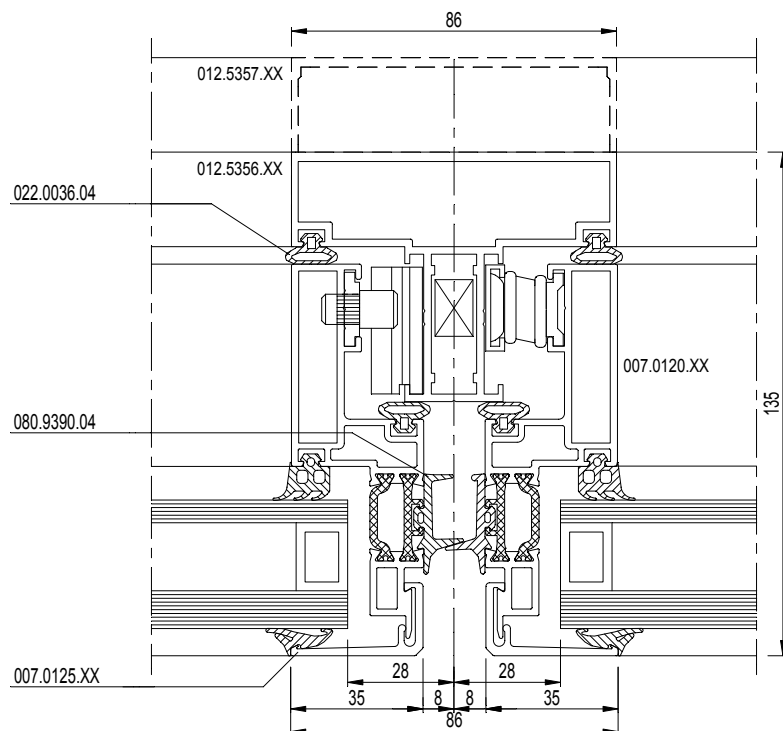
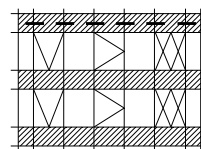
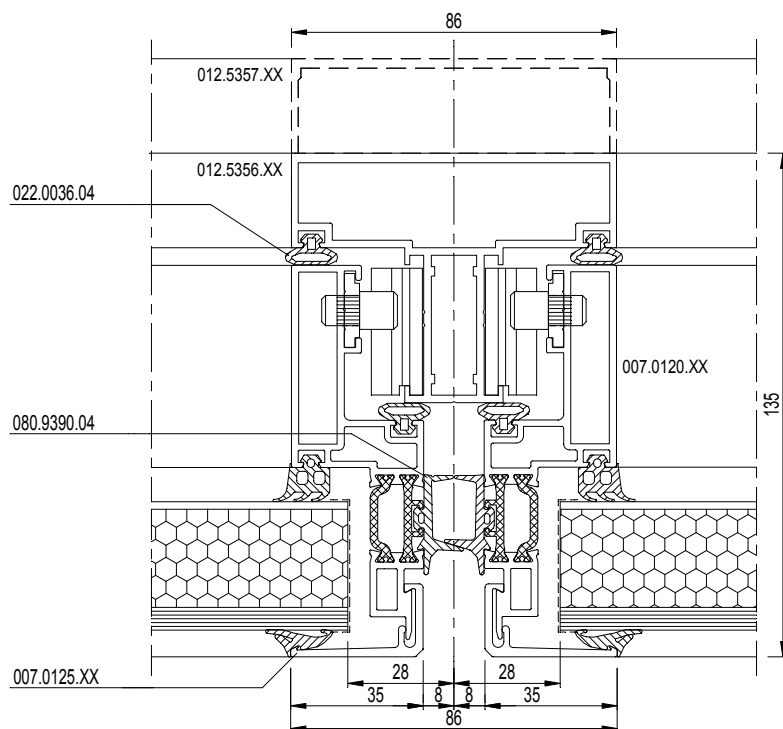
C

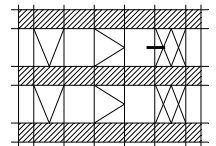
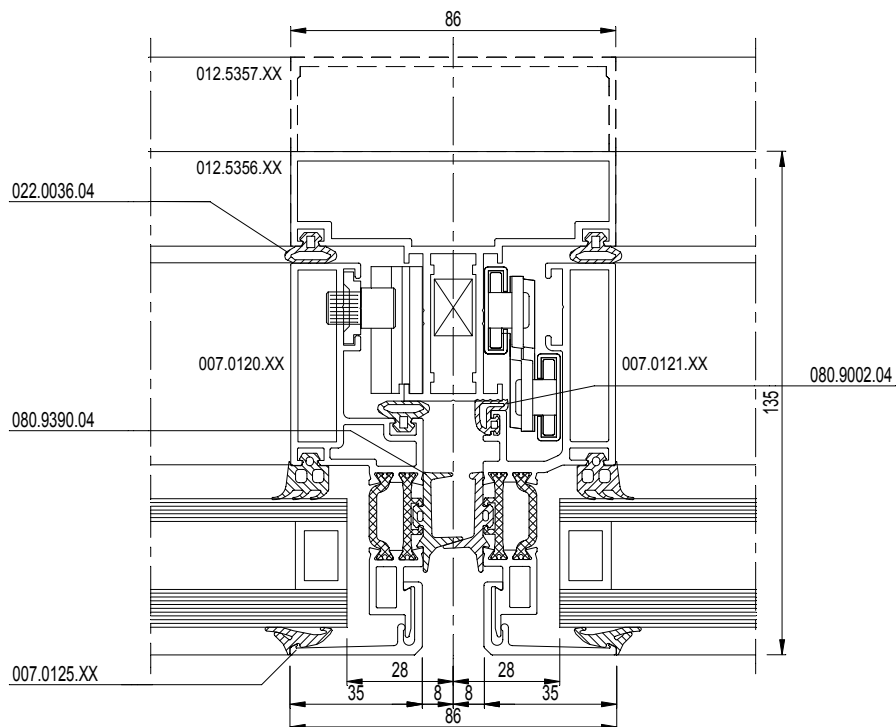
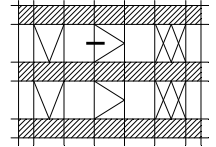
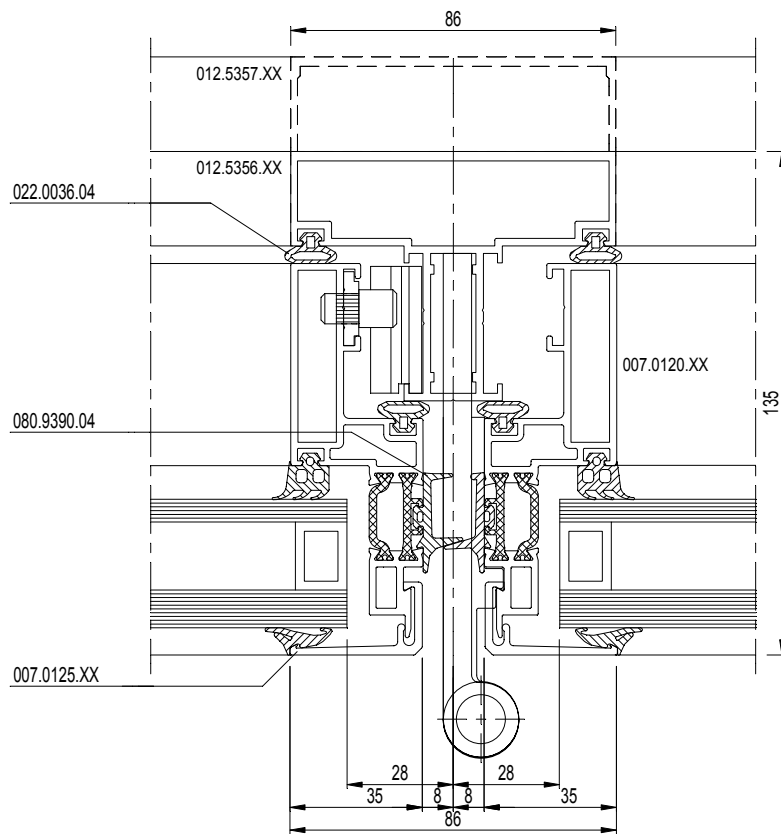
D

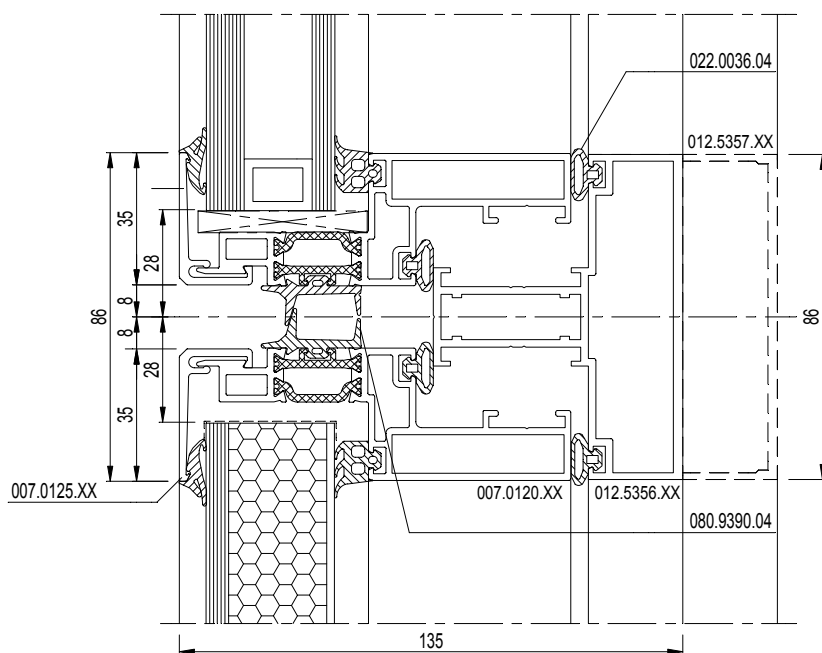
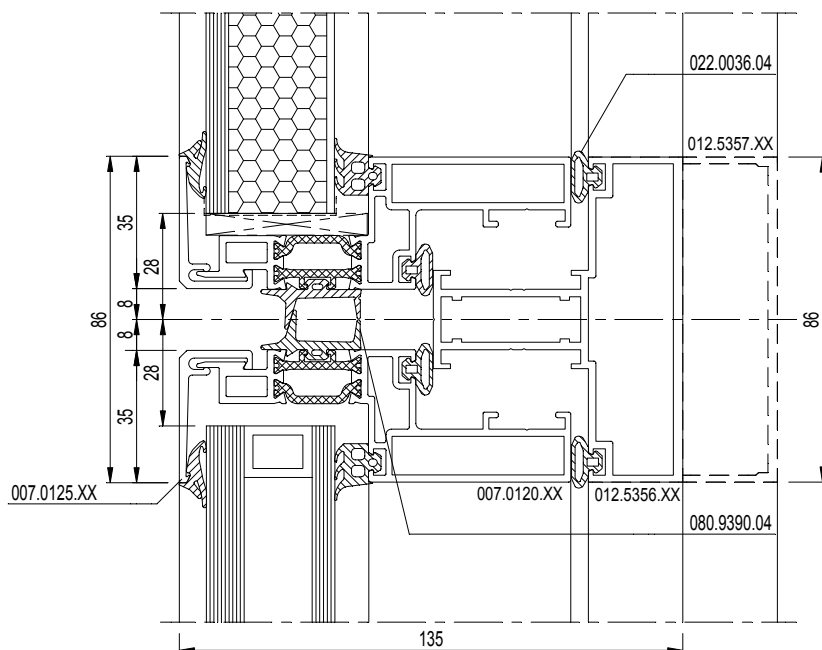
Doorsnedetekeningen
Sections des noeuds
Section drawings
Profilkombinationen

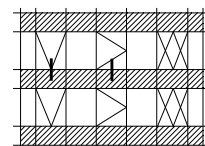
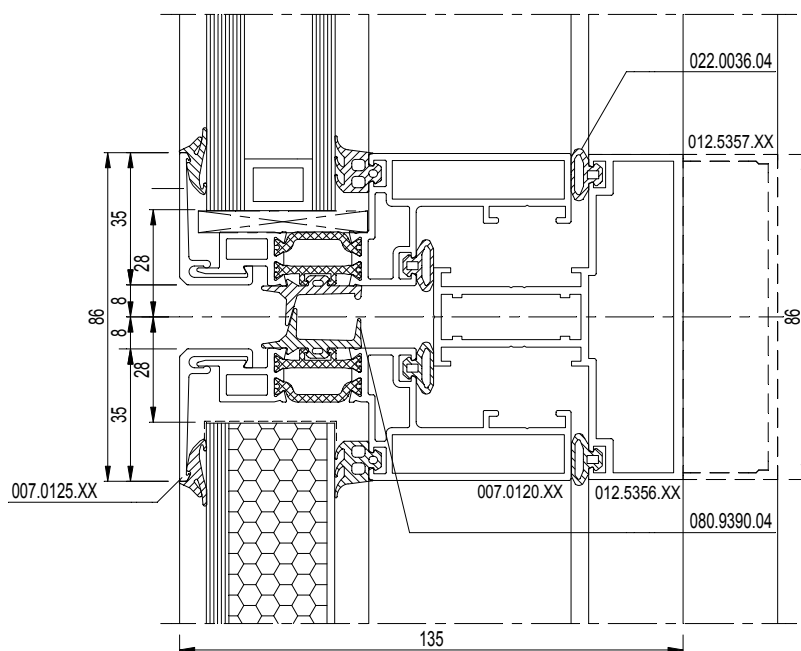
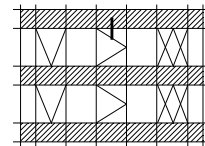
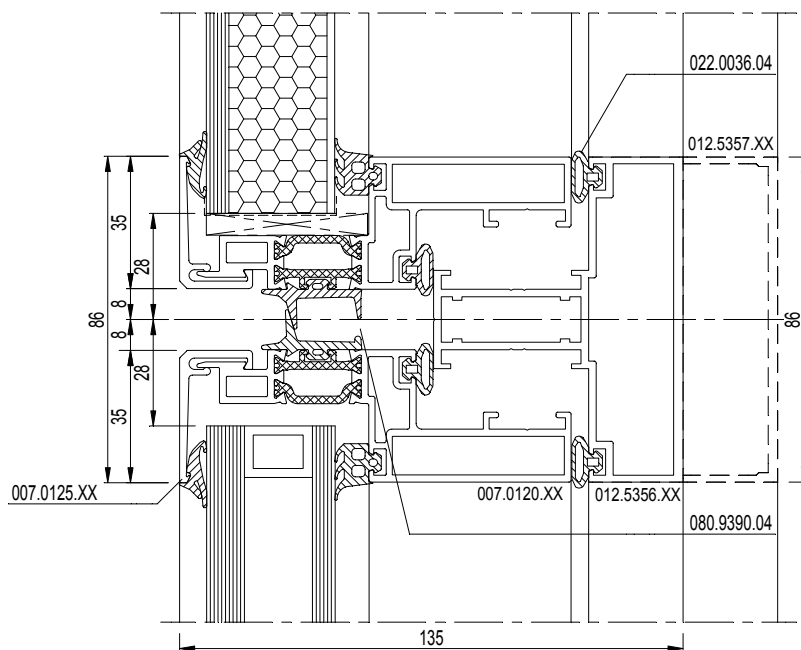


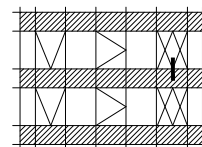
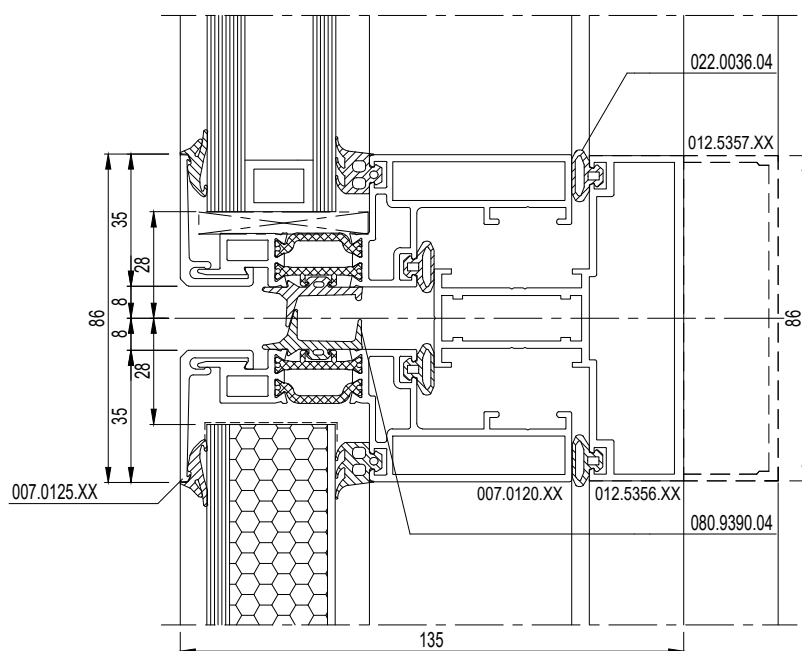
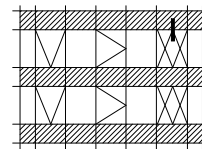
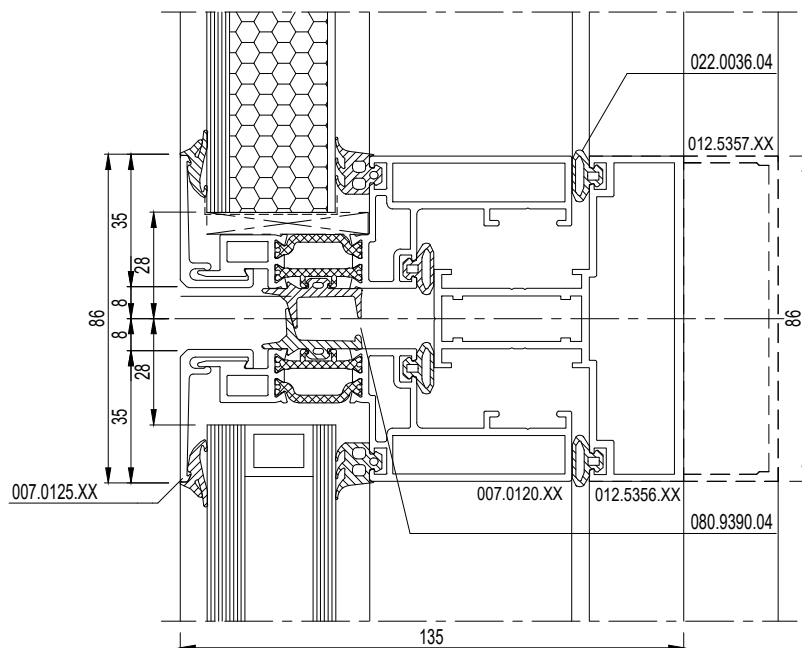


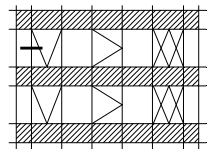
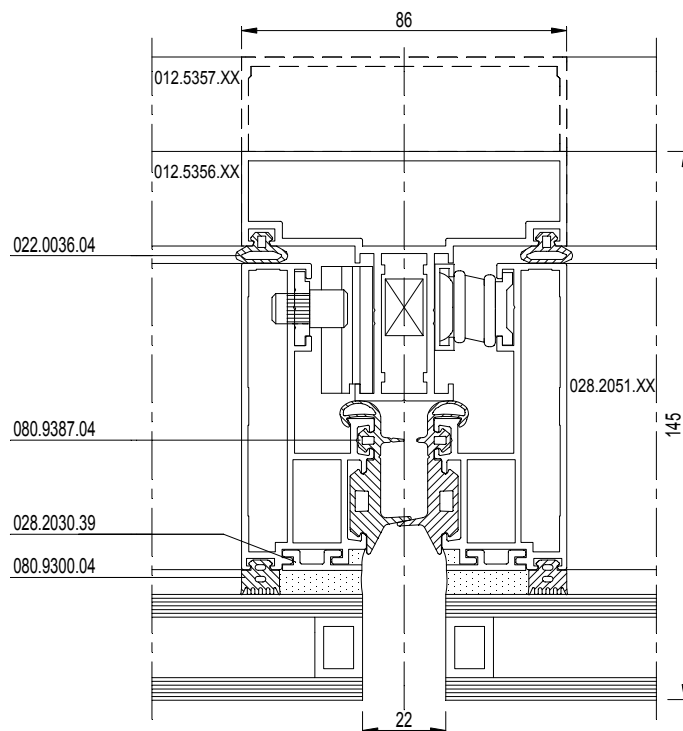
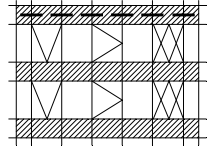
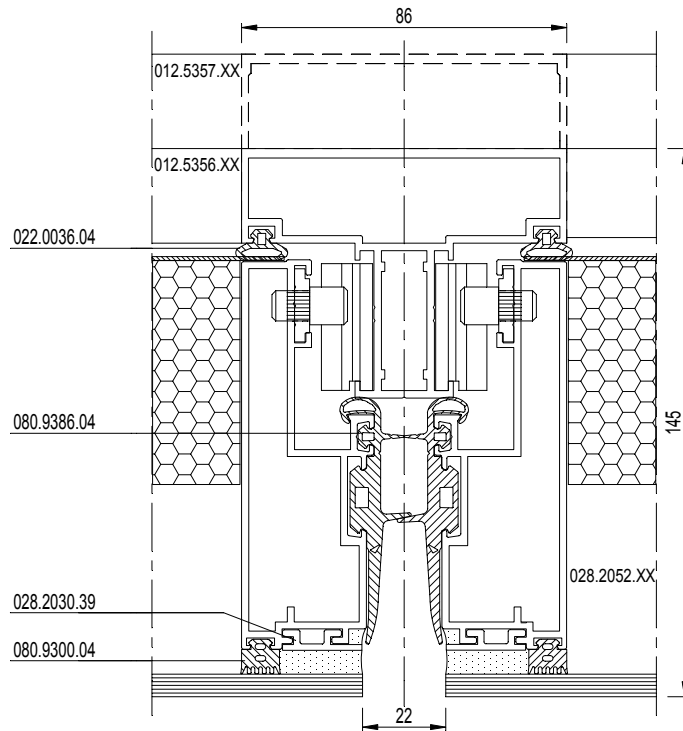


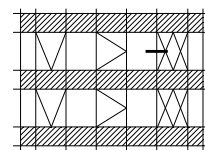
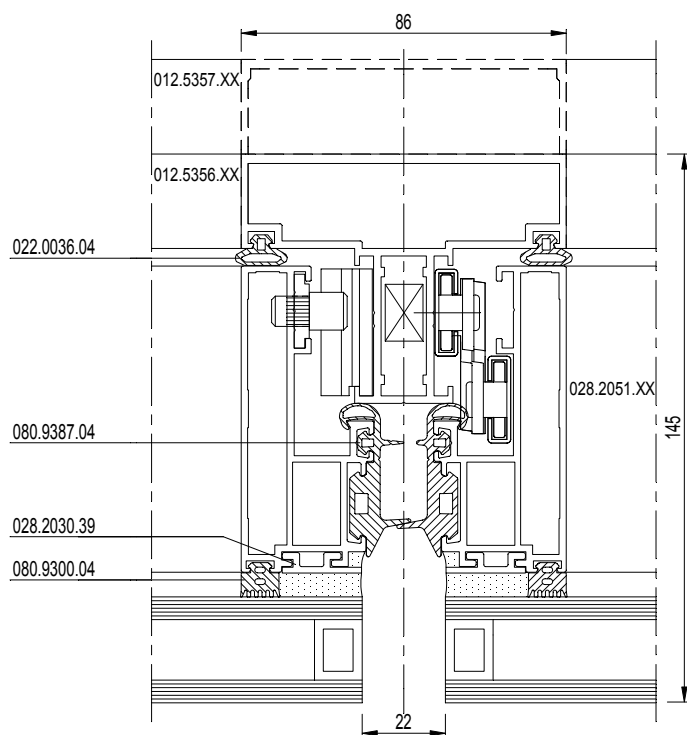
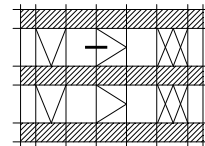
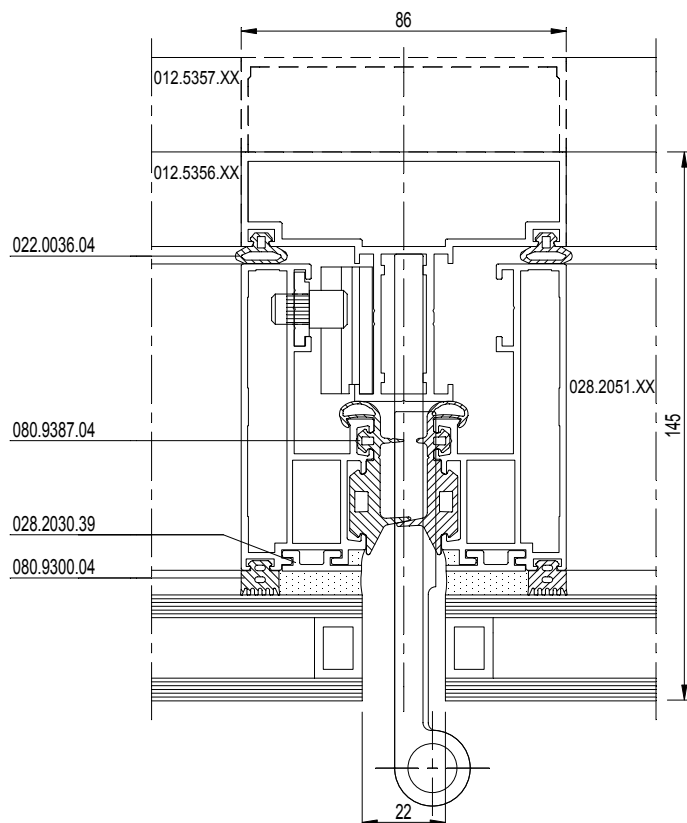


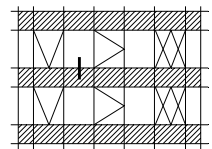
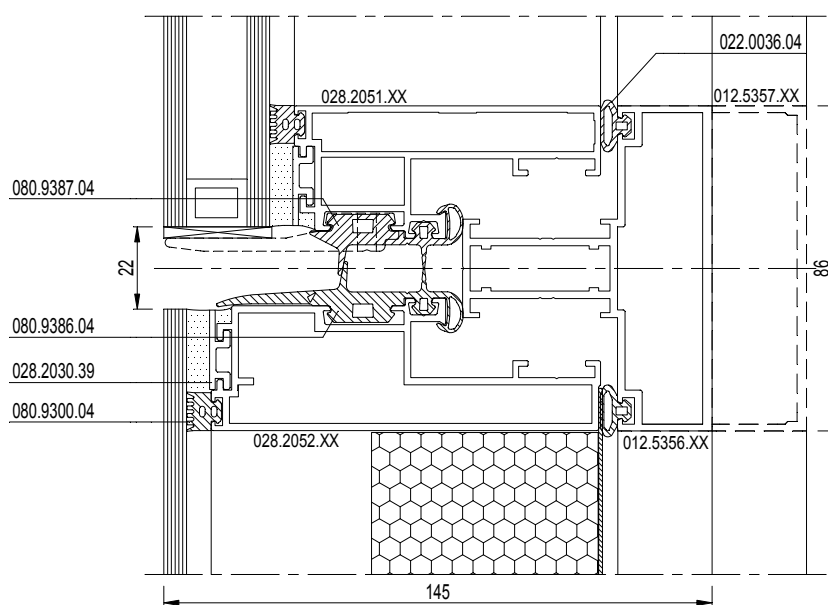
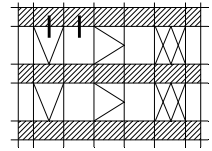
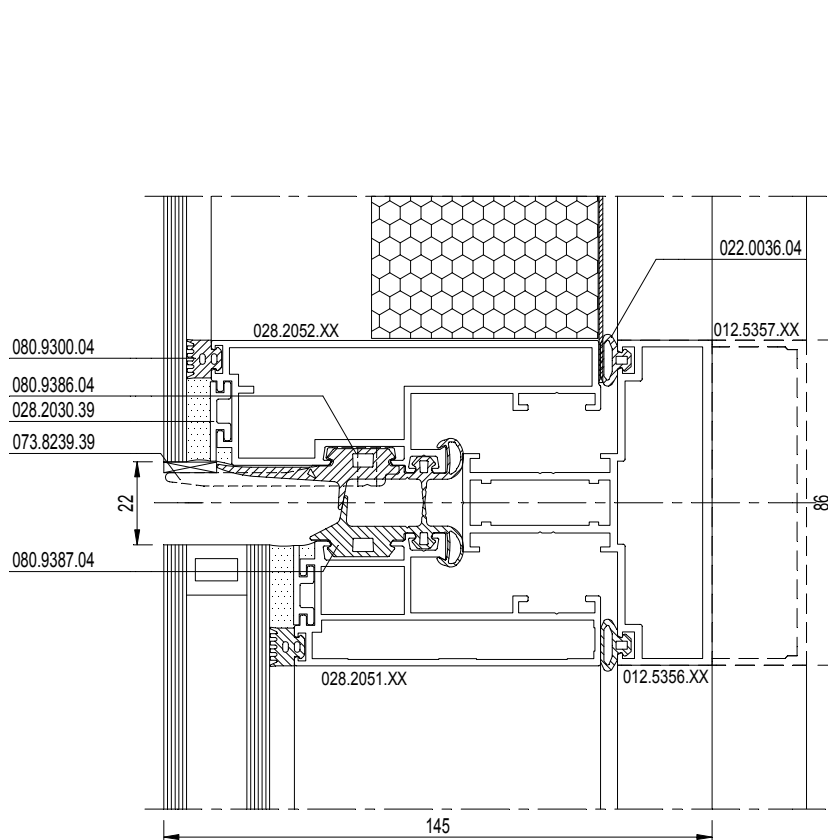


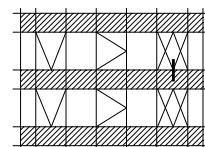
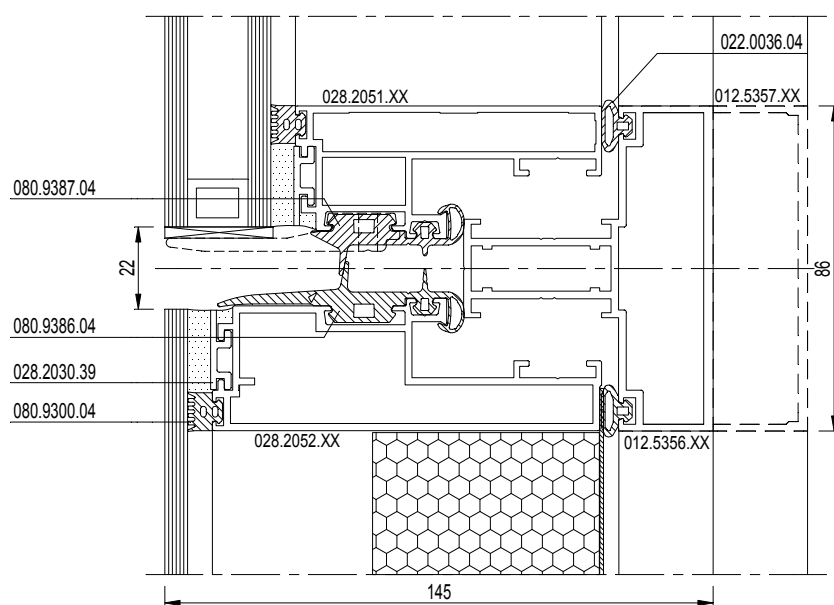
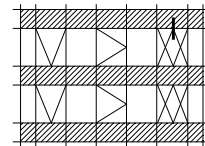
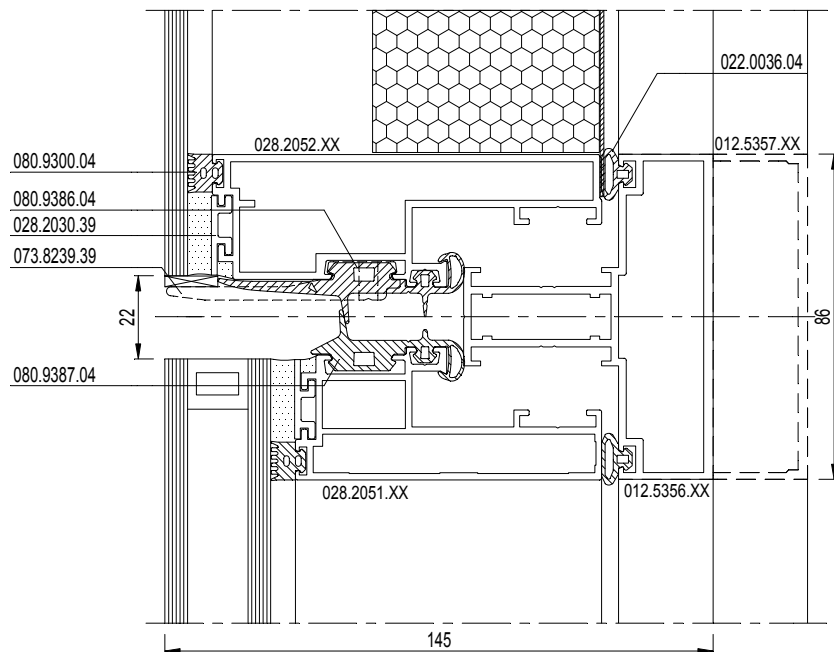


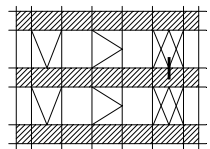
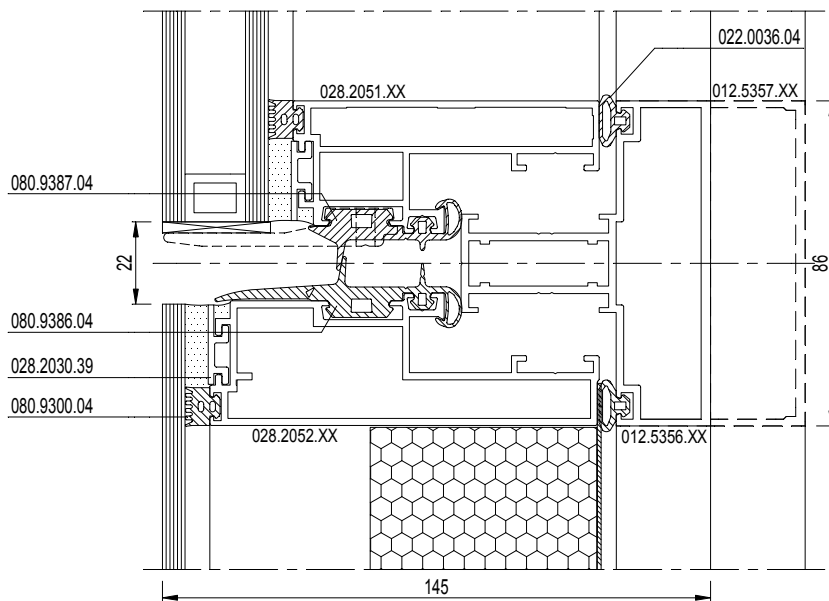
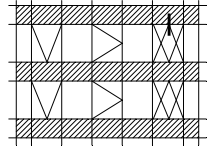
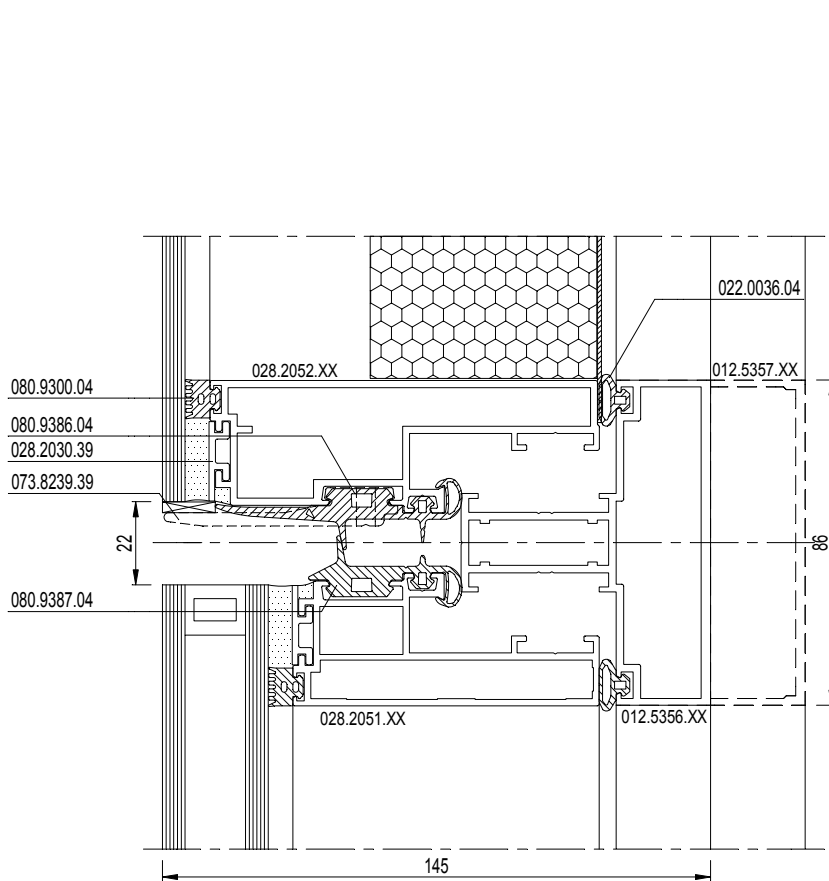


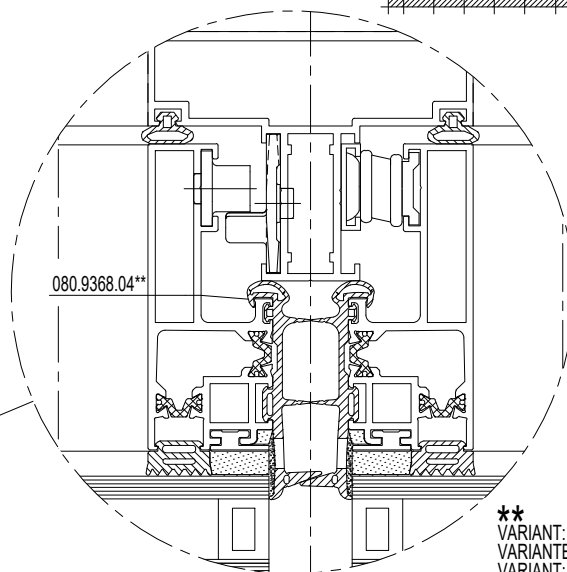
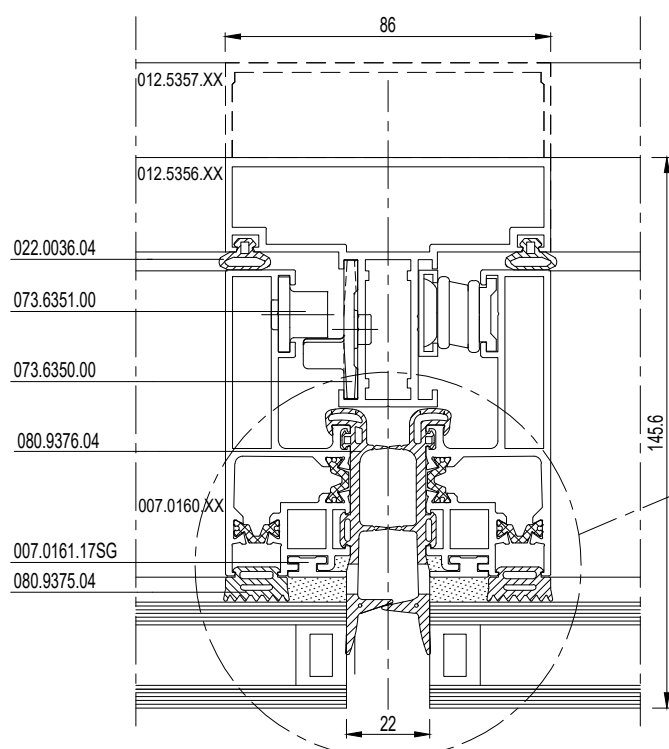
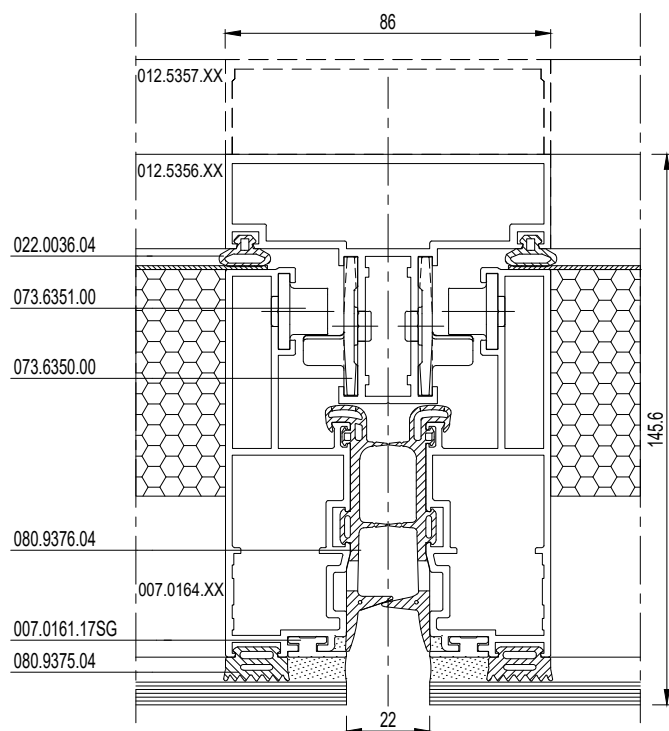




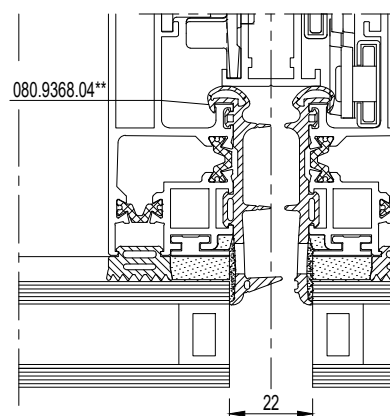
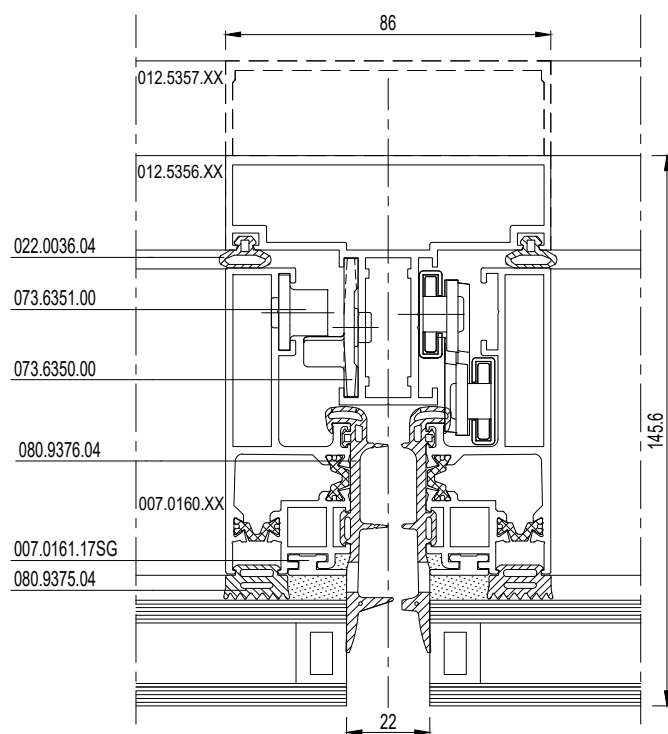
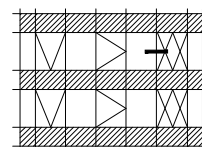
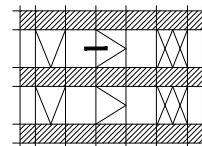
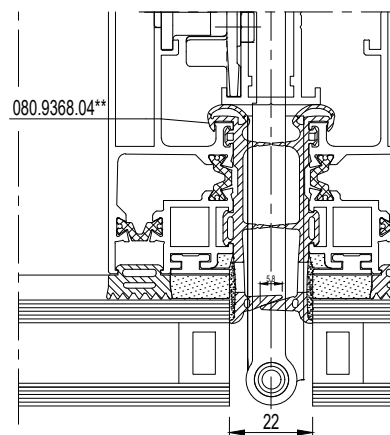
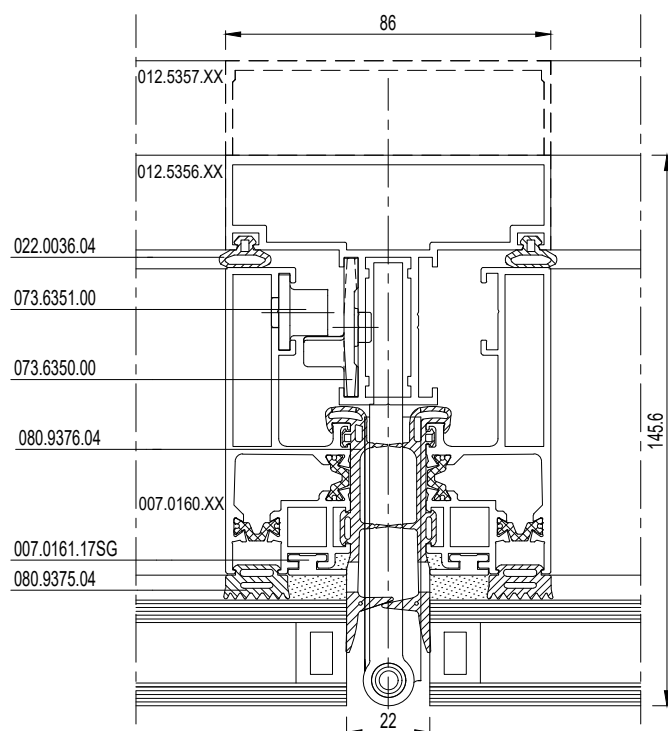




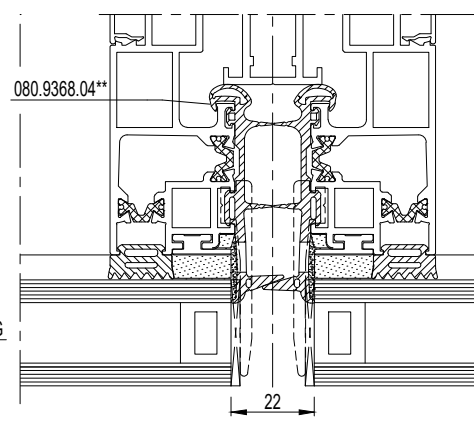
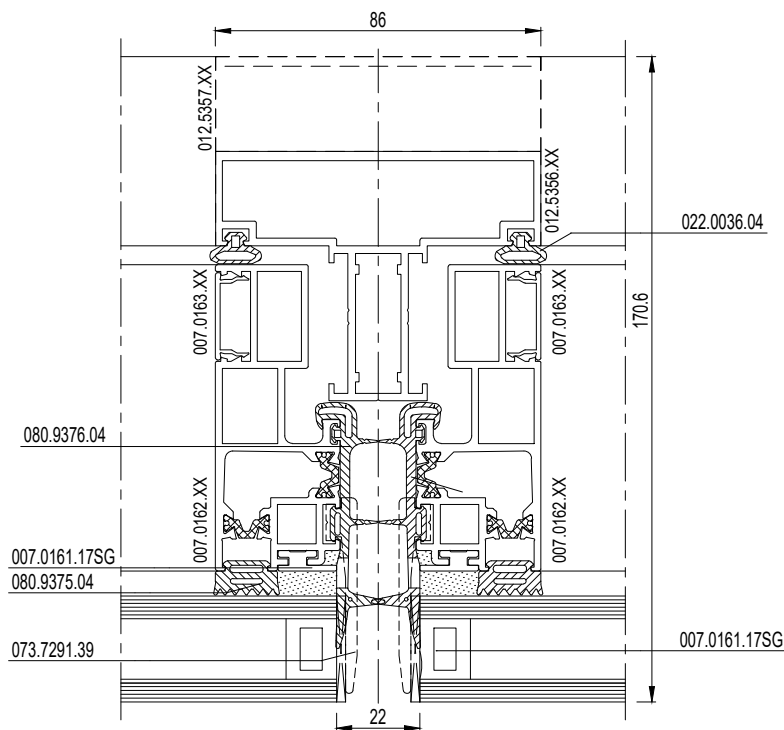




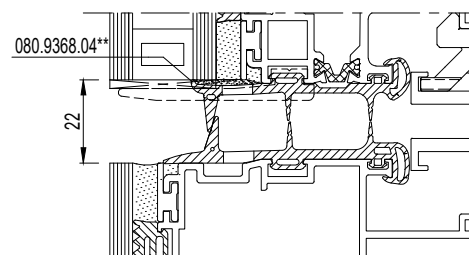
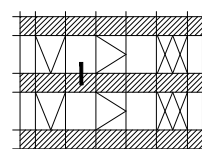
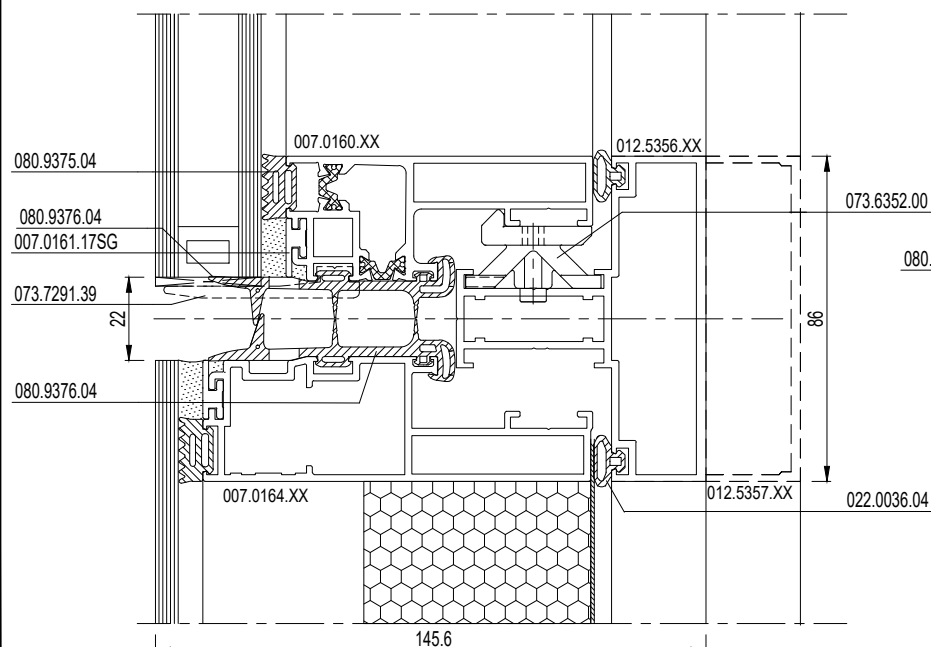
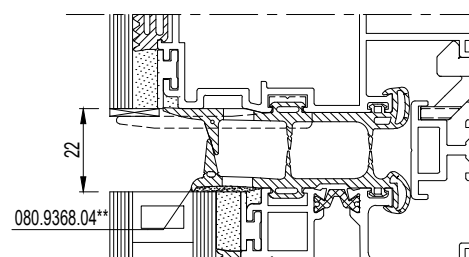
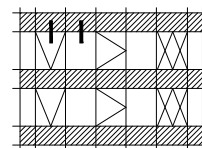
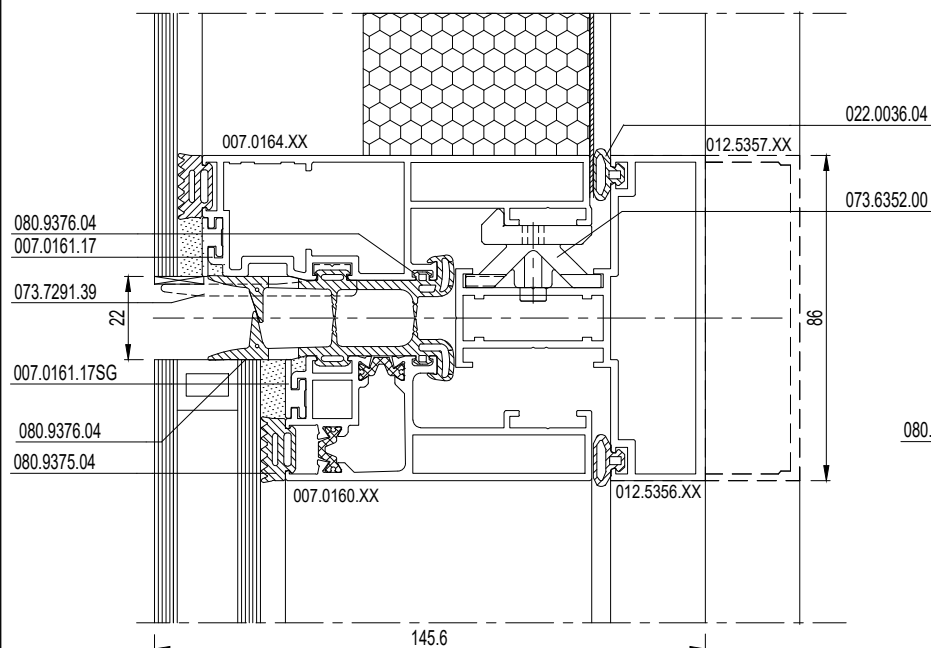
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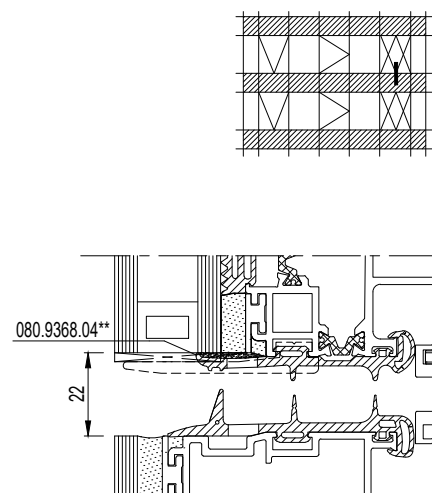
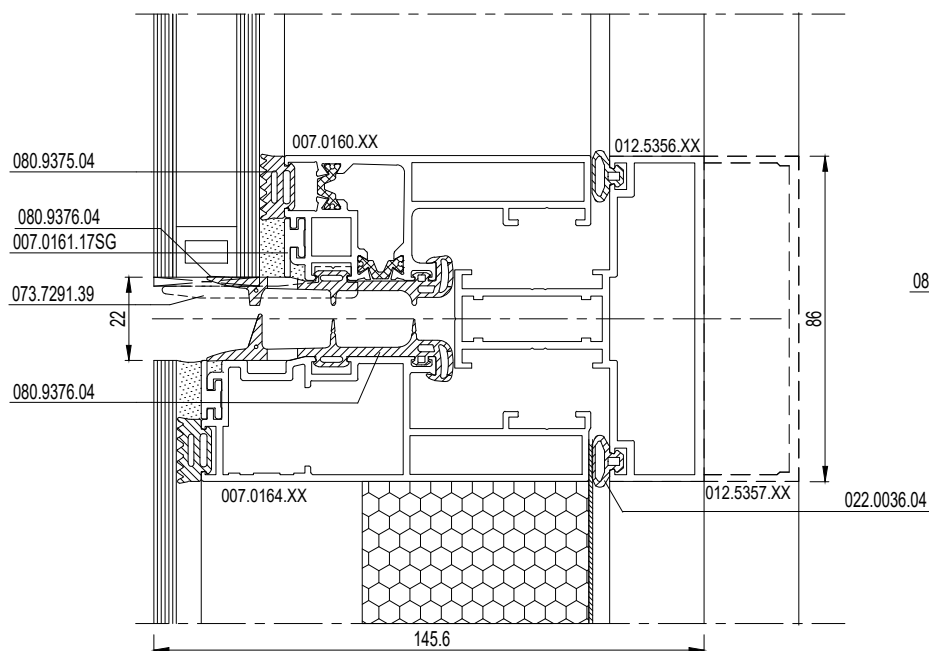
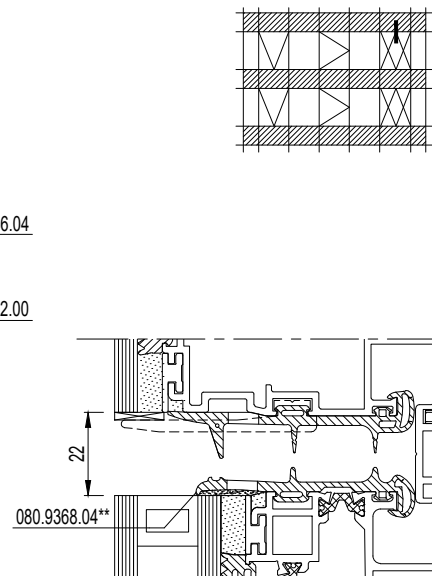
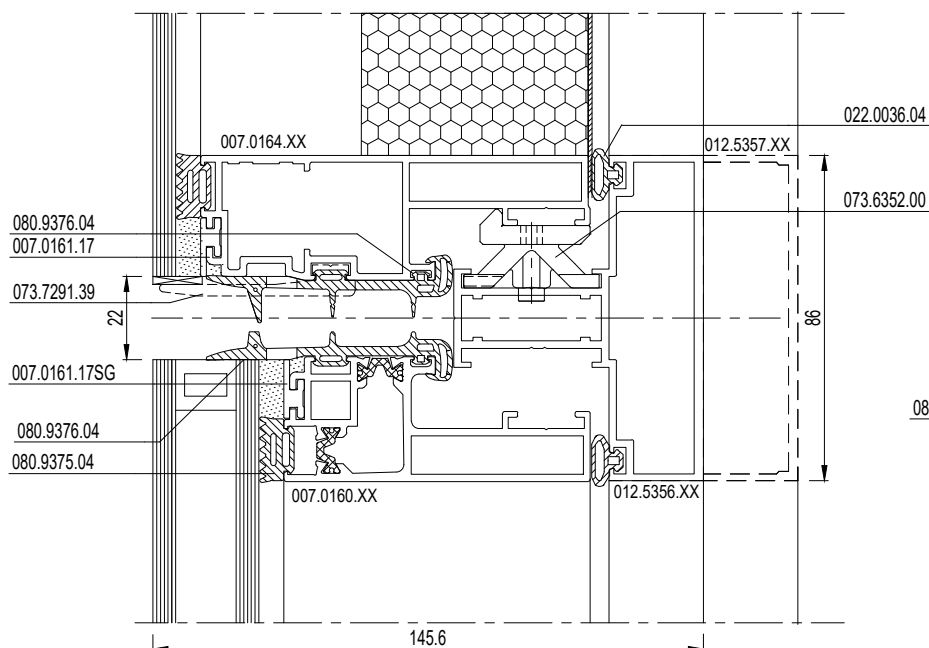
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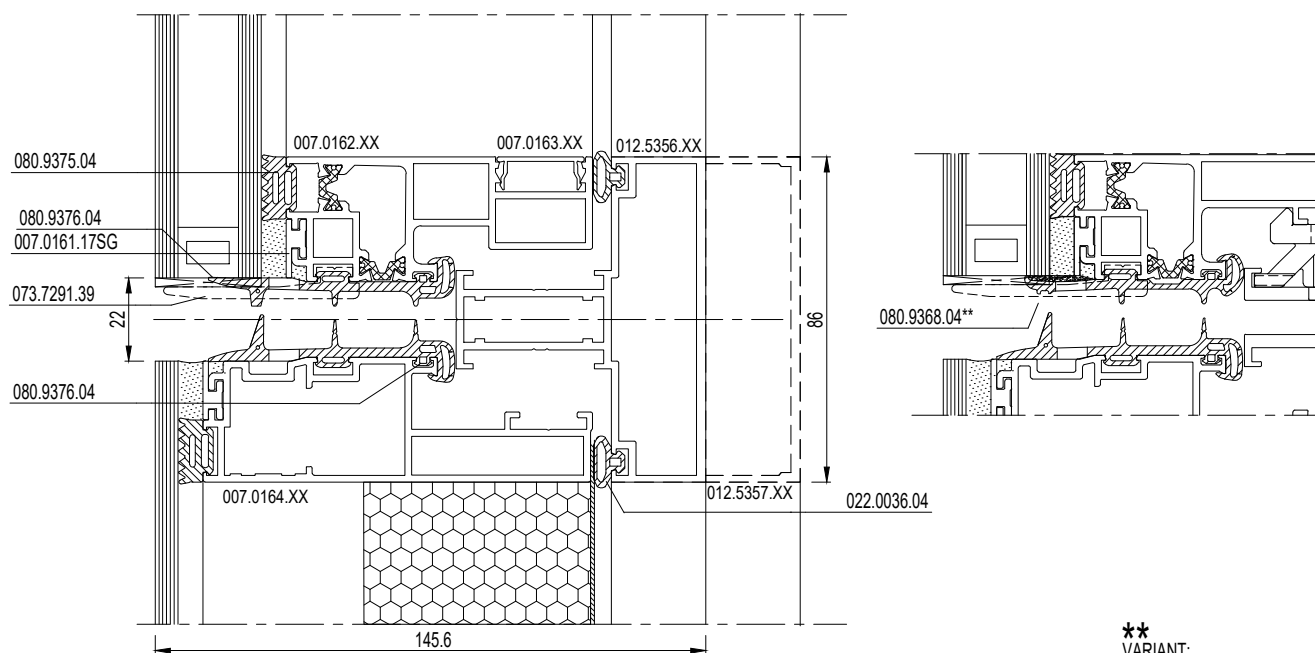
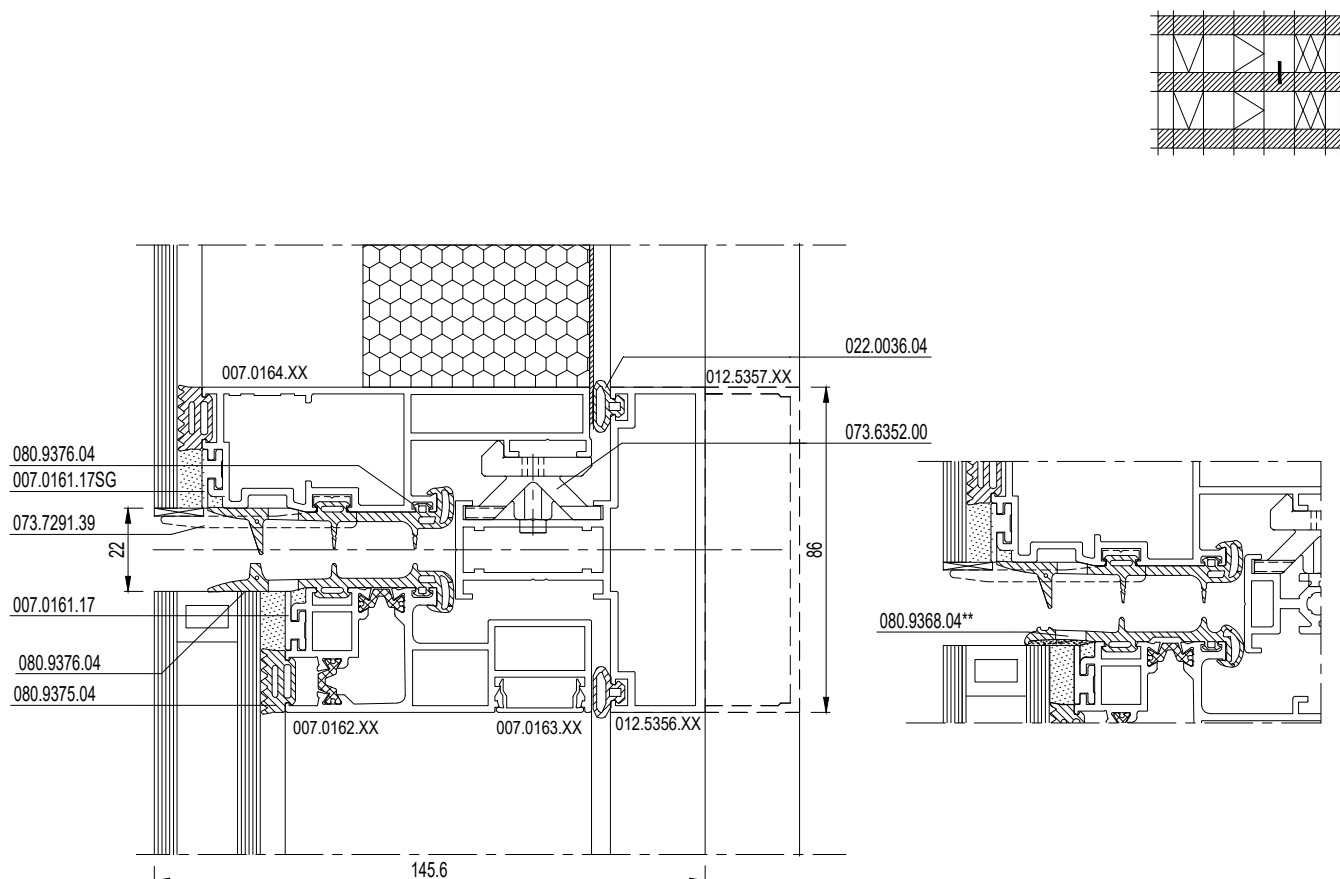
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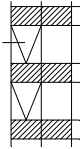
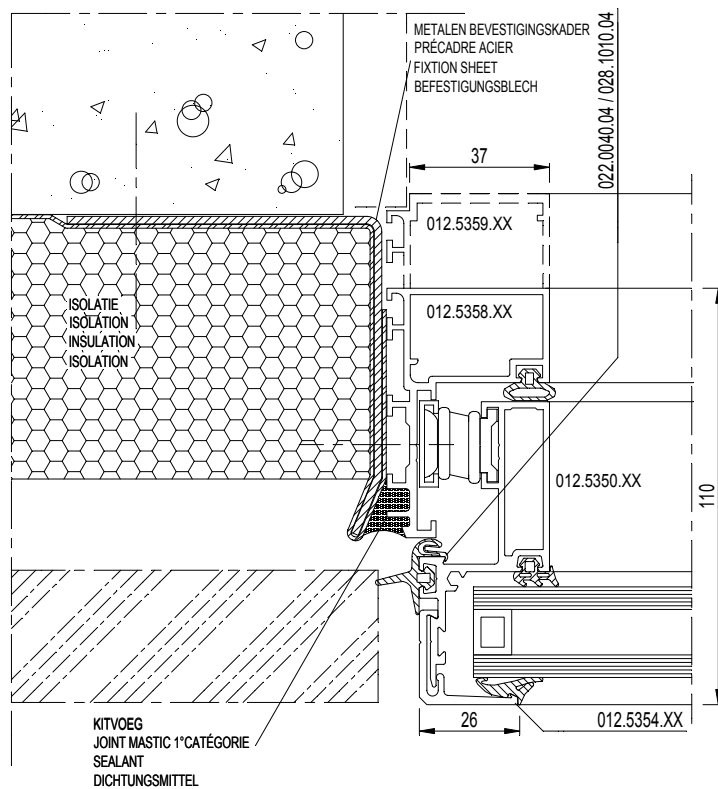
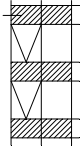
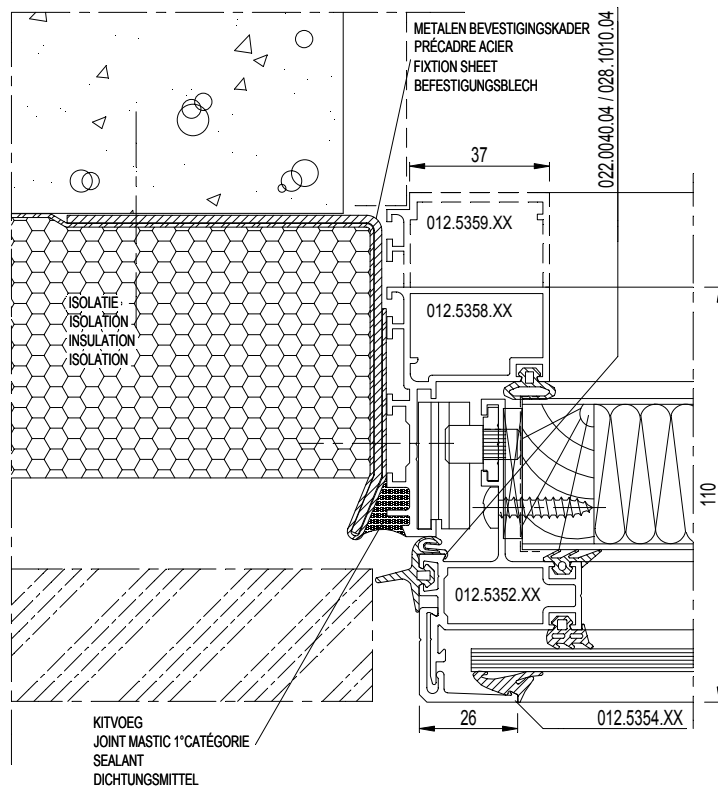
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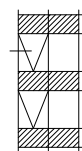
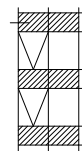
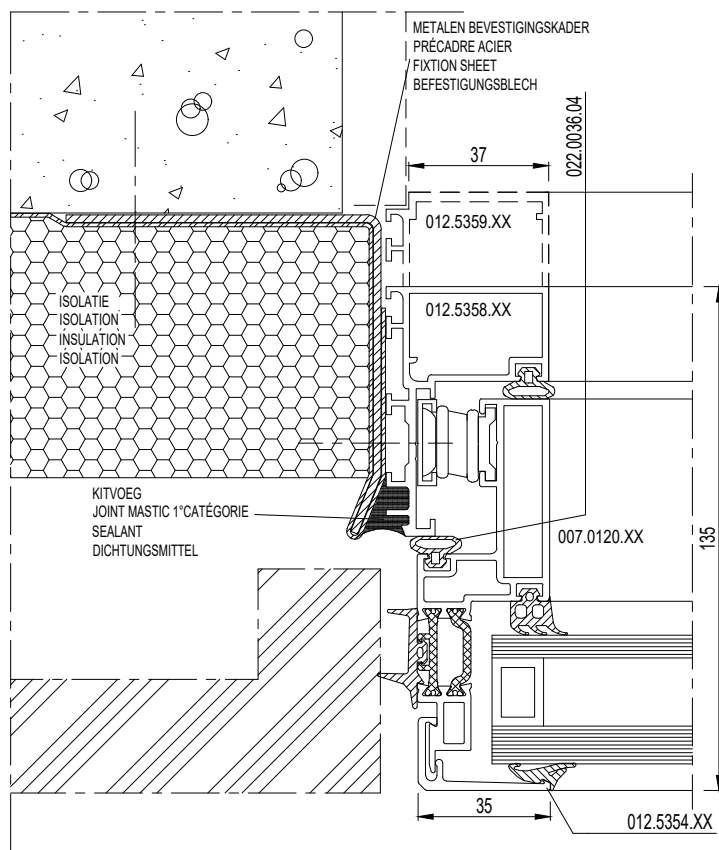
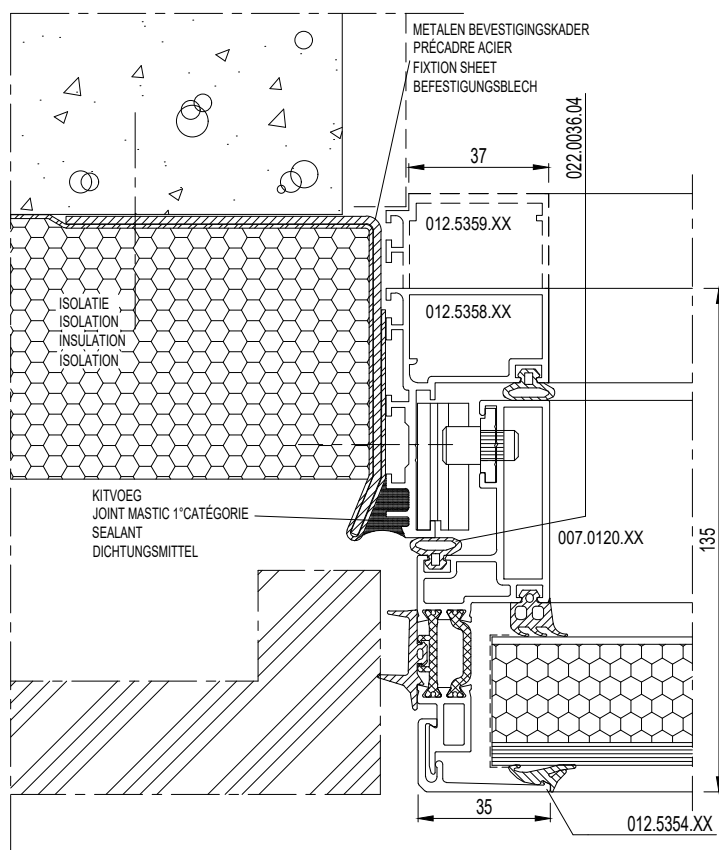


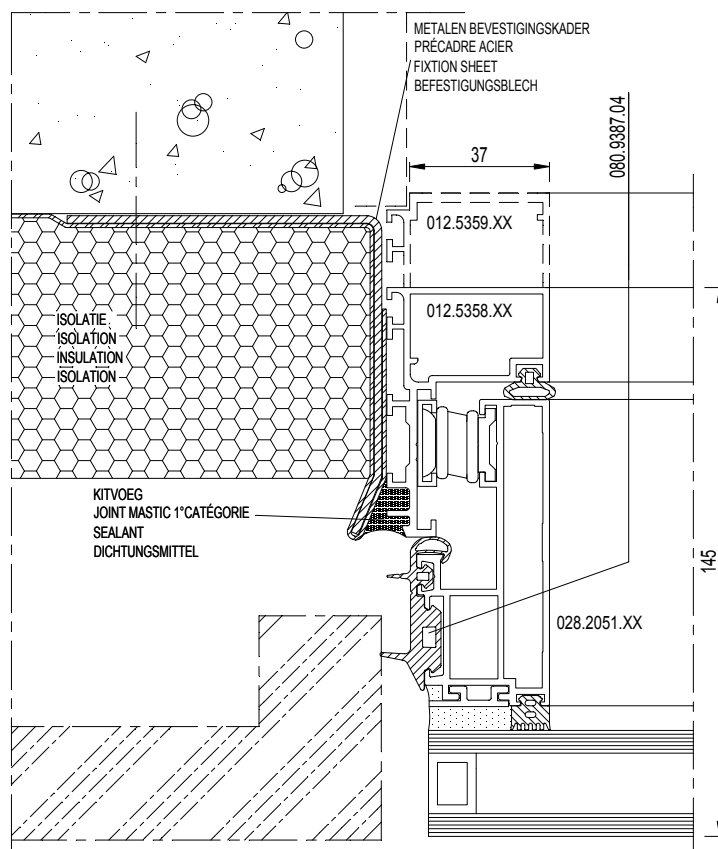
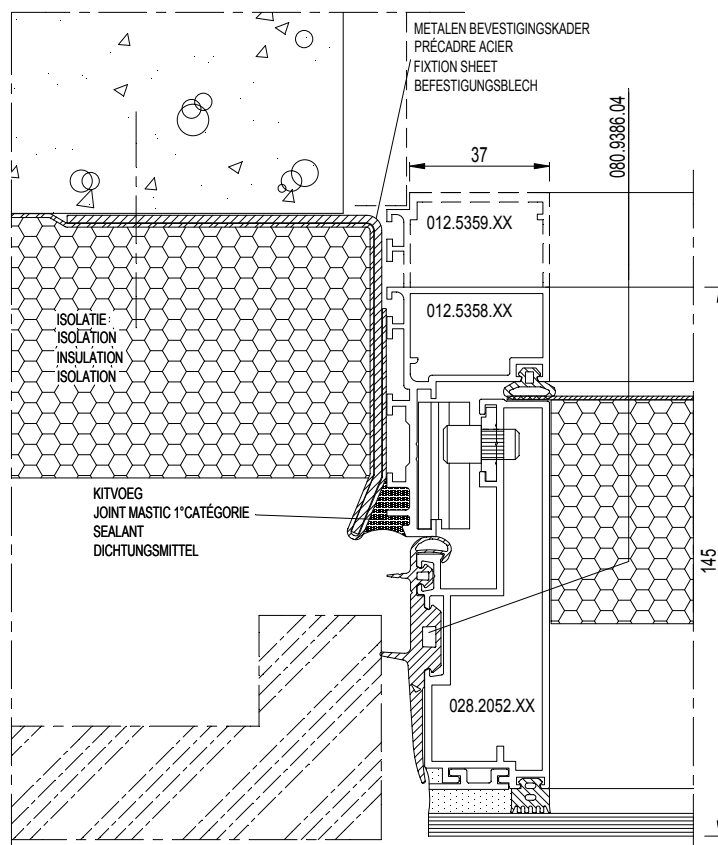
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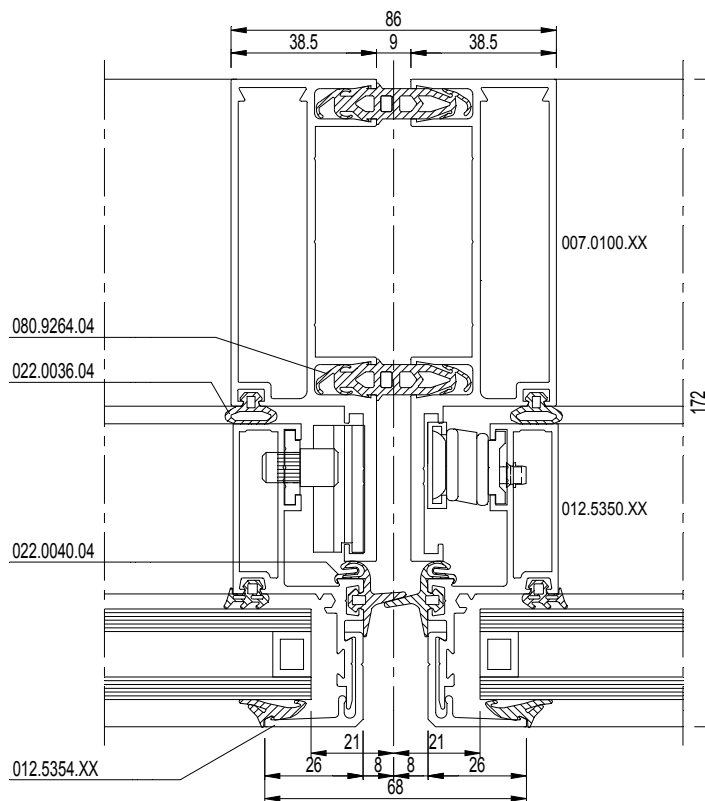
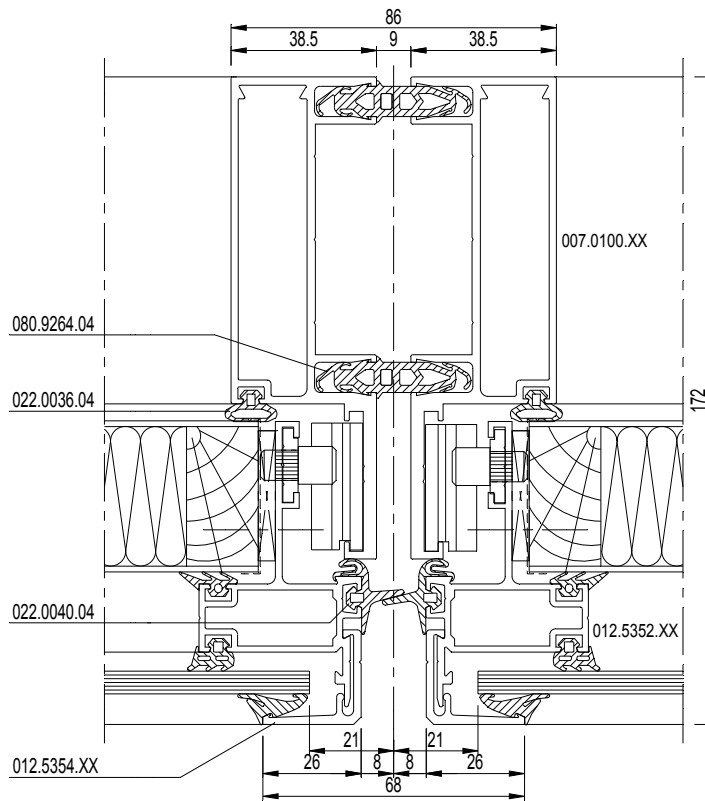


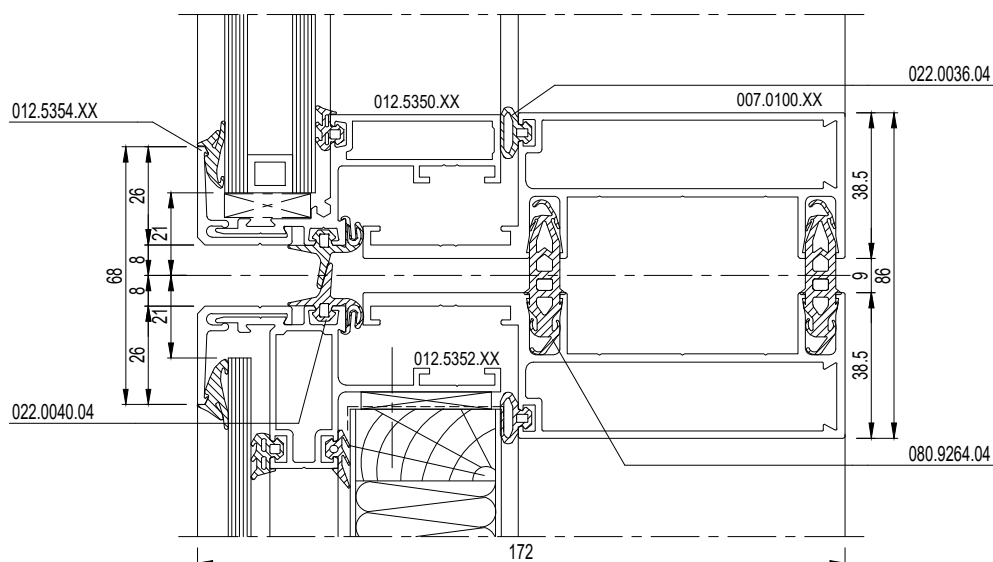
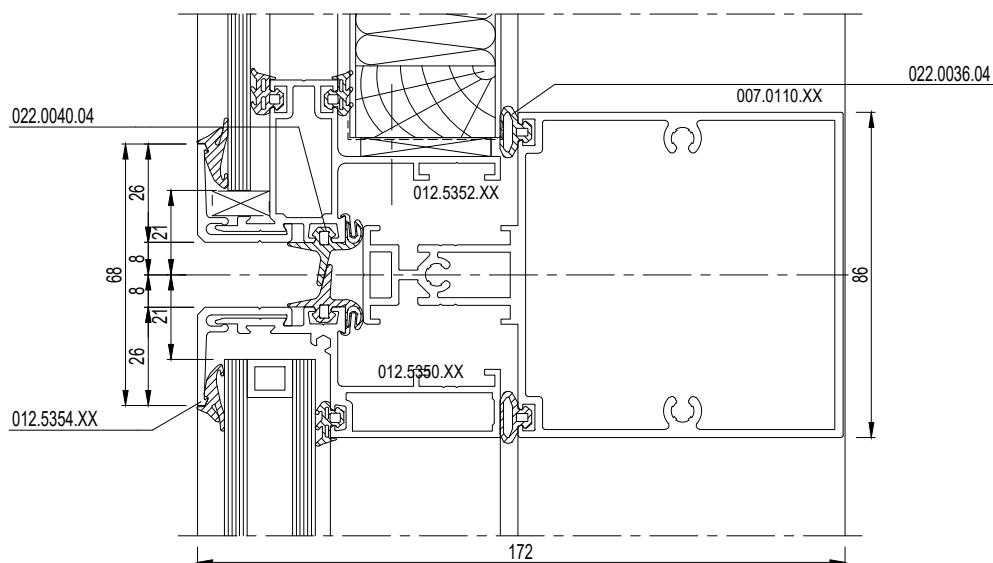
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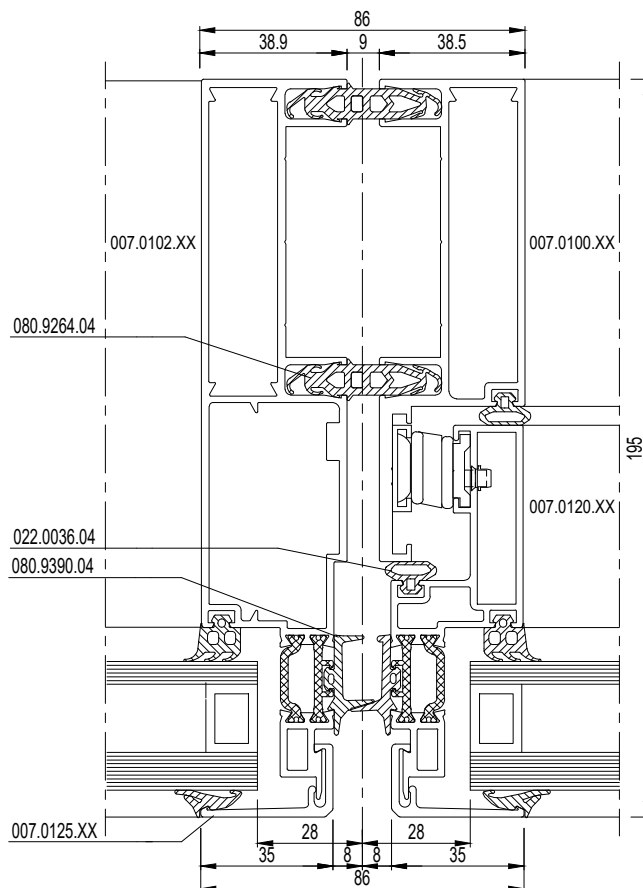
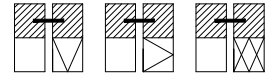
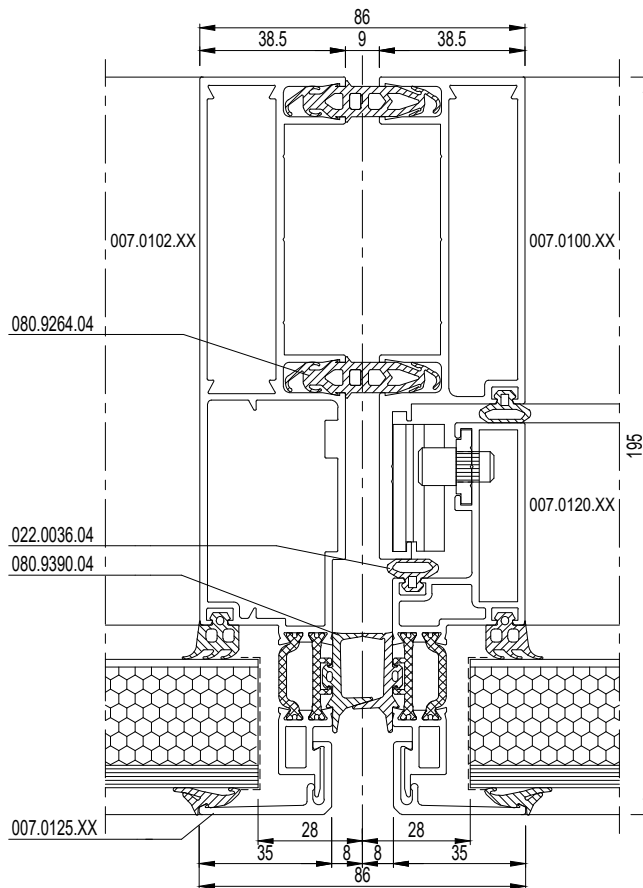


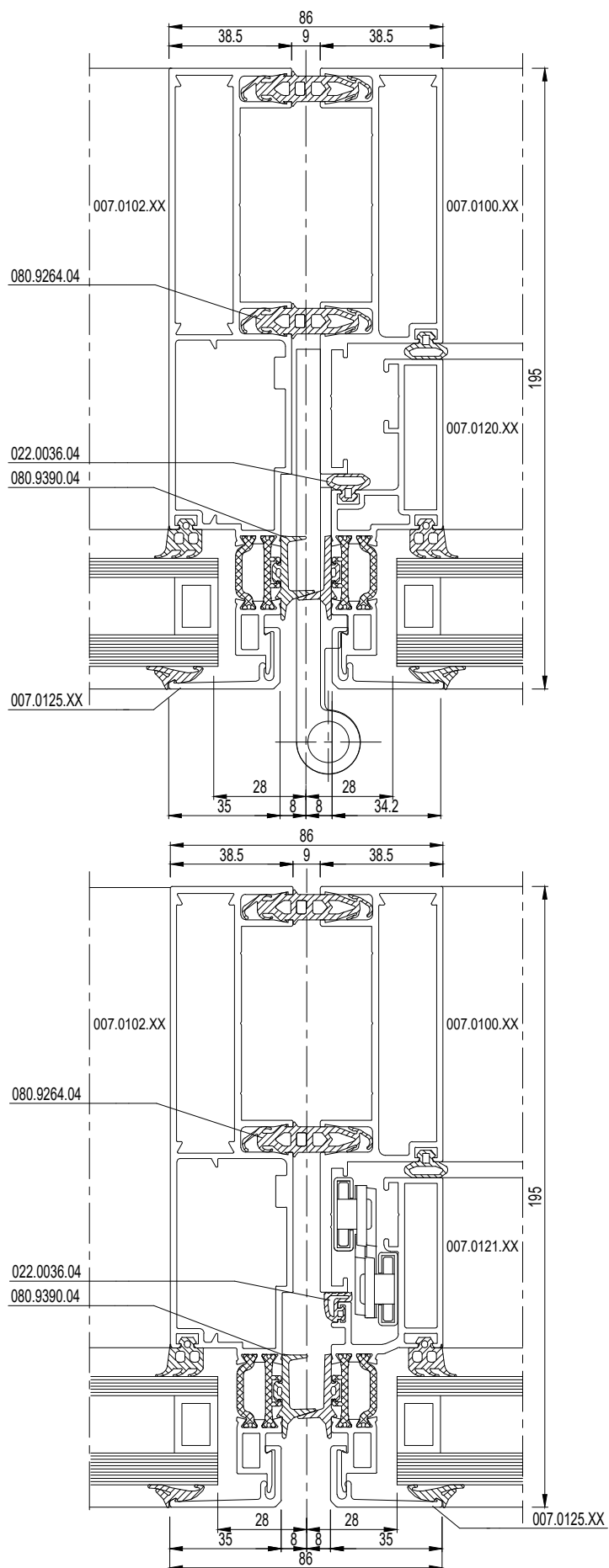


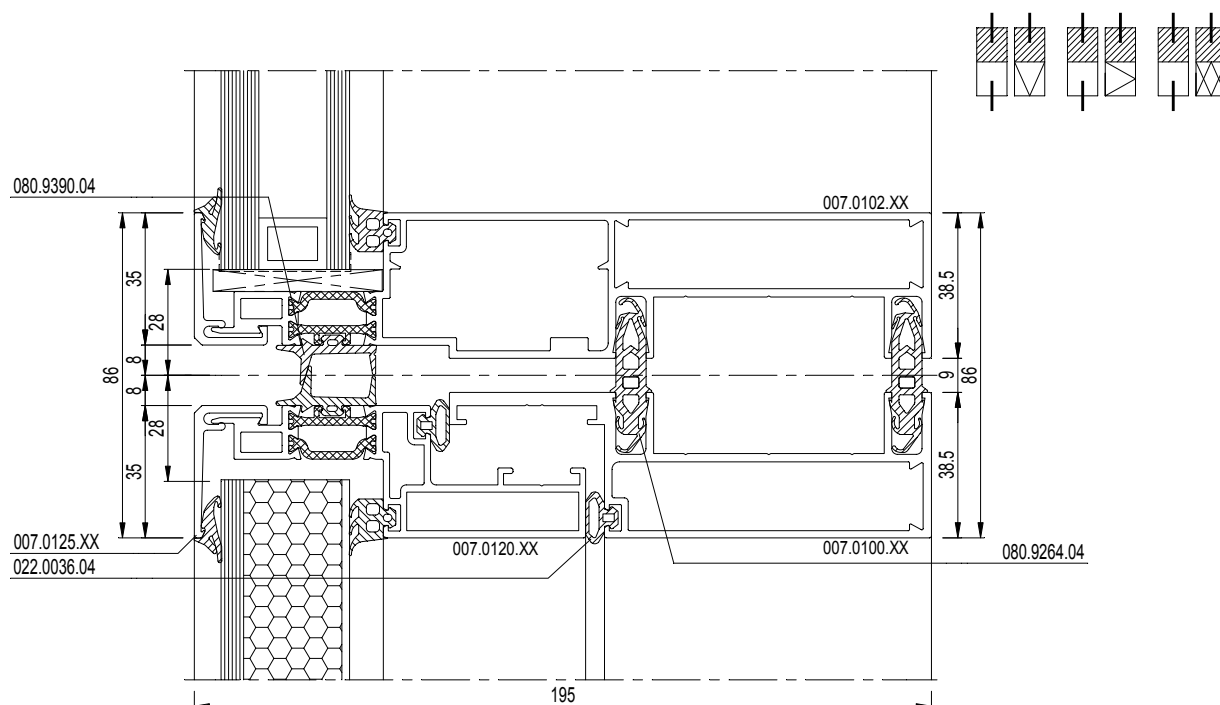
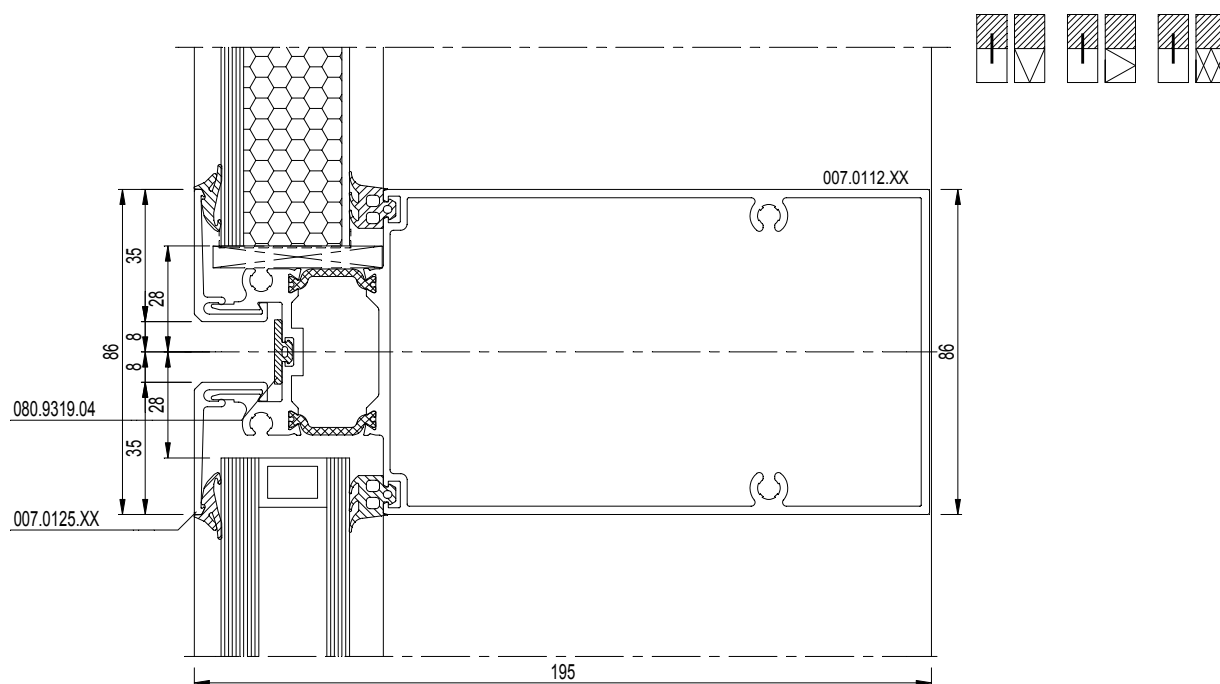


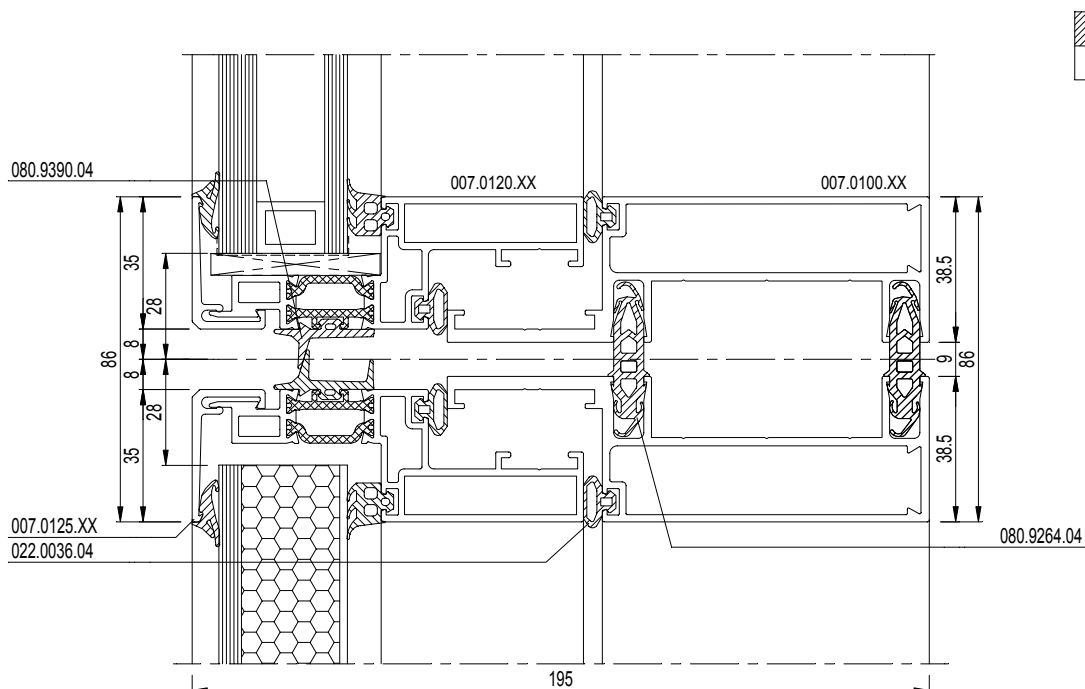
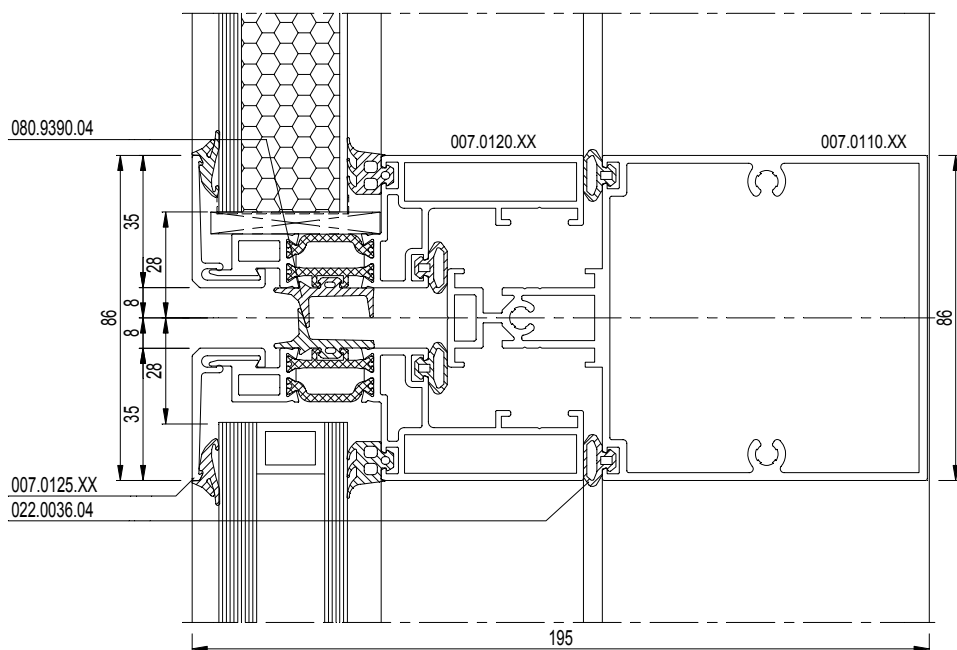


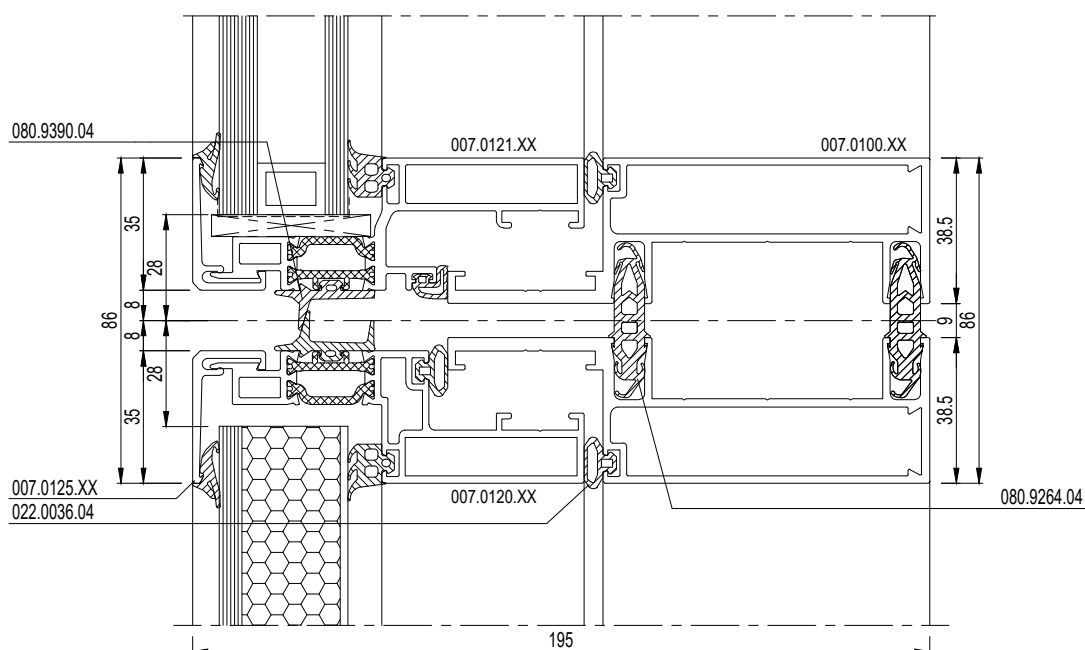
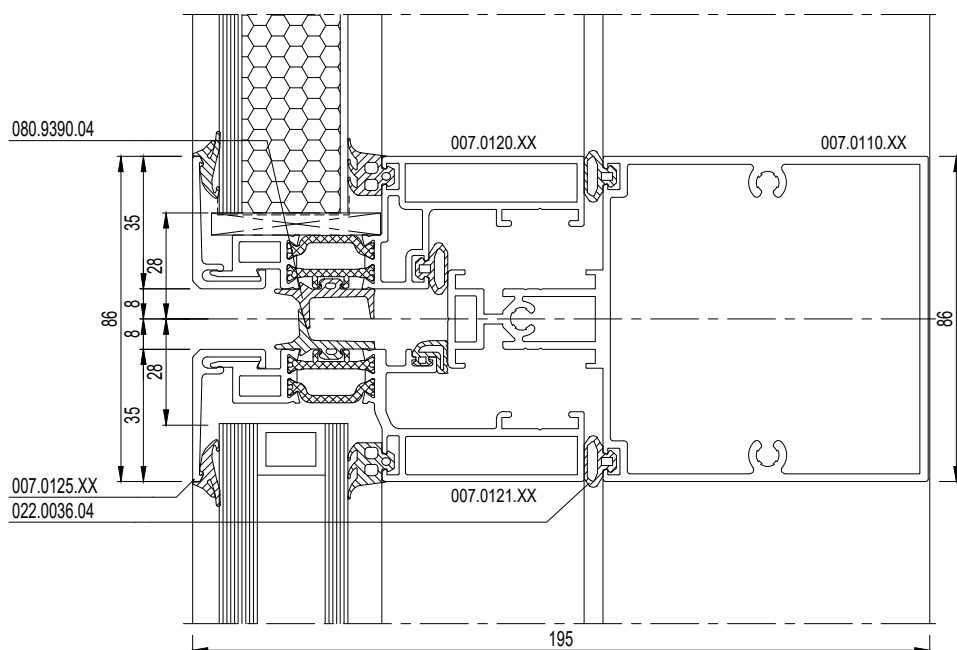


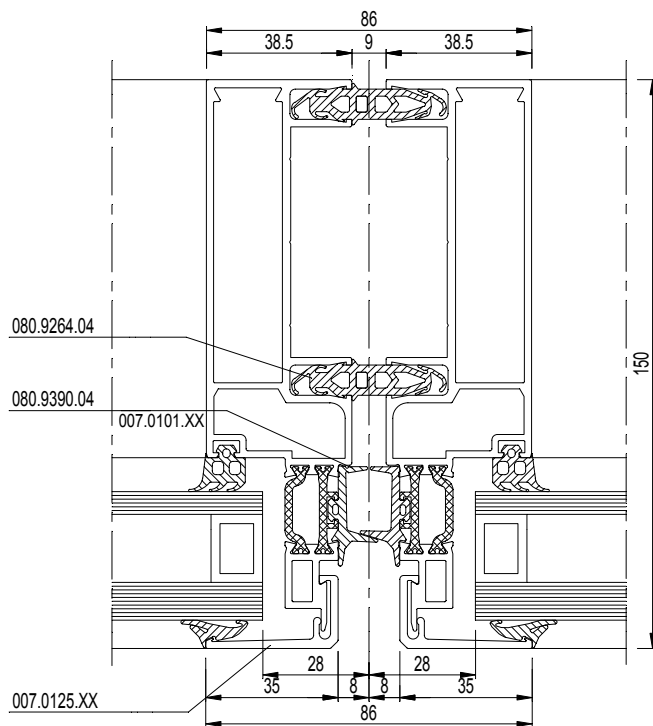
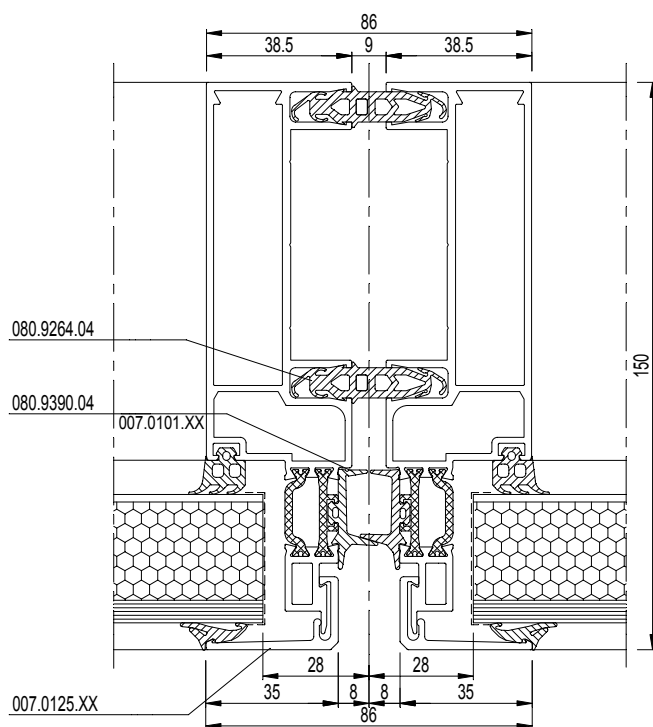


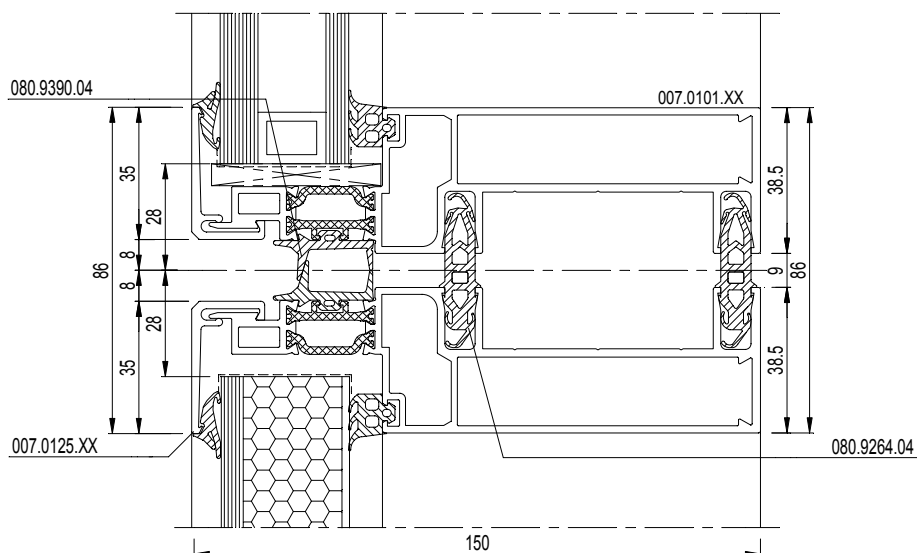
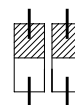
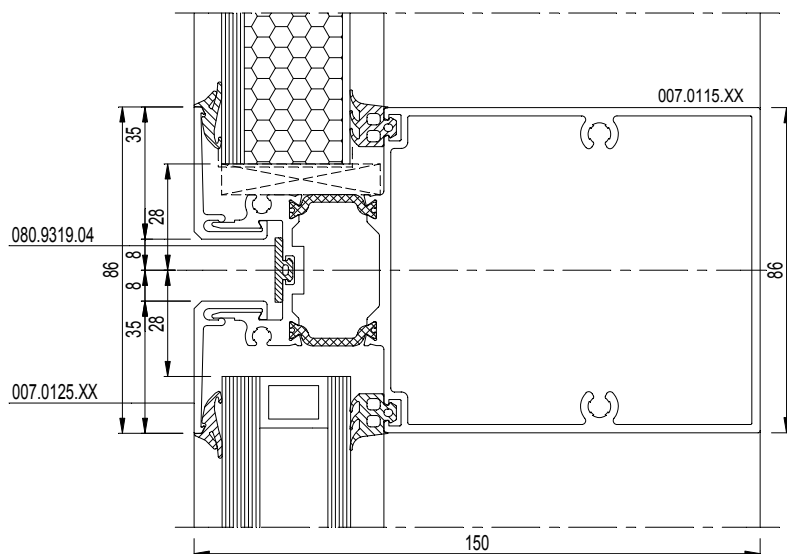










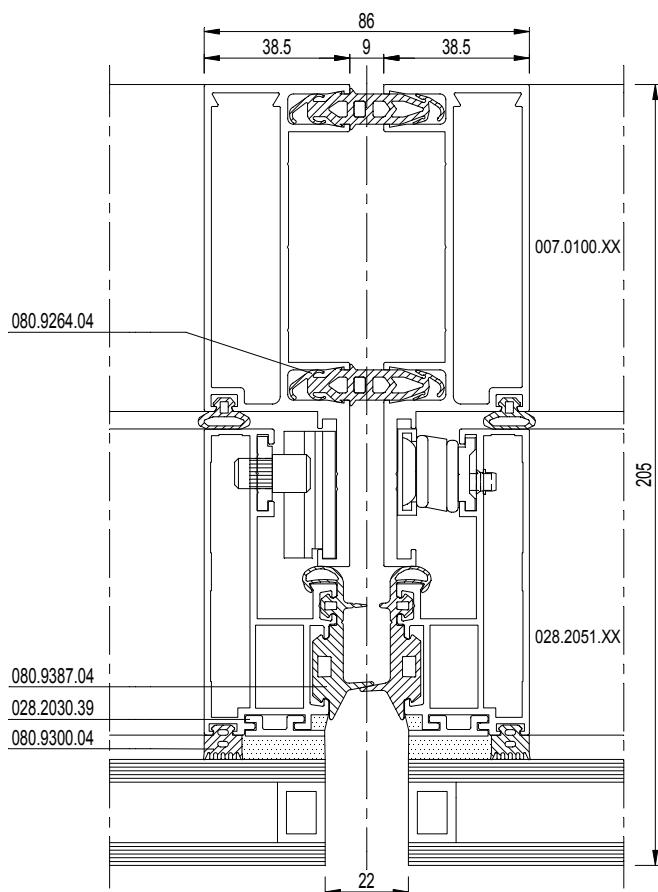
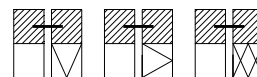
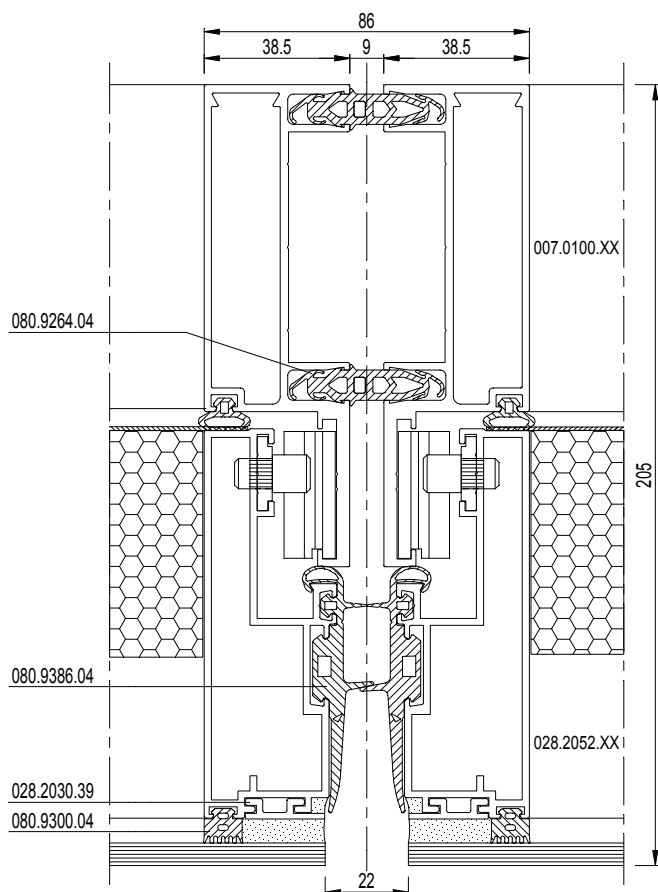


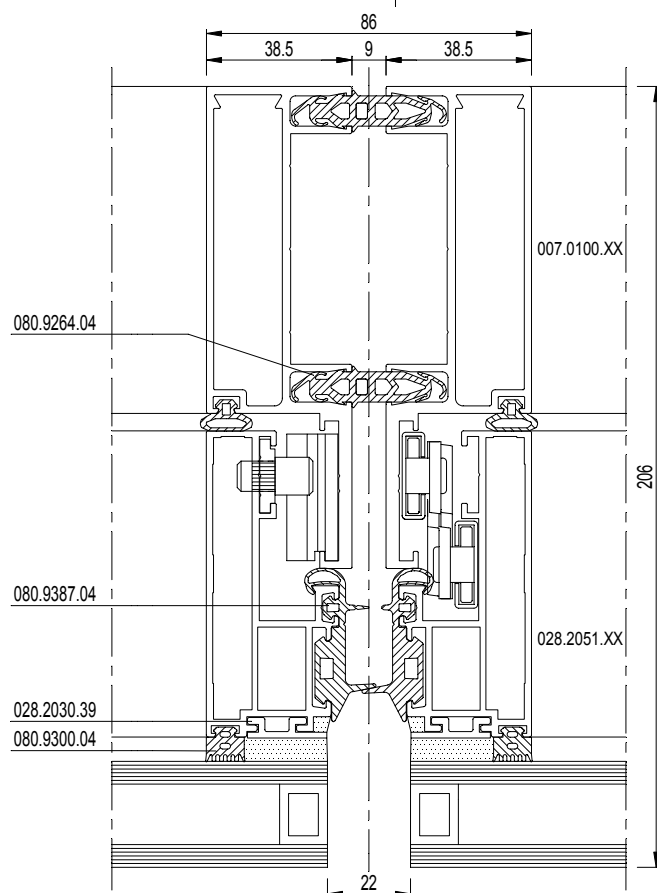
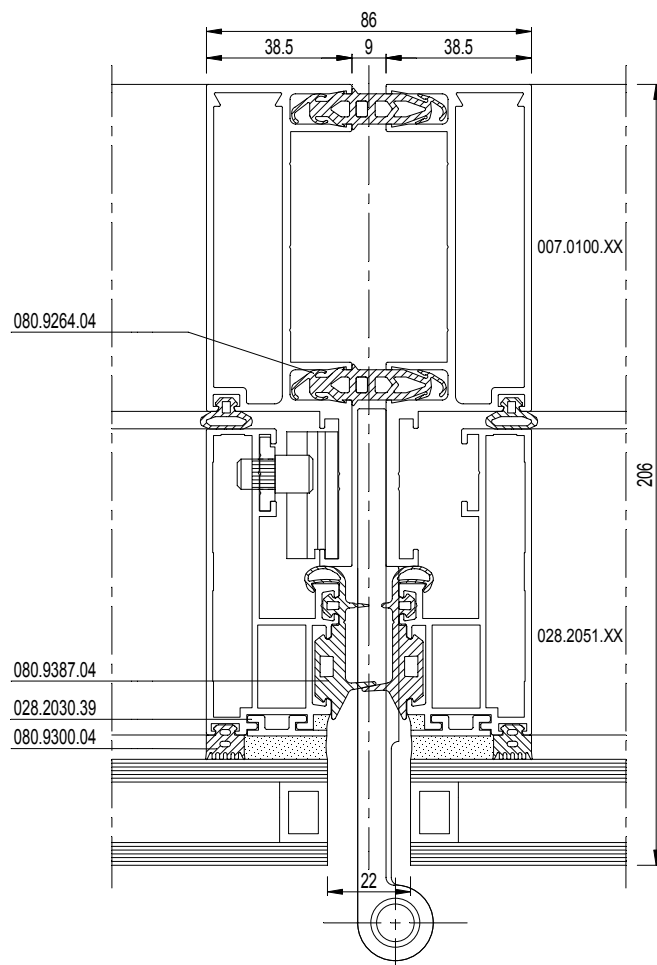
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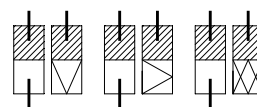
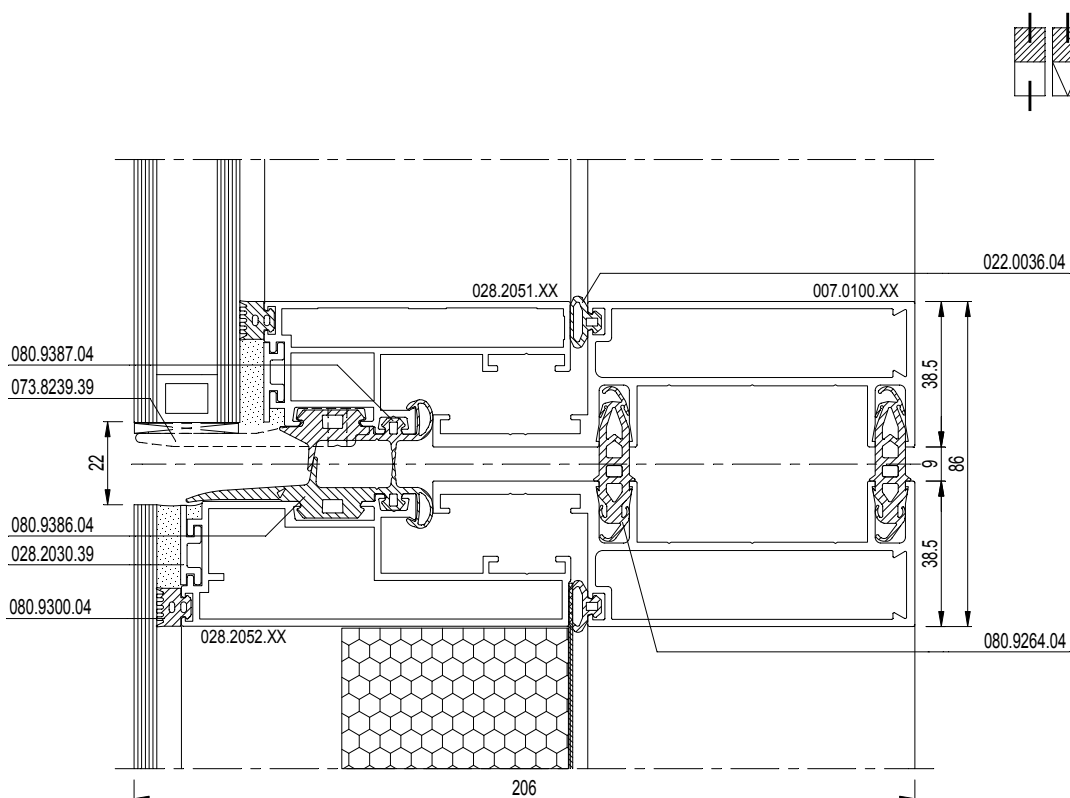
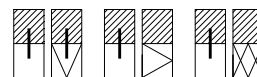
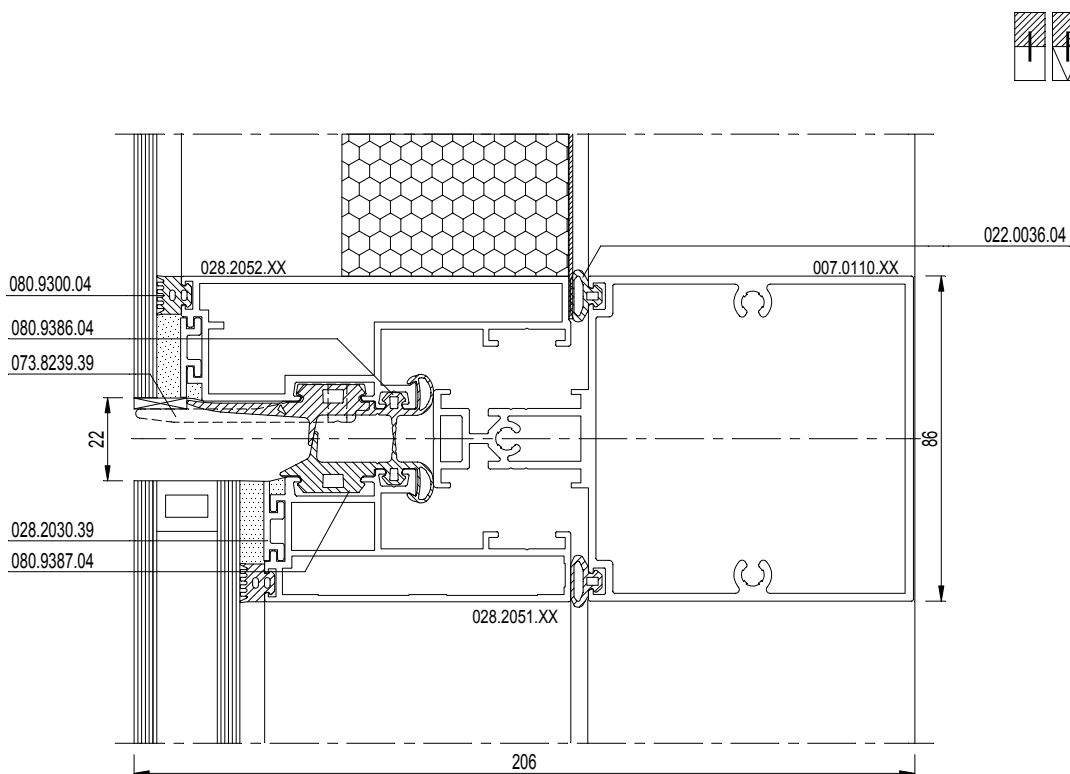
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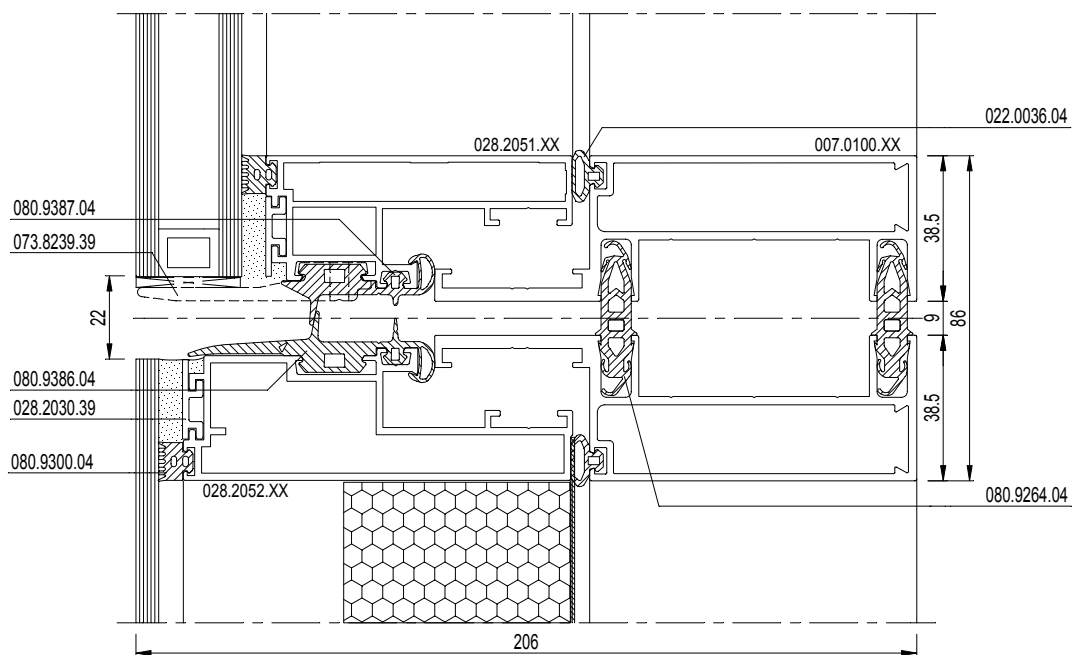
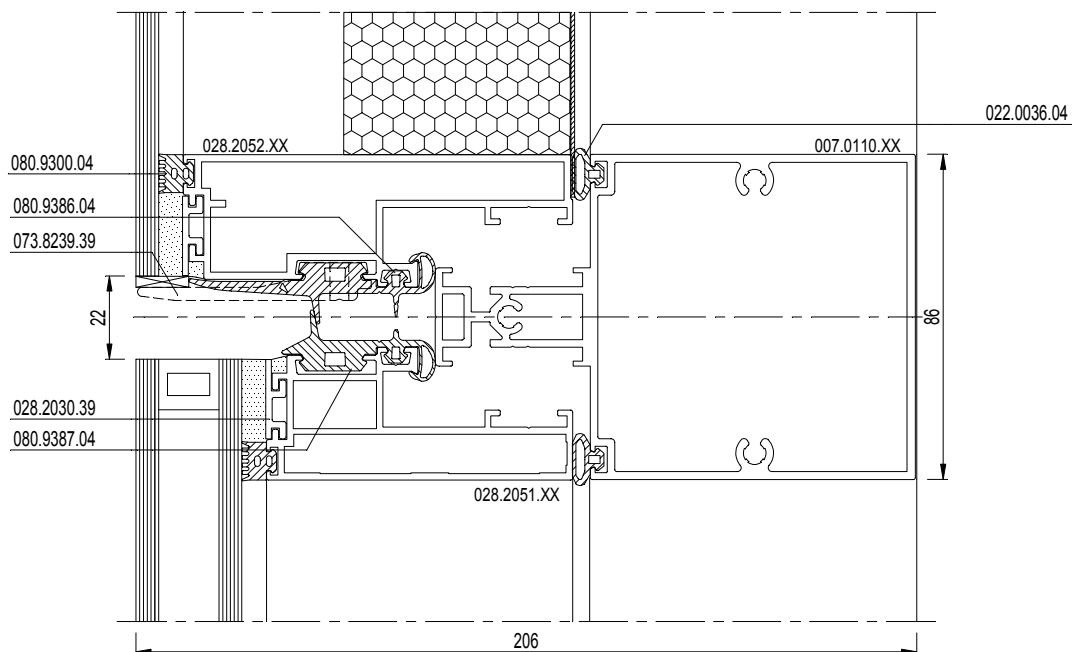


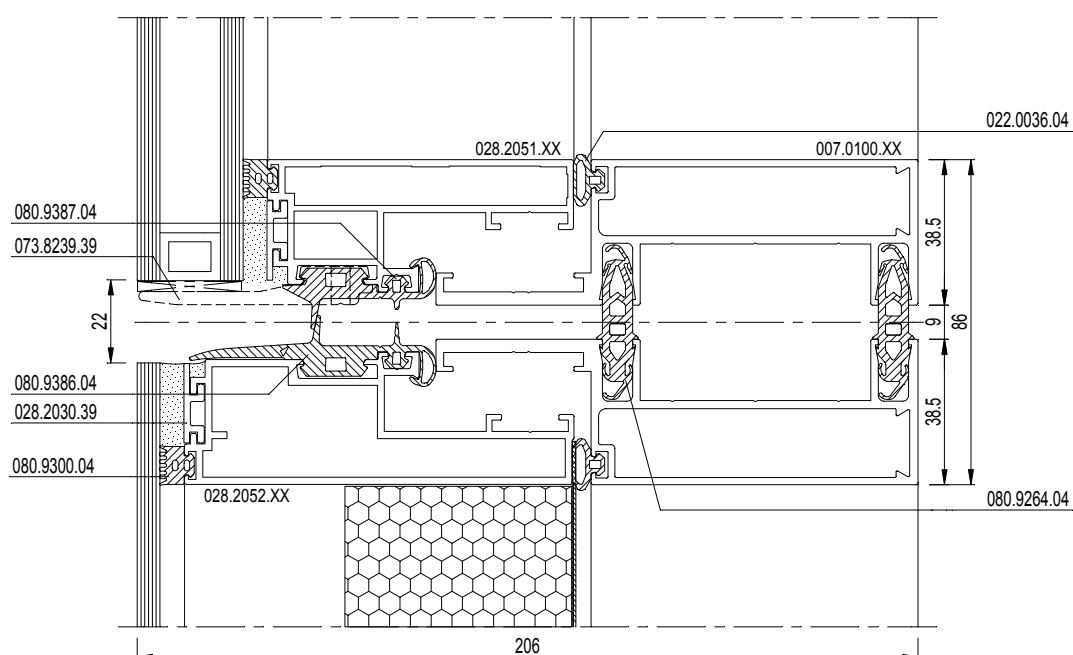
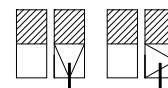
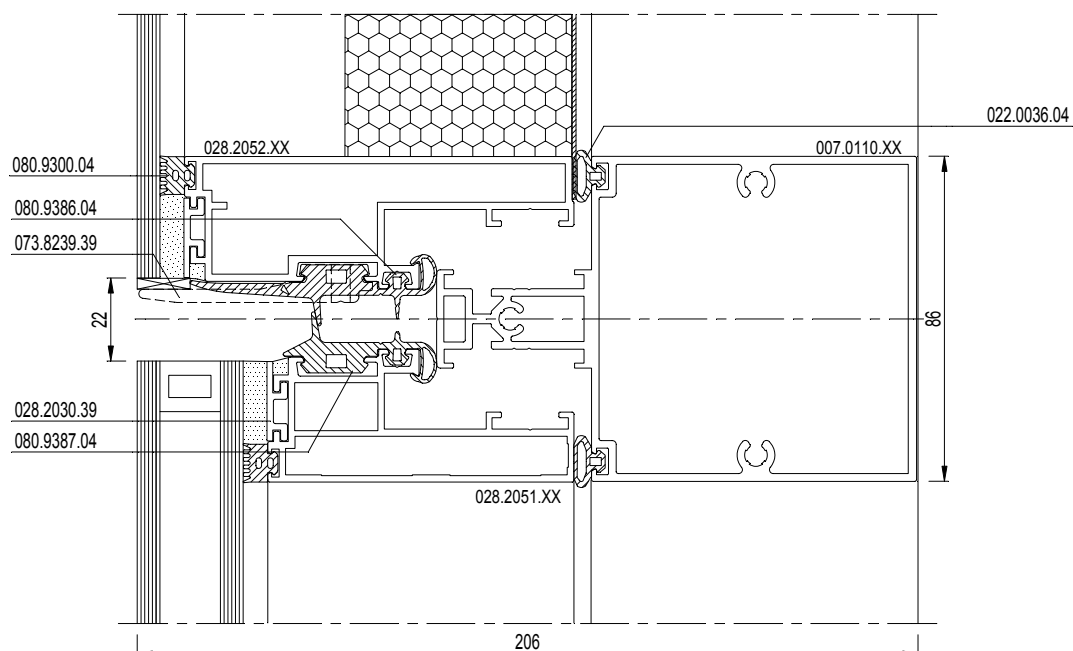
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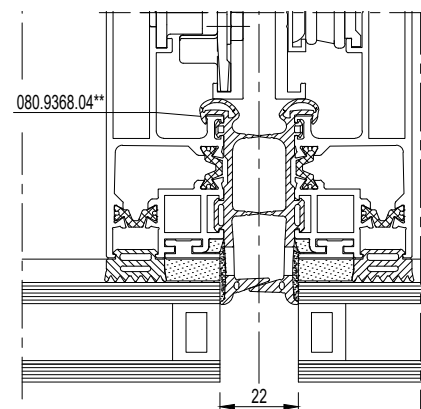
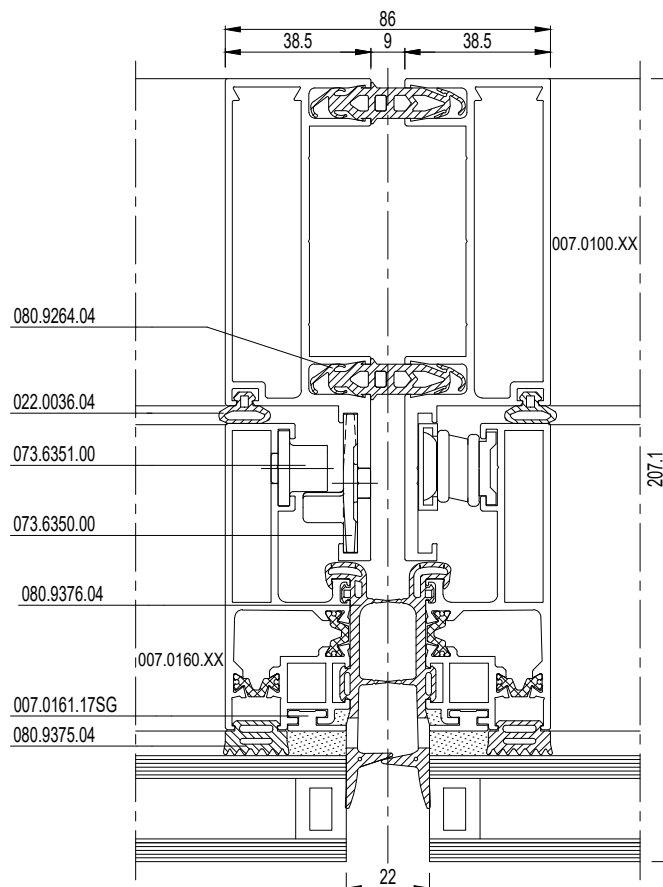
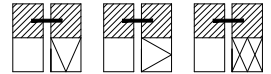
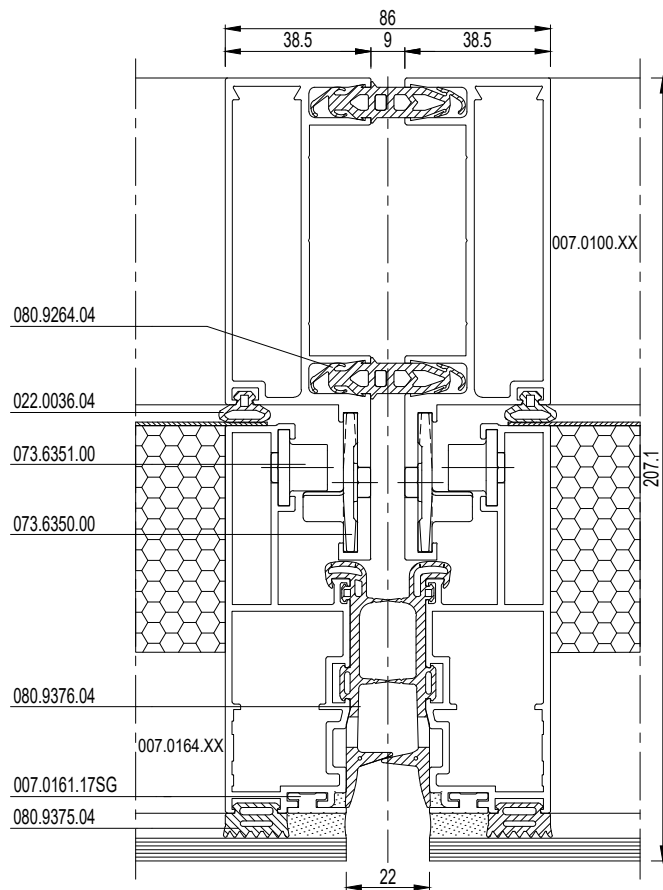








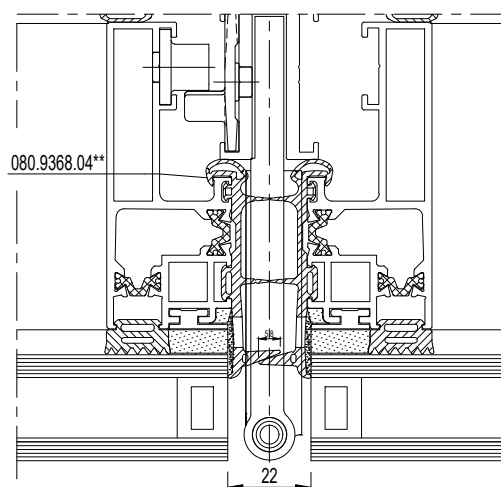
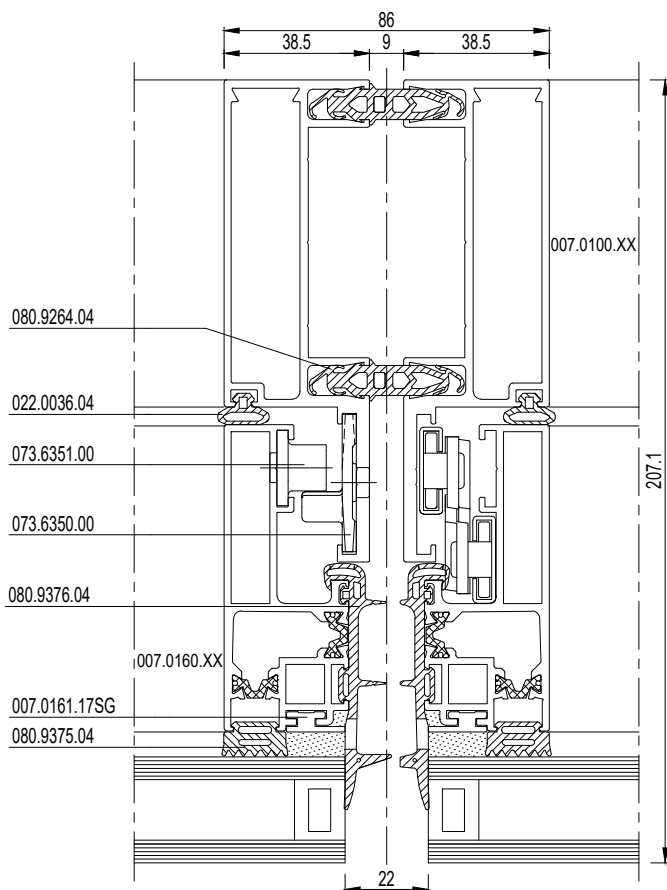
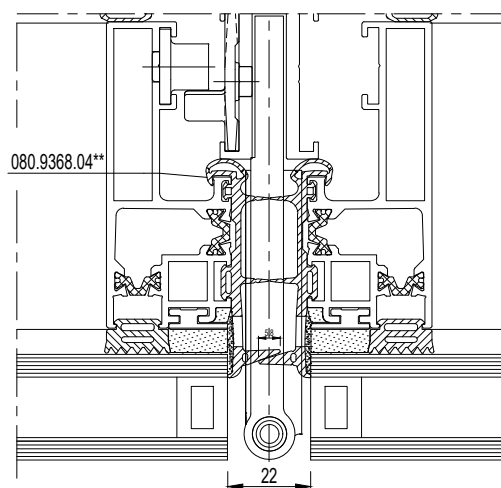
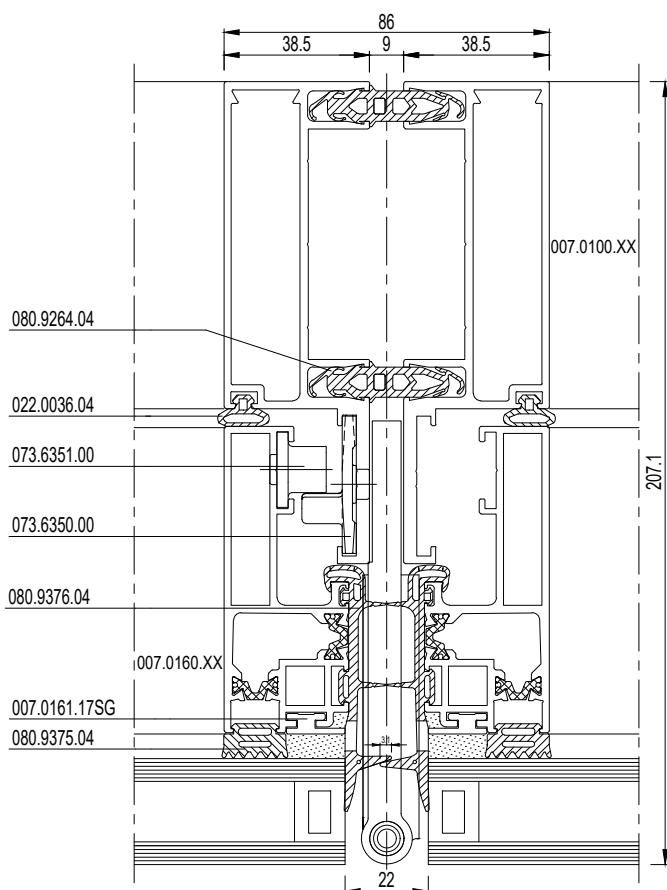




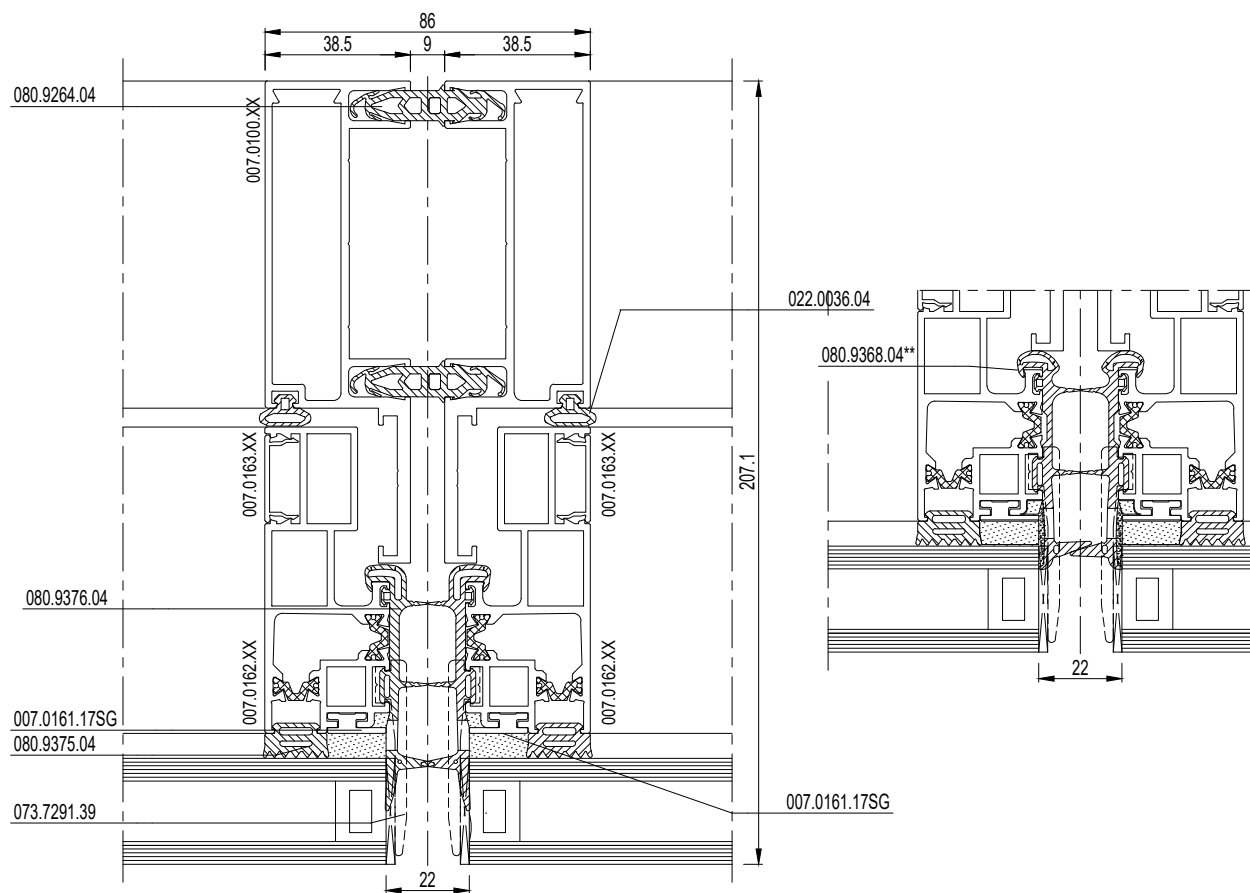
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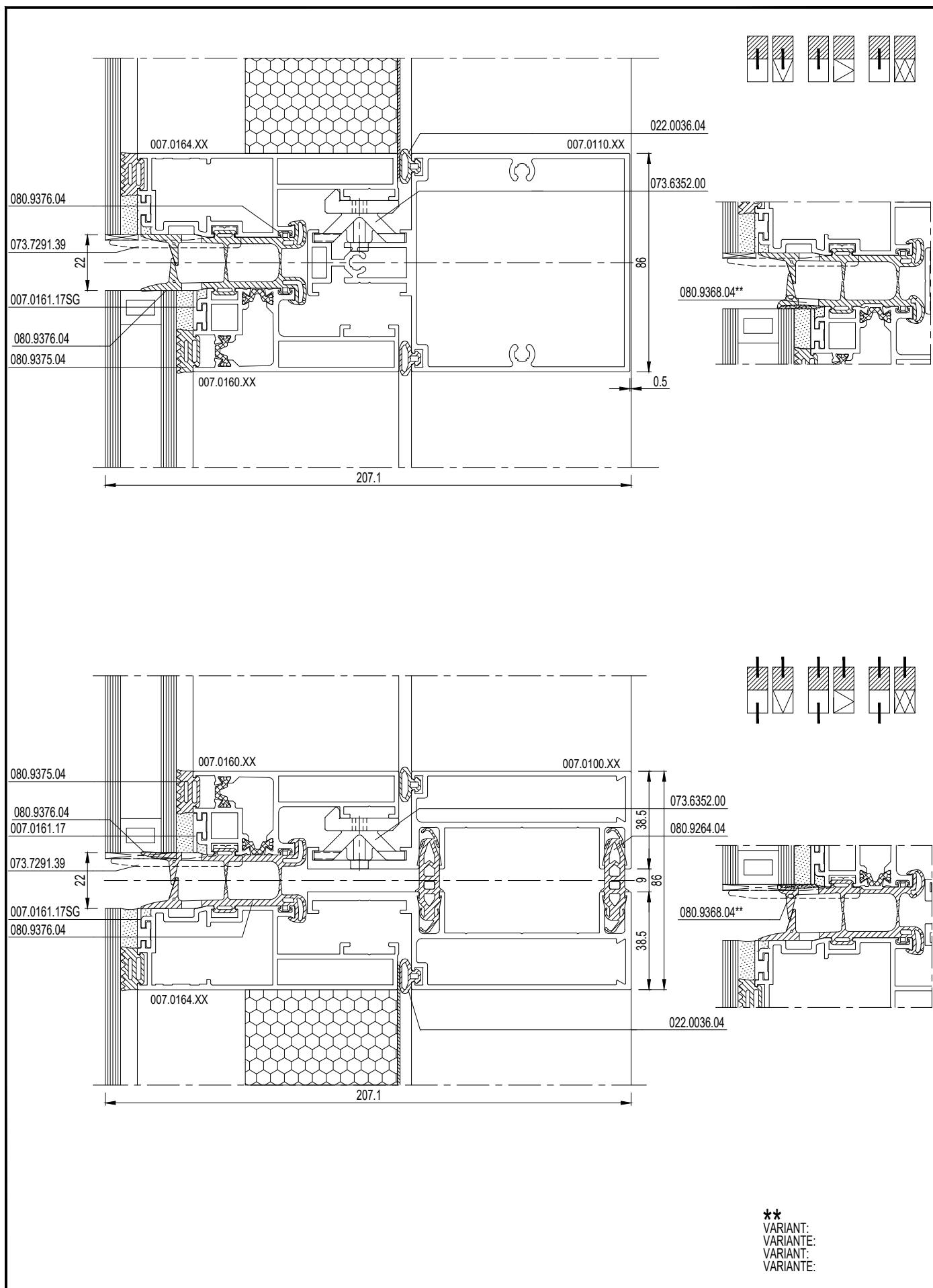
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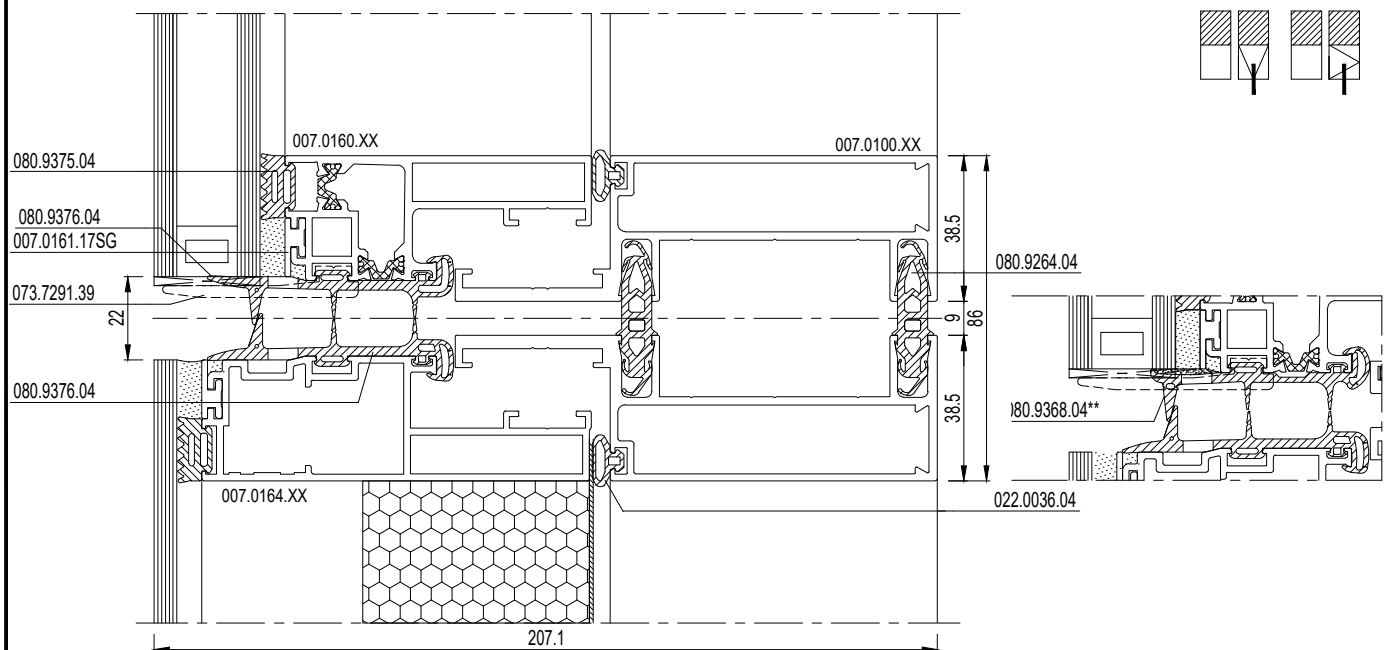
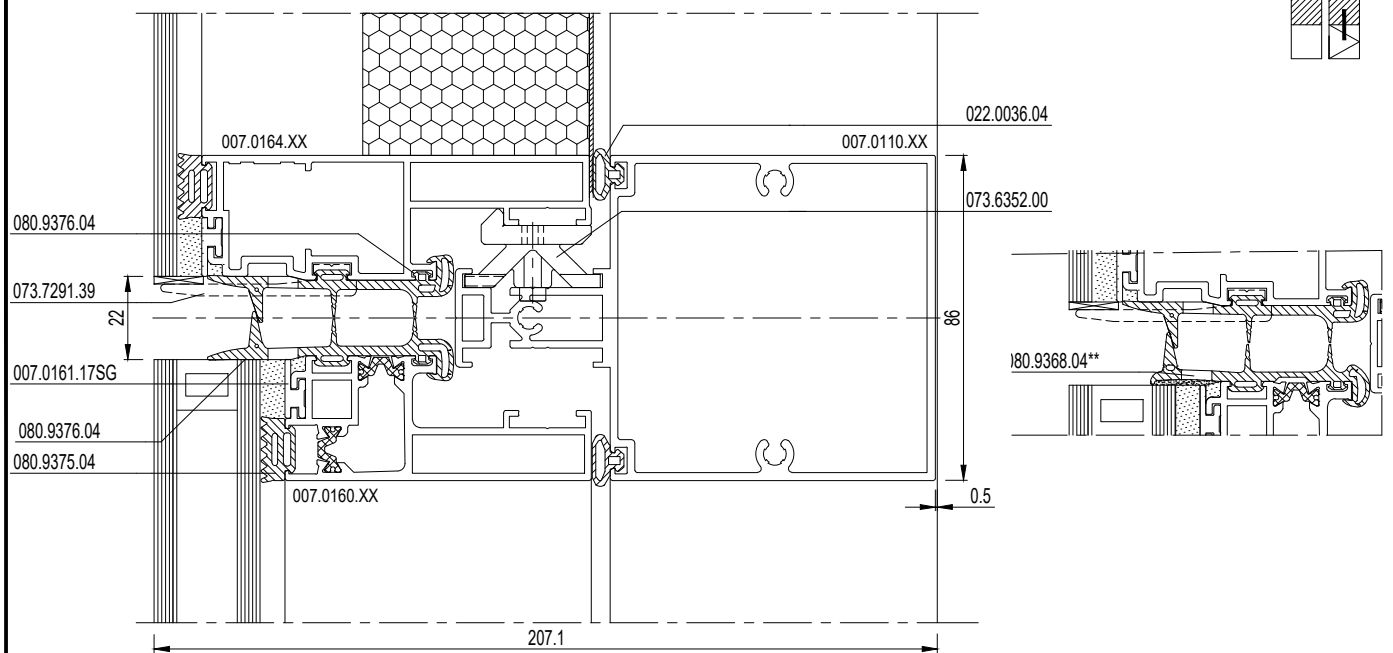


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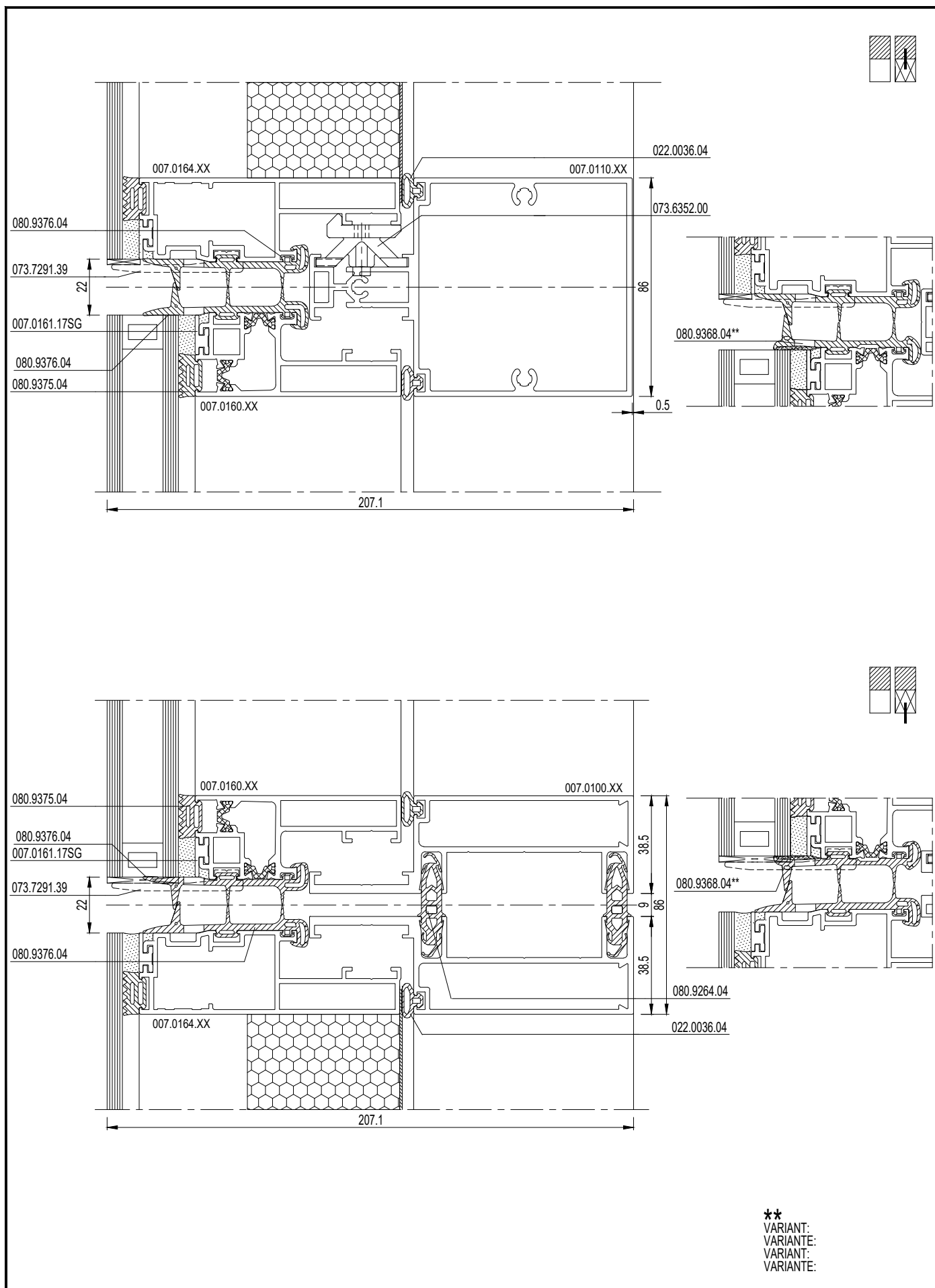


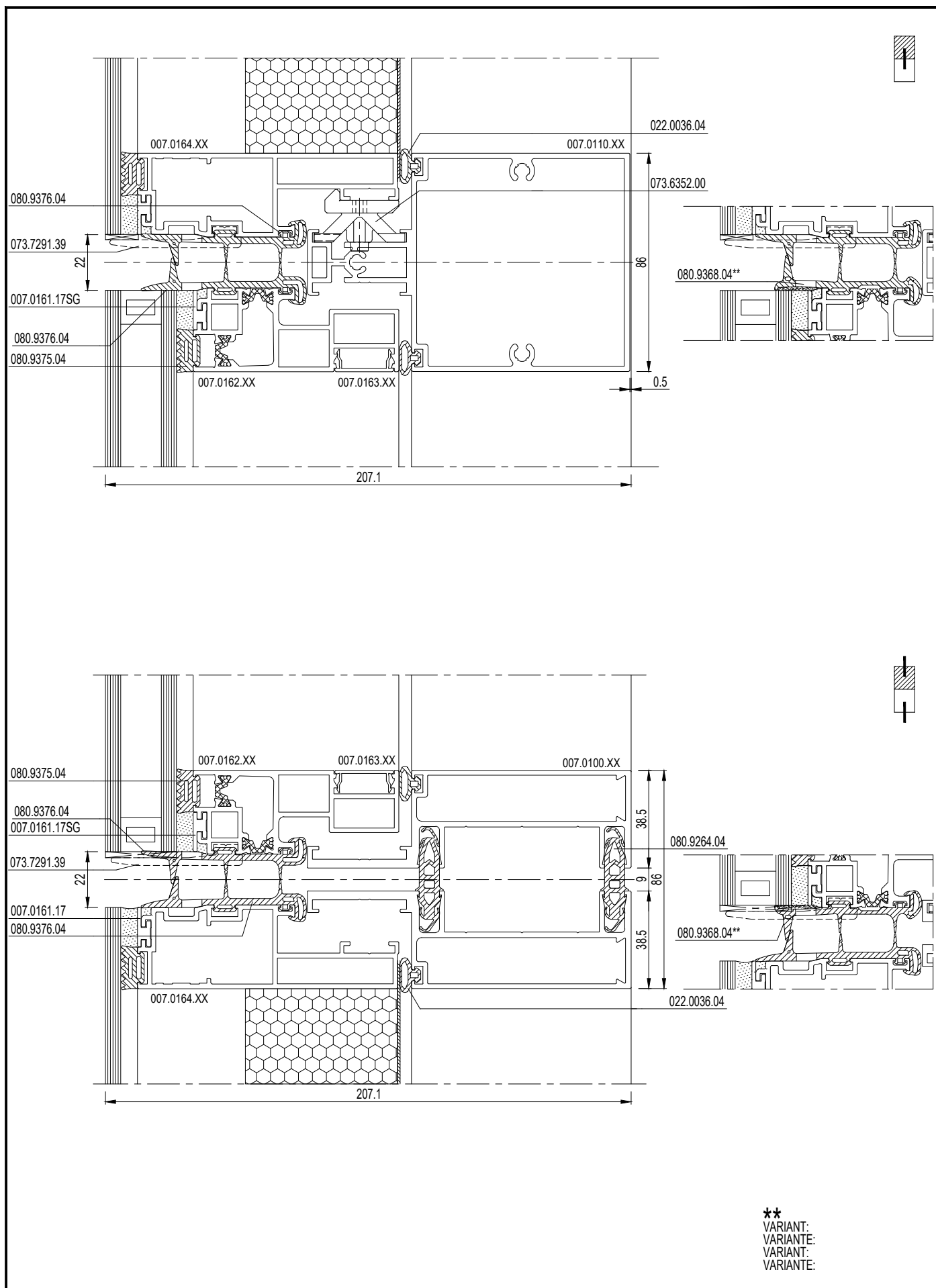
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VARIANT:
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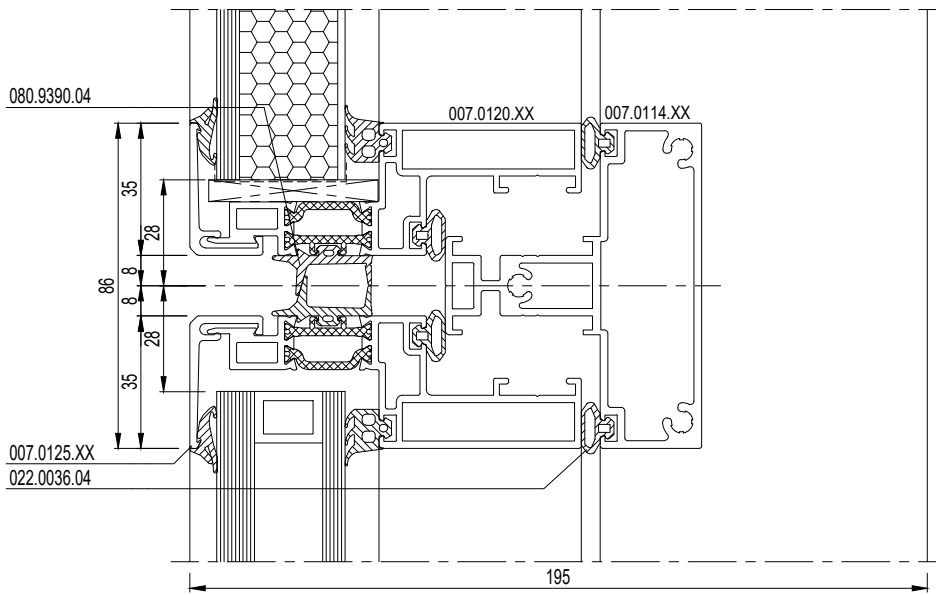


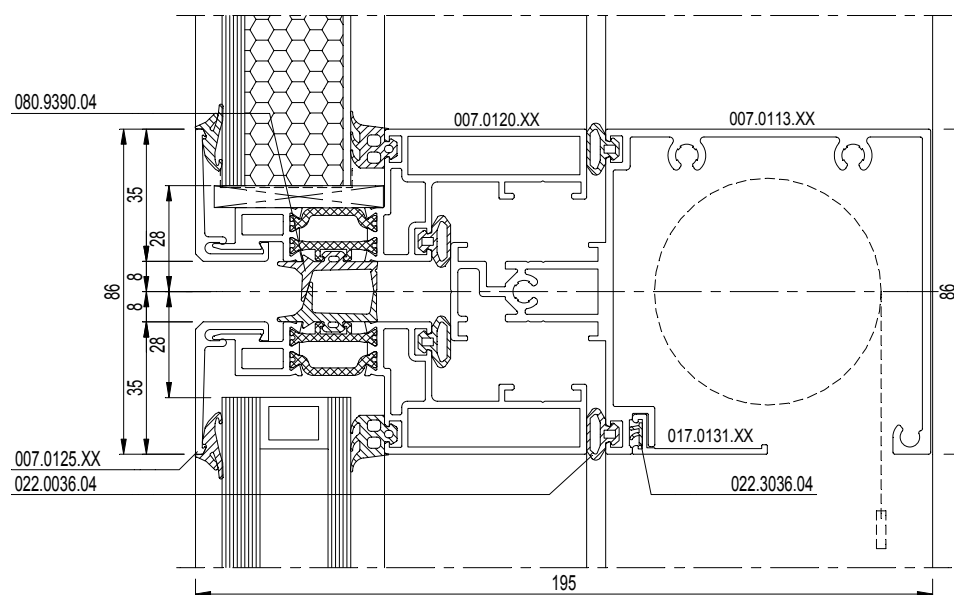


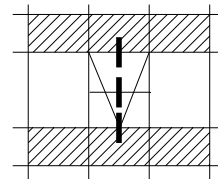
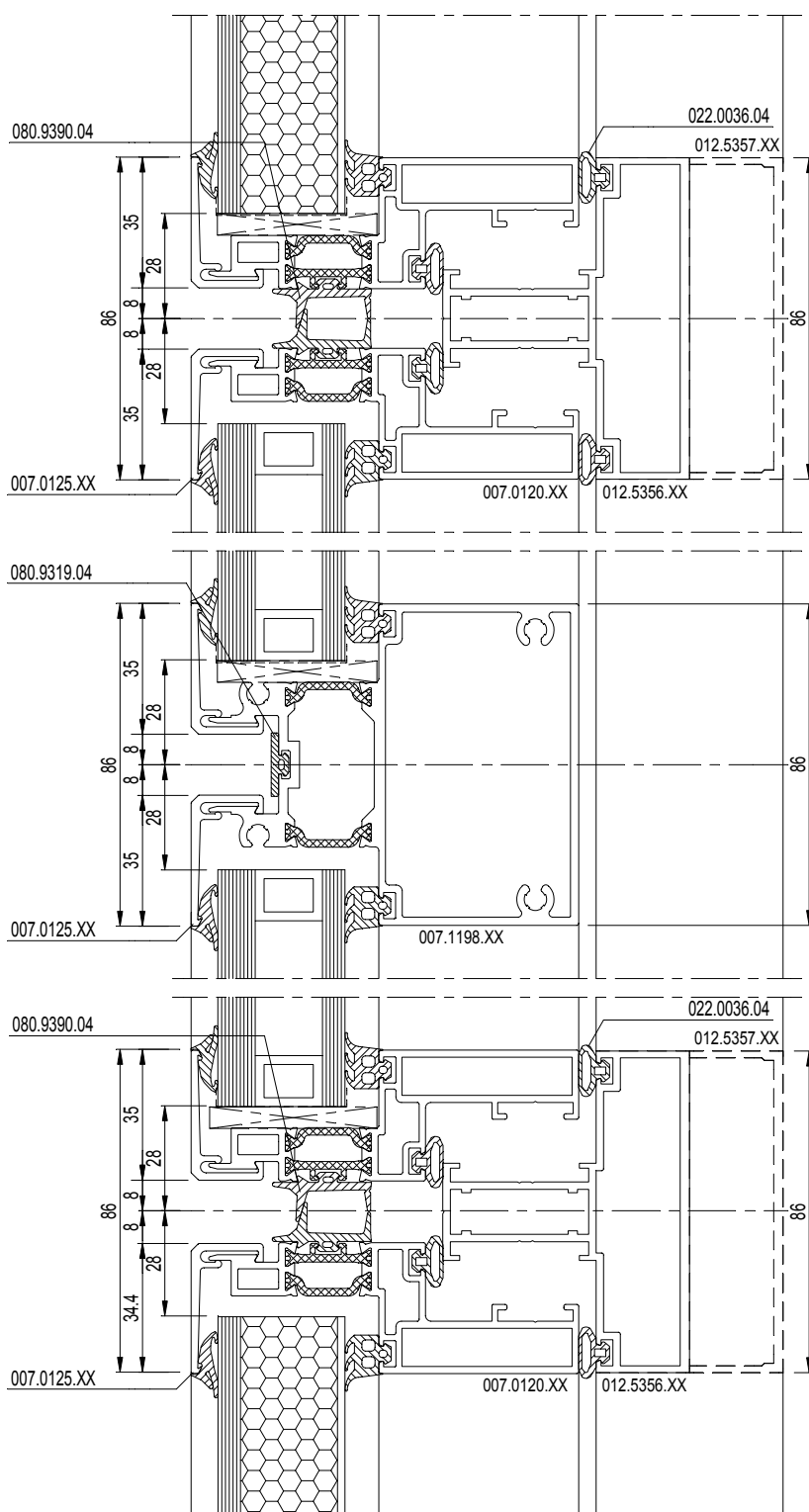
**
VARIANT:
VARIANTE:
VARIANT:
VARIANTE:

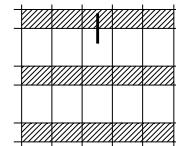


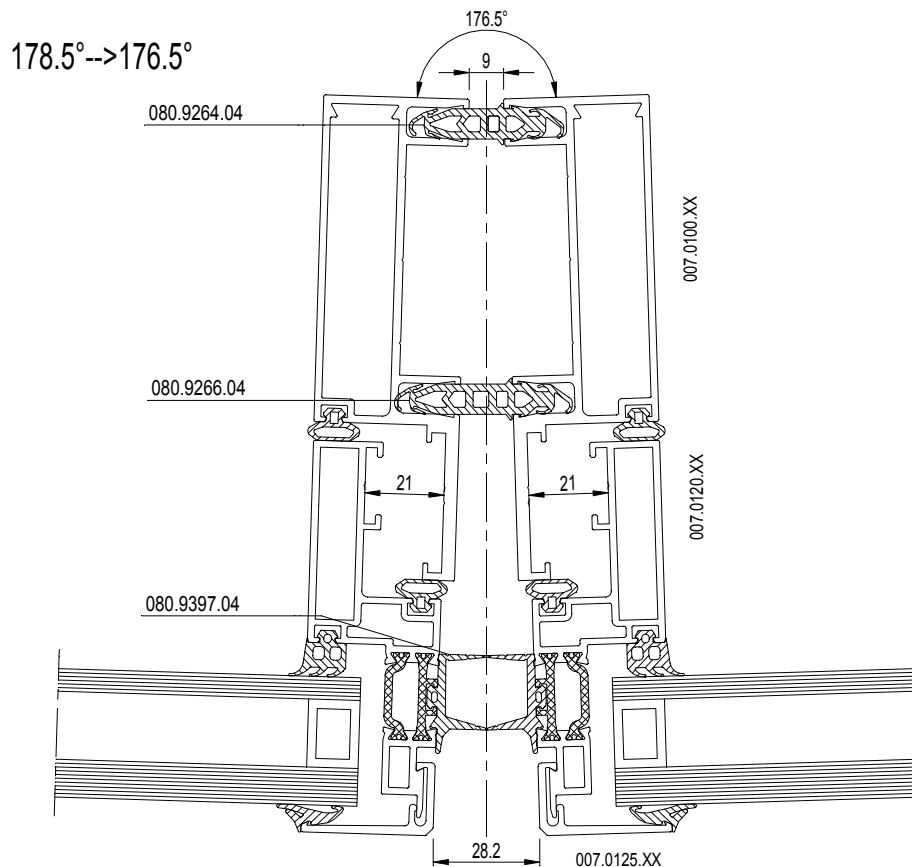
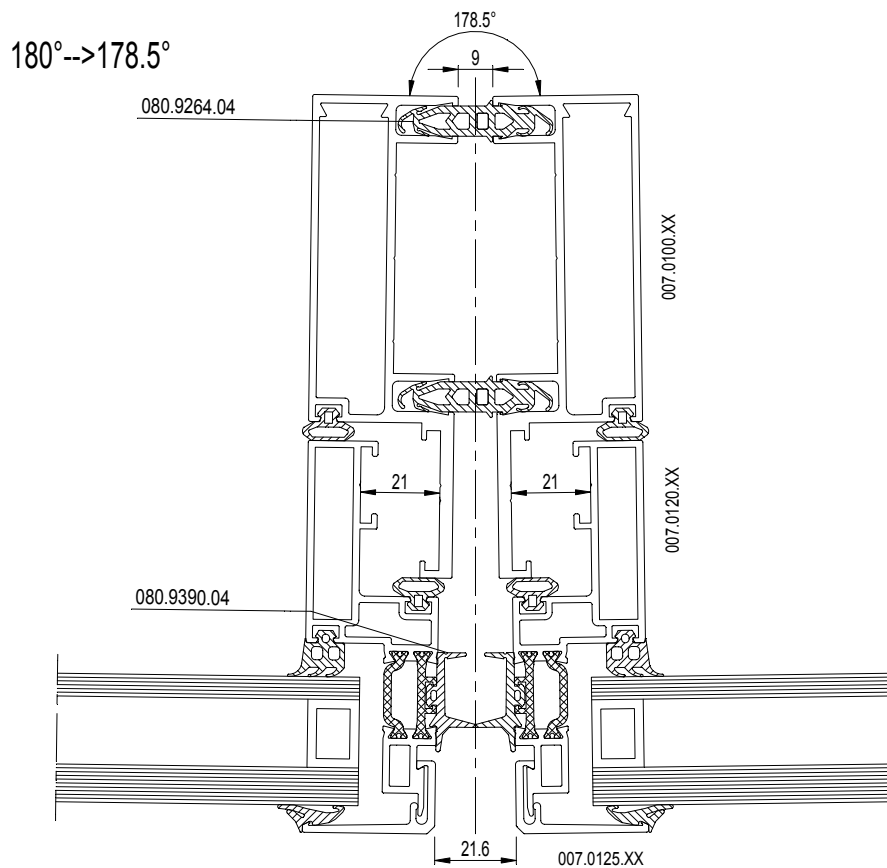




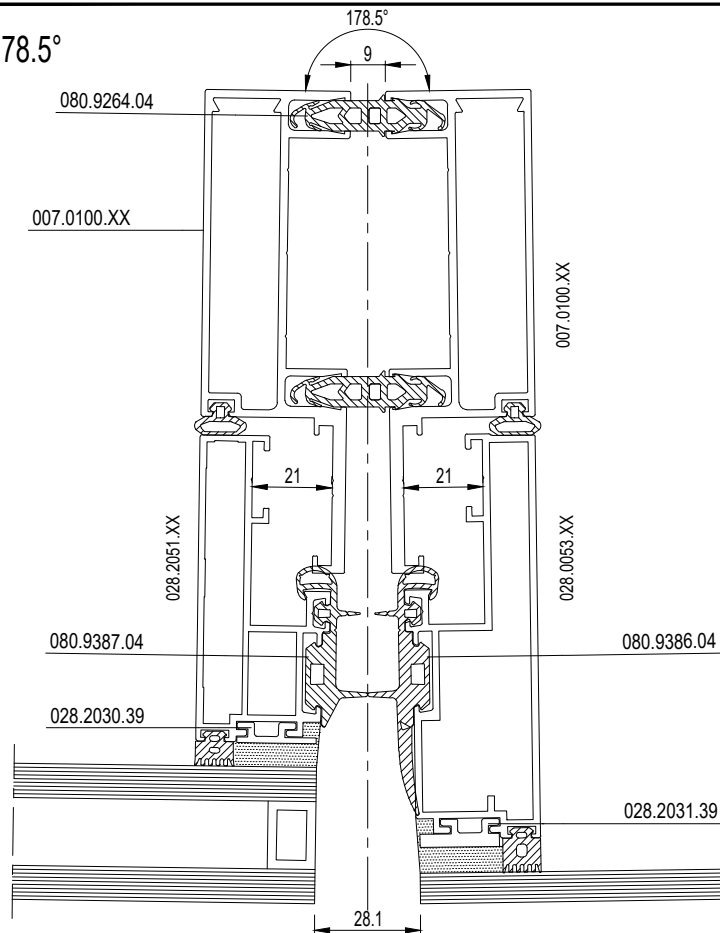




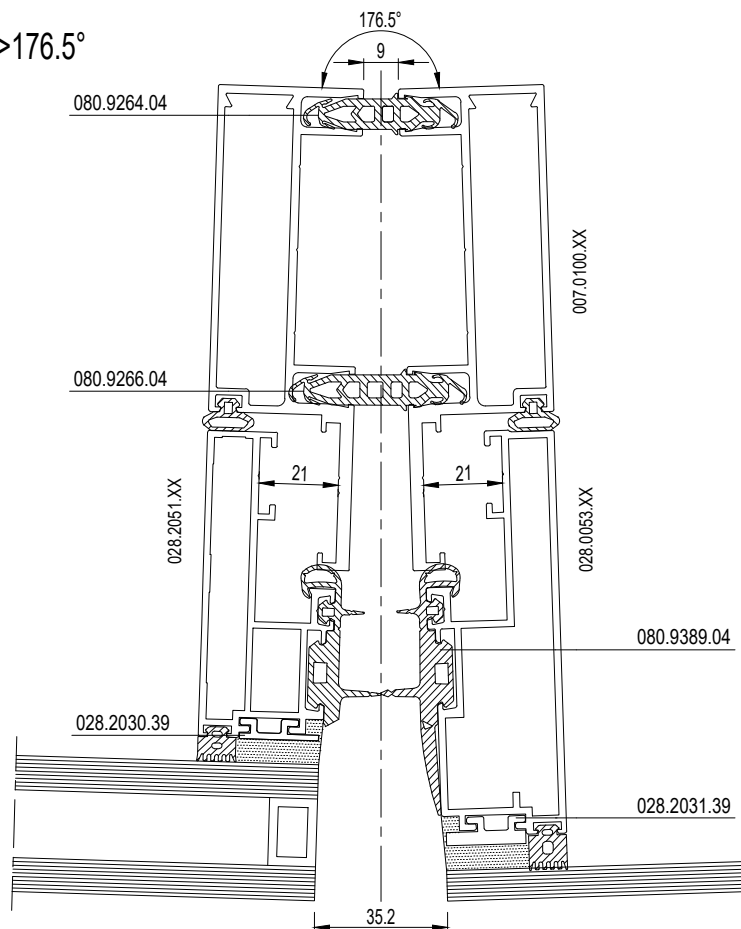




180°-->178.5°



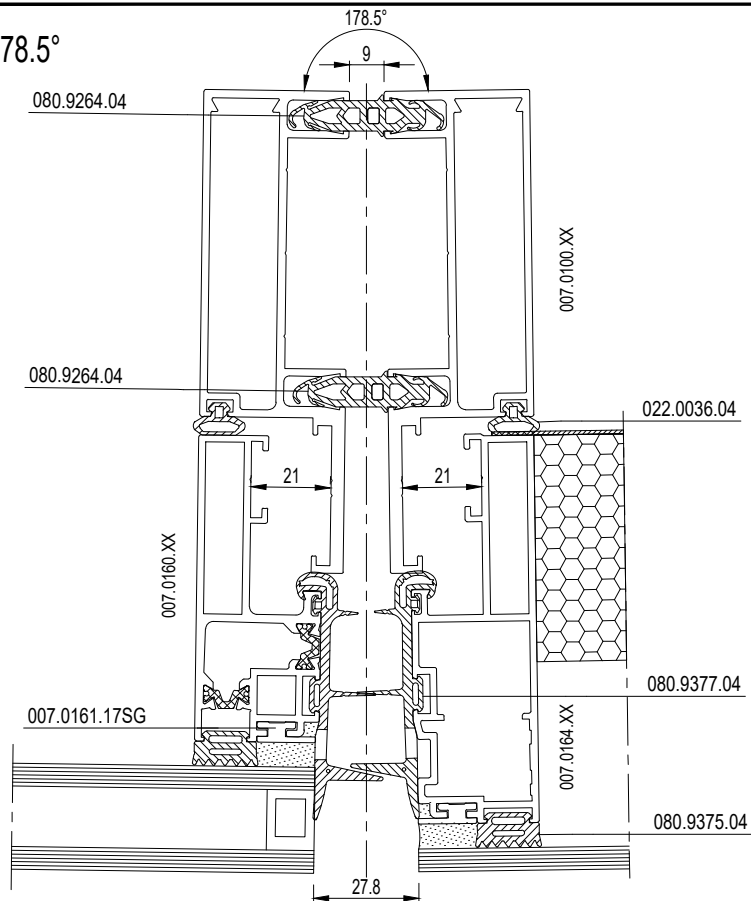
178.5°-->176.5°



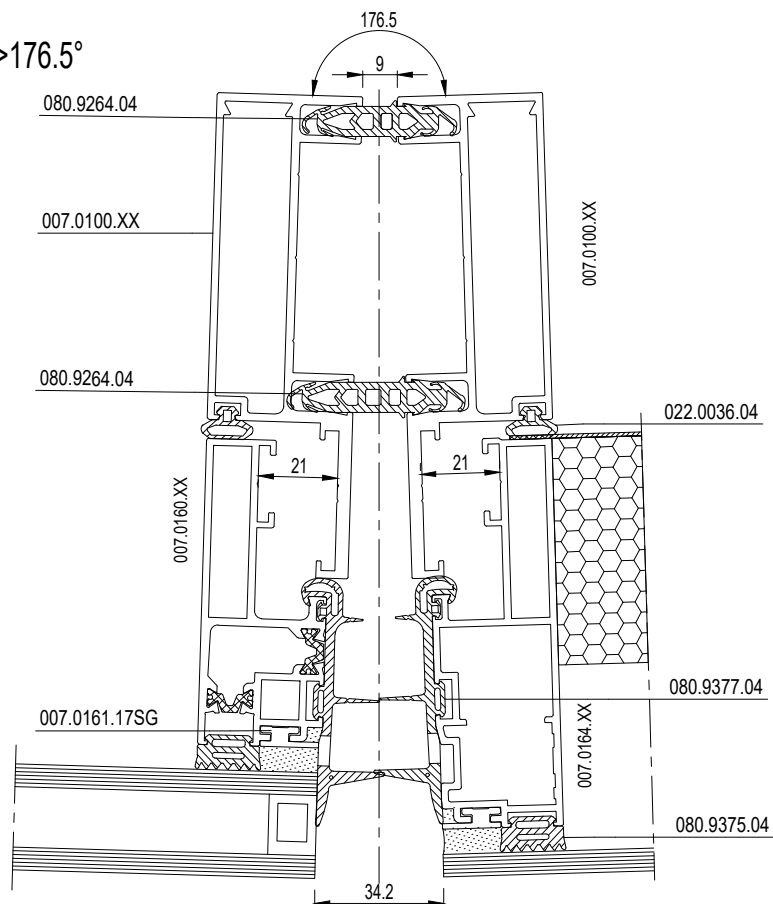
D

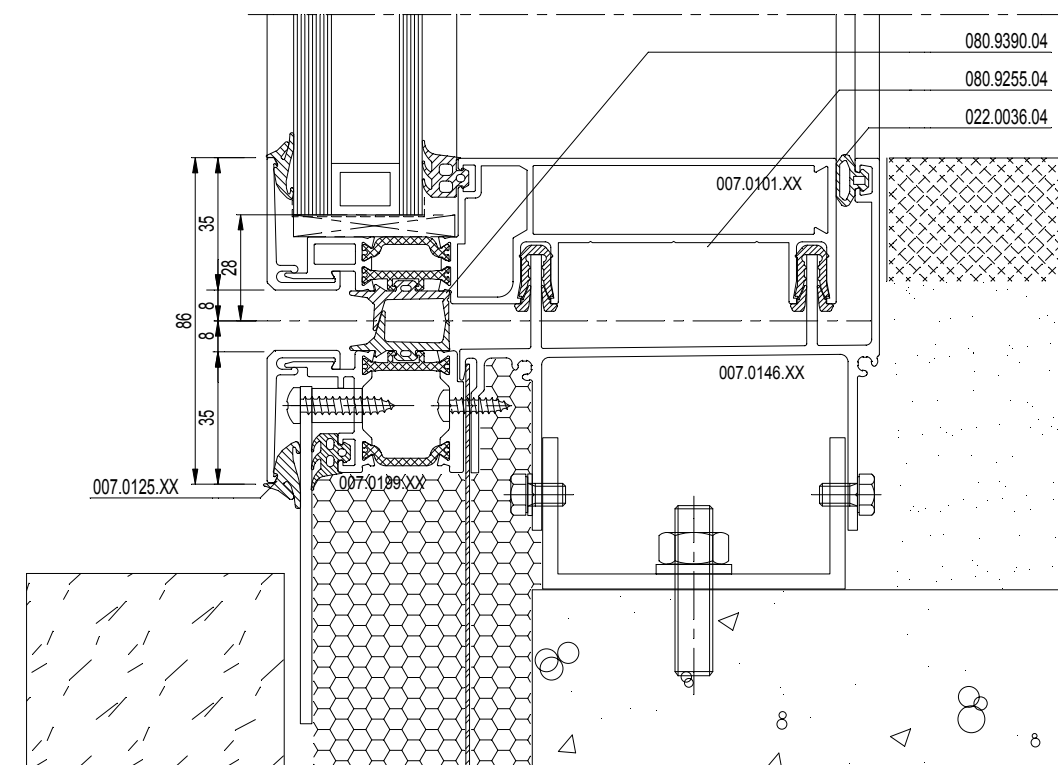
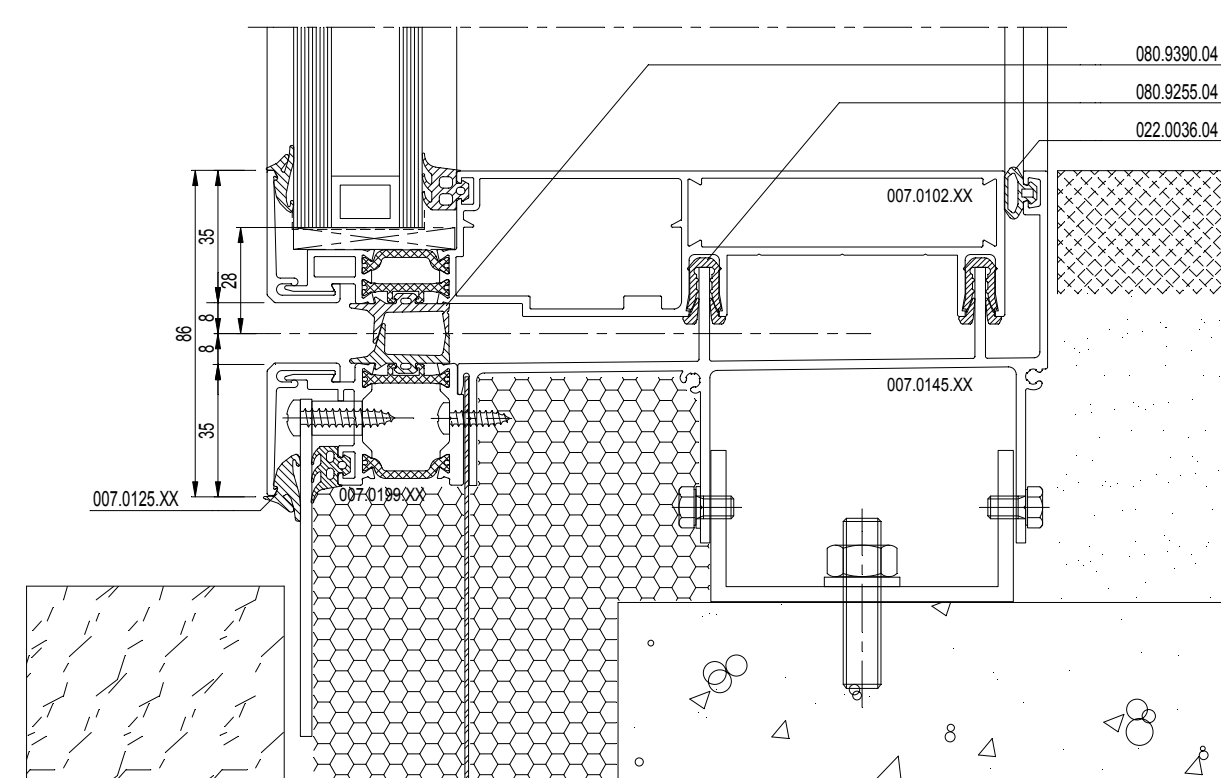
D0045709

180°-->178.5°



178.5°-->176.5°





CW 86-EF

ONDERDORPEL
SEUIL
SILL
BASISPROFIL

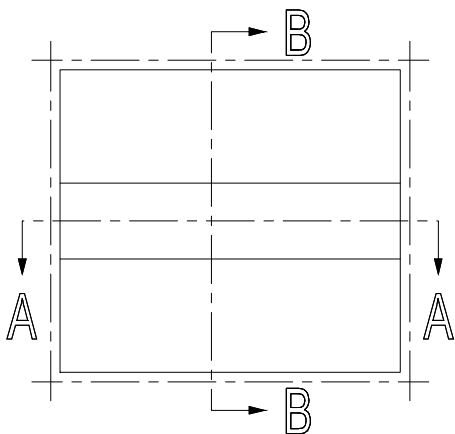


D

E



Werktekeningen
Coupes et débits
Work drawings
Werkzeichnungen

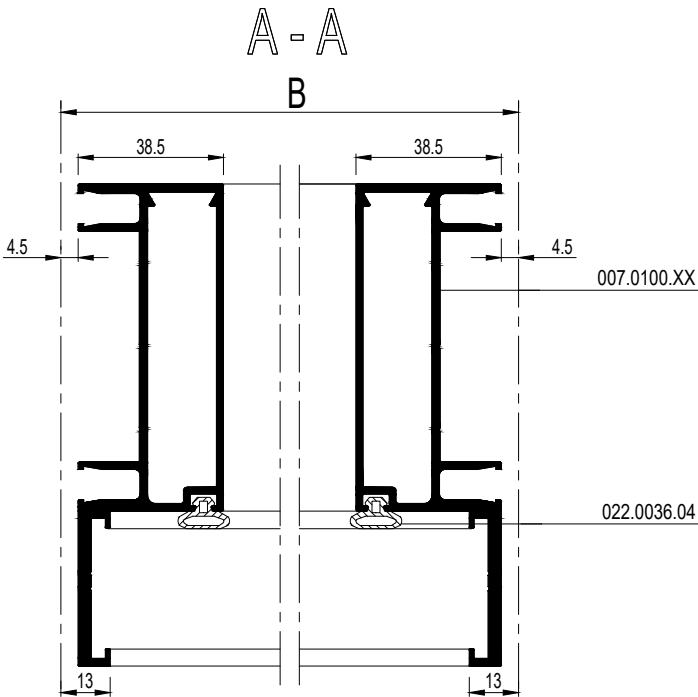


			#		
007.0100.XX			2	B - 9	69.C. ...
			2	H - 9	
007.0110.XX			2	B - 26	69.C. ...

MONTAGETEKENINGEN
FABRICATION ET MONTAGE
ASSEMBLY DRAWINGS
MONTAGEZEICHNUNGEN

69.F. ...

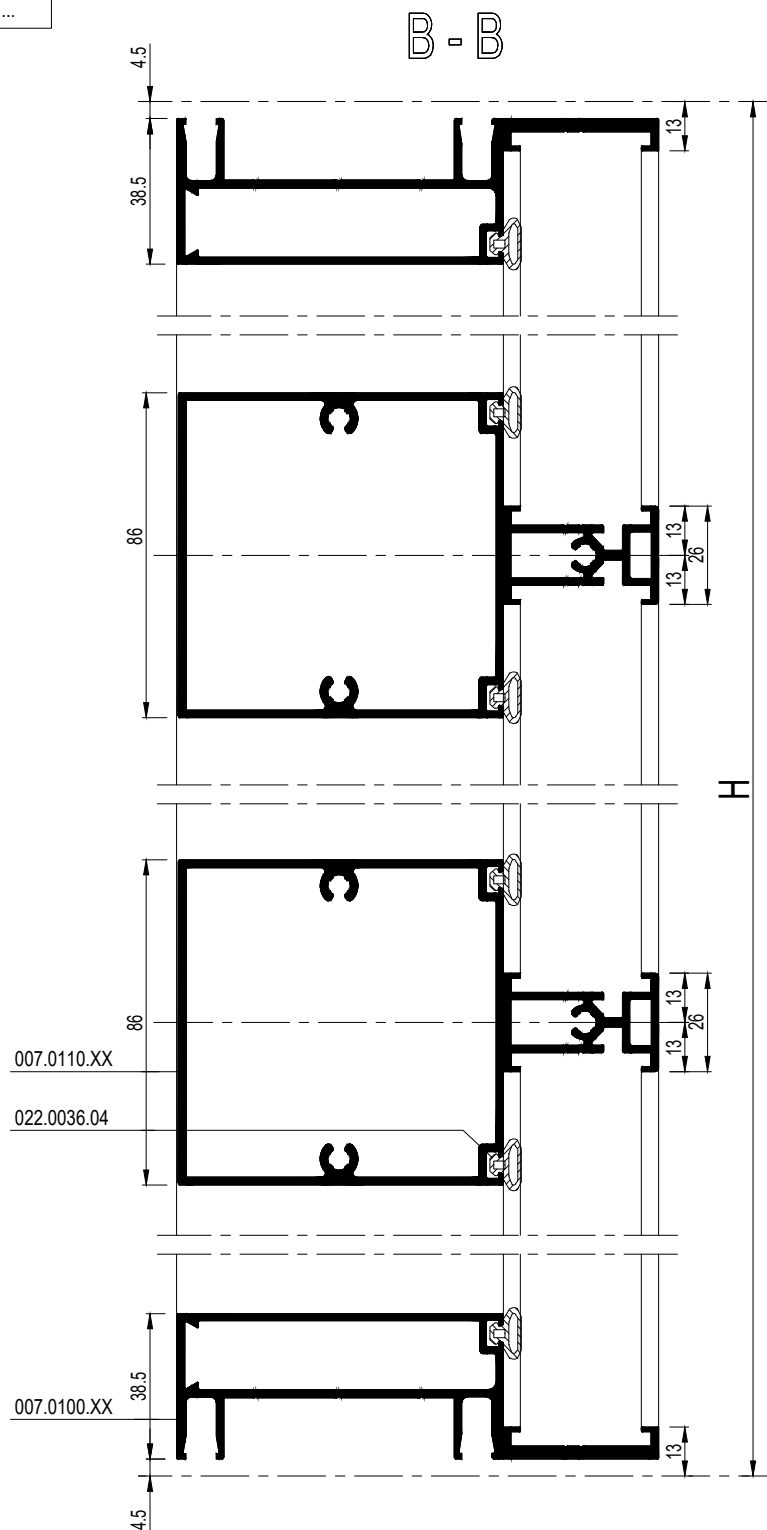
MAXIMALE AFMETINGEN VOLGENS TOEPASSING, WINDBELASTING EN GEWICHT ELEMENTEN
DIMENSIONS MAXIMALE SUIVANT UTILISATION, CHARGE DE VENT ET POIDS PROPRE DES ELEMENTS
MAXIMUM DIMENSIONS FOLLOWING APPLICATION, WINDPRESSURE AND WEIGHT
ZULASSIGE ELEMNTGROSSE NACH ANWENDUNG, WINDLAST UND ELEMENT GEWICHT



schaal - échelle
scale - Maßstab
1/2

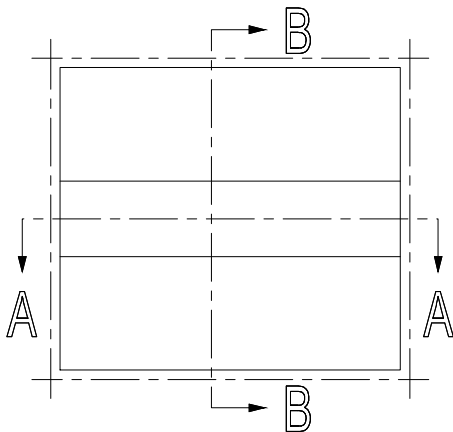
D0044897

		#	
			
068.6409.00		4	69.G. ...
068.6423.00		4	69.G. ...
068.5933.--		16	69.G. ...
068.6504.00		4	69.G. ...
050.5002.--		8	69.G. ...
052.5351.--		8	69.G. ...
052.5381.--		4	69.G. ...
022.0036.04		(2xH)+(6xB)	69.G. ...



schaal - échelle
scale - Maßstab
1/2

DC0044897



b = B - 56
h1 = H1 - 56
h2 = H2 - 56
h3 = H3 - 56

			#	Lm	
007.0102.XX			2	B - 9	69.C. ...
007.0112.XX			2	H - 9	69.C. ...
007.0125.XX			2	B - 45	69.C. ...
			6	B - 16	69.C. ...
			2	H1 - 16	69.C. ...
			2	H2 - 16	69.C. ...
			2	H3 - 16	69.C. ...

MONTAGETEKENINGEN
FABRICATION ET MONTAGE
ASSEMBLY DRAWINGS
MONTAGEZEICHNUNGEN

69.F. ...

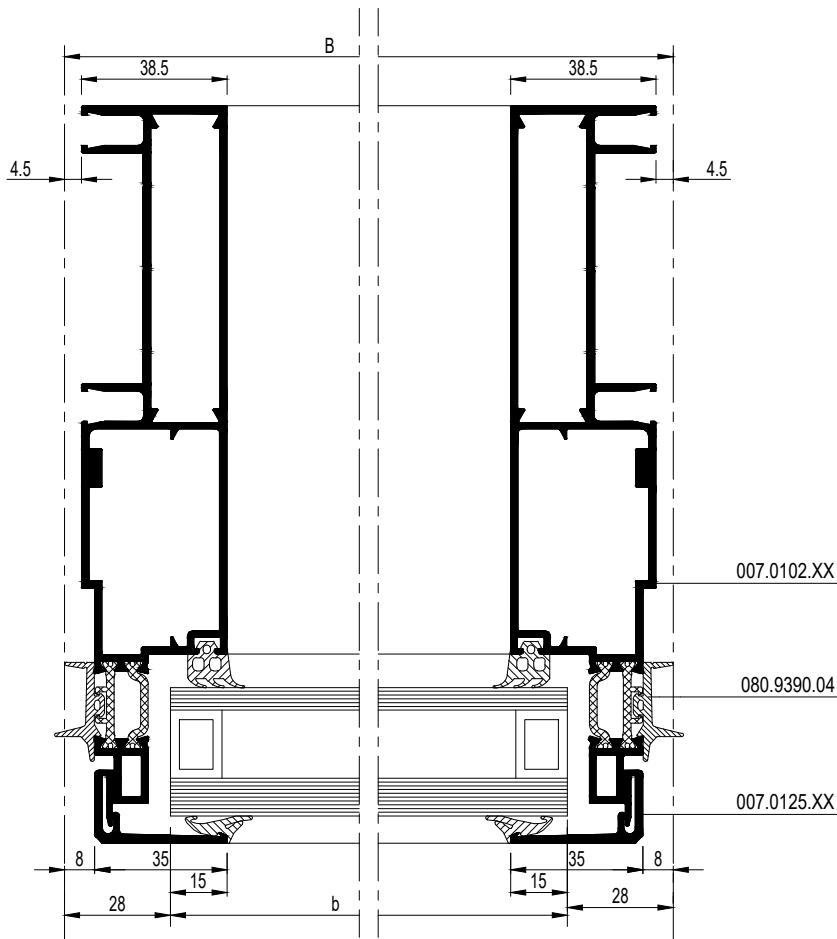
MAXIMALE AFMETINGEN VOLGENS TOEPASSING, WINDBELASTING EN GEWICHT ELEMENTEN
DIMENSIONS MAXIMALE SUIVANT UTILISATION, CHARGE DE VENT ET POIDS PROPRE DES ELEMENTS
MAXIMUM DIMENSIONS FOLLOWING APPLICATION, WINDPRESSURE AND WEIGHT
ZULASSIGE ELEMENTGROSSE NACH ANWENDUNG, WINDLAST UND ELEMENT GEWICHT

A - A

		#	
068.6422.00		4	69.G. ...
068.5933.--		16	69.G. ...
068.6423.00		4	69.G. ...
068.5933.--		16	69.G. ...
068.8875.00		4	69.G. ...
068.5938.--		8	69.G. ...
052.5371.--		16	69.G. ...
080.9381.04		12x0.1m	69.G. ...
080.9319.04		(2xB)	69.G. ...
080.9390.04		(2xH)+(2xB)	69.G. ...

Optie/Option/Opcion

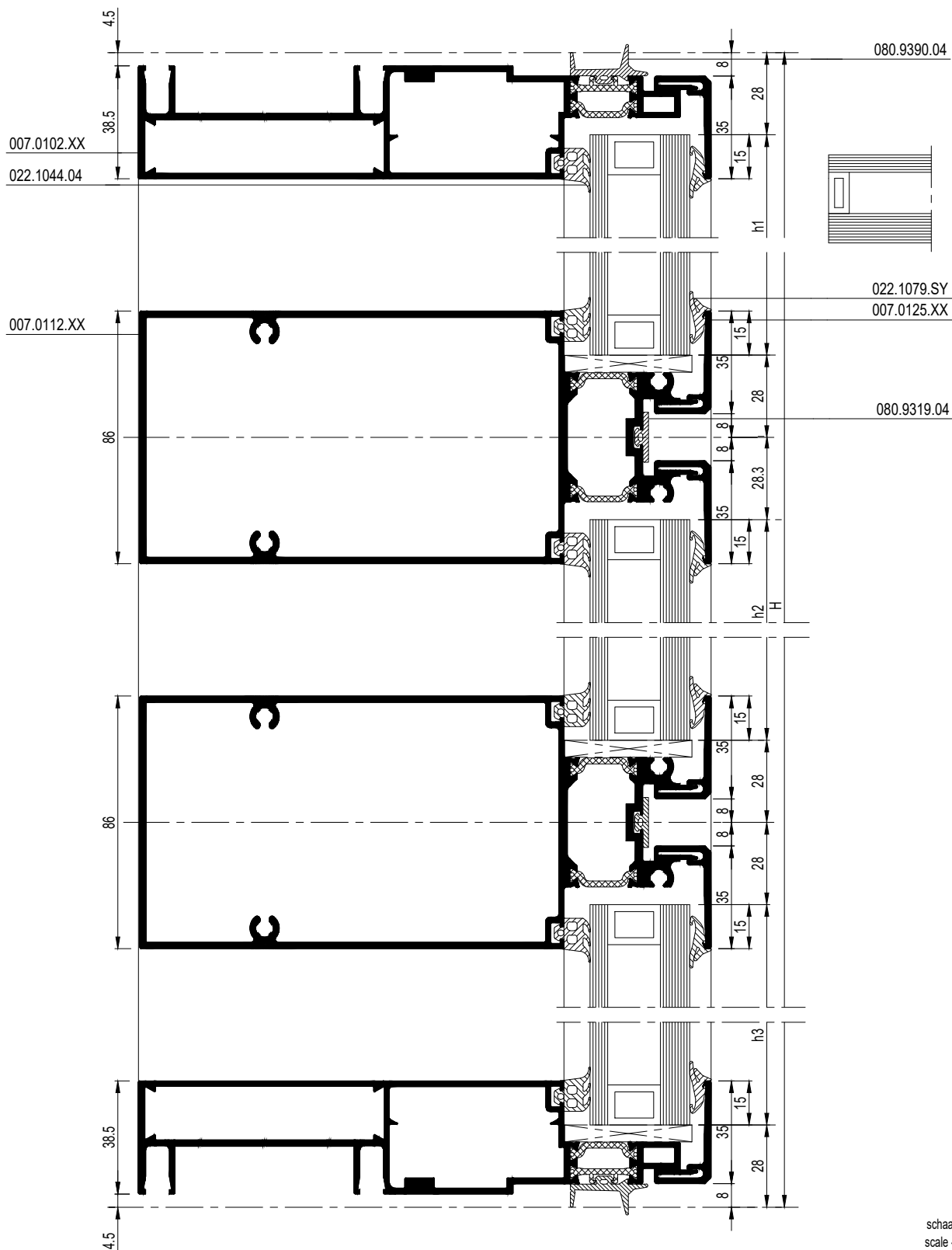
kaders, cadres, frames, Rahmen	69.B...
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schaal - échelle
scale - Maßstab
1/2

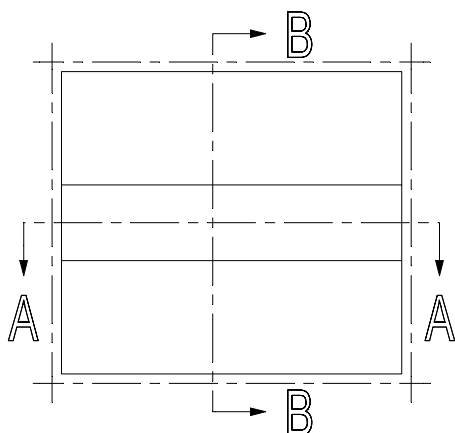
D0044906

B - B



schaal - échelle
scale - Maßstab
1/2

D0044906



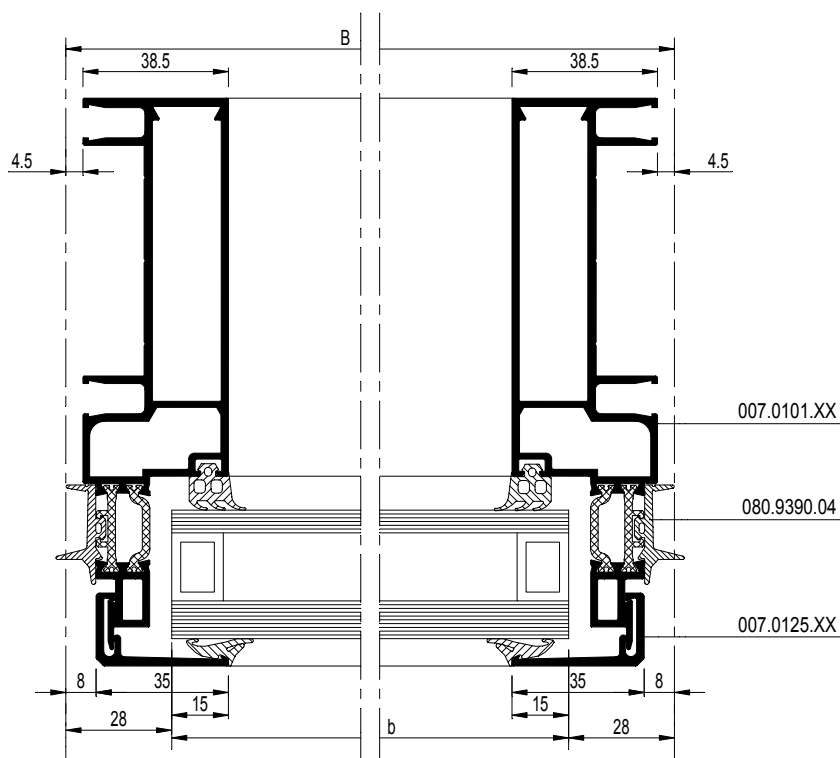
			#		
007.0101.XX			2	B - 9	69.C...
			2	H - 9	
007.0115.XX			2	B - 45	69.C...
007.0125.XX			6	B - 16	69.C...
			2	H1 - 16	
			2	H2 - 16	
			2	H3 - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN VOLGENS TOEPASSING, WINDBELASTING EN GEWICHT ELEMENTEN
DIMENSIONS MAXIMALE SUIVANT UTILISATION, CHARGE DE VENT ET POIDS PROPRE DES ELEMENTS
MAXIMUM DIMENSIONS FOLLOWING APPLICATION, WINDPRESSURE AND WEIGHT
ZULASSIGE ELEMNTGROSSE NACH ANWENDUNG, WINDLAST UND ELEMENT GEWICHT

A - A

		#	
068.6409.00		4	69.G...
of/ou/or/oder			
068.6423.00		4	69.G...
068.5933.--		16	69.G...
068.8875.00		4	69.G...
052.5371.--		16	69.G...
080.9381.04		12x0.1m	69.G...
080.9319.04		(2xB)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...
of/ou/or/oder			
kaders, cadres, frames, Rahmen			69.B...



	097.0598.00
	097.0600.00
	097.0601.00
	097.0604.00
	097.L500.00

schaal - échelle
scale - Maßstab
1/2

D0044917



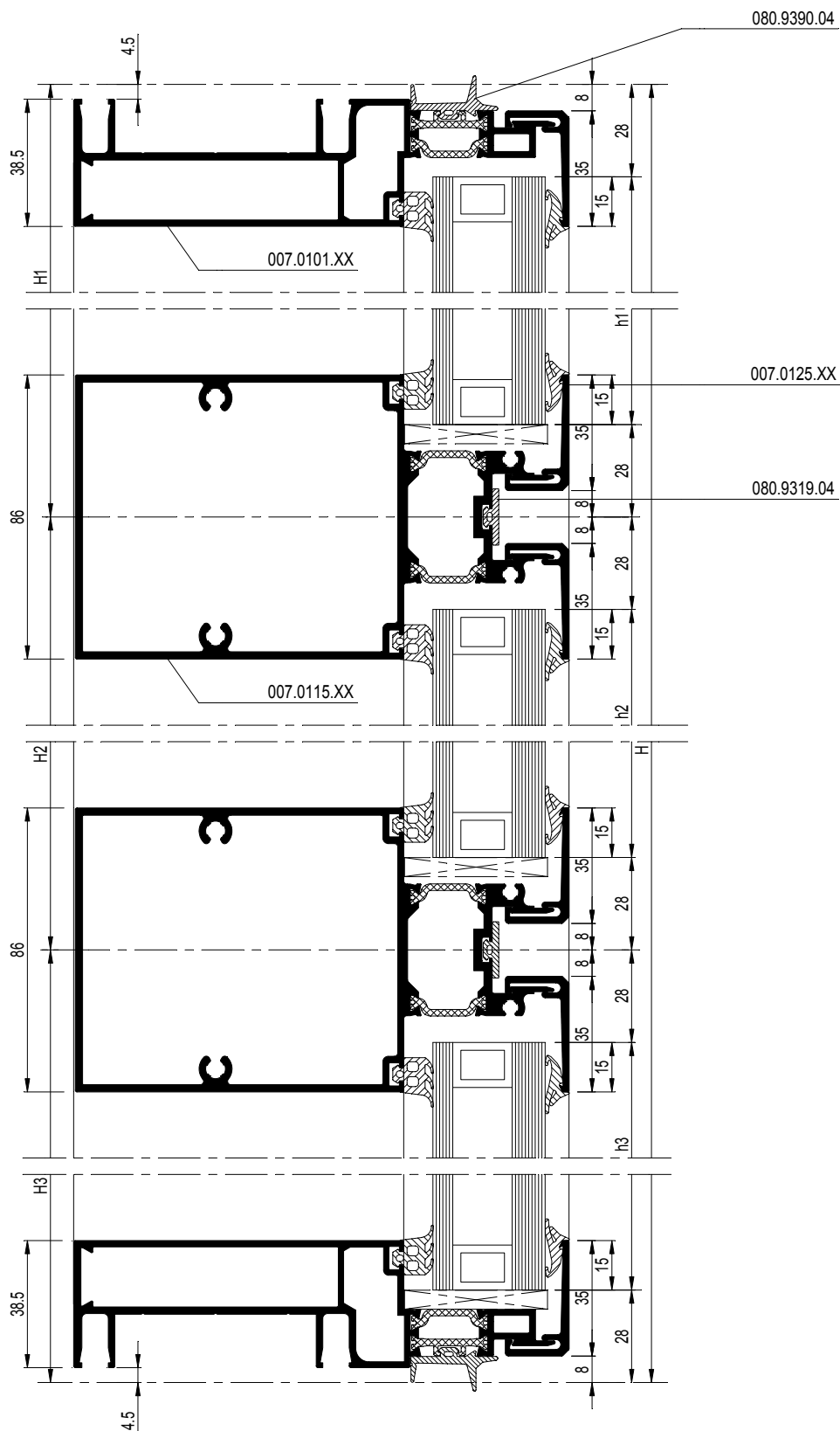
b = B - 56

h1 = H1 - 56

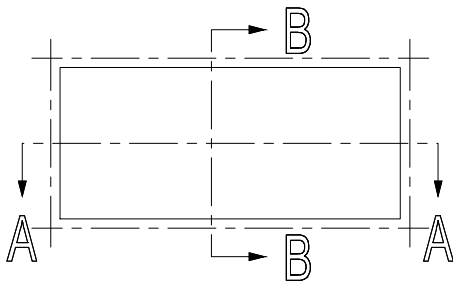
h2 = H2 - 56

h3 = H3 - 56

B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 42
h = H - 42

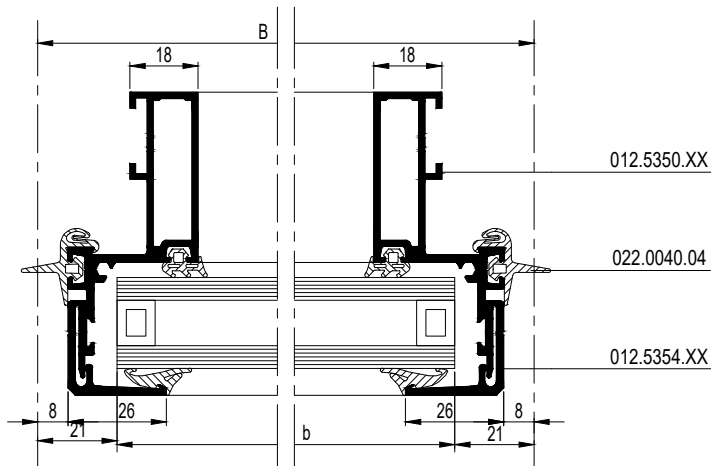
			#		
012.5350.XX			2	B - 16	69.C...
			2	H - 16	
012.5354.XX			2	B - 16	69.C...
			2	H - 16	

Montagetekeningen		69.F...
Fabrication et montage		69.F...
Assembly drawings		69.F...
Montagezeichnungen		69.F...

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0605.00
	097.L500.00

A - A



		#	
021.0038.00		4	69.G...

of/ou/or/oder

021.0034.00		4	69.G...
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052.5318.--		4	69.G...
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021.2181.00		min. 4	69.G...
073.6310.00		min. 4	69.G...
050.5140.--		min. 8	69.G...

025.1076.00		2	69.G...
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of/ou/or/oder

069.6820.00		2	69.G...
055.5640.--		2	69.G...

080.9381.04		4x0.1m	69.G...
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of/ou/or/oder

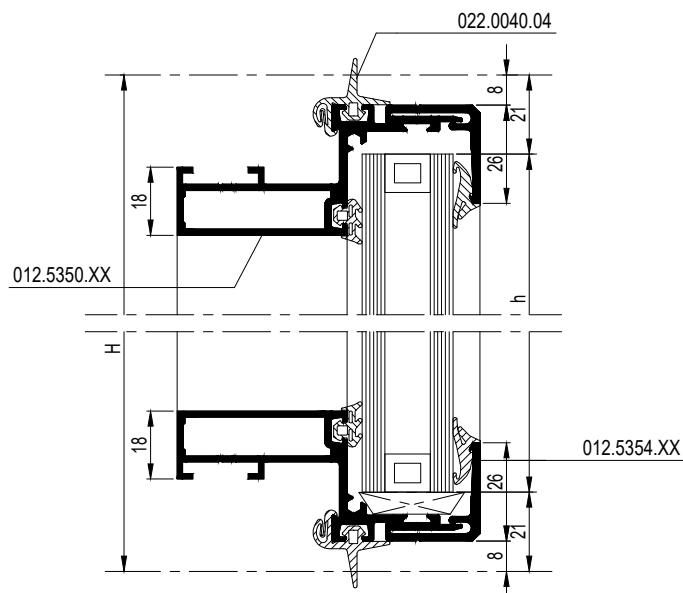
055.5640.--		4	69.G...
-------------	--	---	---------

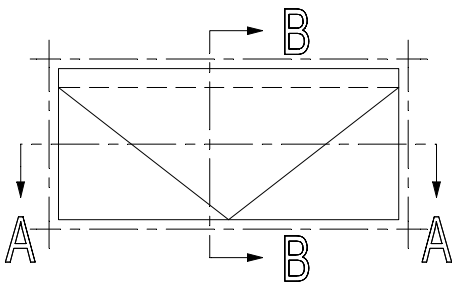
022.0040.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

kaders, cadres, frames, Rahmen			69.B...
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B - B





b = B - 42
h = H - 42

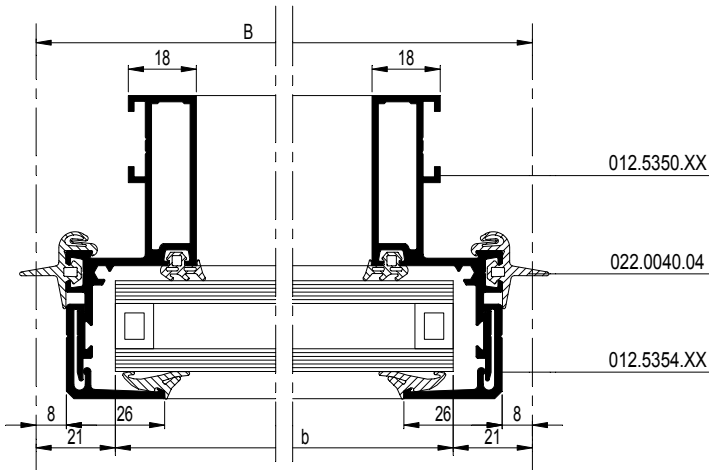
			#		
012.5350.XX			2	B - 16	69.C...
			2	H - 16	
012.5354.XX			2	B - 16	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
			(2)	69.F...	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0605.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0044919

		#	
021.0038.00		4	69.G...

of/ou/or/oder

021.0034.00		4	69.G...
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052.5318.--		4	69.G...
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060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
052.5332.--		69.F...	69.G...
or 050.5130.-		69.G...	69.G...
060.7065.--		69.F...	69.G...
069.7073.01		69.F...	69.G...
052.5312.--		69.F...	69.G...
060.7871.00		69.F...	69.G...

080.9381.04		4x0.1m	69.G...
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of/ou/or/oder

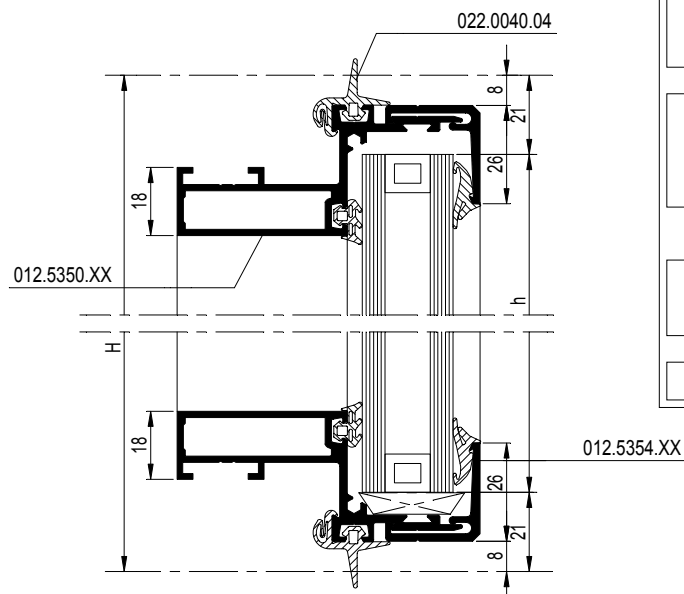
055.5640.--		4	69.G...
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022.0040.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

of/ou/or/oder

kaders, cadres, frames, Rahmen			69.B...
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B - B



021.5640.-- *		1	69.G...
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050.5009--		6	69.G...
057.5714.--		6	69.G...

050.5119.--		6	69.G...
050.5012.--		2	69.G...
073.6300.00		1	69.G...

of/ou/or/oder

050.5118.--		6	69.G...
050.5000.--		2	69.G...

060.8315.XX		1	69.G...
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(*)of/ou/or/oder

021.5650.-- *		1	69.G...
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050.5009--		8	69.G...
057.5714.--		8	69.G...

050.5119.--		6	69.G...
050.5012.--		2	69.G...
073.6300.00		1	69.G...

of/ou/or/oder

050.5118.--		6	69.G...
050.5000.--		2	69.G...

060.8316.XX		1	69.G...
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(*)of/ou/or/oder

021.5660.-- *		1	69.G...
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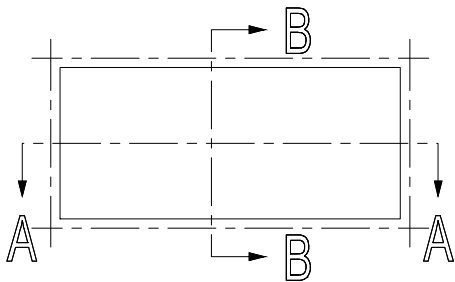
050.5009--		8	69.G...
057.5714.--		8	69.G...

050.5119.--		6	69.G...
050.5012.--		2	69.G...
073.6300.00		1	69.G...

of/ou/or/oder

050.5118.--		6	69.G...
050.5000.--		2	69.G...

060.8317.XX		1	69.G...
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b = B - 42
h = H - 42

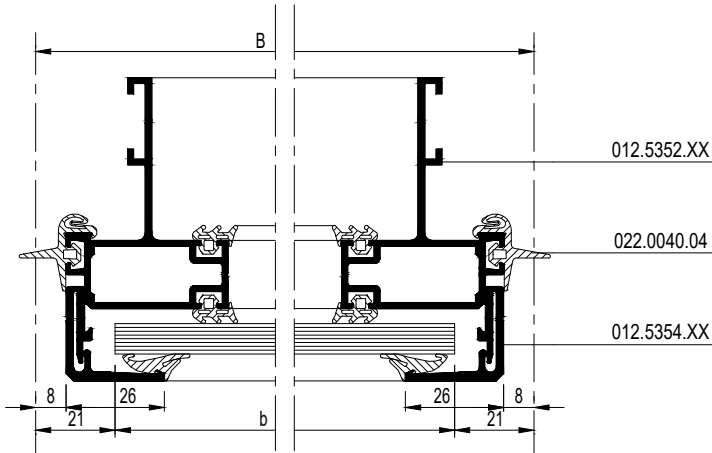
			#	$\leftarrow L_m \rightarrow$	
012.5352.XX			2	B - 16	69.C...
			2	H-16	
012.5354.XX			2	B - 16	69.C...
			2	H-16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0605.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0044920

		#	
021.0218.00		4	69.G...

of/ou/or/oder

021.0219.00		4	69.G...
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021.0049.00		4	69.G...
-------------	---	---	---------

021.2181.00		min. 4	69.G...
073.6310.00		min. 4	69.G...

050.5140.--		min. 8	69.G...
-------------	---	--------	---------

025.1076.00		2	69.G...
-------------	---	---	---------

of/ou/or/oder

069.6820.00		2	69.G...
055.5640.--		2	69.G...

080.9381.04		4x0.1m	69.G...
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of/ou/or/oder

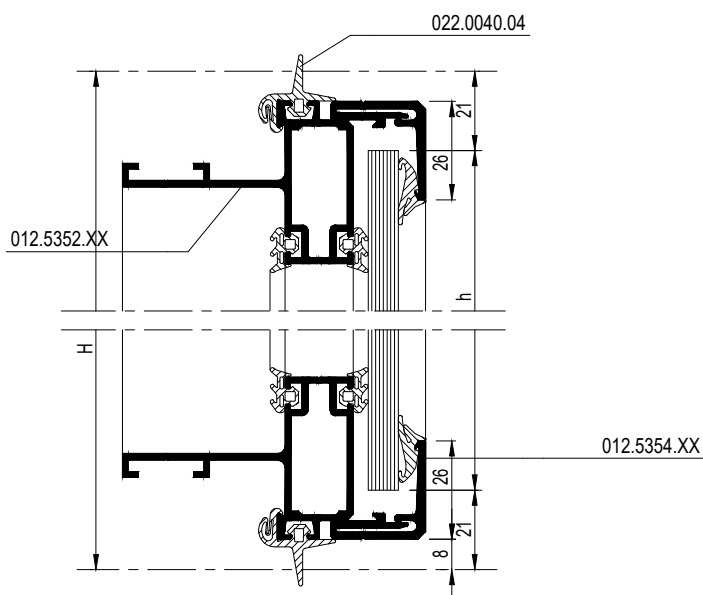
055.5640.--		4	69.G...
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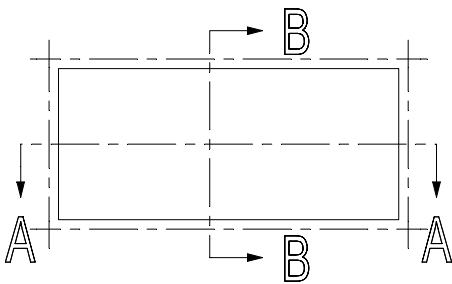
022.0040.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B





b = B - 56
h = H - 56

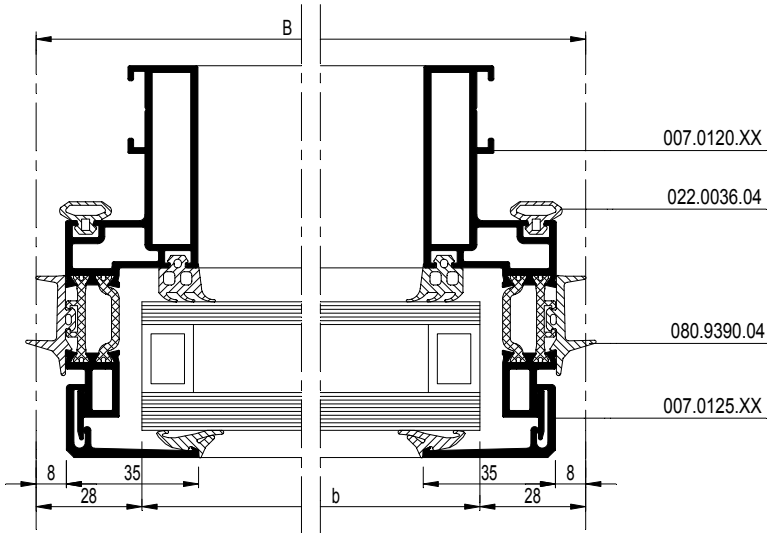
			#		
007.0120.XX			2	B - 16	69.C...
			2	H-16	
007.0125.XX			2	B - 16	69.C...
			2	H-16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0044923

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

021.2181.00		min. 4	69.G...
073.6310.00		min. 4	69.G...

050.5140.--		min. 8	69.G...
-------------	--	--------	---------

025.1076.00		2	69.G...
-------------	--	---	---------

of/ou/or/oder

069.6820.00		2	69.G...
055.5640.--		2	69.G...

080.9381.04		4x0.1m	69.G...
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of/ou/or/oder

051.5279.--		4	69.G...
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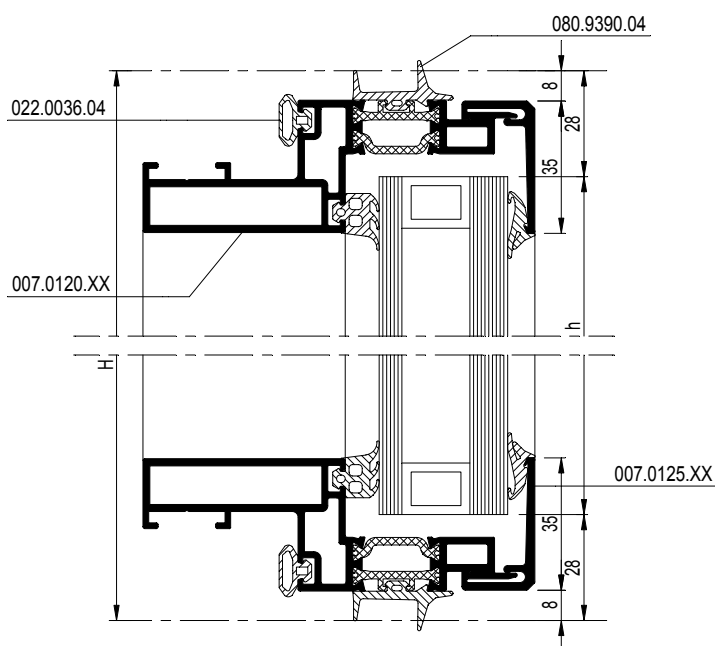
022.0036.04		(2xH)+(2xB)	69.G...
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080.9390.04		(2xH)+(2xB)	69.G...
-------------	--	-------------	---------

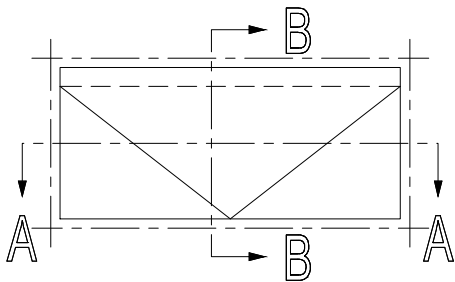
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 56
h = H - 56

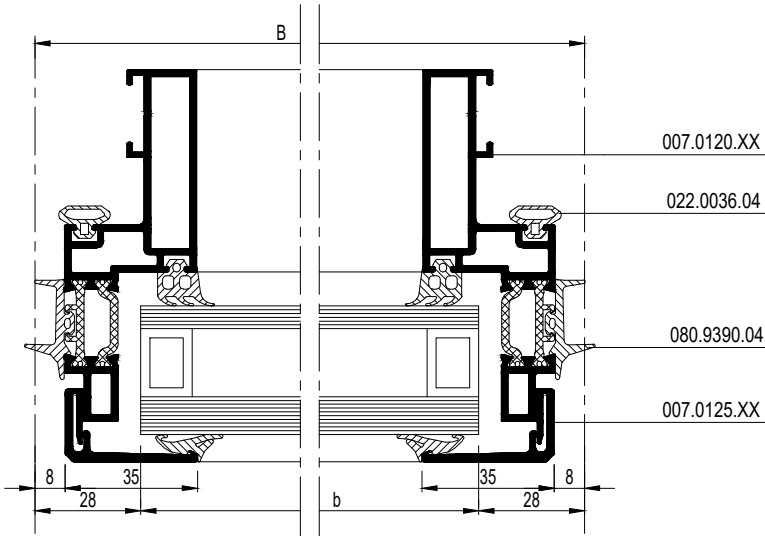
			#	$\leftarrow L_m \rightarrow$	
007.0120.XX			2	B - 16	69.C...
			2	H-16	
007.0125.XX			2	B - 16	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			(2)	69.F...	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0044924

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7072.--		69.F...	69.G...
052.5332.--		69.F...	69.G...
or 050.5130.-		69.F...	69.G...
060.7065.--		69.F...	69.G...
069.7073.01		69.F...	69.G...
052.5312.--		69.F...	69.G...
060.7871.--		69.F...	69.G...

080.9381.04		4x0.1m	69.G...
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of/ou/or/oder

051.5279.--		4	69.G...
-------------	---	---	---------

022.0036.04		(2xH)+(2xB)	69.G...
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080.9390.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

kaders, cadres, frames, Rahmen			69.B...
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021.5640.-- *		1	69.G...
---------------	---	---	---------

050.5009--		6	69.G...
057.5714.--		6	69.G...

050.5119.--		6	69.G...
050.5012.--		2	69.G...
073.6300.00		1	69.G...

of/ou/or/oder

050.5118.--		6	69.G...
050.5000.--		2	69.G...

060.8315.XX		1	69.G...
-------------	---	---	---------

(*)of/ou/or/oder

021.5650.-- *		1	69.G...
---------------	---	---	---------

050.5009--		8	69.G...
057.5714.--		8	69.G...

050.5119.--		6	69.G...
050.5012.--		2	69.G...
073.6300.00		1	69.G...

of/ou/or/oder

050.5118.--		6	69.G...
050.5000.--		2	69.G...

060.8316.XX		1	69.G...
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(*)of/ou/or/oder

021.5660.-- *		1	69.G...
---------------	---	---	---------

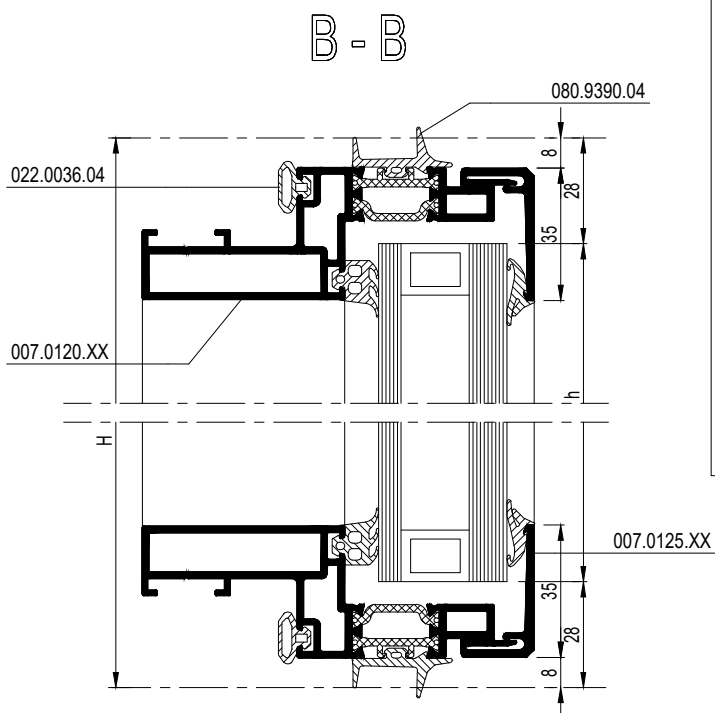
050.5009--		8	69.G...
057.5714.--		8	69.G...

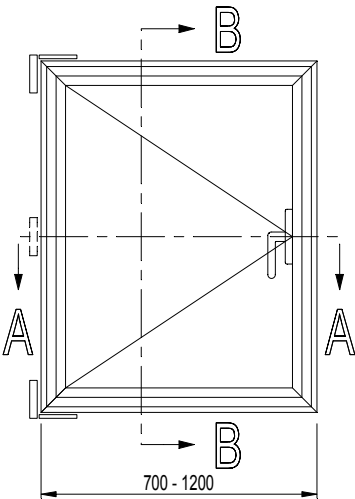
050.5119.--		6	69.G...
050.5012.--		2	69.G...
073.6300.00		1	69.G...

of/ou/or/oder

050.5118.--		6	69.G...
050.5000.--		2	69.G...

060.8317.XX		1	69.G...
-------------	---	---	---------





b = B - 61
h = H - 56

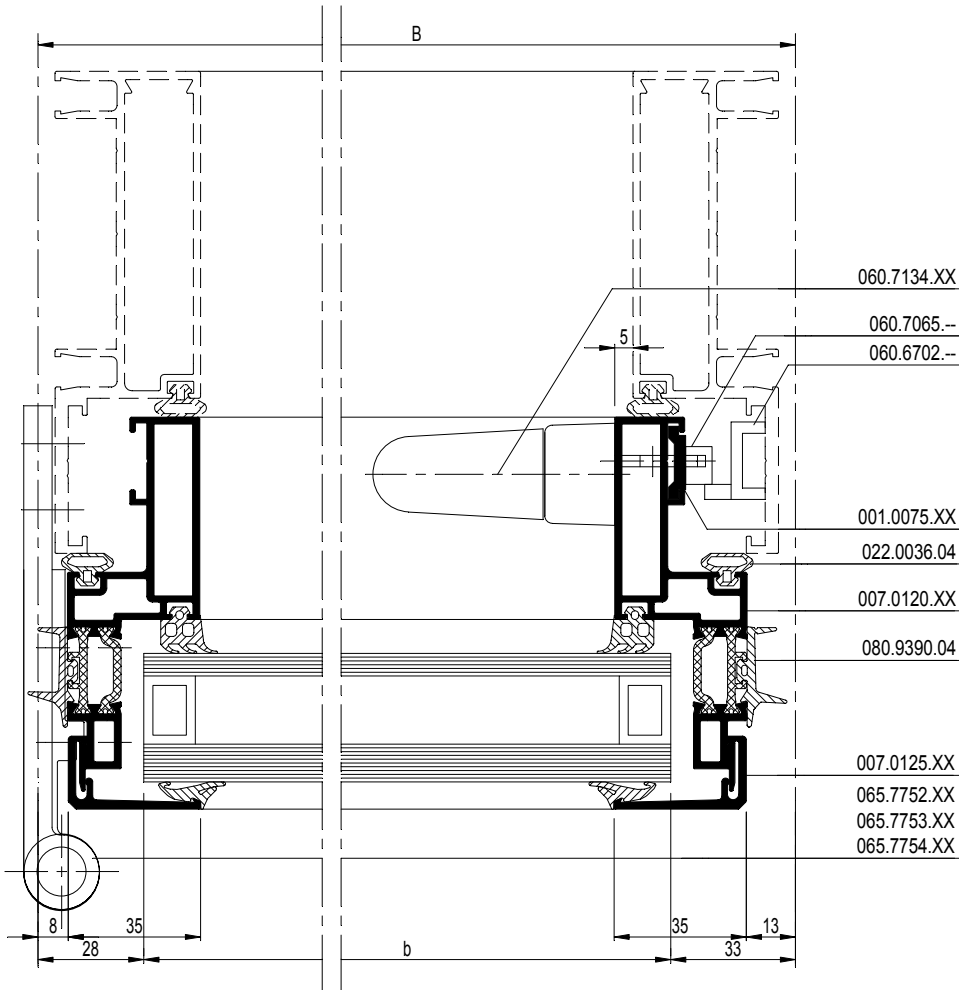
			#		
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0045188

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...

025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...

065.7753.XX		1	69.G...
065.7754.XX		1	69.G...

option

065.7752.XX		1	69.G...
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060.7167.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

of/ou/or/oder

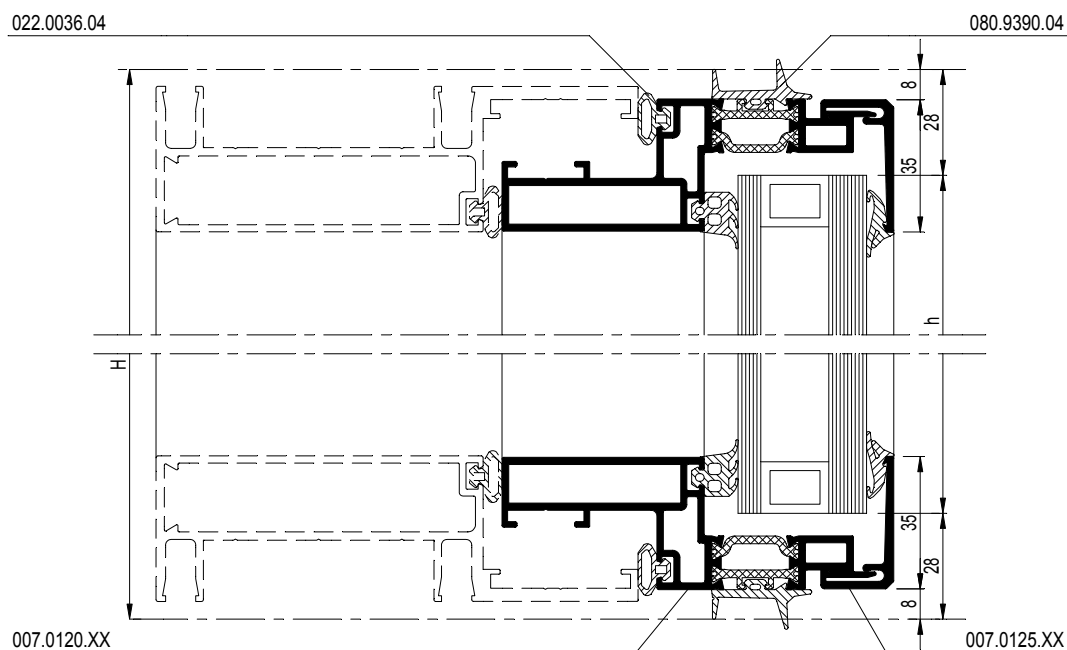
060.7168.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

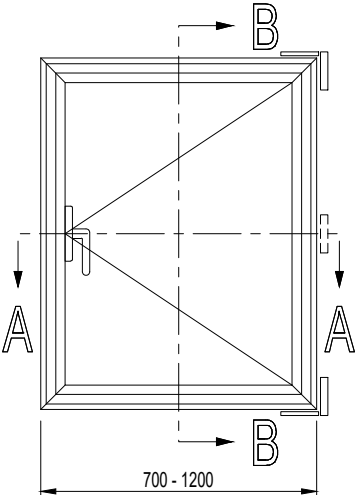
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

			#	Lm	
007.0120.XX			2	B - 21	69.C...
007.0125.XX			2	H-16	69.C...
001.0075.XX			2	B - 21	69.C...
				H-16	
				69.F...	69.C...

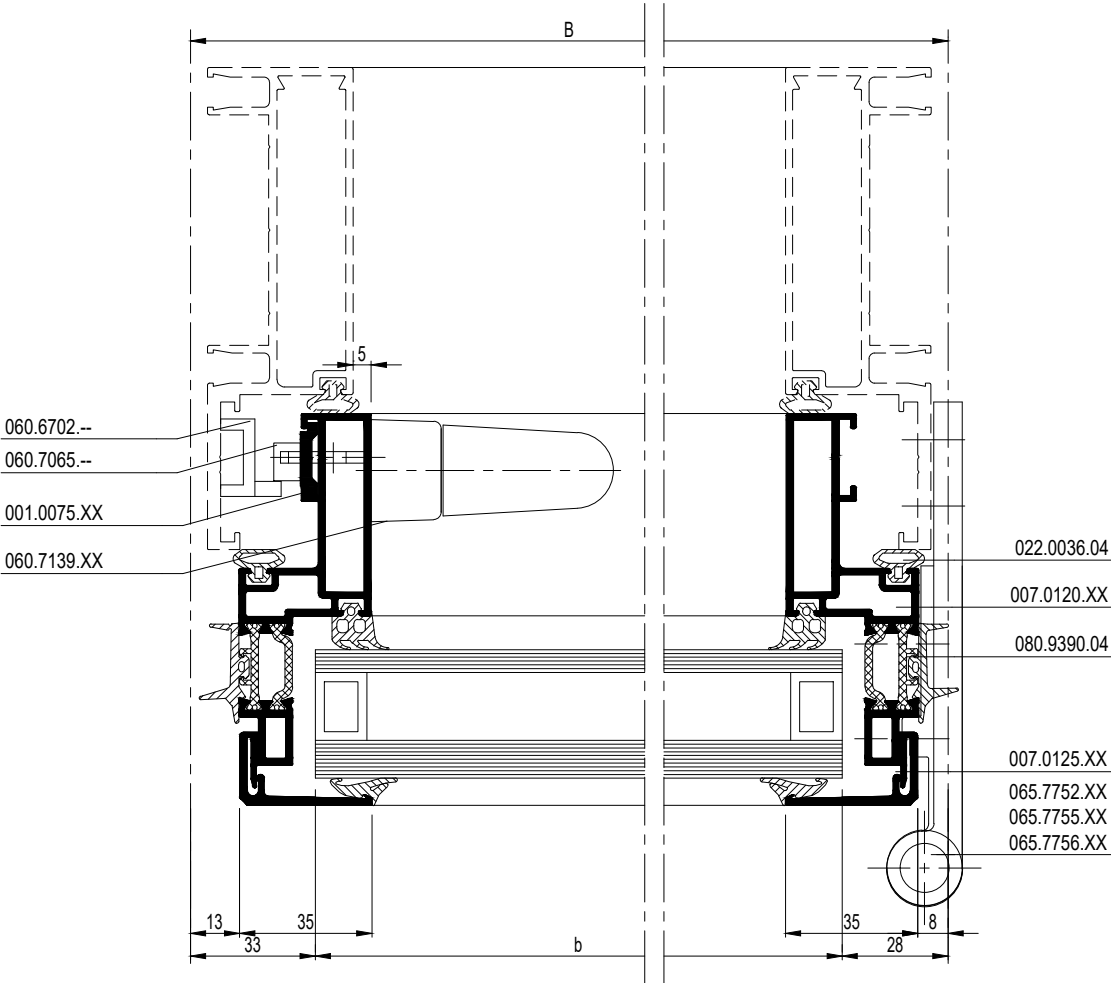
Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

69.F...

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D00045194

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
065.7755.XX		1	69.G...
065.7756.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7167.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

of/ou/or/oder

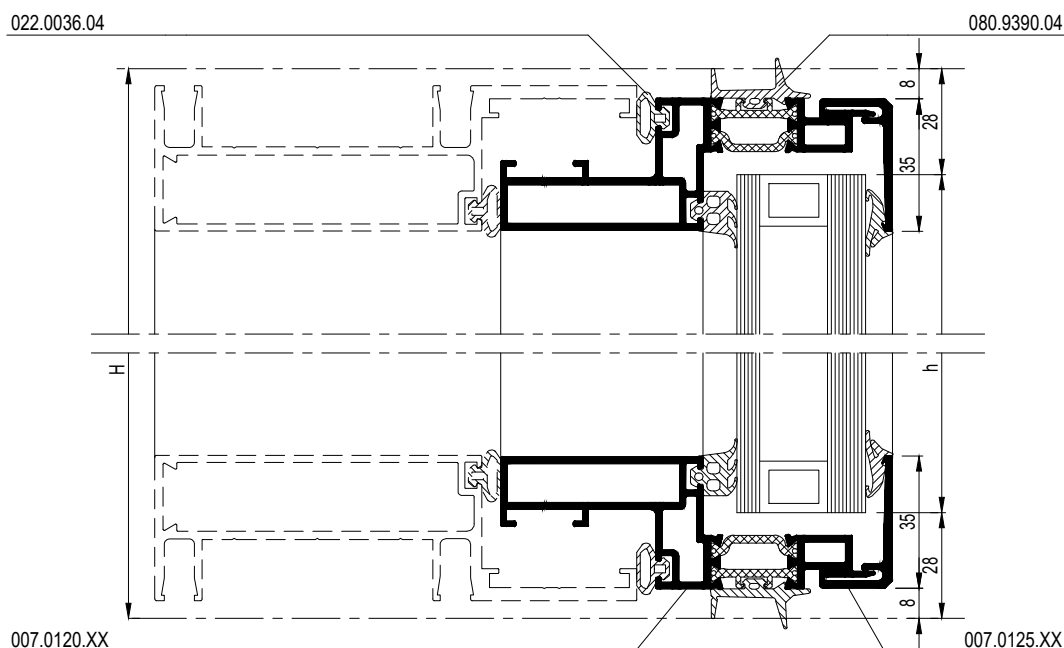
060.7168.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

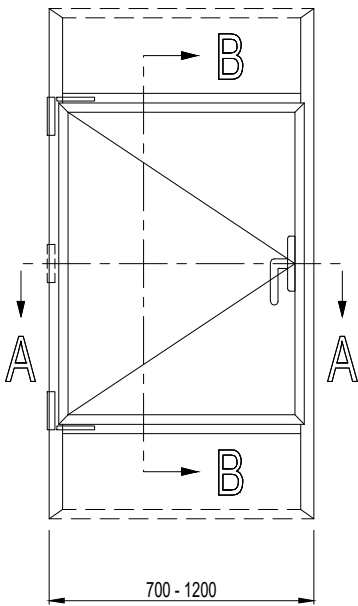
080.9381.04		4 x 0.1	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B





b = B - 61
h = H - 56

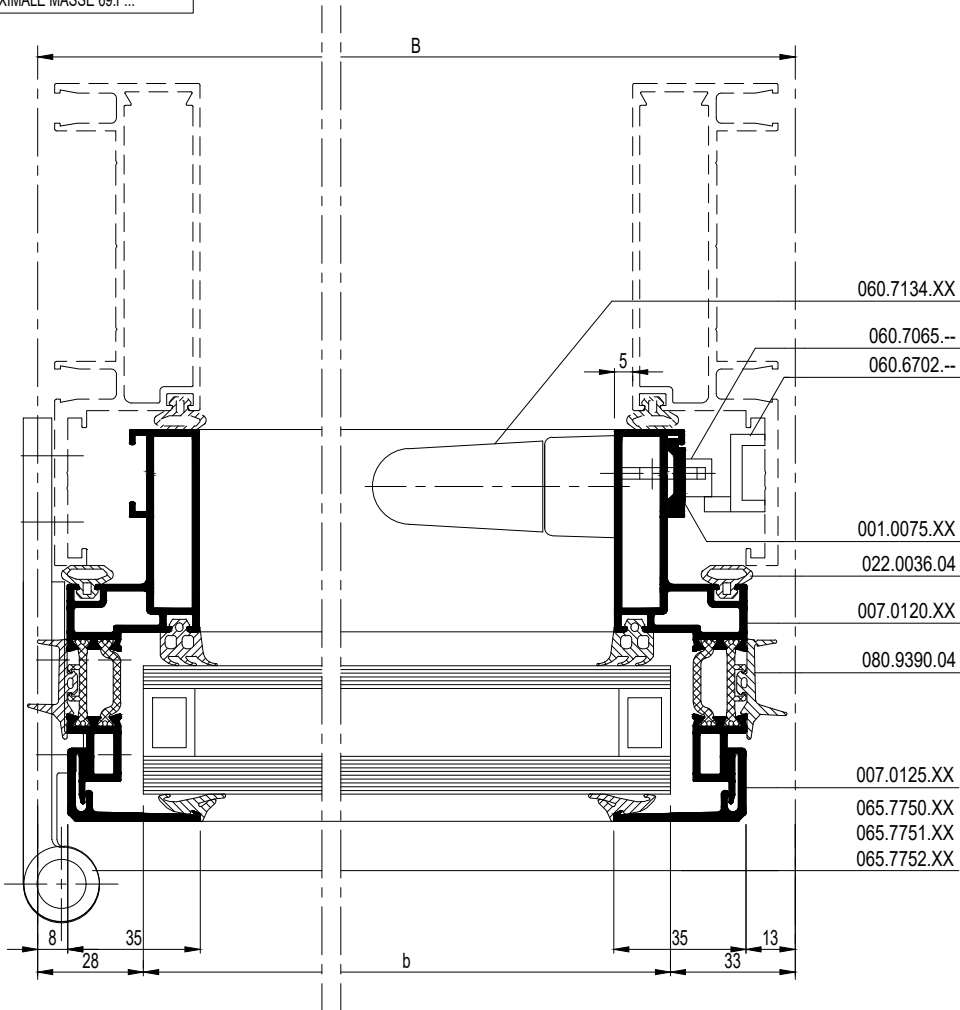
			#	$\leftarrow L_m \rightarrow$	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00



schaal - échelle
scale - Maßstab
1/2

D00045182

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
065.7750.XX		1	69.G...
065.7751.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7167.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

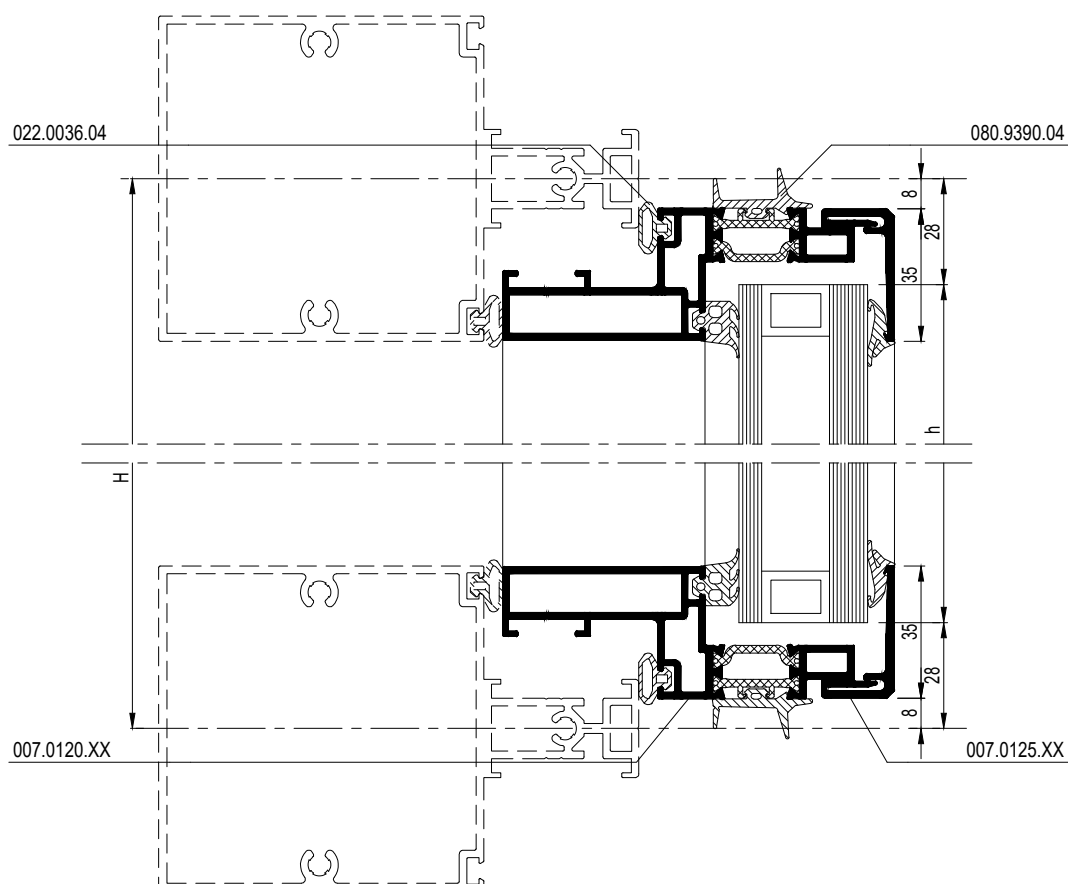
060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

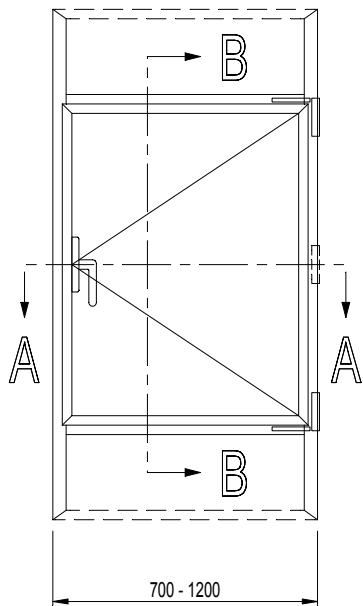
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

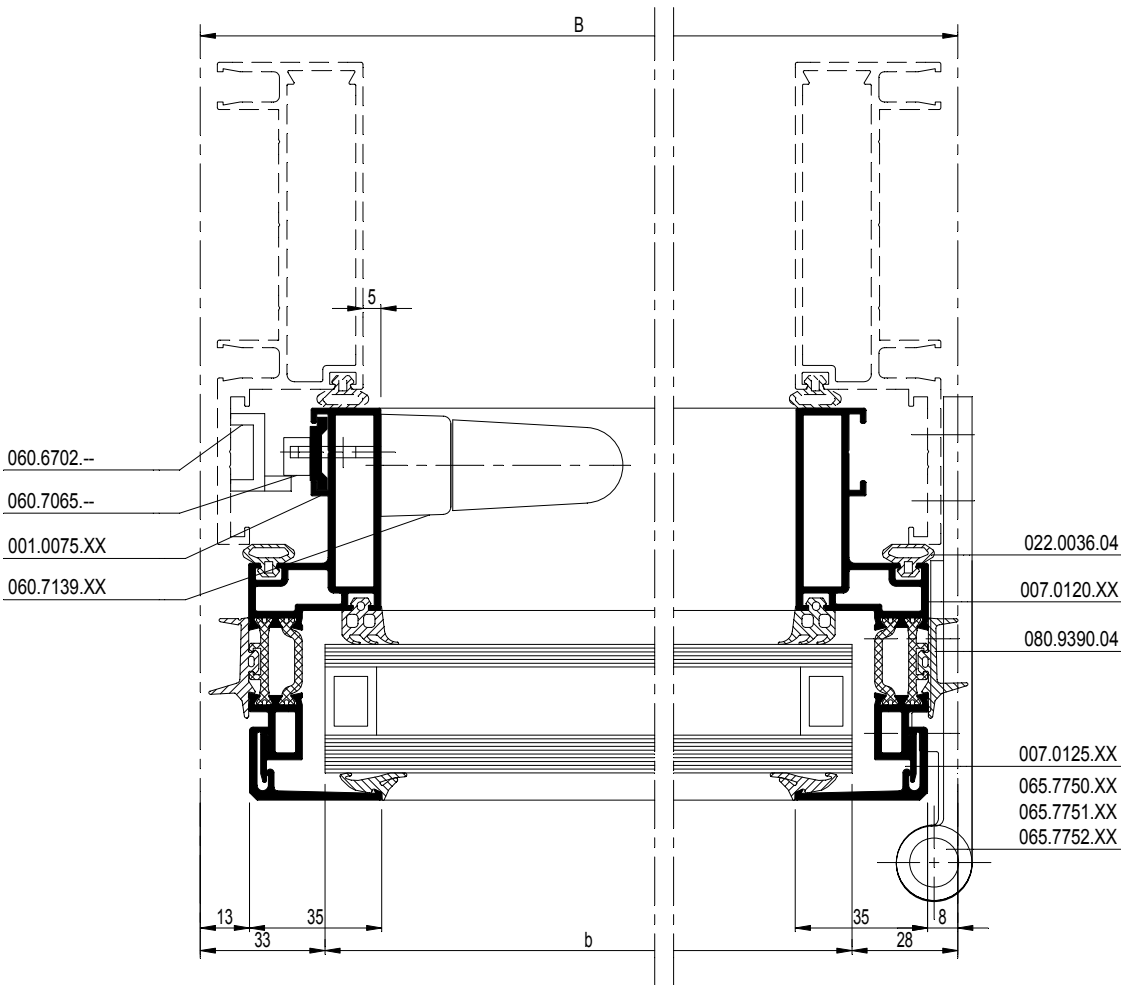
			#	L_m	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A



schaal - échelle
scale - Maßstab
1/2

D0048226

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
065.7750.XX		1	69.G...
065.7751.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7167.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

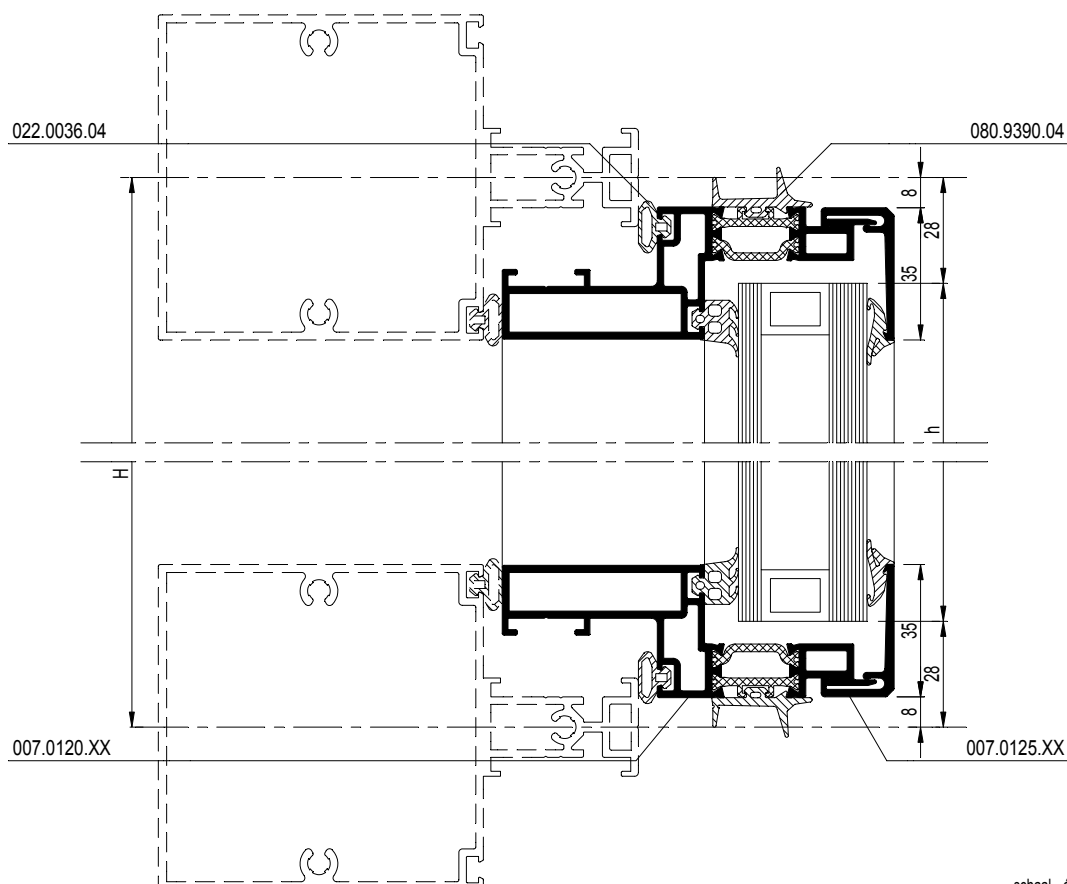
060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

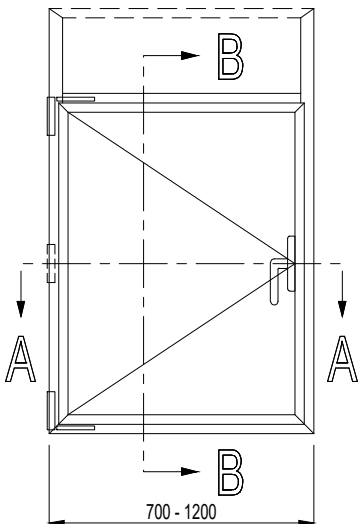
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

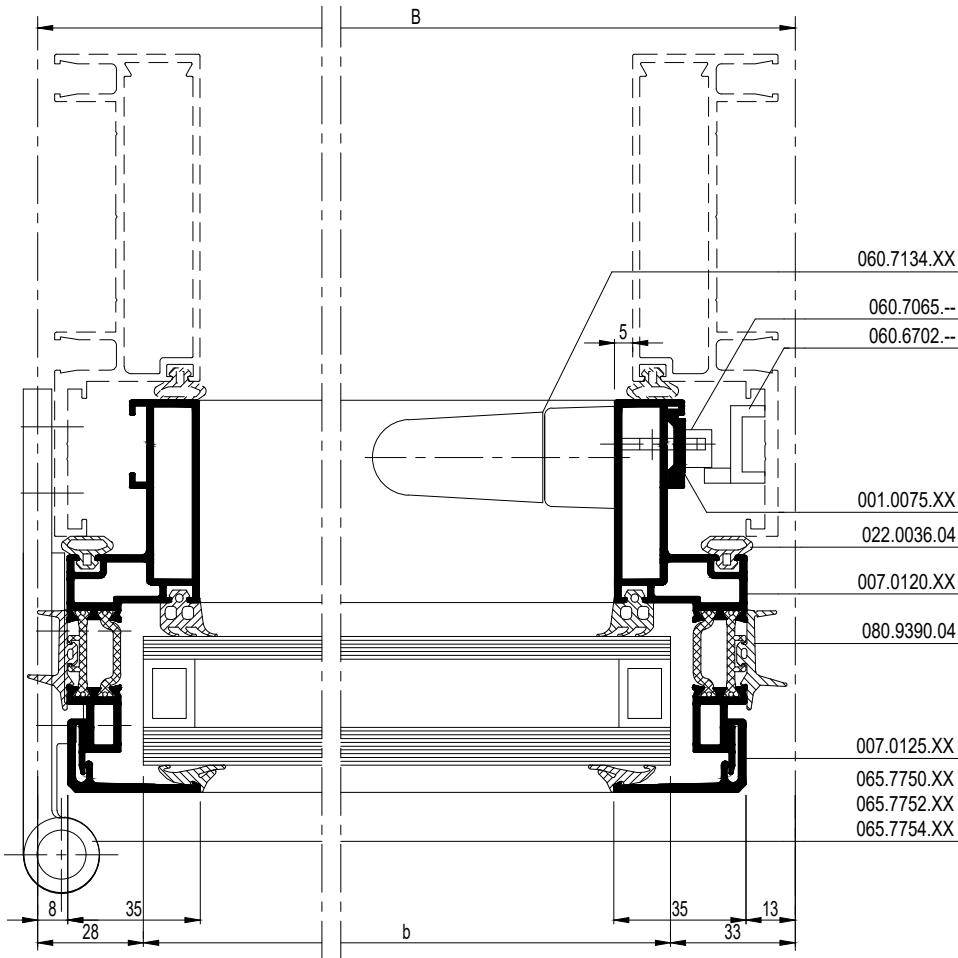
			#	$\leftarrow L_m \rightarrow$	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048227

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
065.7750.XX		1	69.G...
065.7754.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7167.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

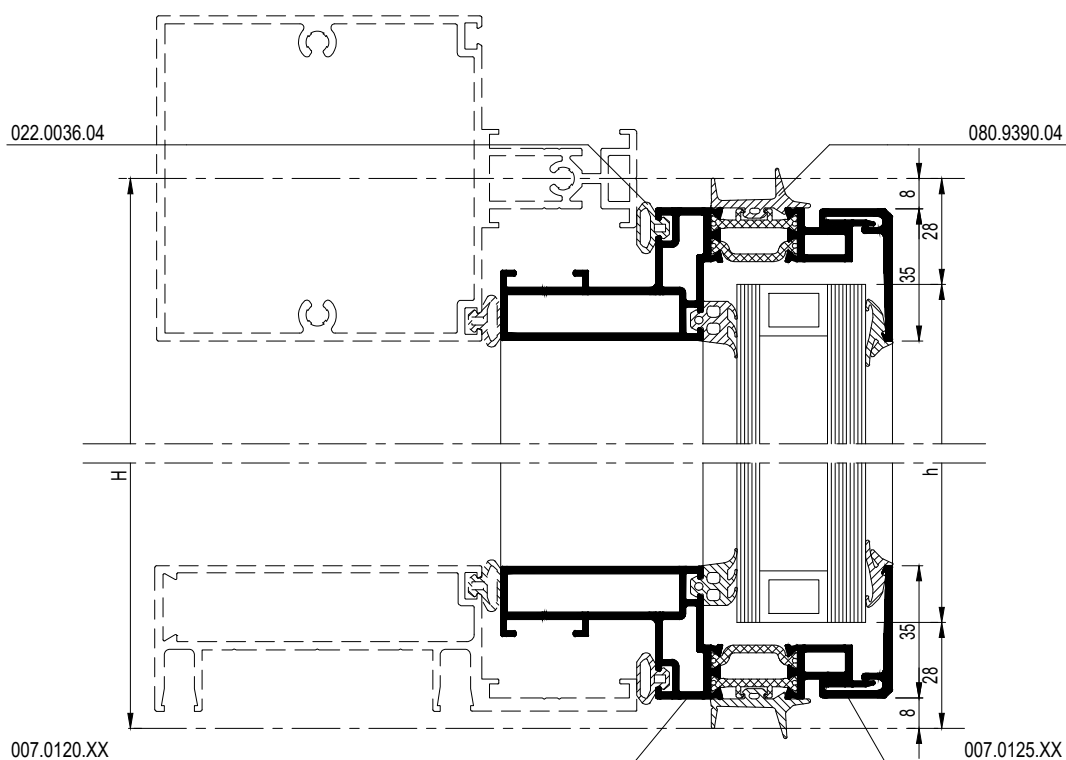
060.7168.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

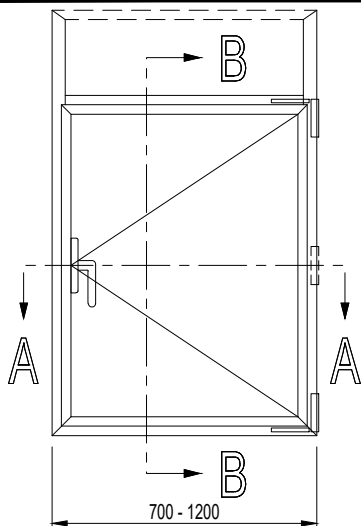
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

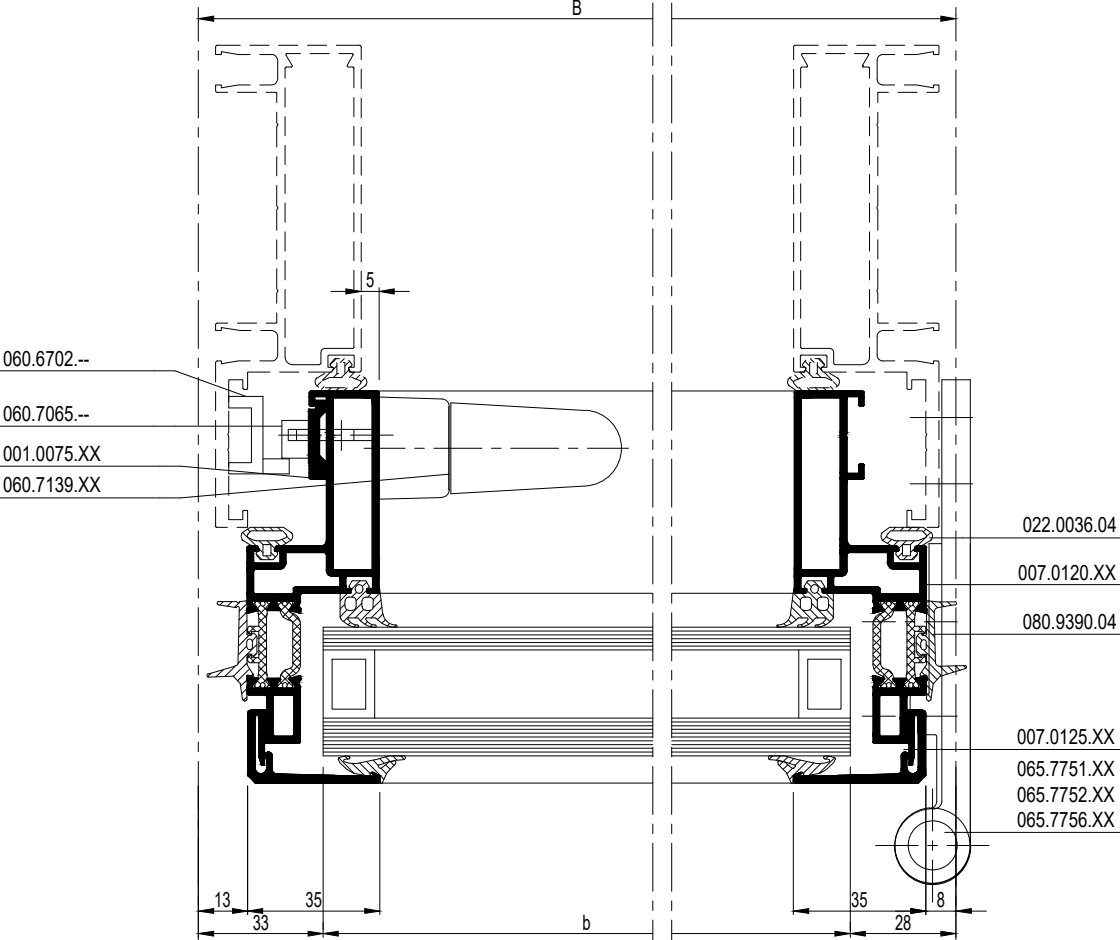
			#	$\leftarrow L_m \rightarrow$	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048228

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...

025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...

065.7751.XX		1	69.G...
065.7756.XX		1	69.G...

option

065.7752.XX		1	69.G...
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060.7167.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

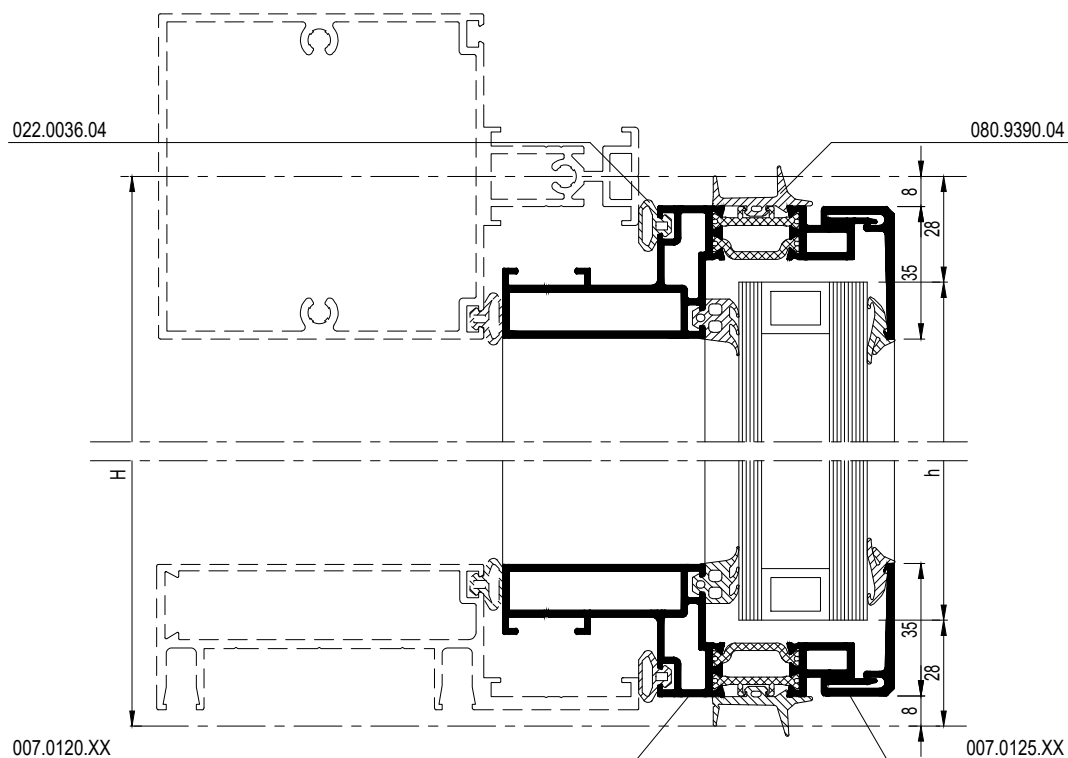
060.7168.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

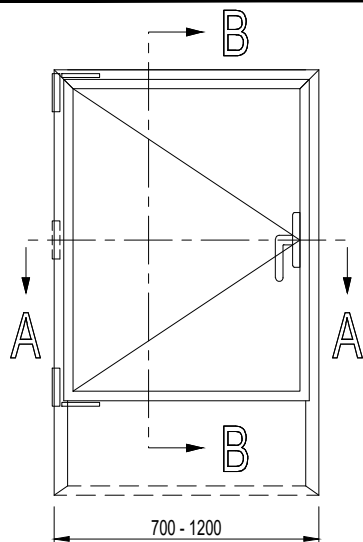
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

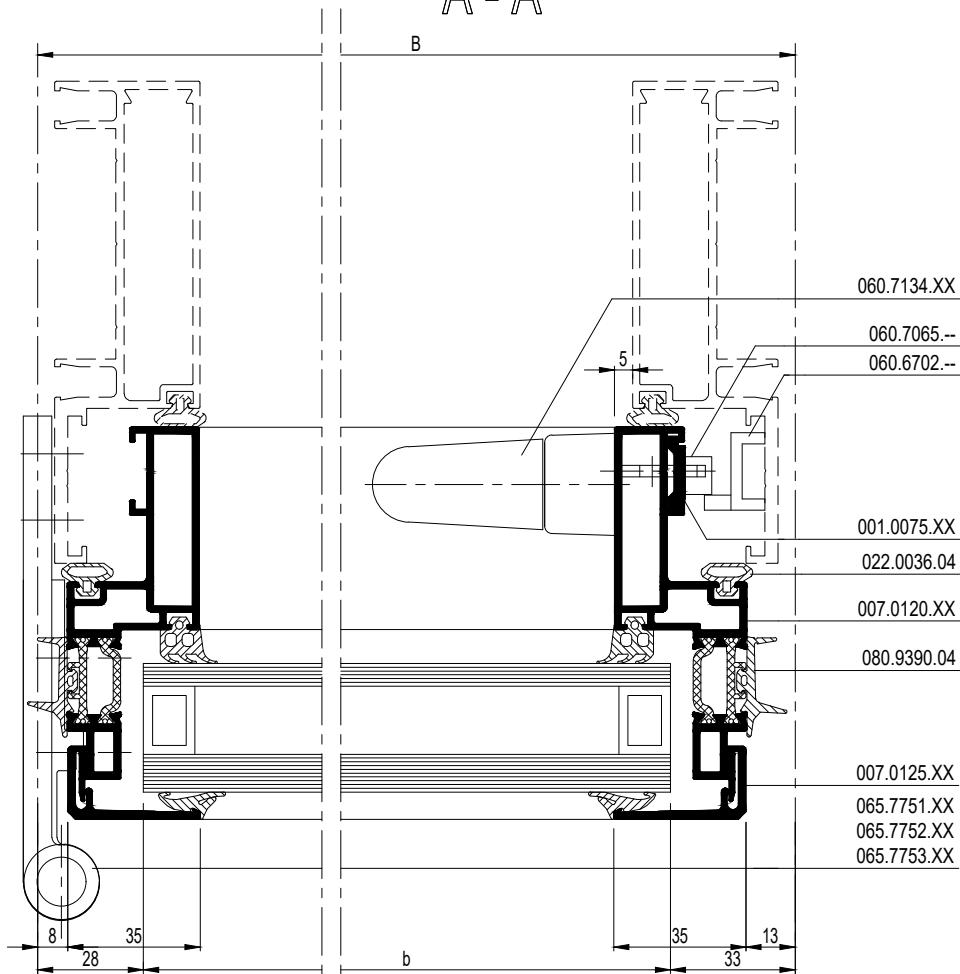
			#	Lm	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048229

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...

025.1007.07		2	69.G...
052.5316.--		2	69.G...

065.7751.XX		1	69.G...
065.7753.XX		1	69.G...

option

065.7752.XX		1	69.G...
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060.7167.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

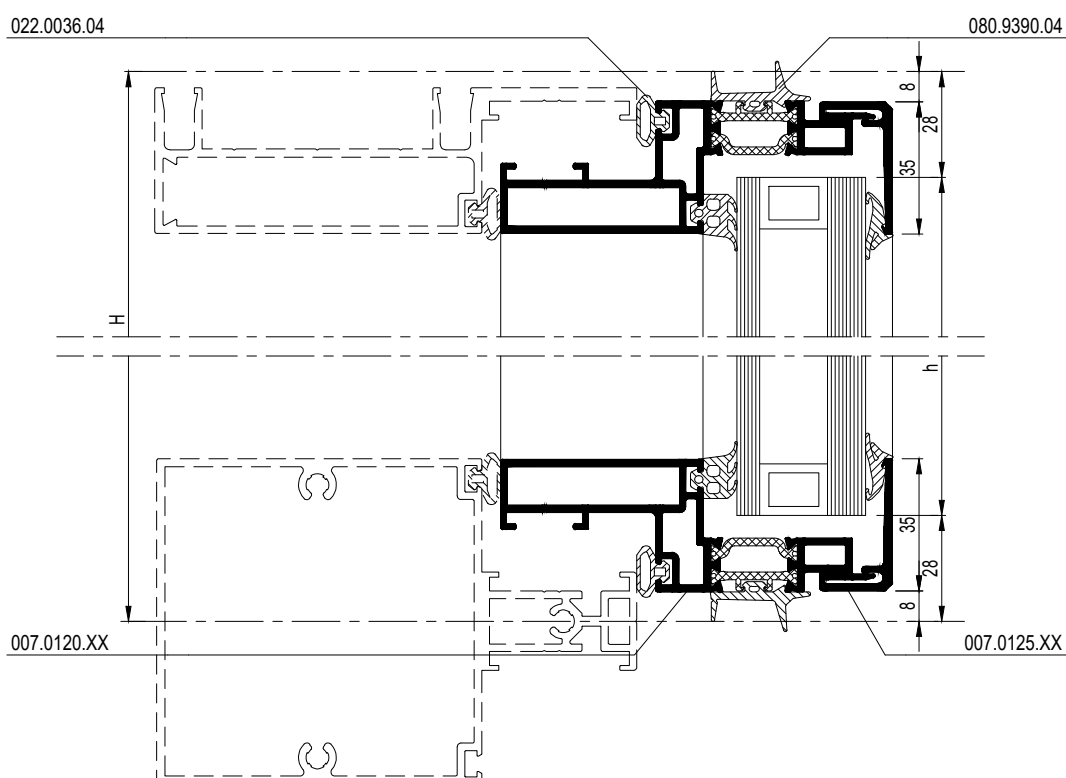
060.7168.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

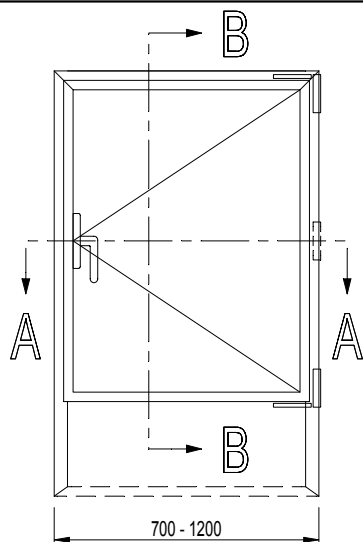
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

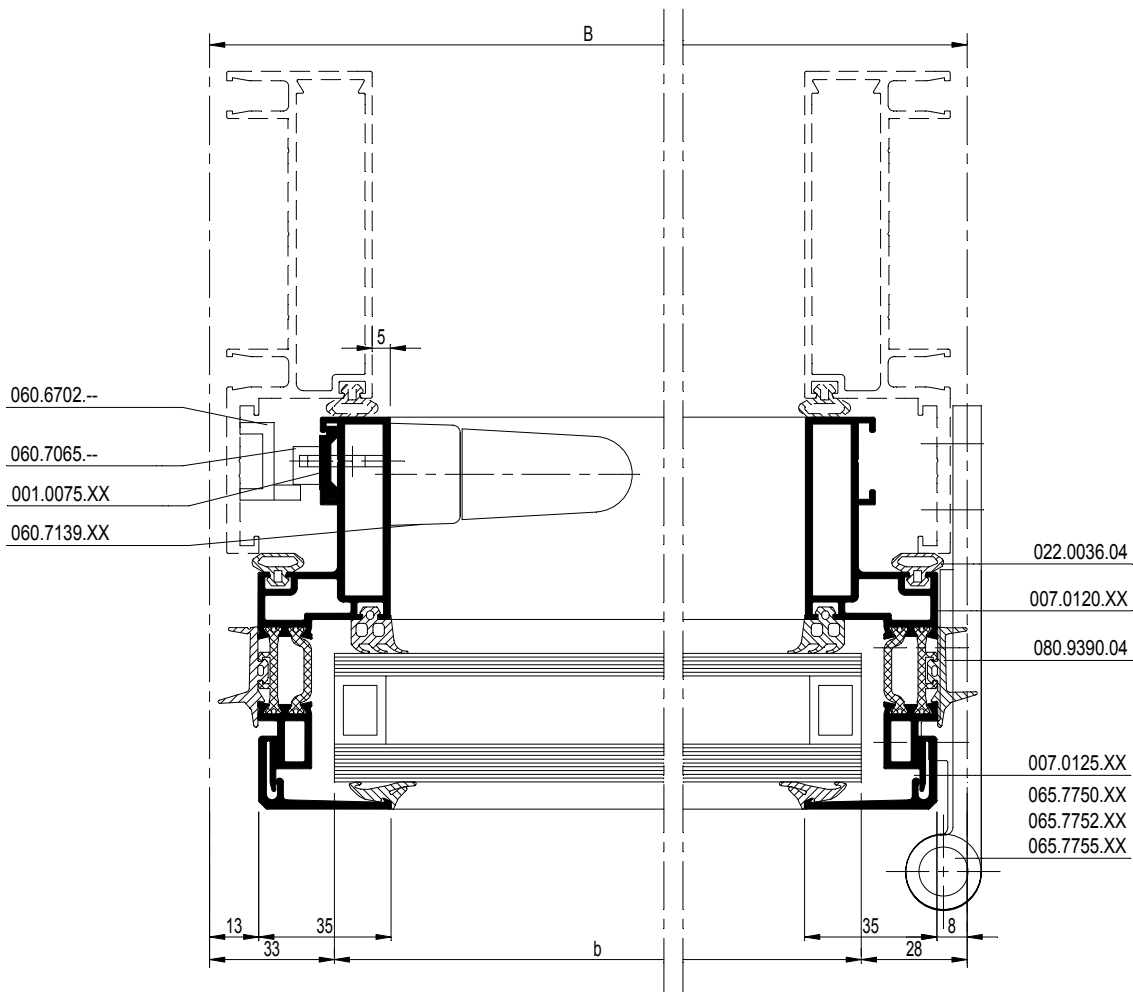
			#		
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00



schaal - échelle
scale - Maßstab
1/2

D0048230

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...

025.1007.07		2	69.G...
052.5316.--		2	69.G...

065.7750.XX		1	69.G...
065.7755.XX		1	69.G...

option

065.7752.XX		1	69.G...
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060.7167.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

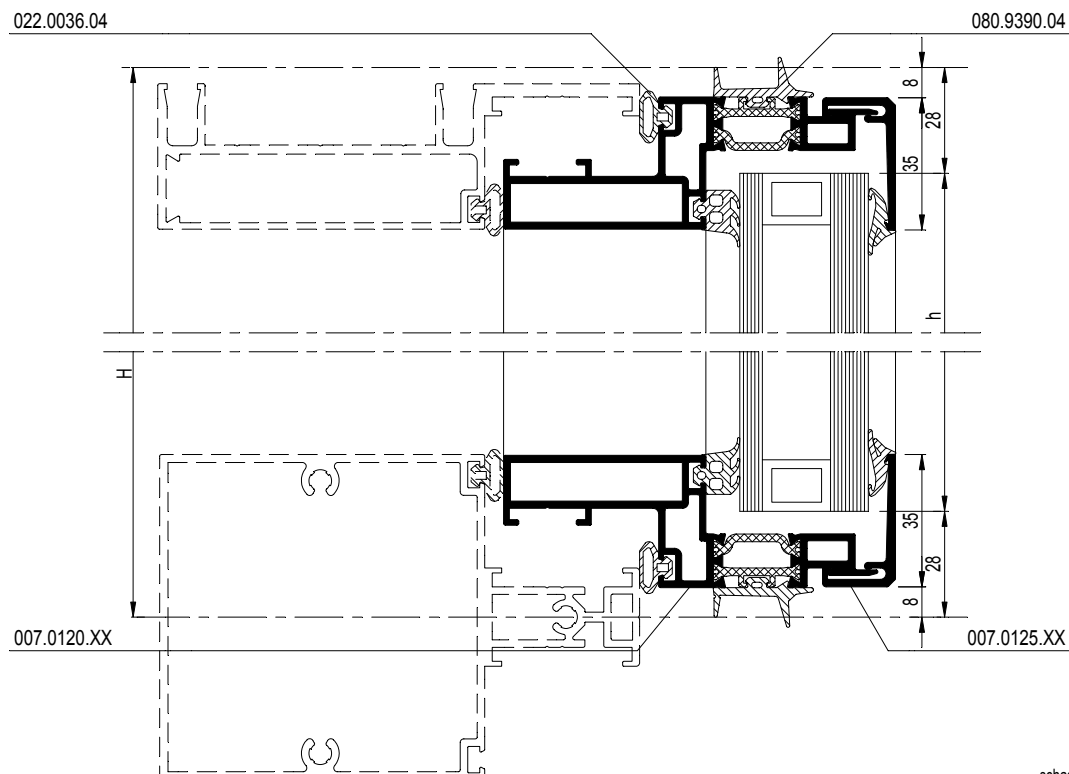
060.7168.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

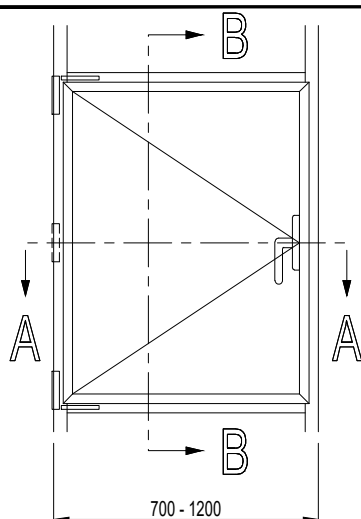
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

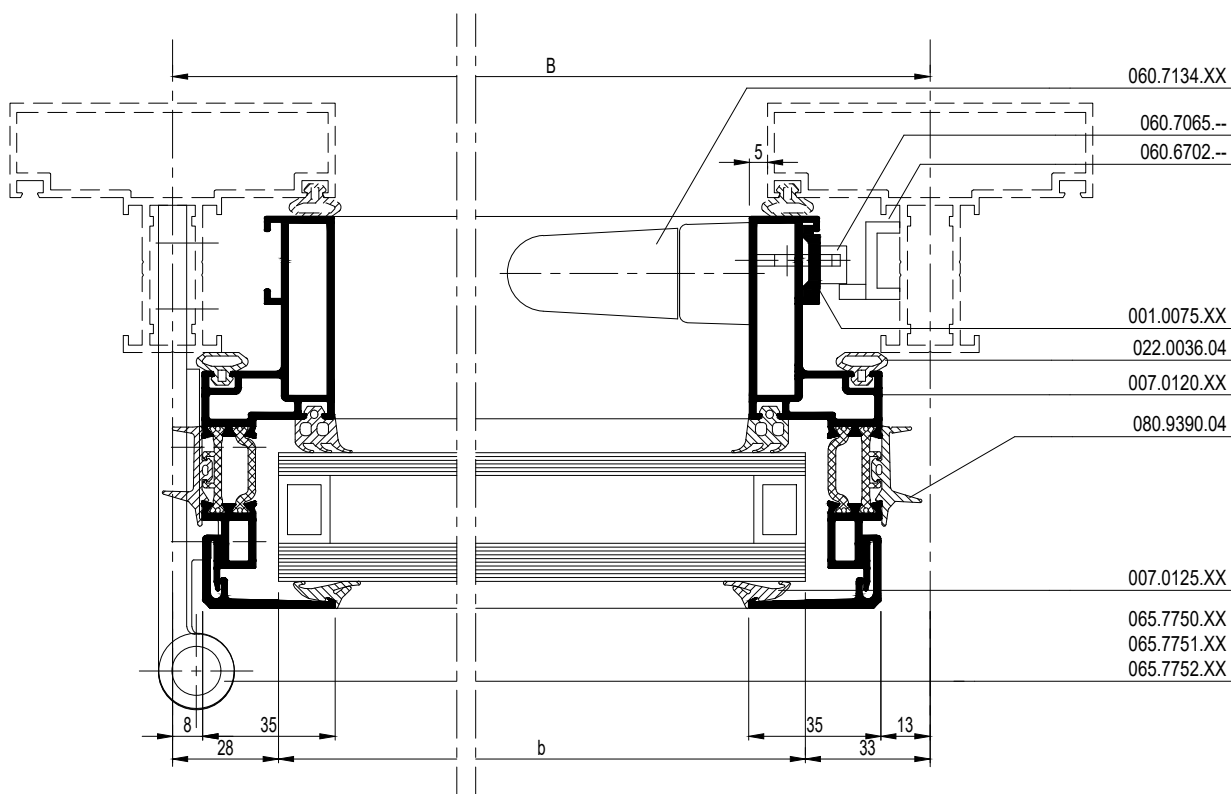
			#	Lm	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D00045176

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
065.7750.XX		1	69.G...
065.7751.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7167.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

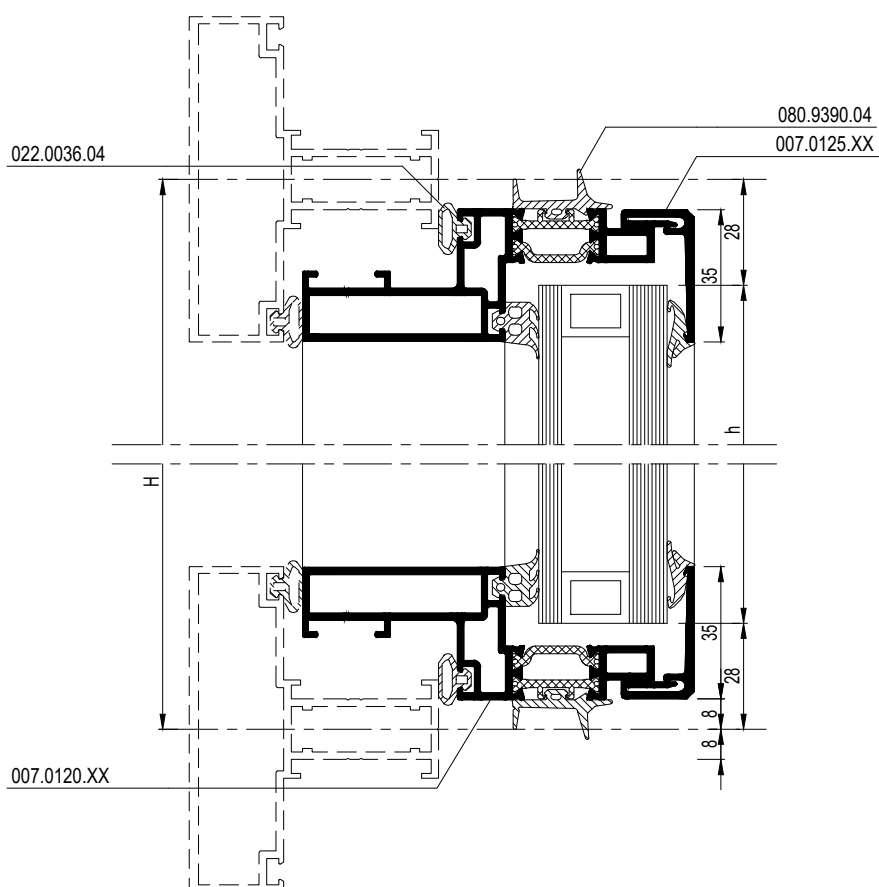
060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

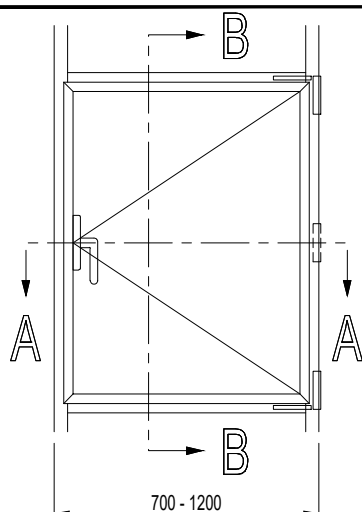
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



$b = B - 61$
$h = H - 56$

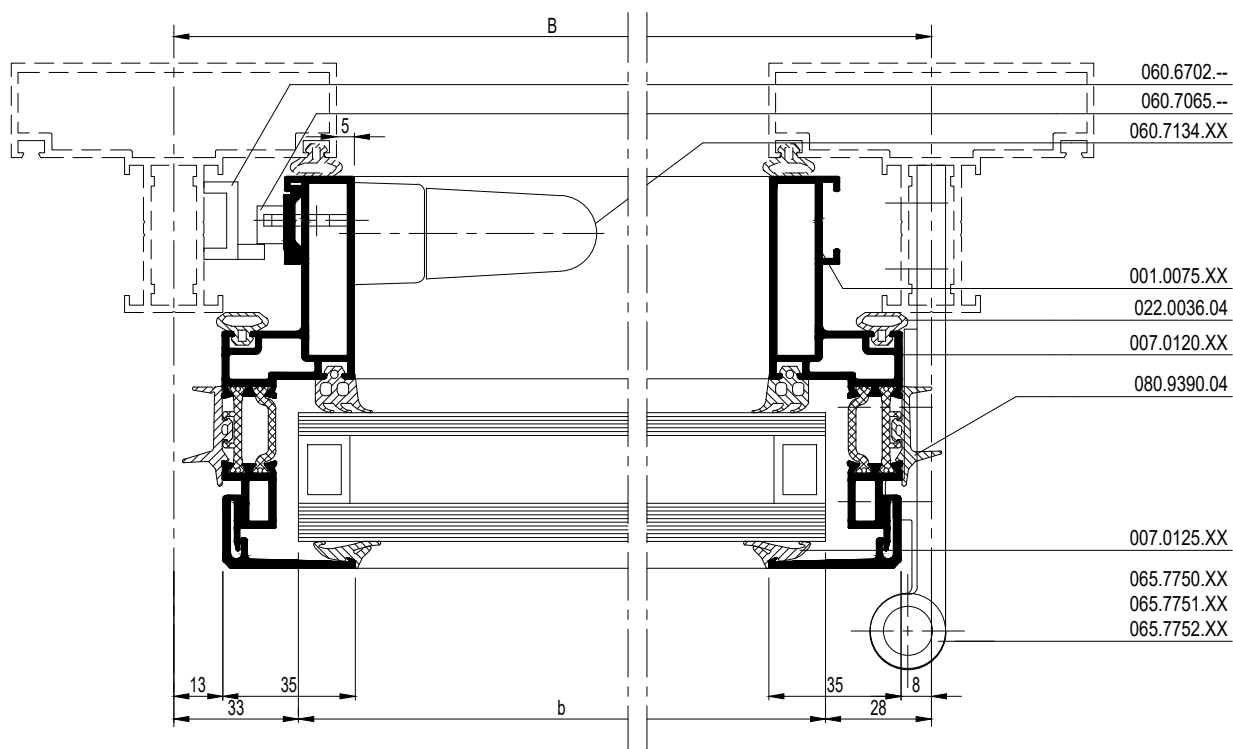
			#	L_m	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A



schaal - échelle
scale - Maßstab
1/2

D0048231

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
065.7750.XX		1	69.G...
065.7751.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7167.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

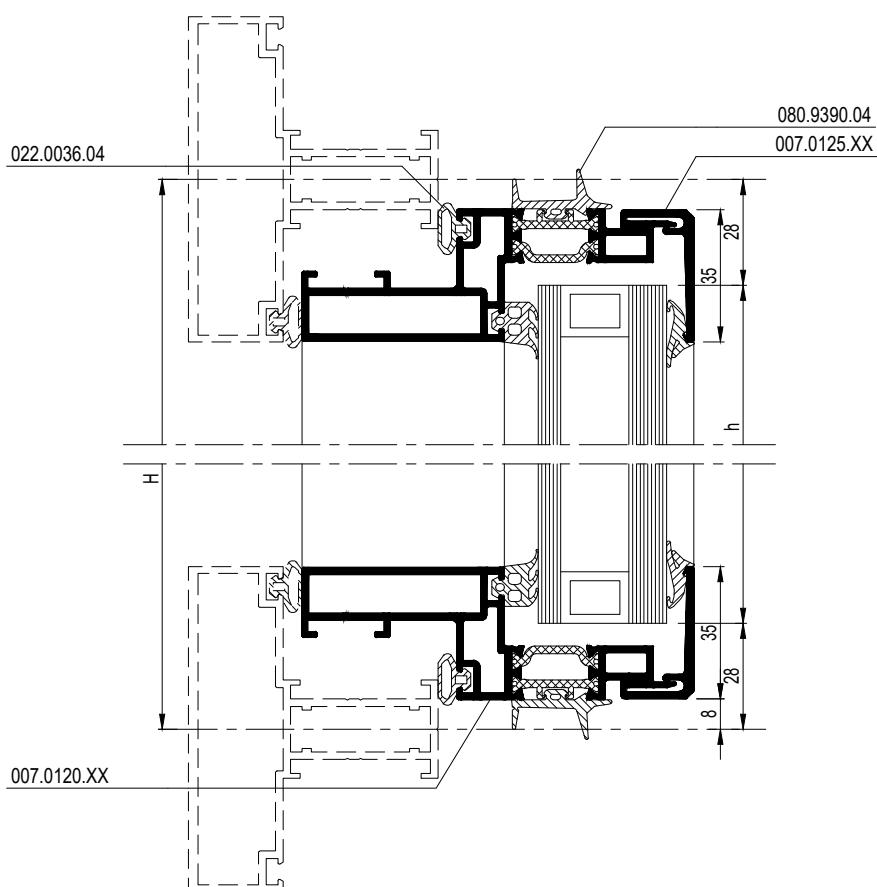
060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

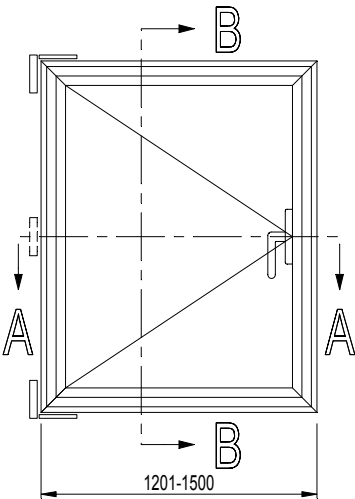
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

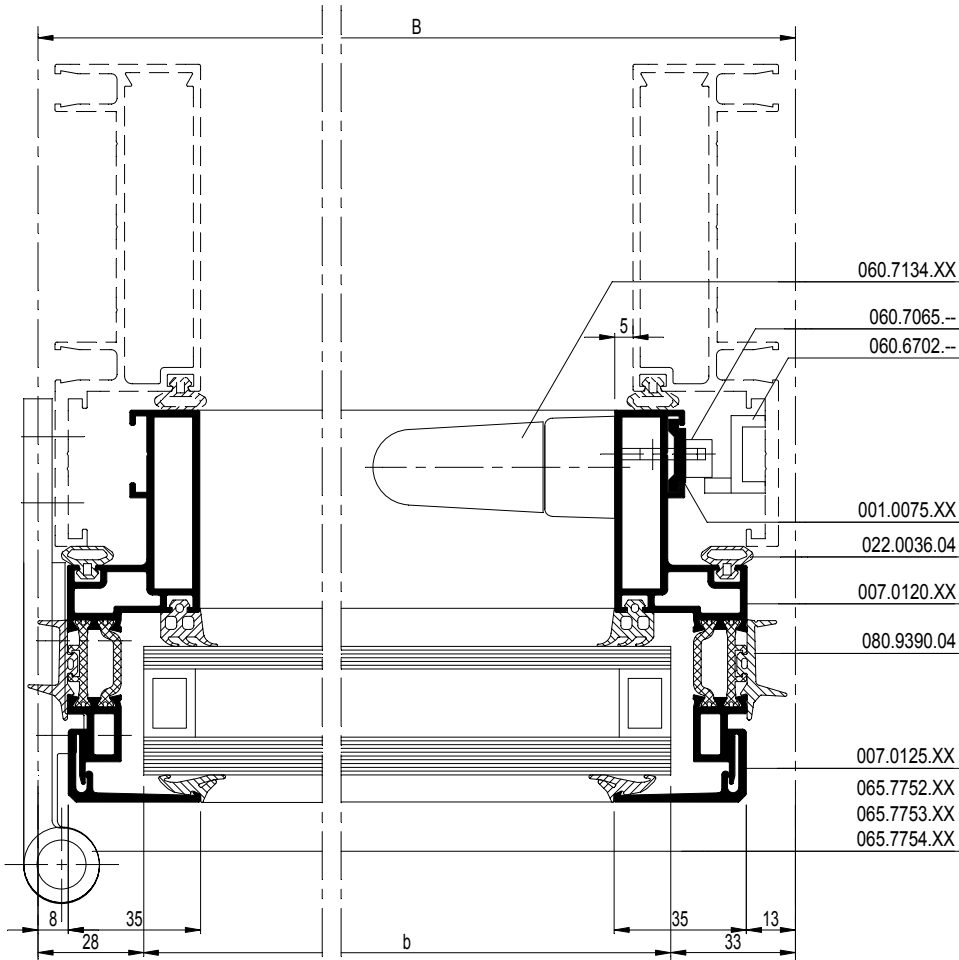
			#		
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			2	69.F...	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0045189

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
050.5161.--		1	69.G...

065.7753.XX		1	69.G...
065.7754.XX		1	69.G...

option

065.7752.XX		1	69.G...
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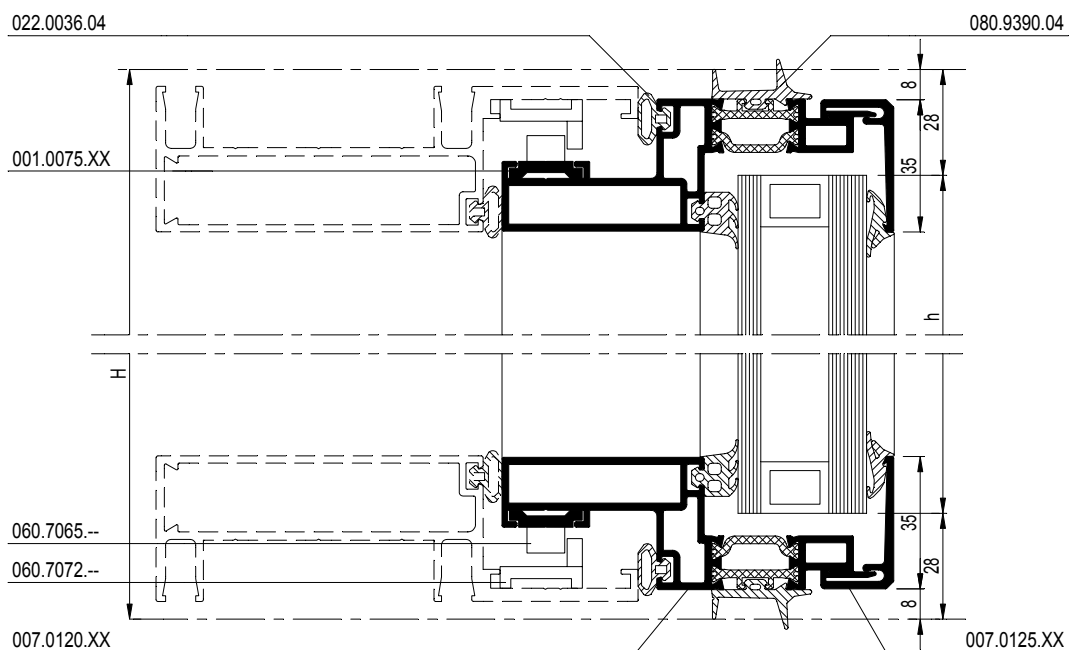
060.7168.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

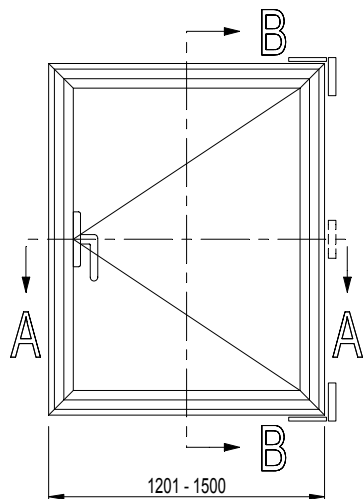
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

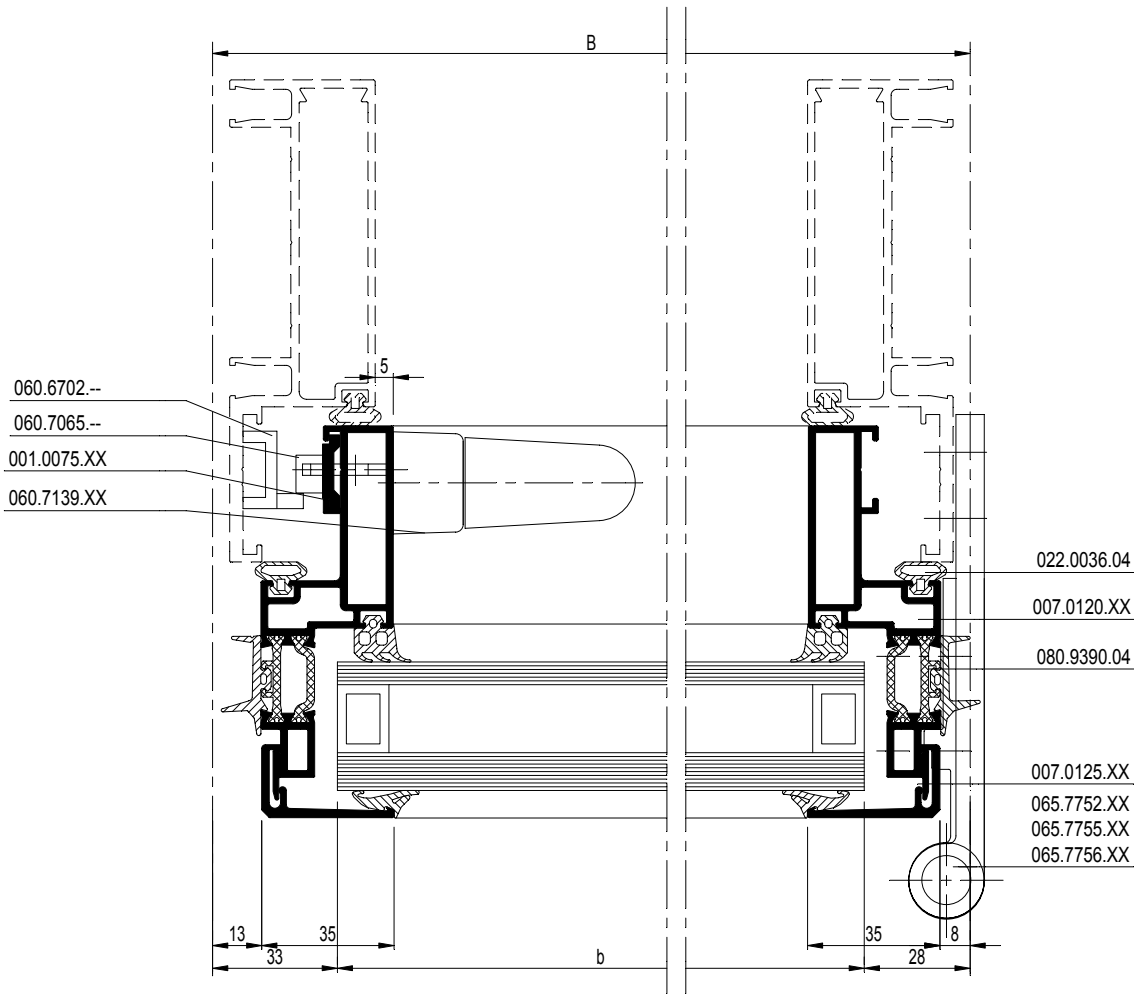
			#	L_m	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			2	69.F...	

	097.0604.00
	097.0633.00
	097.0635.00
	097.L500.00

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A



schaal - échelle
scale - Maßstab
1/2

D0045195

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
050.5161.--		1	69.G...

065.7755.XX		1	69.G...
065.7756.XX		1	69.G...

option

065.7752.XX		1	69.G...
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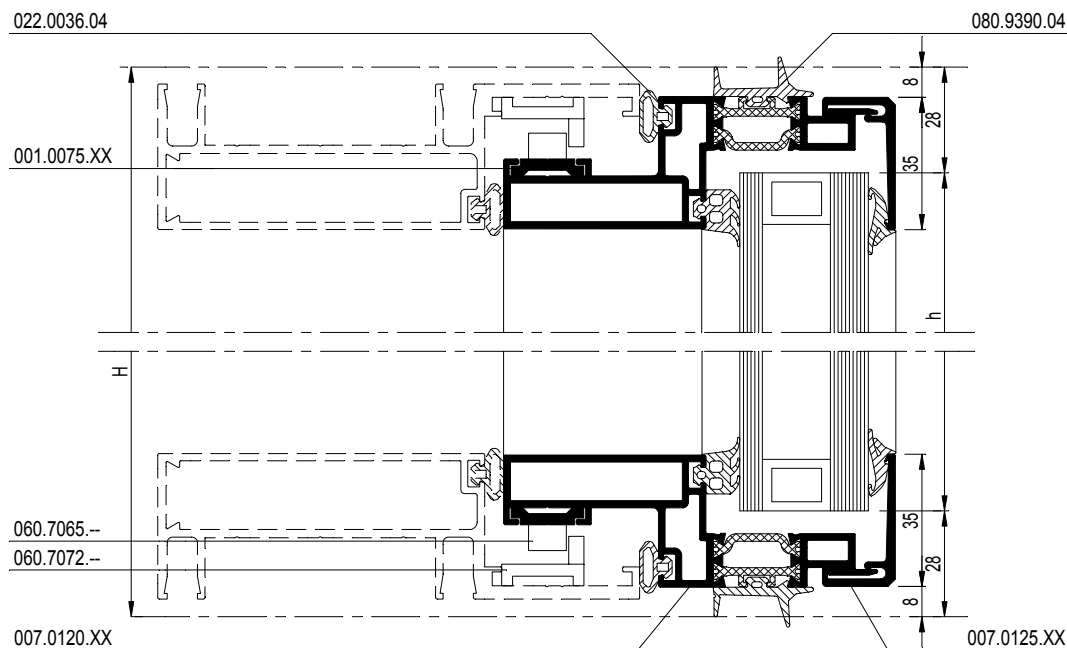
060.7168.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

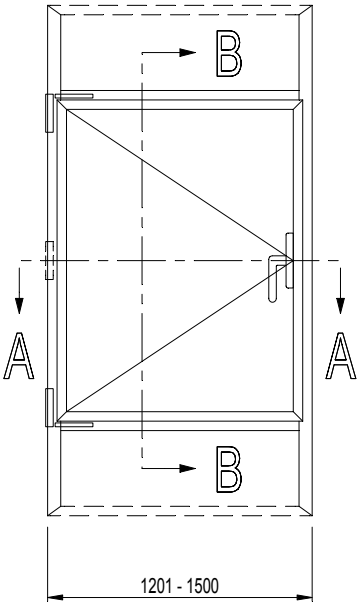
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

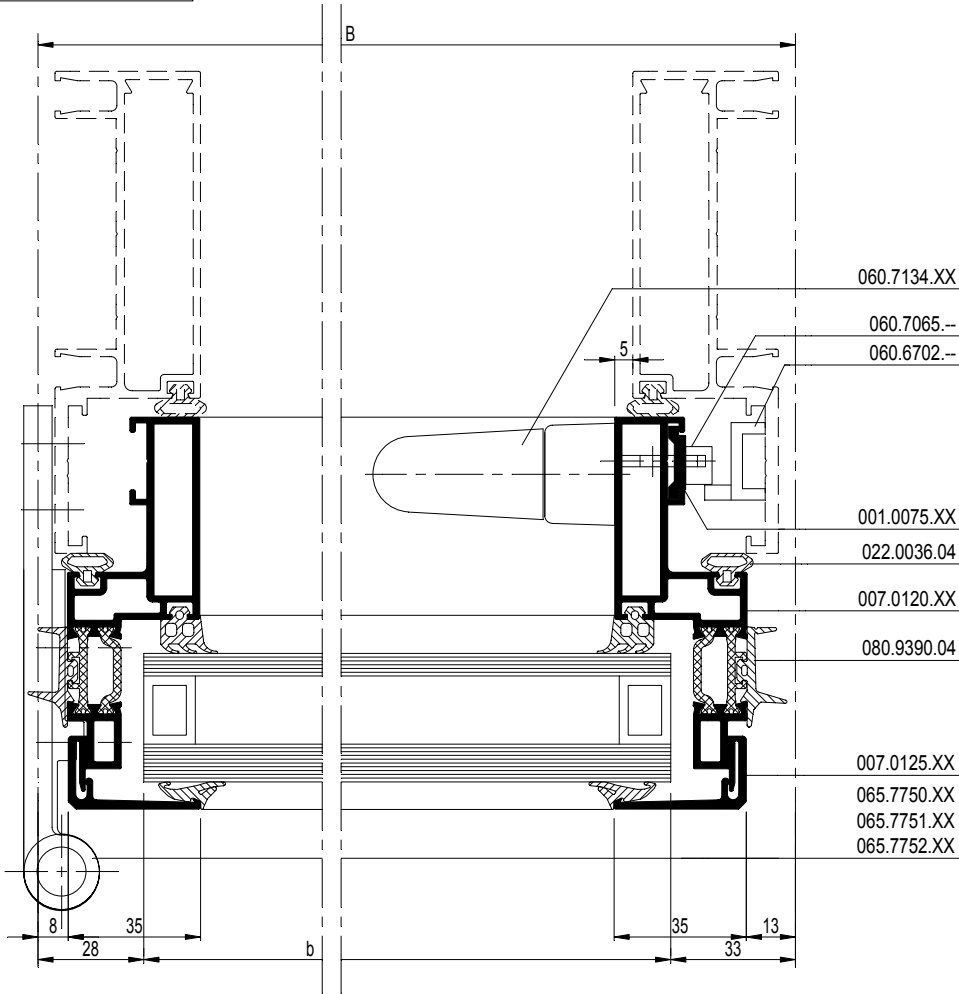
			#	L_m	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			2	69.F...	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00



schaal - échelle
scale - Maßstab
1/2

D0045183

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7072.--		69.F...	69.G...
052.5332.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
052.5331.--		1	69.G...

065.7750.XX		1	69.G...
065.7751.XX		1	69.G...

option

065.7752.XX		1	69.G...
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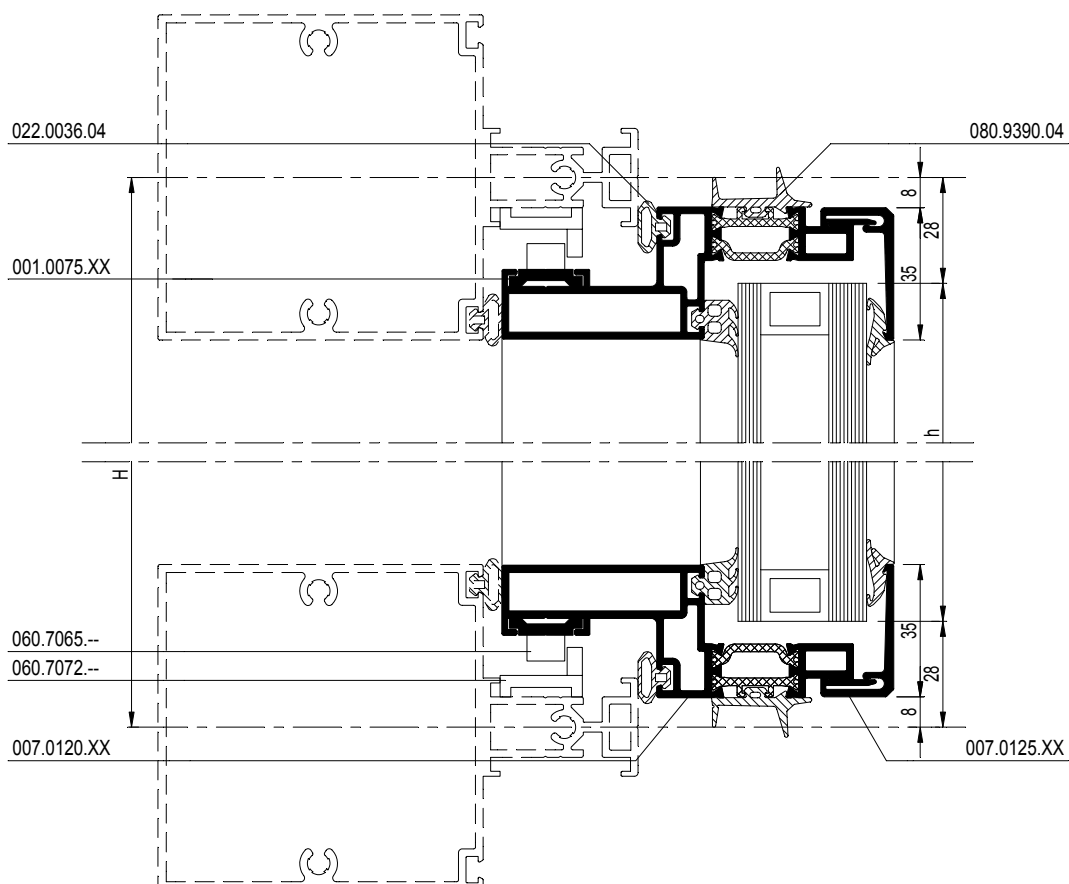
060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

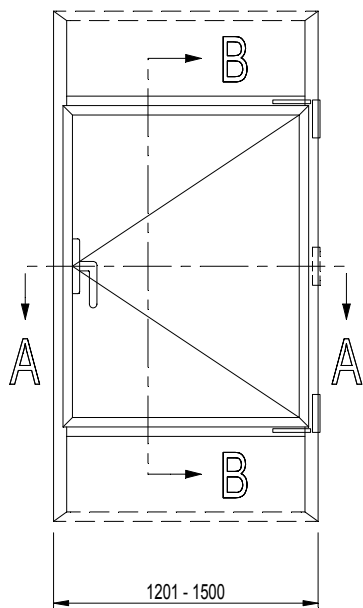
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

			#	L_m	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			2	69.F...	

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

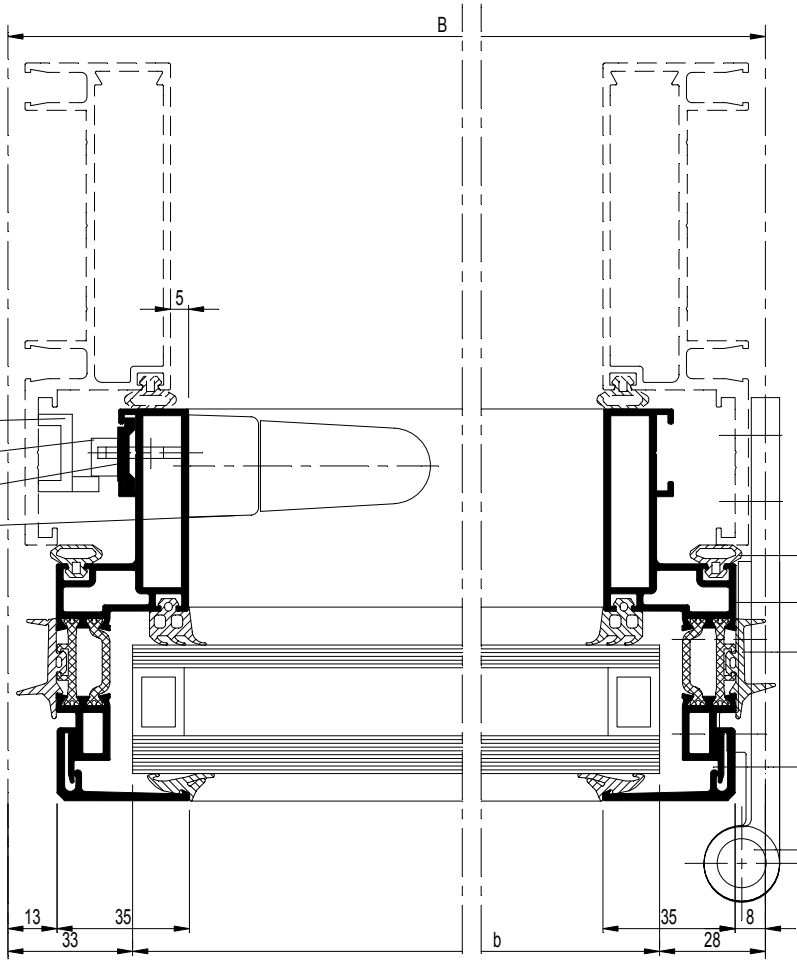
Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

060.6702.--
060.7065.--
001.0075.XX
060.7139.XX

022.0036.04
007.0120.XX
080.9390.04
007.0125.XX
065.7750.XX
065.7751.XX
065.7752.XX



schaal - échelle
scale - Maßstab
1/2

D0048242

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F.--	69.G...
052.5332.--		69.F.--	69.G...
060.6702.--		69.F.--	69.G...
050.5131.--		69.F.--	69.G...
060.7065.--		69.F.--	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
052.5331.--		1	69.G...

065.7750.XX		1	69.G...
065.7751.XX		1	69.G...

option

065.7752.XX		1	69.G...
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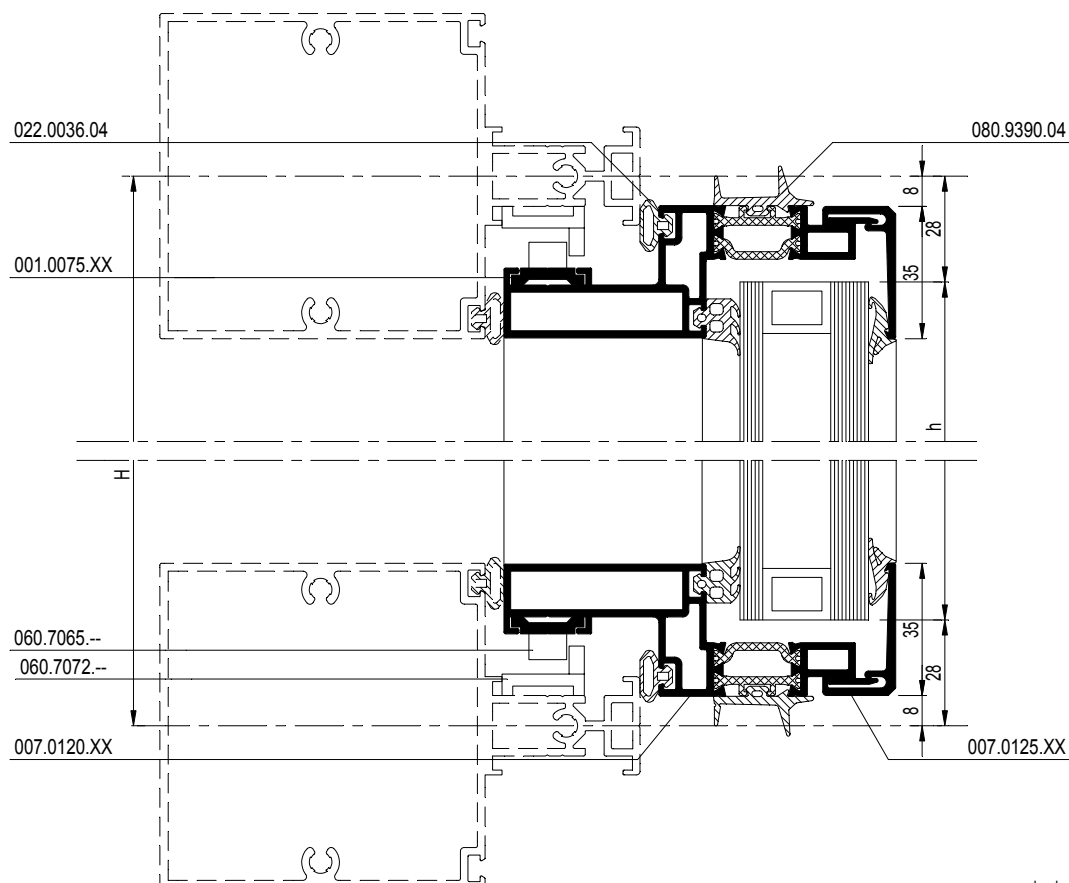
060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

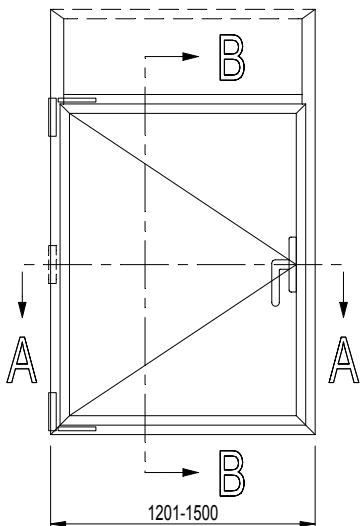
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

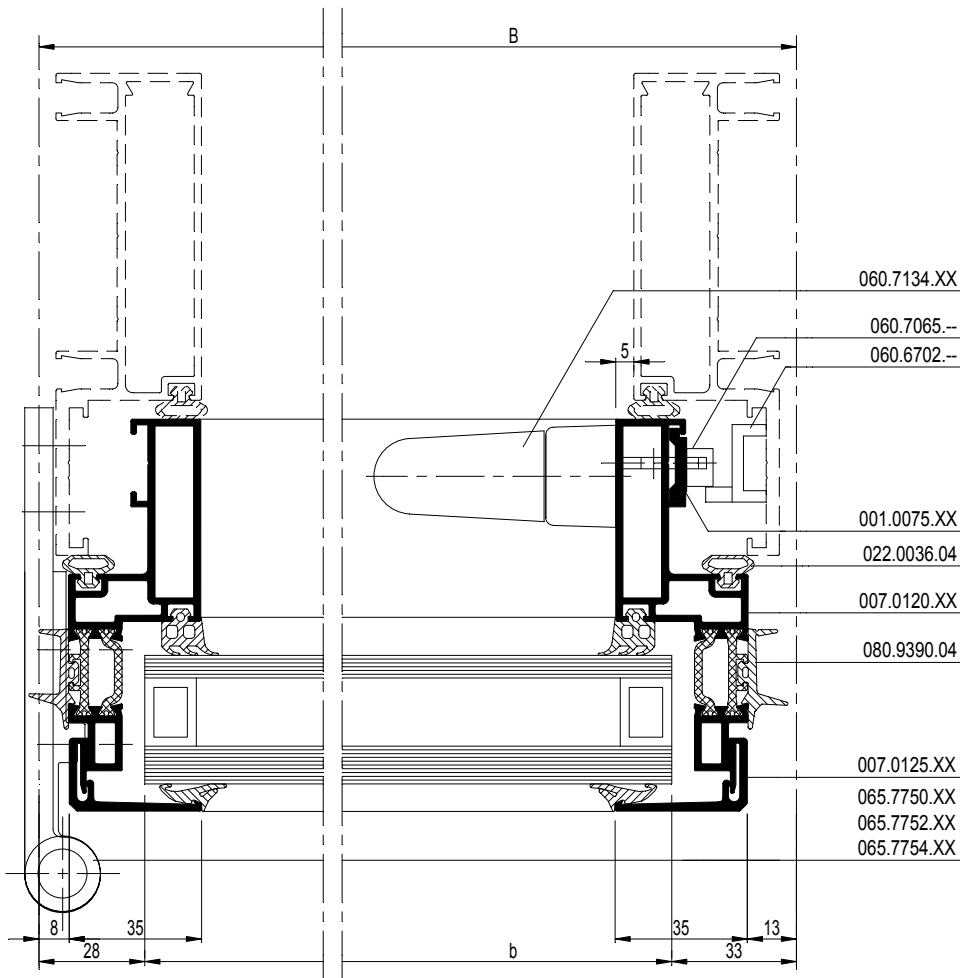
			#		
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			2	69.F...	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048243

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7072.--		69.F.106	69.G...
050.5130.--		69.F.106	69.G...
060.6702.--		69.F.107	69.G...
050.5131.--		69.F.107	69.G...
052.5331.--		69.F.107	69.G...
060.7065.--		69.F.106	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
050.5161.--		1	69.G...

065.7750.XX		1	69.G...
065.7754.XX		1	69.G...

option

065.7752.XX		1	69.G...
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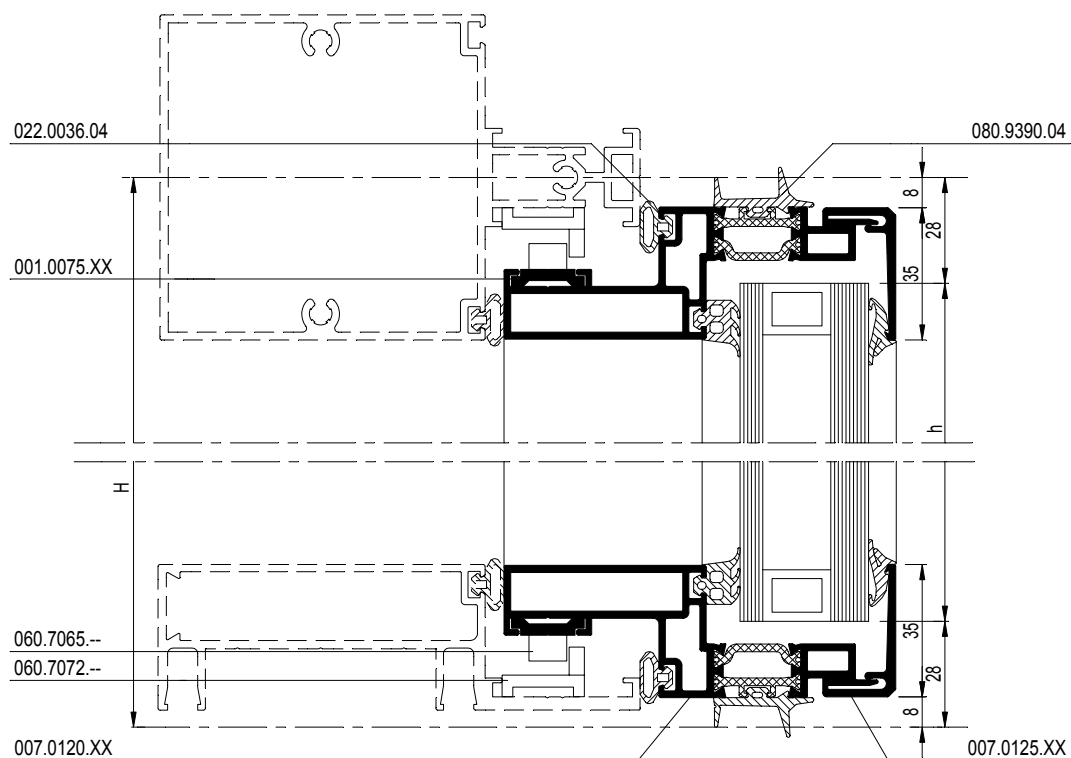
060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		11	69.G...
057.5713.--		3	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

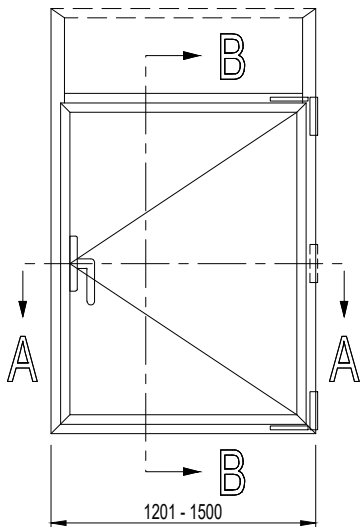
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

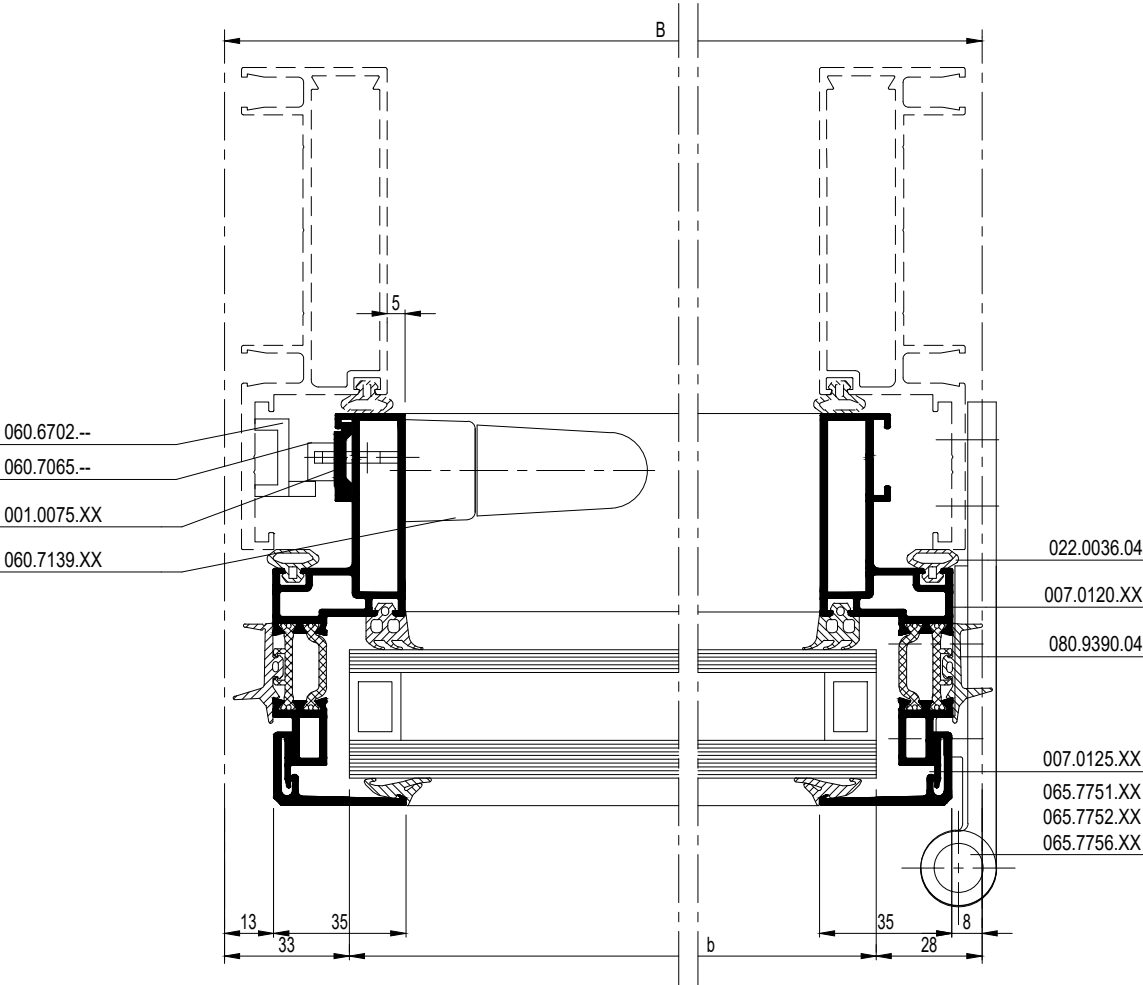
			#	$\leftarrow L_m \rightarrow$	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			2	69.F...	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048244

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
050.5161.--		1	69.G...

065.7751.XX		1	69.G...
065.7756.XX		1	69.G...

option

065.7752.XX		1	69.G...
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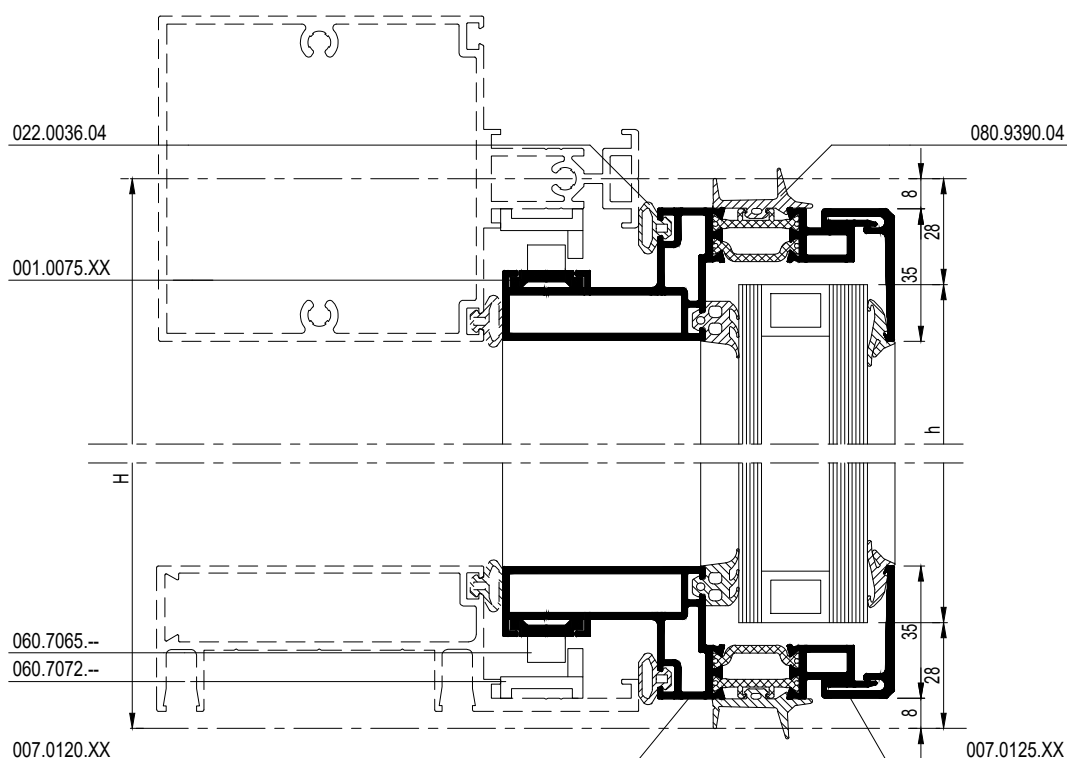
060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		11	69.G...
057.5713.--		3	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

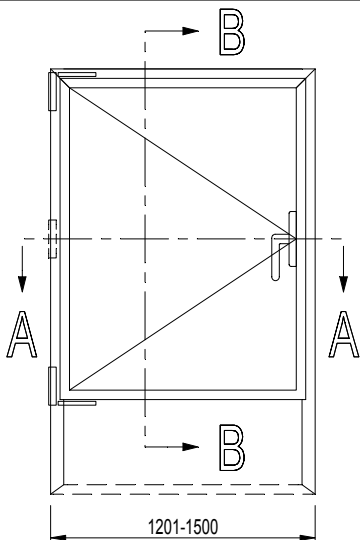
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

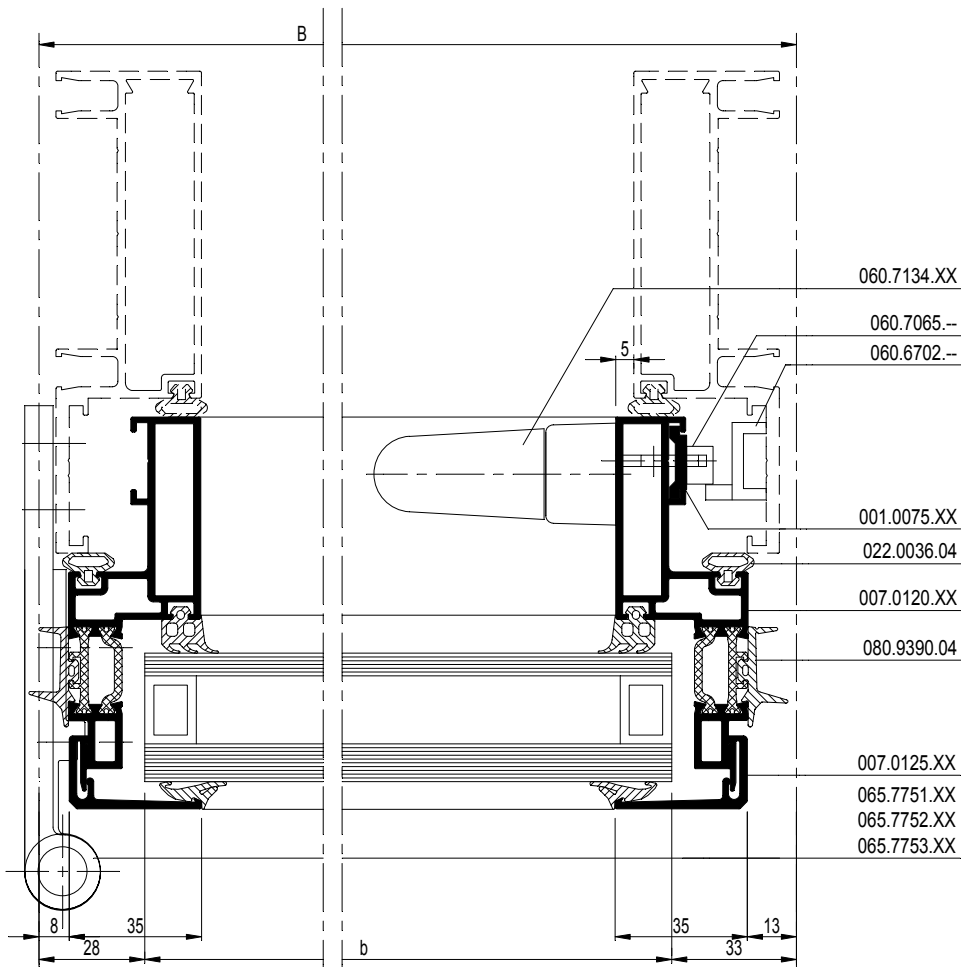
			#		
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			2	69.F...	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00



schaal - échelle
scale - Maßstab
1/2

D0048245

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
052.5331.--		1	69.G...

065.7751.XX		1	69.G...
065.7753.XX		1	69.G...

option

065.7752.XX		1	69.G...
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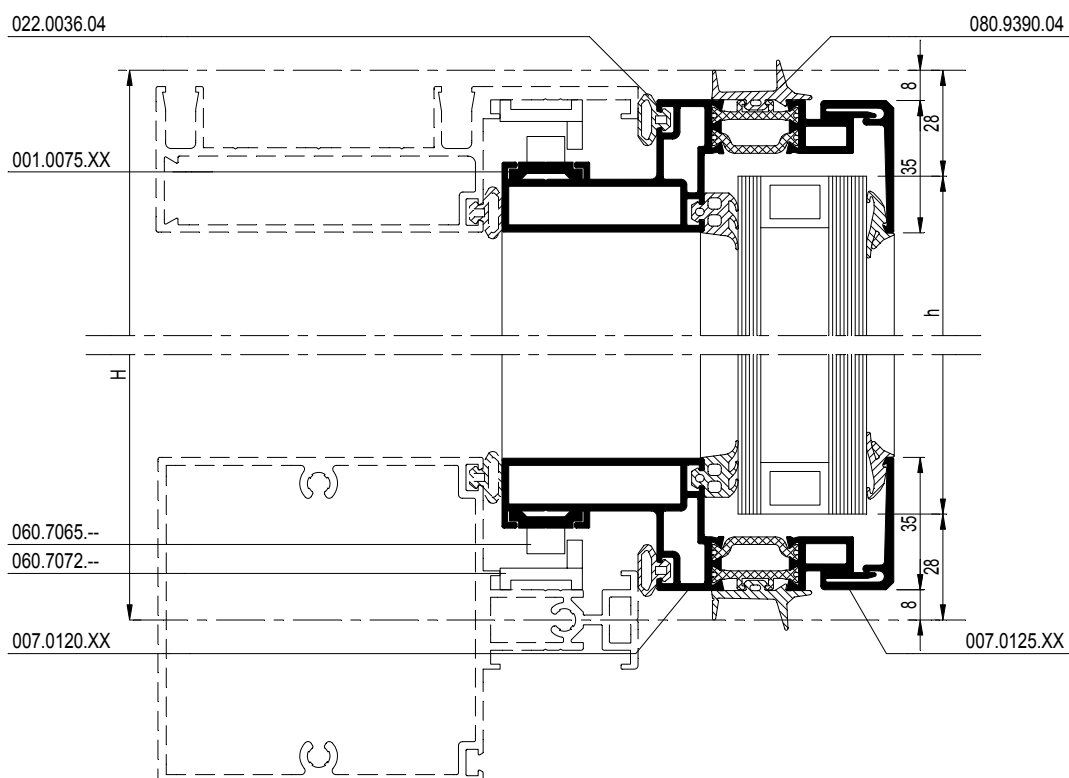
060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		11	69.G...
057.5713.--		3	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

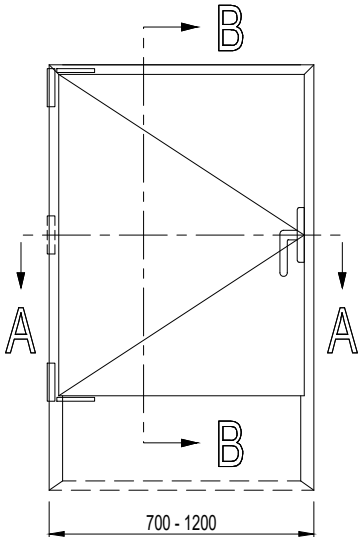
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

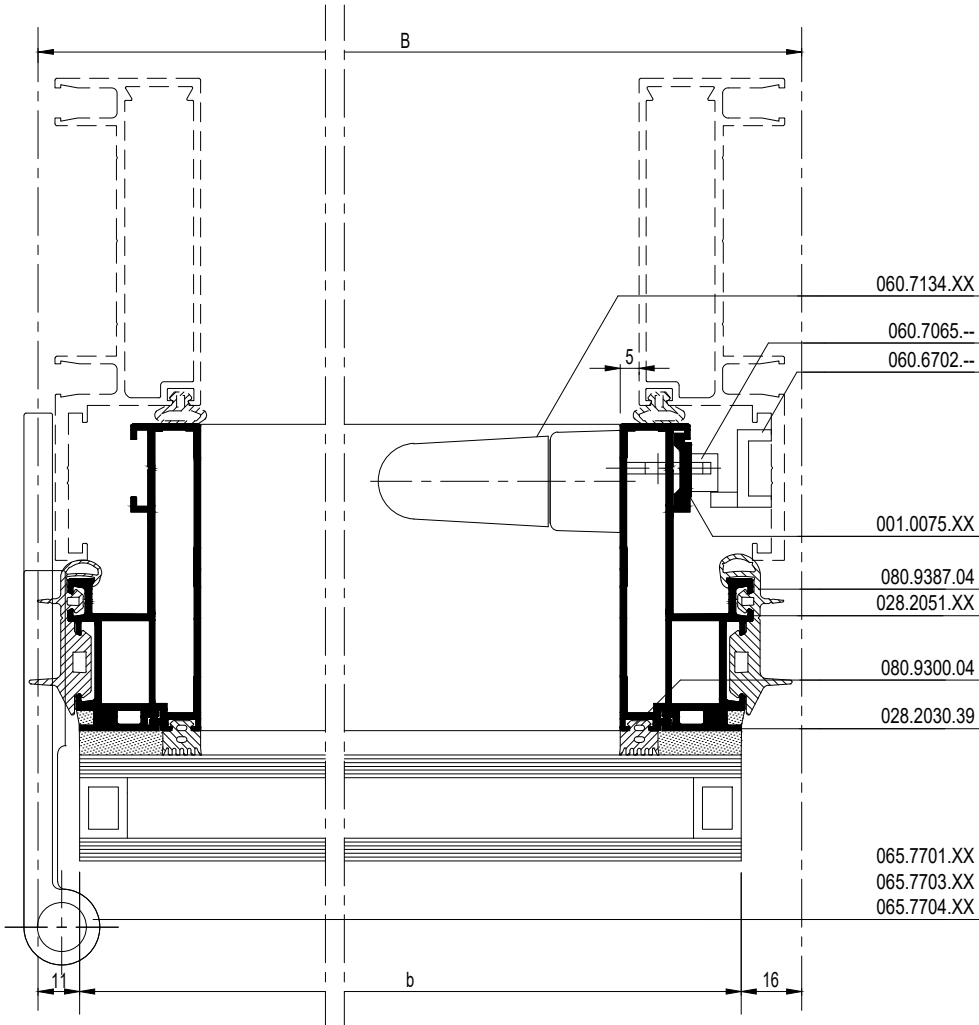
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen		69.F...
Fabrication et montage		
Assembly drawings		
Montagezeichnungen		

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D0048337

		#	
068.6407.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...
065.7701.XX		1	69.G...
065.7704.XX		1	69.G...
option			
065.7703.XX		1	69.G...

of/ou/or/oder

of/ou/or/oder

060.7167.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

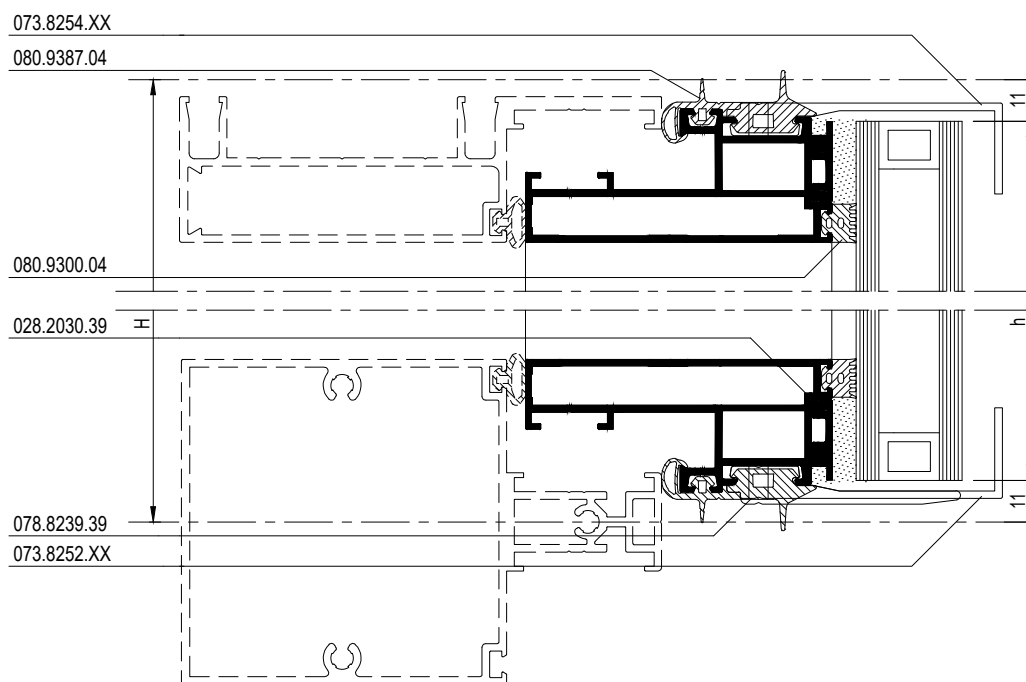
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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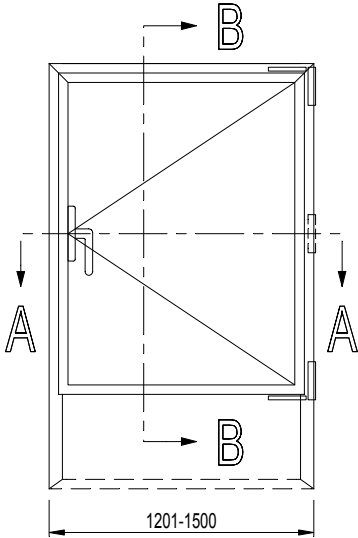
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

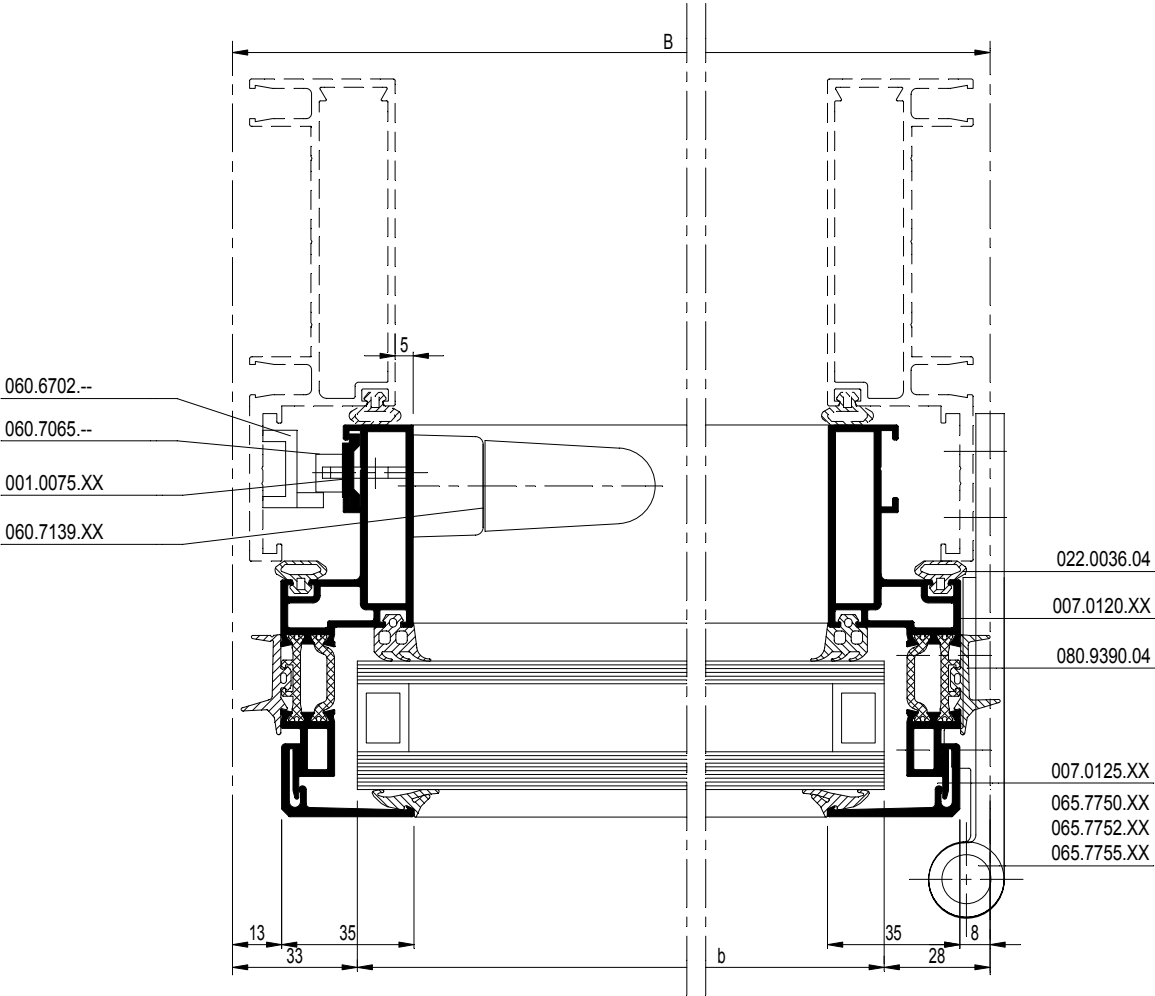
			#		
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			2	69.F...	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048246

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
052.5331.--		1	69.G...

065.7750.XX		1	69.G...
065.7755.XX		1	69.G...

option

065.7752.XX		1	69.G...
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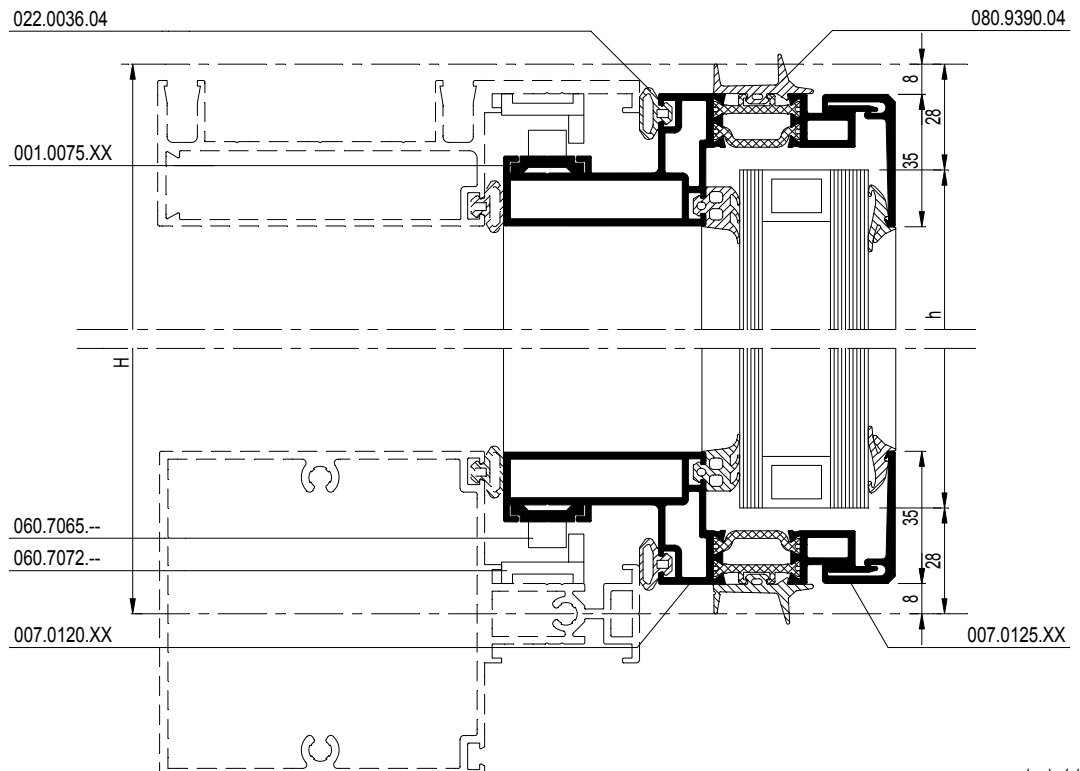
060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		11	69.G...
057.5713.--		3	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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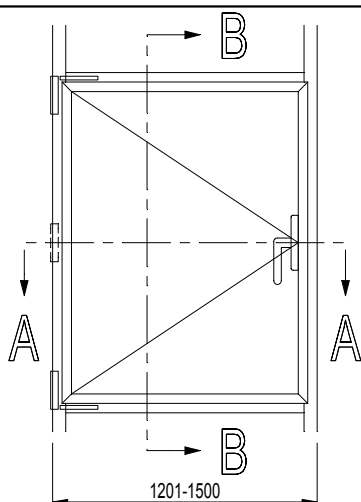
B - B



schaal - échelle
scale - Maßstab
1/2

E

D0048246



b = B - 61
h = H - 56

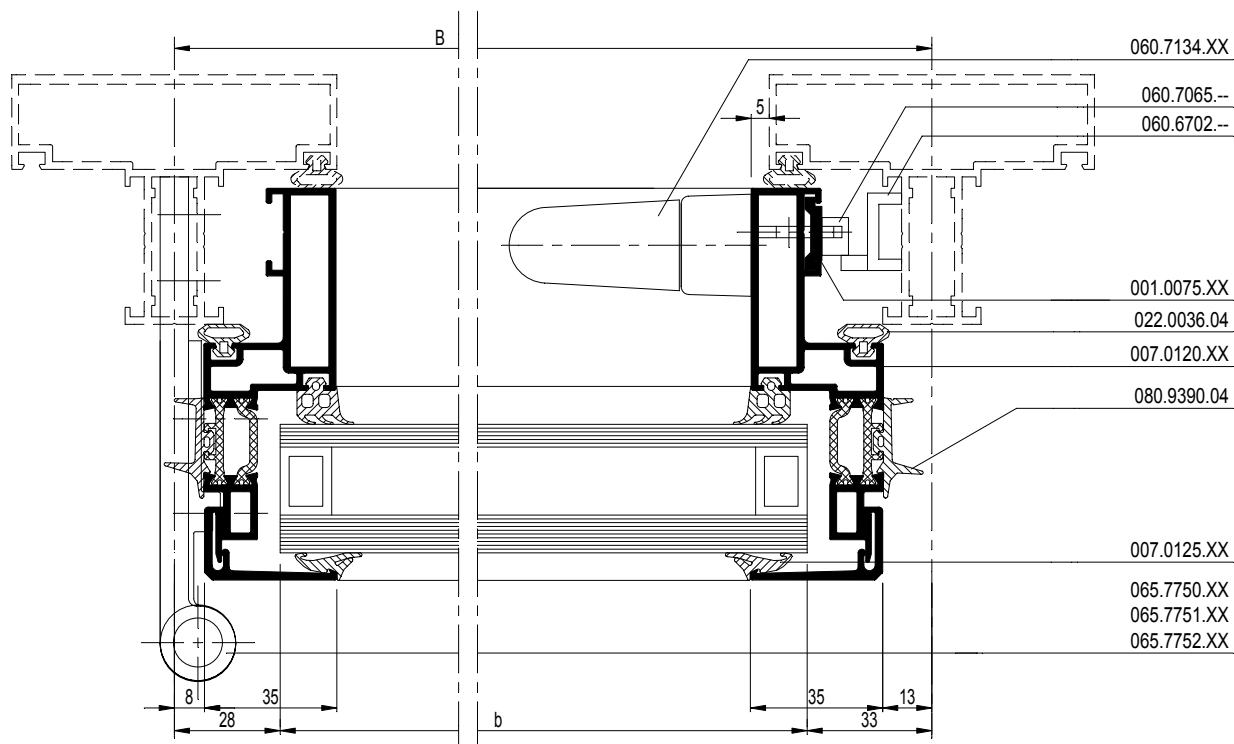
			#	L_m	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			2	69.F...	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0045177

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
052.5332.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
052.5331.--		1	69.G...

065.7750.XX		1	69.G...
065.7751.XX		1	69.G...

option

065.7752.XX		1	69.G...
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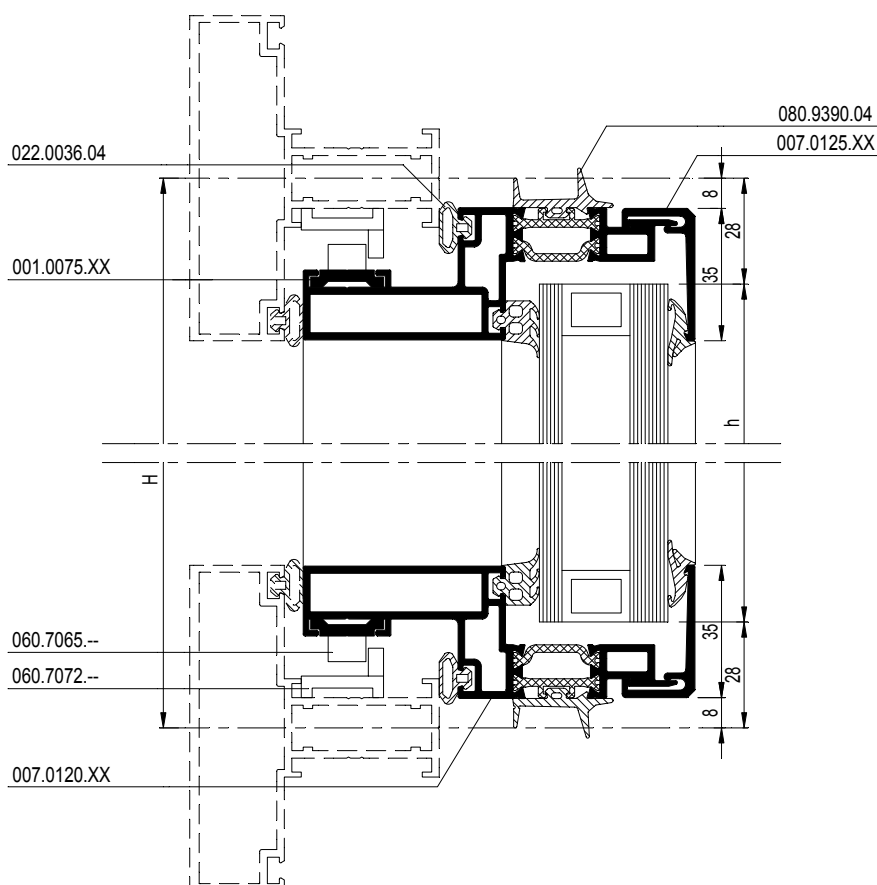
060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...
057.5713.--		6	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

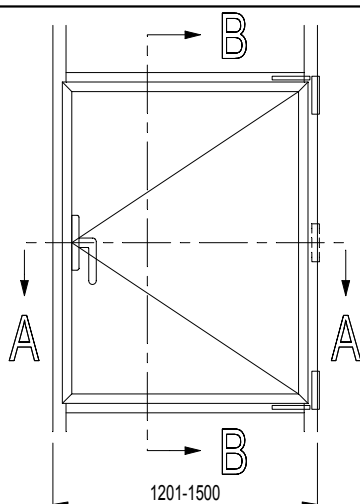
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

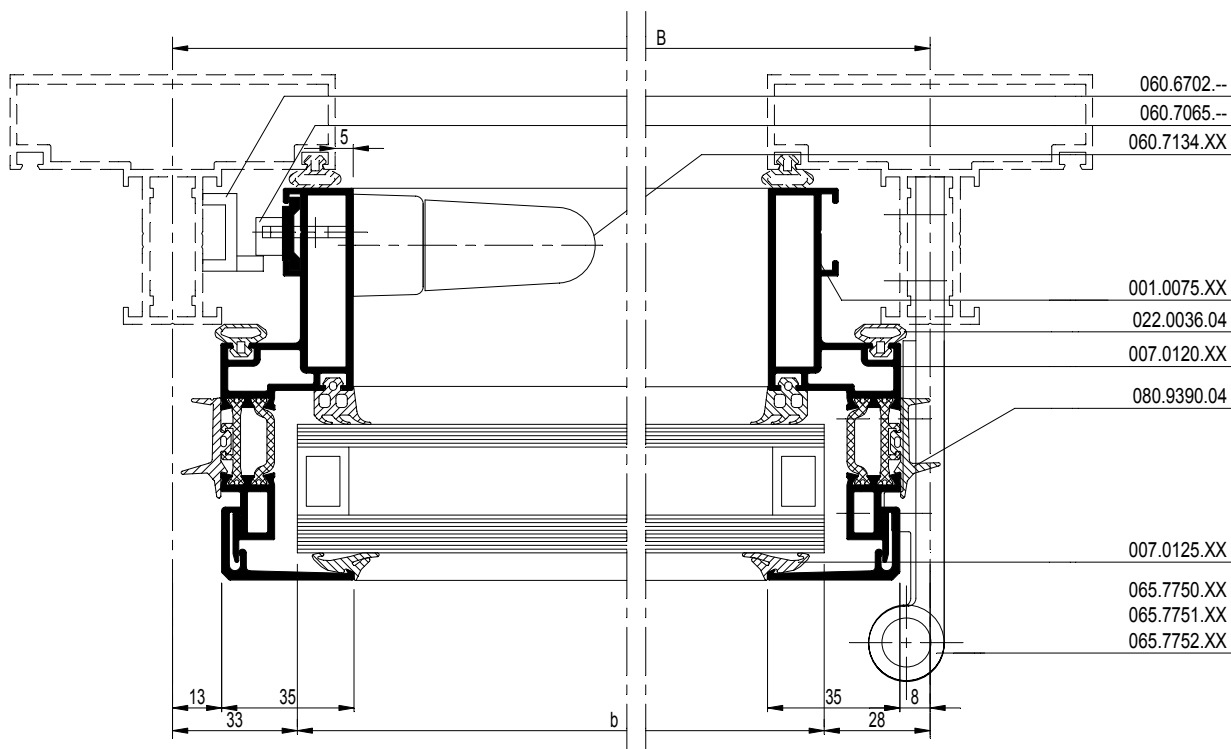
			#	L_m	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
001.0075.XX			2	69.F...	69.C...
			2	69.F...	

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A



schaal - échelle
scale - Maßstab
1/2

D0048247

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
052.5332.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
052.5331.--		1	69.G...

065.7750.XX		1	69.G...
065.7751.XX		1	69.G...

option

065.7752.XX		1	69.G...
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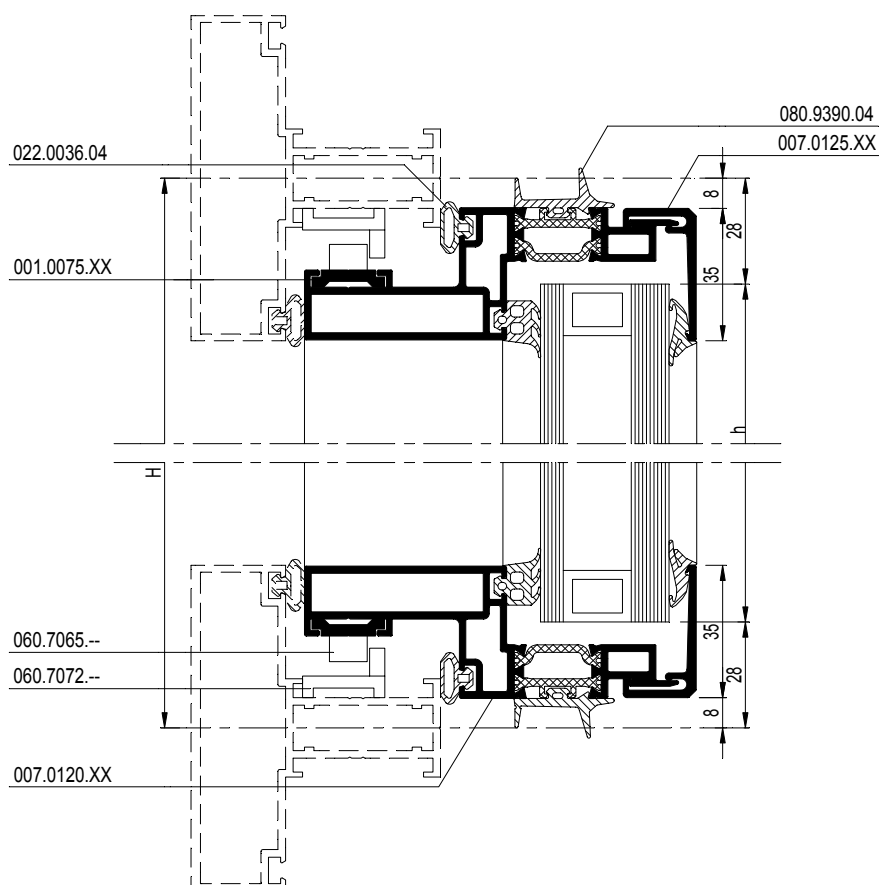
060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...
057.5713.--		6	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

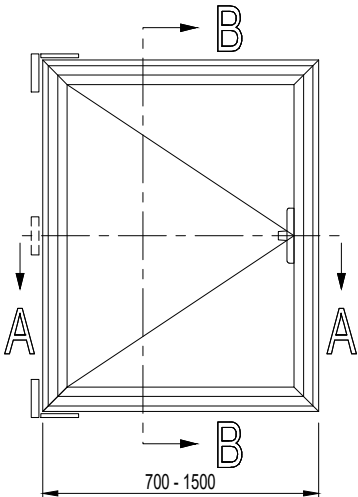
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

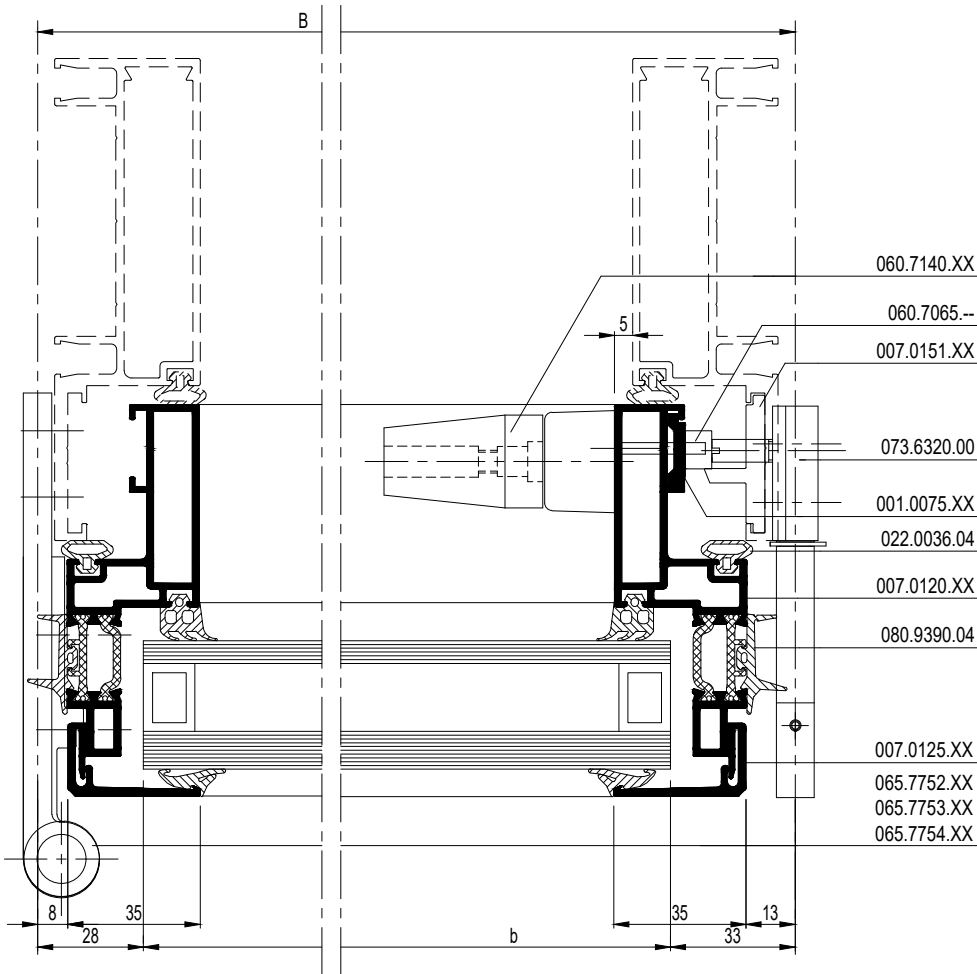
			#	Lm	
007.0120.XX			2	B - 21	69.C...
007.0125.XX			2	H - 16	69.C...
007.0151.XX			2	B - 21	69.C...
001.0075.XX			1	69.F...	69.C...

Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D00045190

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7140.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
065.7753.XX		1	69.G...
065.7754.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7165.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

of/ou/or/oder

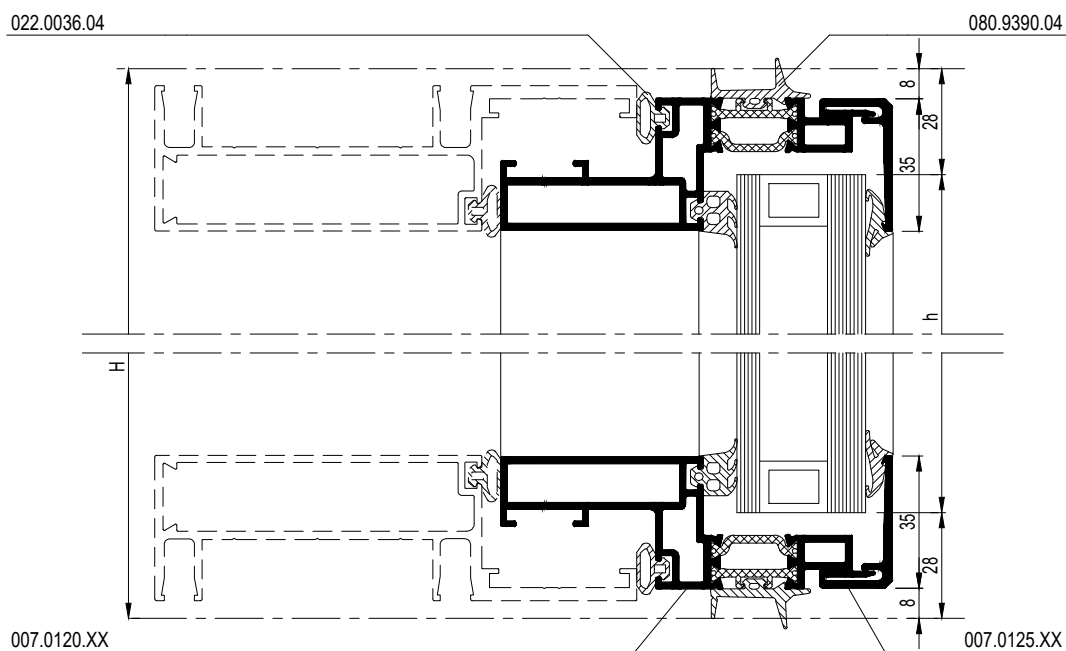
060.7166.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

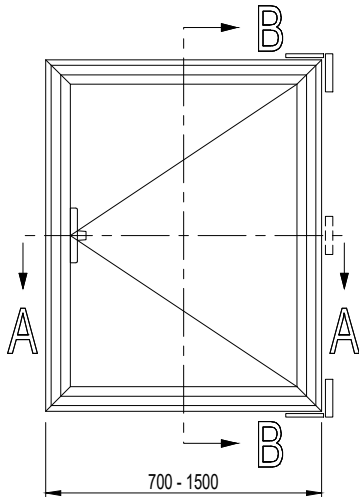
080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B





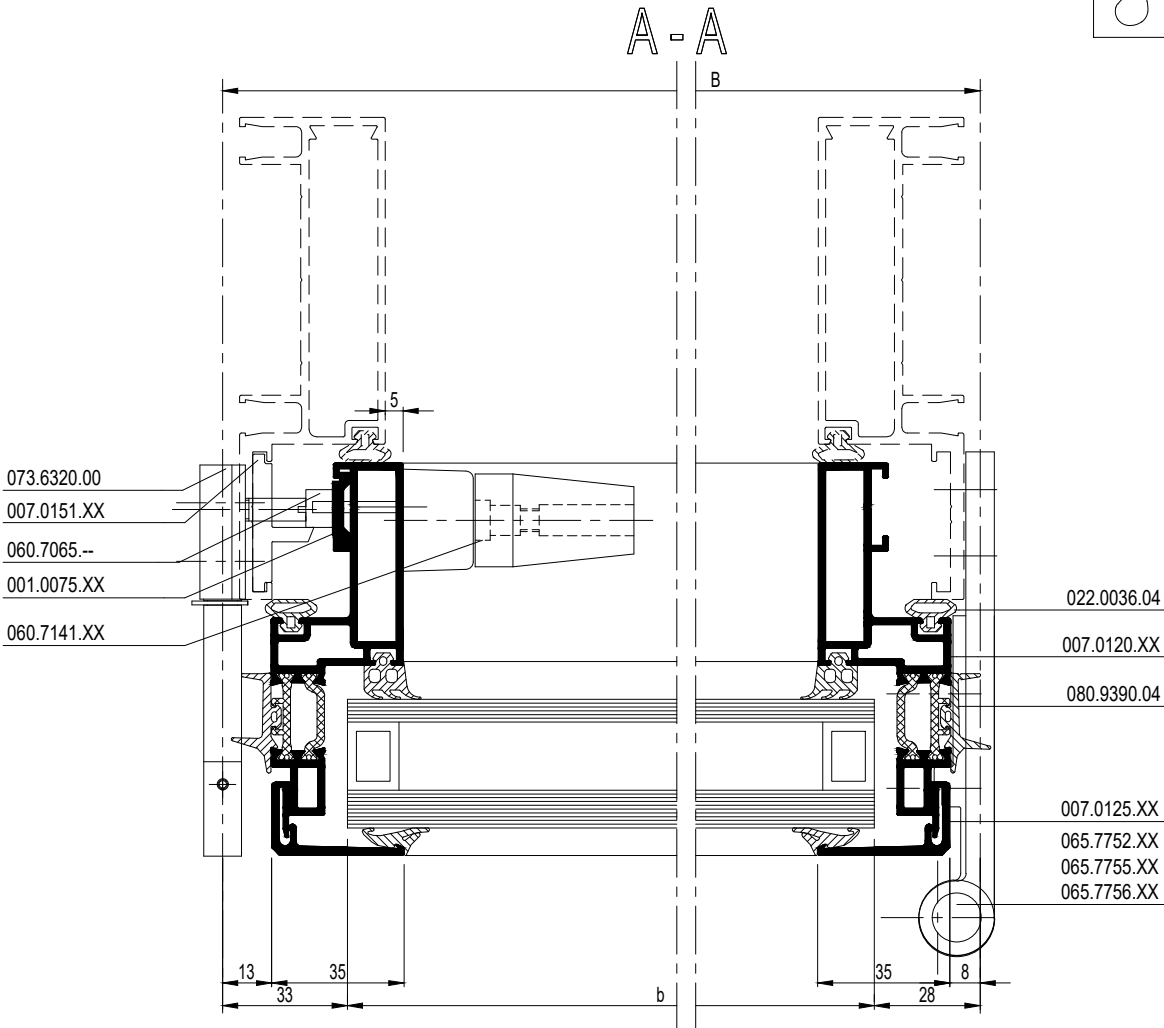
b = B - 61
h = H - 56

			#	Lm	
007.0120.XX			2	B - 21	69.C...
007.0125.XX			2	H-16	69.C...
007.0151.XX			2	B - 21	69.C...
001.0075.XX			1	H-16	69.C...
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0635.00
	097.L500.00



schaal - échelle
scale - Maßstab
1/2

D00045196

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7141.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
065.7755.XX		1	69.G...
065.7756.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7165.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

of/ou/or/oder

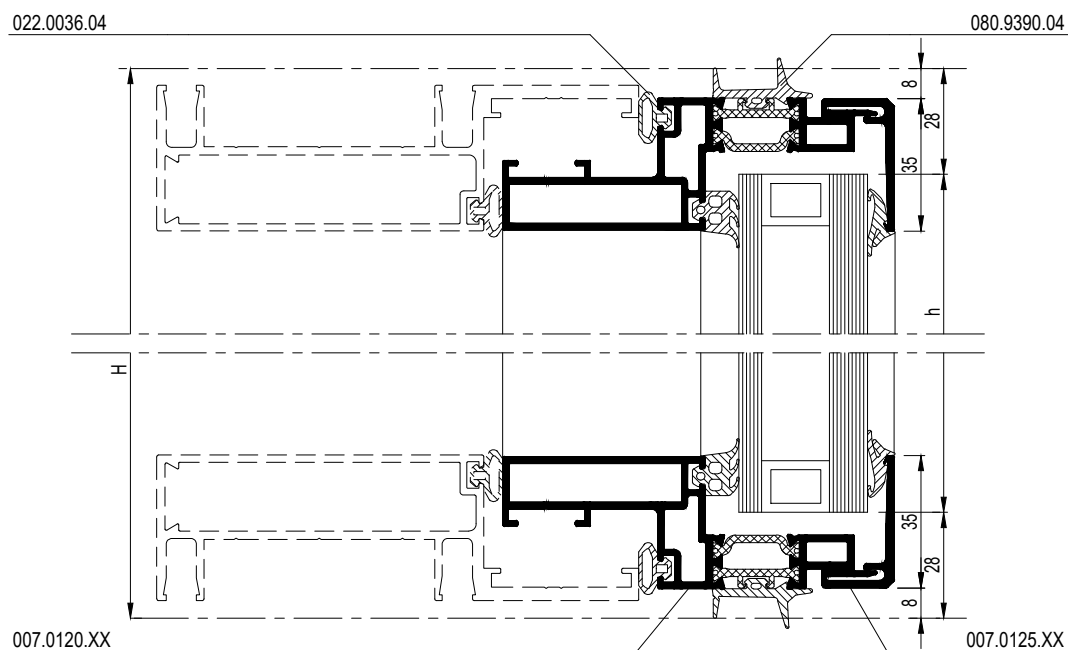
060.7166.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

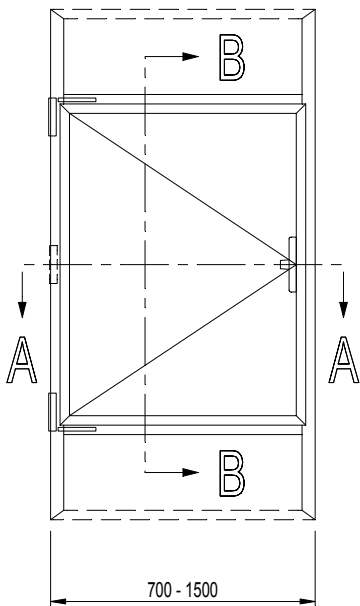
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

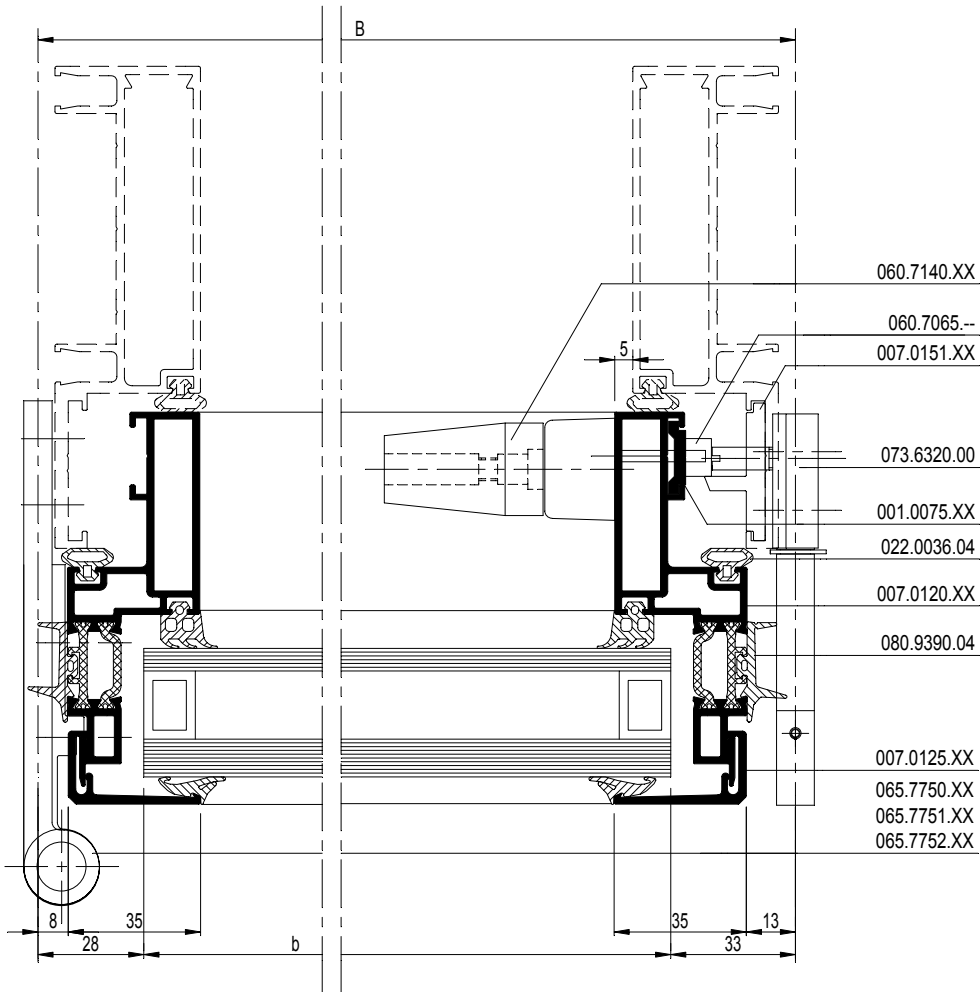
			#		
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
007.0151.XX			1	69.F...	69.C...
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00



schaal - échelle
scale - Maßstab
1/2

D0045184

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7140.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
065.7750.XX		1	69.G...
065.7751.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		6	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

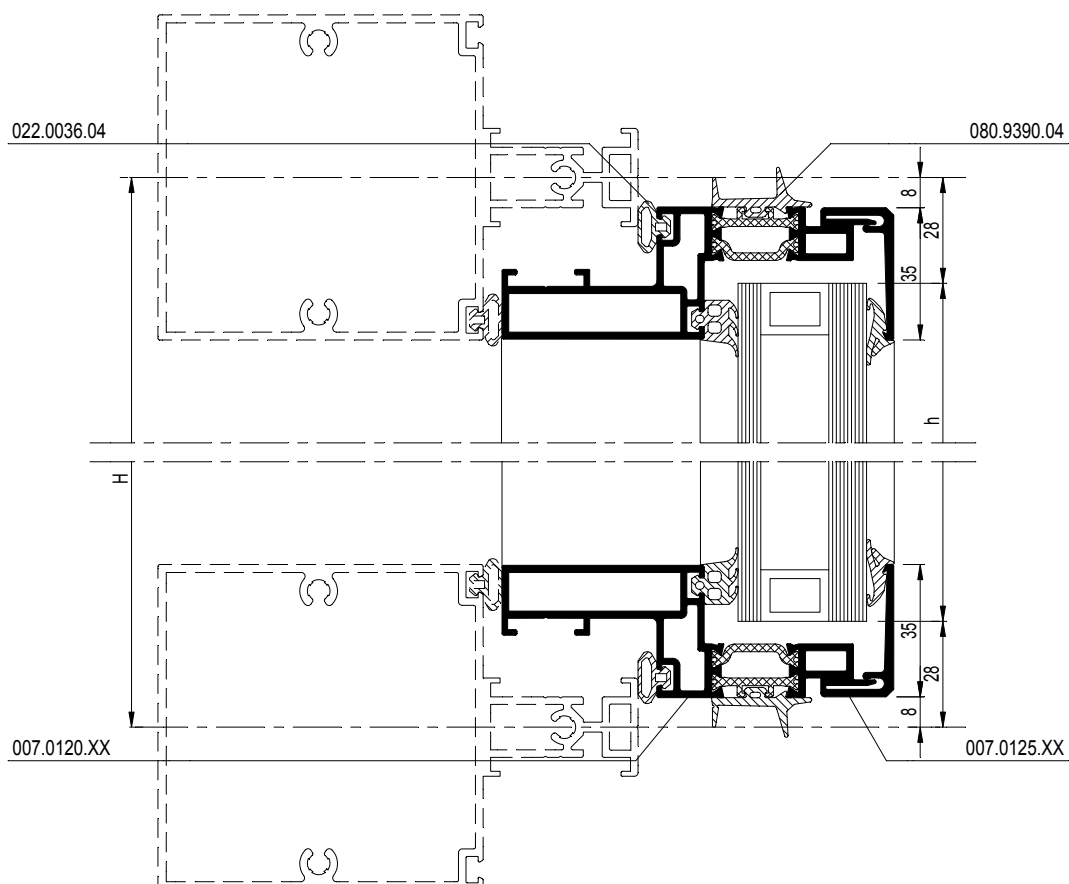
060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		6	69.G...
050.5130.--		10	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

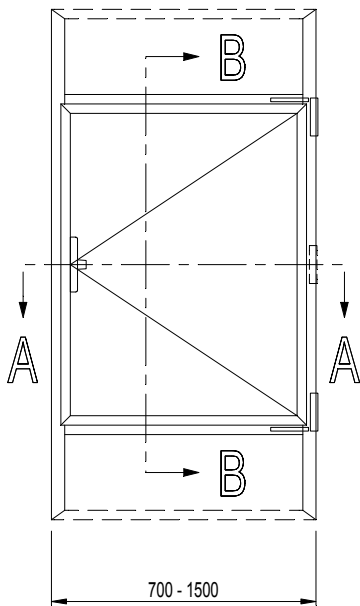
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

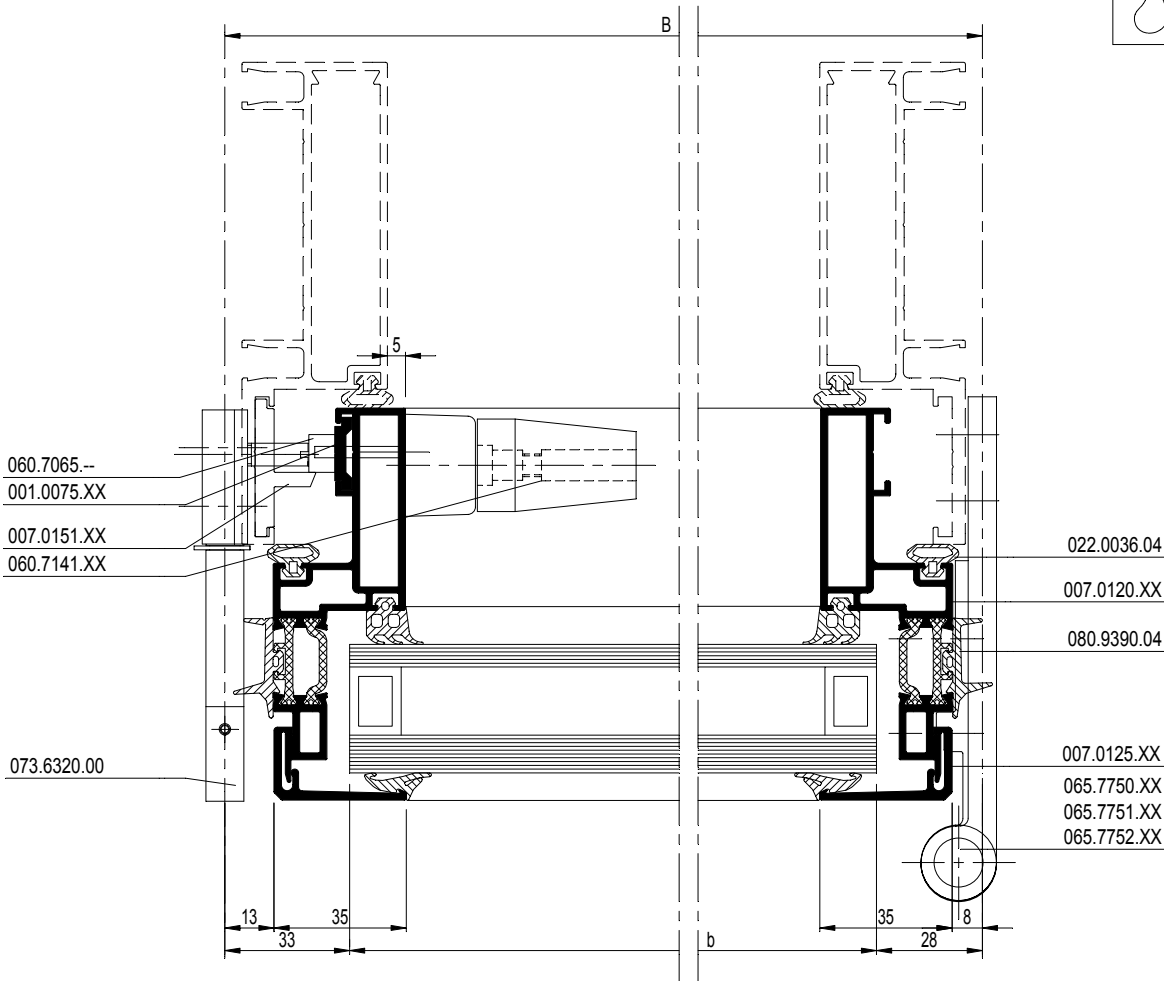
			#		
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
007.0151.XX			1	69.F...	69.C...
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00



schaal - échelle
scale - Maßstab
1/2

D0048248

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7141.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
065.7750.XX		1	69.G...
065.7751.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		6	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

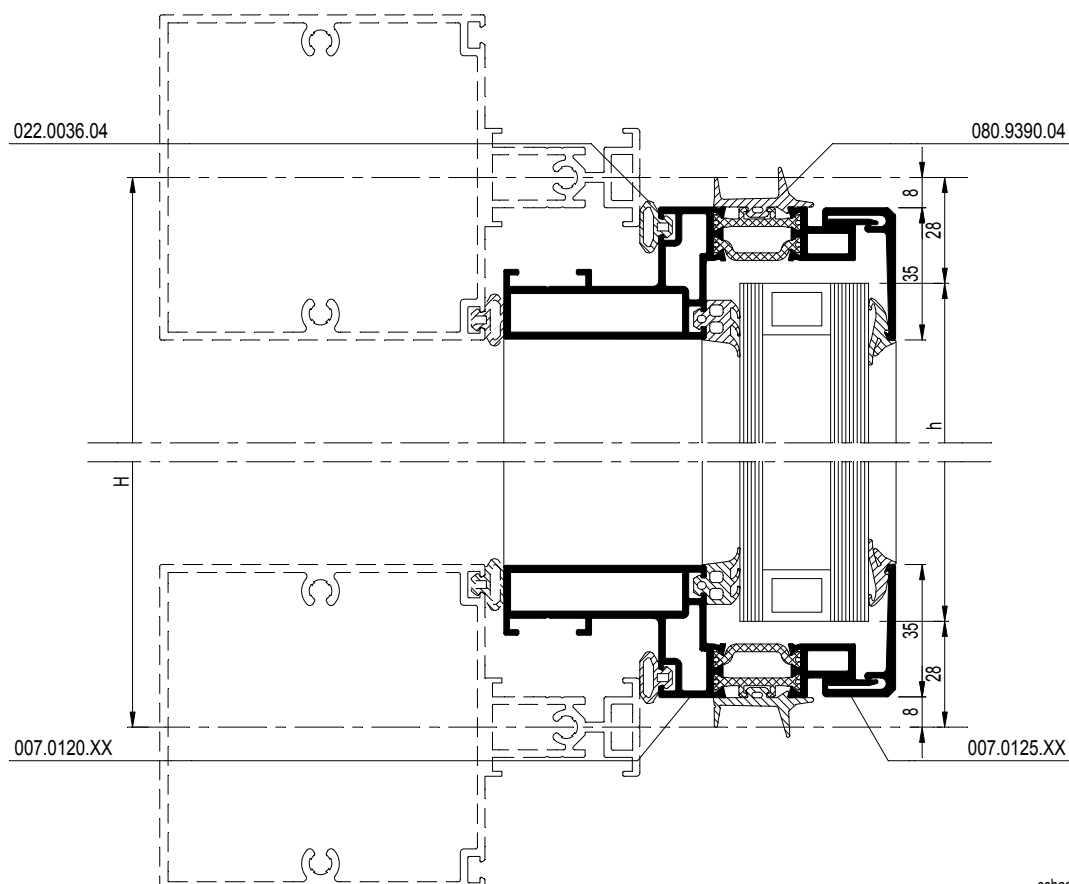
060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		6	69.G...
050.5130.--		10	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
022.0040.04		(2xB)+(2xH)	69.G...

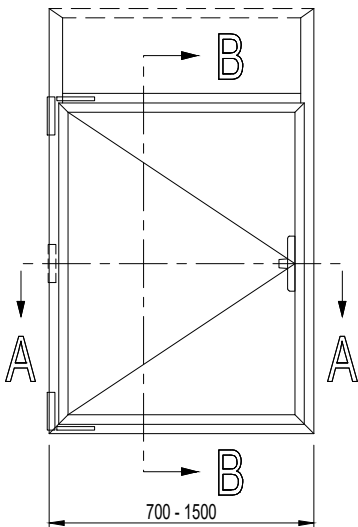
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

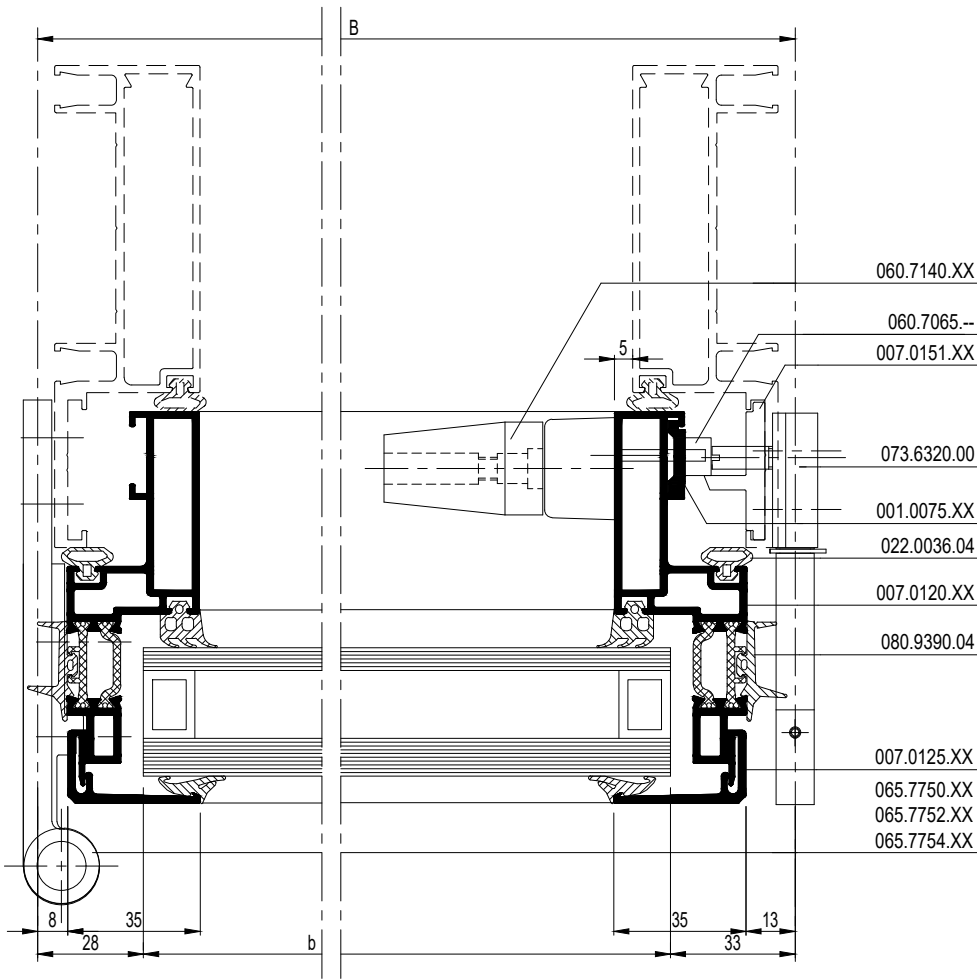
			#	Lm	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
007.0151.XX			1	69.F...	69.C...
001.0075.XX			2	69.F...	69.C...

Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00



schaal - échelle
scale - Maßstab
1/2

D0048249

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7140.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
065.7750.XX		1	69.G...
065.7754.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

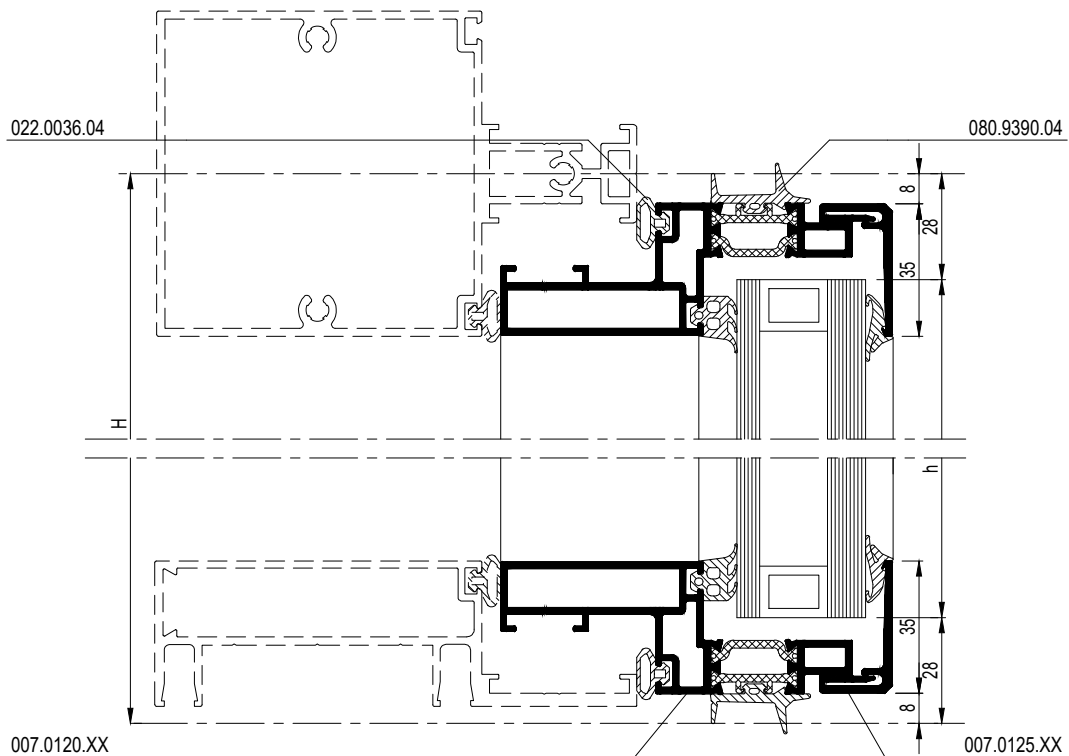
060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

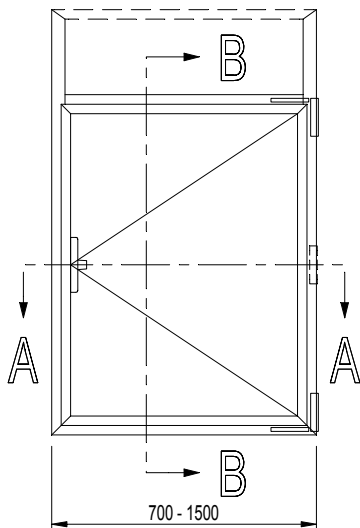
080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B





b = B - 61
h = H - 56

			#	L_m	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
007.0151.XX			1	69.F...	69.C...
001.0075.XX			2	69.F...	69.C...

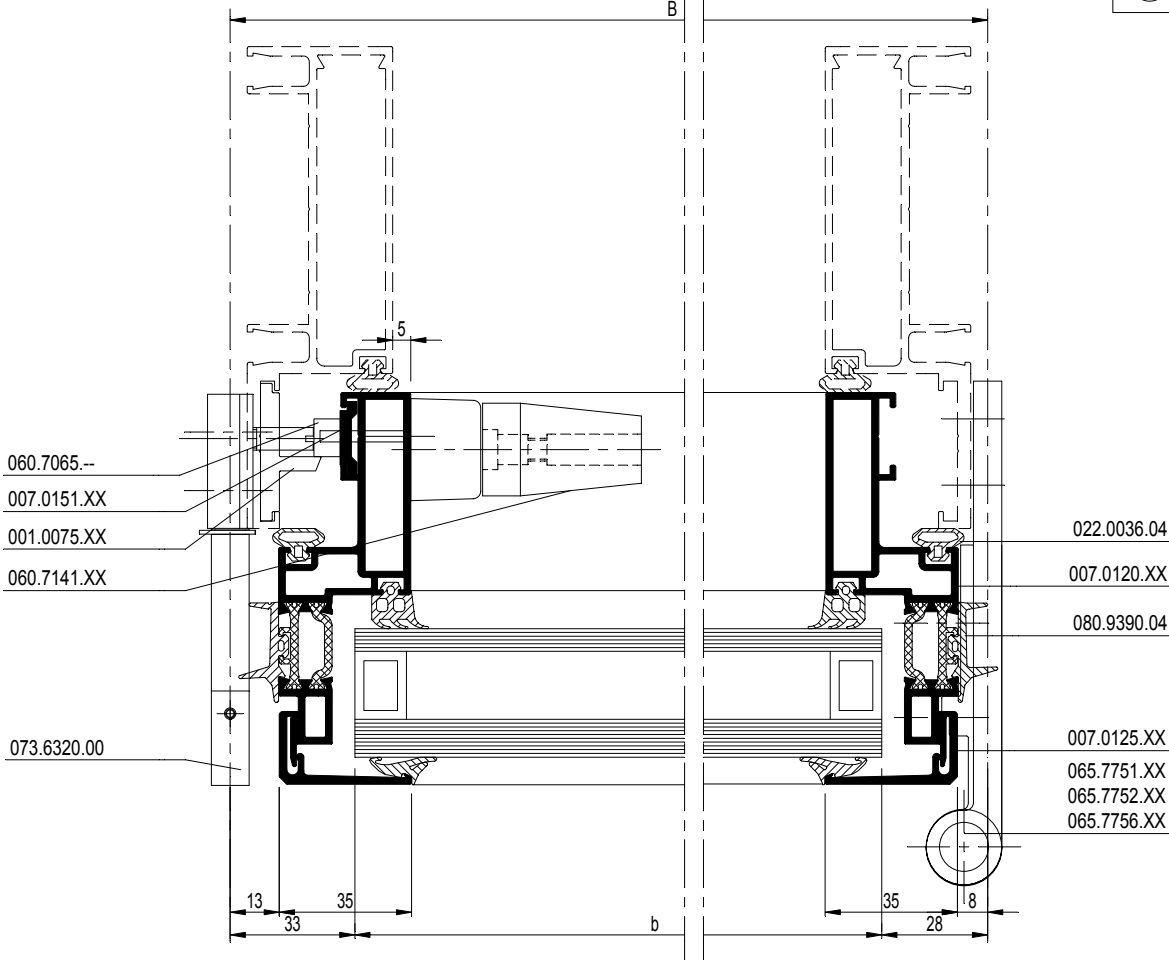
Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A

B



schaal - échelle
scale - Maßstab
1/2

D0048250

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7141.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
065.7751.XX		1	69.G...
065.7756.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

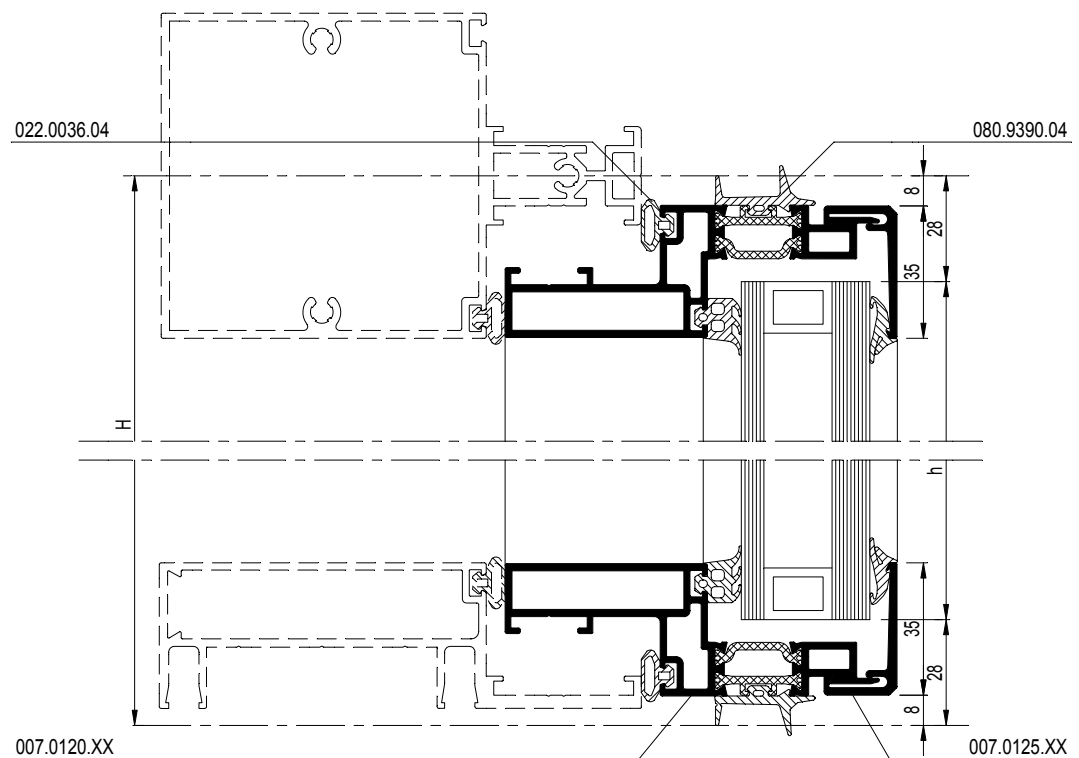
060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

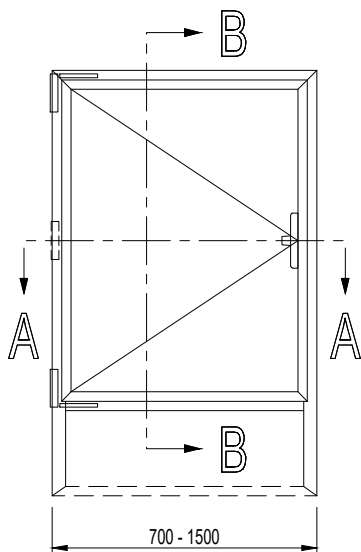
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



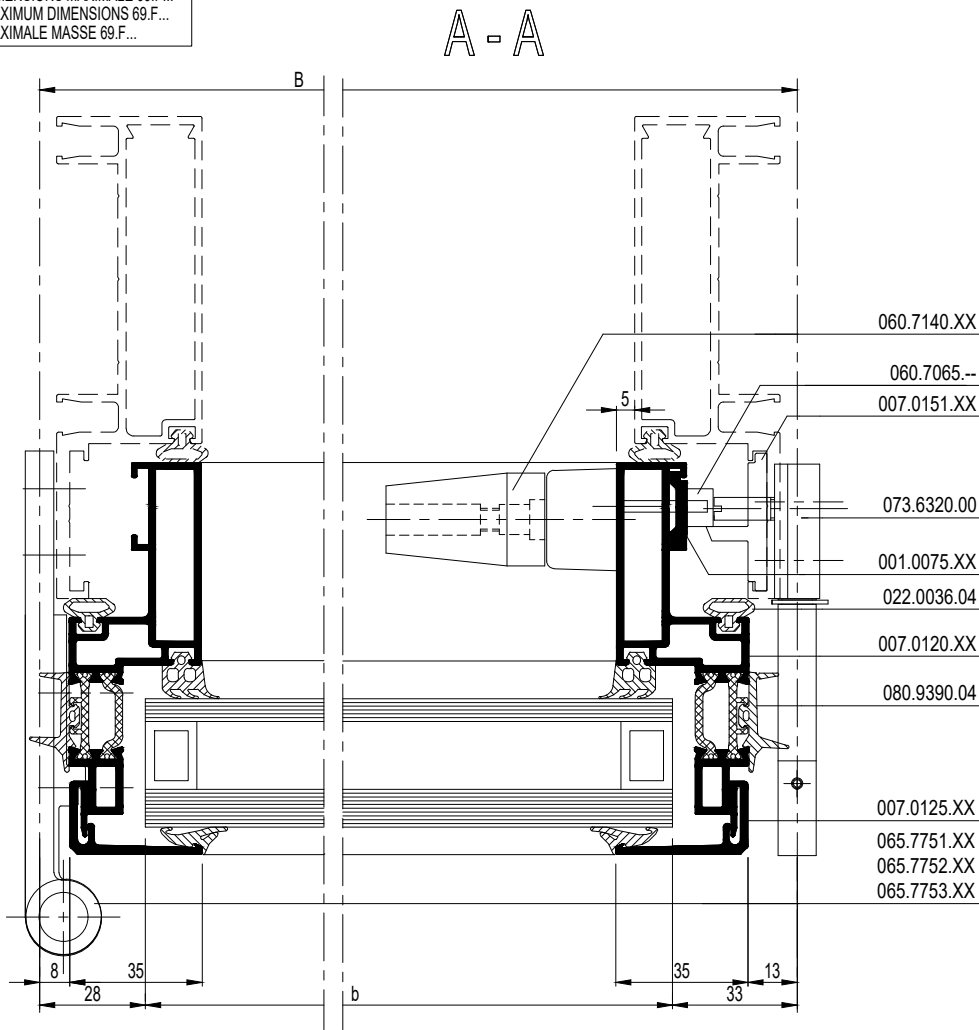
b = B - 61
h = H - 56

			#	Lm	
007.0120.XX			2	B - 21	69.C...
007.0125.XX			2	H - 16	69.C...
007.0151.XX			2	B - 21	69.C...
001.0075.XX			1	H - 16	69.C...
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00



schaal - échelle
scale - Maßstab
1/2

D0048251

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7140.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7065.--		69.F...	69.G...
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025.1007.07		2	69.G...
050.5041.--		2	69.G...

073.6320.00		1	69.G...
050.5041.--		4	69.G...

065.7751.XX		1	69.G...
065.7753.XX		1	69.G...

option

065.7752.XX		1	69.G...
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060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

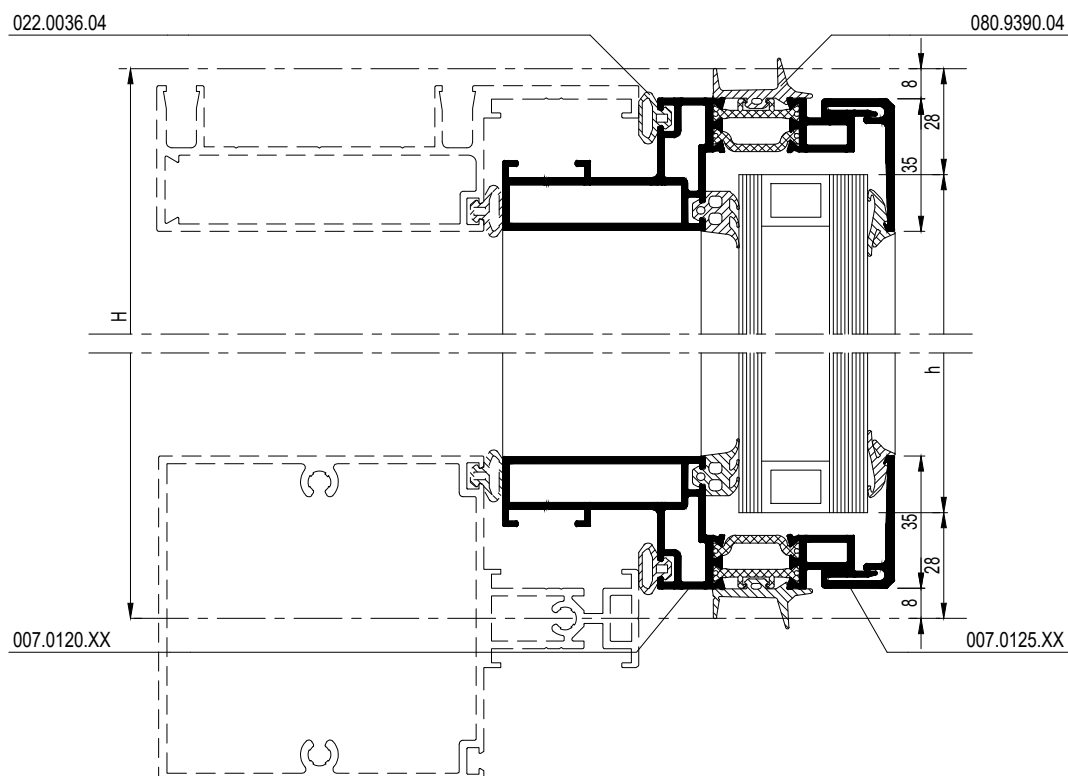
060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

of/ou/or/oder

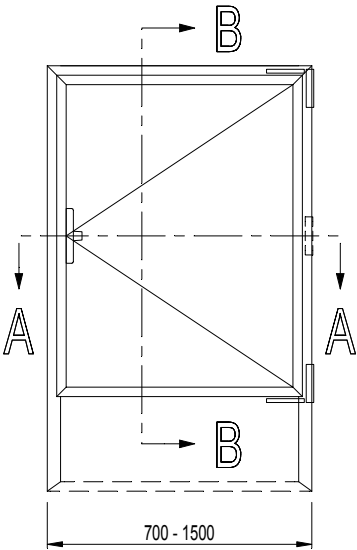
kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

00048251



b = B - 61
h = H - 56

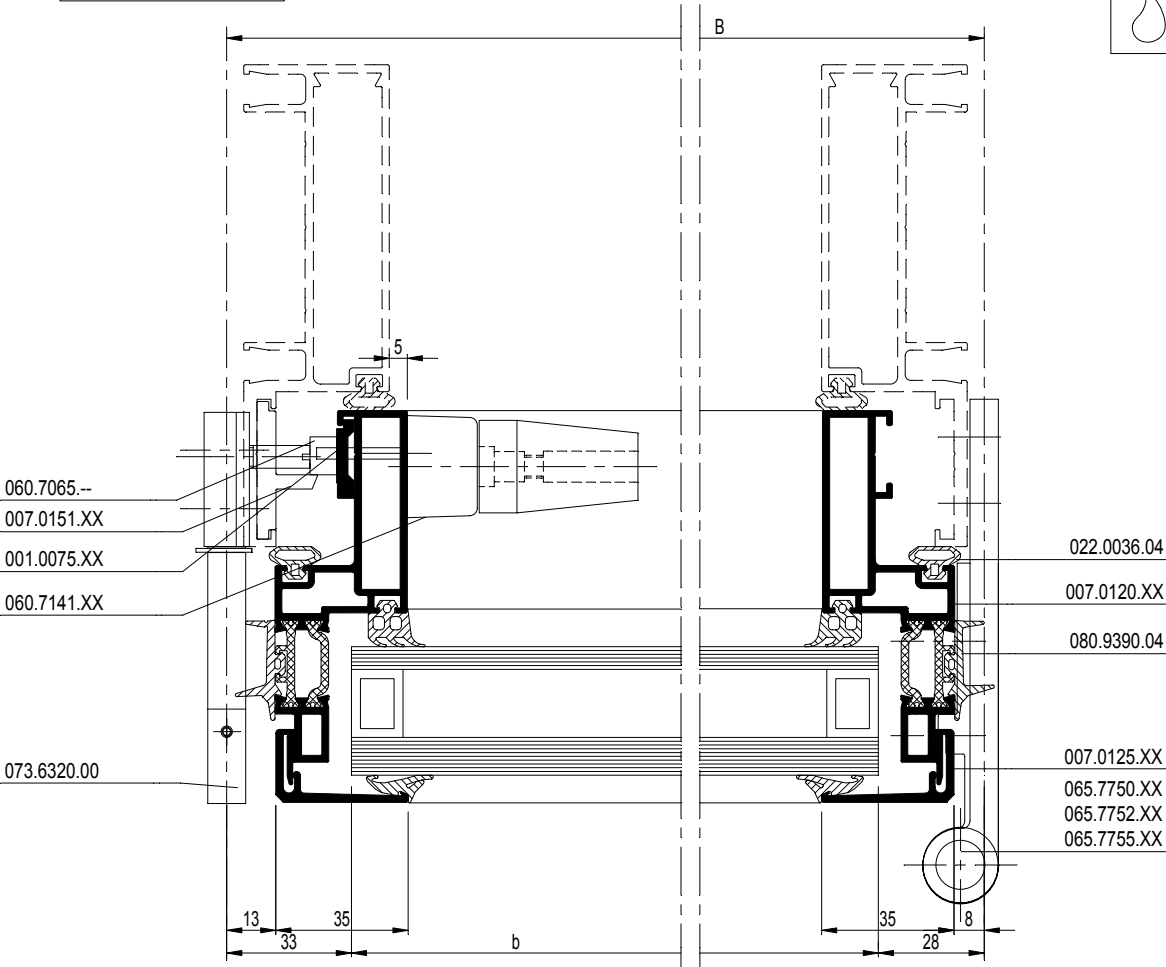
			#	L_m	
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
007.0151.XX			1	69.F...	69.C...
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00



schaal - échelle
scale - Maßstab
1/2

D0048252

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...

060.7141.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7065.--		69.F...	69.G...
-------------	---	---------	---------

025.1007.07		2	69.G...
052.5316.--		2	69.G...

073.6320.00		1	69.G...
050.5041.--		4	69.G...

065.7750.XX		1	69.G...
065.7755.XX		1	69.G...

option

065.7752.XX		1	69.G...
-------------	---	---	---------

060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

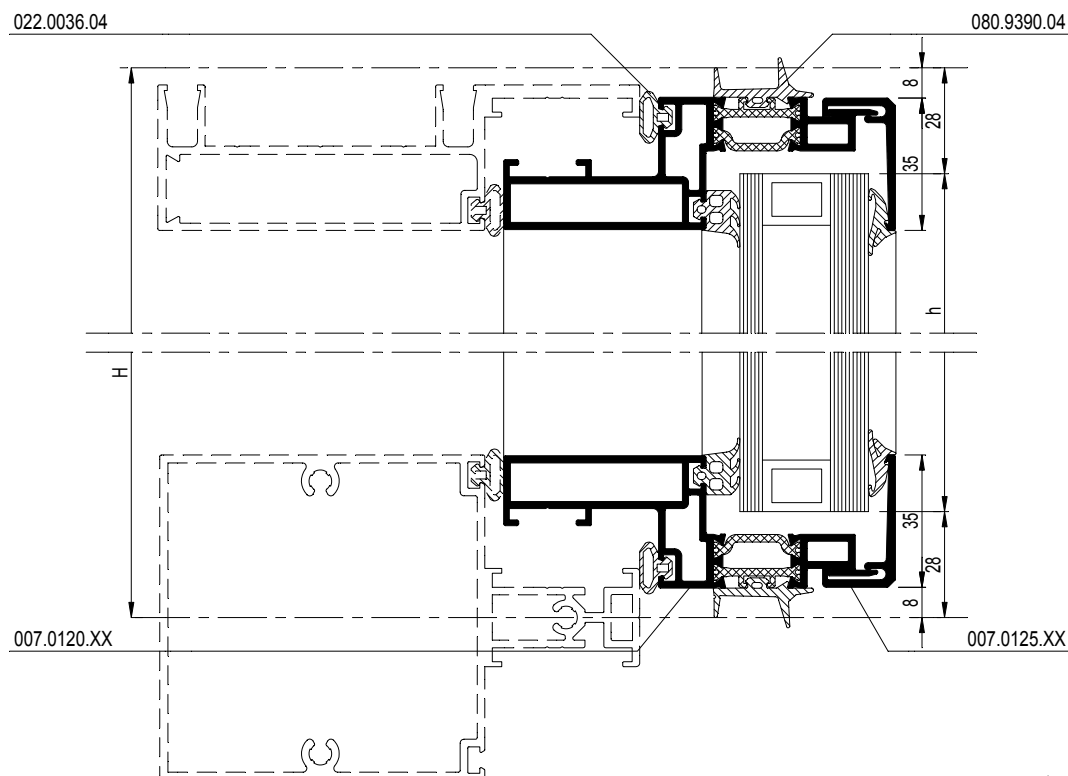
060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

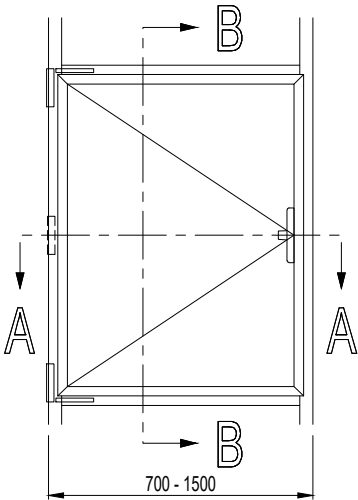
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

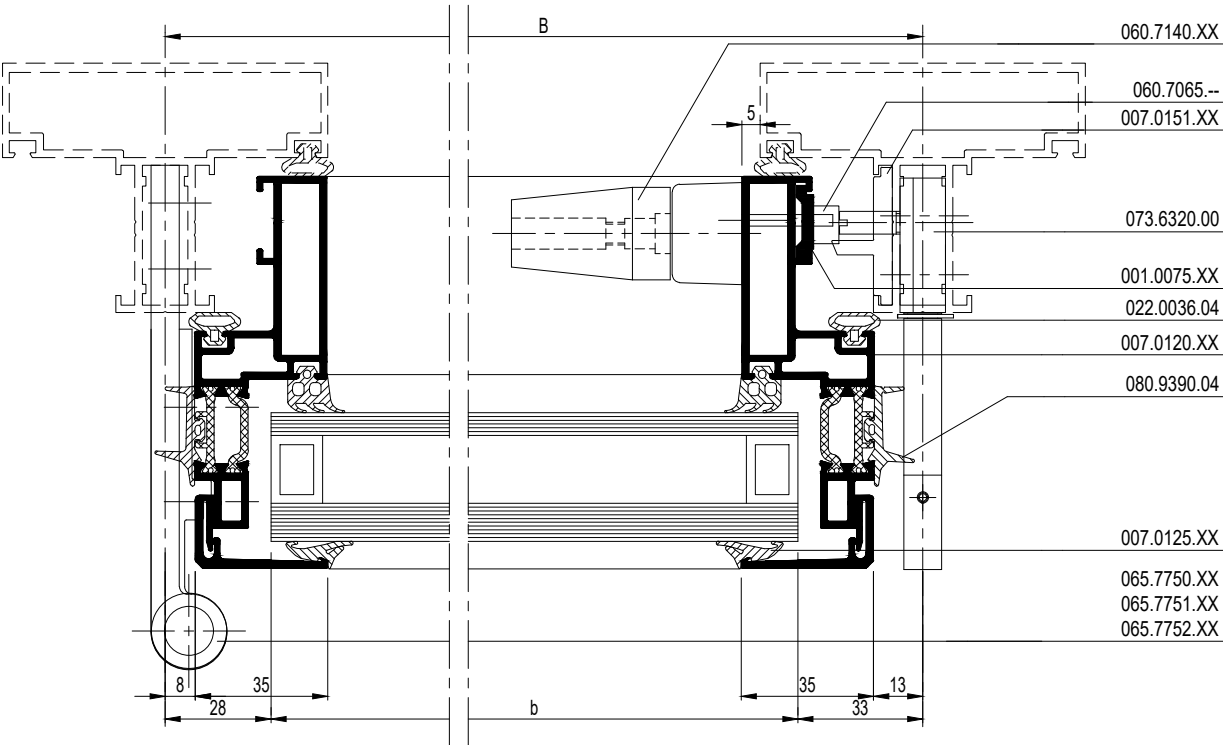
			#	$\leftarrow L_m \rightarrow$	
007.0120.XX			2	B - 21	69.C...
007.0125.XX			2	H - 16	69.C...
007.0151.XX			2	B - 21	69.C...
007.0151.XX			2	H - 16	69.C...
001.0075.XX			1	69.F...	69.C...
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D00045178

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7140.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.6320.00		1	69.G...
050.5111.--		4	69.G...
065.7750.XX		1	69.G...
065.7751.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.-		6	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

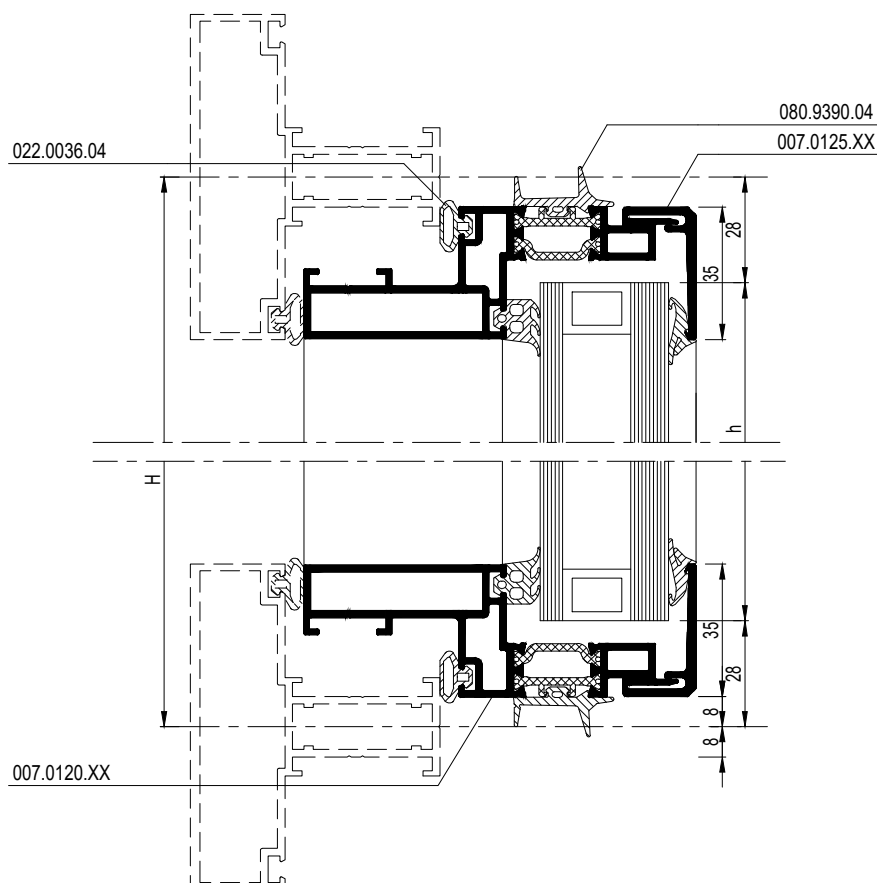
060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.-		6	69.G...
050.5130.--		10	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

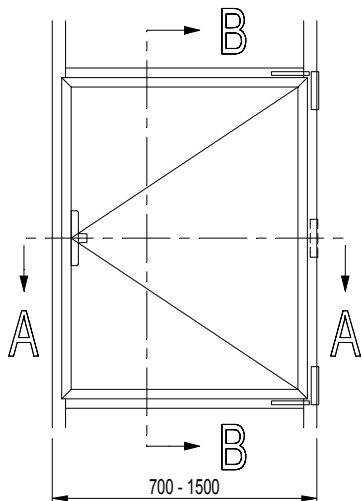
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 61
h = H - 56

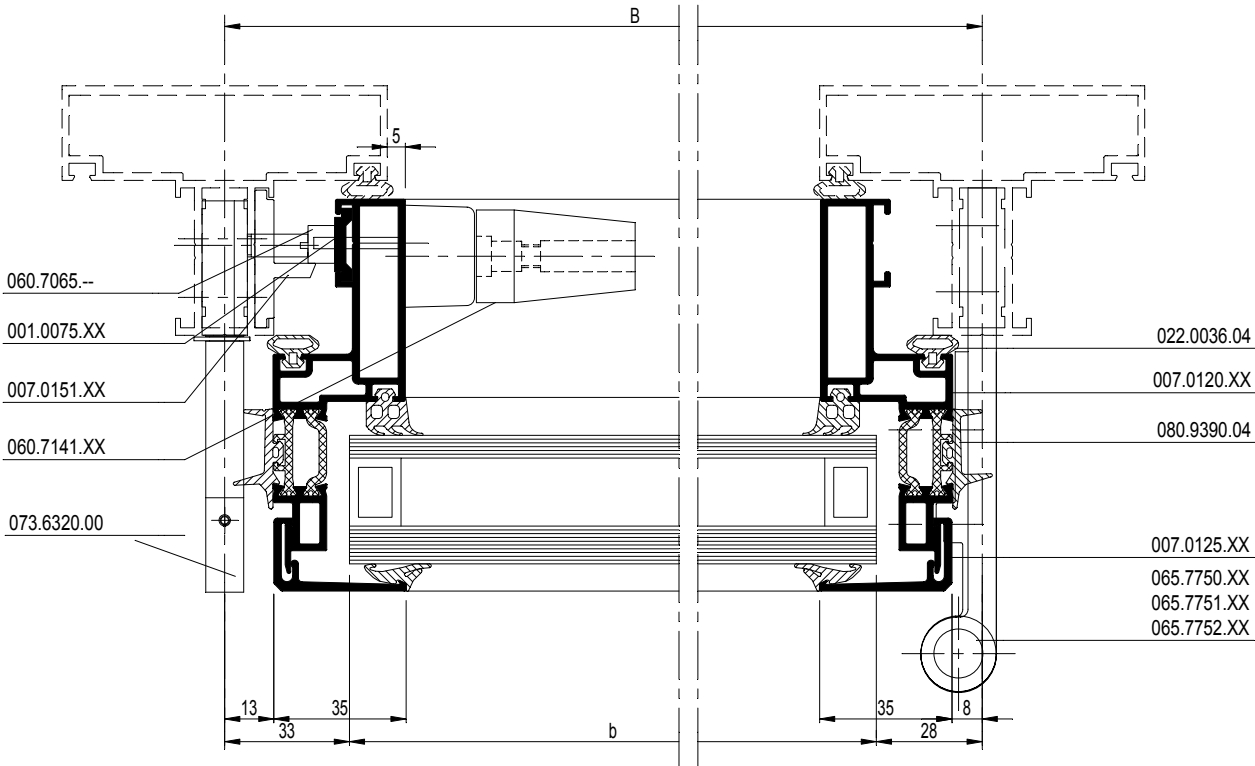
			#		
007.0120.XX			2	B - 21	69.C...
			2	H-16	
007.0125.XX			2	B - 21	69.C...
			2	H-16	
007.0151.XX			1	69.F...	69.C...
001.0075.XX			2	69.F...	69.C...

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0604.00
	097.0633.00
	097.0634.00
	097.0635.00
	097.L500.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048253

		#	
068.6405.00		4	69.G...
068.8875.00		4	69.G...
060.7141.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.6320.00		1	69.G...
050.5111.--		4	69.G...
065.7750.XX		1	69.G...
065.7751.XX		1	69.G...
option			
065.7752.XX		1	69.G...

060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.-		6	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

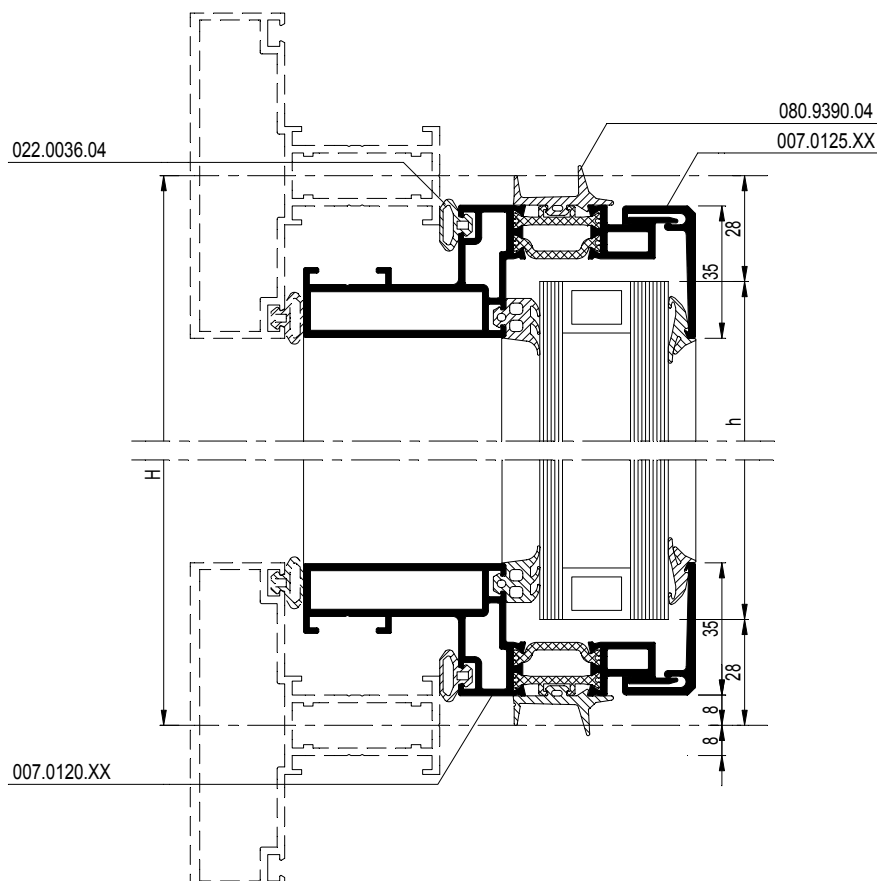
060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.-		6	69.G...
050.5130.--		10	69.G...

080.9381.04		4 x 0.1m	69.G...
022.0036.04		(2xB)+(2xH)	69.G...
080.9390.04		(2xH)+(2xB)	69.G...

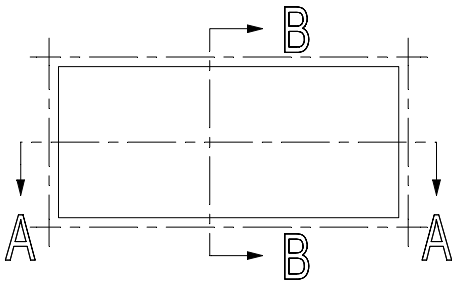
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 22
h = H - 22

			#		
028.2051.XX			2	B - 16	69.C...
			2	H - 16	
028.2030.39			2	B - 16	69.C...
			2	H - 16	

of/ou/or/oder

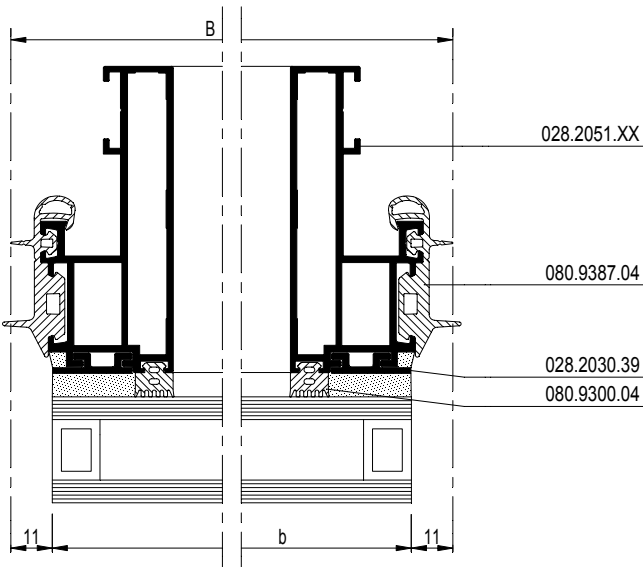
028.2031.39			2	B - 16	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0044927

		#	
068.6407.00		4	69.G...

021.2181.00		min. 4	69.G...
073.6310.00		min. 4	69.G...
050.5140.--		min. 8	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

073.8252.XX		69.F...	69.G...
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of/ou/or/oder

073.8254.XX		69.F...	69.G...
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025.1076.--		2	69.G...
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of/ou/or/oder

069.6820.00		2	69.G...
055.5640.--		2	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

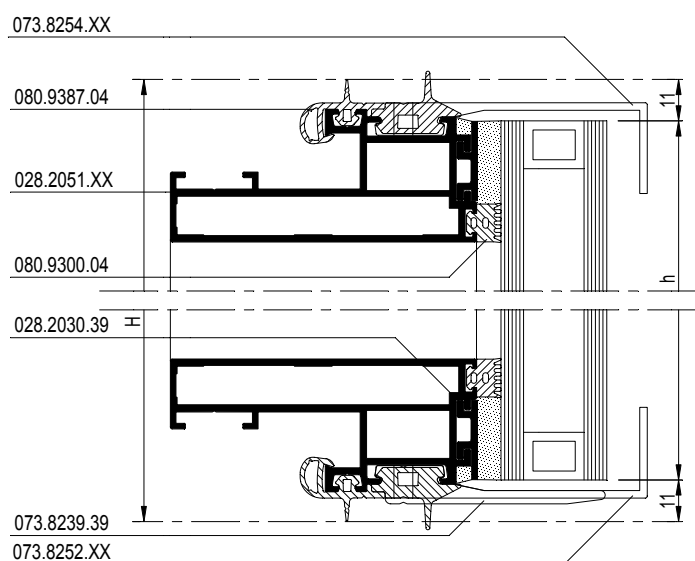
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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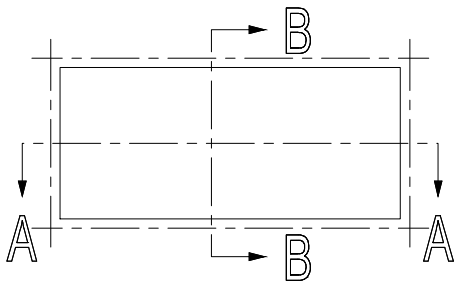
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 22
h = H - 22

			#		
028.2052.XX			2	B - 16	69.C...
			2	H - 16	
028.2030.39			2	B - 16	69.C...
			2	H - 16	

of/ou/or/oder

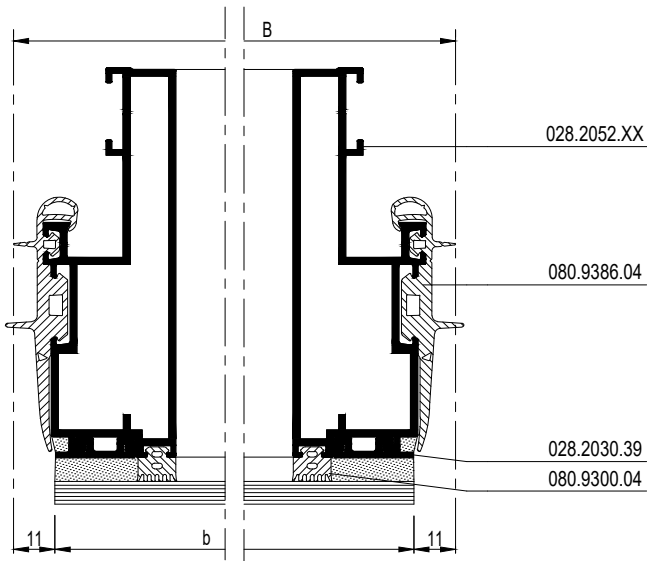
028.2031.39			2	B - 16	69.C...
			2	H - 16	

Montagetekeningen		69.F...
Fabrication et montage		
Assembly drawings		
Montagezeichnungen		

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00

A - A

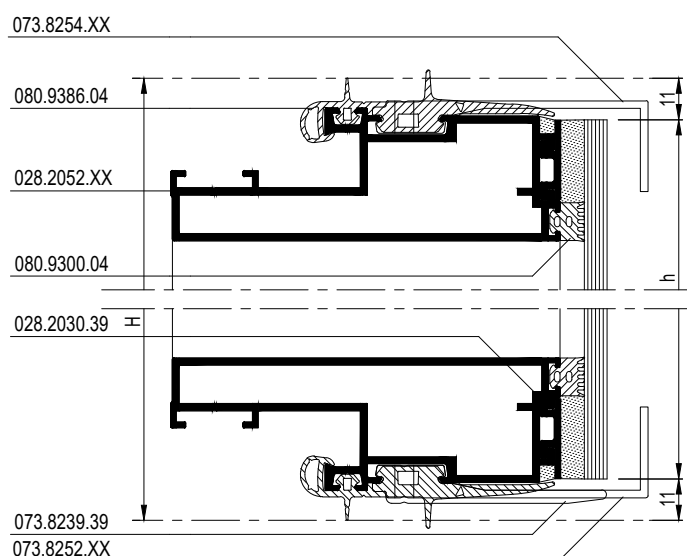


schaal - échelle
scale - Maßstab
1/2

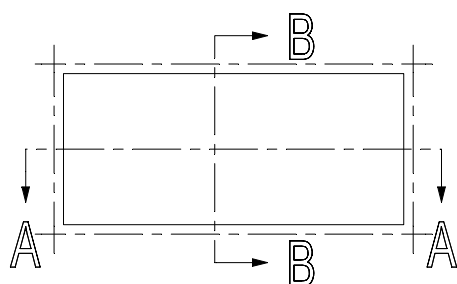
D0044928

		#	
068.6408.00		4	69.G...
021.2181.00		min. 4	69.G...
073.6310.00		min. 4	69.G...
050.5140.--		min. 8	69.G...
073.8239.39		69.F...	69.G...
of/ou/or/oder			
073.8252.XX		69.F...	69.G...
of/ou/or/oder			
073.8254.XX		69.F...	69.G...
025.1076.--		69.F...	69.G...
of/ou/or/oder			
069.6820.00		2	69.G...
055.5640.--		2	69.G...
080.9300.04		(2xH)+(2xB)	69.G...
of/ou/or/oder			
080.9301.04		(2xH)+(2xB)	69.G...
080.9386.04		(2xH)+(2xB)	69.G...
of/ou/or/oder			
kaders, cadres, frames, Rahmen			69.B...

B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 22
h = H - 22

			#	L_m	
028.2053.XX			2	B - 16	69.C...
			2	H - 16	
028.2030.39			2	B - 16	69.C...
			2	H - 16	

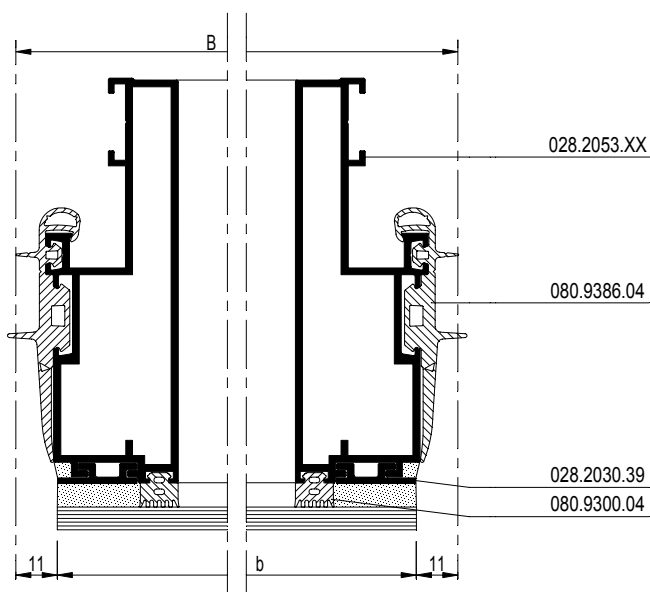
of/ou/or/oder

028.2031.39			2	B - 16	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A



schaal - échelle
scale - Maßstab
1/2

D0044960

		#	
068.6410.00		4	69.G...

021.2181.00		min. 4	69.G...
073.6310.00		min. 4	69.G...
050.5140.--		min. 8	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

073.8252.XX		69.F...	69.G...
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of/ou/or/oder

073.8254.XX		69.F...	69.G...
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025.1076.--		2	69.G...
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of/ou/or/oder

069.6820.00		2	69.G...
055.5640.--		2	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

080.9301.04		(2xH)+(2xB)	69.G...
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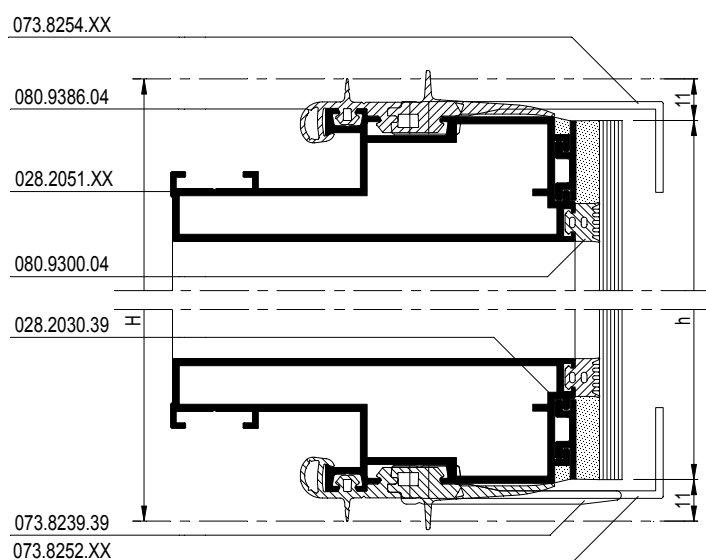
080.9386.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

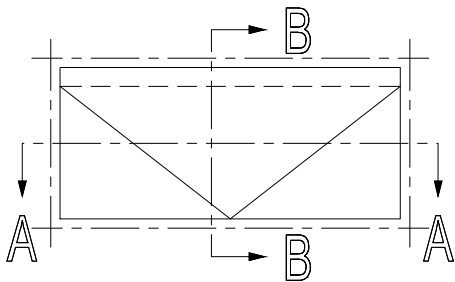
kaders, cadres, frames, Rahmen	69.B...
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	097.0743.00

B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 22
h = H - 22

			#	$\leftarrow L_m \rightarrow$	
028.2051.XX			2	B - 16	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
			(2)	69.F...	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

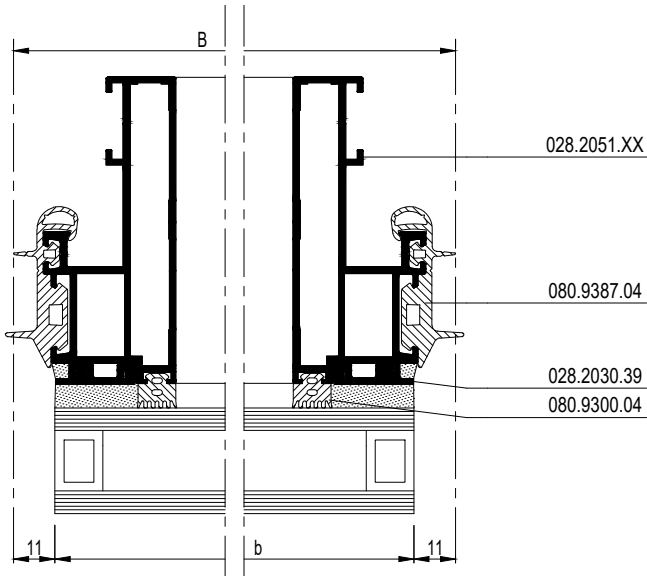
of/ou/or/oder

028.2030.39			2	B - 16	69.C...
			2	H - 16	

028.2031.39			2	B - 16	69.C...
			2	H - 16	

	097.0743.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0044929

		#	
068.6407.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
052.5332.--		69.F...	69.G...
or 050.5130.-		69.F...	69.G...
060.7065.--		69.F...	69.G...
069.7073.01		69.F...	69.G...
052.5312.--		69.F...	69.G...
060.7871.--		69.F...	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

073.8252.XX		69.F...	69.G...
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of/ou/or/oder

073.8254.XX		69.F...	69.G...
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080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

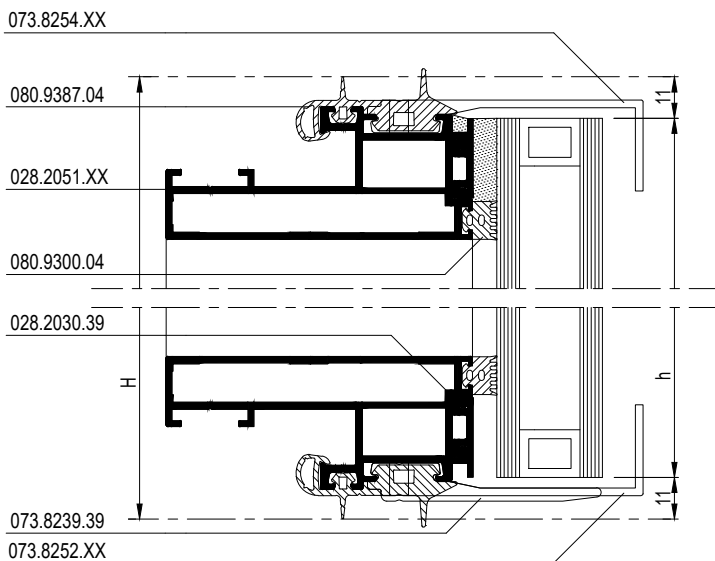
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

kaders, cadres, frames, Rahmen		69.B...	
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B - B



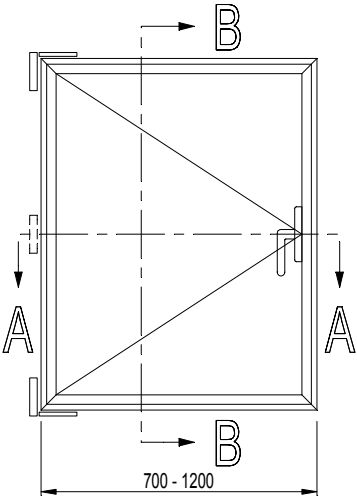
021.5640.-- *		1	69.G...
050.5009--		6	69.G...
057.5714.--		6	69.G...
050.5119.--		6	69.G...
050.5012.--		2	69.G...
073.6300.00		1	69.G...
of/ou/or/oder			
050.5118.--		6	69.G...
050.5000.--		2	69.G...
060.8315.XX		1	69.G...

(*)of/ou/or/oder

021.5650.-- *		1	69.G...
050.5009--		8	69.G...
057.5714.--		8	69.G...
050.5119.--		6	69.G...
050.5012.--		2	69.G...
073.6300.00		1	69.G...
of/ou/or/oder			
050.5118.--		6	69.G...
050.5000.--		2	69.G...
060.8316.XX		1	69.G...

(*)of/ou/or/oder

021.5660.-- *		1	69.G...
050.5009--		8	69.G...
057.5714.--		8	69.G...
050.5119.--		6	69.G...
050.5012.--		2	69.G...
073.6300.00		1	69.G...
of/ou/or/oder			
050.5118.--		6	69.G...
050.5000.--		2	69.G...
060.8317.XX		1	69.G...



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

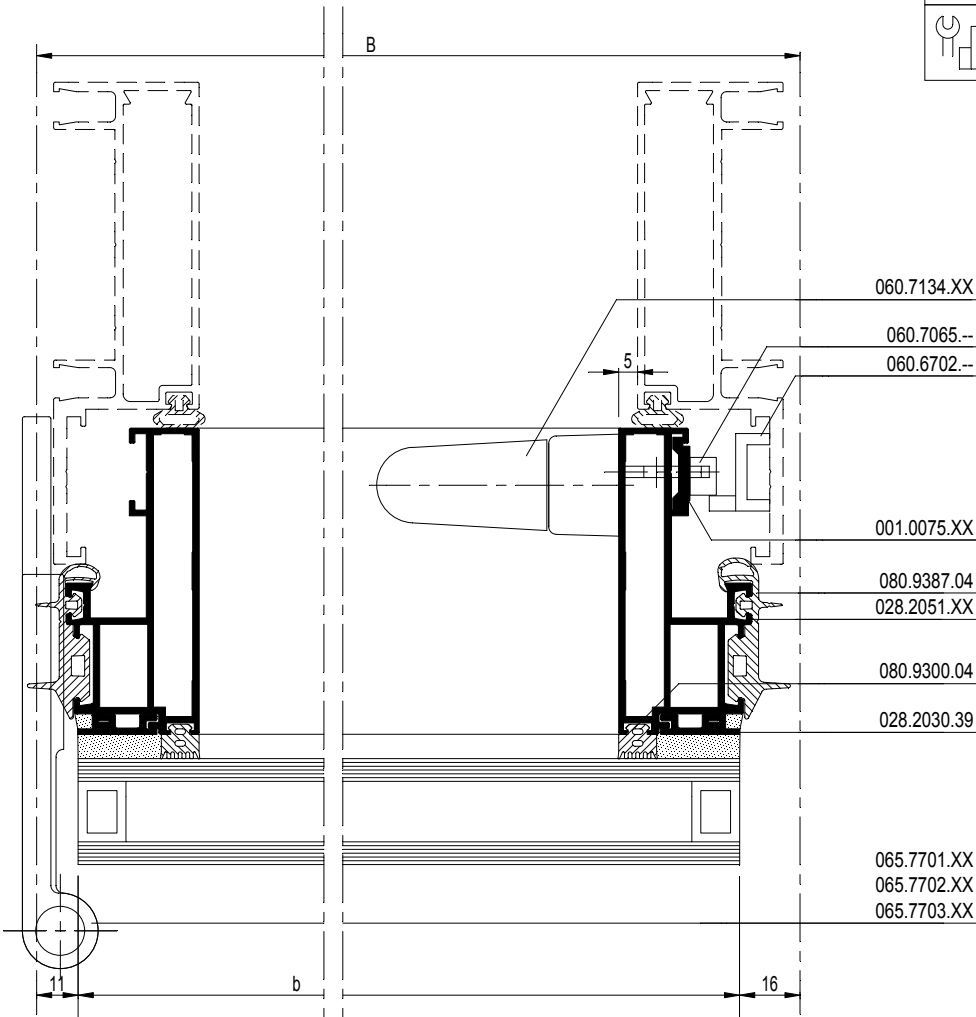
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00



schaal - échelle
scale - Maßstab
1/2

D0045191

		#	
068.6407.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...
065.7701.XX		1	69.G...
065.7702.XX		1	69.G...
option			
065.7703.XX		1	69.G...

of/ou/or/oder

of/ou/or/oder

060.7167.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

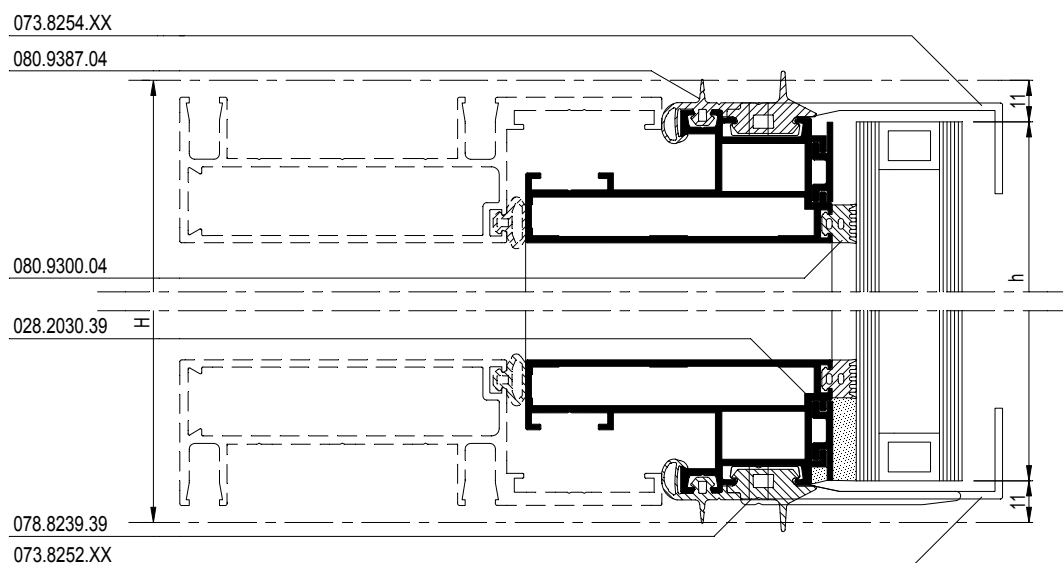
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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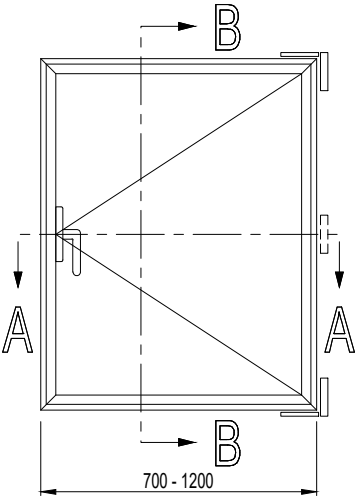
of/ou/or/oder

kaders, cadres, frames, Rahmen		69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#	Lm	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C---
			2	H - 16	

of/ou/or/oder

028.2031.39			2	B - 21	69.C...
			2	H - 16	

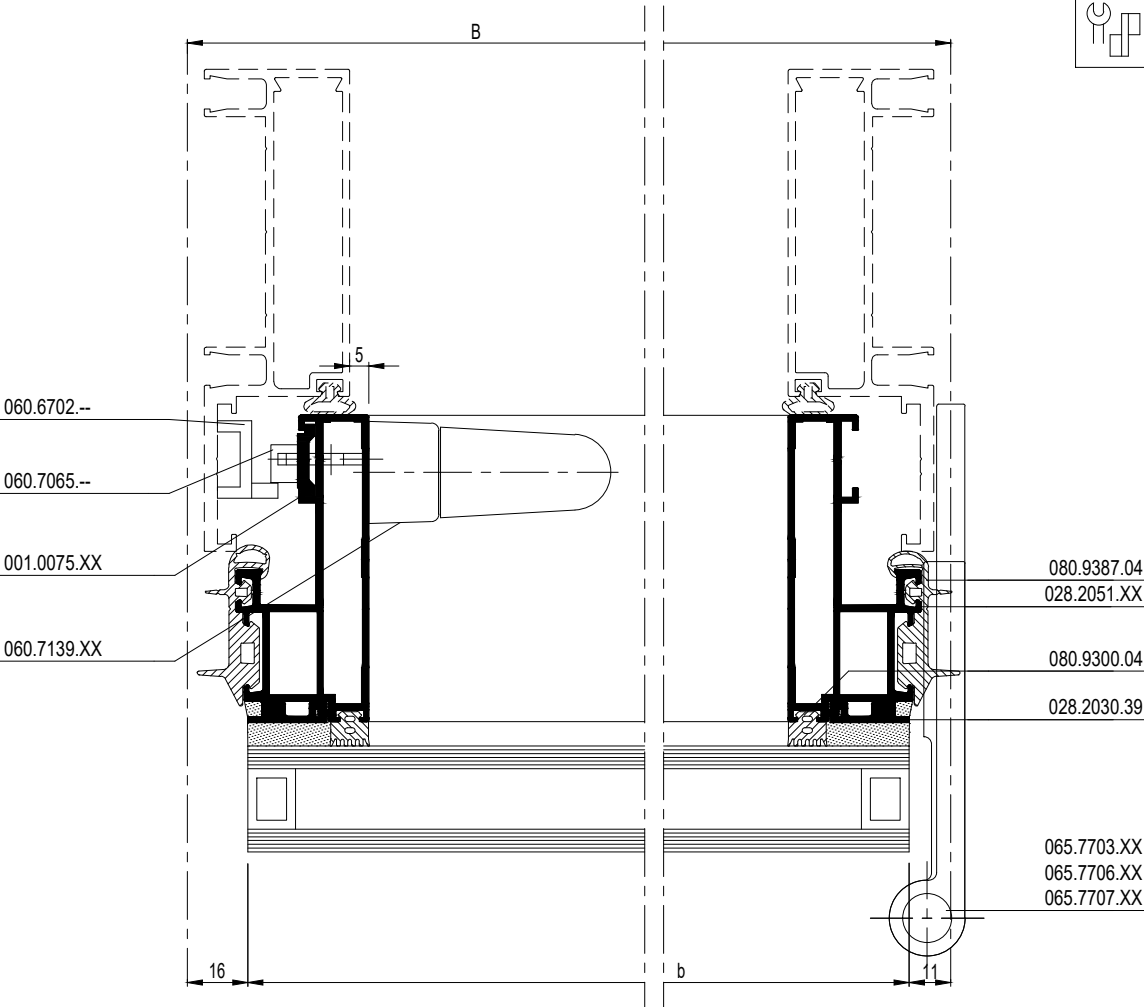
Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

69.F...

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00



schaal - échelle
scale - Maßstab
1/2

D00045197

		#	
068.6407.00		4	69.G...

060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...

025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

078.8252.XX		69.F...	69.G...
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of/ou/or/oder

078.8254.XX		69.F...	69.G...
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065.7706.XX		1	69.G...
065.7707.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7167.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

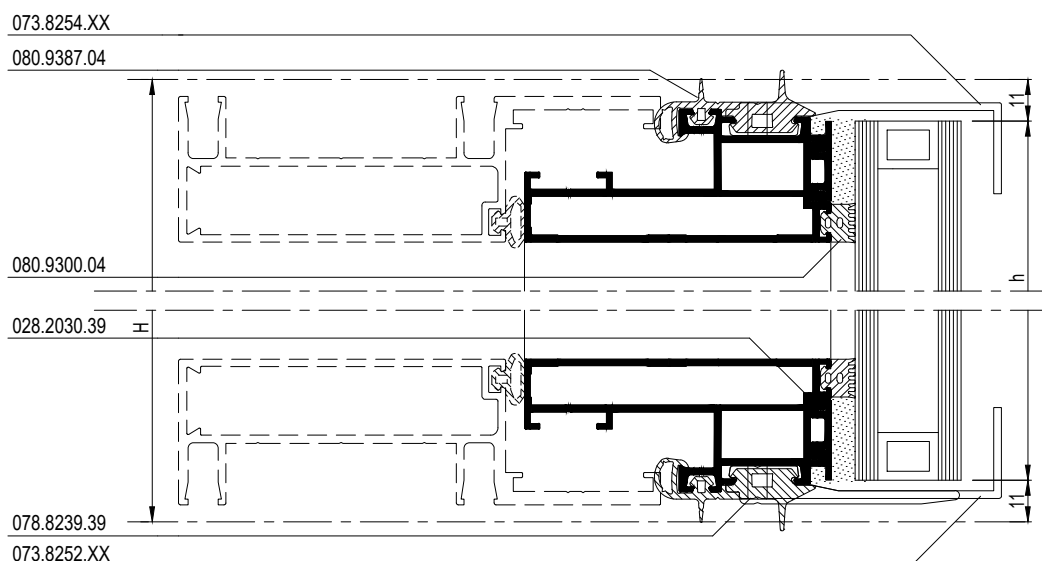
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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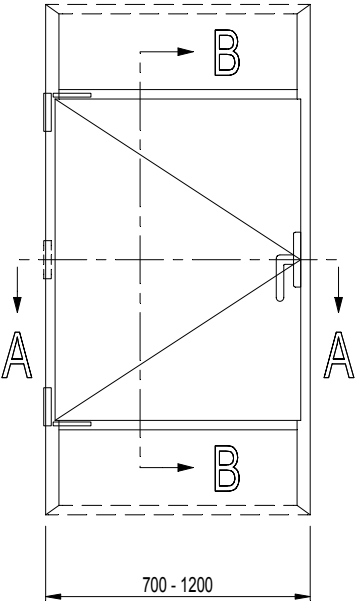
of/ou/or/oder

kaders, cadres, frames, Rahmen			69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

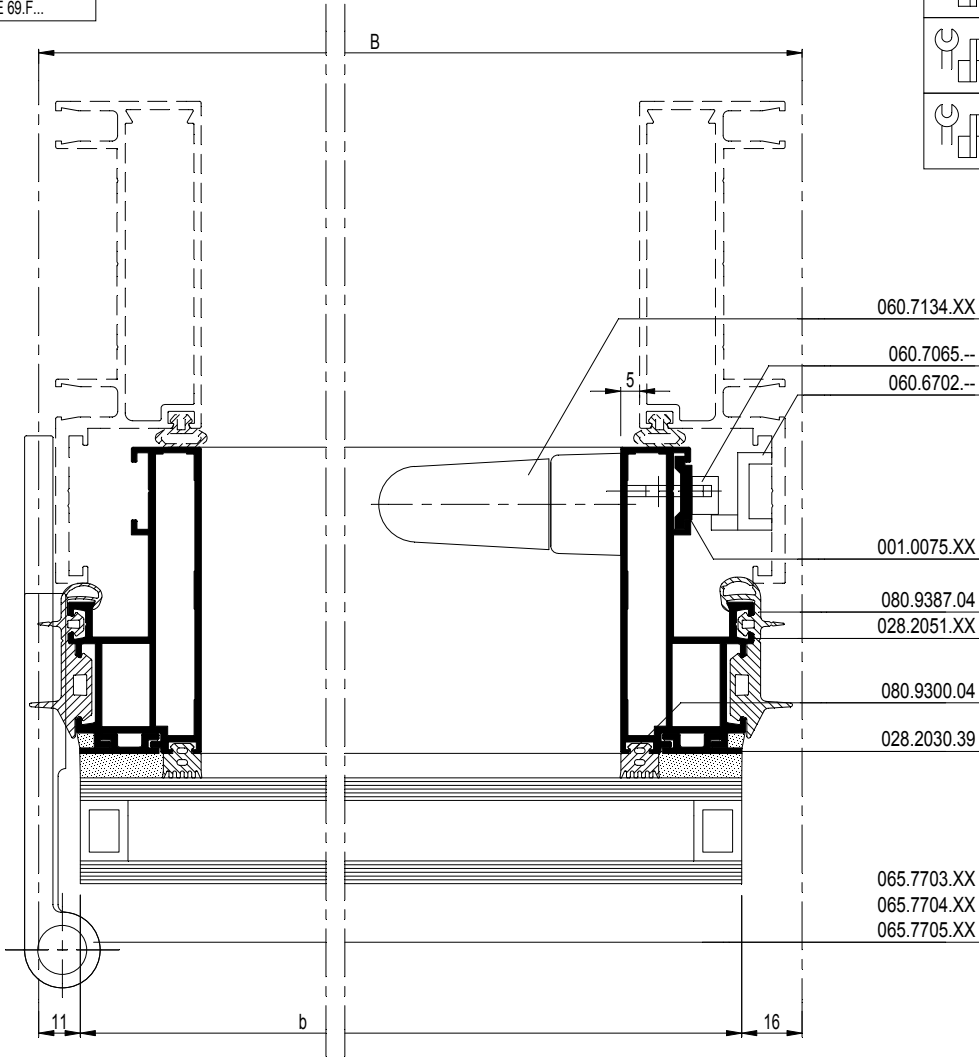
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D0045185

		#	
068.6407.00		4	69.G...

060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...

025.1007.07		2	69.G...
052.5316.--		2	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

078.8252.XX		69.F...	69.G...
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of/ou/or/oder

078.8254.XX		69.F...	69.G...
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065.7704.XX		1	69.G...
065.7705.XX		1	69.G...

option

065.7703.XX		1	69.G...
-------------	---	---	---------

060.7167.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
-------------	--	-------------	---------

of/ou/or/oder

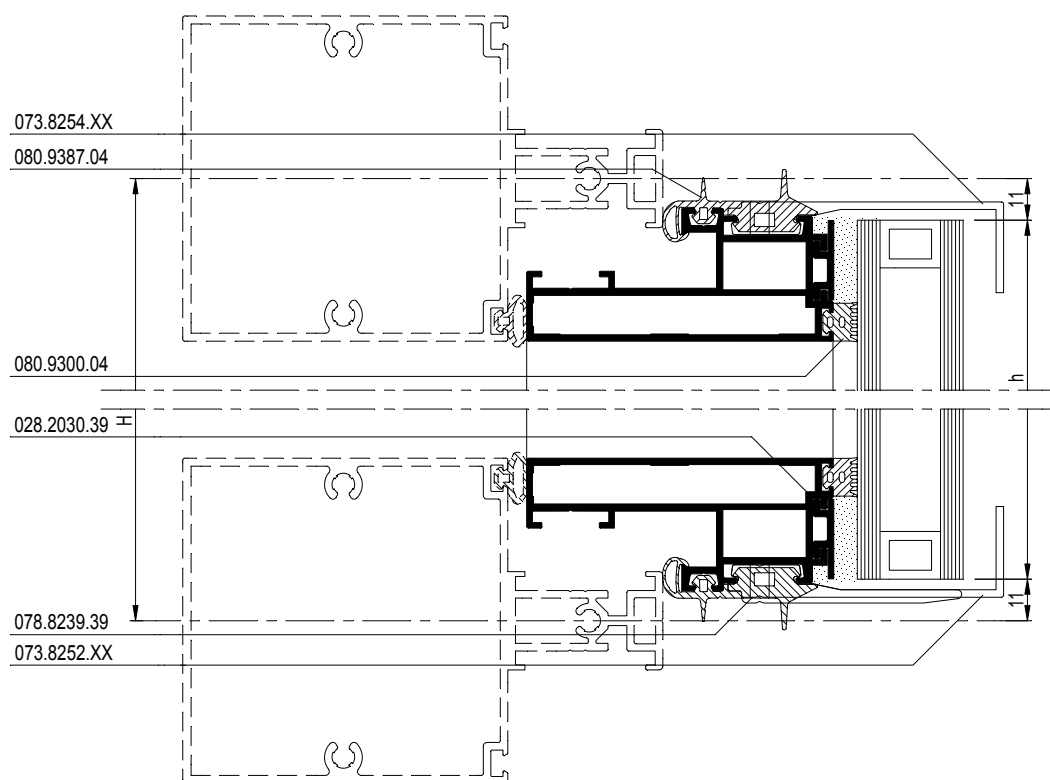
080.9301.04		(2xH)+(2xB)	69.G...
-------------	--	-------------	---------

080.9387.04		(2xH)+(2xB)	69.G...
-------------	--	-------------	---------

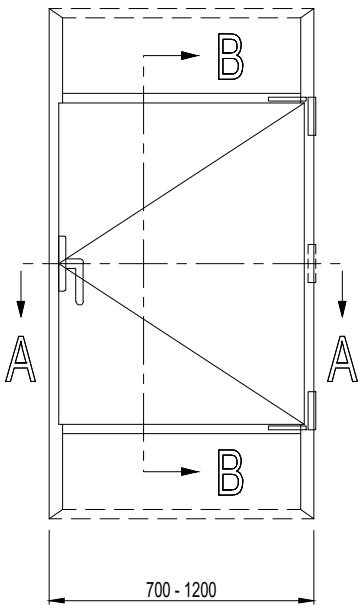
of/ou/or/oder

kaders, cadres, frames, Rahmen		69.B...	
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#	$\leftarrow L_m \rightarrow$	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

B

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00

060.7065.--
060.6702.--

5

060.7139.XX

001.0075.XX

080.9387.04

028.2051.XX

080.9300.04

028.2030.39

065.7703.XX

065.7704.XX

065.7705.XX

16

b

11

schaal - échelle
scale - Maßstab
1/2

D0048334

		#	
068.6407.00		4	69.G...

060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...

025.1007.07		2	69.G...
052.5316.--		2	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

078.8252.XX		69.F...	69.G...
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of/ou/or/oder

078.8254.XX		69.F...	69.G...
-------------	---	---------	---------

065.7704.XX		1	69.G...
065.7705.XX		1	69.G...

option

065.7703.XX		1	69.G...
-------------	---	---	---------

060.7167.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

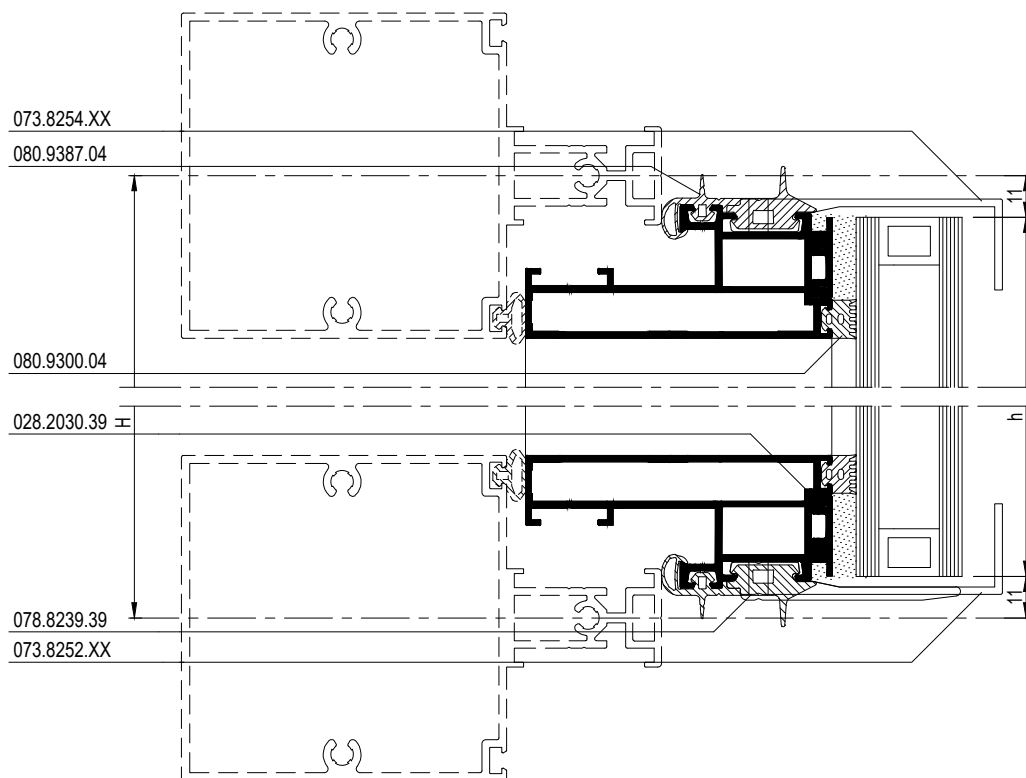
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	--	-------------	---------

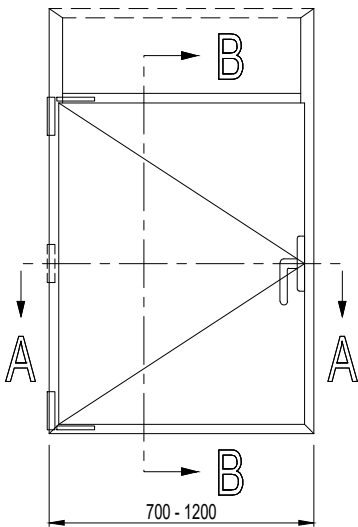
of/ou/or/oder

kaders, cadres, frames, Rahmen			69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#	$\leftarrow L_m \rightarrow$	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

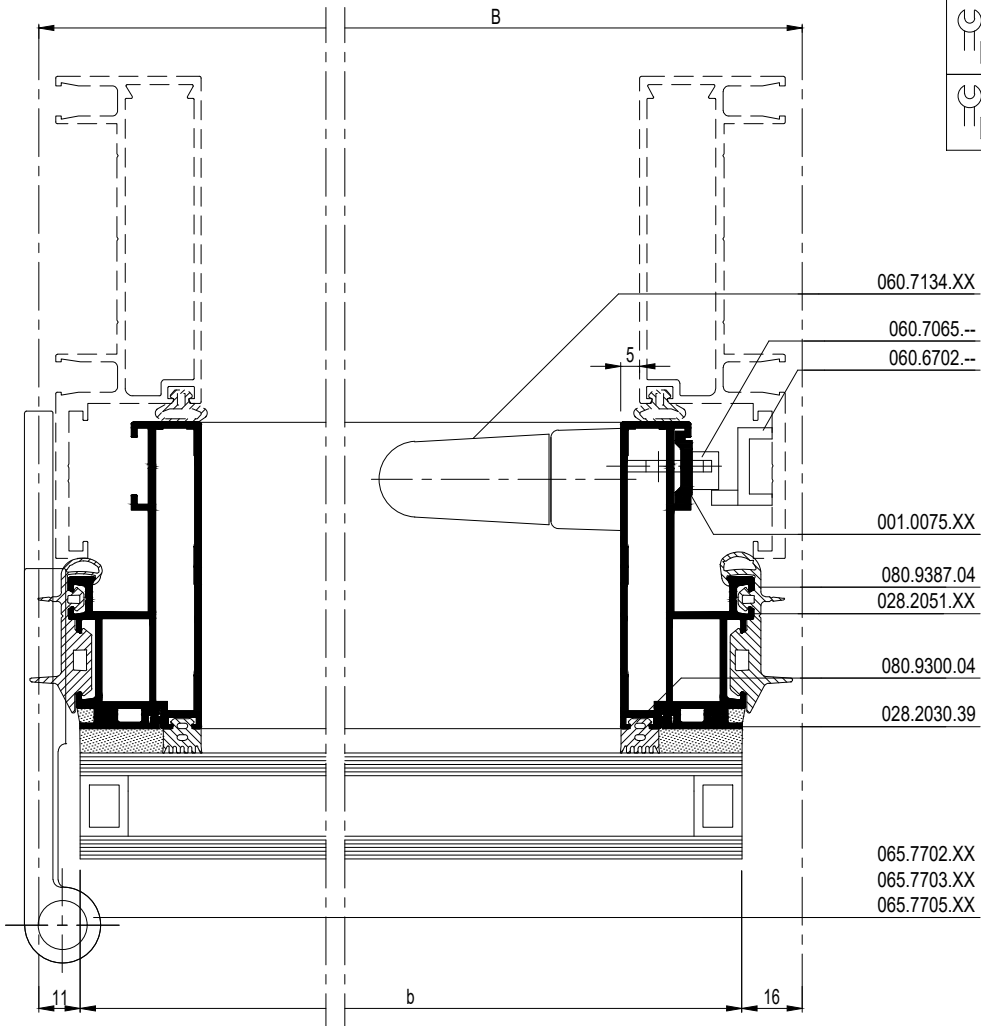
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALES 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0654.00



schaal - échelle
scale - Maßstab
1/2

D0048335

		#	
068.6407.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...
065.7702.XX		1	69.G...
065.7705.XX		1	69.G...
option			
065.7703.XX		1	69.G...

of/ou/or/oder

of/ou/or/oder

060.7167.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

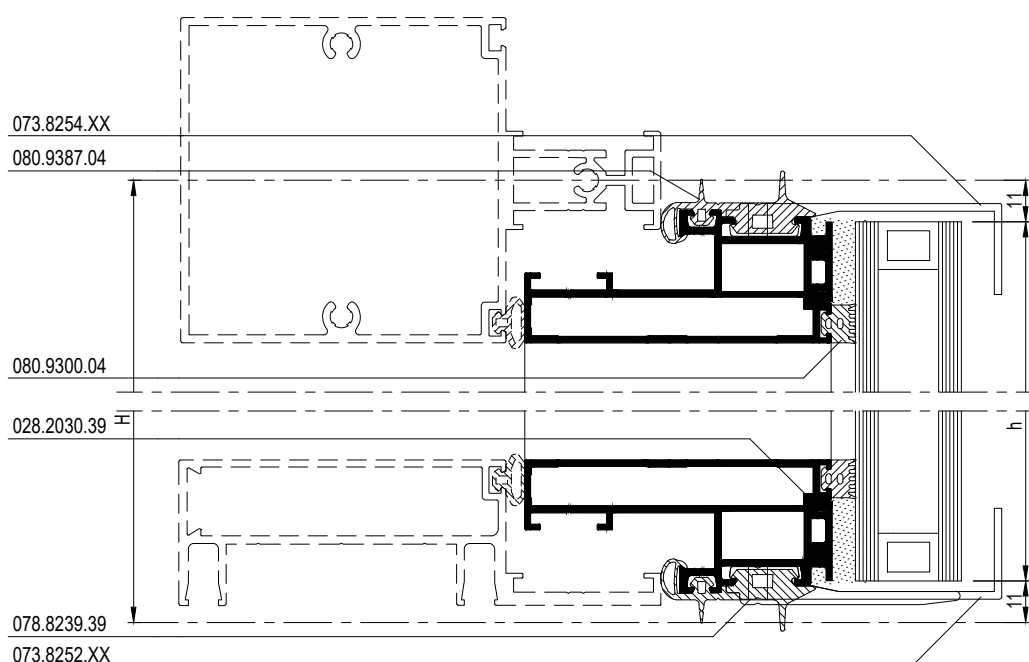
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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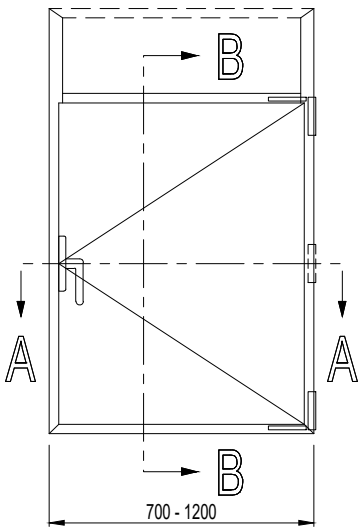
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#	$\leftarrow L_m \rightarrow$	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

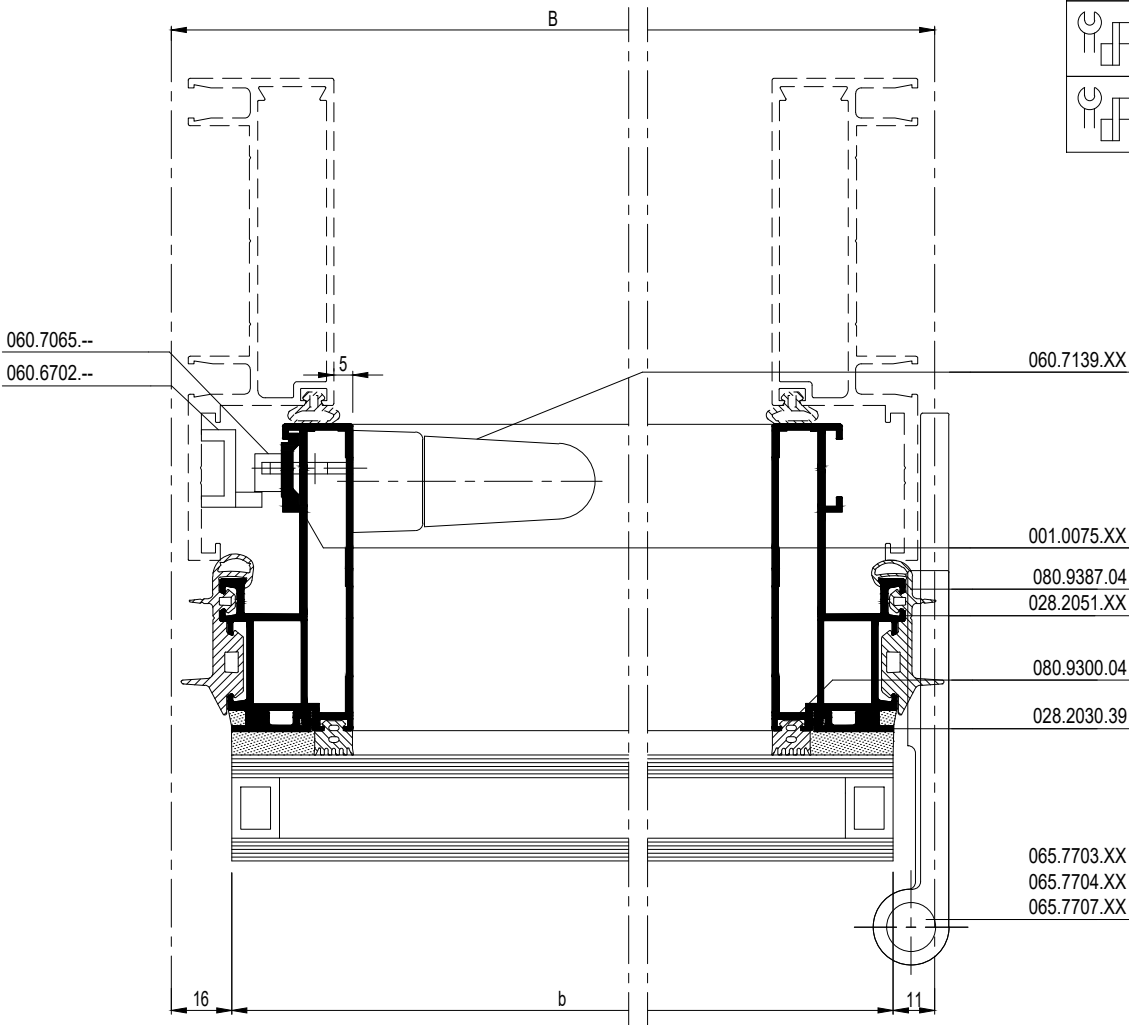
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0654.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048336

		#	
068.6407.00		4	69.G...

060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...

025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

078.8252.XX		69.F...	69.G...
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of/ou/or/oder

078.8254.XX		69.F...	69.G...
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065.7704.XX		1	69.G...
065.7707.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7167.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

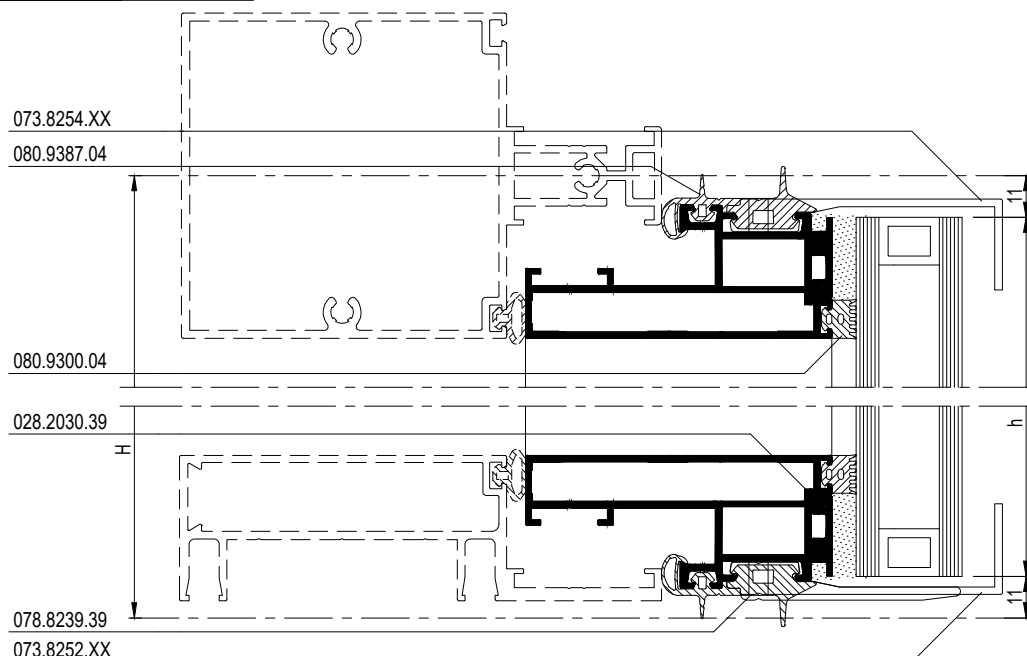
080.9301.04		(2xH)+(2xB)	69.G...
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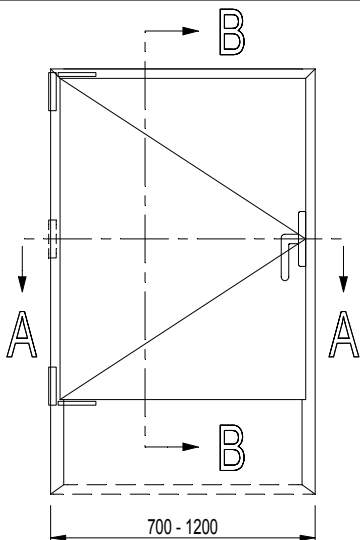
080.9387.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B





b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

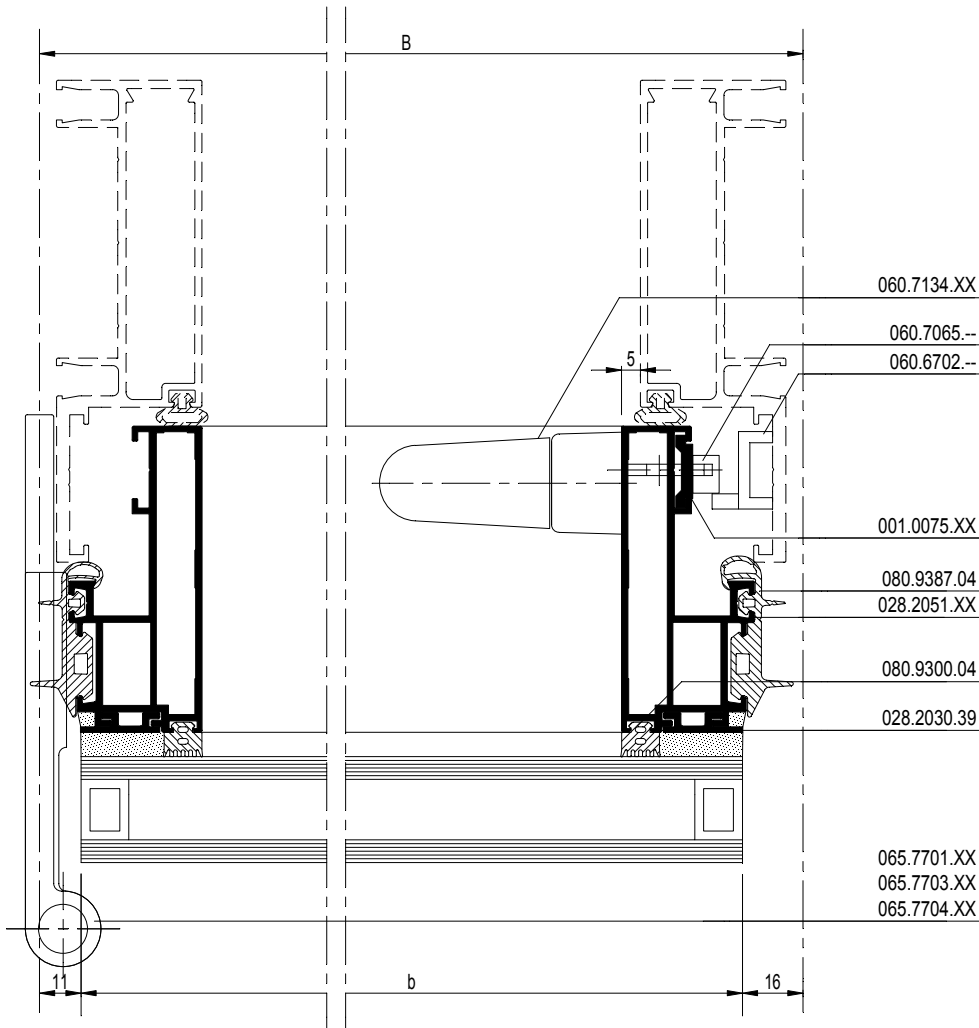
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen		69.F...
Fabrication et montage		
Assembly drawings		
Montagezeichnungen		

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D0048337

		#	
068.6407.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...
065.7701.XX		1	69.G...
065.7704.XX		1	69.G...
option			
065.7703.XX		1	69.G...

of/ou/or/oder

of/ou/or/oder

option

060.7167.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

080.9300.04		(2xH)+(2xB)	69.G...
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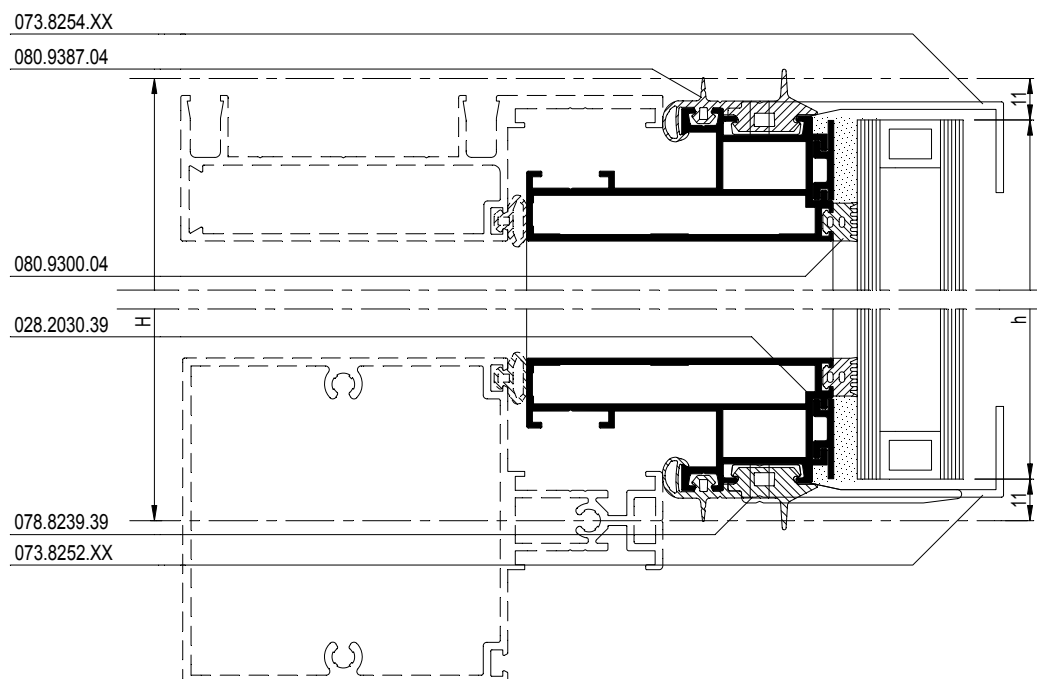
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

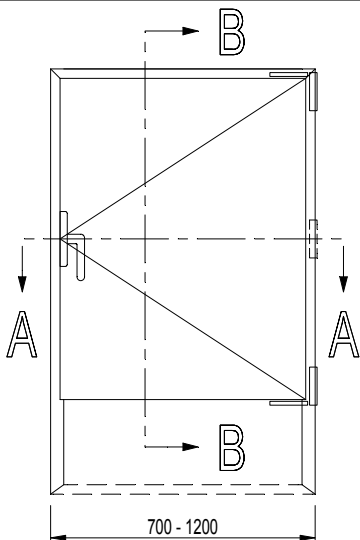
kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
 scale - Maßstab
 1/2

00048337



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F.---	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

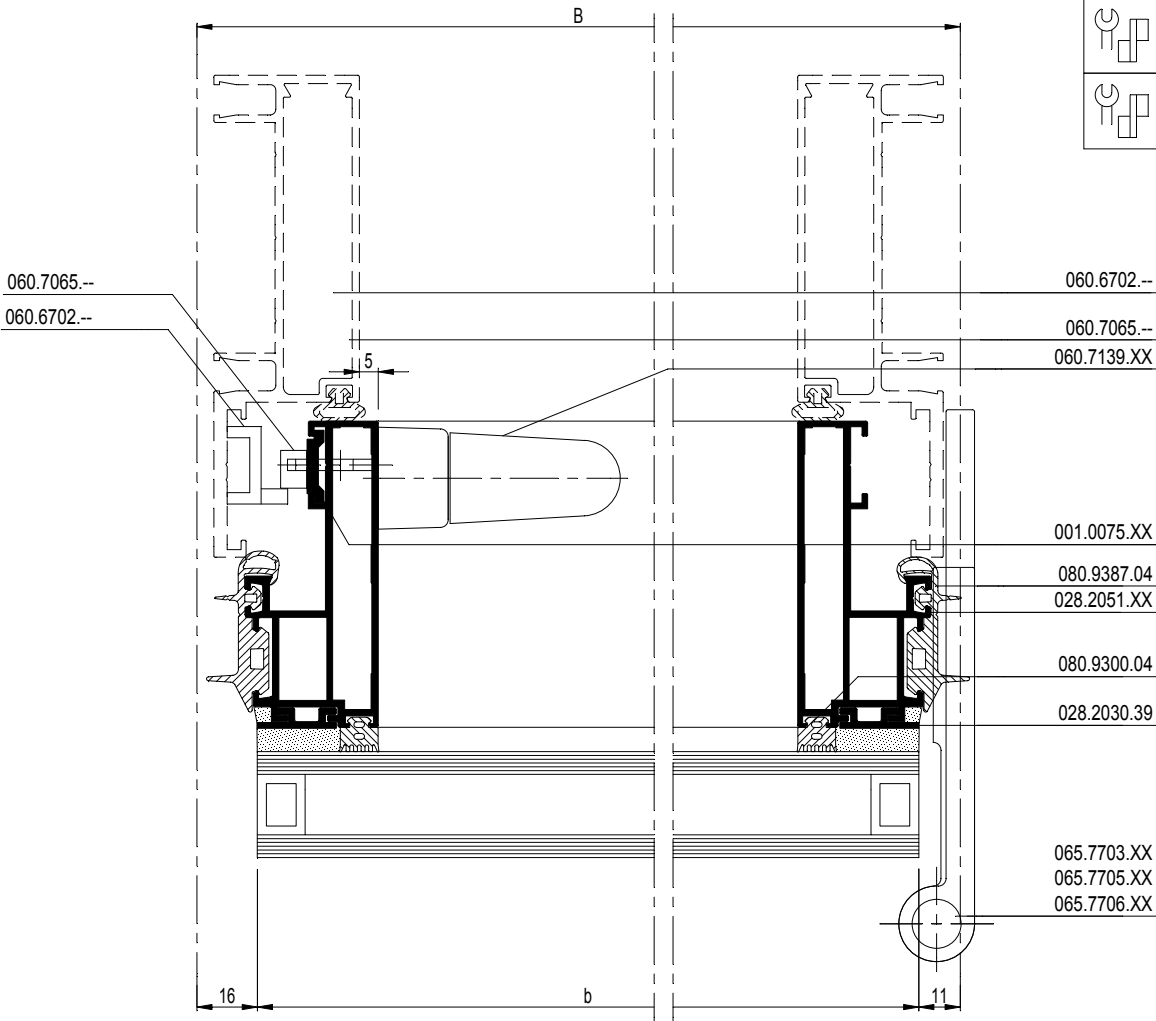
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0655.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048338

		#	
068.6407.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.6702.--		69.F...	69.G...
050.5012.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.8239.39		69.F...	69.G...
of/ou/or/oder			
078.8252.XX		69.F...	69.G...
of/ou/or/oder			
078.8254.XX		69.F...	69.G...
065.7705.XX		1	69.G...
065.7706.XX		1	69.G...
option			
065.7703.XX		1	69.G...

060.7167.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

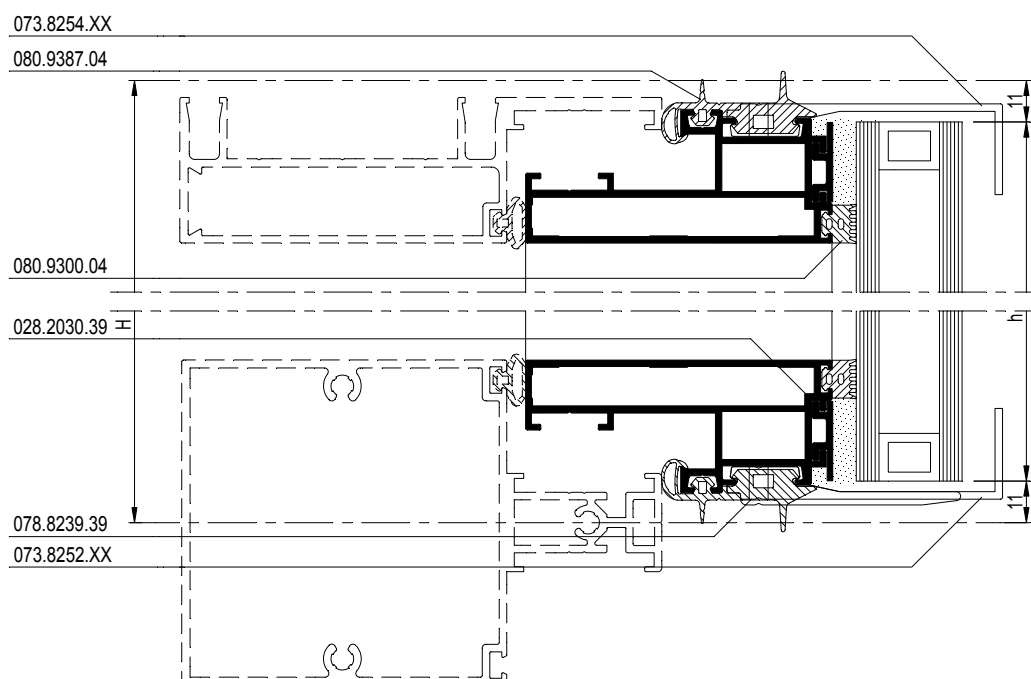
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

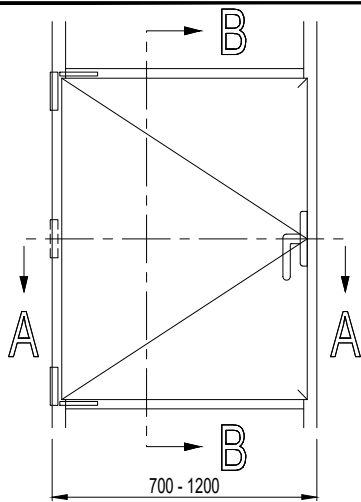
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#	$\leftarrow L_m \rightarrow$	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

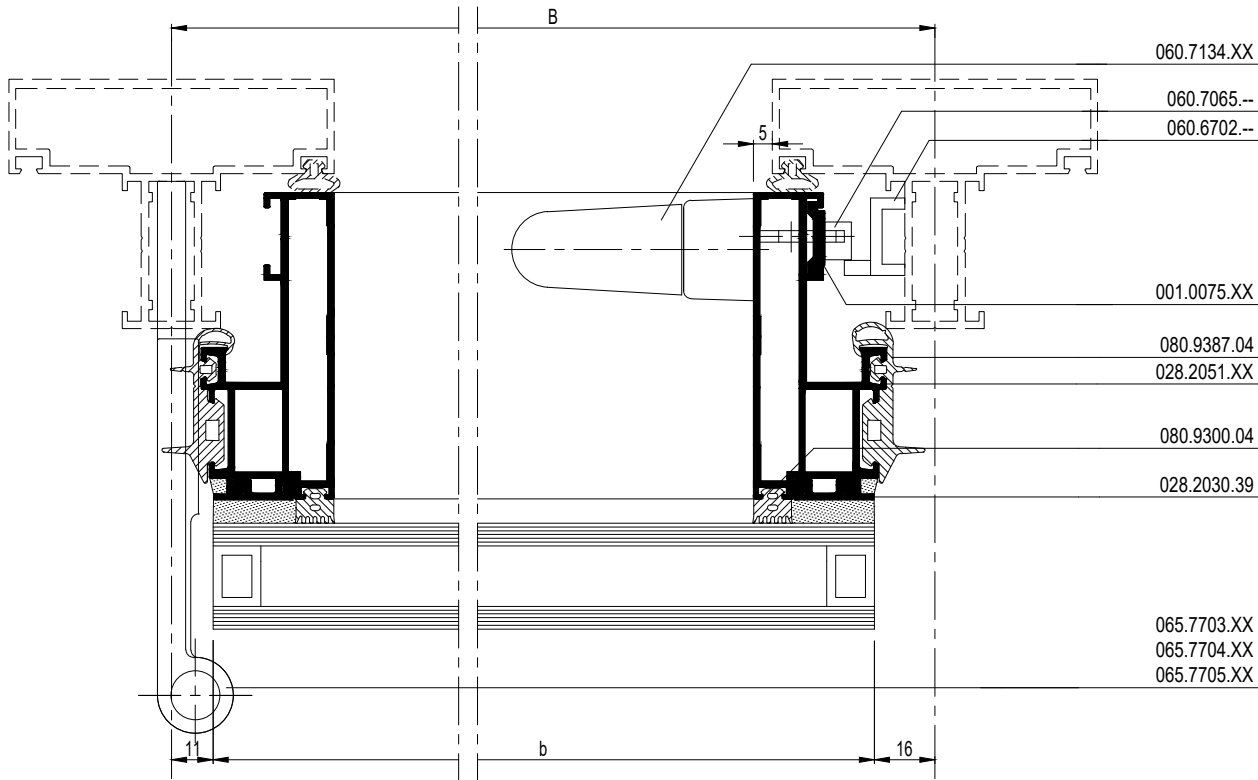
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00

A - A



schaal - échelle
scale - Maßstab
1/2

D00045179

		#	
068.6407.00		4	69.G...

060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.6702.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...

025.1007.07		2	69.G...
052.5316.--		2	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

078.8252.XX		69.F...	69.G...
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of/ou/or/oder

078.8254.XX		69.F...	69.G...
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065.7704.XX		1	69.G...
065.7705.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7167.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

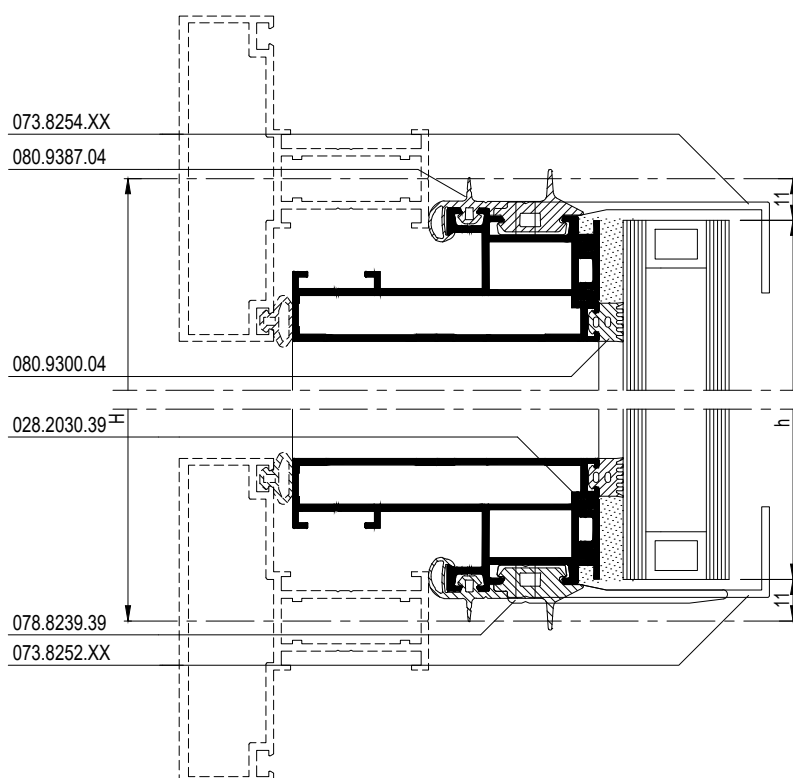
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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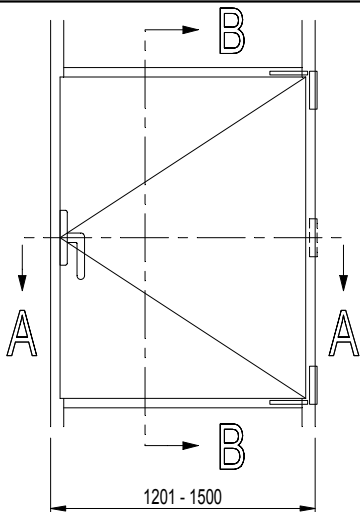
of/ou/or/oder

kaders, cadres, frames, Rahmen			69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

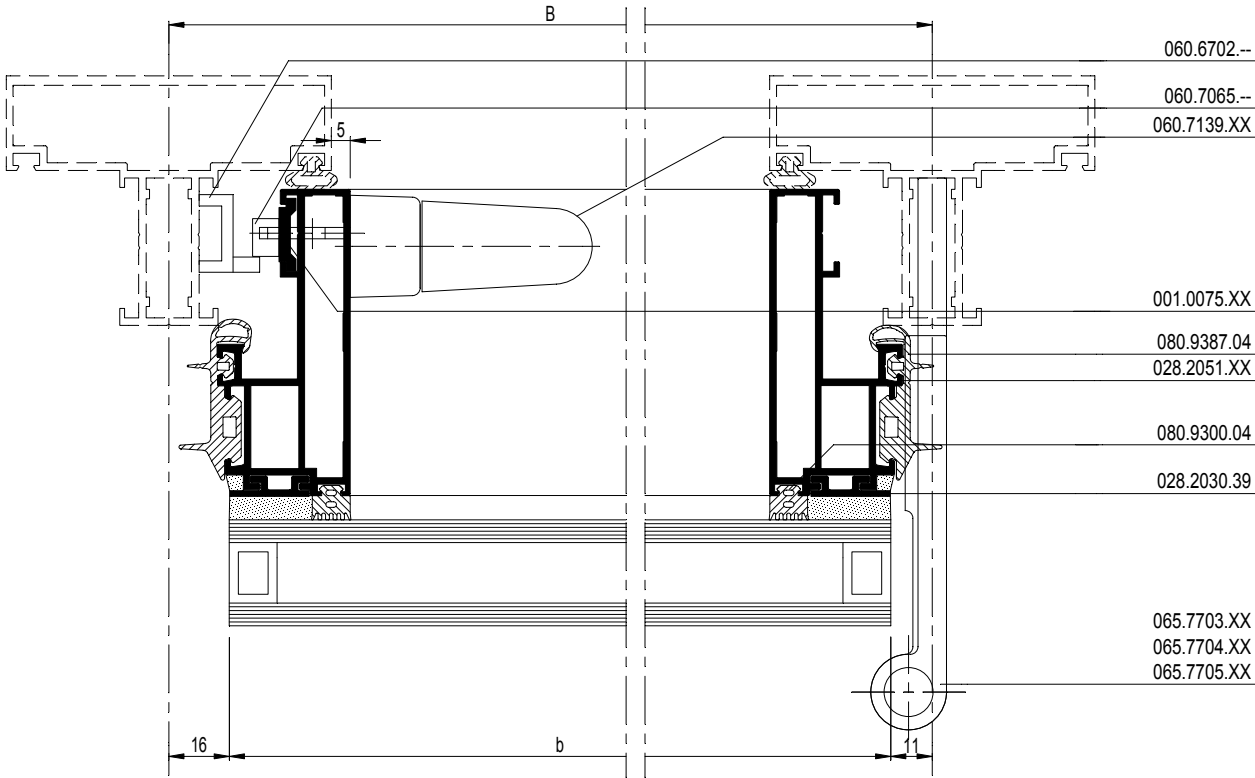
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048339

		#	
068.6407.00		4	69.G...

060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.6702.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...

025.1007.07		2	69.G...
052.5316.--		2	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

078.8252.XX		69.F...	69.G...
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of/ou/or/oder

078.8254.XX		69.F...	69.G...
-------------	---	---------	---------

065.7704.XX		1	69.G...
065.7705.XX		1	69.G...

option

065.7703.XX		1	69.G...
-------------	---	---	---------

060.7167.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

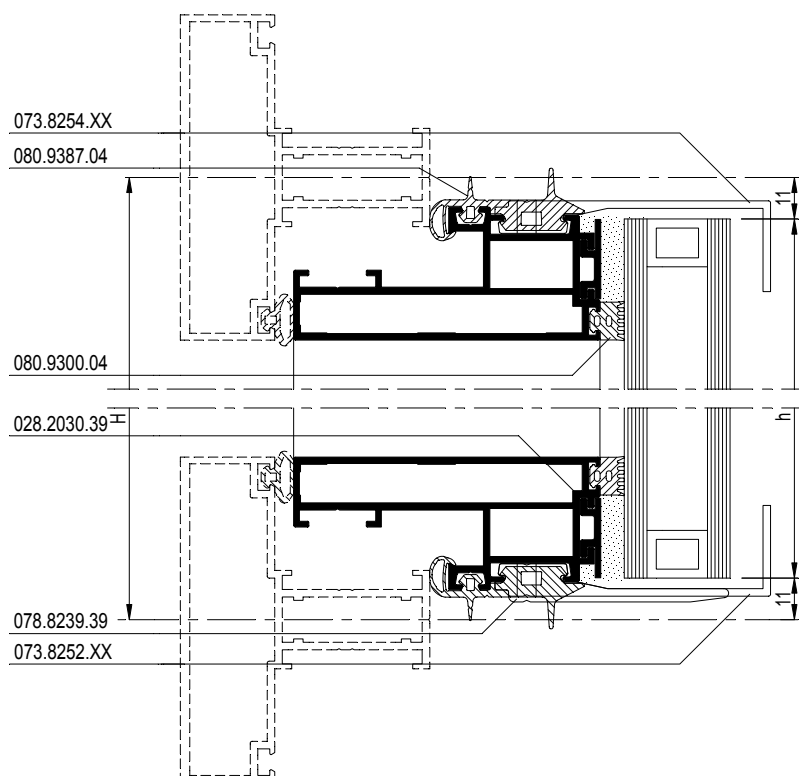
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

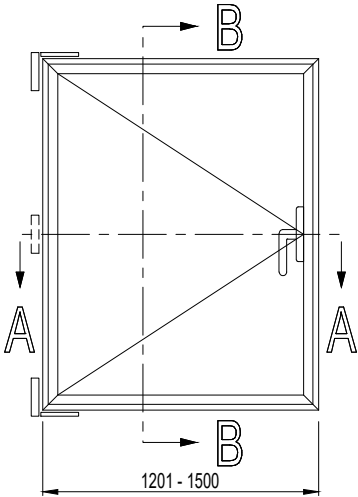
kaders, cadres, frames, Rahmen			69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

D0048339



b = B - 27
h = H - 22

			#	$\leftarrow L_m \rightarrow$	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

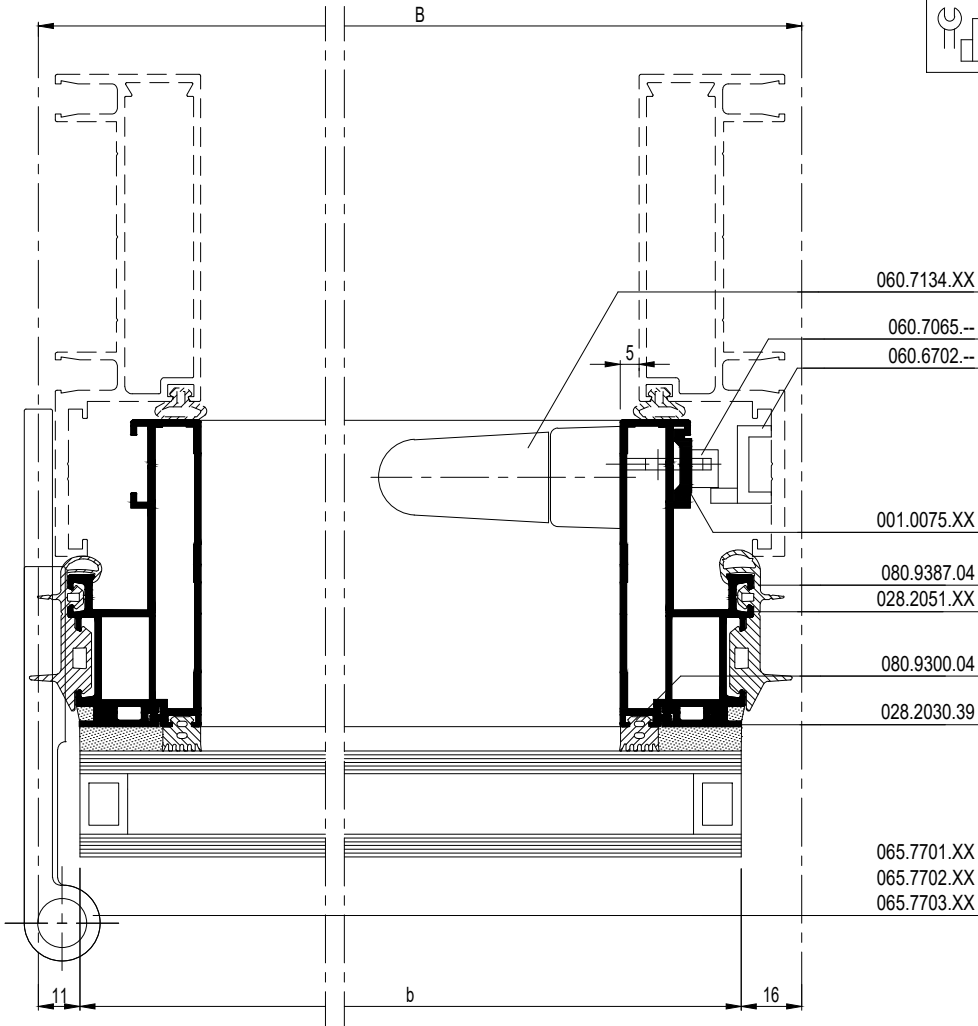
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00



schaal - échelle
scale - Maßstab
1/2

D0045192

		#	
068.6407.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
050.5161.--		1	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...

of/ou/or/oder

of/ou/or/oder

065.7701.XX		1	69.G...
065.7702.XX		1	69.G...

option

065.7703.XX		1	69.G...
-------------	---	---	---------

060.7168.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

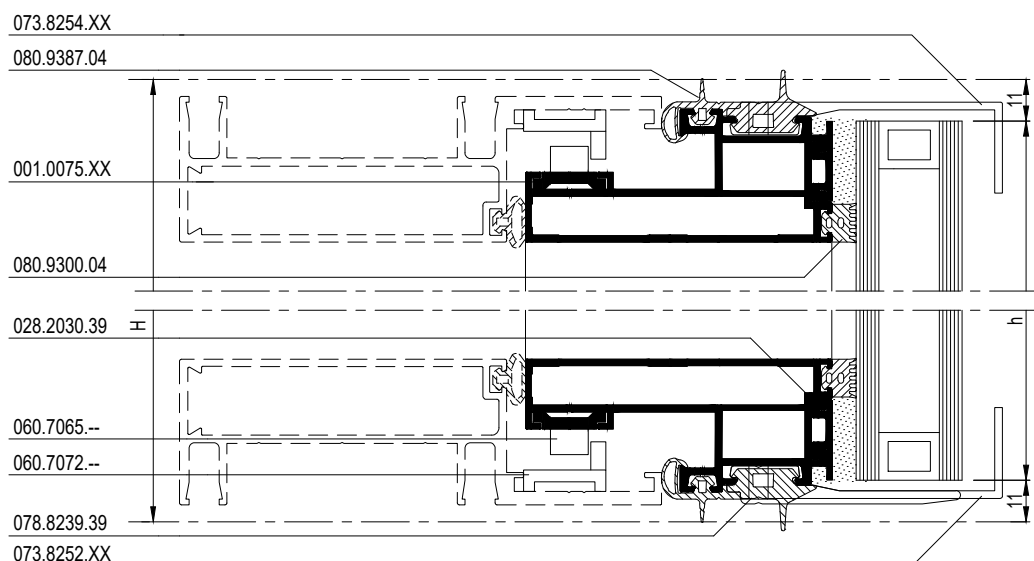
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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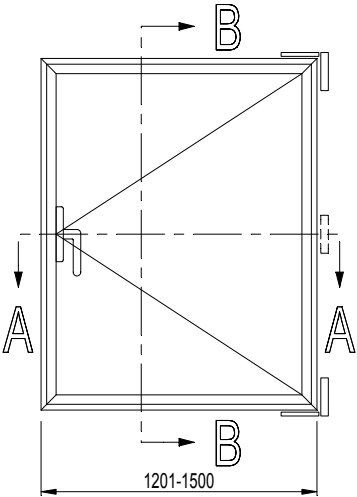
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#	L_m	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

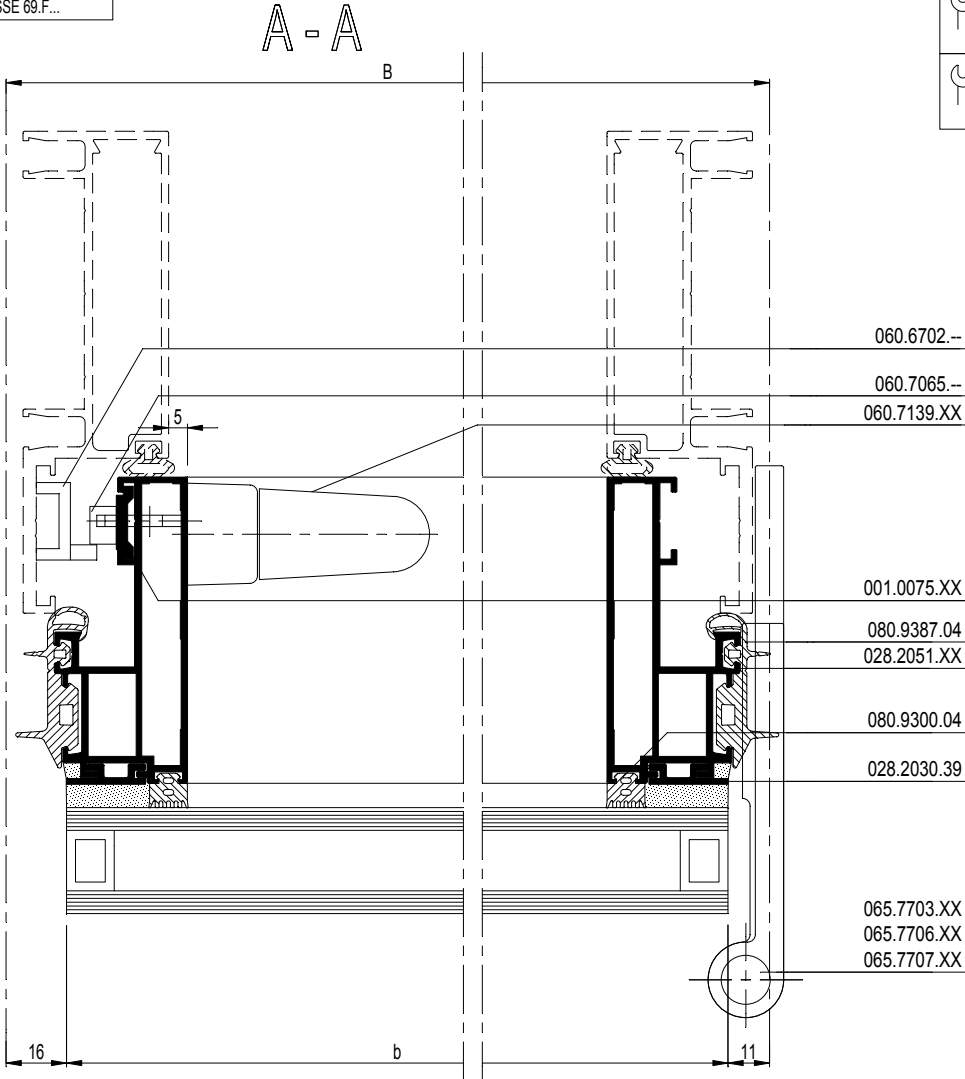
of/ou/or/oder

028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00



schaal - échelle
scale - Maßstab
1/2

D0045198

		#	
068.6407.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
050.5161.--		1	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...

of/ou/or/oder

of/ou/or/oder

065.7706.XX		1	69.G...
065.7707.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7168.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

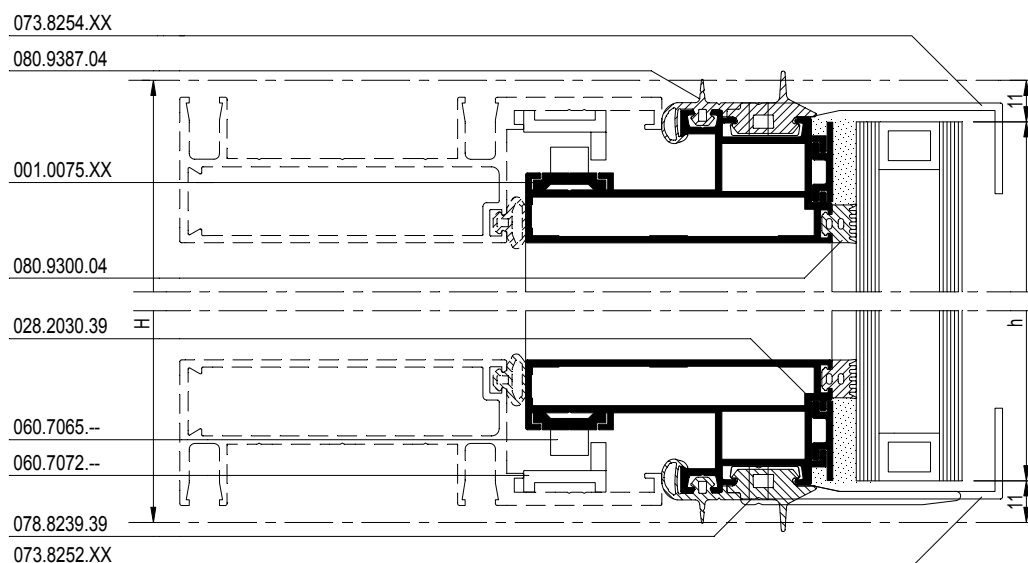
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

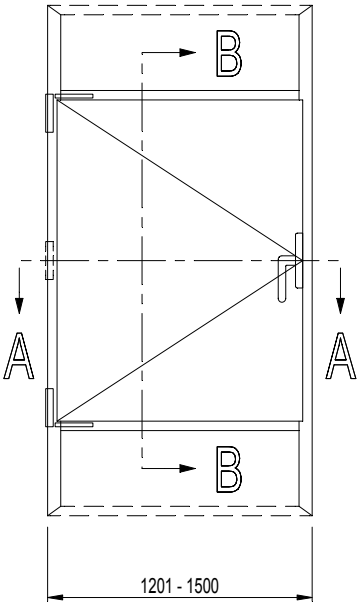
kaders, cadres, frames, Rahmen		69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

D0045198



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

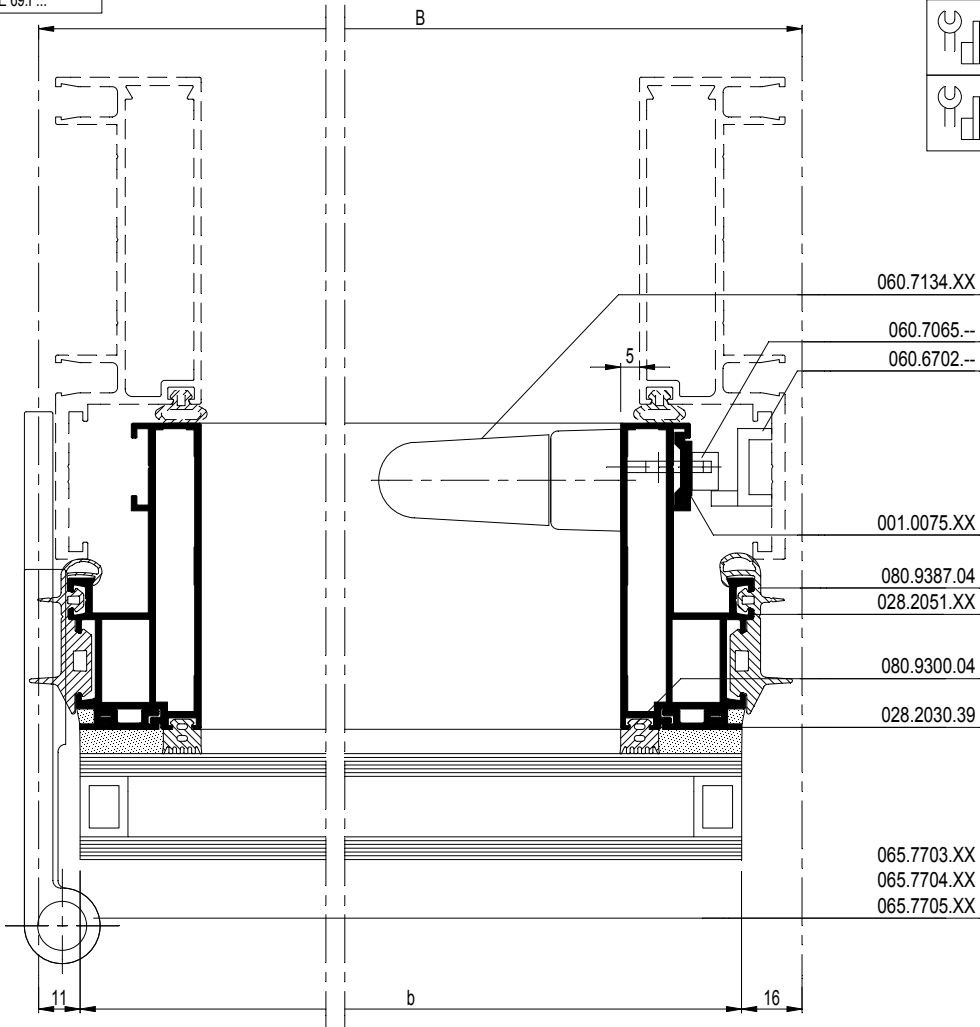
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D0045186

		#	
068.6407.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
052.5332.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
052.5331.--		1	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...

of/ou/or/oder

of/ou/or/oder

065.7704.XX		1	69.G...
065.7705.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

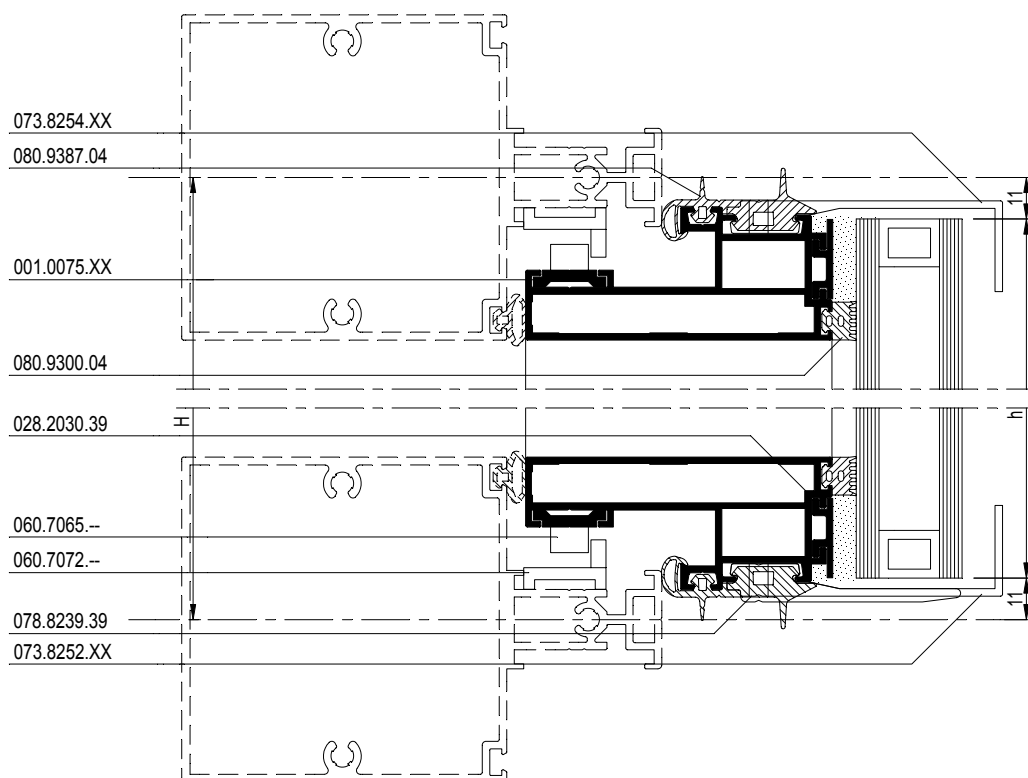
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

of/ou/or/oder

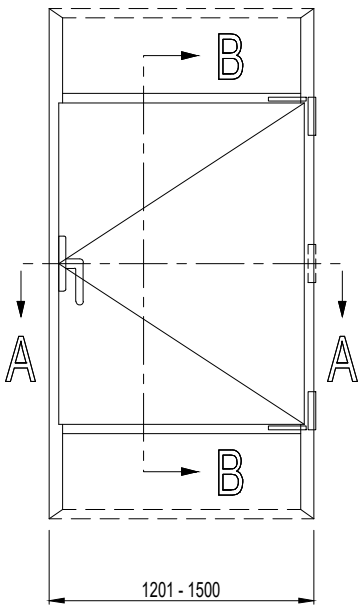
kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

D0045186



b = B - 27
h = H - 22

			#	$\leftarrow L_m \rightarrow$	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

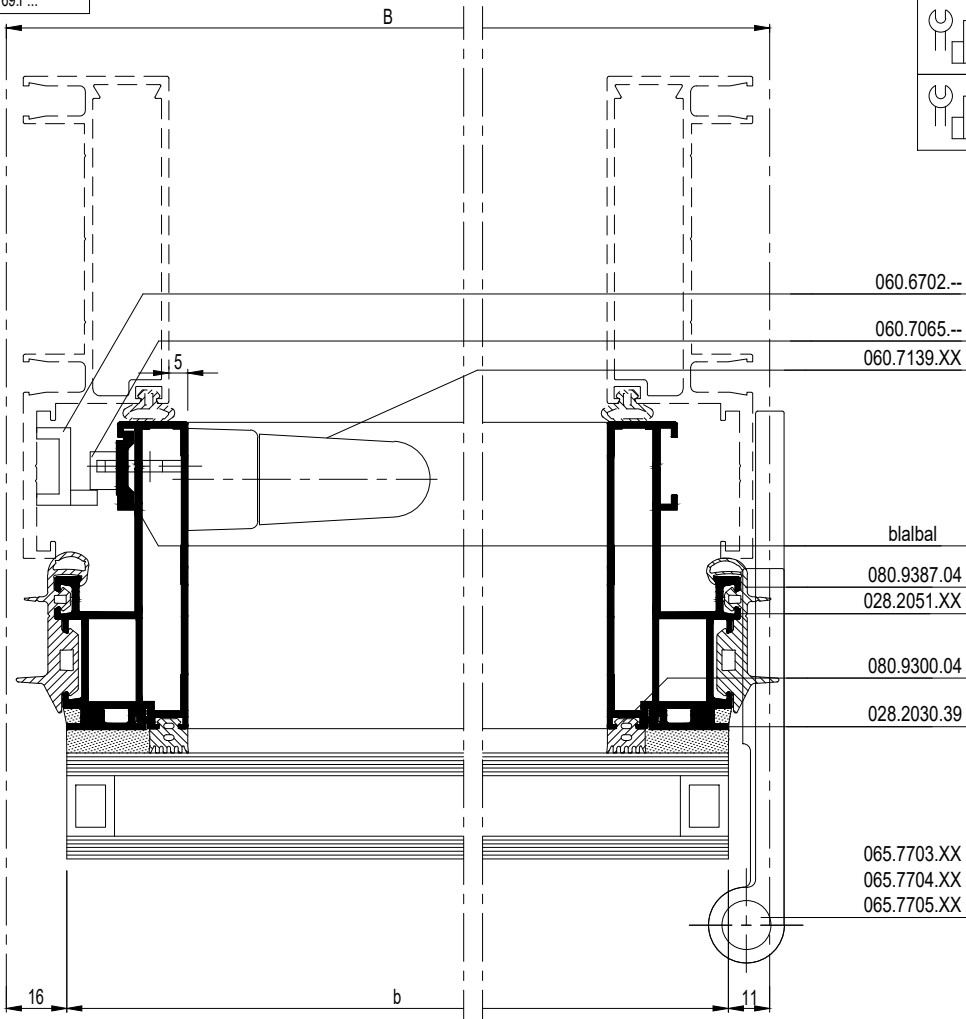
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D0048340

		#	
068.6407.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
052.5332.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
052.5331.--		1	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...

of/ou/or/oder

of/ou/or/oder

065.7704.XX		1	69.G...
065.7705.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7168.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

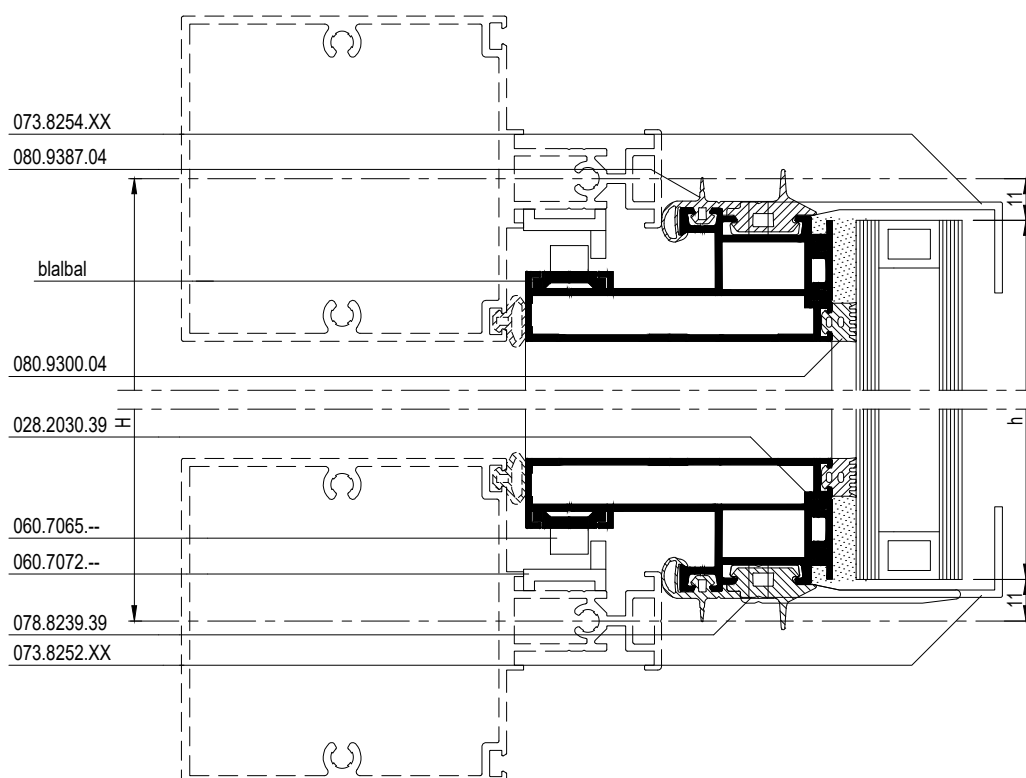
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

of/ou/or/oder

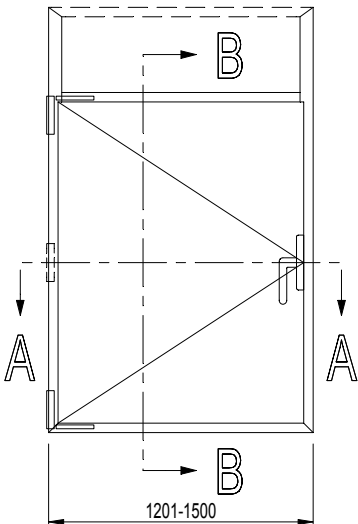
kaders, cadres, frames, Rahmen			69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

D0048340



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

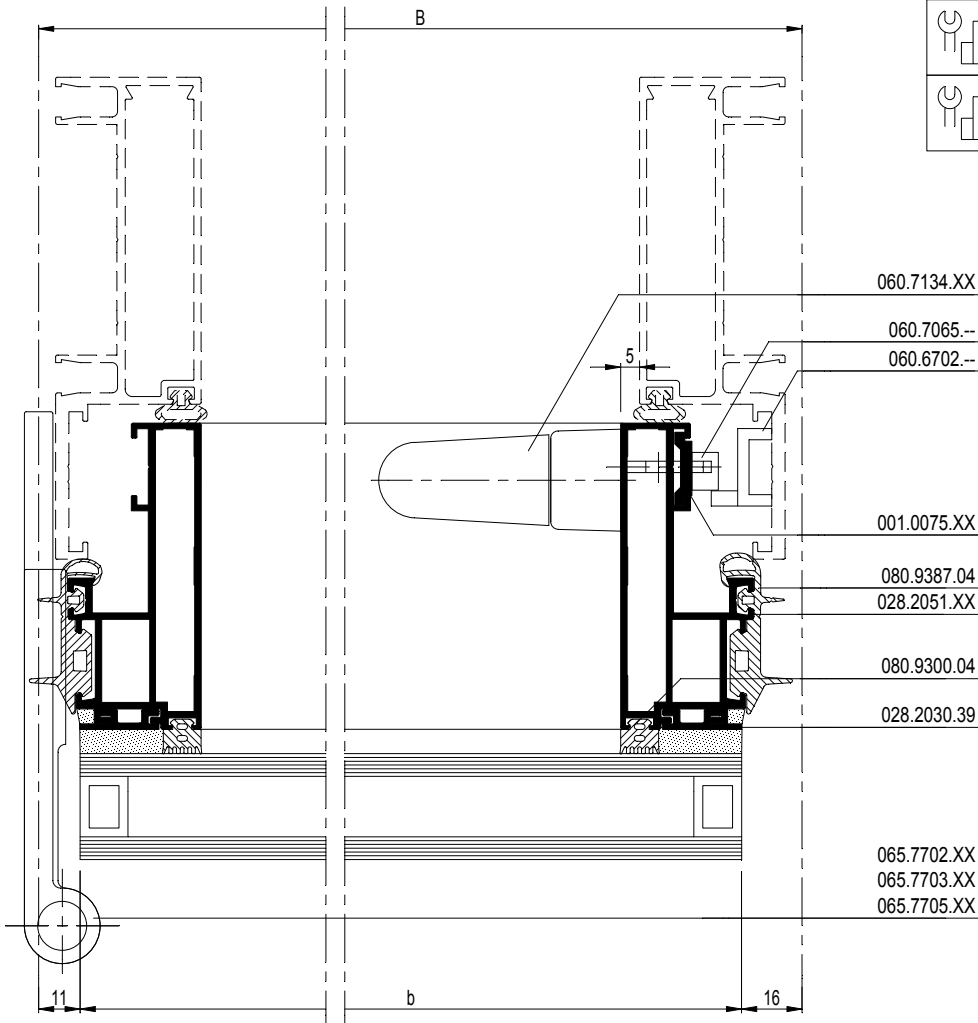
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0654.00



schaal - échelle
scale - Maßstab
1/2

D0048341

		#	
068.6407.00		4	69.G...

060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
050.5161.--		1	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

078.8252.XX		69.F...	69.G...
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of/ou/or/oder

078.8254.XX		69.F...	69.G...
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065.7702.XX		1	69.G...
065.7705.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		7	69.G...
057.5713.--		3	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

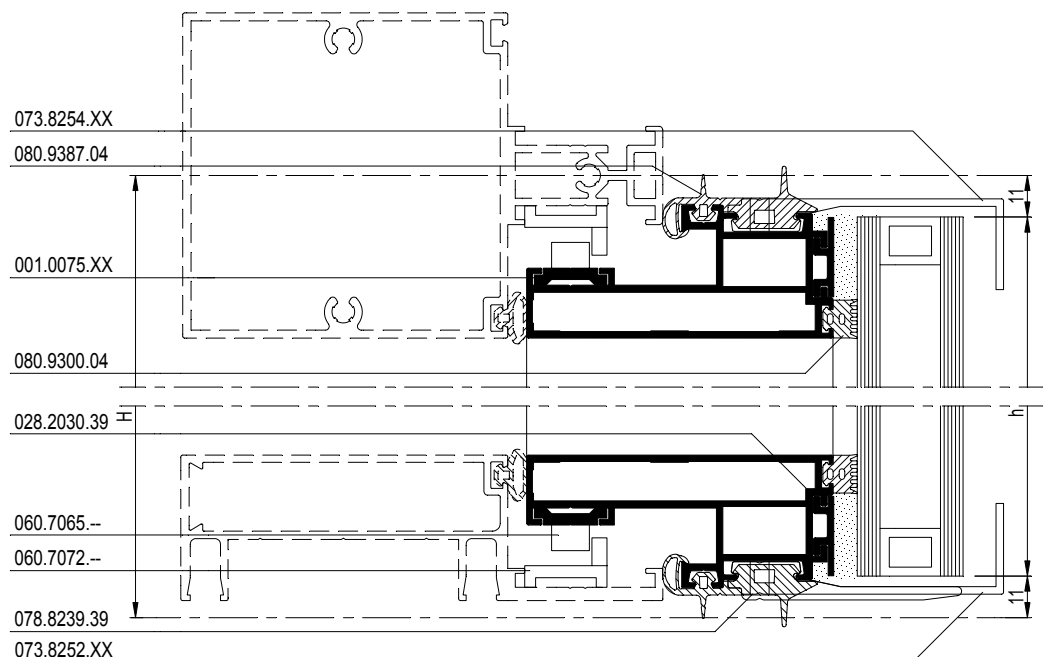
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

of/ou/or/oder

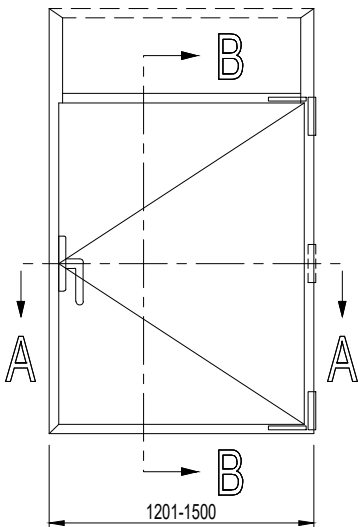
kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
 scale - Maßstab
 1/2

00048341



b = B - 27
h = H - 22

			#	Lm	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

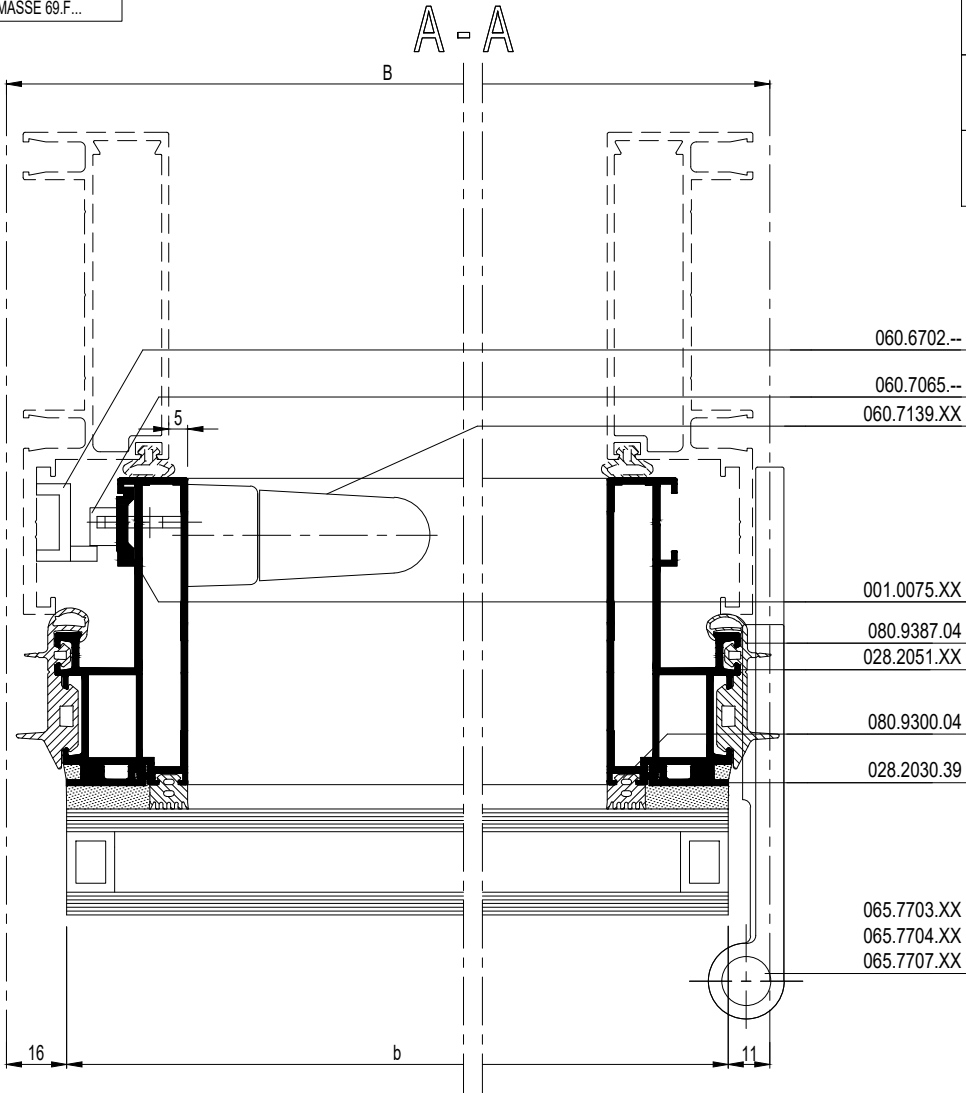
of/ou/or/oder

028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen		69.F...
Fabrication et montage		
Assembly drawings		
Montagezeichnungen		

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0654.00



schaal - échelle
scale - Maßstab
1/2

D0048342

		#	
068.6407.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
050.5161.--		1	69.G...
073.8239.39		69.F...	69.G...
of/ou/or/oder			
078.8252.XX		69.F...	69.G...
of/ou/or/oder			
078.8254.XX		69.F...	69.G...

065.7704.XX		1	69.G...
065.7707.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		7	69.G...
057.5713.--		3	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

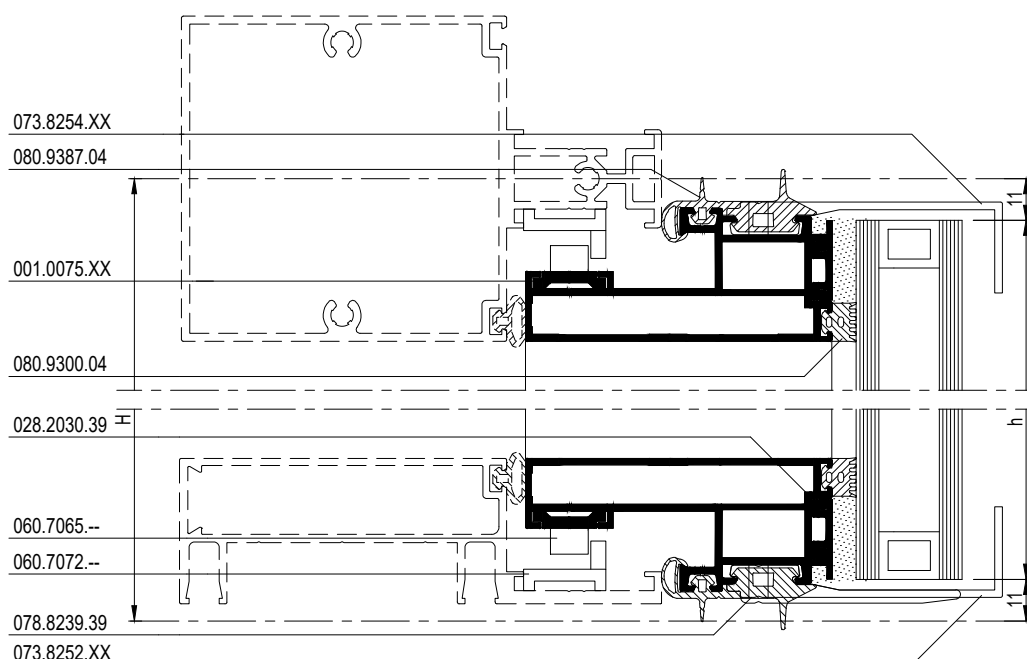
080.9301.04		(2xH)+(2xB)	69.G...
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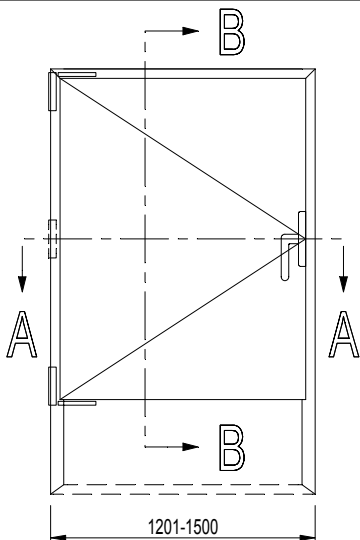
080.9387.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B





b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

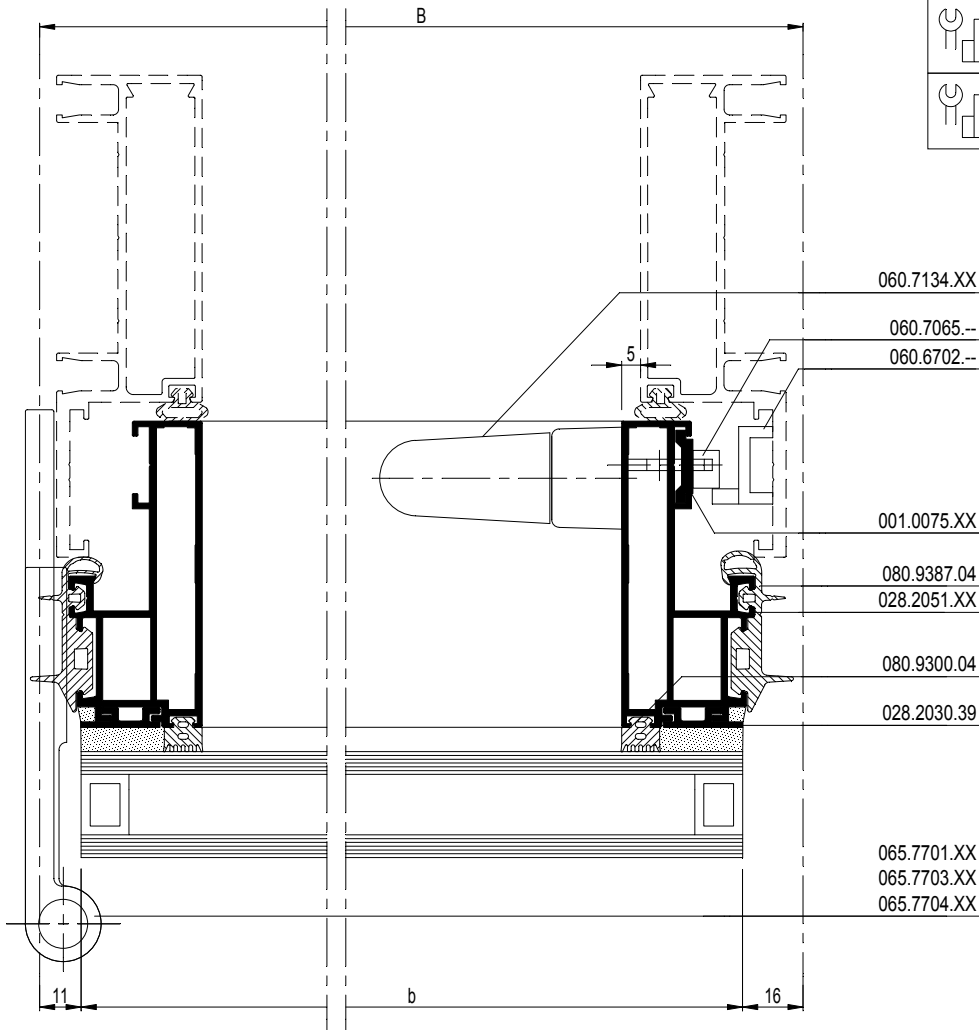
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D0048343

		#	
068.6407.00		4	69.G...

060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
050.5161.--		1	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

078.8252.XX		69.F...	69.G...
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of/ou/or/oder

078.8254.XX		69.F...	69.G...
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065.7701.XX		1	69.G...
065.7704.XX		1	69.G...

option

065.7703.XX		1	69.G...
-------------	---	---	---------

060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		7	69.G...
057.5713.--		3	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

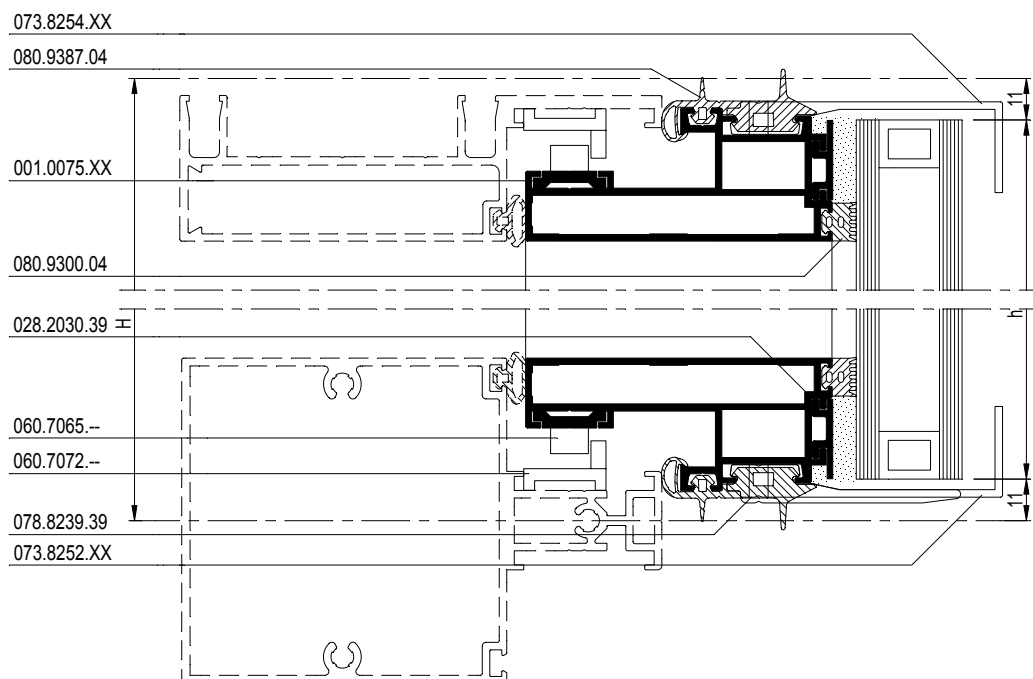
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

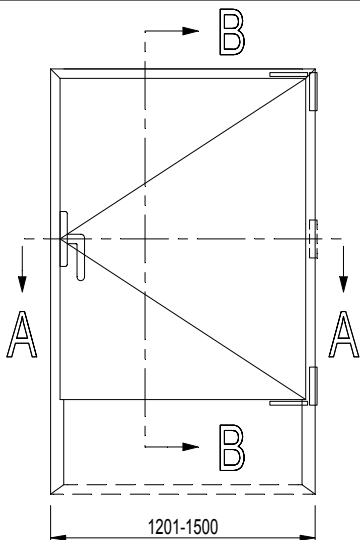
kaders, cadres, frames, Rahmen			69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

D0048343



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

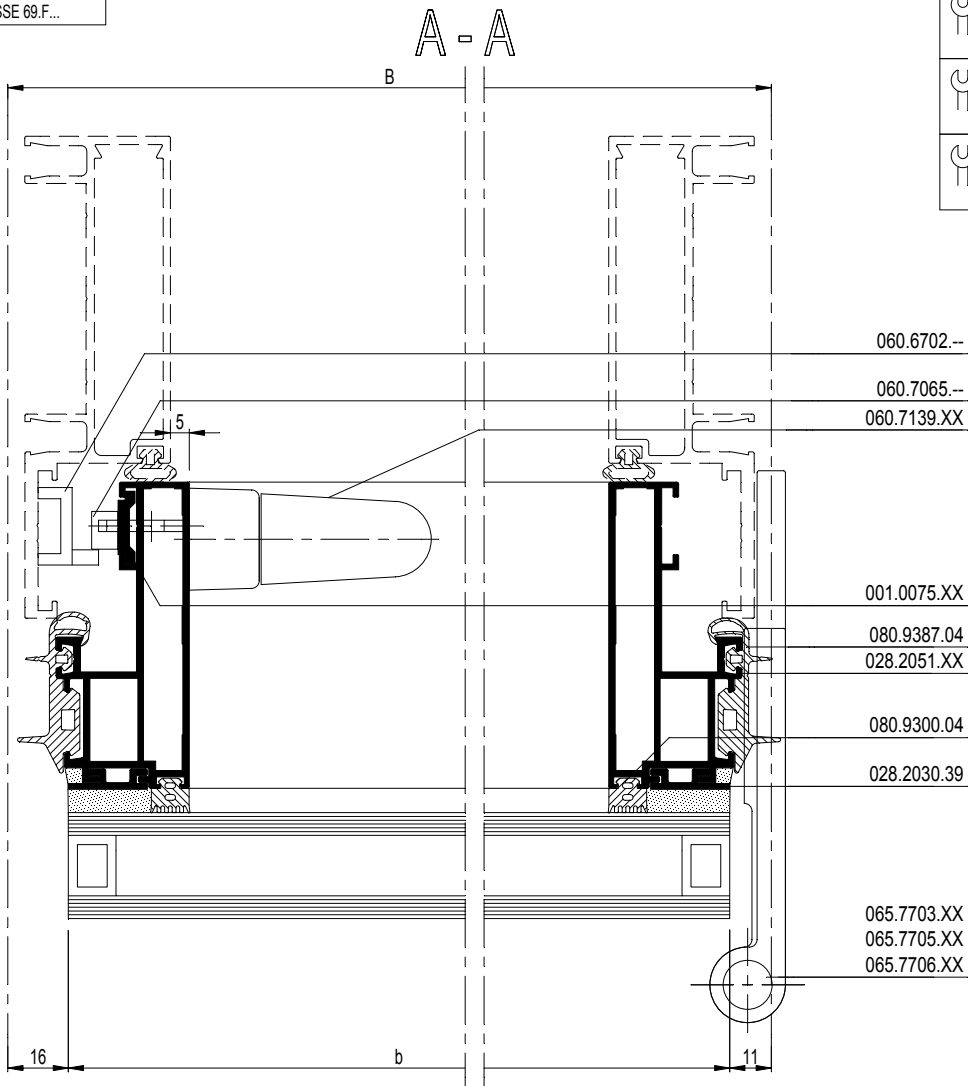
of/ou/or/oder

028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D0048344

		#	
068.6407.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
050.5130.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
050.5131.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
050.5161.--		1	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...

of/ou/or/oder

of/ou/or/oder

065.7705.XX		1	69.G...
065.7706.XX		1	69.G...

option

065.7703.XX		1	69.G...
-------------	---	---	---------

060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		7	69.G...
057.5713.--		3	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

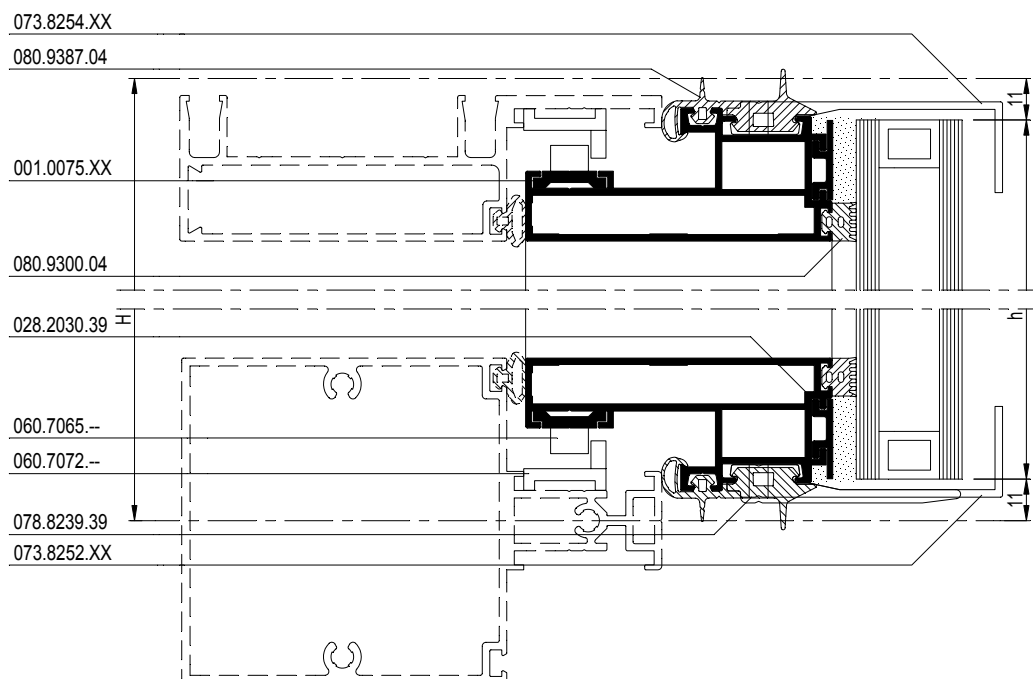
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

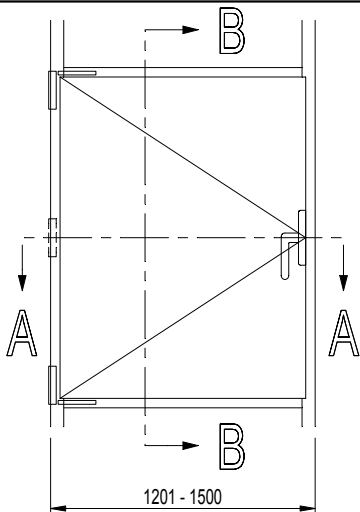
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

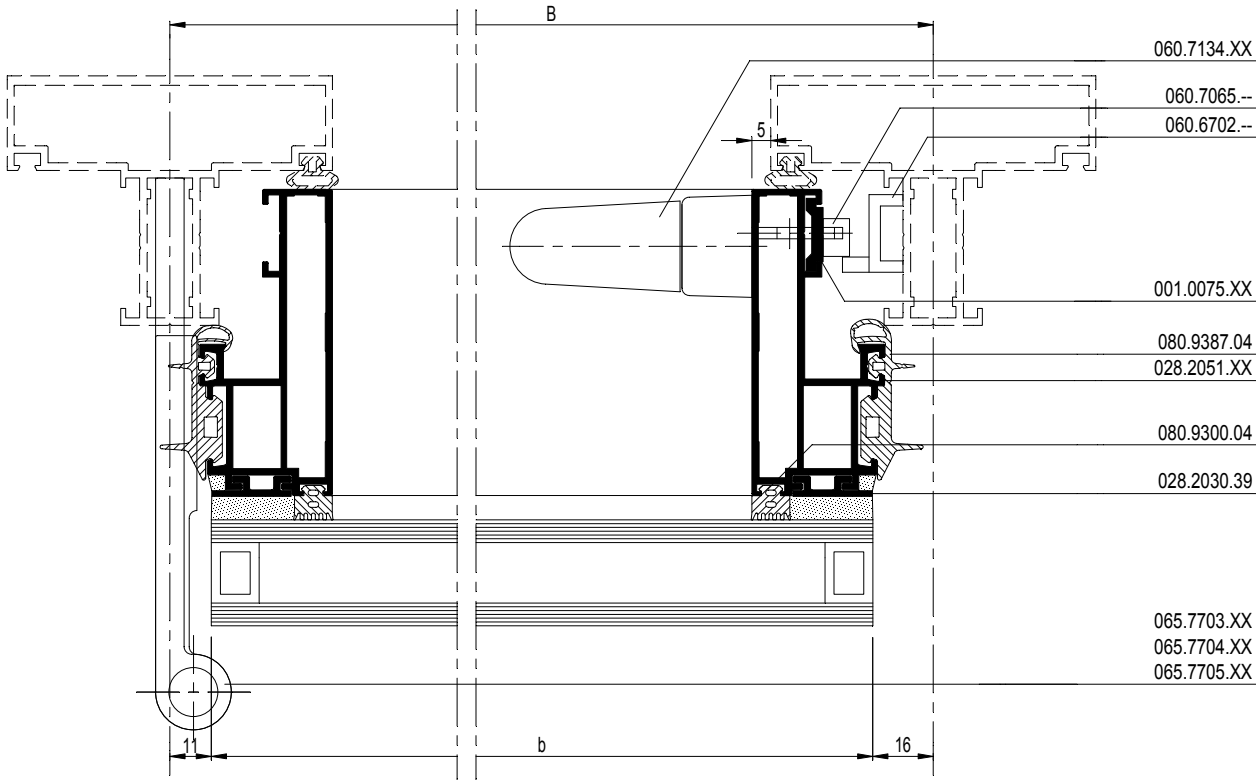
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0045180

		#	
068.6407.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
052.5332.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
052.5331.--		1	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...

of/ou/or/oder

of/ou/or/oder

065.7704.XX		1	69.G...
065.7705.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...
057.5713.--		6	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

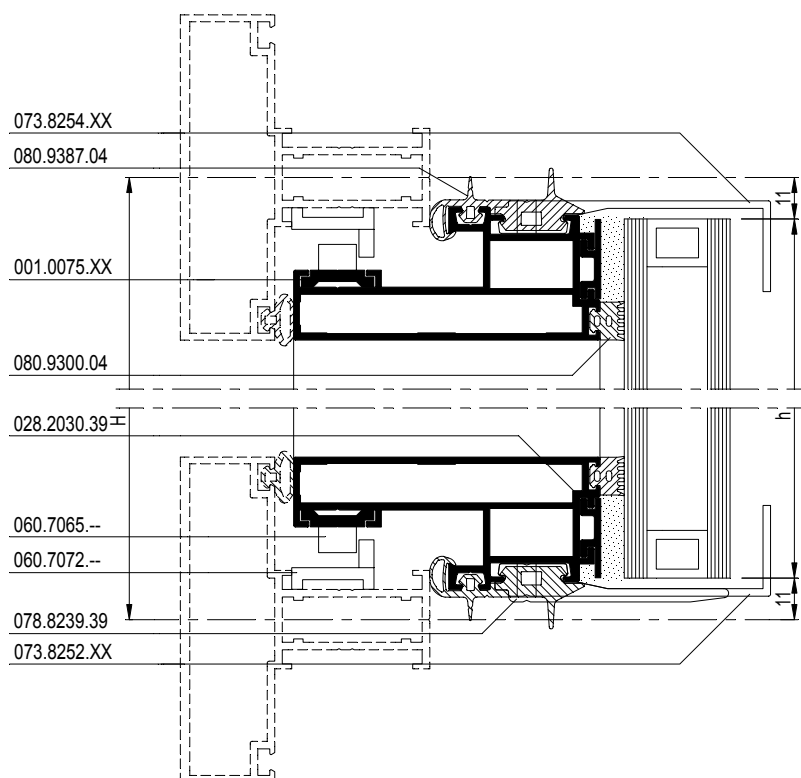
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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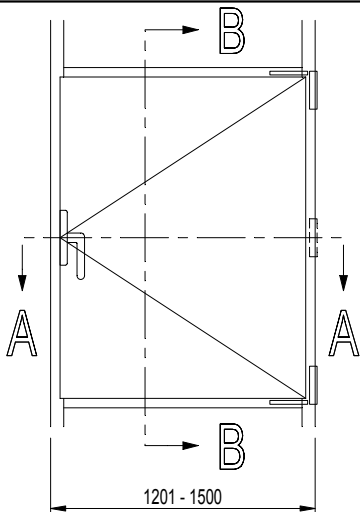
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#	L_m	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
028.2030.39			2	B - 21	69.C...
			2	H - 16	
028.2031.39			2	B - 21	69.C...
			2	H - 16	

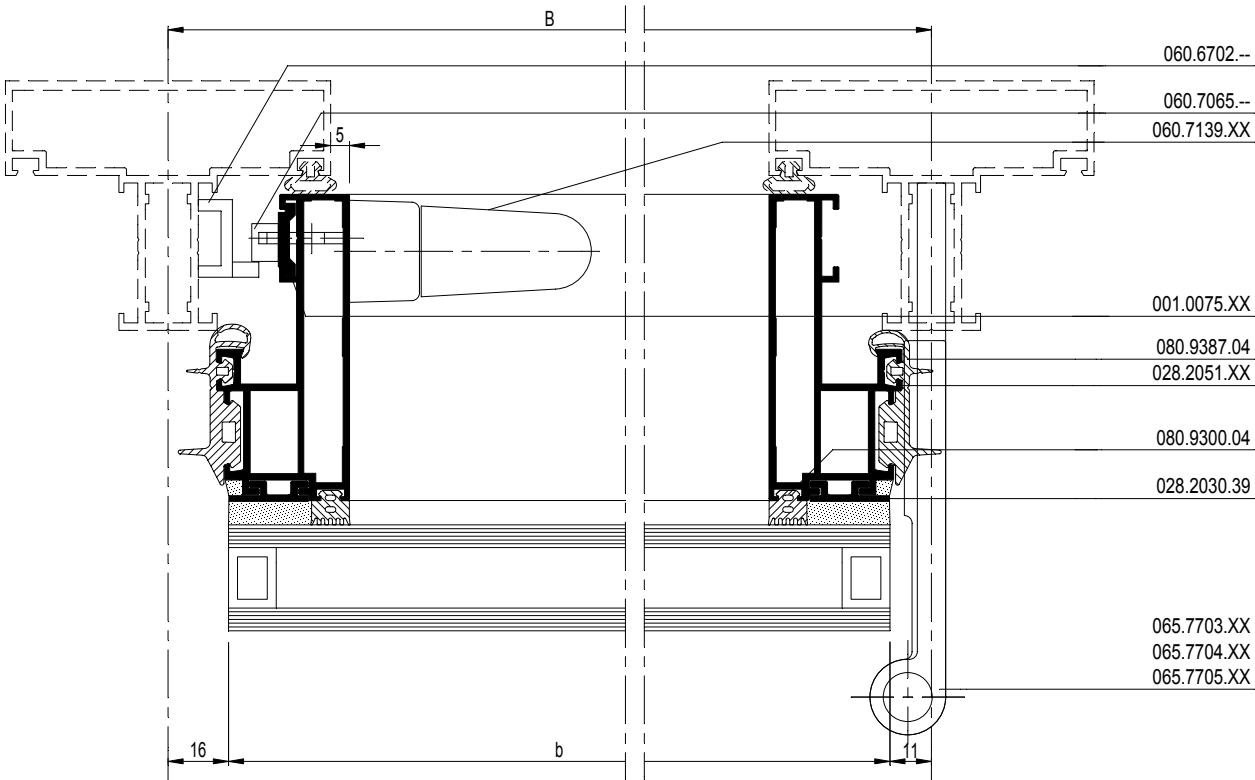
of/ou/or/oder

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00

A - A



schaal - échelle
scale - Maßstab
1/2

D0048345

		#	
068.6407.00		4	69.G...
060.7139.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7072.--		69.F...	69.G...
052.5332.--		69.F...	69.G...
060.6702.--		69.F...	69.G...
052.5331.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		2	69.G...
069.6822.07		1	69.G...
052.5331.--		1	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...

of/ou/or/oder

of/ou/or/oder

065.7704.XX		1	69.G...
065.7705.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7168.--		2	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...
057.5713.--		6	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

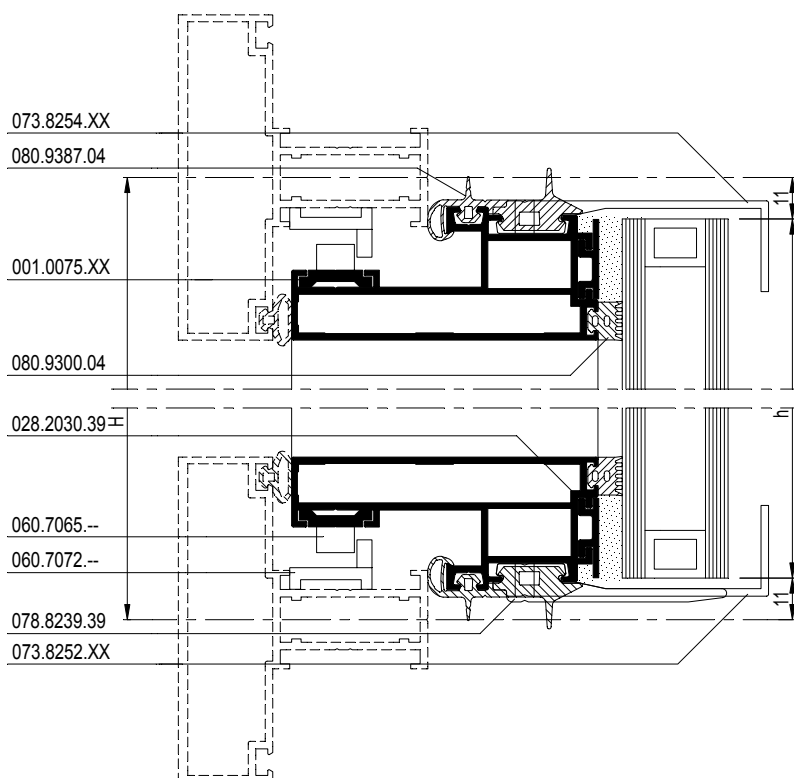
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

of/ou/or/oder

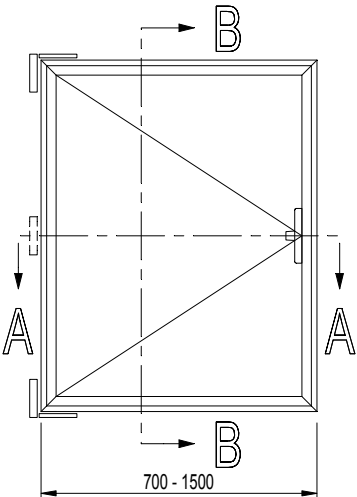
kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

D0048345



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
007.0151.XX			1	69.F...	69.C...
028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

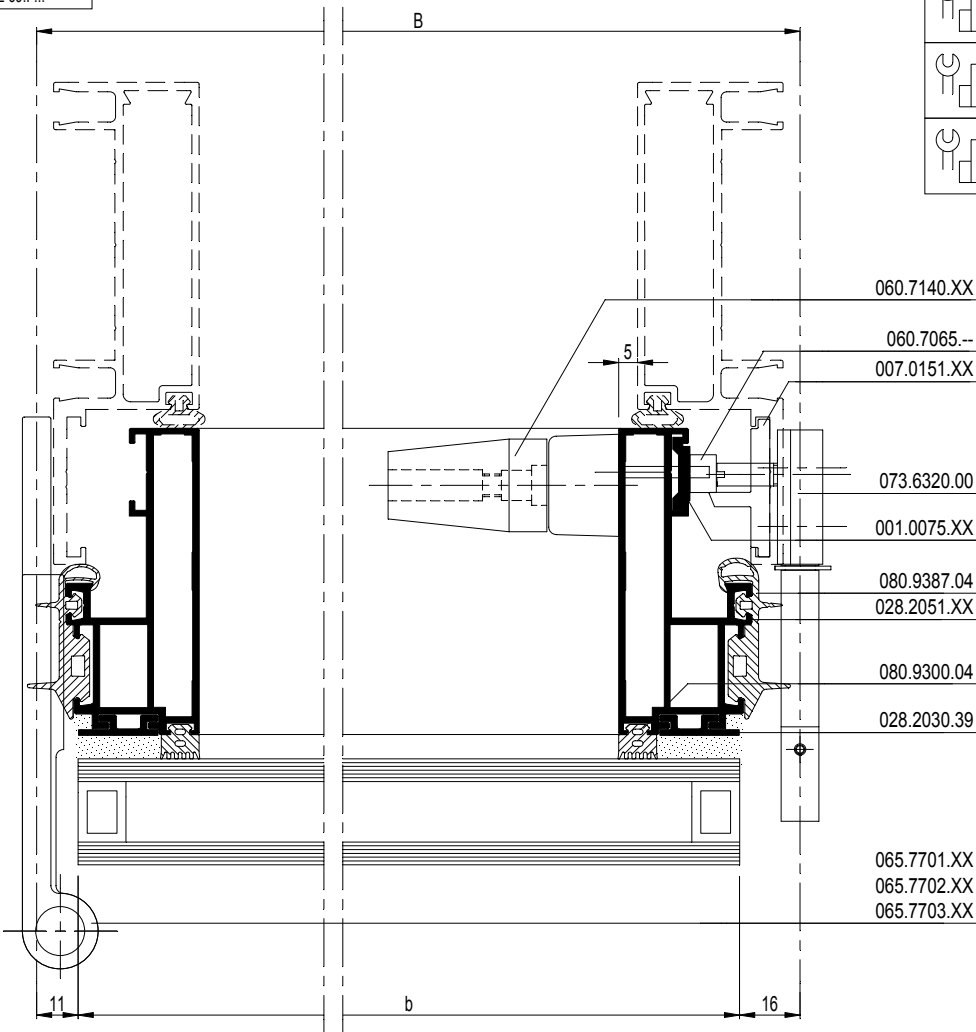
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00



schaal - échelle
scale - Maßstab
1/2

D0045193

		#	
068.6407.00		4	69.G...
060.7140.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...
065.7701.XX		1	69.G...
065.7702.XX		1	69.G...
option			
065.7703.XX		1	69.G...

of/ou/or/oder

of/ou/or/oder

060.7165.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

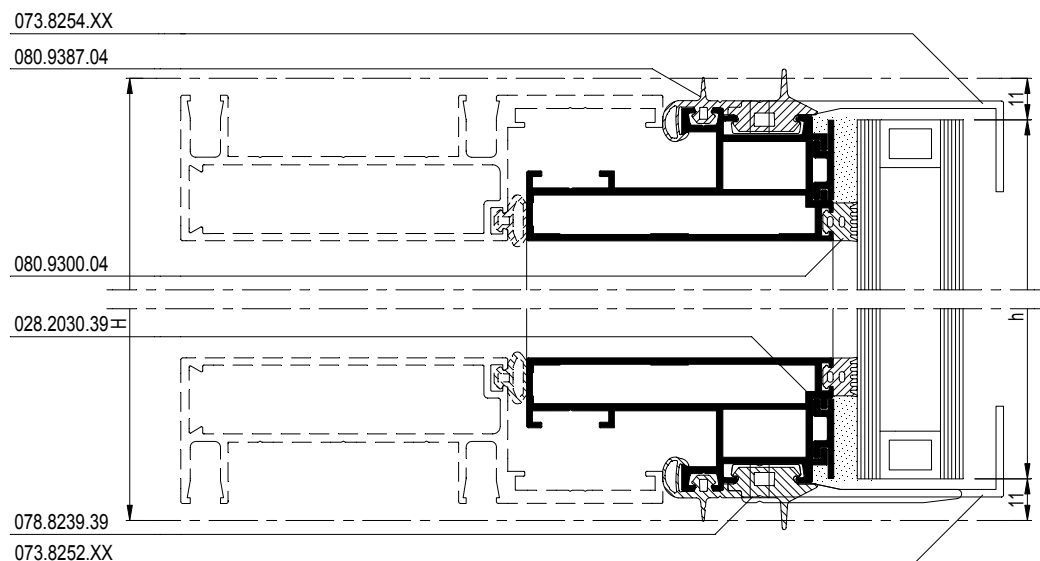
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

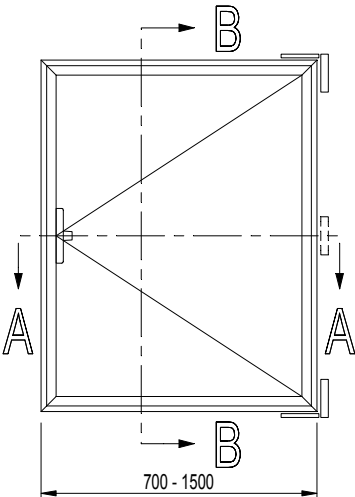
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
007.0151.XX			1	69.F...	69.C...
028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

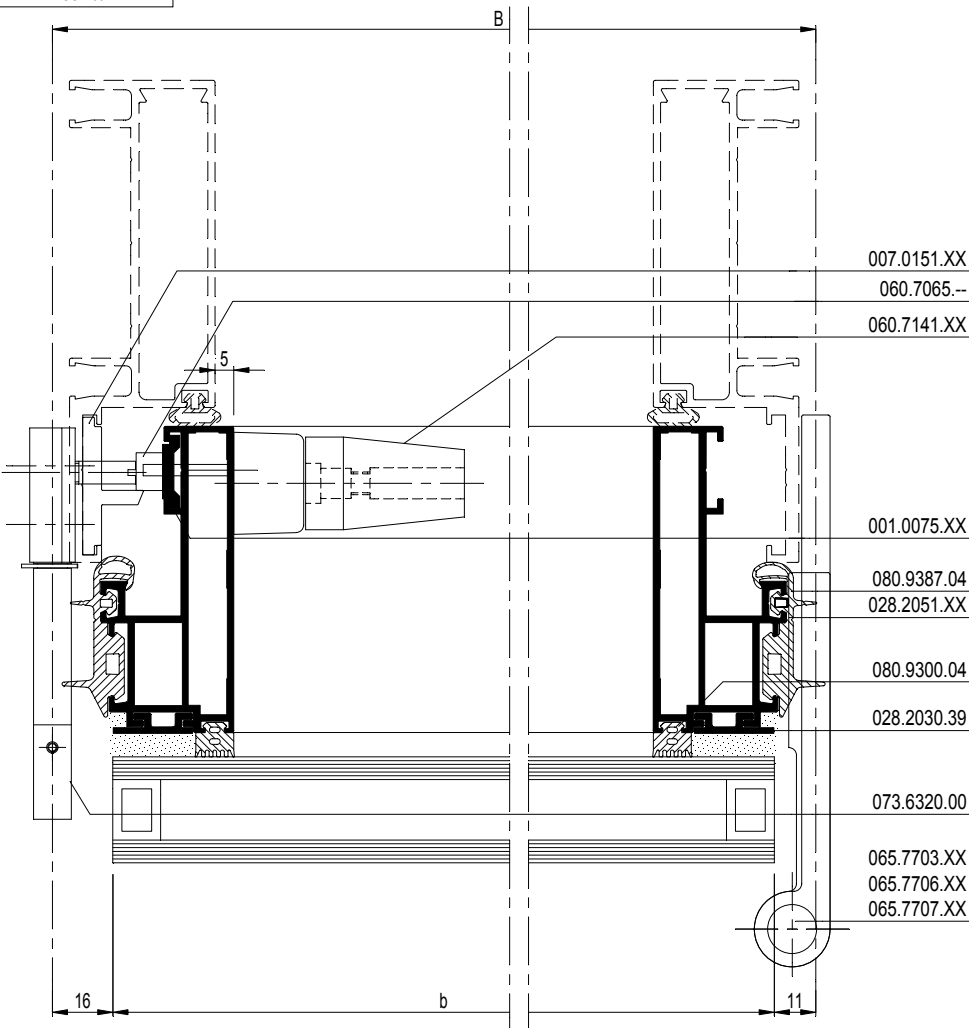
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00



schaal - échelle
scale - Maßstab
1/2

D0045199

		#	
068.6407.00		4	69.G...
060.7141.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...
065.7706.XX		1	69.G...
065.7707.XX		1	69.G...
option			
065.7703.XX		1	69.G...

of/ou/or/oder

of/ou/or/oder

060.7165.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

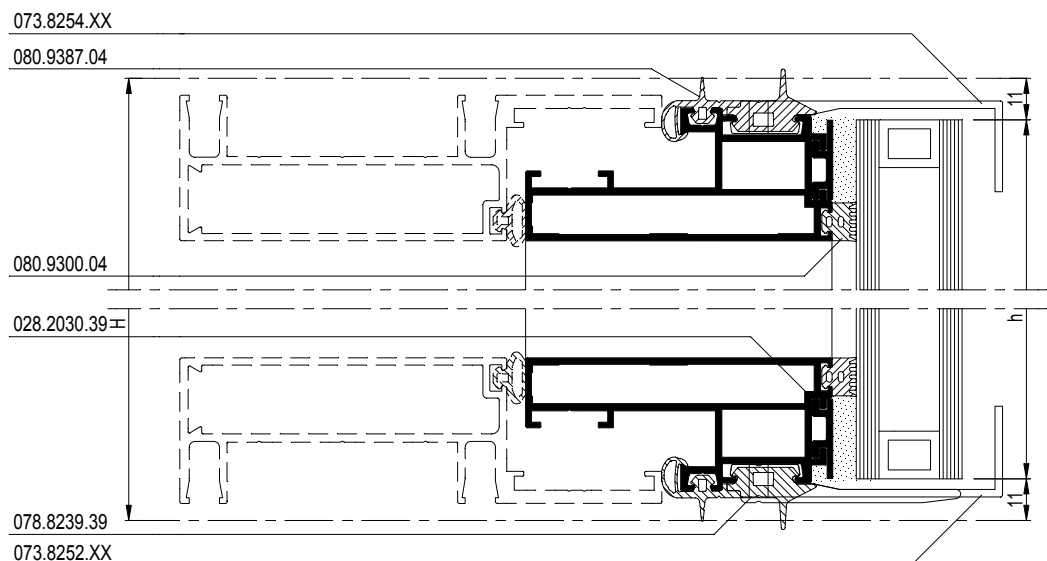
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

of/ou/or/oder

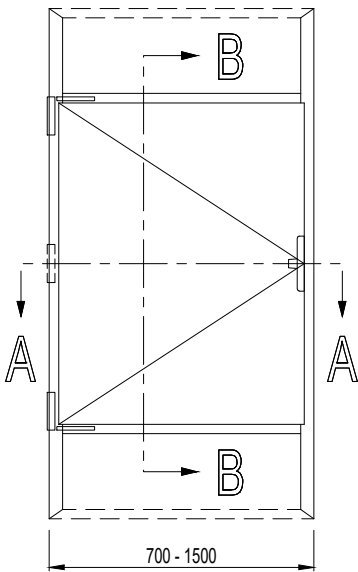
kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

D0045199



b = B - 27
h = H - 22

			#	Lm	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
007.0151.XX			1	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

028.2031.39			2	B - 21	69.C...
			2	H - 16	

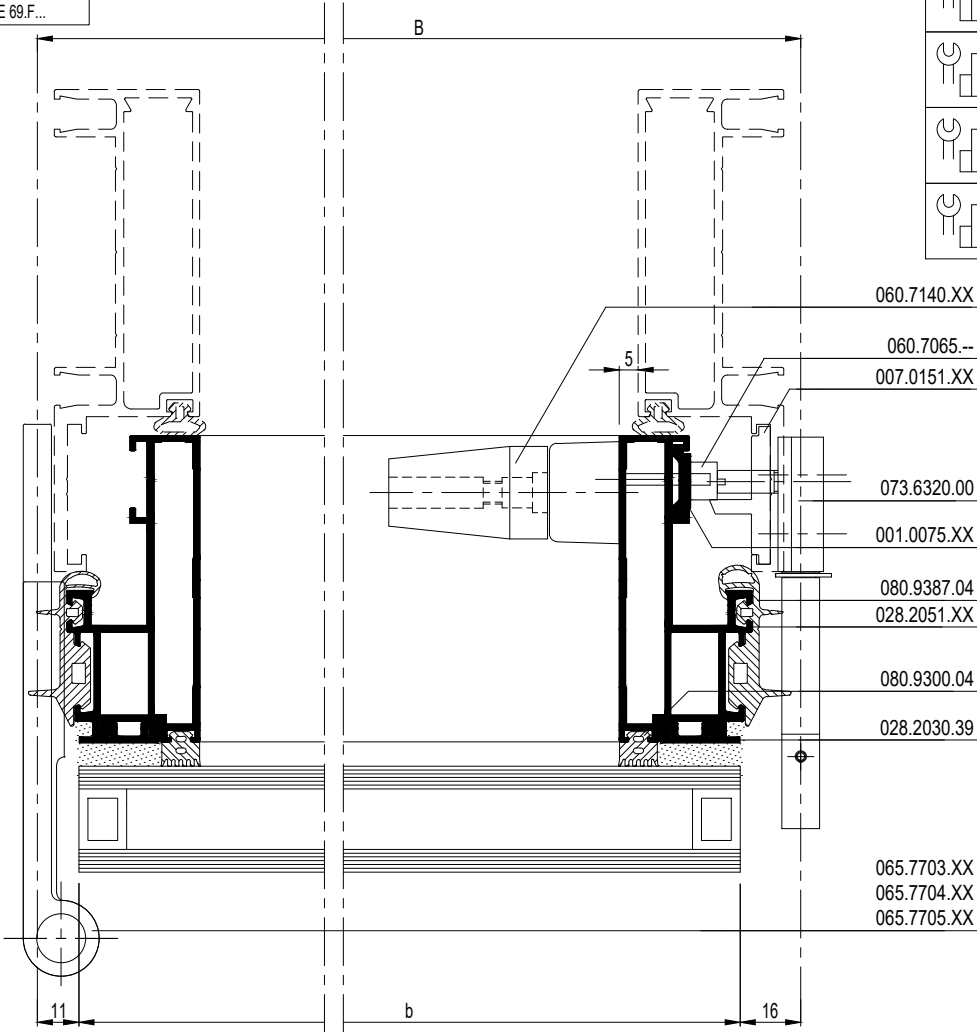
Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

69.F...

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D00045187

		#	
068.6407.00		4	69.G...
060.7140.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
073.8239.39		69.F...	69.G...
of/ou/or/oder			
078.8252.XX		69.F...	69.G...
of/ou/or/oder			
078.8254.XX		69.F...	69.G...
065.7704.XX		1	69.G...
065.7705.XX		1	69.G...
option			
065.7703.XX		1	69.G...

060.7165.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

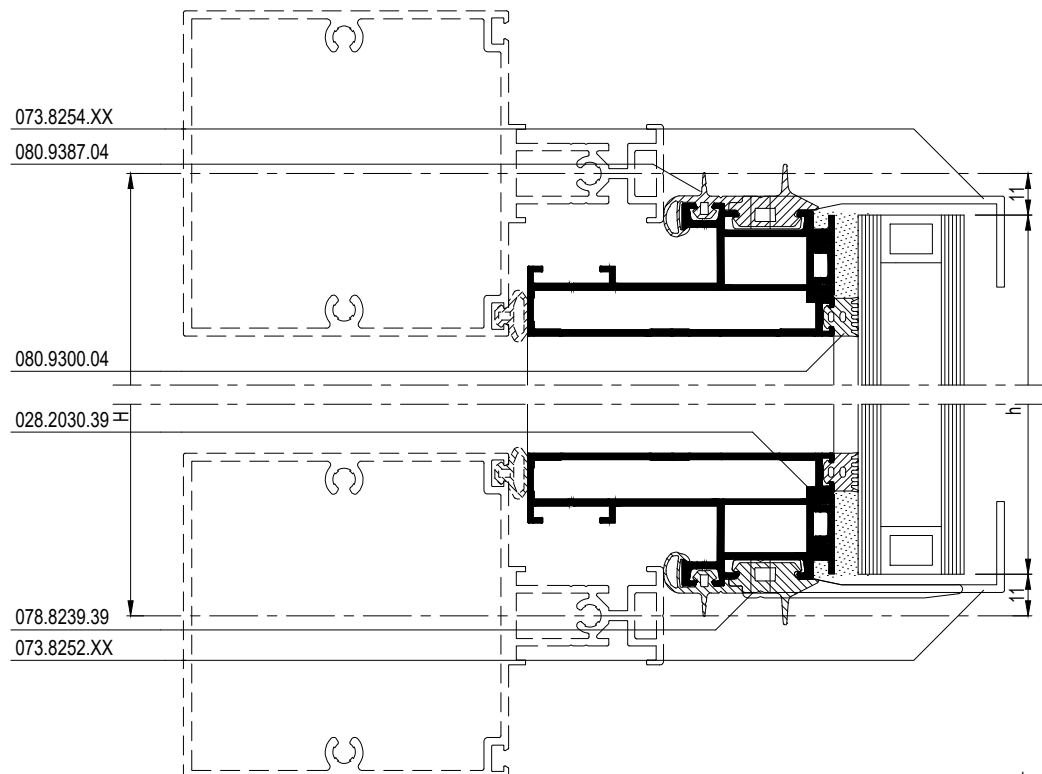
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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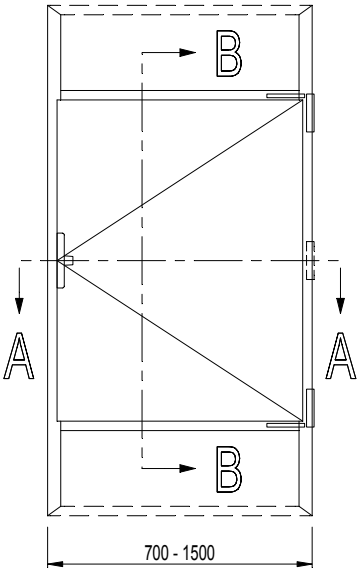
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
007.0151.XX			1	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

028.2031.39			2	B - 21	69.C...
			2	H - 16	

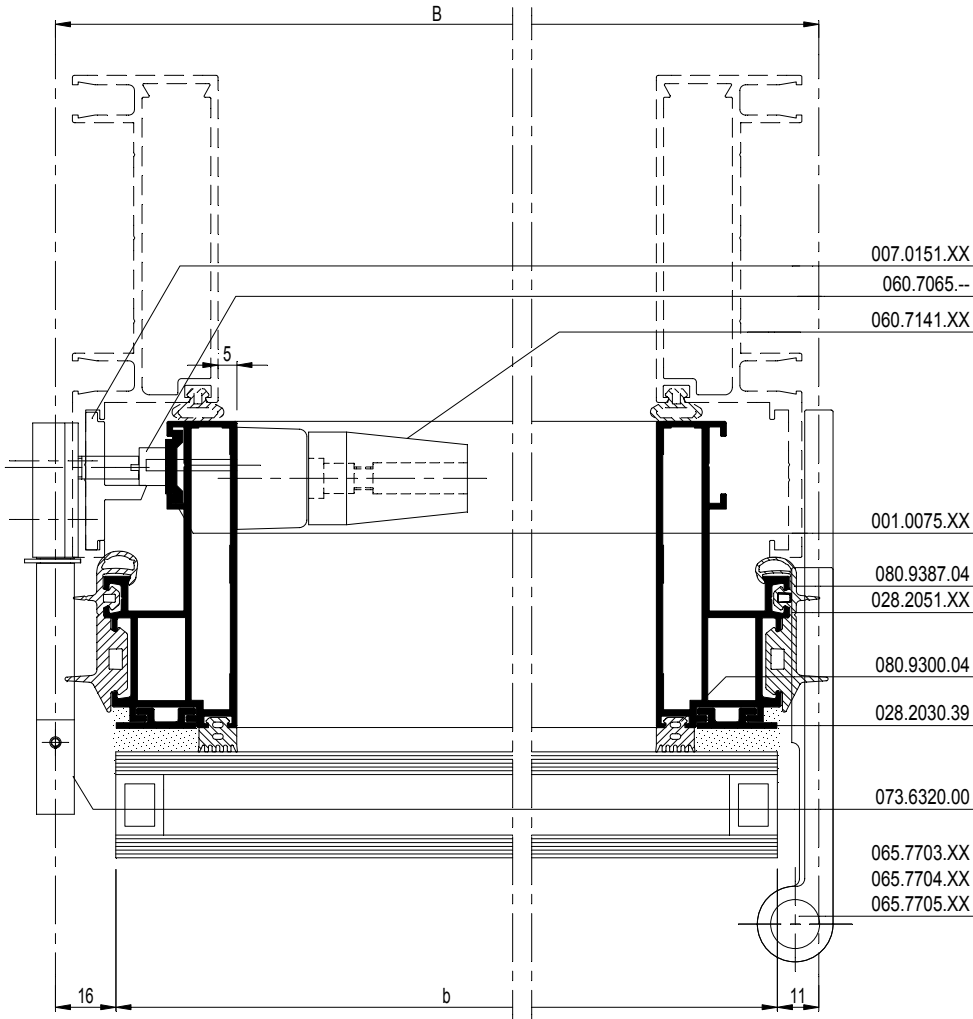
Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

69.F...

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALES 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D0048346

		#	
068.6407.00		4	69.G...
060.7141.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
073.8239.39		69.F...	69.G...
of/ou/or/oder			
078.8252.XX		69.F...	69.G...
of/ou/or/oder			
078.8254.XX		69.F...	69.G...
065.7704.XX		1	69.G...
065.7705.XX		1	69.G...
option			
065.7703.XX		1	69.G...

060.7165.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

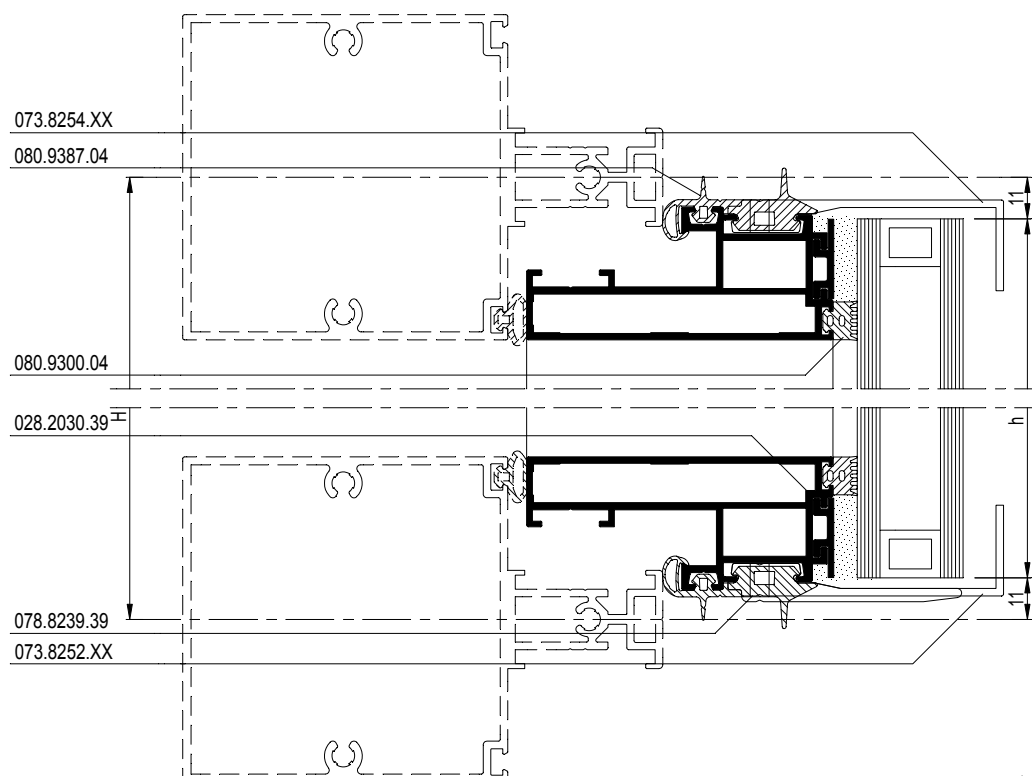
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

of/ou/or/oder

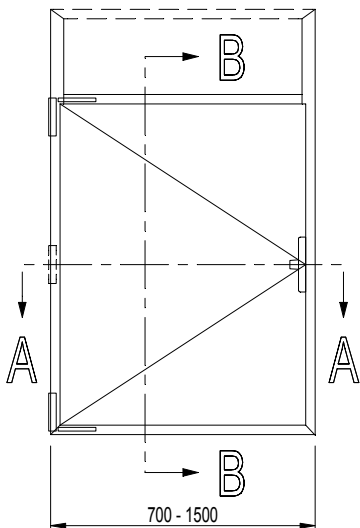
kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

D0048346



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
007.0151.XX			1	69.F...	69.C...
028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

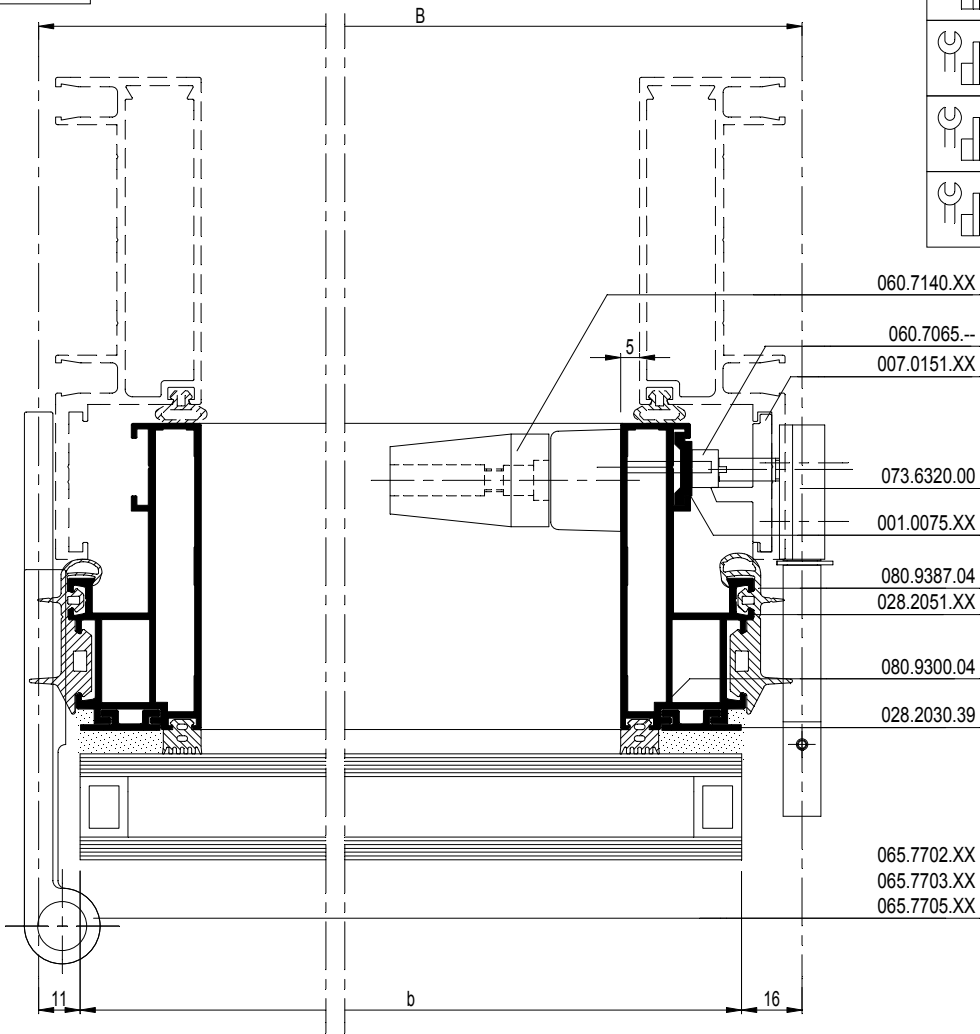
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0654.00



schaal - échelle
scale - Maßstab
1/2

D0048347

		#	
068.6407.00		4	69.G...
060.7140.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
073.8239.39		69.F...	69.G...
of/ou/or/oder			
078.8252.XX		69.F...	69.G...
of/ou/or/oder			
078.8254.XX		69.F...	69.G...
065.7702.XX		1	69.G...
065.7705.XX		1	69.G...
option			
065.7703.XX		1	69.G...

060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

of/ou/or/oder

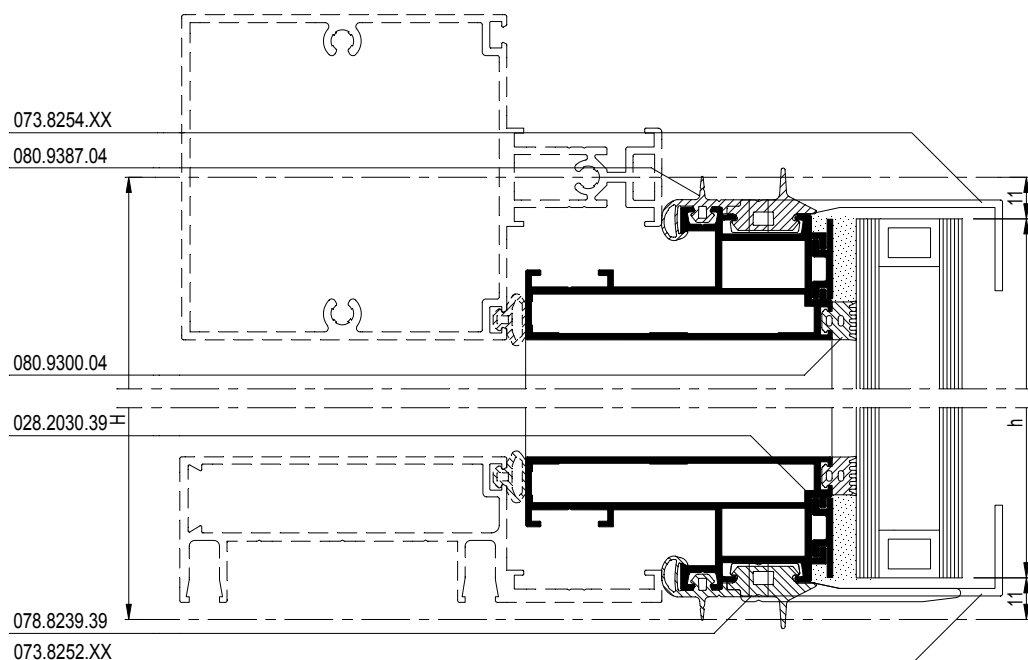
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

of/ou/or/oder

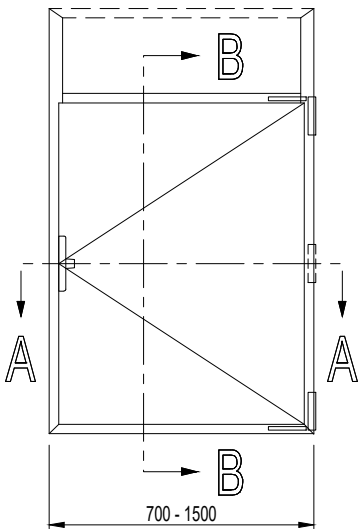
kaders, cadres, frames, Rahmen			69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

D0048347



b = B - 27
h = H - 22

			#	Lm	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
007.0151.XX			1	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

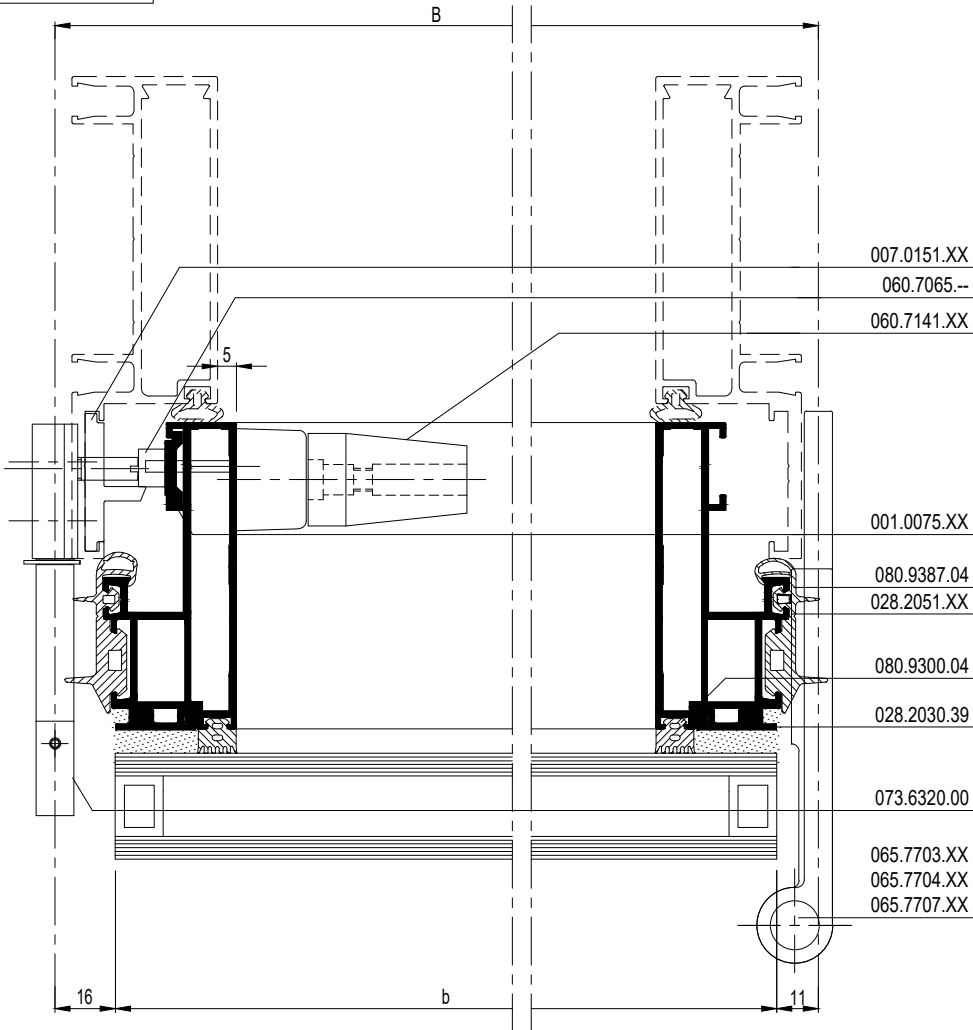
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0654.00



schaal - échelle
scale - Maßstab
1/2

D00048348

		#	
068.6407.00		4	69.G...

060.7141.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7065.--		69.F...	69.G...
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025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...

073.6320.00		1	69.G...
050.5041.--		4	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

078.8252.XX		69.F...	69.G...
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of/ou/or/oder

078.8254.XX		69.F...	69.G...
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065.7704.XX		1	69.G...
065.7707.XX		1	69.G...

option

065.7703.XX		1	69.G...
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060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

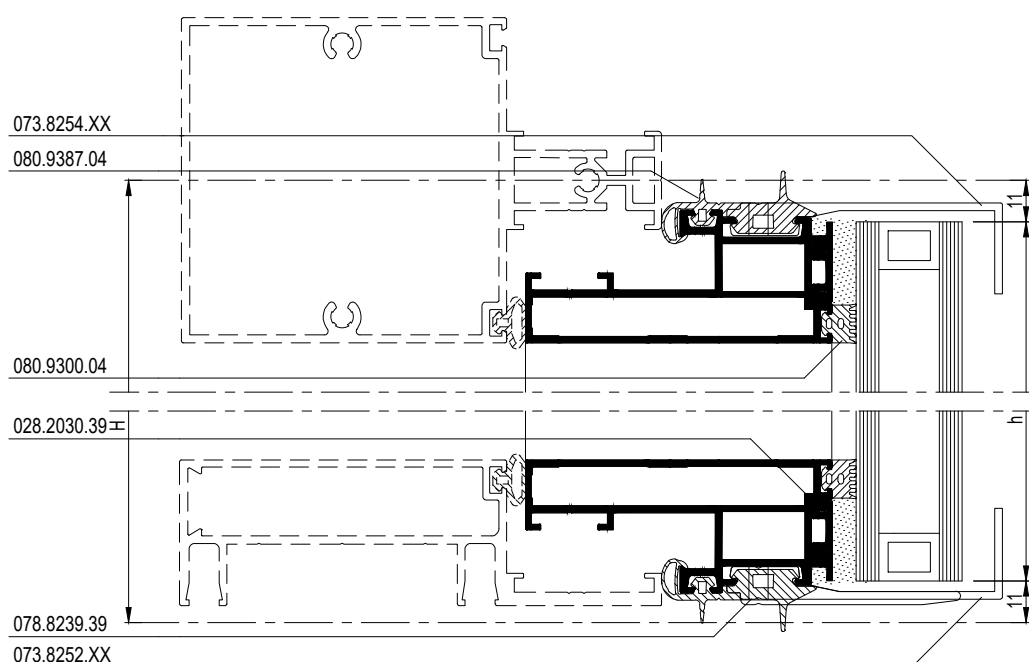
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
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of/ou/or/oder

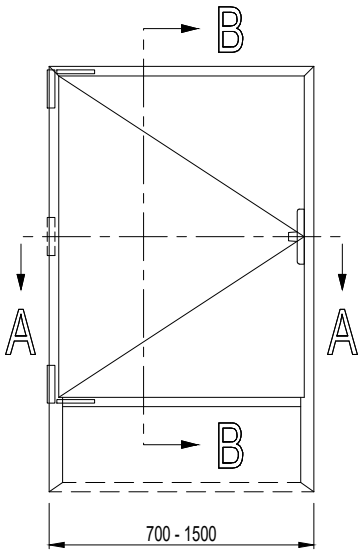
kaders, cadres, frames, Rahmen		69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2

00048348



b = B - 27
h = H - 22

			#	Lm	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
007.0151.XX			1	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

028.2031.39			2	B - 21	69.C...
			2	H - 16	

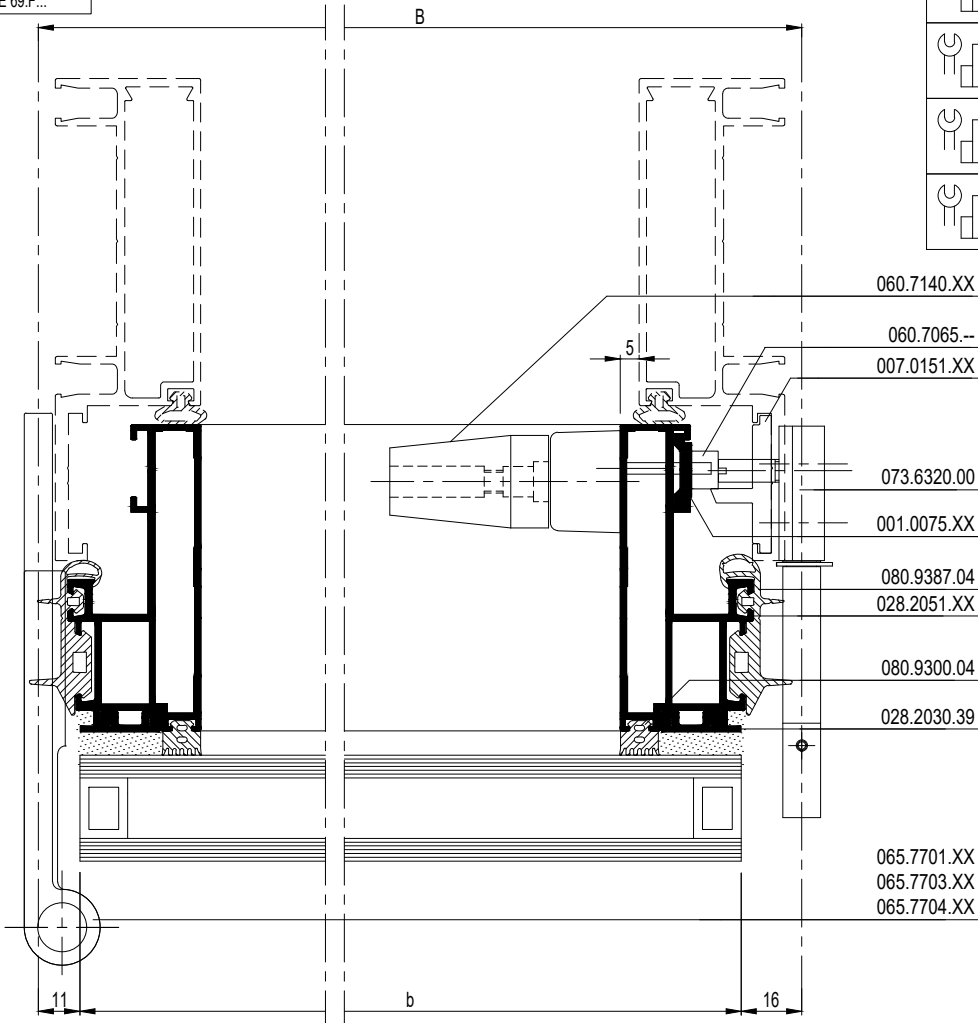
Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

69.F...

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D0048349

		#	
068.6407.00		4	69.G...

060.7140.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...

060.7065.--		69.F...	69.G...
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025.1007.07		2	69.G...
050.5316.--		2	69.G...

073.6320.00		1	69.G...
050.5041.--		4	69.G...

073.8239.39		69.F...	69.G...
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of/ou/or/oder

078.8252.XX		69.F...	69.G...
-------------	---	---------	---------

of/ou/or/oder

078.8254.XX		69.F...	69.G...
-------------	--	---------	---------

065.7701.XX		1	69.G...
065.7704.XX		1	69.G...

option

065.7703.XX		1	69.G...
-------------	---	---	---------

060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
-------------	--	-------------	---------

of/ou/or/oder

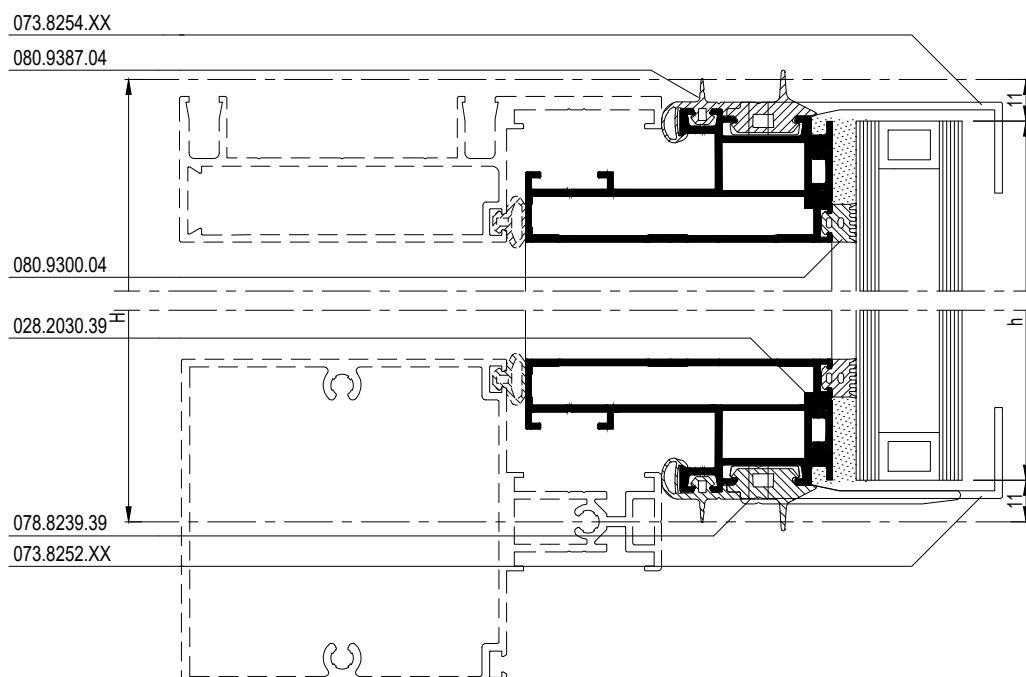
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	--	-------------	---------

of/ou/or/oder

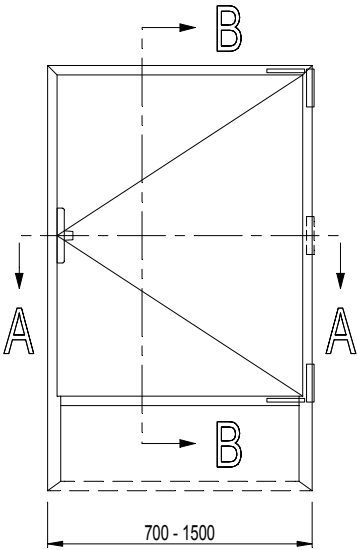
kaders, cadres, frames, Rahmen	69.B...
--------------------------------	---------

B - B



schaal - échelle
scale - Maßstab
1/2

D0048349



b = B - 27
h = H - 22

			#		
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
007.0151.XX			1	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

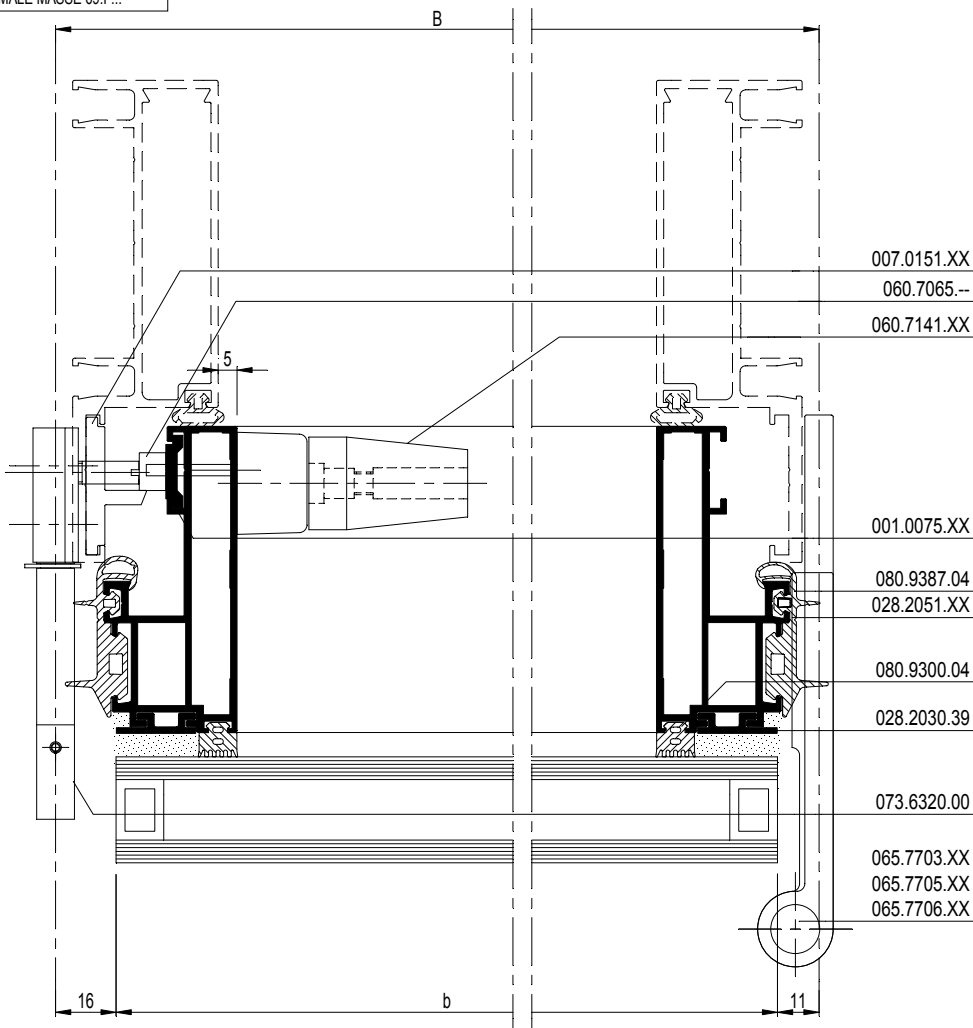
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen		69.F...
Fabrication et montage		69.F...
Assembly drawings		
Montagezeichnungen		

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALES 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

A - A

	097.0743.00
	097.0651.00
	097.0652.00
	097.0653.00
	097.0655.00



schaal - échelle
scale - Maßstab
1/2

D0048351

		#	
068.6407.00		4	69.G...
060.7141.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
050.5316.--		2	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
073.8239.39		69.F...	69.G...
of/ou/or/oder			
078.82352.XX		69.F...	69.G...
of/ou/or/oder			
078.8254.XX		69.F...	69.G...
065.7705.XX		1	69.G...
065.7706.XX		1	69.G...
option			
065.7703.XX		1	69.G...

060.7165.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
057.5714.--		4	69.G...
057.5713.--		3	69.G...
050.5130.--		7	69.G...
050.5015.--		3	69.G...

of/ou/or/oder

080.9300.04		(2xH)+(2xB)	69.G...
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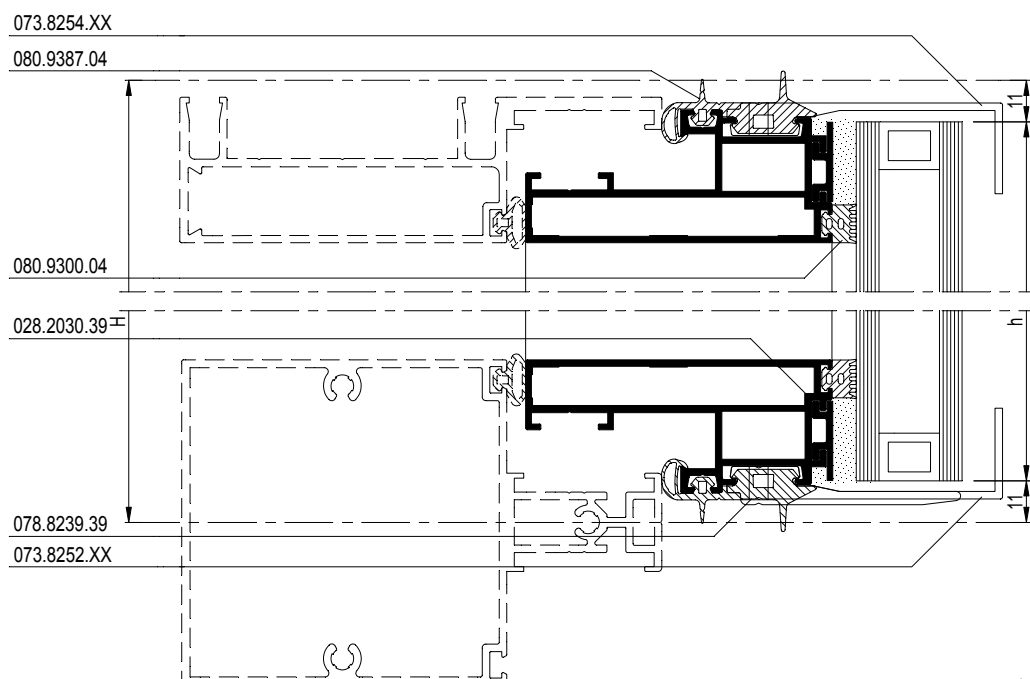
080.9301.04		(2xH)+(2xB)	69.G...
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080.9387.04		(2xH)+(2xB)	69.G...
-------------	---	-------------	---------

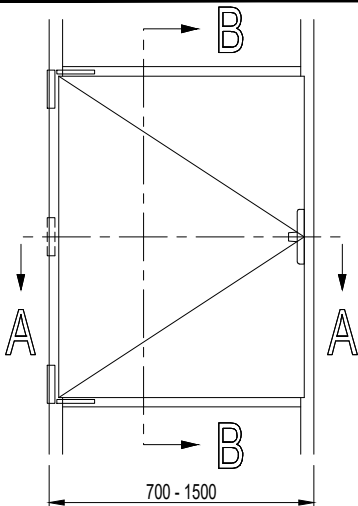
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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B - B



schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#	$\leftarrow L_m \rightarrow$	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
007.0151.XX			1	69.F...	69.C...
028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

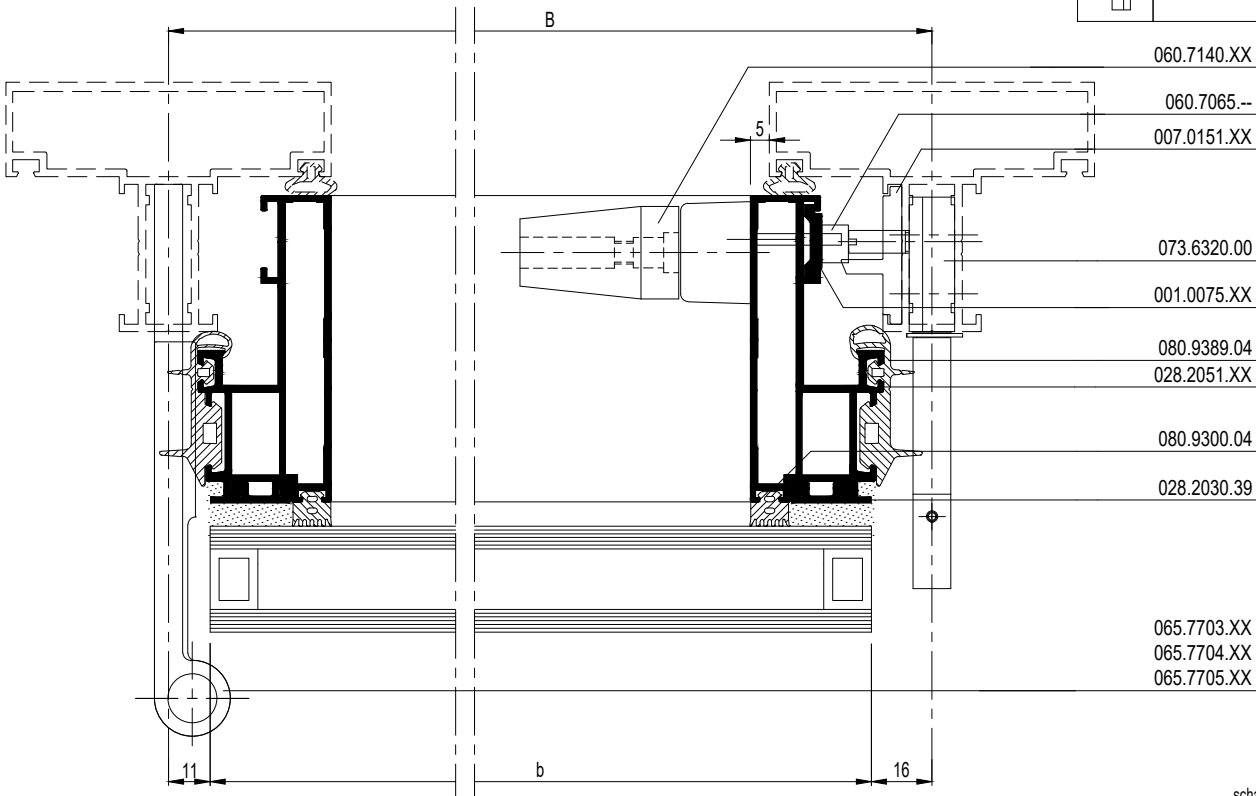
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen 69.F...
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALES 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00

A - A



schaal - échelle
scale - Maßstab
1/2

D00045181

		#	
068.6407.00		4	69.G...
060.7140.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
073.8239.39		69.F...	69.G...
078.8252.XX		69.F...	69.G...
078.8254.XX		69.F...	69.G...
065.7704.XX		1	69.G...
065.7705.XX		1	69.G...
option			
065.7703.XX		1	69.G...

of/ou/or/oder

of/ou/or/oder

B - B

060.7165.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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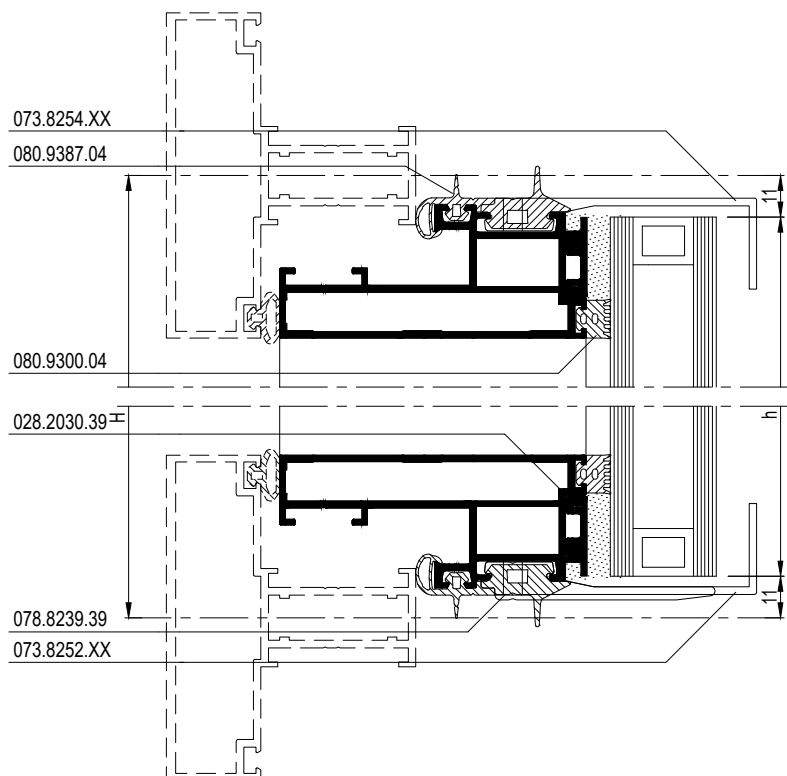
of/ou/or/oder

080.9301.04		(2xH)+(2xB)	69.G...
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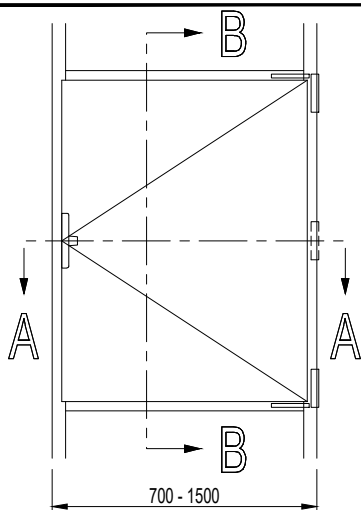
080.9387.04		(2xH)+(2xB)	69.G...
-------------	--	-------------	---------

of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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schaal - échelle
scale - Maßstab
1/2



b = B - 27
h = H - 22

			#	$\leftarrow L_m \rightarrow$	
028.2051.XX			2	B - 21	69.C...
			2	H - 16	
001.0075.XX			2	69.F...	69.C...
007.0151.XX			1	69.F...	69.C...

028.2030.39			2	B - 21	69.C...
			2	H - 16	

of/ou/or/oder

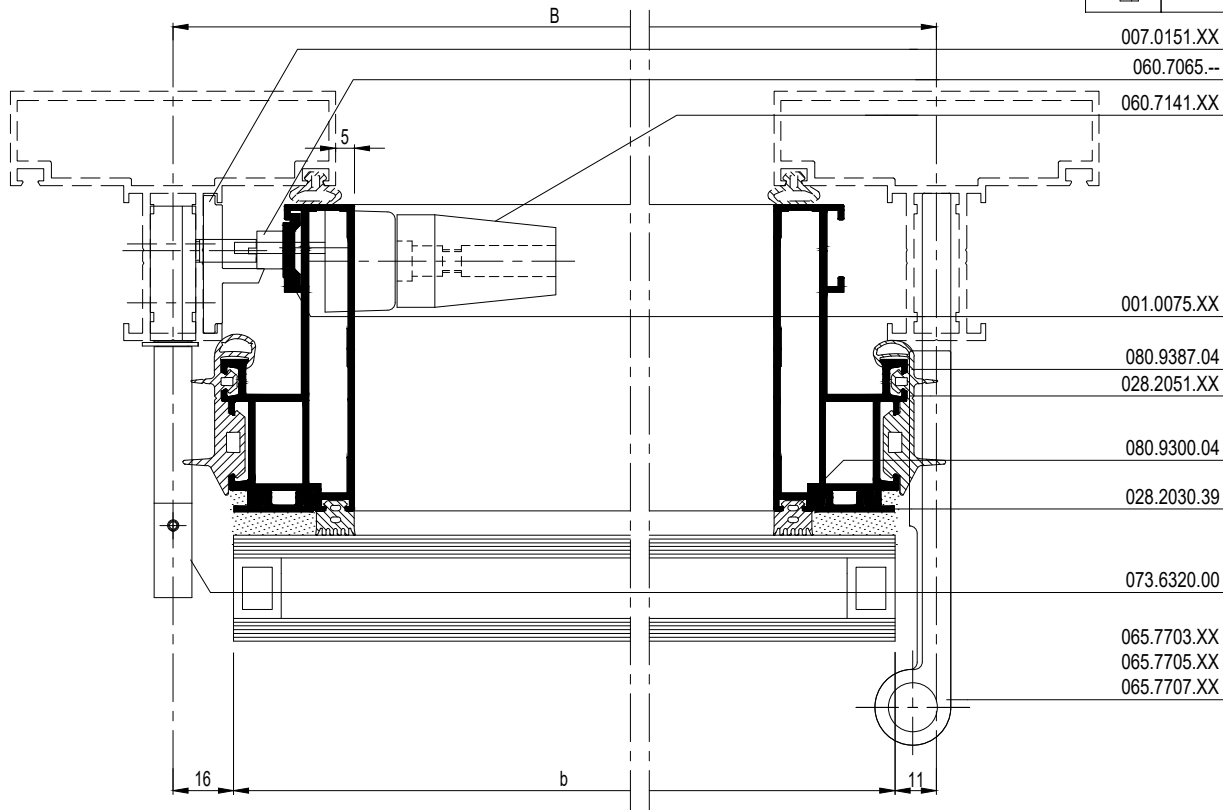
028.2031.39			2	B - 21	69.C...
			2	H - 16	

Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

MAXIMALE AFMETINGEN 69.F...
DIMENSIONS MAXIMALE 69.F...
MAXIMUM DIMENSIONS 69.F...
MAXIMALE MASSE 69.F...

	097.0743.00
	097.0651.00
	097.0653.00
	097.0654.00
	097.0655.00

A - A



schaal - échelle
scale - Maßstab
1/2

D00048350

		#	
068.6407.00		4	69.G...
060.7141.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		2	69.G...
073.6320.00		1	69.G...
050.5041.--		4	69.G...
073.8239.39		69.F...	69.G...
of/ou/or/oder			
078.8252.XX		69.F...	69.G...
of/ou/or/oder			
078.8254.XX		69.F...	69.G...
065.7704.XX		1	69.G...
065.7705.XX		1	69.G...
option			
065.7703.XX		1	69.G...

B - B

060.7165.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
057.5713.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		10	69.G...

080.9300.04		(2xH)+(2xB)	69.G...
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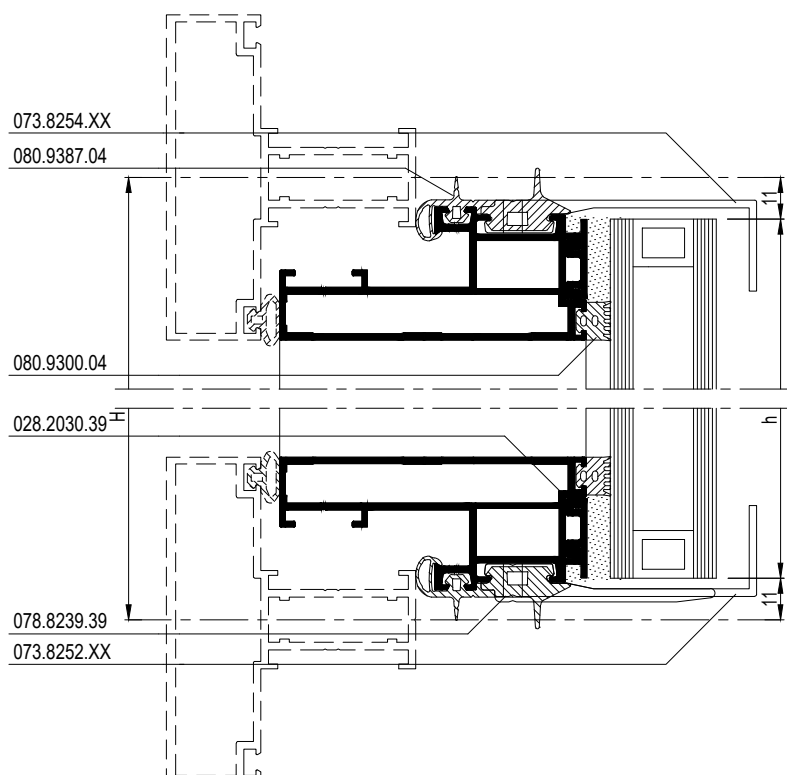
of/ou/or/oder

080.9301.04		(2xH)+(2xB)	69.G...
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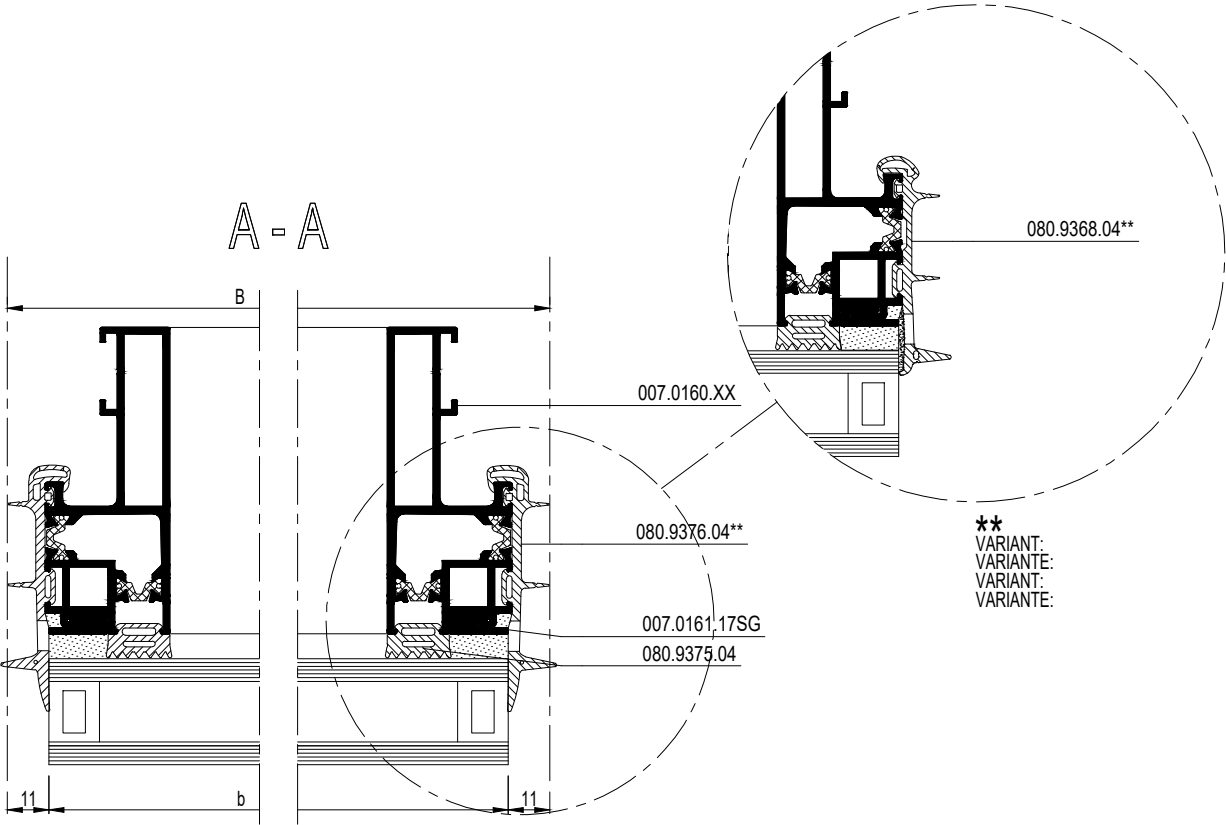
080.9387.04		(2xH)+(2xB)	69.G...
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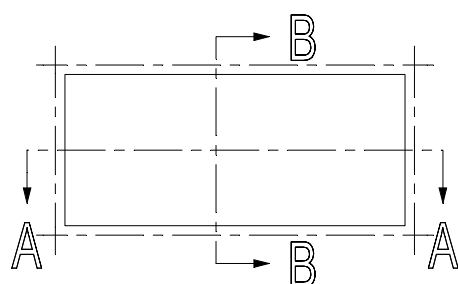
of/ou/or/oder

kaders, cadres, frames, Rahmen	69.B...
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			#		
b = B - 22	007.0160.XX		2	B - 20	69.C...
h = H - 22			2	H - 20	
	007.0161.17SG		2	B - 22	69.C...
			2	H - 22	

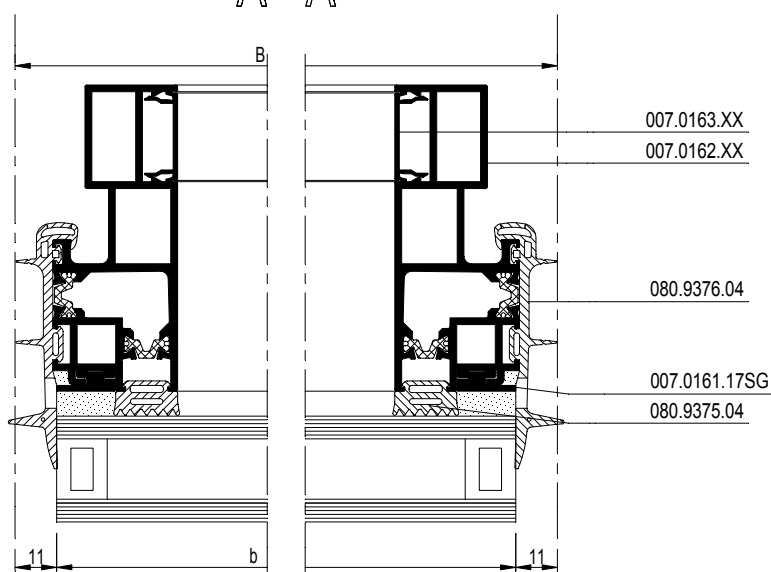




b = B - 22
h = H - 22

			#		
007.0162.XX			2	B - 20	69.C...
			2	H - 20	
007.0163.XX			2	B - 83.2	69.C...
			2	H - 86	
007.0161.17SG			2	B - 22	69.C...
			2	H - 22	

A - A



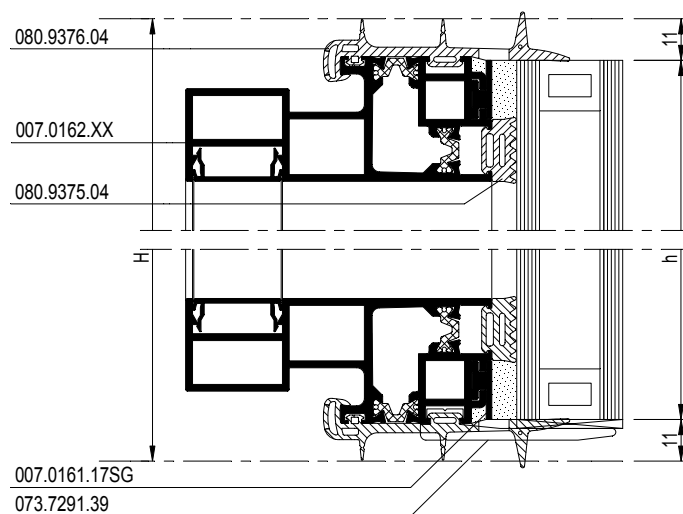
schaal - échelle
scale - Maßstab
1/2

D0073395

		#	
068.6413.00		4	69.G...
068.6414.00		4	69.G...

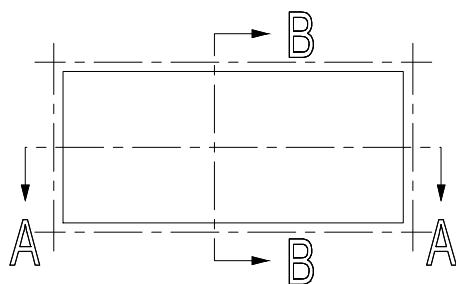
073.5215.--		1/300 mm	69.G...
052.5341.--		1/300 mm	69.G...
073.7291.39		69.F...	69.G...
080.9375.04		(2xh)+(2xb)	69.G...
080.9376.04		(2xH)+(2xB)	69.G...

B - B



schaal - échelle
scale - Maßstab
1/2

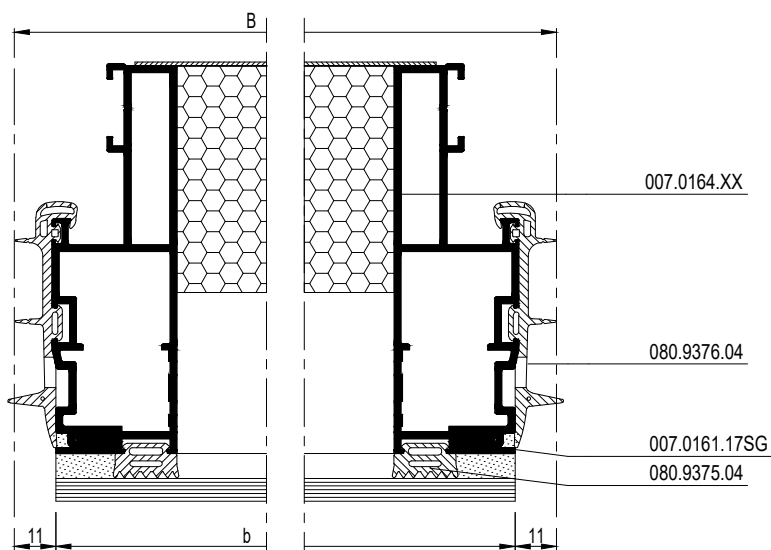
D0073395



$b = B - 22$
$h = H - 22$

			#	$\leftarrow L_m \rightarrow$	
007.0164.XX			2	B - 20	69.C...
			2	H - 20	
007.0161.17SG			2	B - 22	69.C...
			2	H - 22	

A - A



		#	
068.6405.00		4	69.G...
068.6412.00		4	69.G...
073.6350.--		min. 4	69.G...
073.6351.--		min. 4	69.G...
073.6352.--		2	69.G...
065.6507.--		min. 4	69.G...
073.7291.39		69.F...	69.G...
080.9375.04		(2xh)+(2xb)	69.G...
080.9376.04		(2xH)+(2xB)	69.G...

025.1076.--		2	69.G...
054.5452.--		2	69.G...

073.6317.39		2	69.G...
052.5312.--		4	69.G...
052.5360.--		2	69.G...

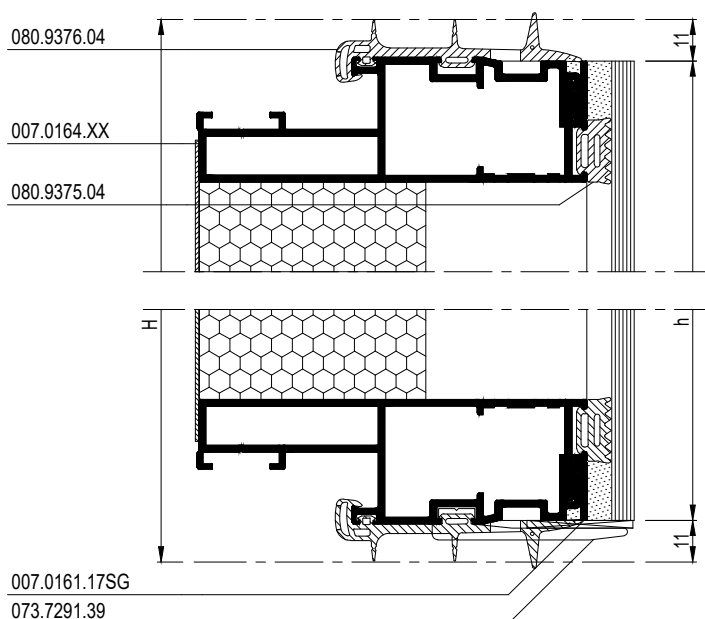
of/ou/or/oder

069.6820.--		2	69.G...
055.5640.--		2	69.G...

of/ou/or/oder

073.6318.--		2	69.G...
050.5270.--		2	69.G...
050.5271.--		2	69.G...

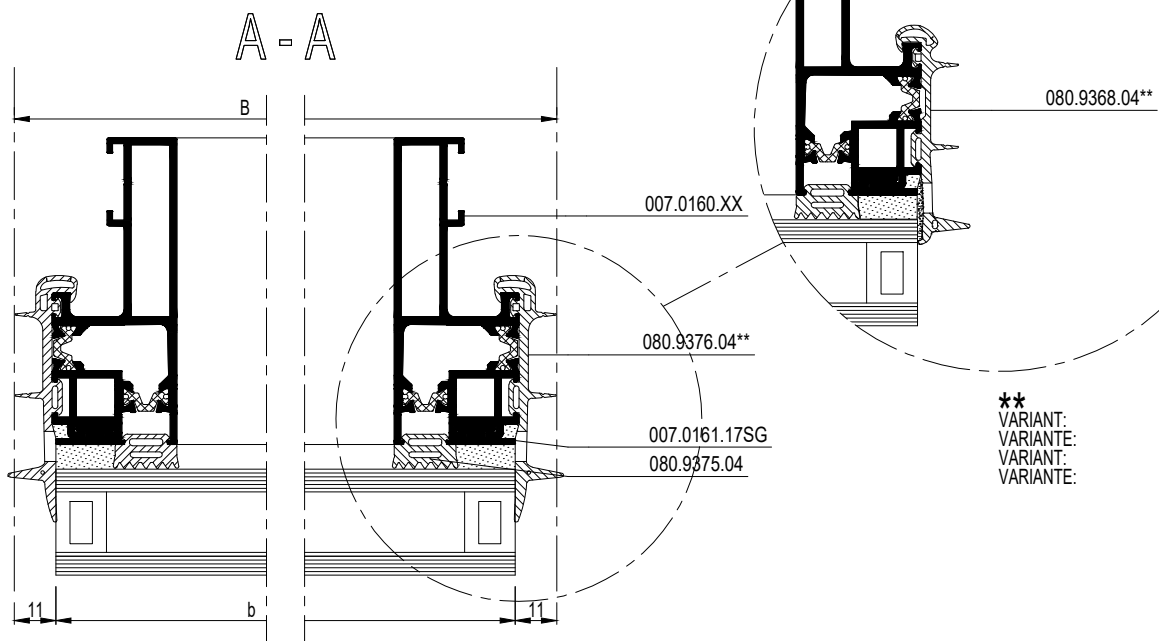
B - B



schaal - échelle
scale - Maßstab
1/2

D0073405

				#		
b = B - 22				2	B - 20	69.C...
h = H - 22				2	H - 20	
				2	69.F...	69.C...
				2	69.F...	
				2	B - 22	69.C...
				2	H - 22	



		#	
068.6405.00		4	69.G...
068.6414.00		4	69.G...
060.8583.PA		1	69.G...
060.7075.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
069.7073.01		69.F...	69.G...
052.5312.--		69.F...	69.G...
060.7871.--		69.F...	69.G...
073.7291.39		69.F...	69.G...
080.9375.04		(2xh)+(2xb)	69.G...

080.9376.04**		(2xH)+(2xB)	69.G...
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(**) of/ou/or/oder

080.9368.04**		(2xH)+(2xB)	69.G...
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021.5640.--		1	69.G...
of/ou/or/oder			
060.8315.XX		1	69.G...

VOOR BEVESTIGING ZIE F-BLAD SCHAREN
POUR FIXATION : VOIR PAGES F COMPAS
FOR FIXING : SEE PAGES F FRICTIONS STAYS
FÜR BEFESTIGUNG : SIEHE SEITE F SCHERE

(*)of/ou/or/oder

021.5650.--		1	69.G...
of/ou/or/oder			
060.8316.XX		1	69.G...

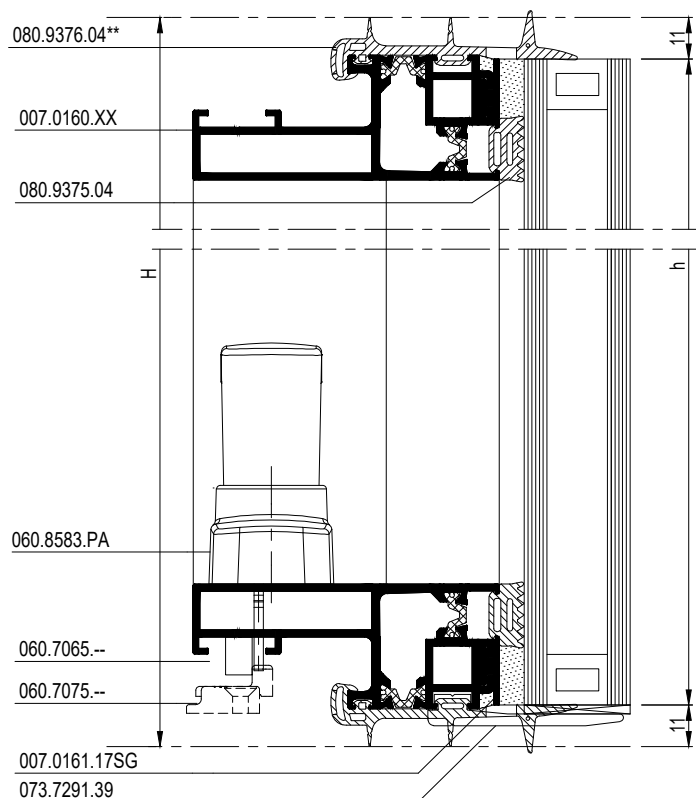
(*)of/ou/or/oder

021.5660.--		1	69.G...
of/ou/or/oder			
060.8317.00		1	69.G...

(*)of/ou/or/oder

060.7169.--		1	69.G...
001.0075.17		2 x 445.3 mm	69.G...

B - B



**
VARIANTE:
VARIANTE:
VARIANTE:

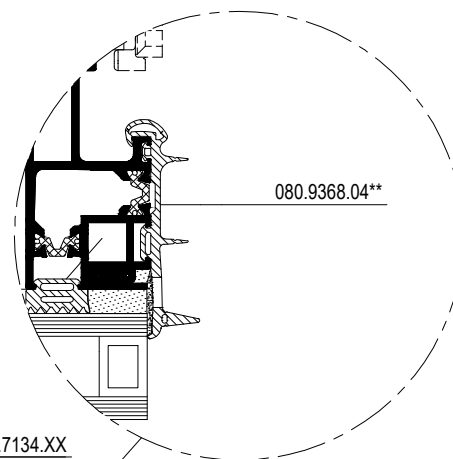
schaal - échelle
scale - Maßstab
1/2

	
	097.0651.00
	097.0652.00
	097.0653.00


b = B - 22
h = H - 22

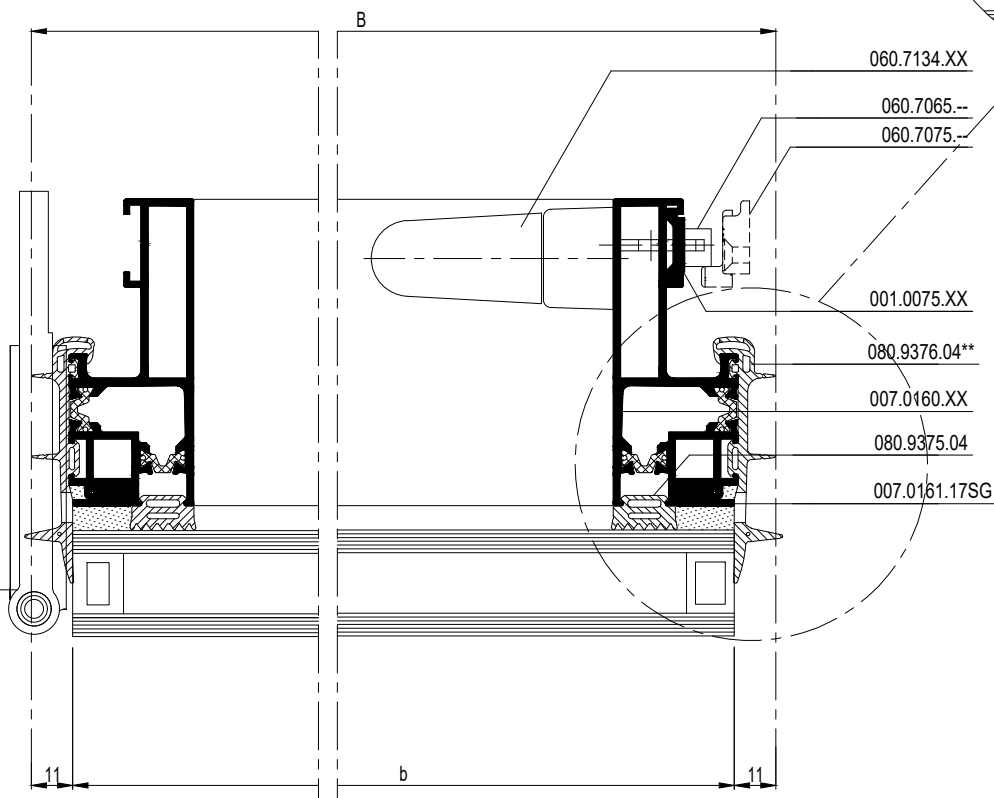
			#		
007.0160.XX			2	B - 20	69.C...
			2	H - 20	
001.0075.17			2	69.F...	69.C...
					
007.0161.17SG			2	B - 22	69.C...
			2	H - 22	

A - A



080.9368.04**

**
VARIANT:
VARIANTE:
VARIANT:
VARIANTE:



schaal - échelle
scale - Maßstab
1/2

D0073420

		#	
068.6405.00		4	69.G...
068.6414.00		4	69.G...
060.7134.XX		1	69.G...
050.5001.--		2	69.G...
057.5714.--		2	69.G...
060.7075.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.7291.39		69.F...	69.G...
080.9375.04		(2xh)+(2xb)	69.G...

080.9376.04**		(2xH)+(2xB)	69.G...
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(**) of/ou/or/oder

080.9368.04**		(2xH)+(2xB)	69.G...
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065.7738.39		1	69.G...
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065.7739.39		1	69.G...
-------------	--	---	---------

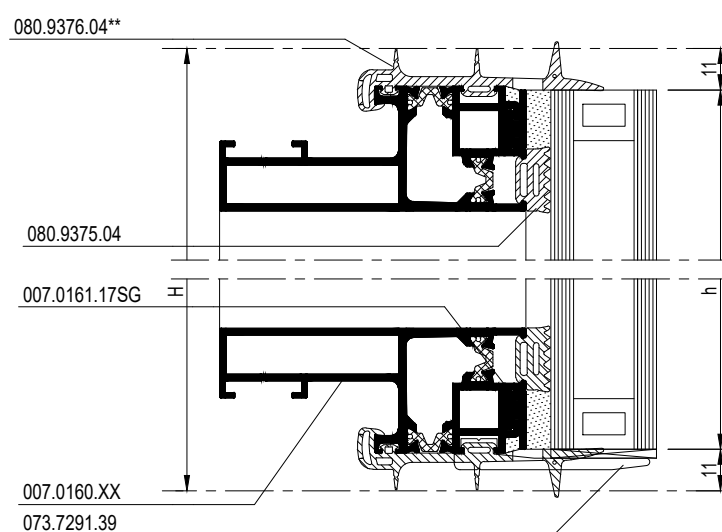
065.7740.39		1	69.G...
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060.7167.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

of/ou/or/oder

060.7168.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

B - B



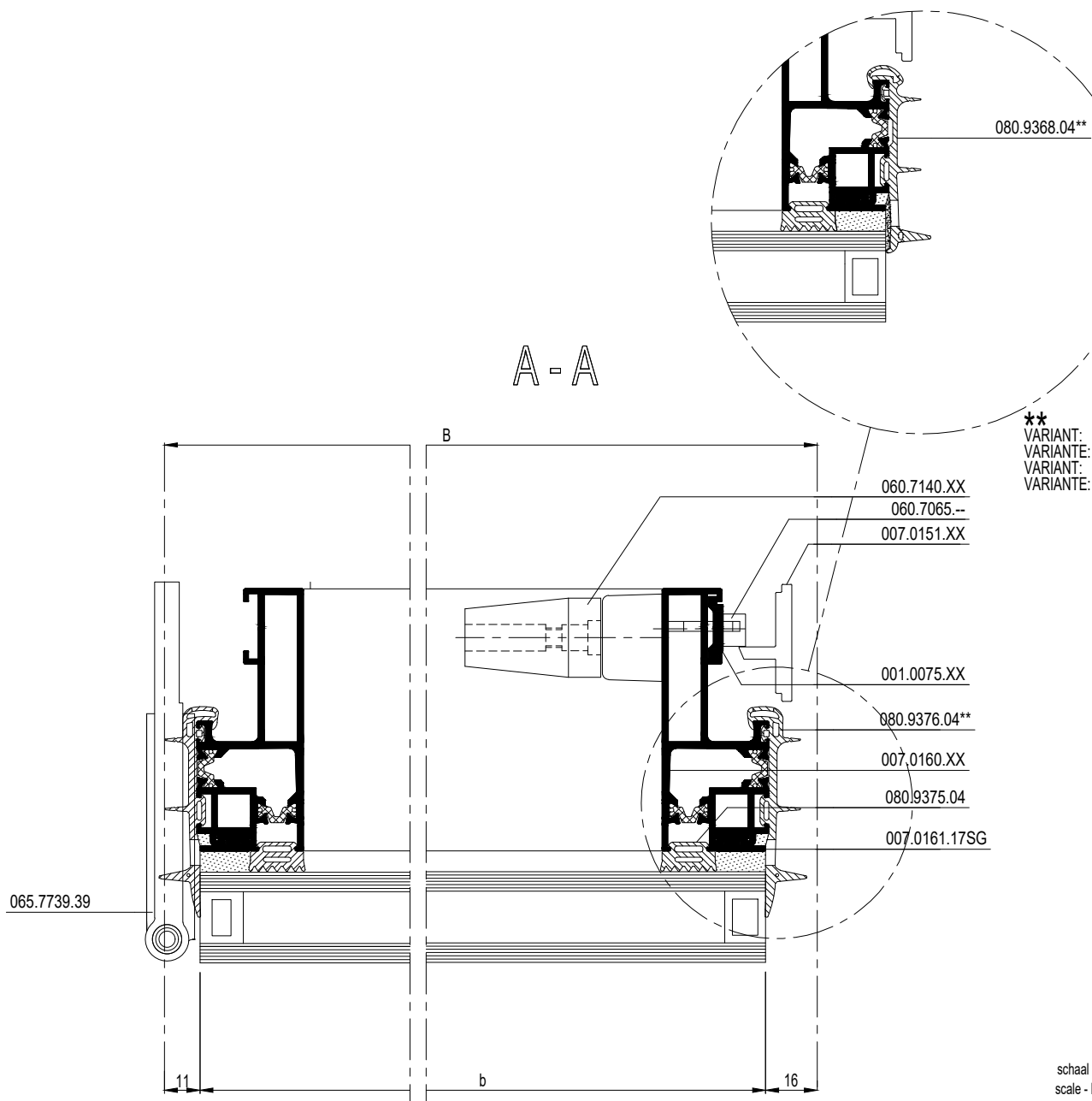
**
VARIANT:
VARIANTE:
VARIANTE:

schaal - échelle
scale - Maßstab
1/2

D0073420

						#		
	097.0651.00	b = B - 27	007.0160.XX			2	B - 25	69.C...
	097.0652.00	h = H - 22	001.0075.17			2	H - 20	69.C...
	097.0653.00		007.0161.17SG			2	69.F...	69.C...
						2	B - 27	69.C...
							H - 22	

A - A



**
VARIANT:
VARIANTE:
VARIANTE:
VARIANTE:

schaal - échelle
scale - Maßstab
1/2

D0075573

		#	
068.6405.00		4	69.G...
068.6414.00		4	69.G...
060.7140.XX		1	69.G...
060.7065.--		69.F...	69.G...
007.0151.XX		69.F...	69.G...
025.1007.07		2	69.G...
052.5316.--		1	69.G...
050.5003.--		1	69.G...
073.7291.39		69.F...	69.G...
080.9375.04		(2xh)+(2xb)	69.G...

080.9376.04**		(2xH)+(2xB)	69.G...
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(**) of/ou/or/oder

080.9368.04**		(2xH)+(2xB)	69.G...
---------------	---	-------------	---------

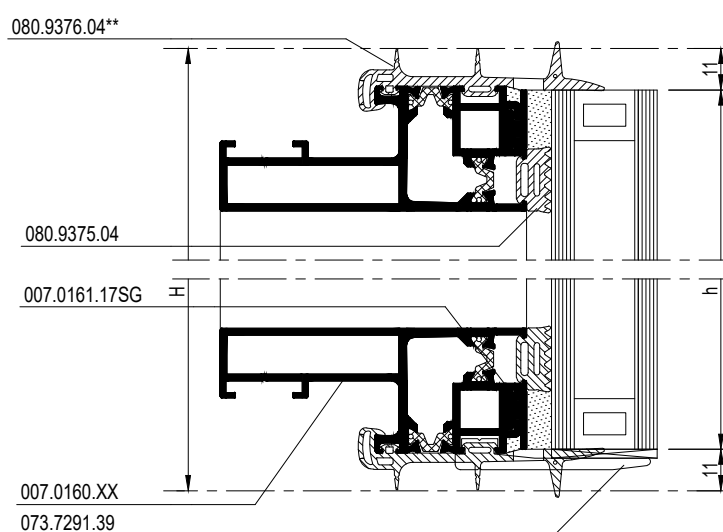
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065.7739.39		1	69.G...
065.7740.39		1	69.G...

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050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

of/ou/or/oder

060.7166.--		2	69.G...
050.5015.--		6	69.G...
057.5714.--		4	69.G...
050.5130.--		4	69.G...

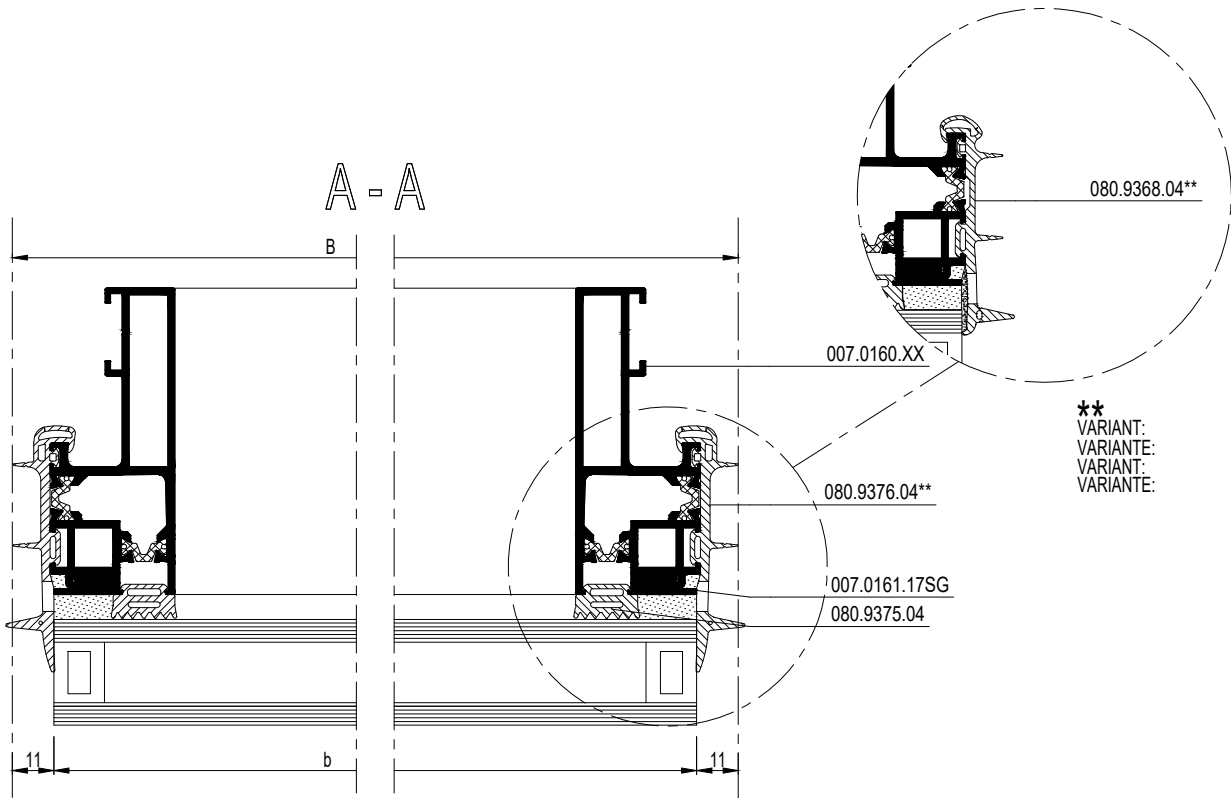
B - B



**
VARIANT:
VARIANTE:
VARIANTE:

schaal - échelle
scale - Maßstab
1/2

			#		
b = B - 22			2	B - 20	69.C...
h = H - 22			2	H - 20	
			2	69.F...	69.C...
			2	69.F...	
			2	B - 22	69.C...
			2	H - 22	

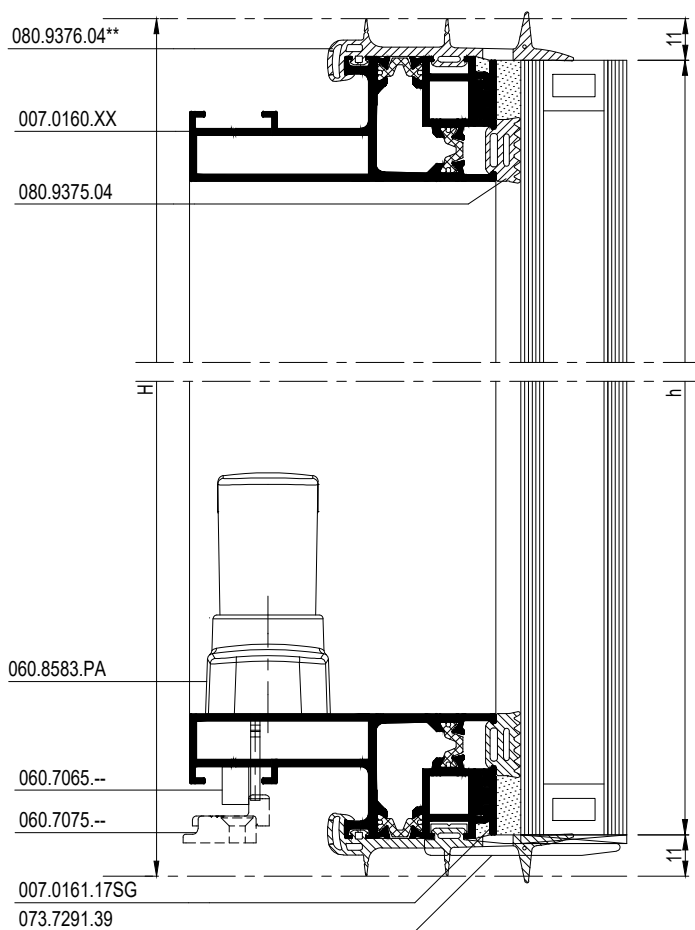


		#	
068.6405.00		4	69.G...
068.6414.00		4	69.G...
060.8583.PA		1	69.G...
060.7075.--		69.F...	69.G...
060.7065.--		69.F...	69.G...
060.7871.--		69.F...	69.G...
073.7291.39		69.F...	69.G...
080.9375.04		(2xh)+(2xb)	69.G...

080.9376.04**		(2xH)+(2xB)	69.G...
(**) of/ou/or/oder			
080.9368.04**		(2xH)+(2xB)	69.G...

		#	
060.8360.--		51.F....	51.G....
060.8361.--		51.F....	51.G....
060.8366.--		51.F....	51.G....
050.5119.--		51.F....	51.G....
057.5714.--		51.F....	51.G....

B - B

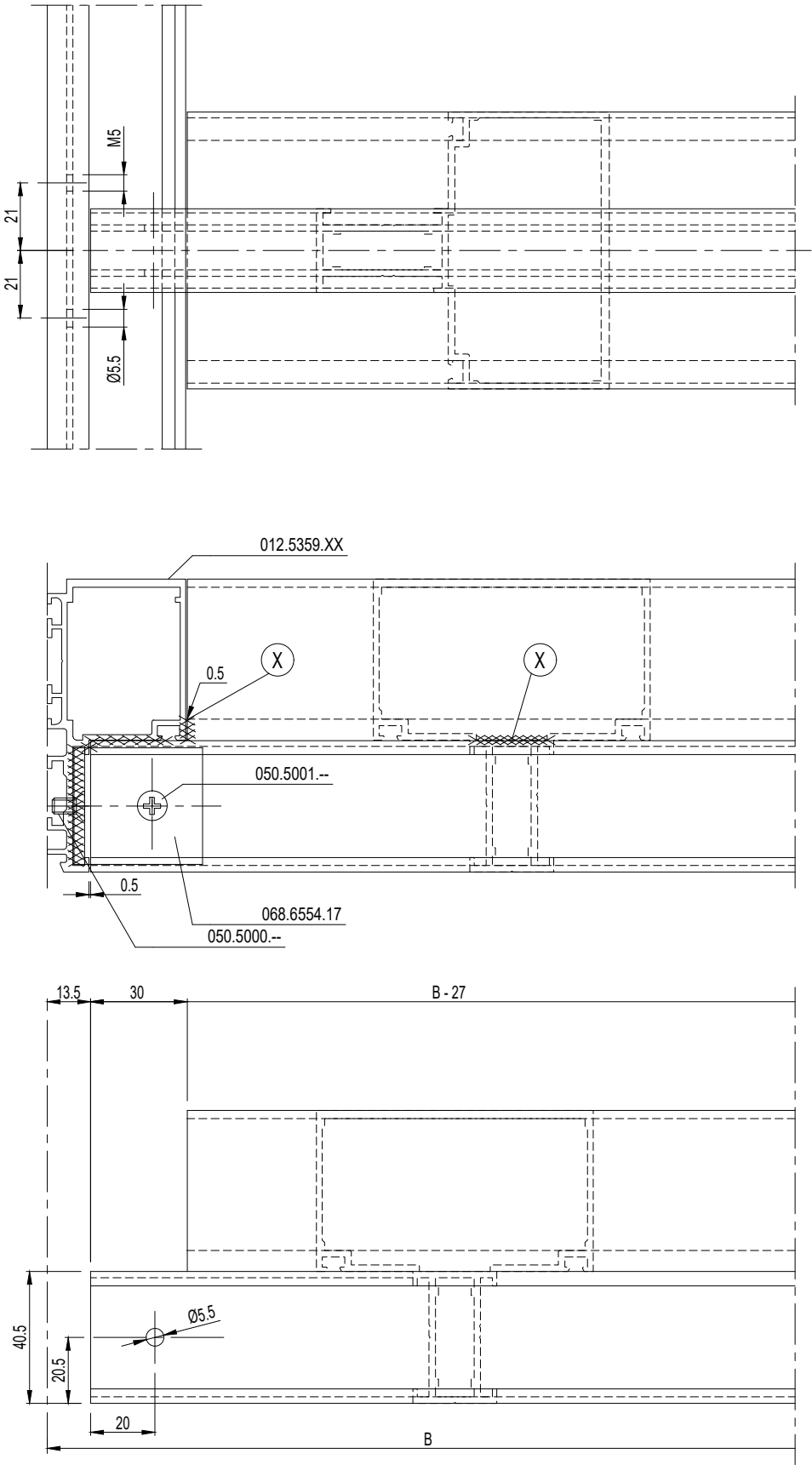


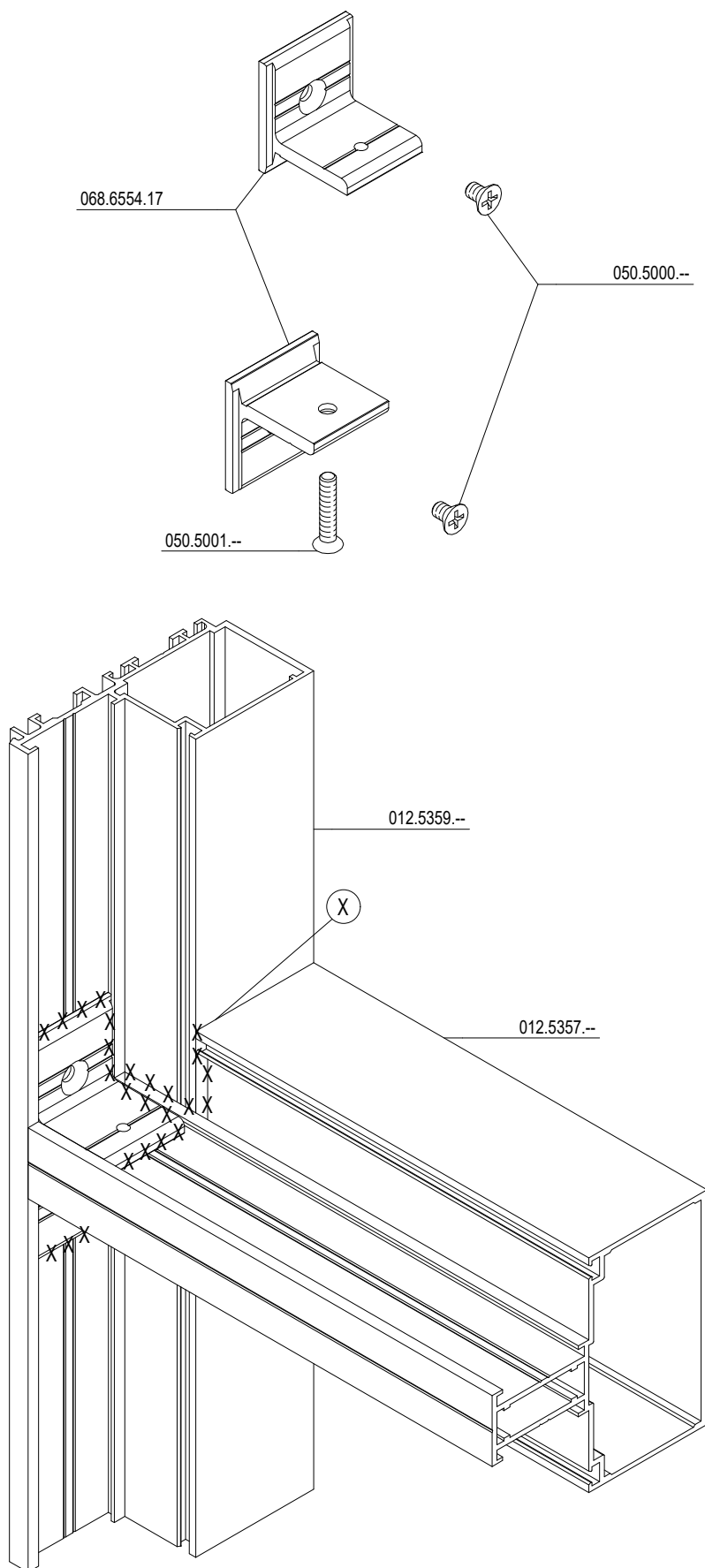
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 VARIANTE:
 VARIANT:
 VARIANTE:

schaal - échelle
scale - Maßstab
1/2

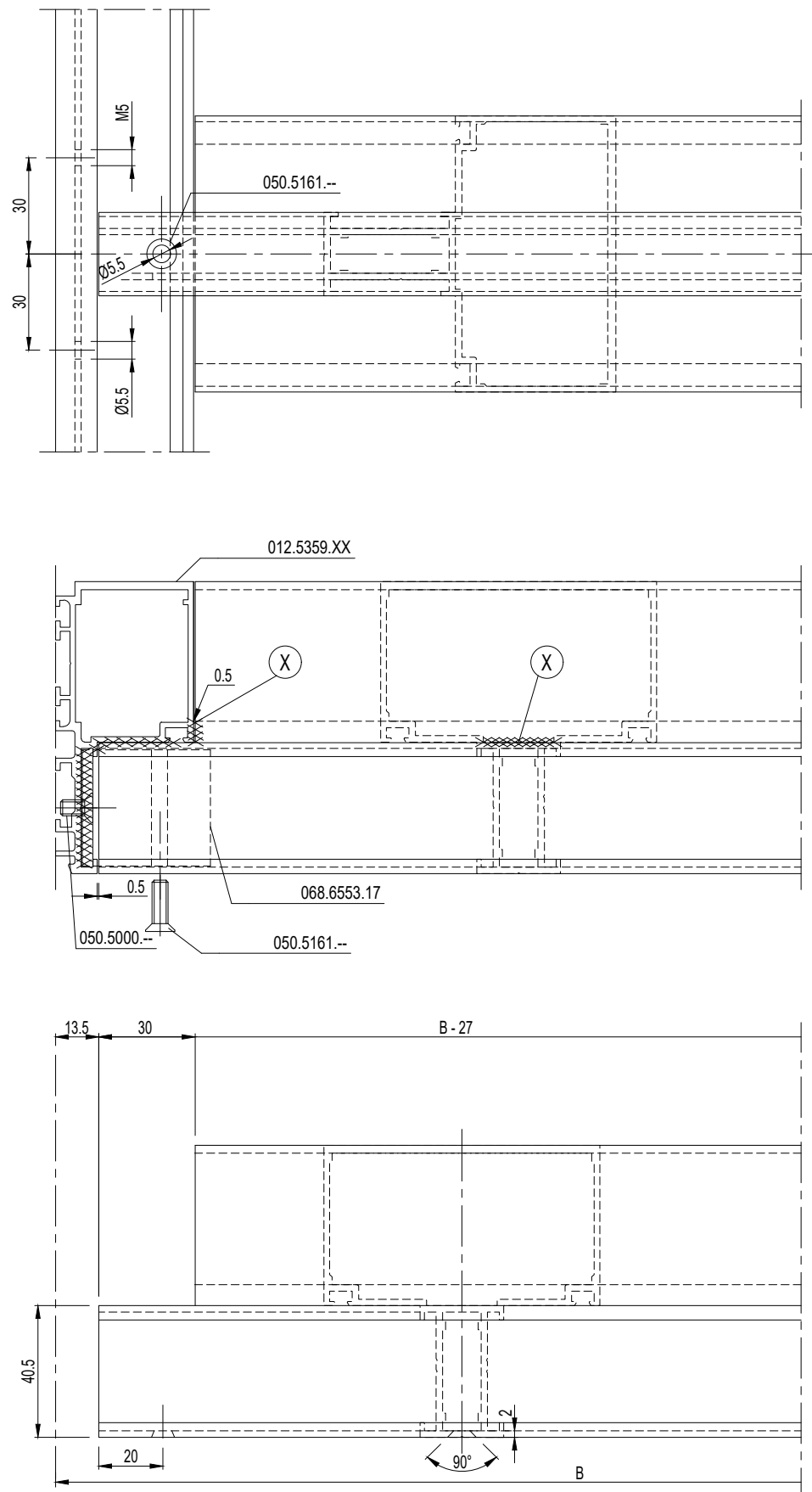
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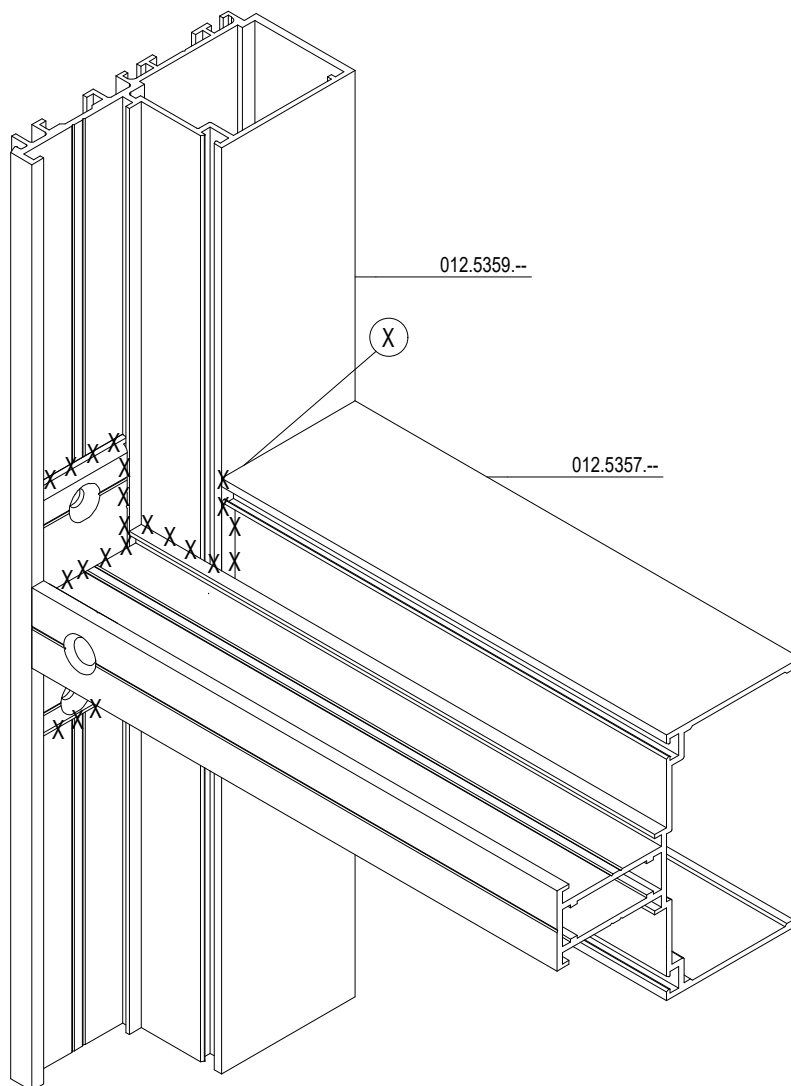
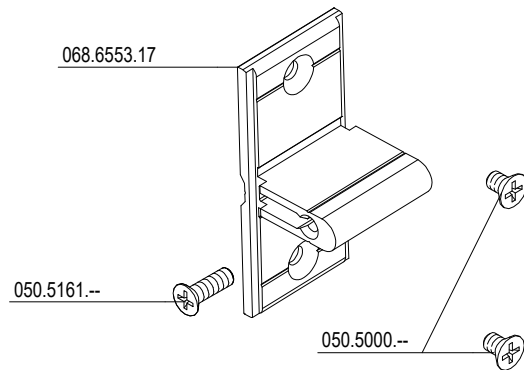
Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen



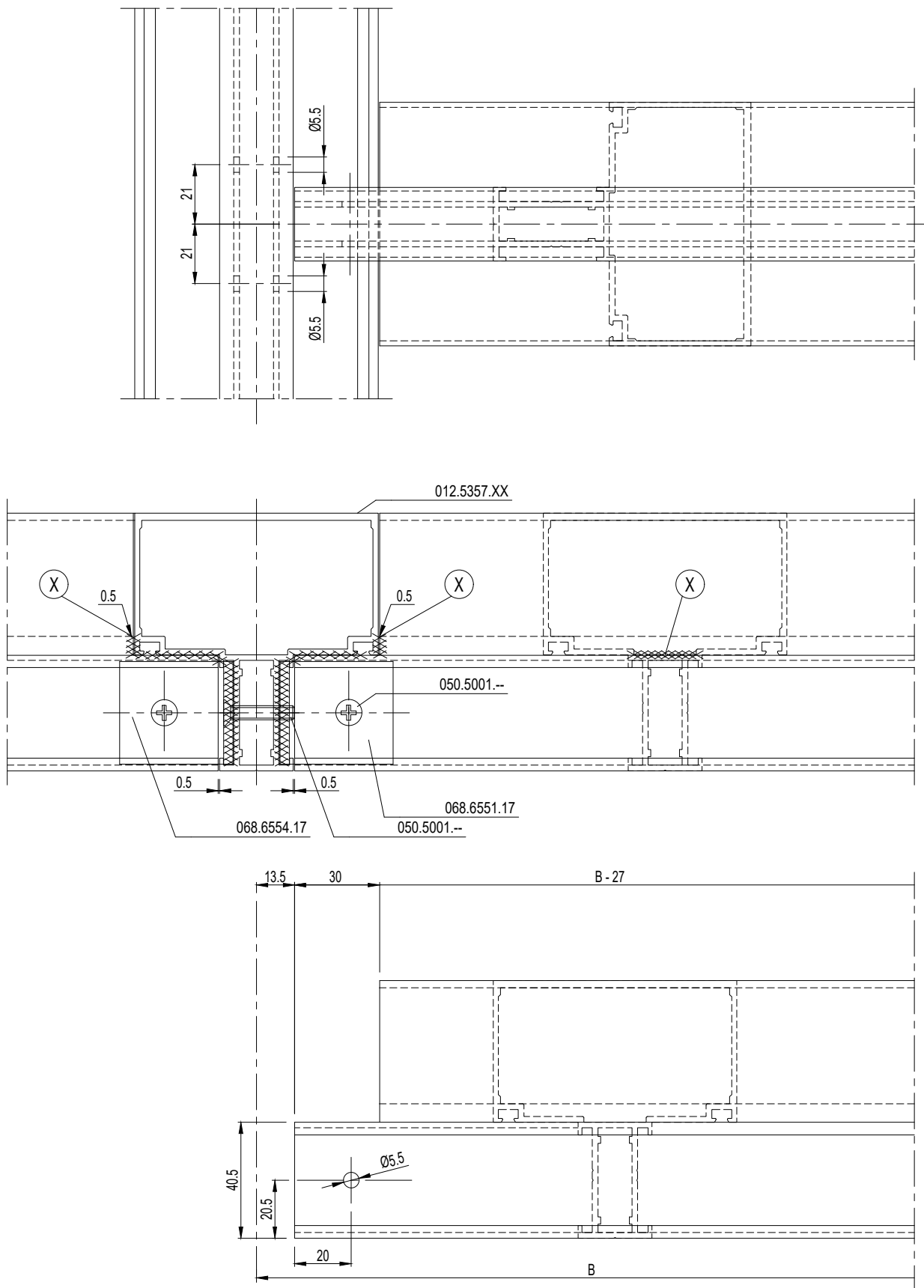


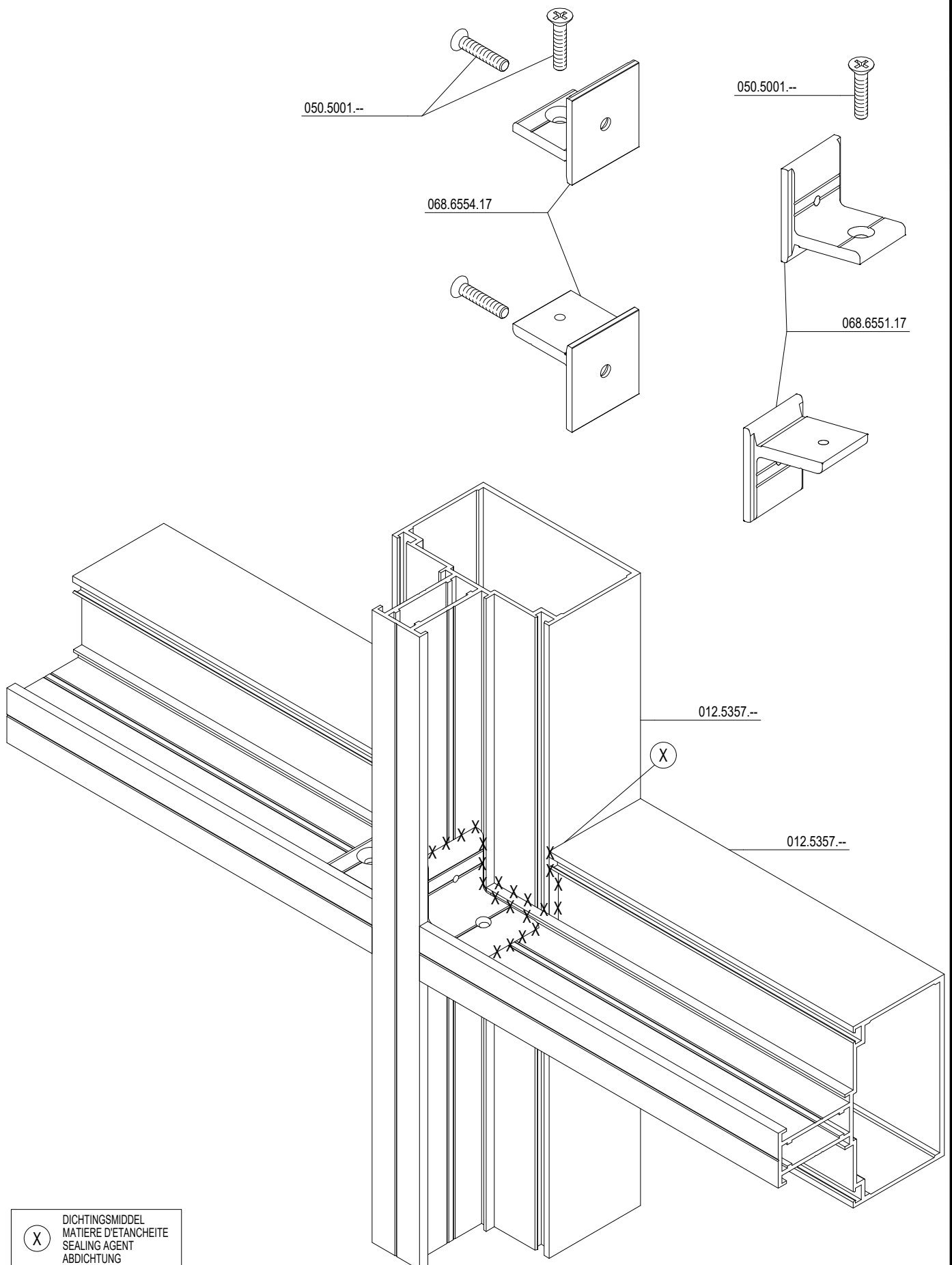
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MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

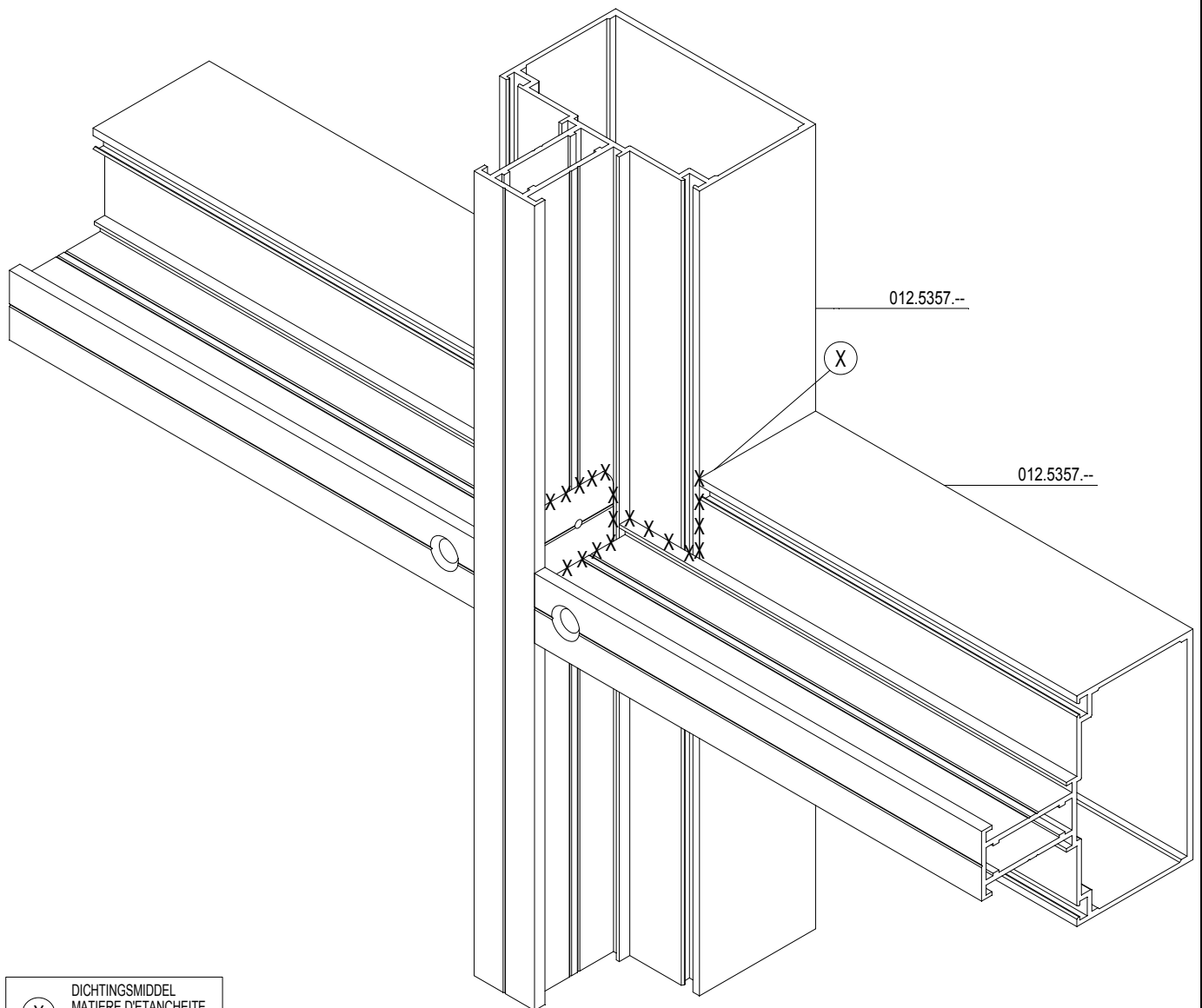
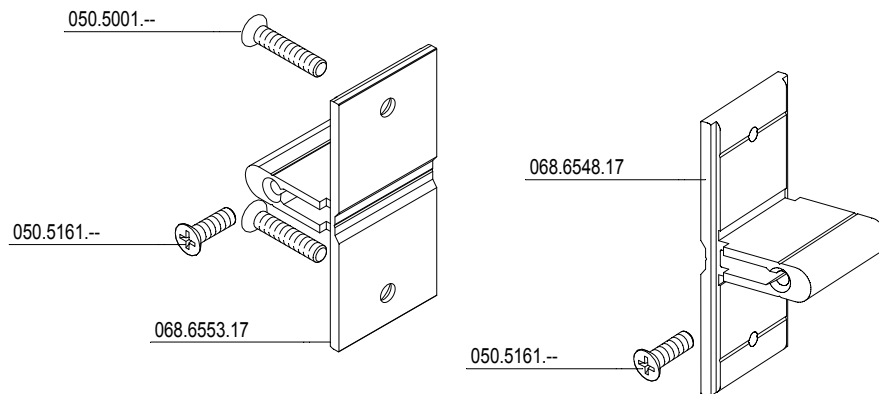




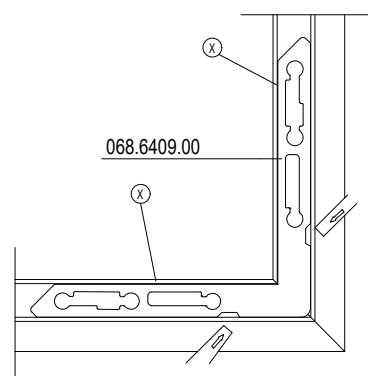
(X)
DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG



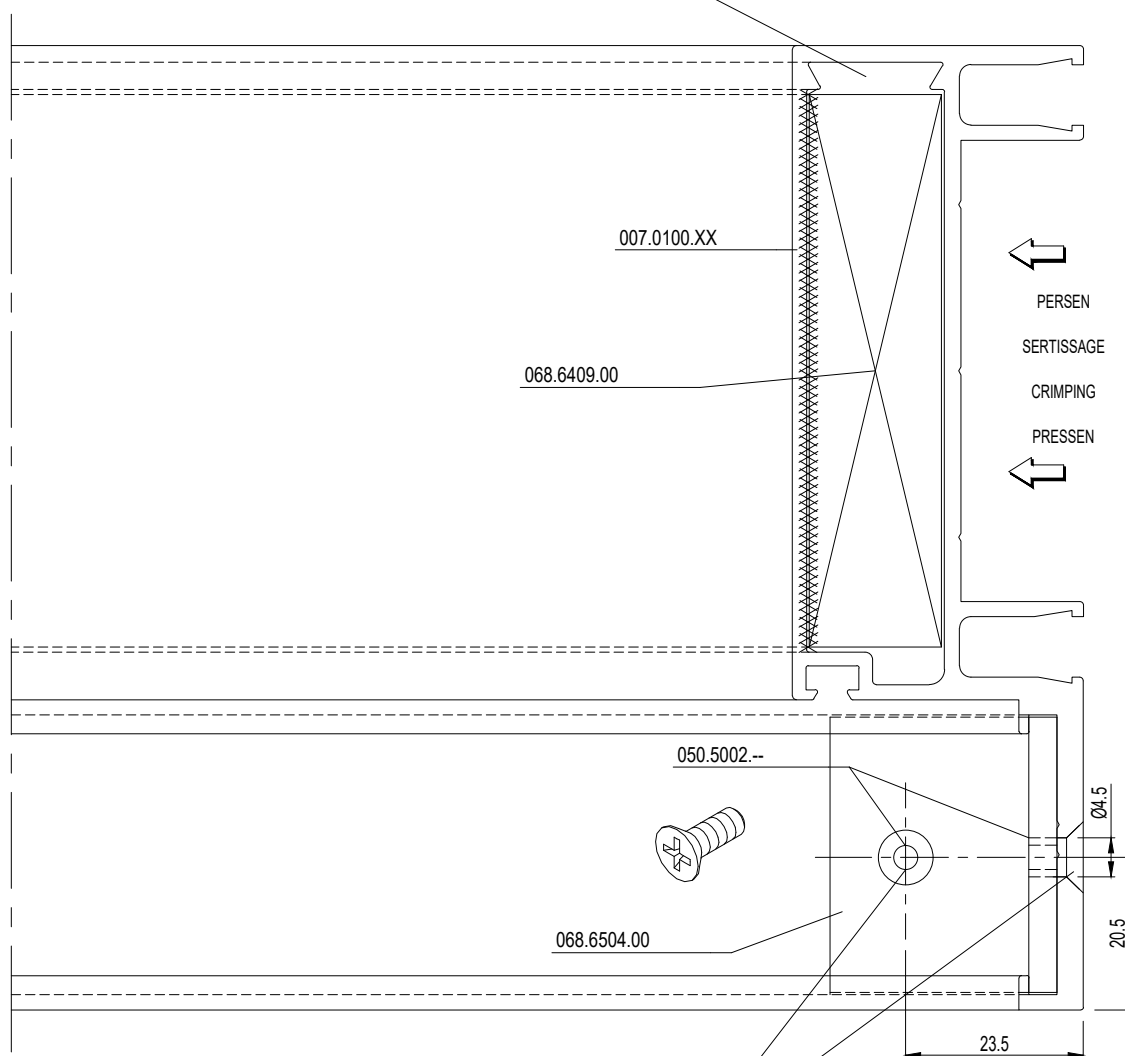




(X) DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

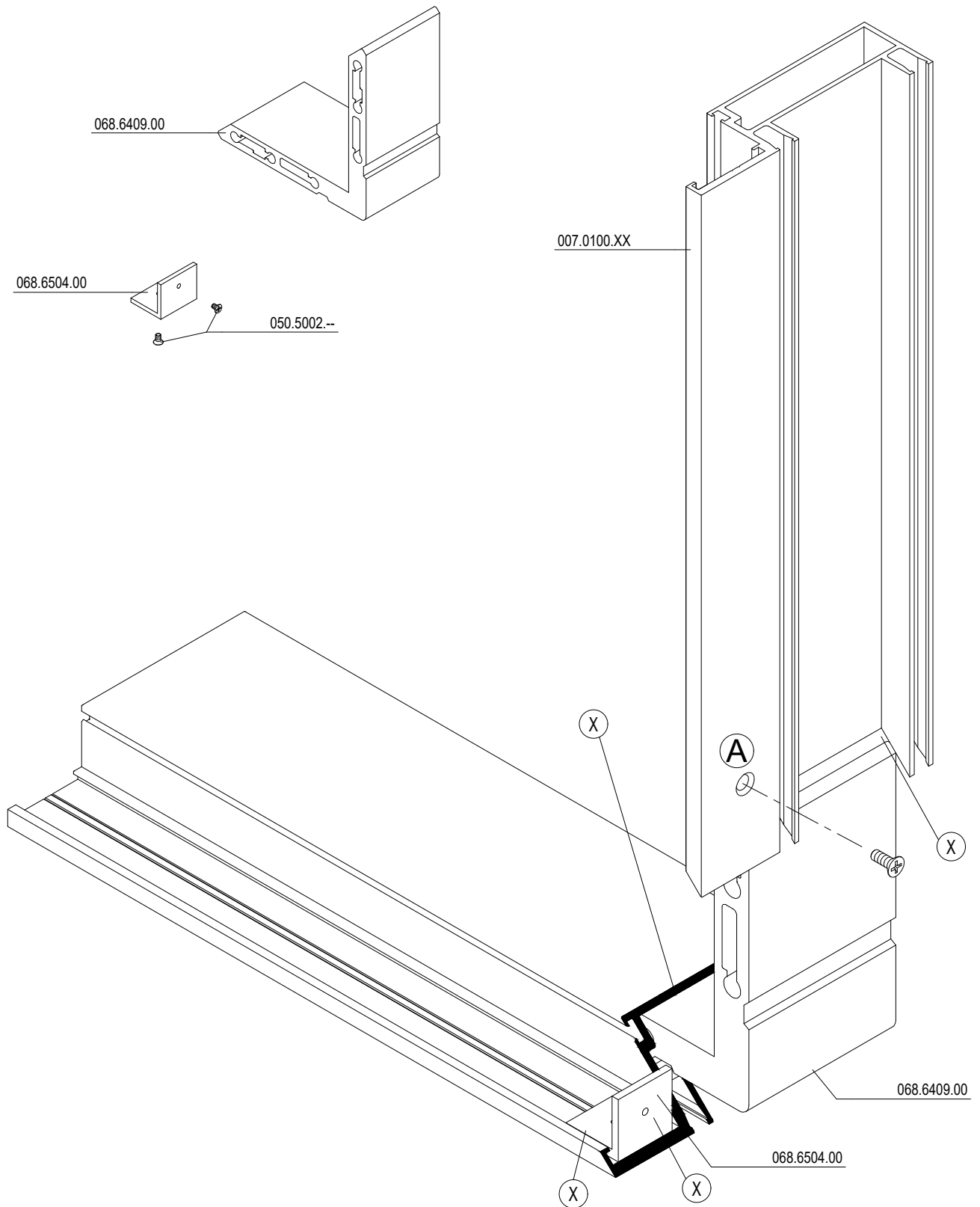


KANAAL NIET OPVULLEN MET DICHTINGSMIDDEL
NE PAS REMPLIR AVEC MATIERE D' ETANCHEITE
DO NOT FILL UP WITH SEALING AGENT
NICH FULLEN MIT ABDICHTUNG



GEFREESD M4
FRAISÉ M4
MILLED M4
GEFRÄST M4

(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG



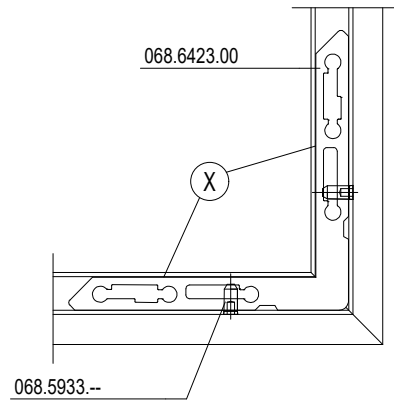
BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

097.0598.00

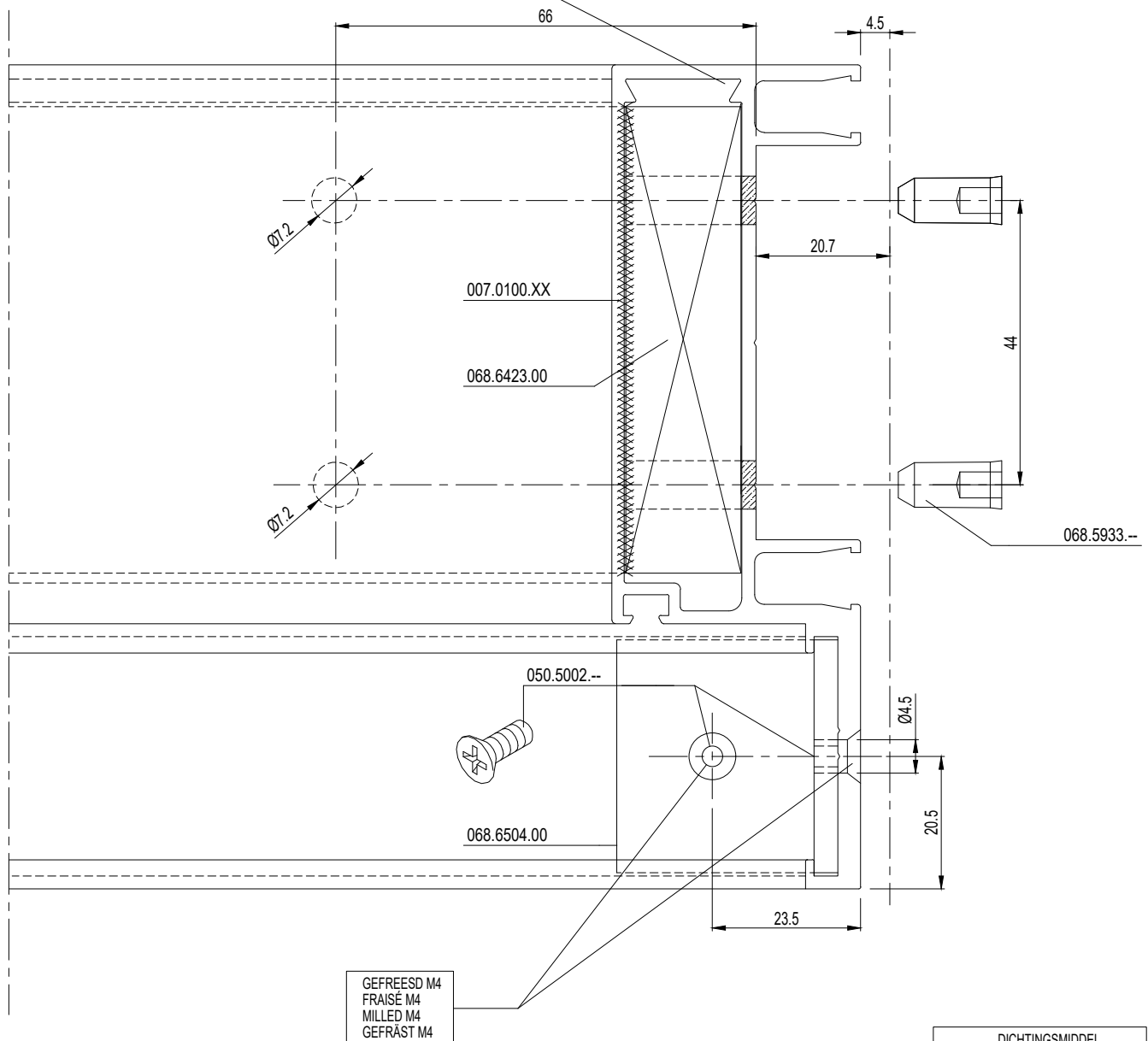
A

F

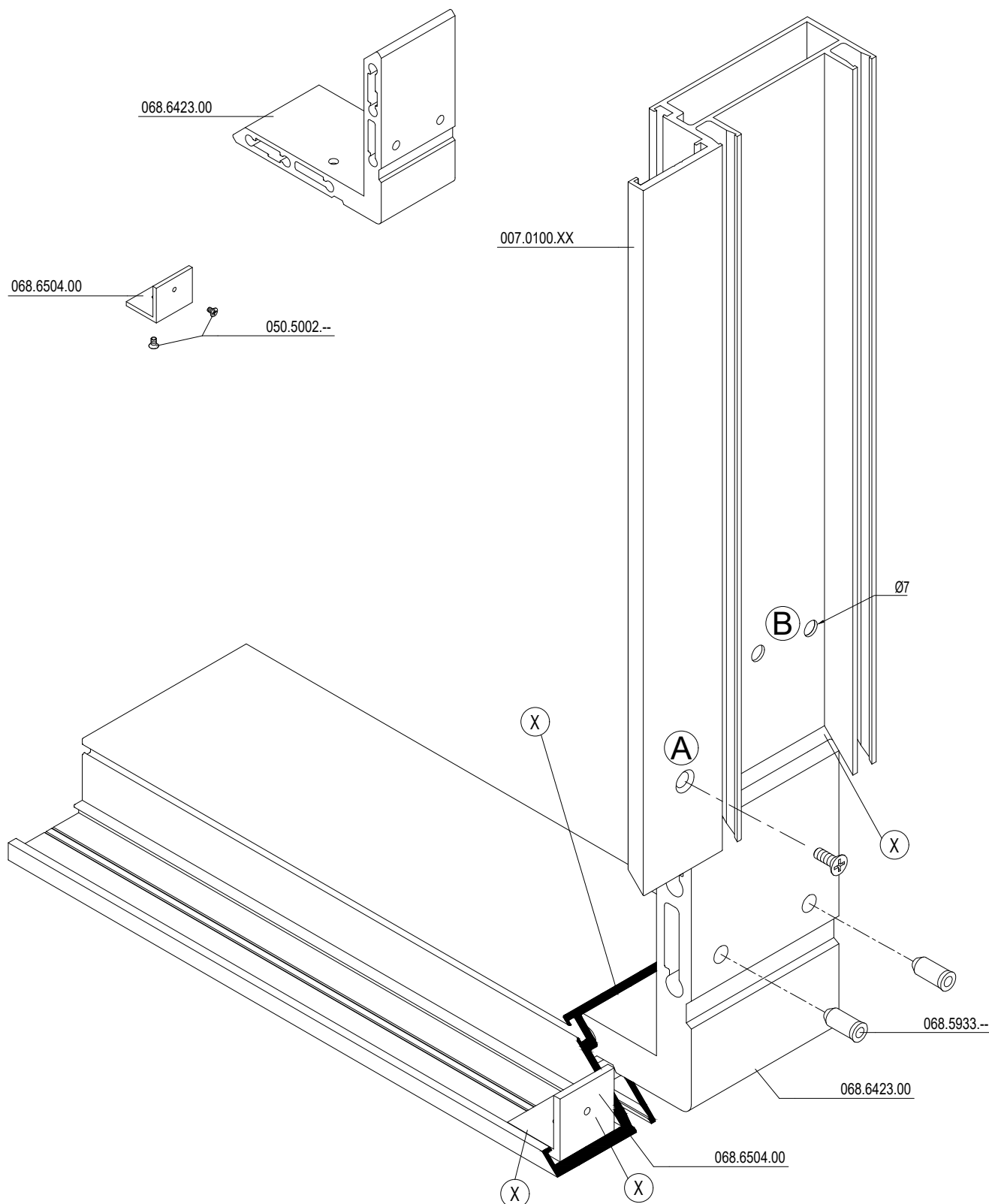
D0045208



KANAAL NIET OPVULLEN MET DICHTINGSMIDDEL
NE PAS REMPLIR AVEC MATIERE D' ETANCHEITE
DO NOT FILL UP WITH SEALING AGENT
NICH FULLEN MIT ABDICHTUNG



(X) DICHTINGSMIDDEL
MATIERE D' ETANCHEITE
SEALING AGENT
ABDICHTUNG



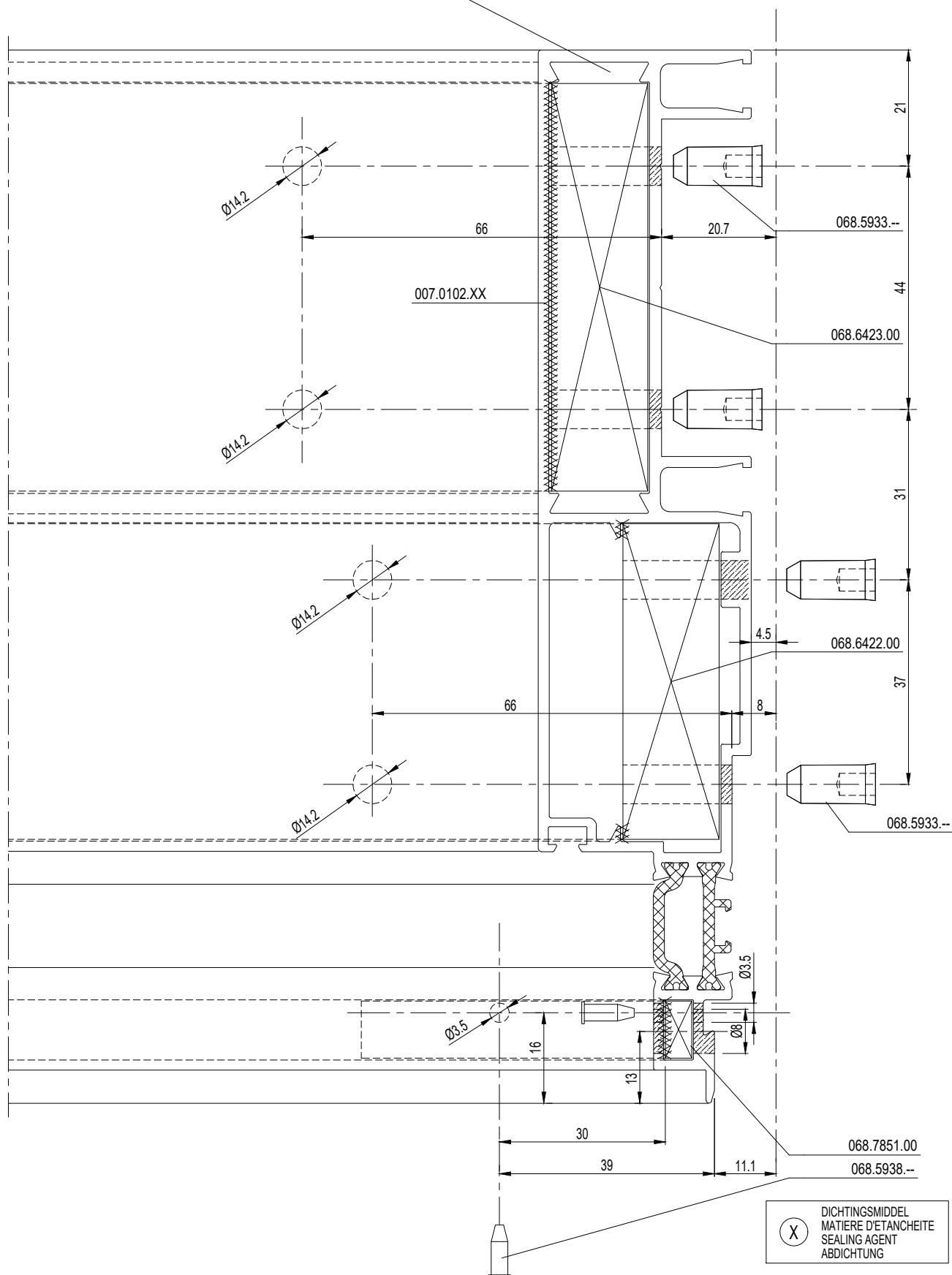
BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

097.0598.00

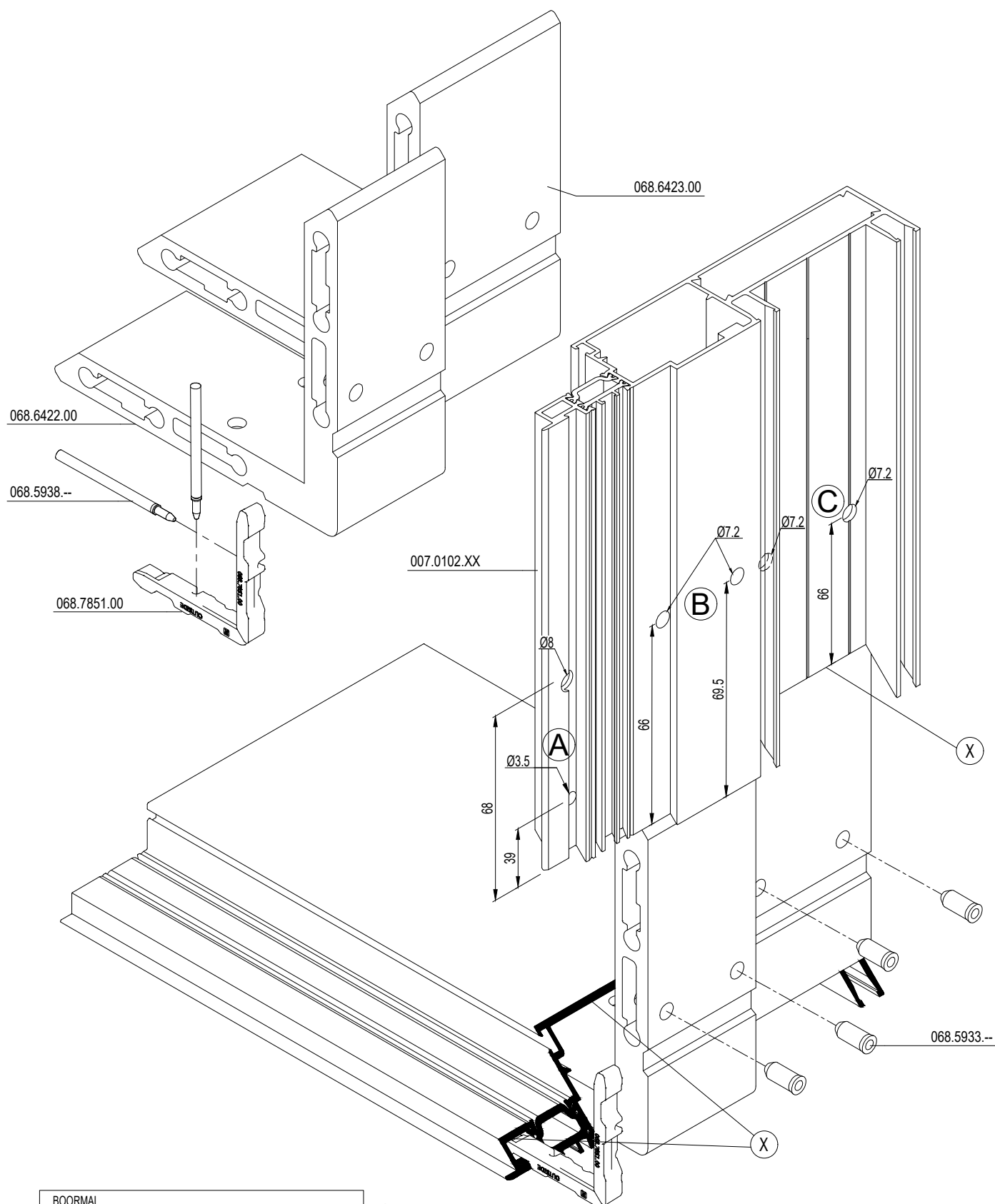
A + B

ALLE PENNEN VAN DE HOEKVERBINDING ZIJN TE PLAATSEN MET LIJM
TOUTES LES CHEVILLES DE L'EQUERRE SONT À FIXER AVEC DE LA COLLE
ALL DRIVE PINS OF THE CORNER CLEAT MUST BE APPLIED WITH GLUE
ALLE STIFTE DES ECKVERBINDERS SOLLEN MIT LEIM ANGEBRACHT WERDEN

KANAAL NIET OPVULLEN MET DICHTINGSMIDDEL
PAS REMPLIR AVEC MATIERE D' ETANCHEITE
DO NOT FILL UP WITH SEALING AGENT
NICH FULLEN MIT ABDICHTUNG



D00045210



BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

097.0598.00

©

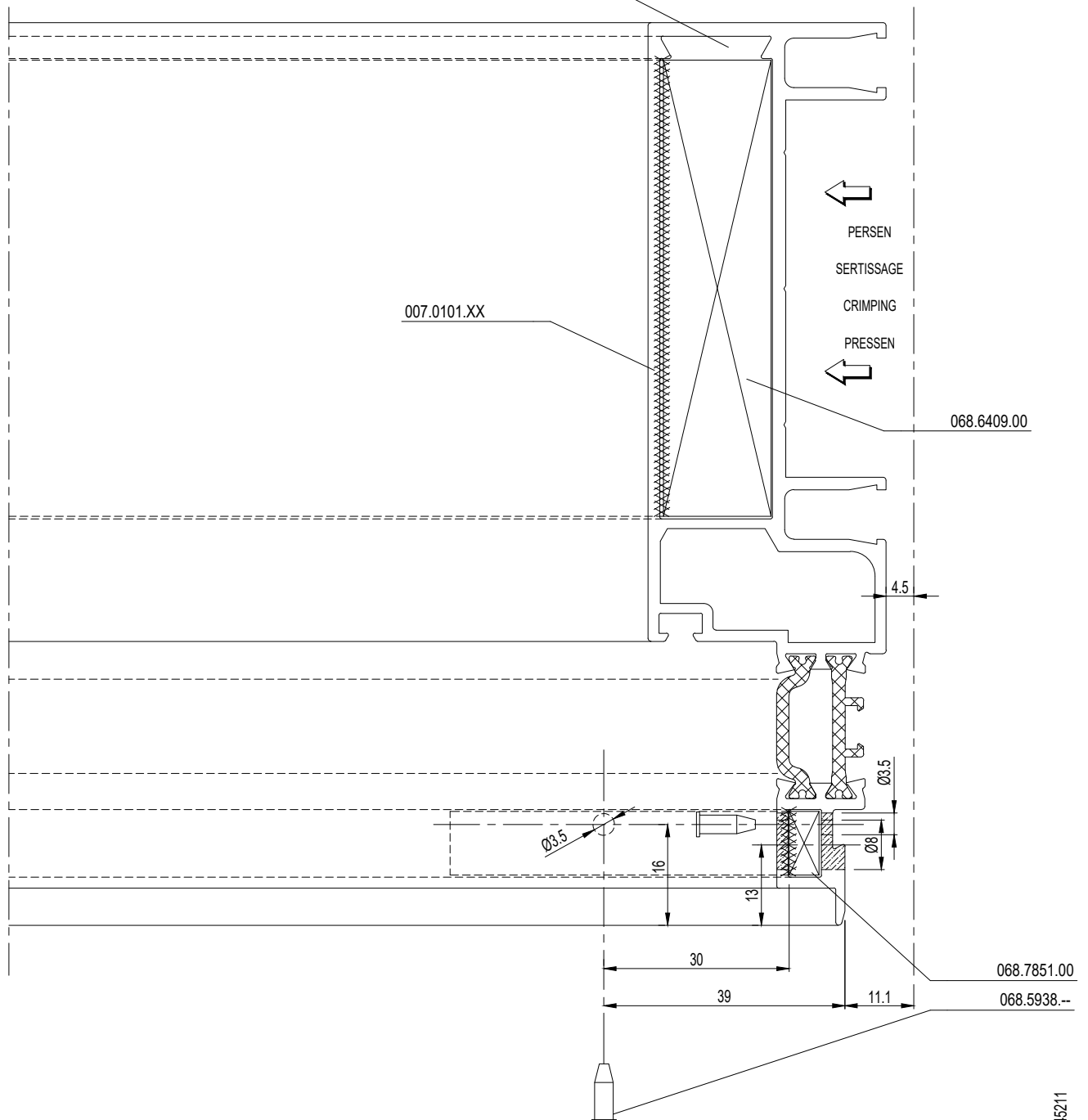
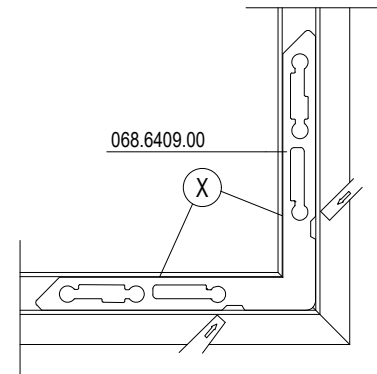
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CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

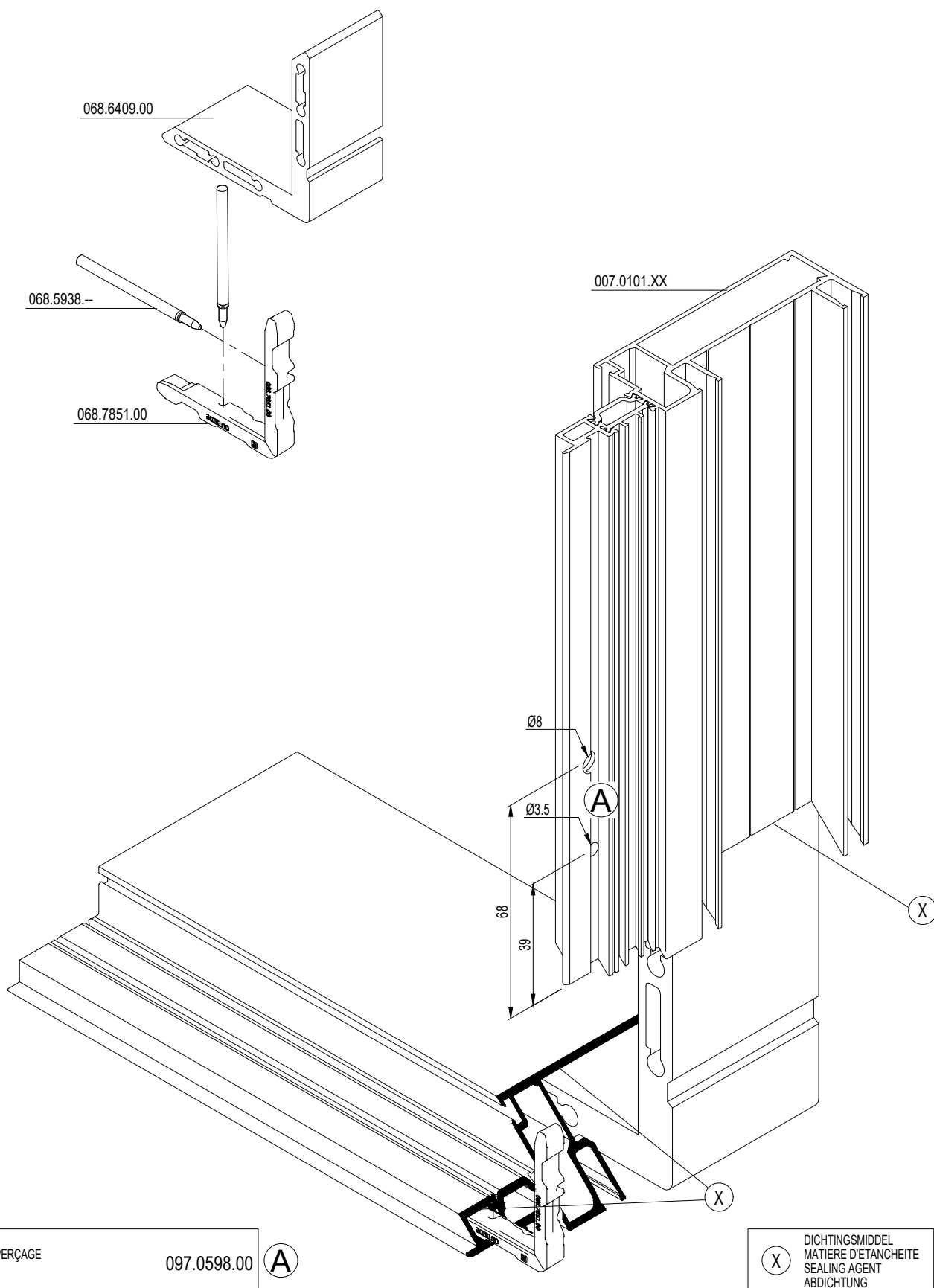
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A + B

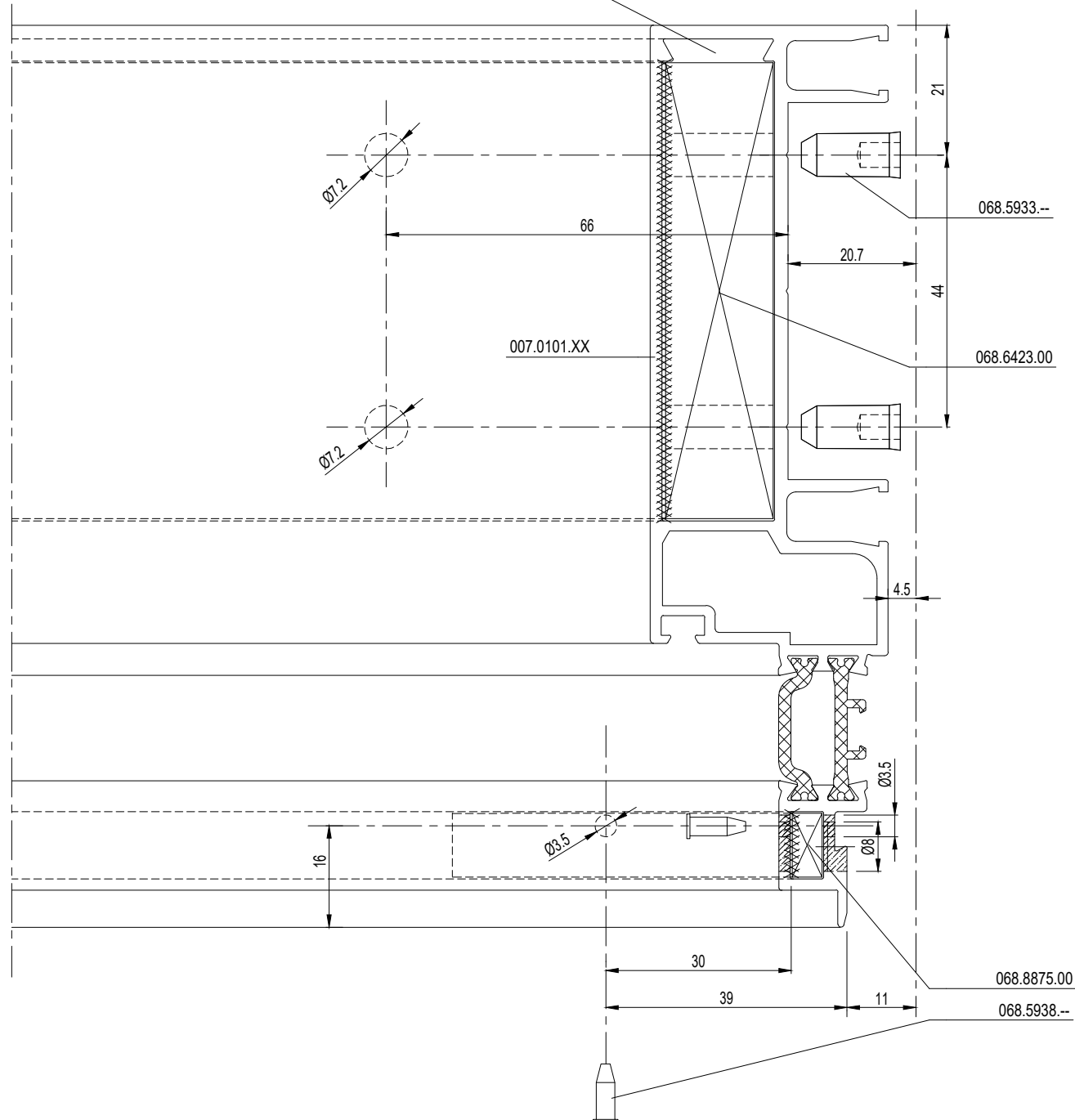
ALLE PENNEN VAN DE HOEKVERBINDING ZIJN TE PLAATSEN MET LIJM
TOUTES LES CHEVILLES DE L'ÉQUERRE SONT À FIXER AVEC DE LA COLLE
ALL DRIVE PINS OF THE CORNER CLEAT MUST BE APPLIED WITH GLUE
ALLE STIFTE DES ECKVERBINDERS SOLLEN MIT LEIM ANGEBRACHT WERDEN

KANAAL NIET OPVULLEN MET DICHTINGSMIDDEL
NE PAS REMPLIR AVEC MATIERE D'ETANCHEITE
DO NOT FILL UP WITH SEALING AGENT
NICH FULLEN MIT ABDICHTING



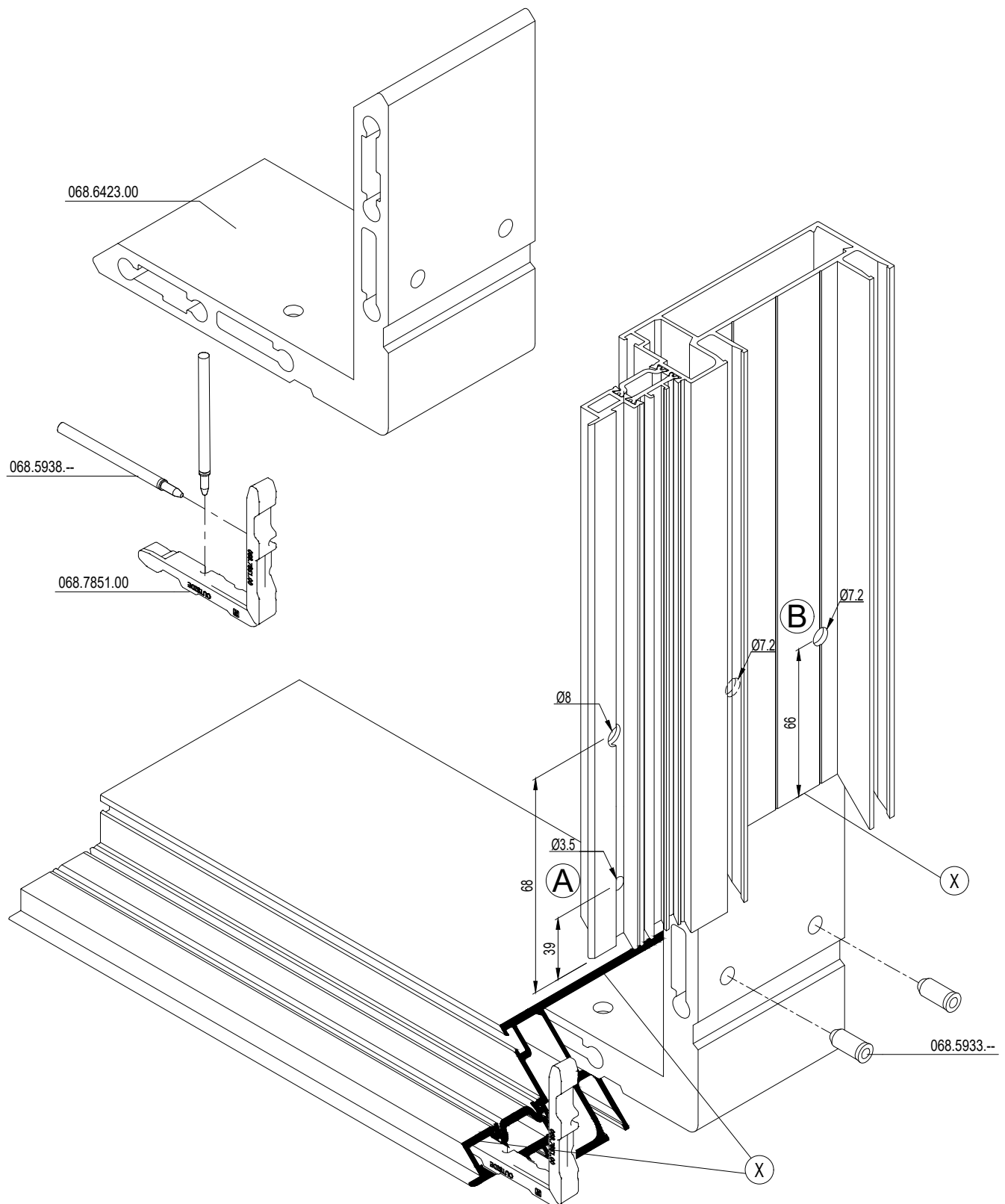


KANAAL NIET OPVULLEN MET DICHTINGSMIDDEL
NE PAS REMPLIR AVEC MATIERE D' ETANCHEITE
DO NOT FILL UP WITH SEALING AGENT
NICH FULLEN MIT ABDICHTING



(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

D0045212

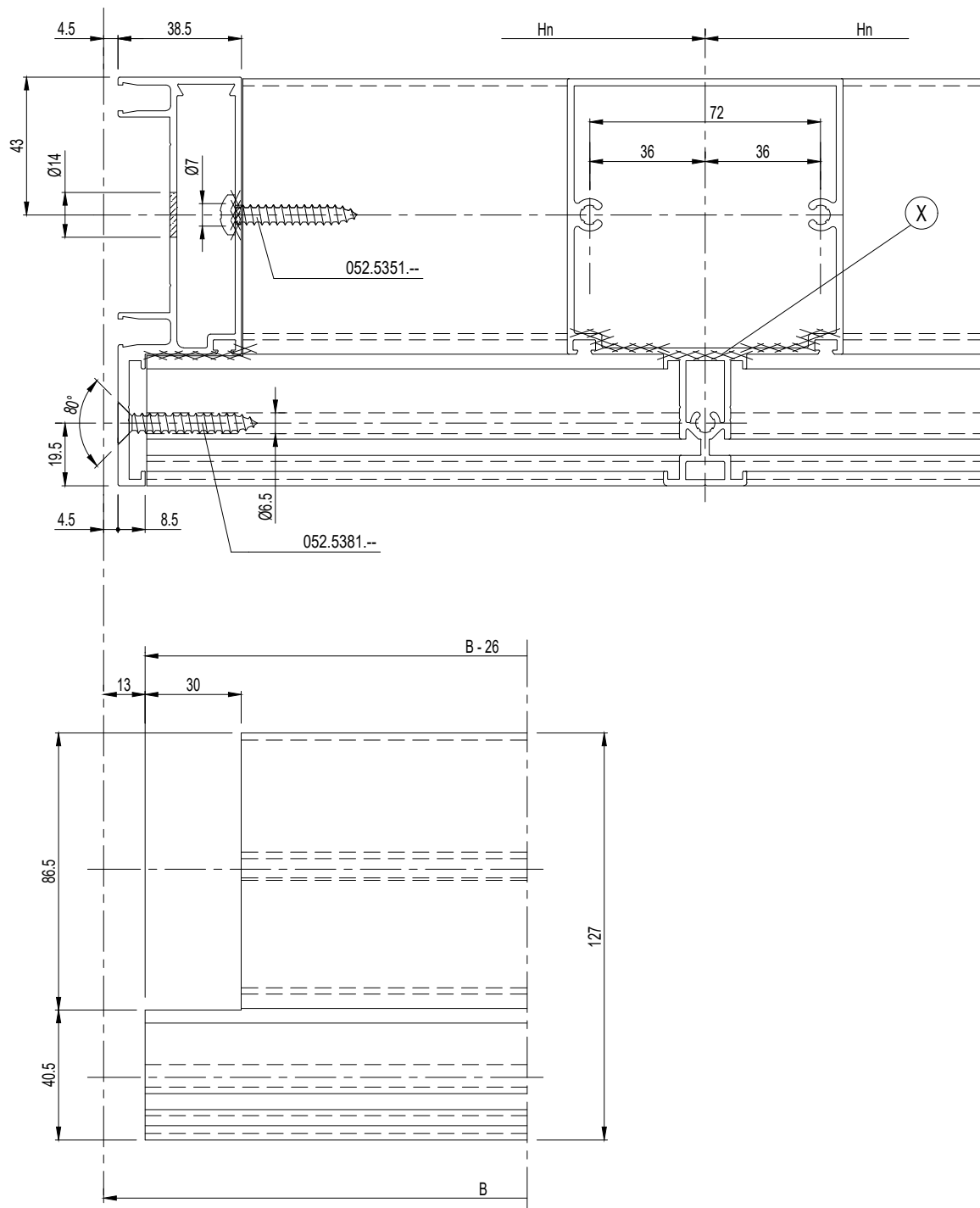


BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

097.0599.00

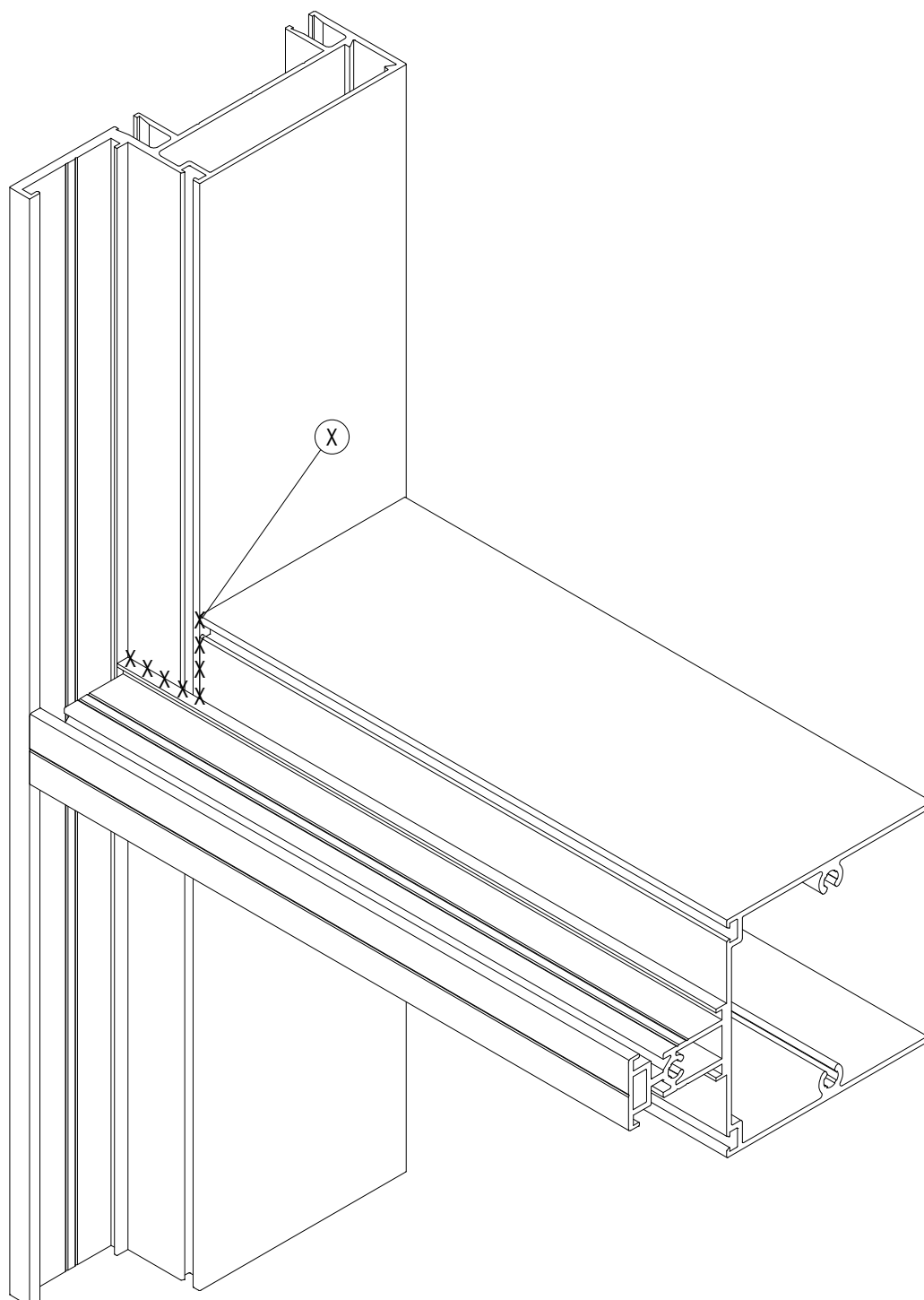
A + B

ALLE PENNEN VAN DE HOEKVERBINDING ZIJN TE PLAATSEN MET LIJM
TOUTES LES CHEVILLES DE L'ÉQUERRE SONT À FIXER AVEC DE LA COLLE
ALL DRIVE PINS OF THE CORNER CLEAT MUST BE APPLIED WITH GLUE
ALLE STIFTE DES ECKVERBINDERS SOLLEN MIT LEIM ANGEBRACHT WERDEN



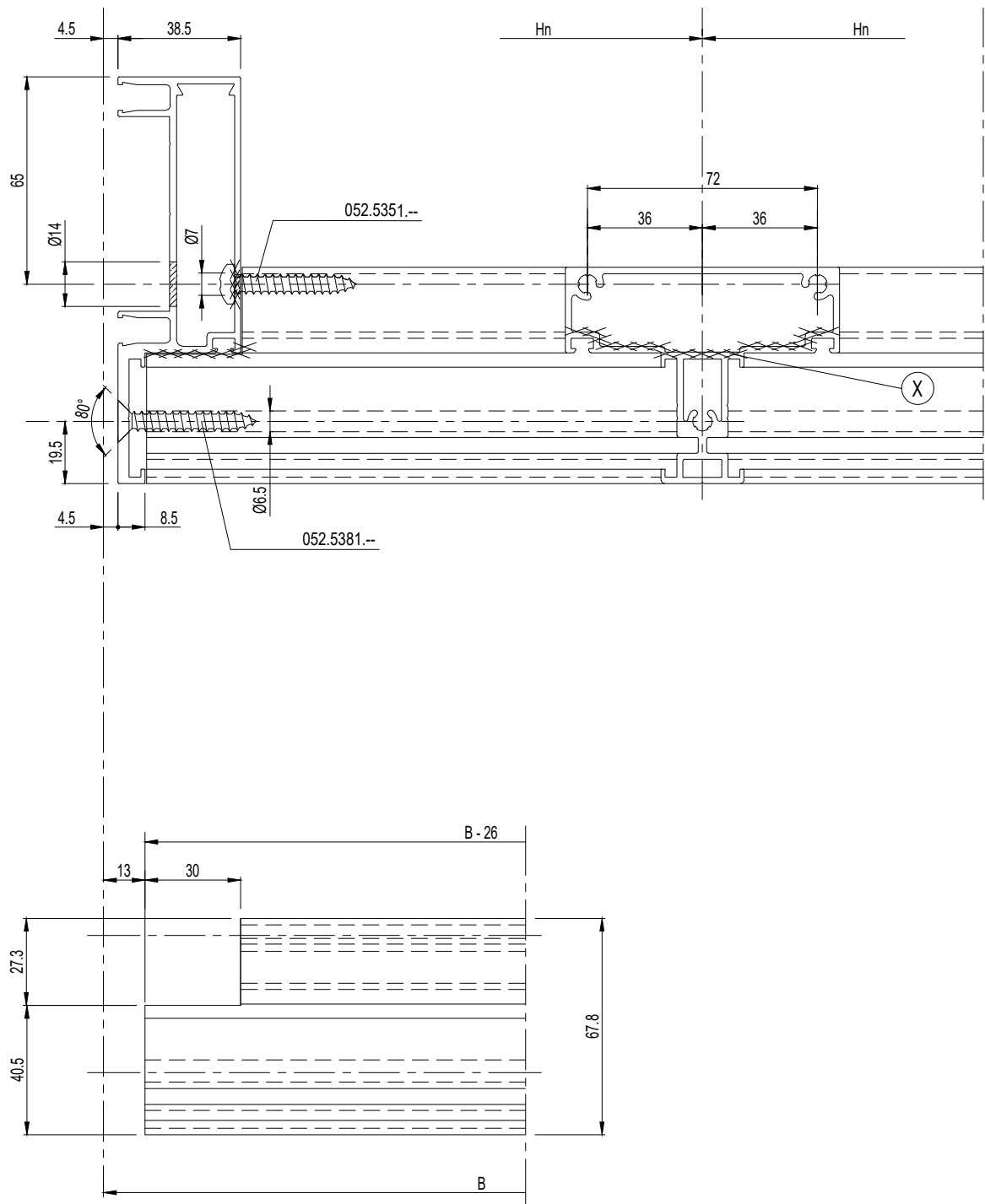
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 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

D0045213

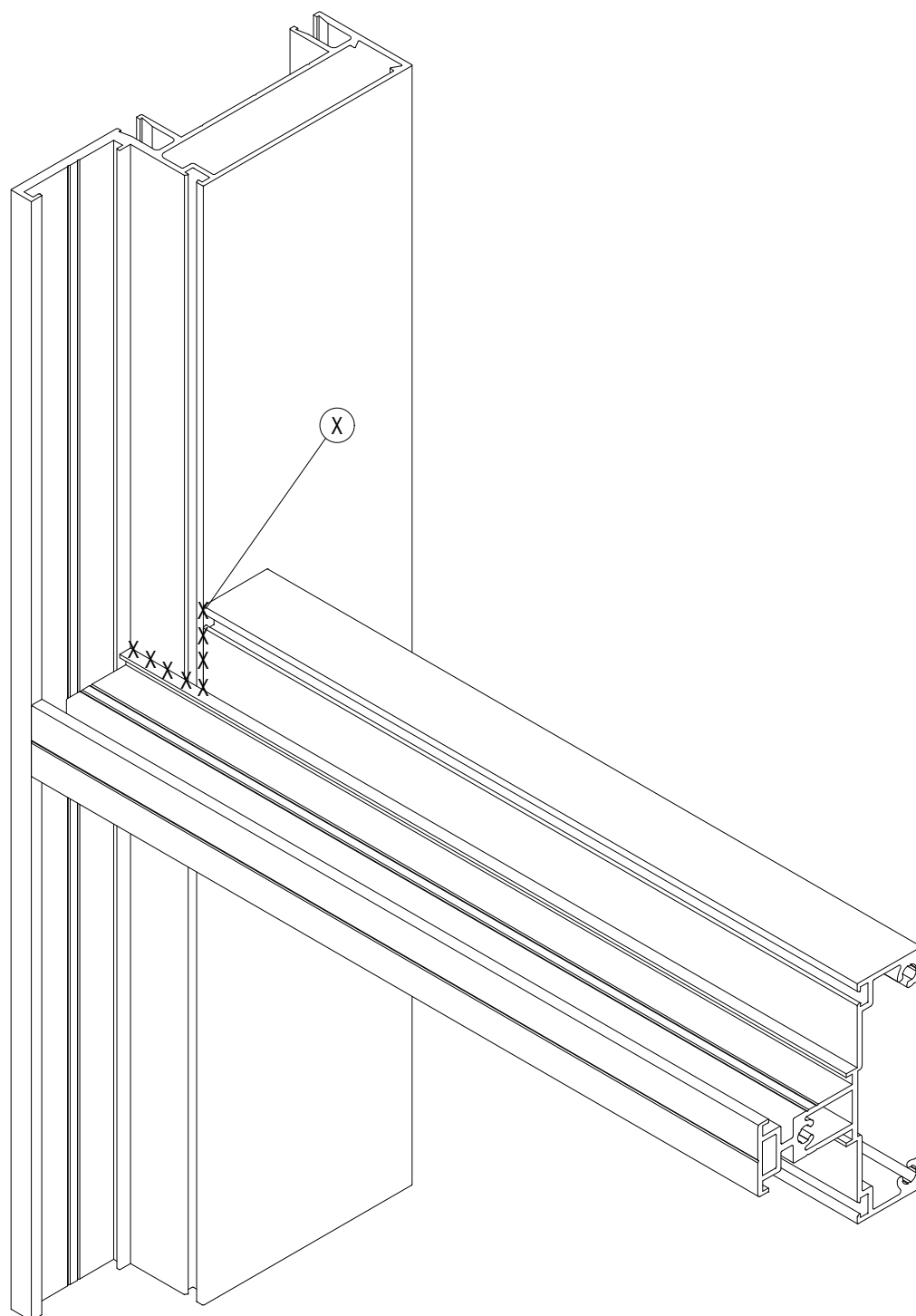


BOORMAL
 CALIBRE DE PERÇAGE
 BORING JIG
 BOHRLEHRE

097.0595.00

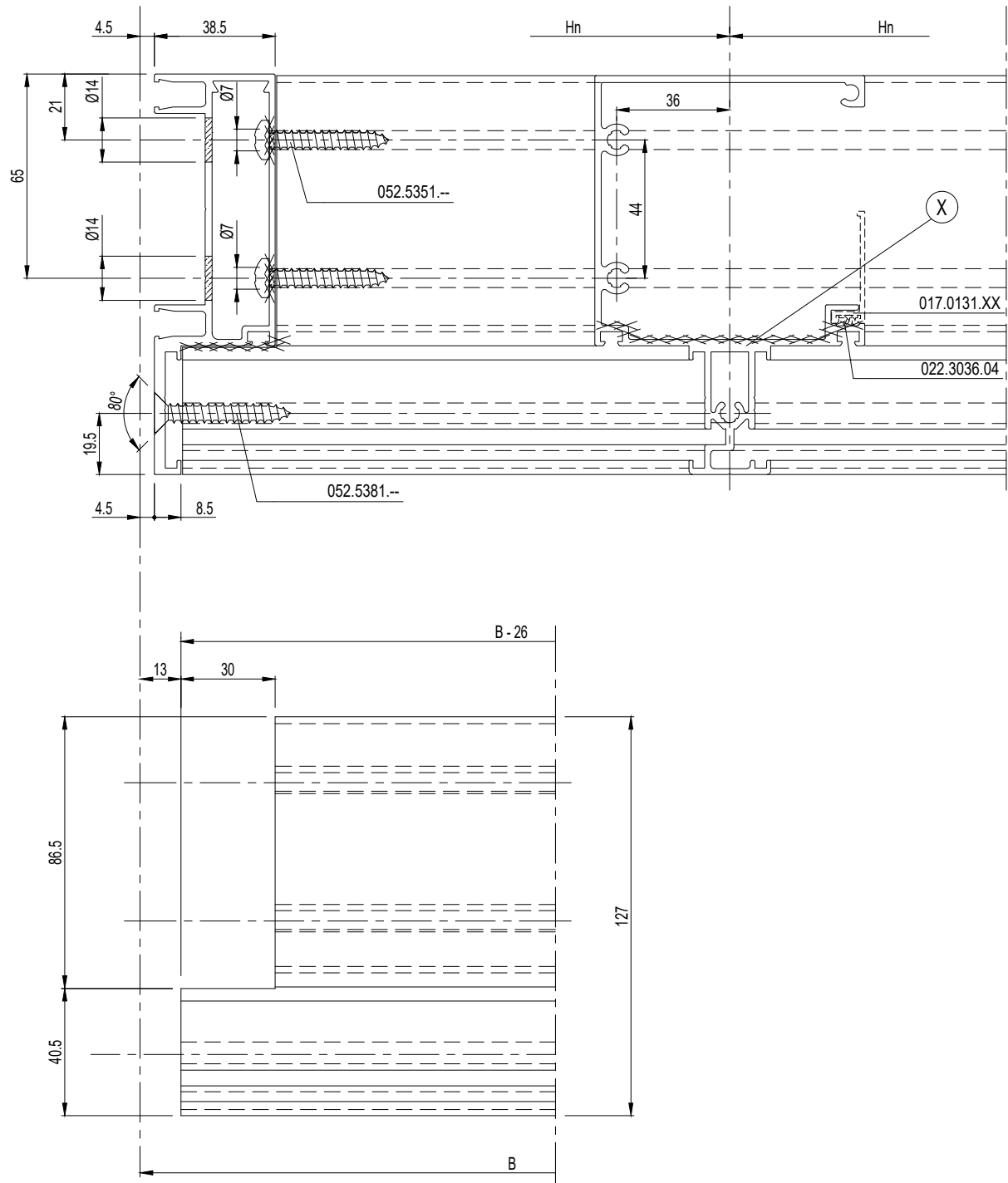


(X) DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG



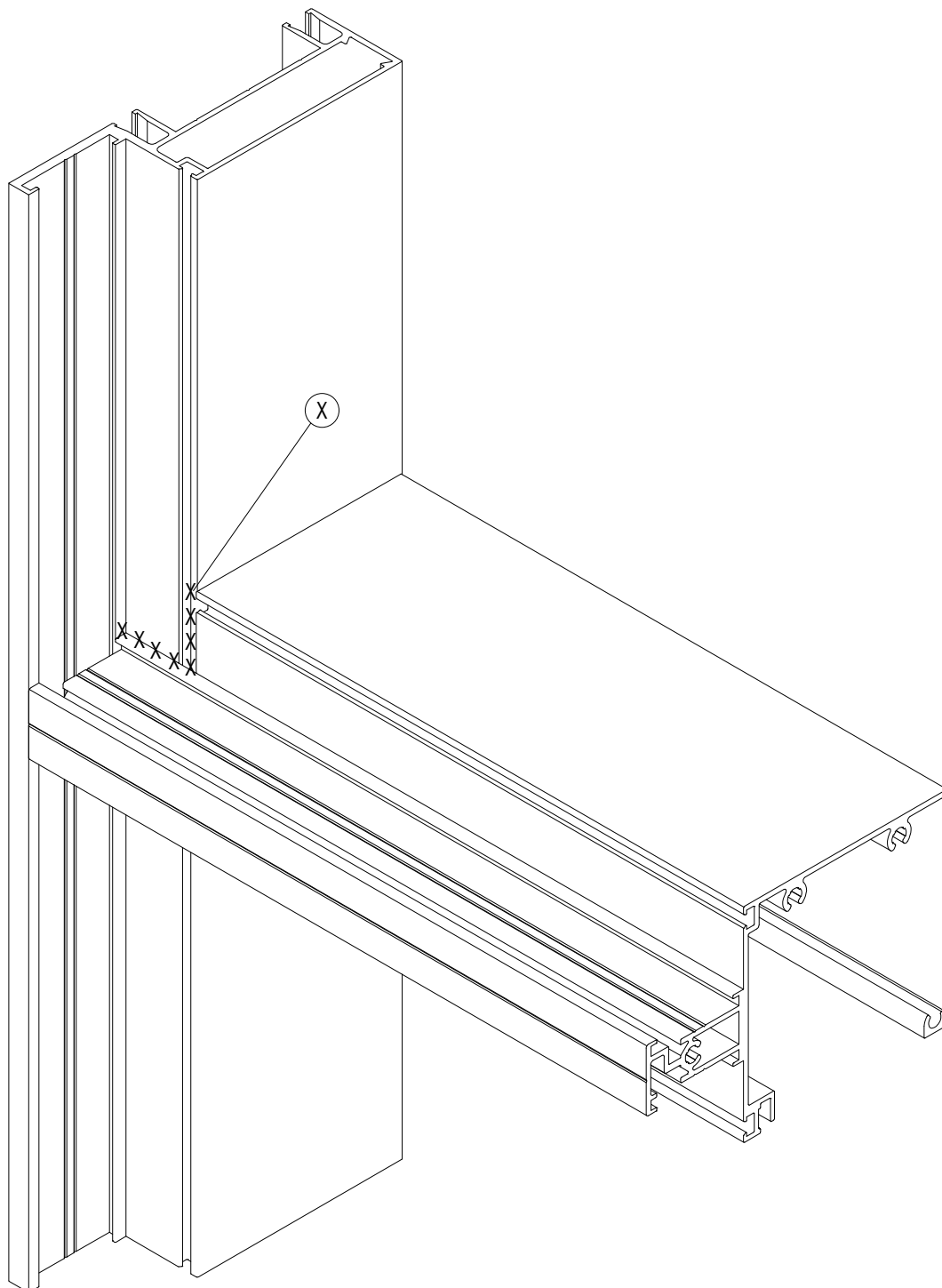
BOORMAL
 CALIBRE DE PERÇAGE
 BORING JIG
 BOHRLEHRE

097.0631.00



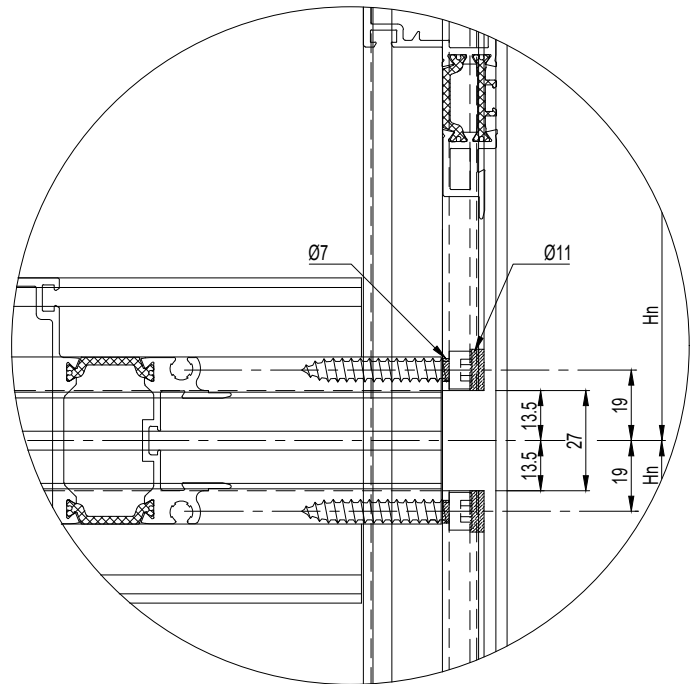
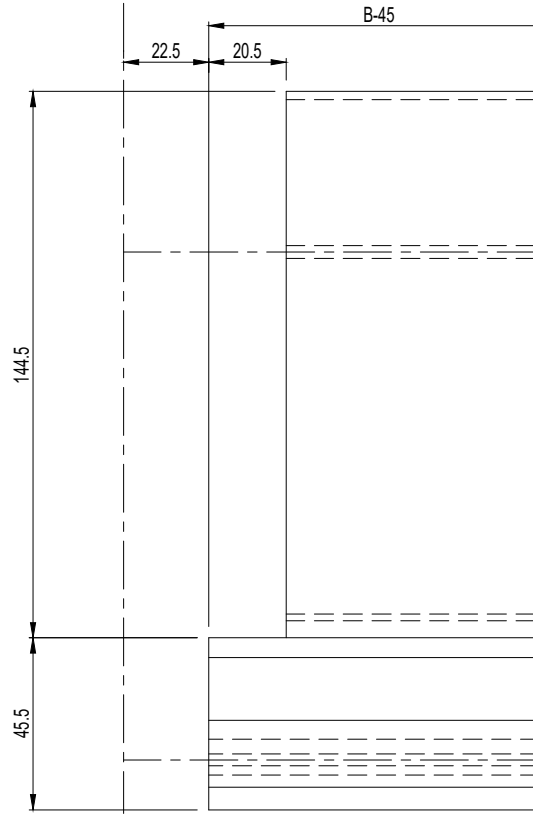
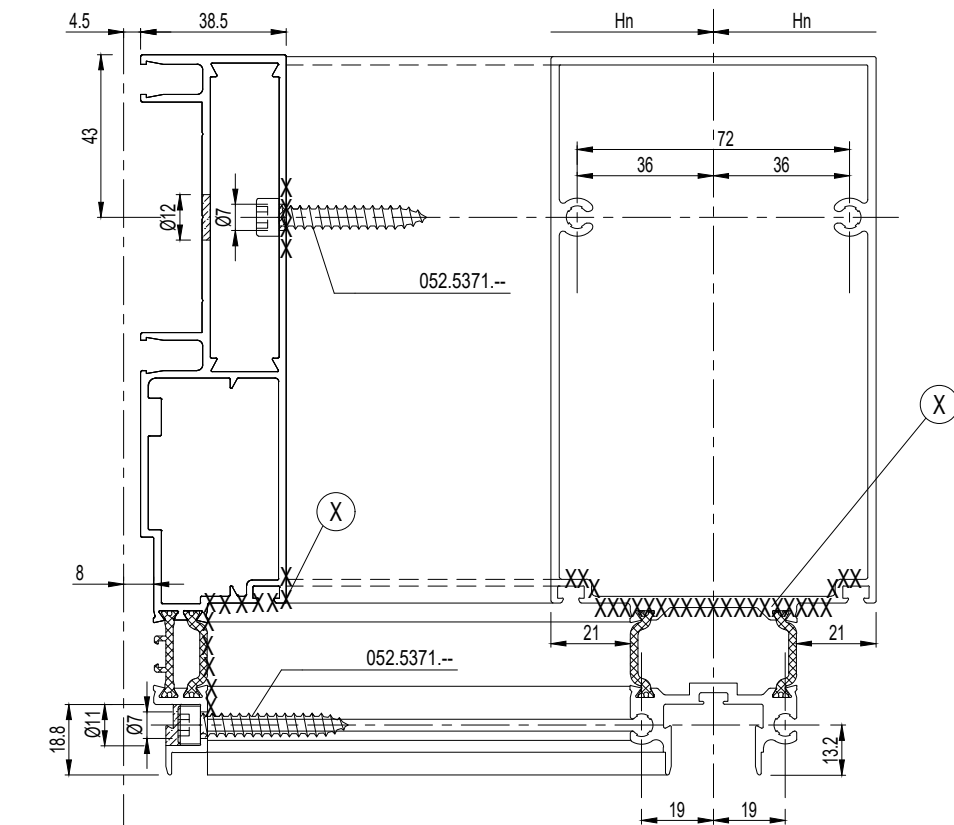
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SEALING AGENT
ABDICHTUNG

D0045301



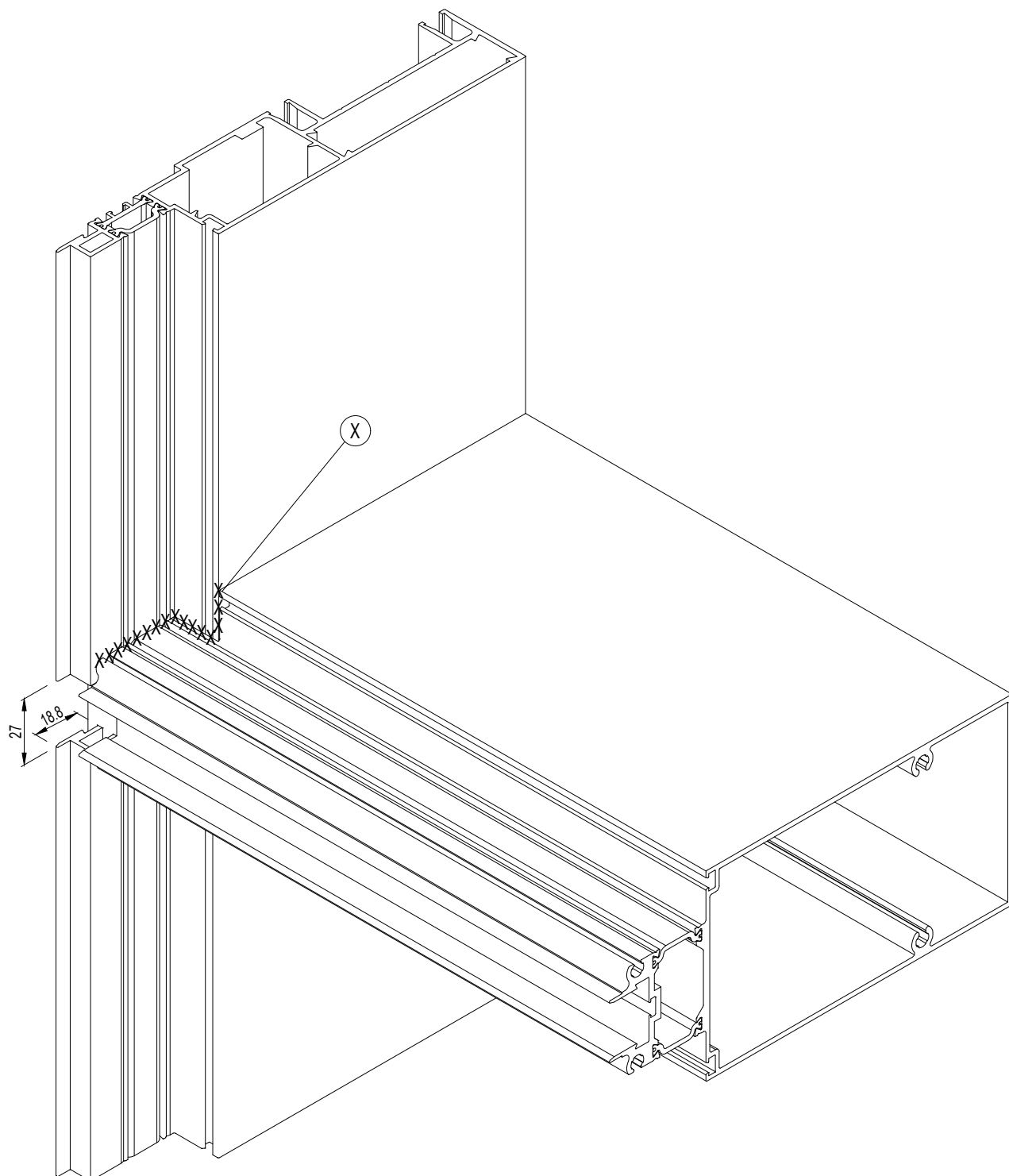
BOORMAL
 CALIBRE DE PERÇAGE
 BORING JIG
 BOHRLEHRE

097.0631.00



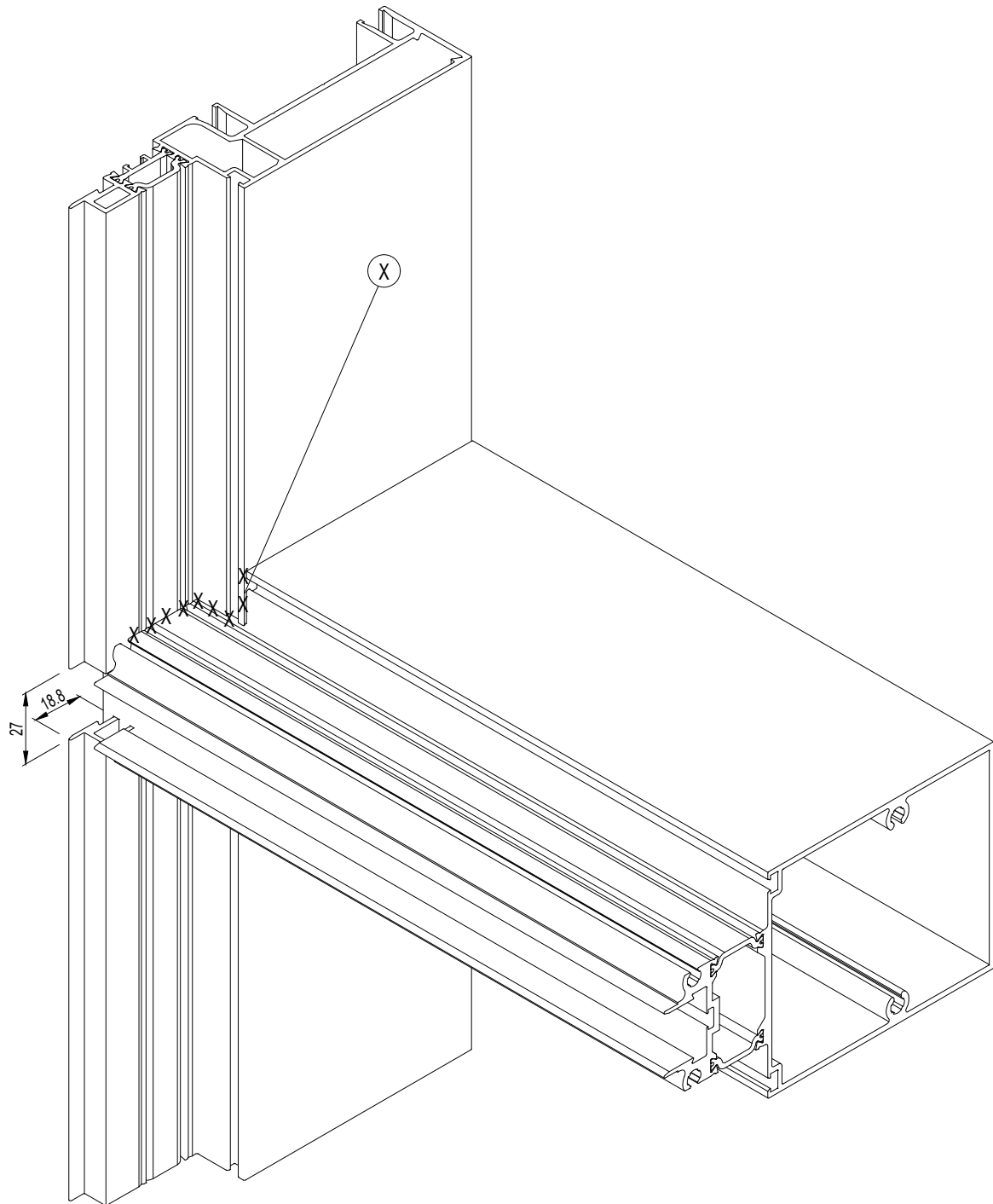
X DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

D0045214



BOORMAL
 CALIBRE DE PERÇAGE
 BORING JIG
 BOHRLEHRE

097.0596.00



BOORMAL
 CALIBRE DE PERÇAGE
 BORING JIG
 BOHRLEHRE

097.0711.00

Ⓐ

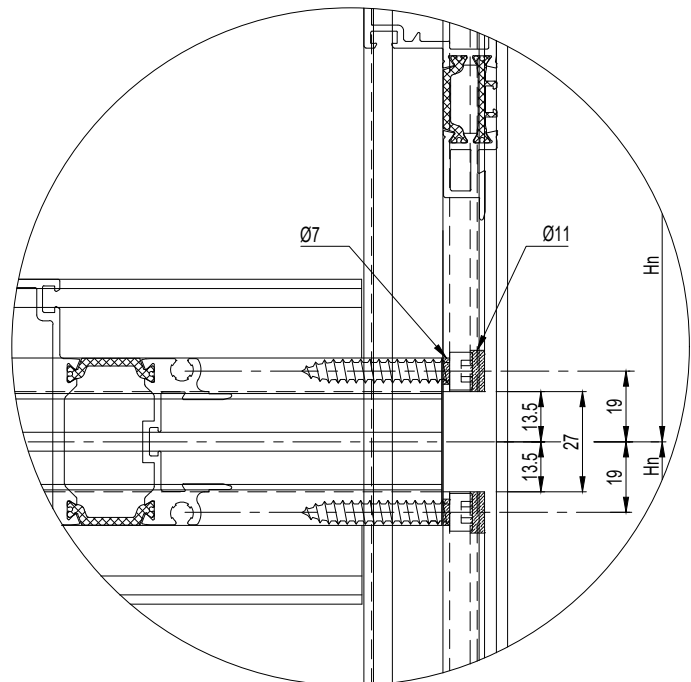
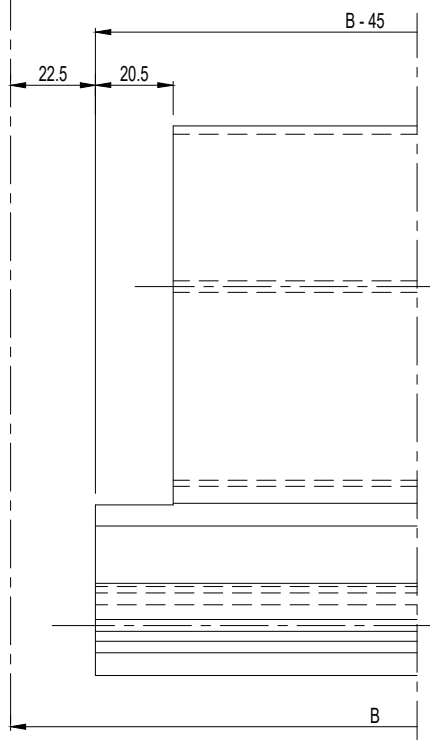
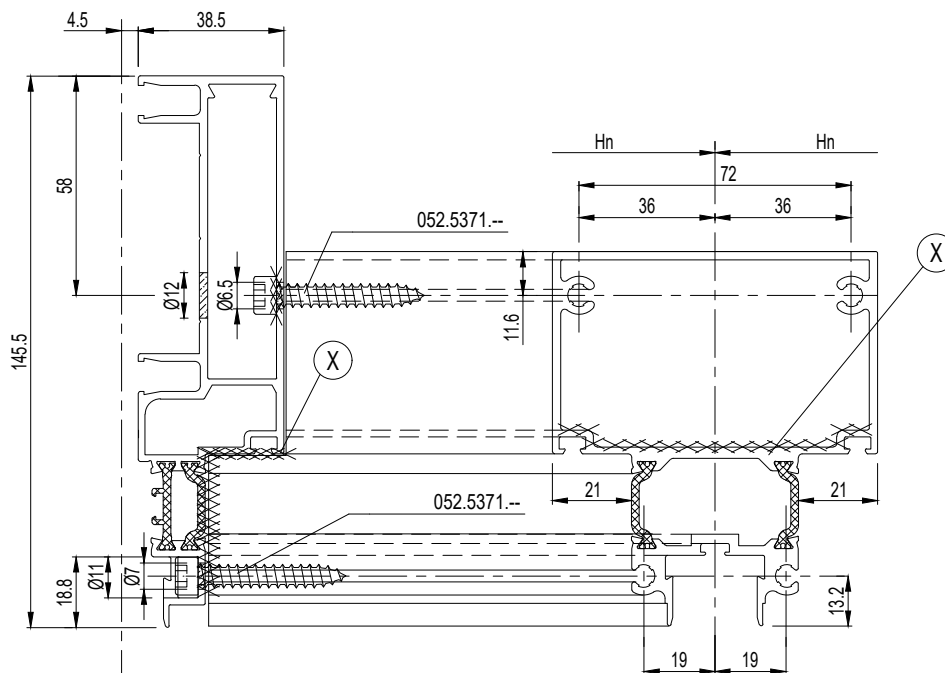
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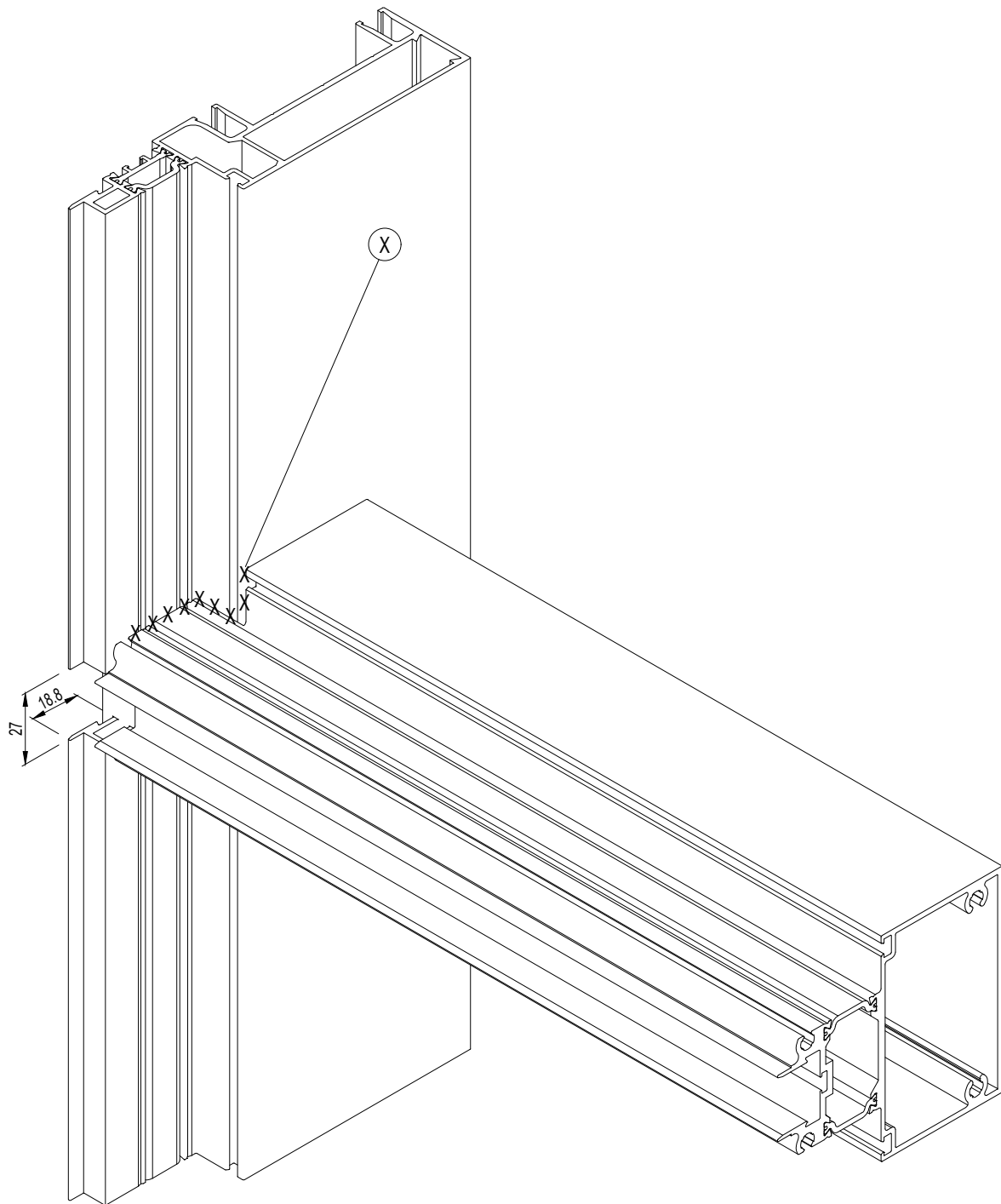
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F

D0045215

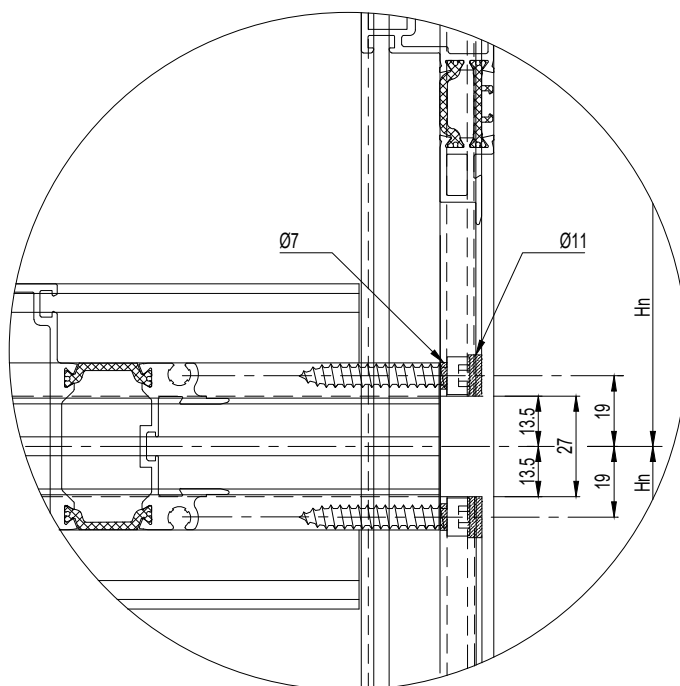
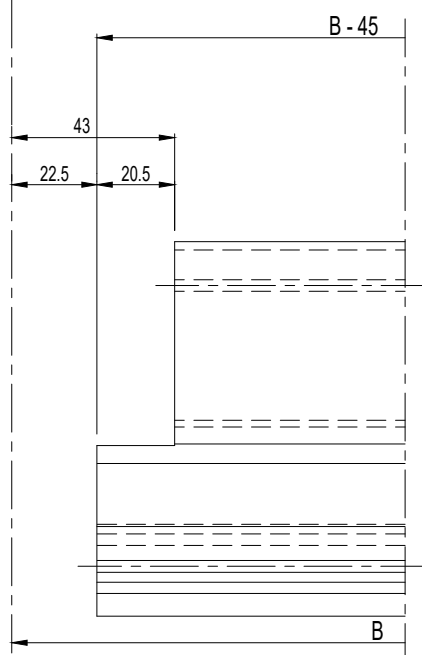
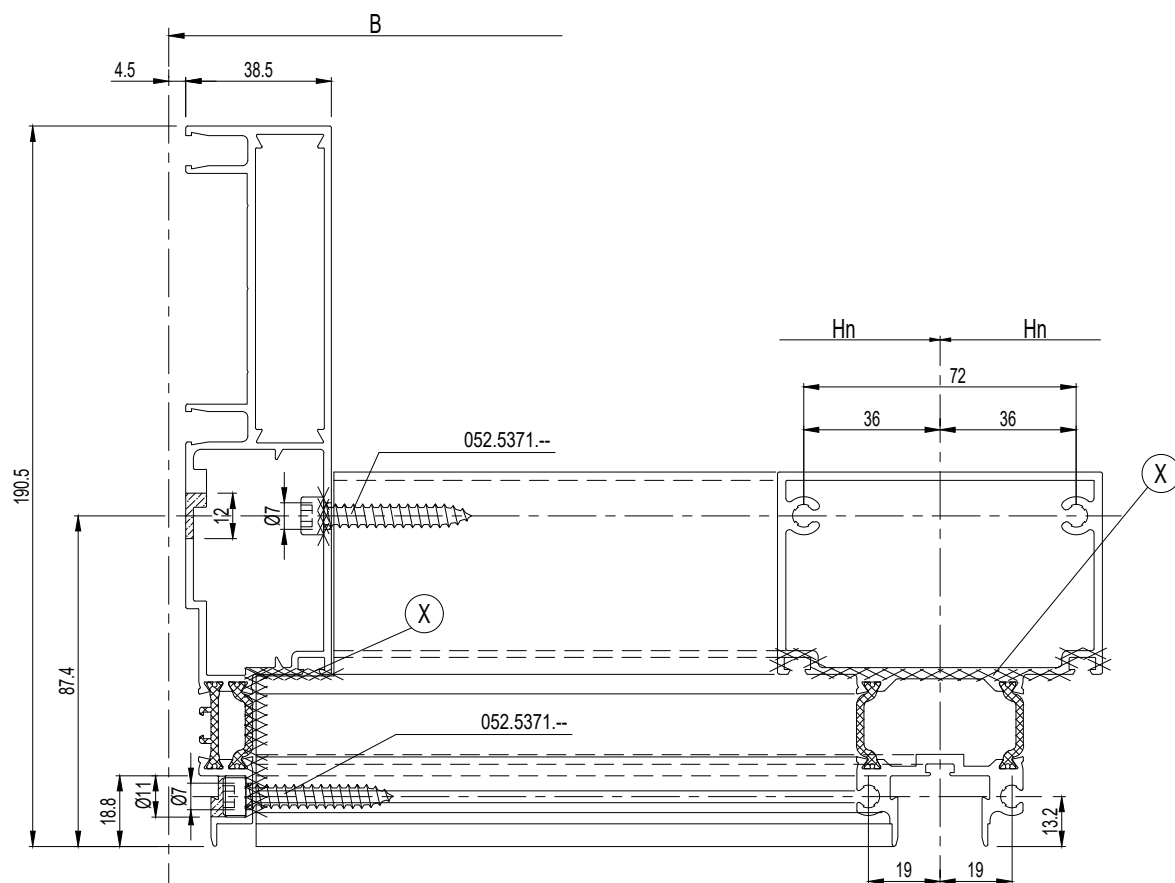


X DICHTINGSMIDDEL
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SEALING AGENT
ABDICHTUNG

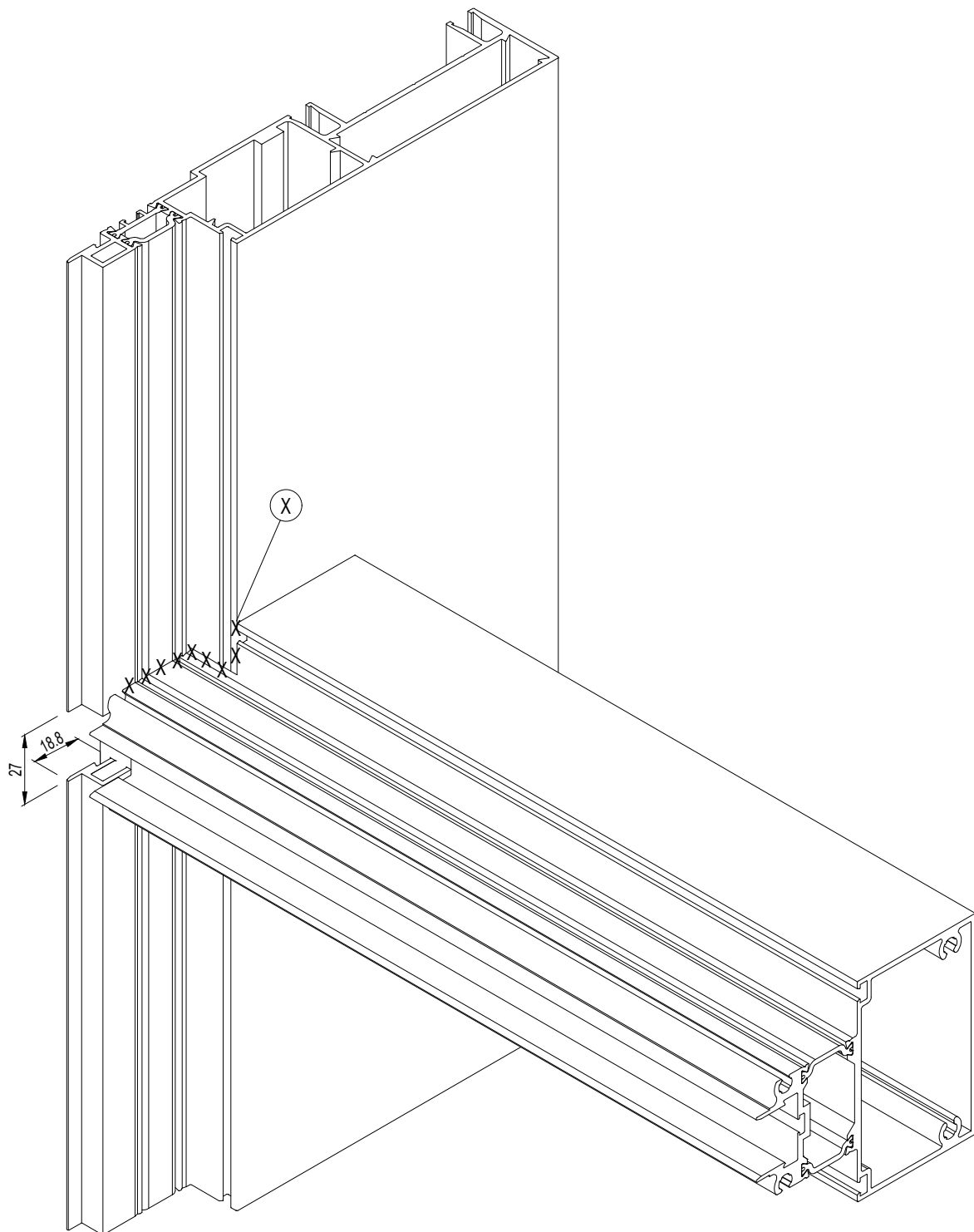


BOORMAL
 CALIBRE DE PERÇAGE
 BORING JIG
 BOHRLEHRE

097.0632.00

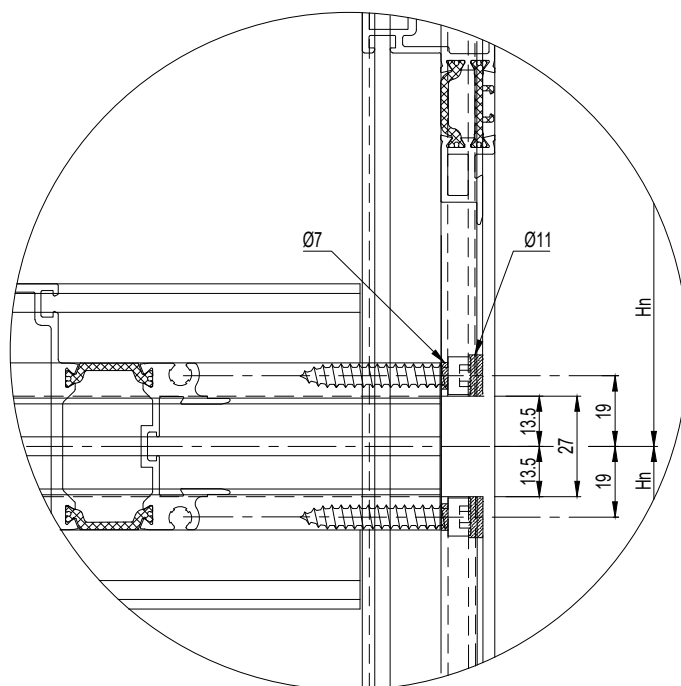
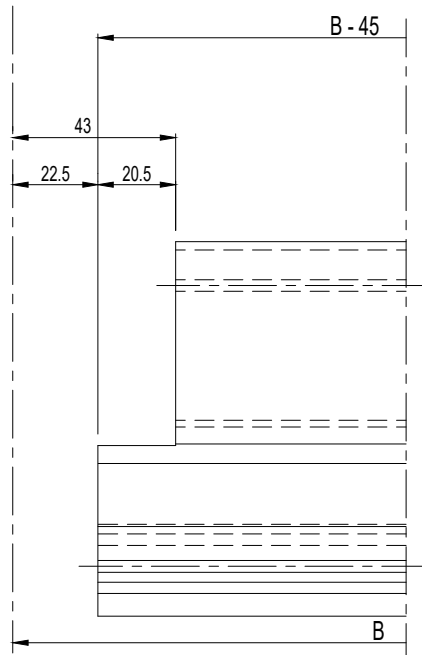
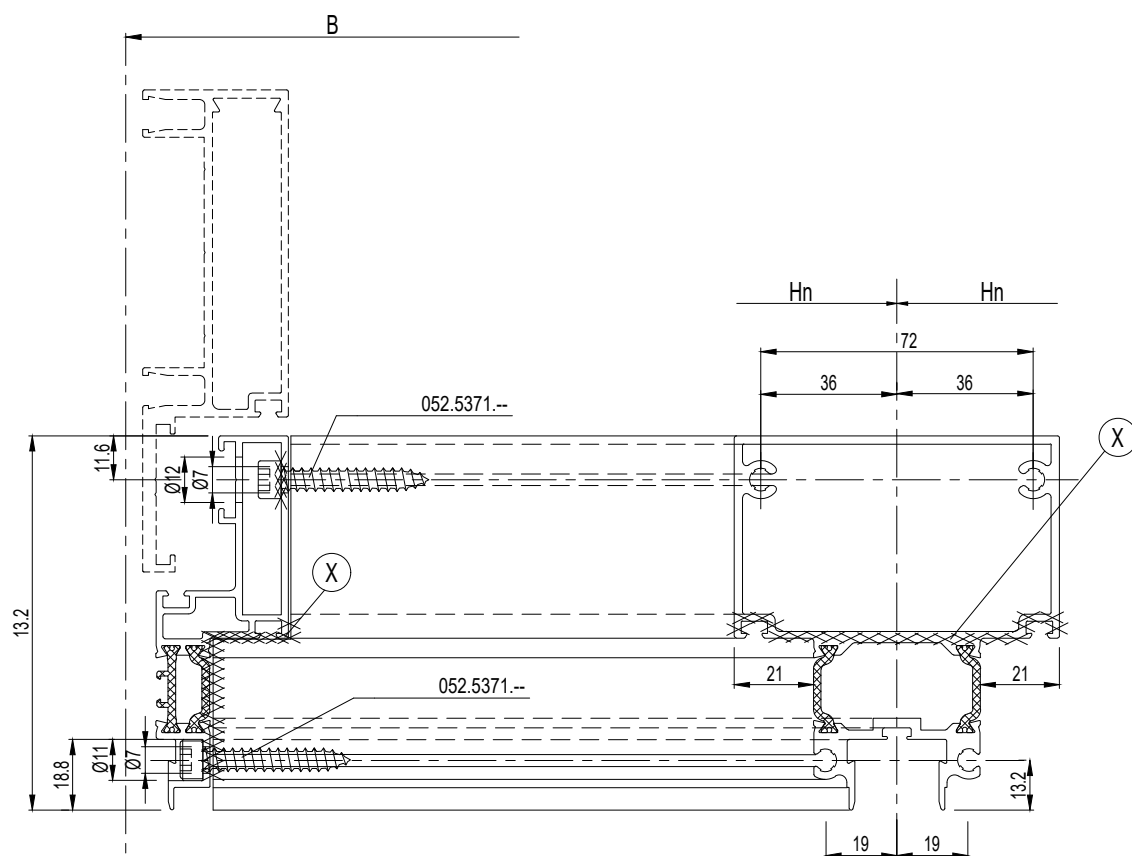


(X) DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

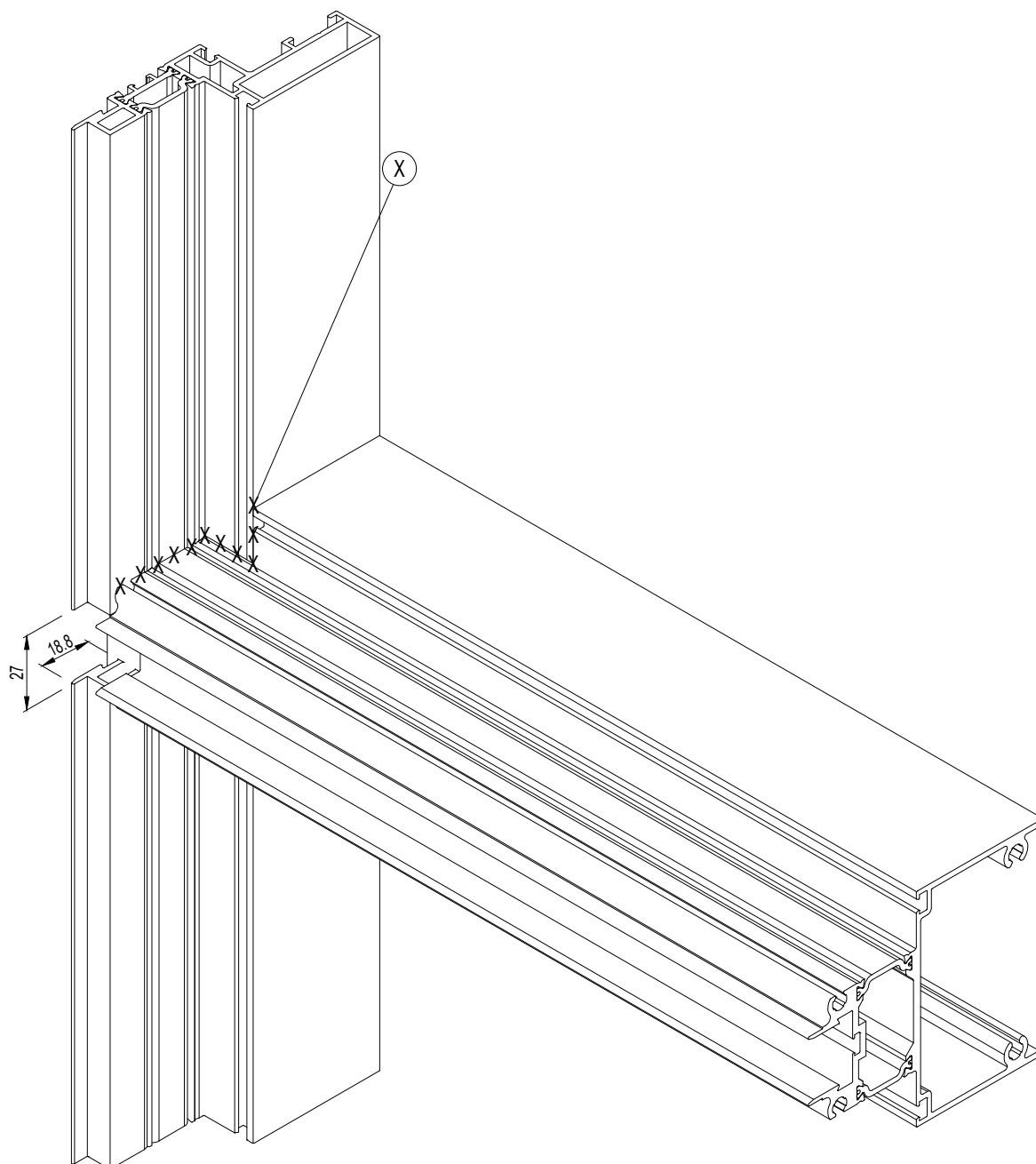


BOORMAL
 CALIBRE DE PERÇAGE
 BORING JIG
 BOHRLEHRE

097.0632.00

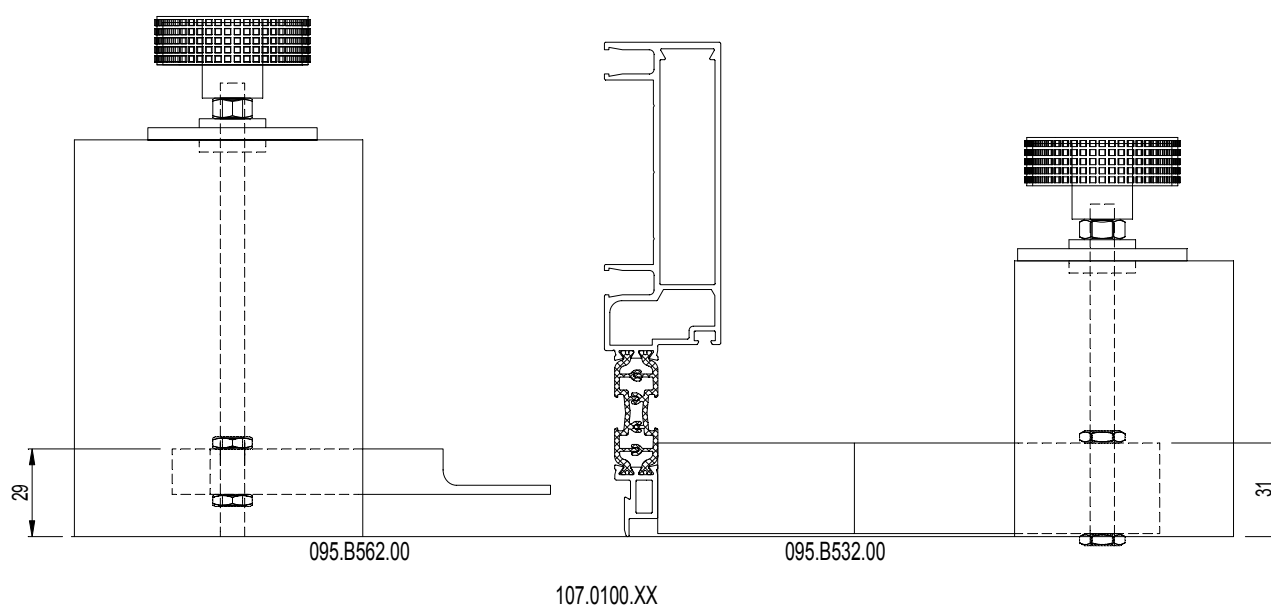
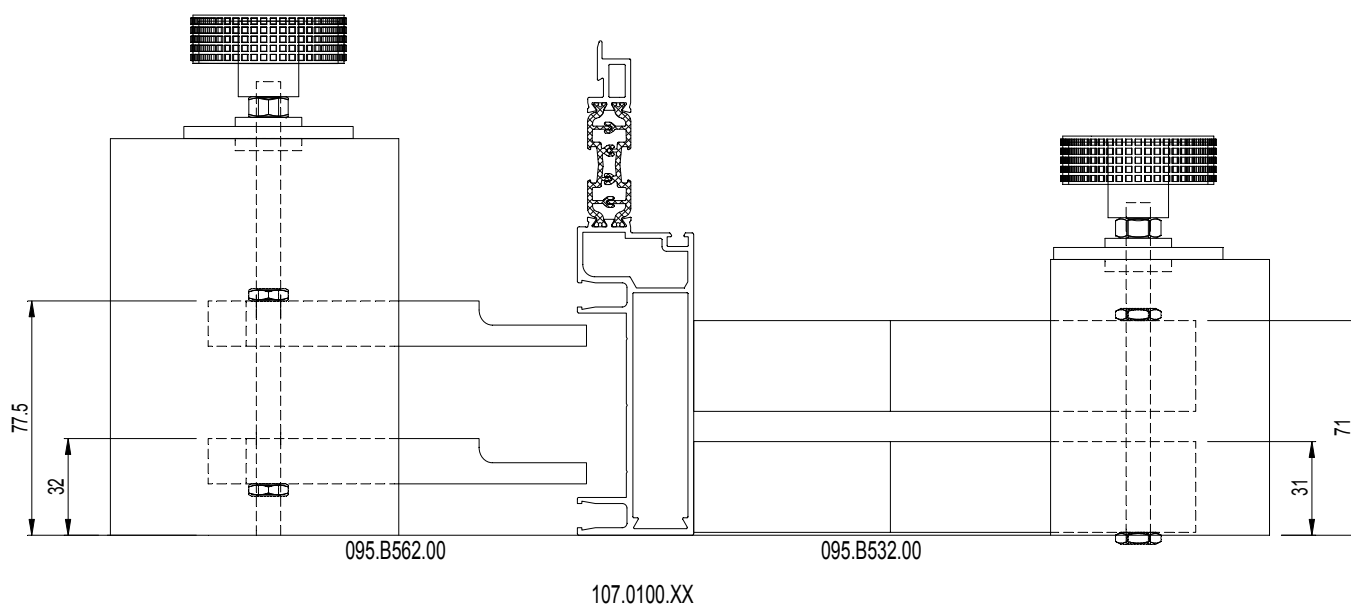


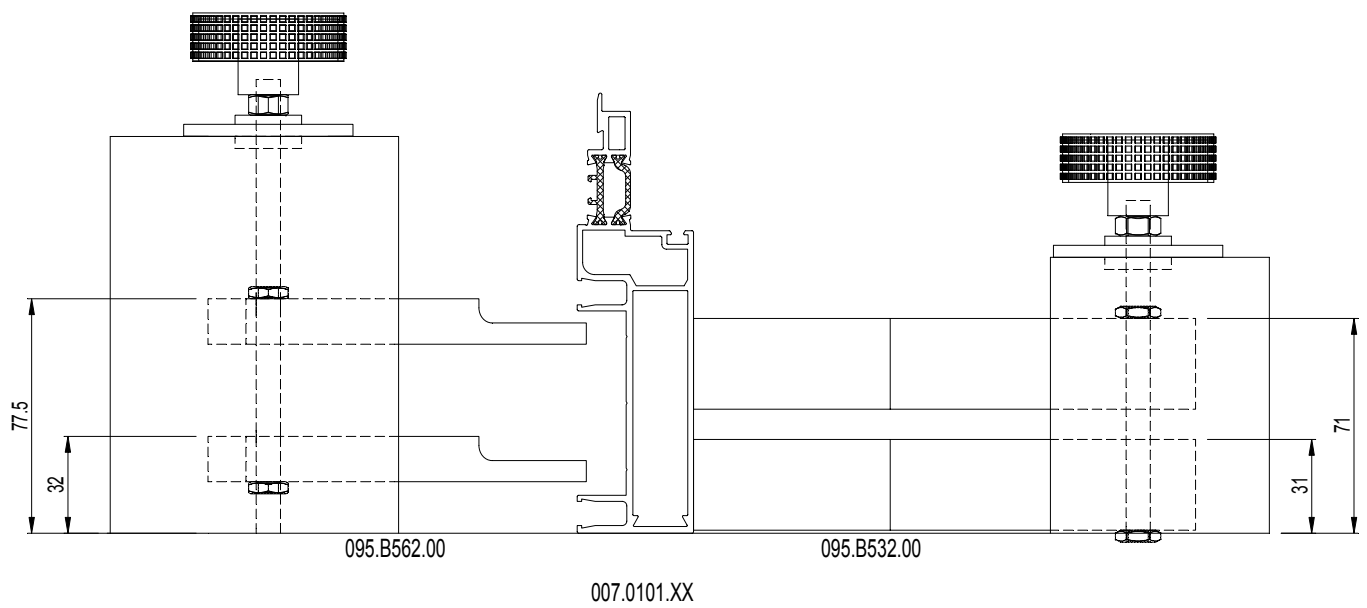
X DICHTUNGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

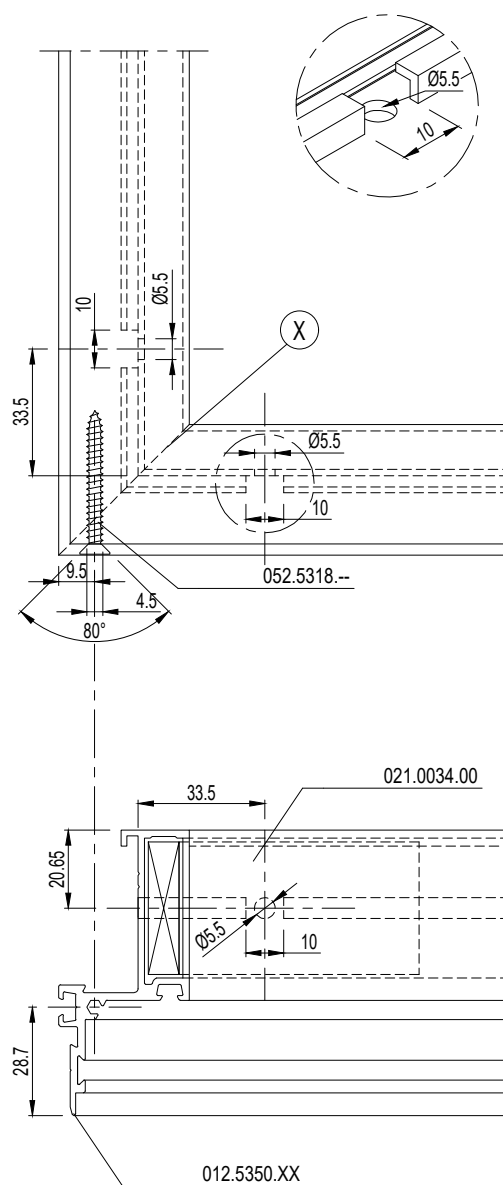
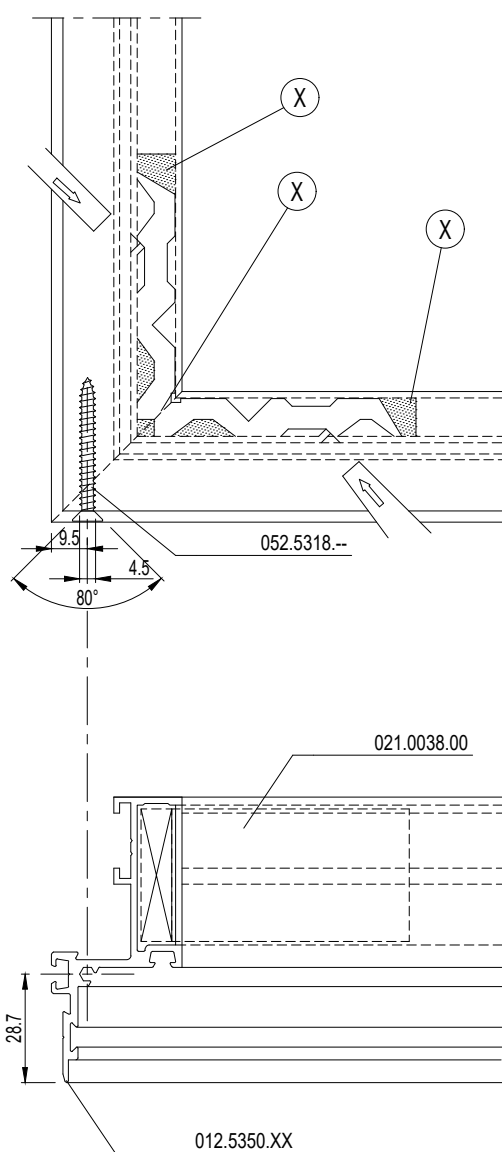
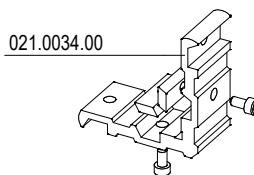
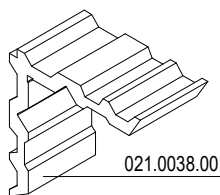


BOORMAL
 CALIBRE DE PERÇAGE
 BORING JIG
 BOHRLEHRE

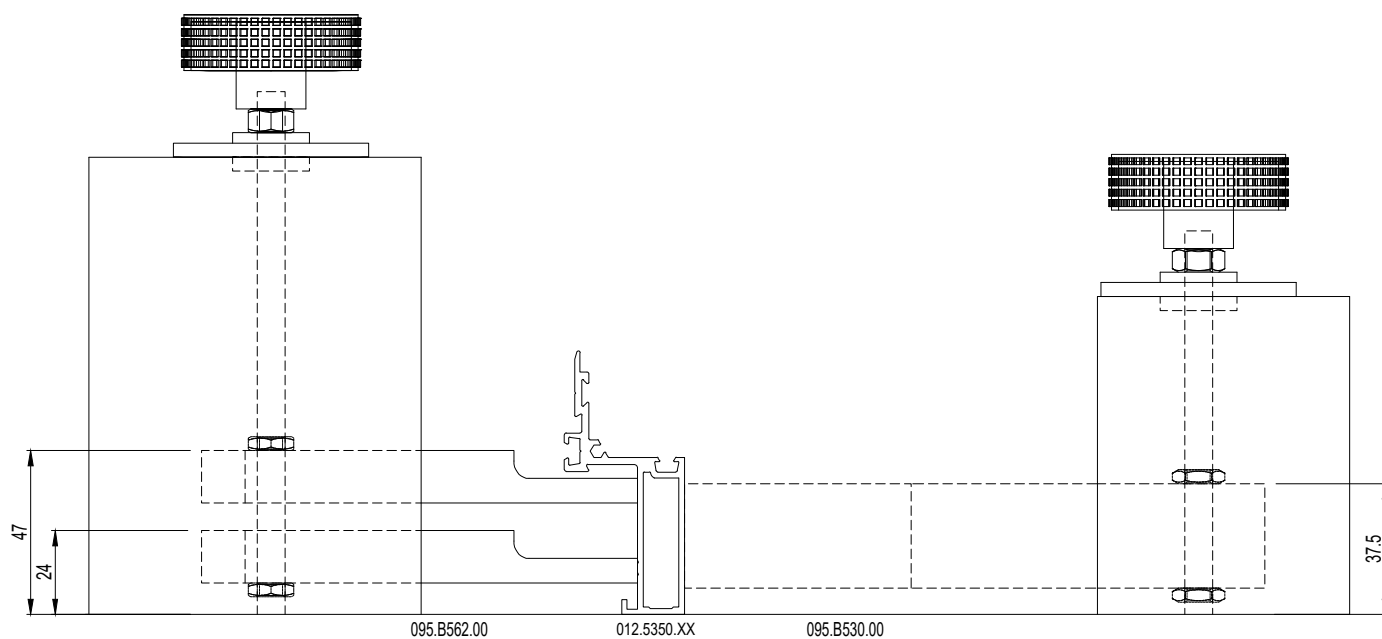
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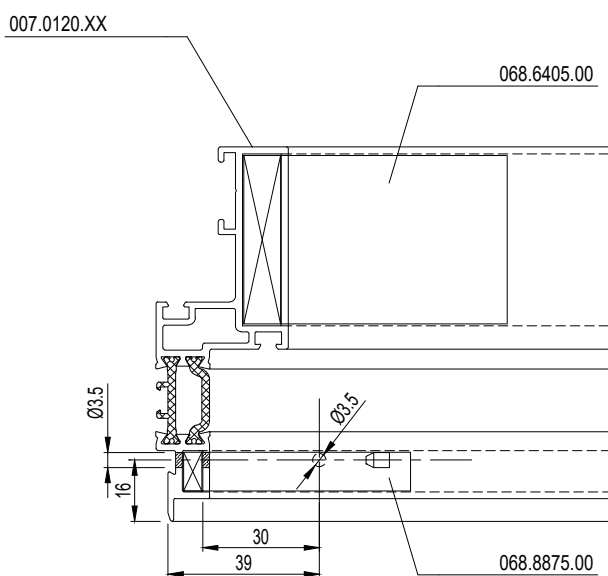
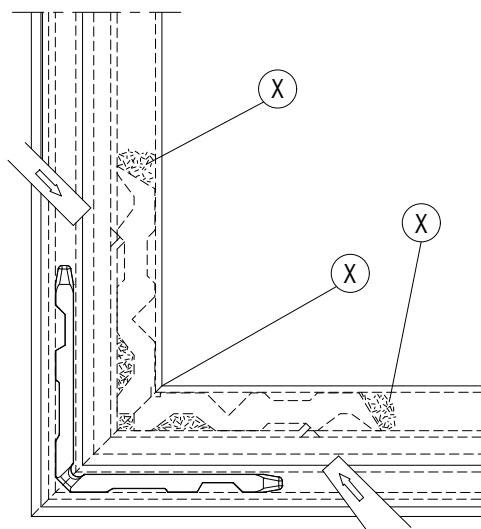
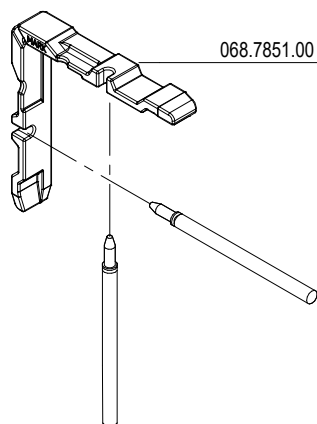
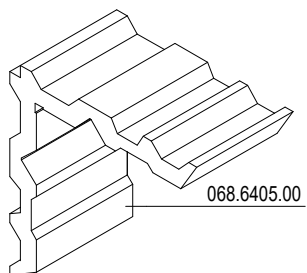




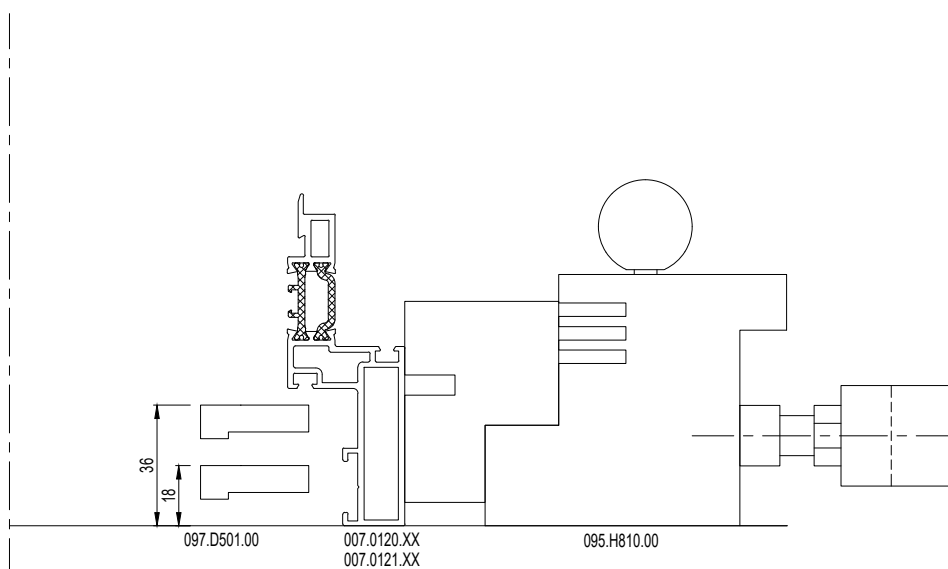
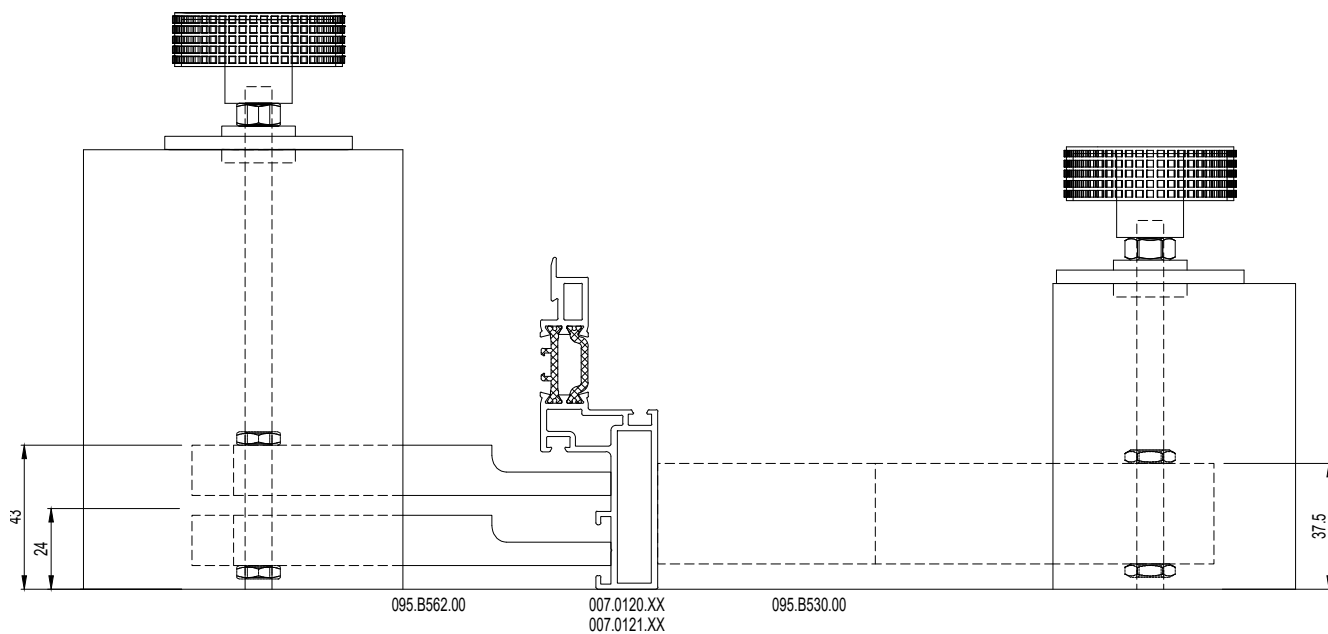


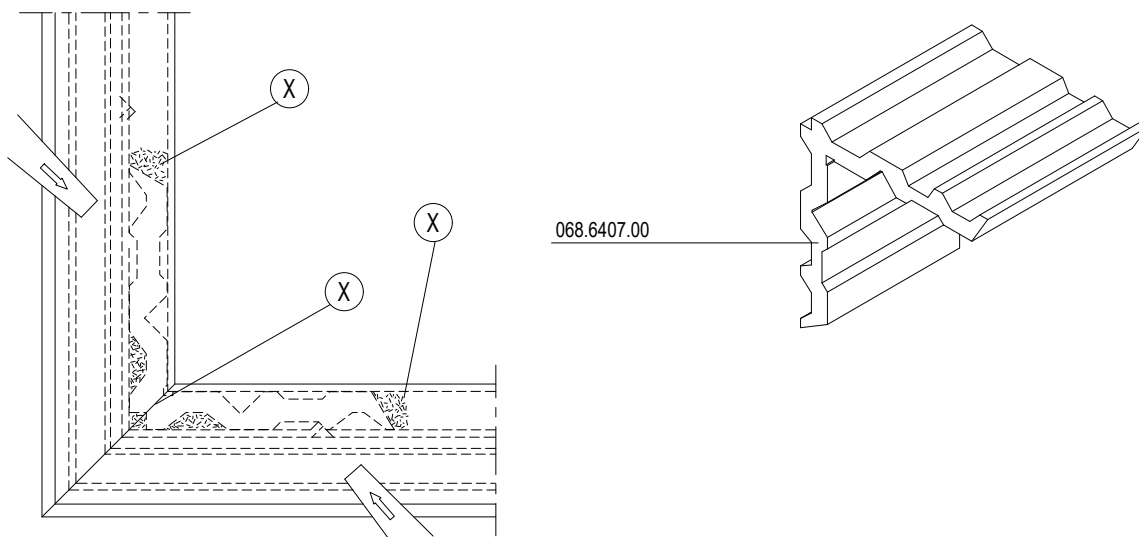
(X) DICHTINGSMIDDEL
MATIERE D'ÉTANCHEITE
SEALING AGENT
ABDICHTUNG



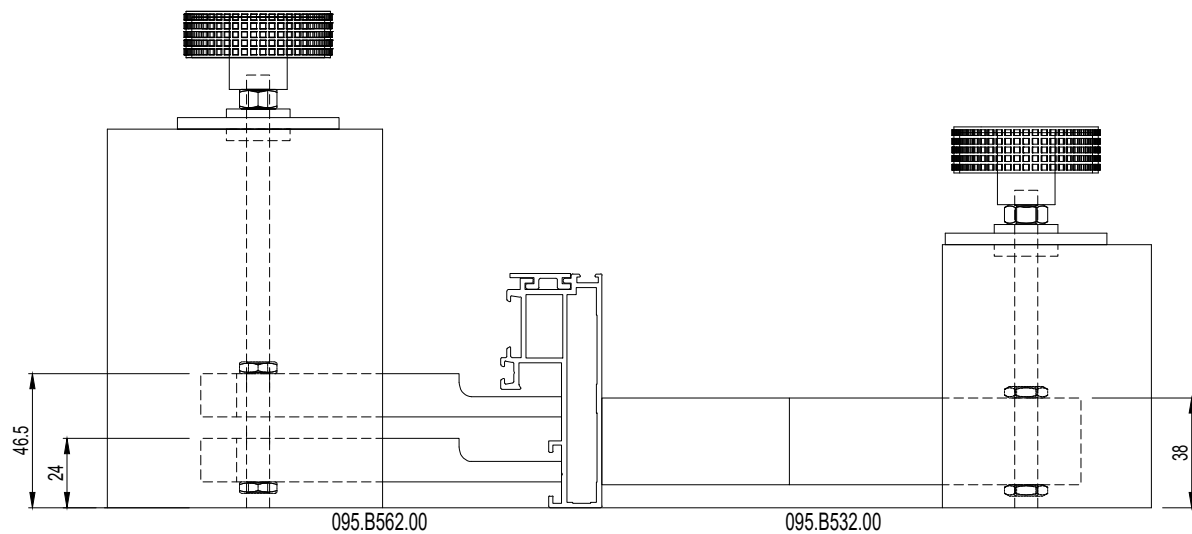


(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

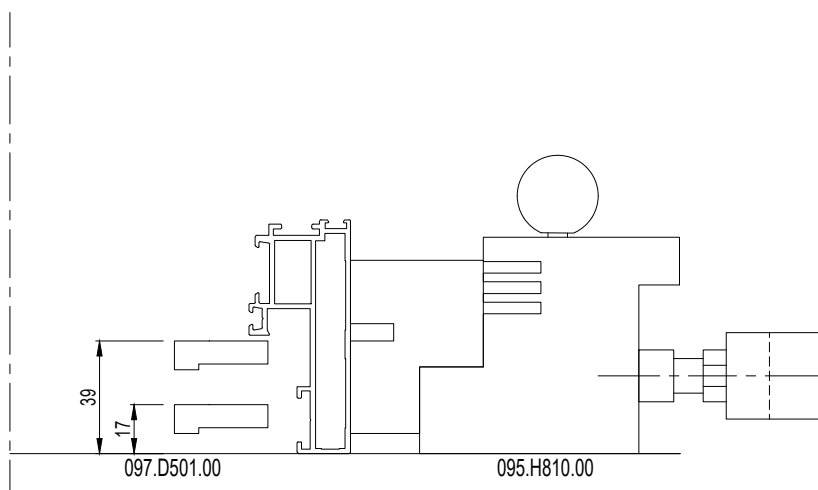




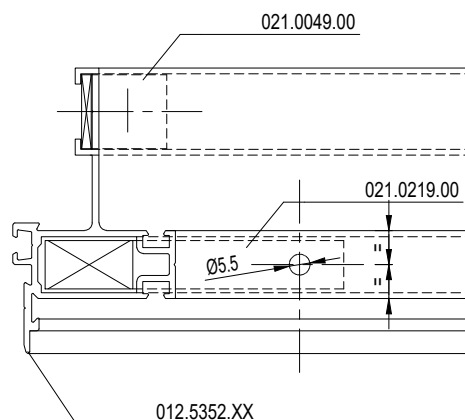
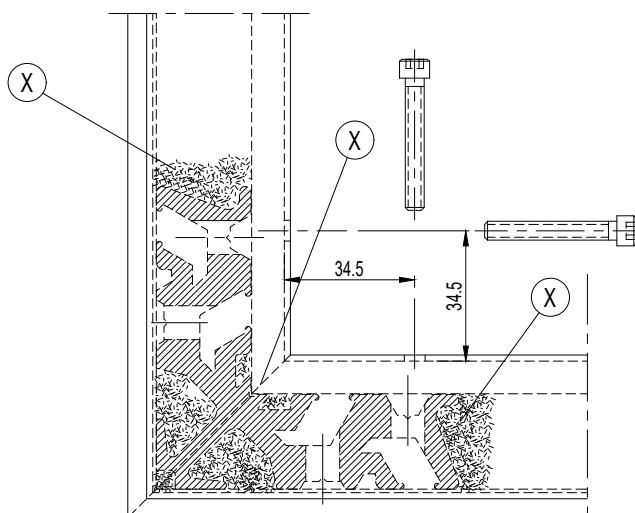
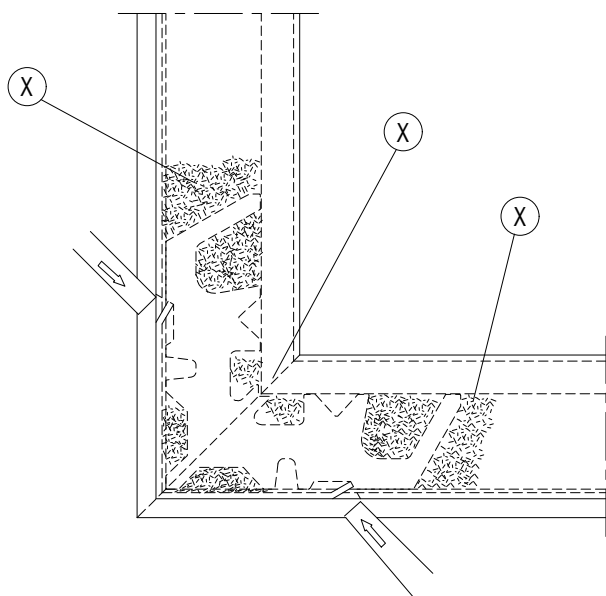
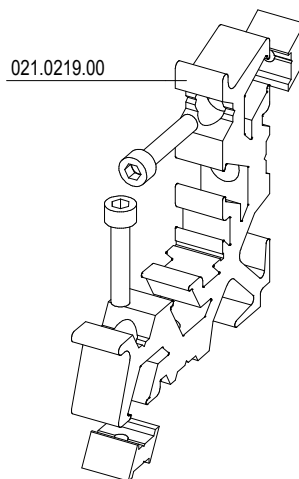
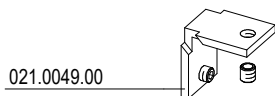
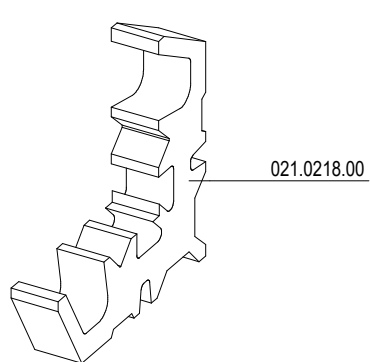
(X)	DICHTINGSMIDDEL MATIERE D'ETANCHEITE SEALING AGENT ABDICHTUNG
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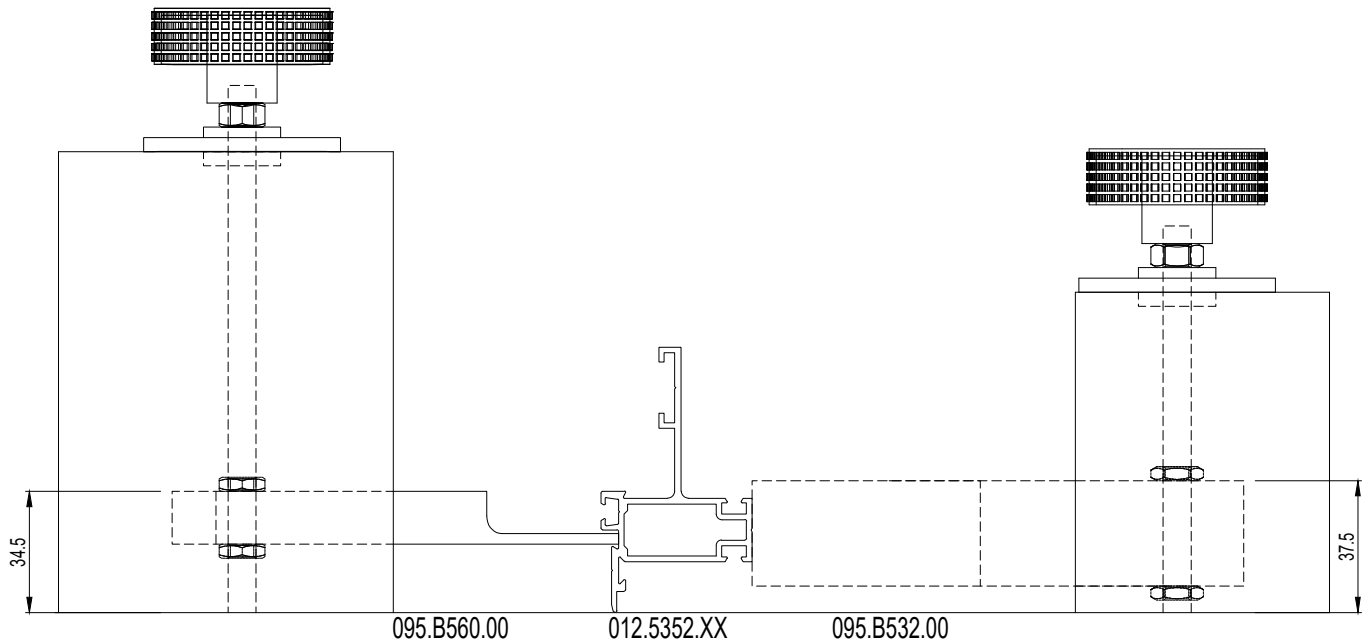
028.2051.XX - 028.2030.39 / 028.2031.39
028.2052.XX - 028.2030.39 / 028.2031.39

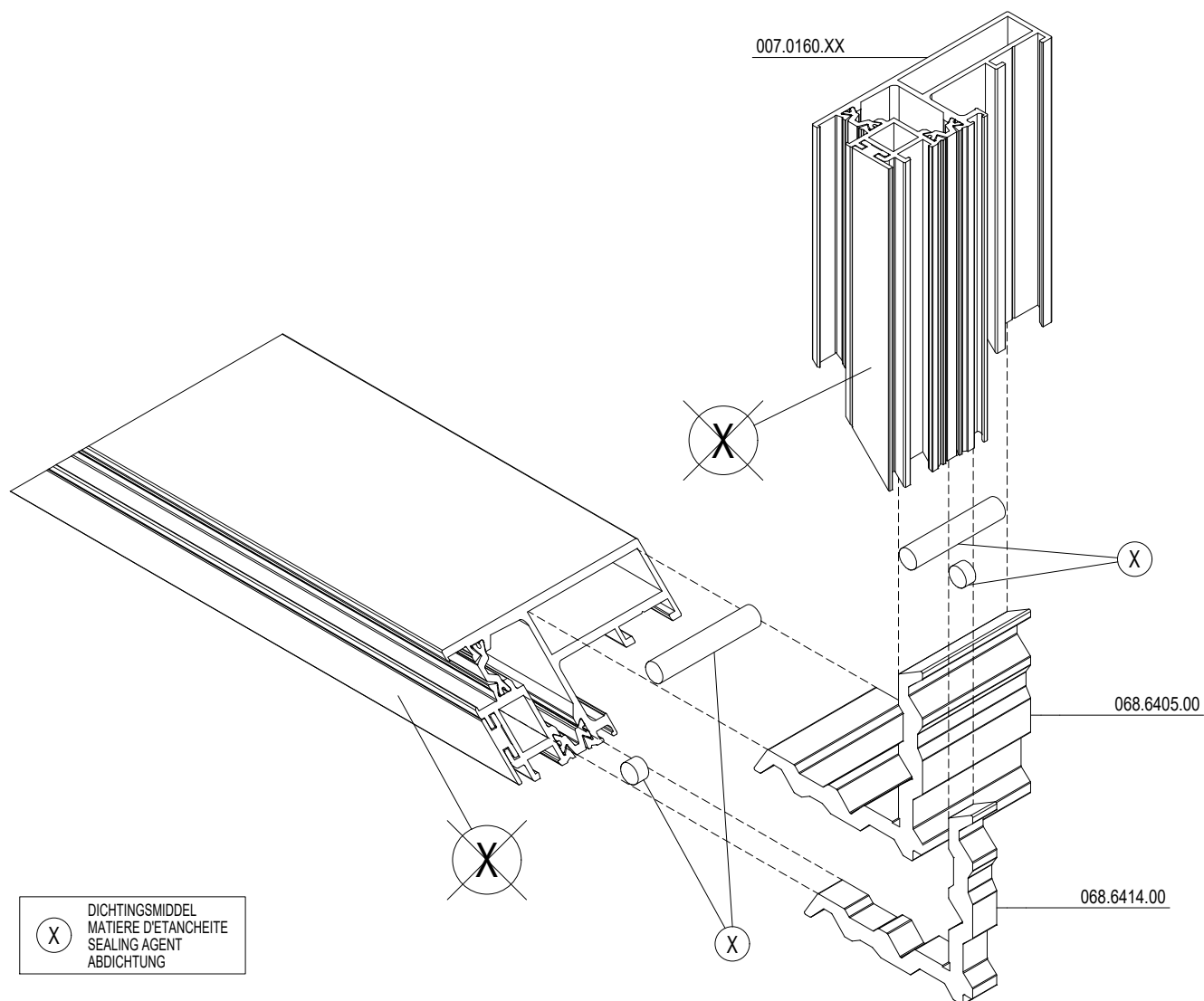
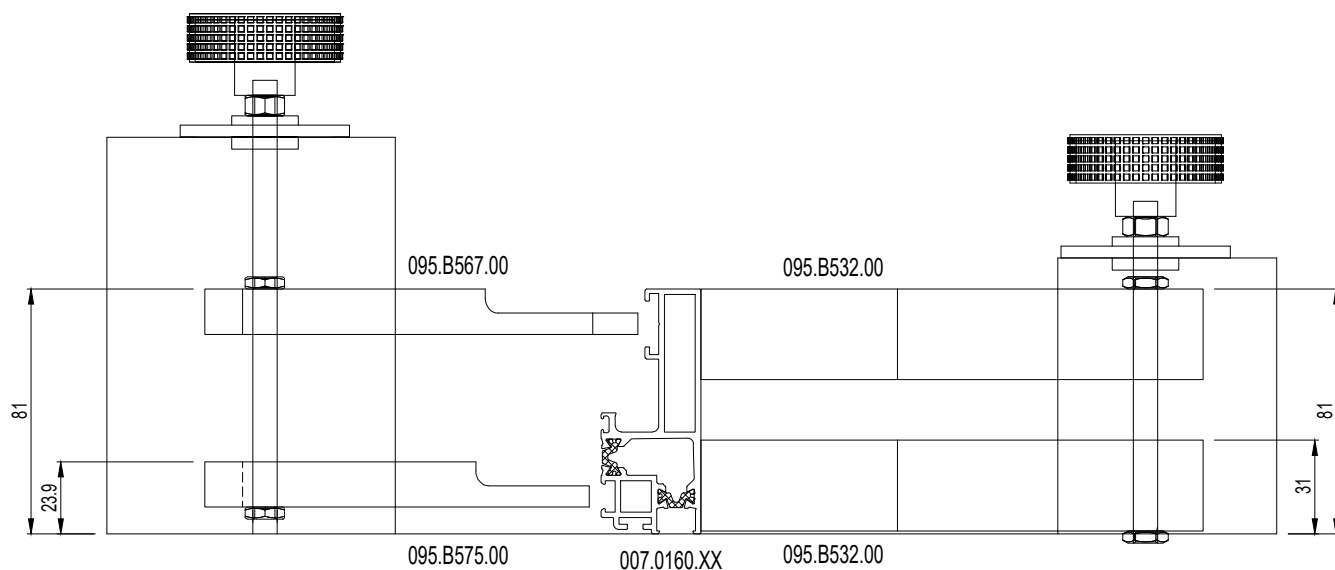


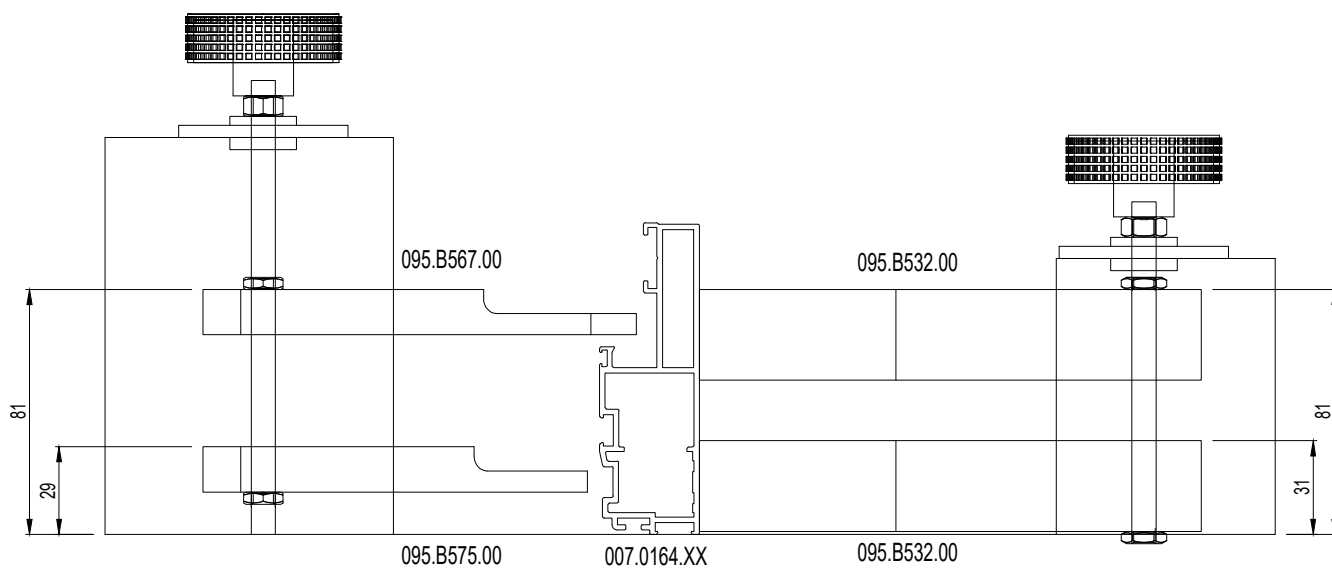
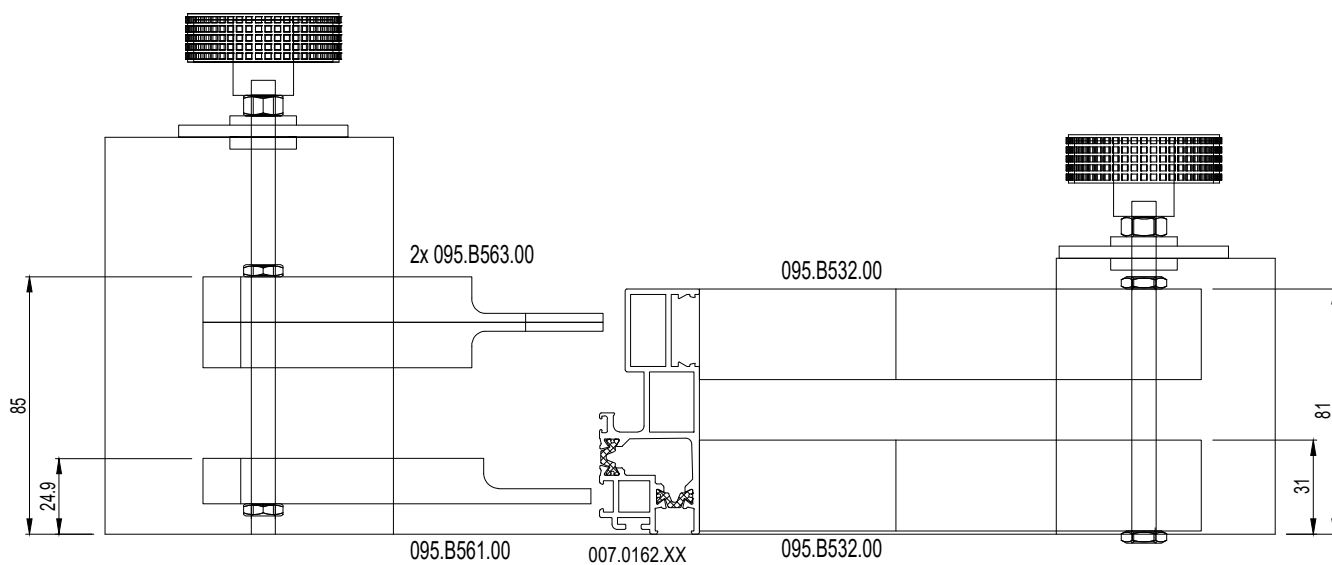
028.2051.XX - 028.2030.39 / 028.2031.39
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(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

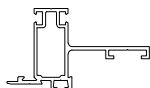
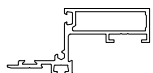




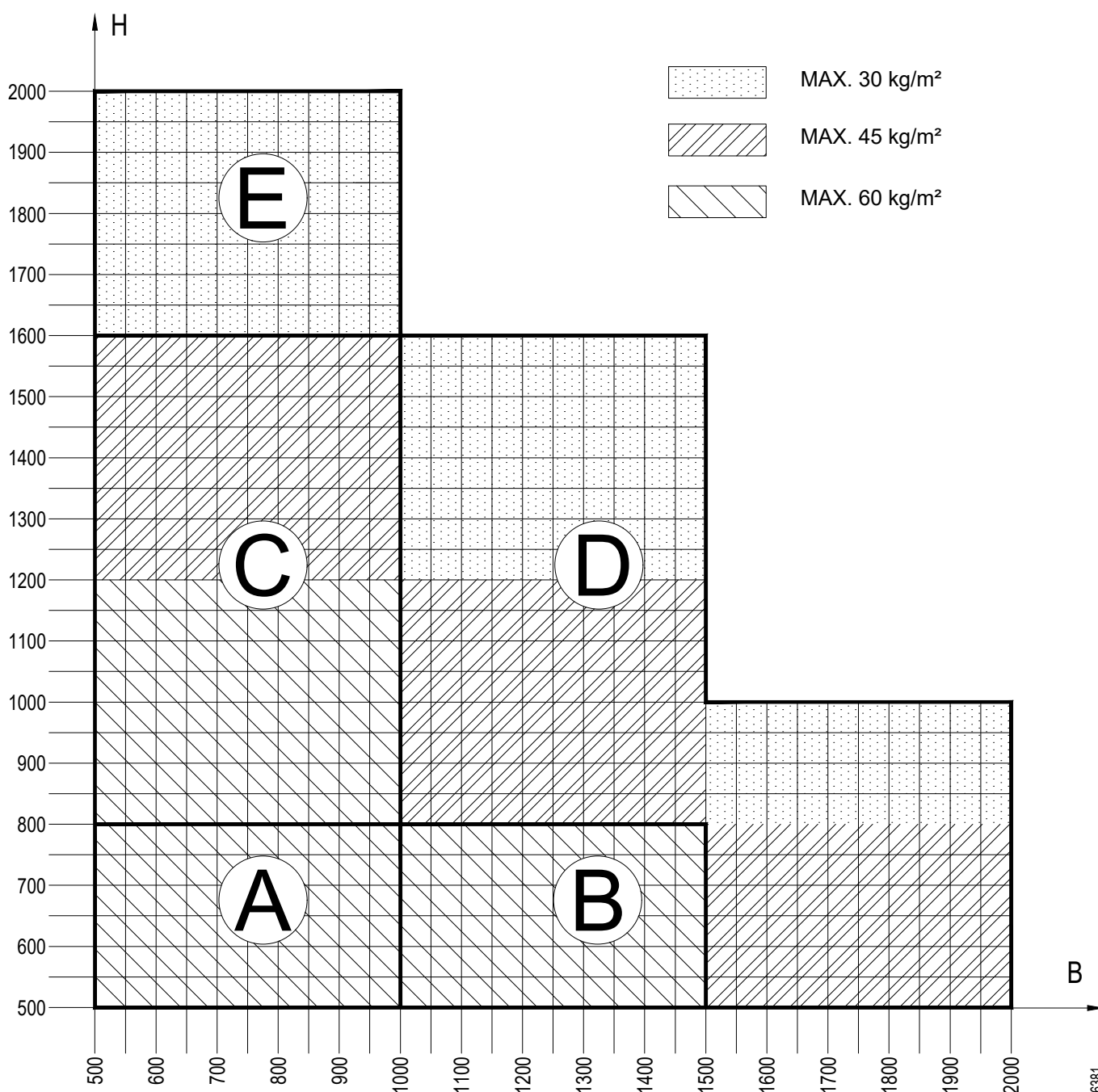


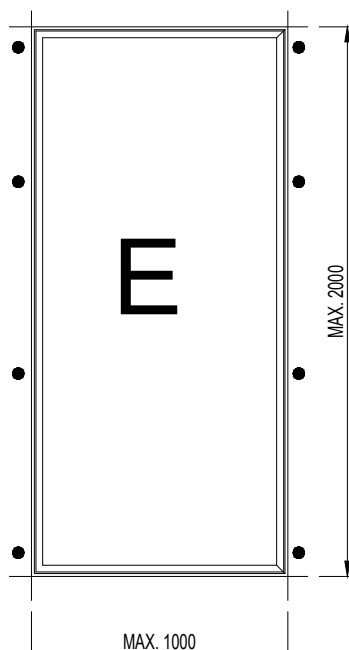
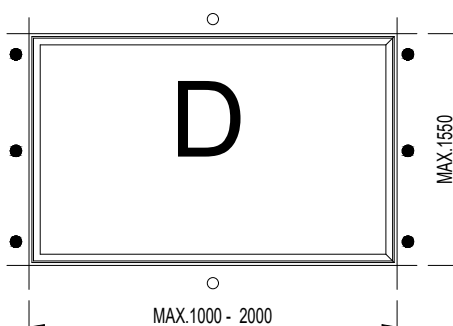
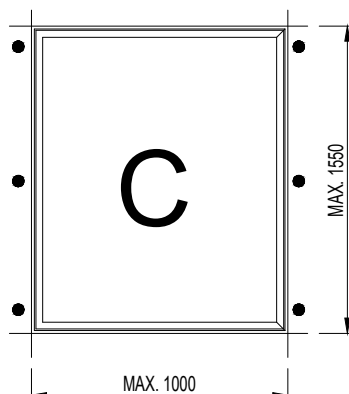
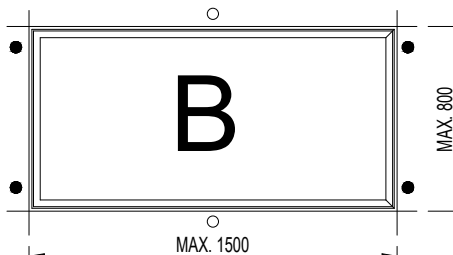
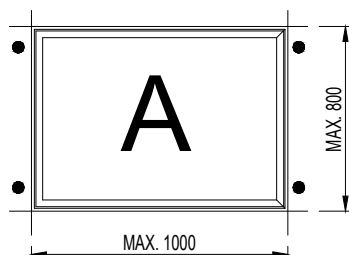
MAXIMALE AFMETINGEN VOOR WINDDRUKKEN TOT 1000Pa
DIMENSIONS MAXIMALE POUR PRESSIONS DE VENT JUSQU'A 1000Pa
MAXIMUM DIMENSIONS FOR WINDPRESSURE UP TO 1000Pa
MAXIMUM FLÜGELMAßE FÜR WINDDRUCK BIS 1000Pa

012.5350.XX - 012.5352.XX



MAXIMAAL GEWICHT /M² VAN VULLING
POIDS MAXIMALE/M² POUR L'EDR
MAXIMUM WEIGHT/M² OF FILLING
MAXIMUM GEWICHTE/M² FÜLLUNG





○ HORIZONTAAL SLUITPUNT
○ VERROUILLAGE HORIZONTALE
○ HORIZONTAL LOCKING POINT
○ HORIZONTAL SCHLIEßPUNKT

● VERTIKAAL SLUITPUNT
● VERROUILLAGE VERTICALE
● VERTICAL LOCKING POINT
● VERTICAL SCHLIEßPUNKT

073.6312.XX - 073.6314.XX
+
073.7312.04

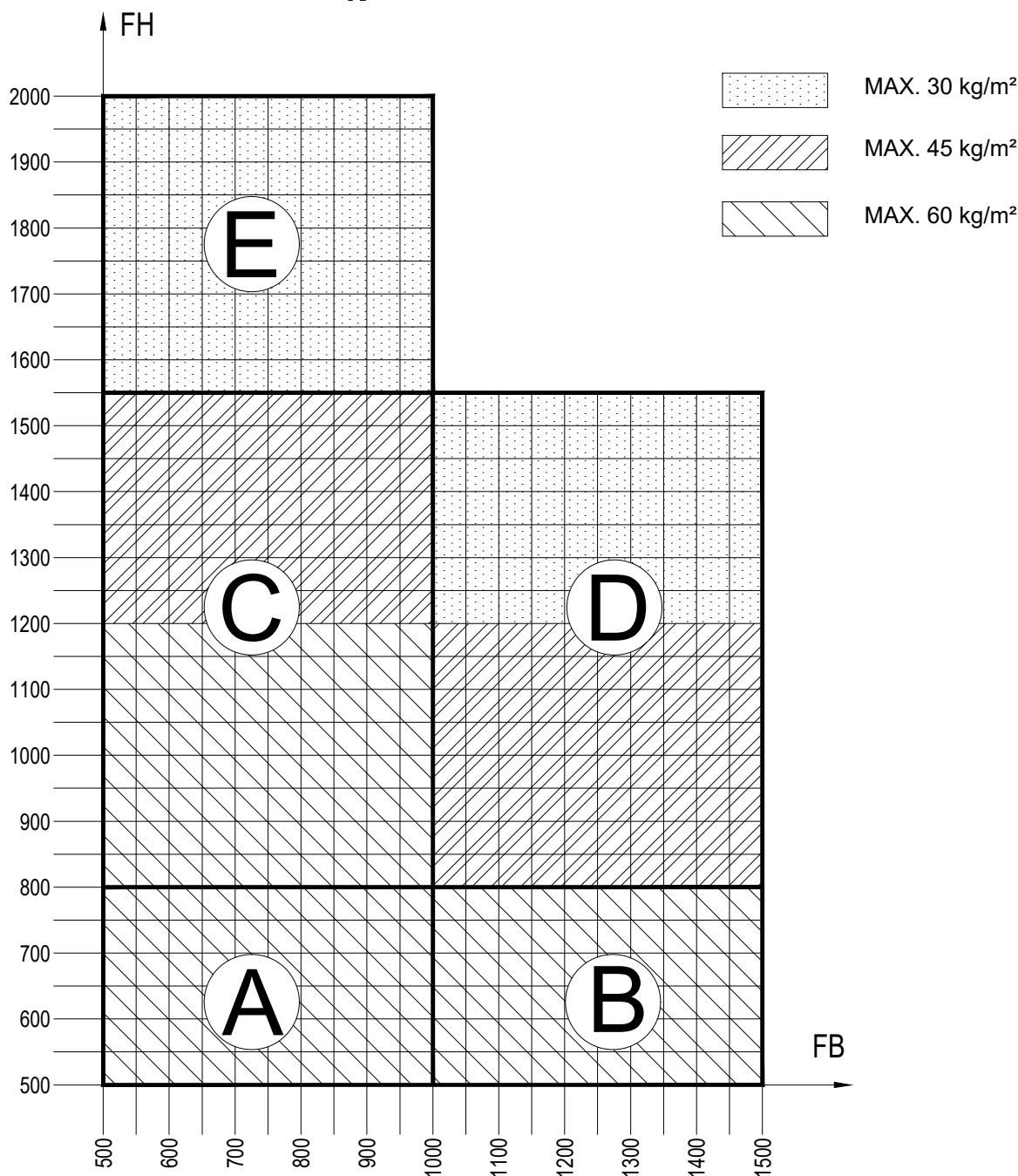
073.6310.XX - 073.6311.XX
+
021.2181.00

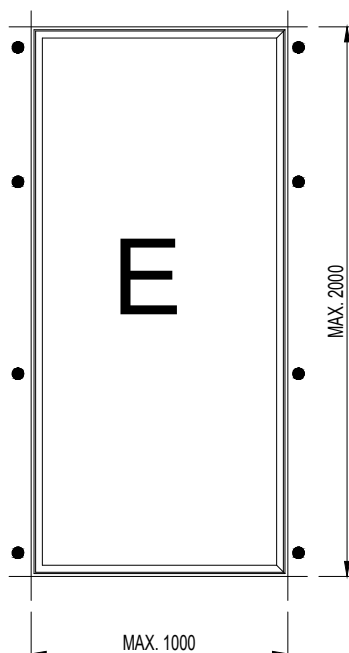
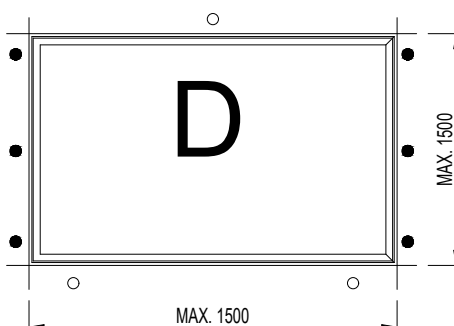
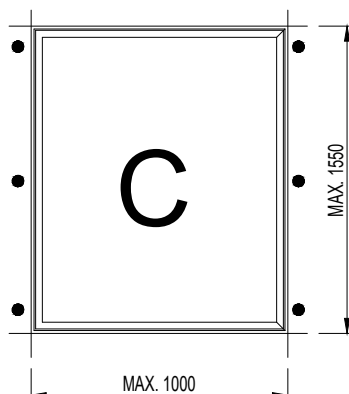
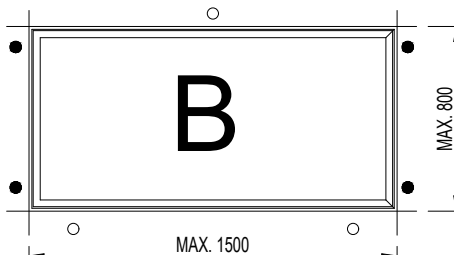
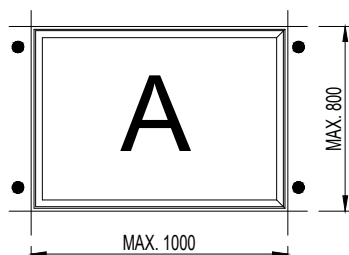
MAXIMALE AFMETINGEN VOOR WINDDRUKKEN TOT 1500Pa
DIMENSIONS MAXIMALE POUR PRESSIONS DE VENT JUSQU'A 1500Pa
MAXIMUM DIMENSIONS FOR WINDPRESSURE UP TO 1500Pa
MAXIMUM FLÜGELMAßE FÜR WINDDRUCK BIS 1500Pa

012.5350.XX - 012.5352.XX



MAXIMAAL GEWICHT /M² VAN VULLING
POIDS MAXIMALE/M² POUR L'EDR
MAXIMUM WEIGHT/M² OF FILLING
MAXIMUM GEWICHTE/M² FÜLLUNG





○ HORIZONTAAL SLUITPUNT
VERROUILLAGE HORIZONTALE
HORIZONTAL LOCKING POINT
HORIZONTAL SCHLIEßPUNKT

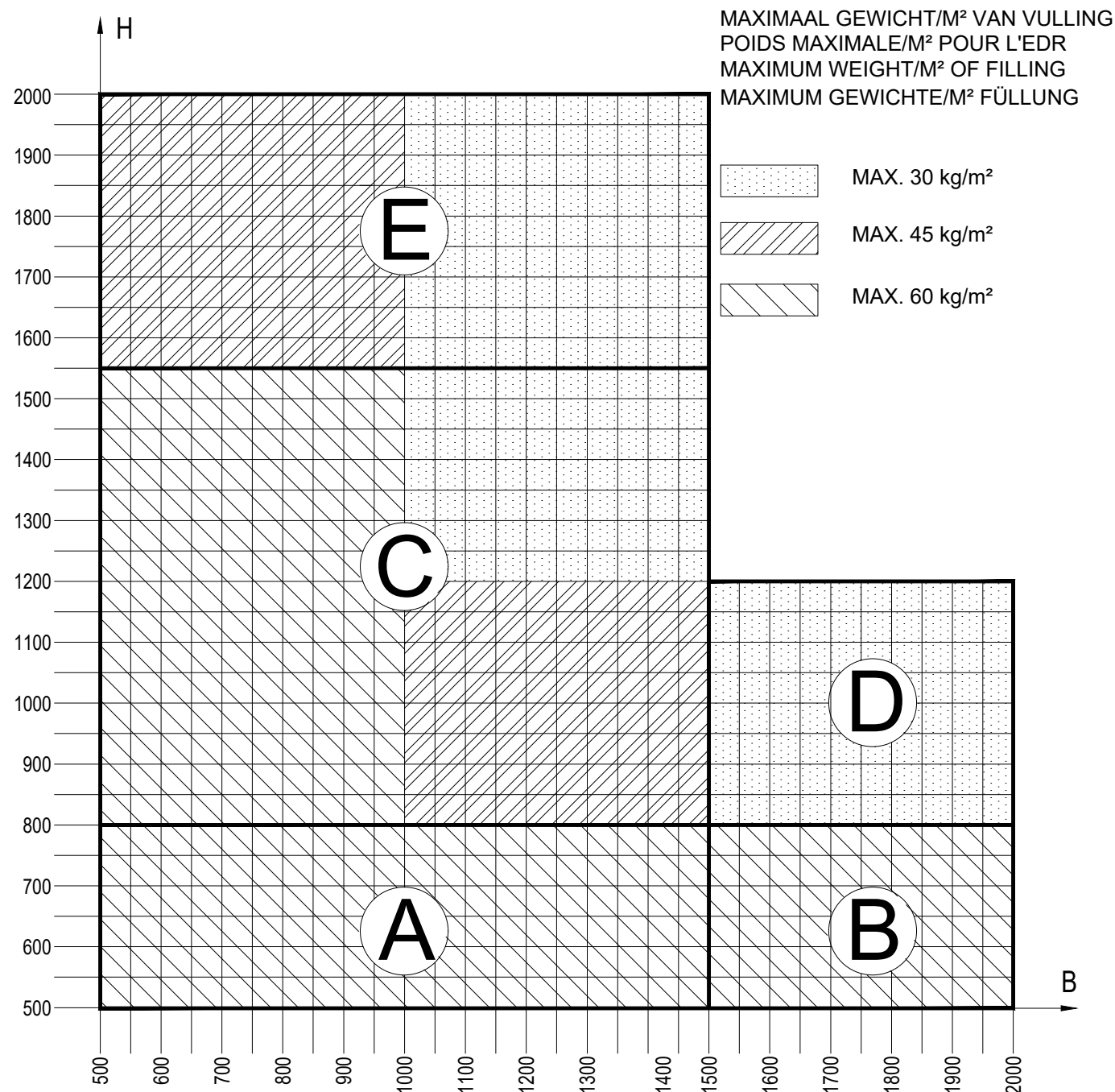
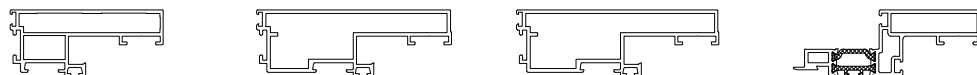
● VERTIKAAL SLUITPUNT
VERROUILLAGE VERTICALE
VERTICAL LOCKING POINT
VERTICAL SCHLIEßPUNKT

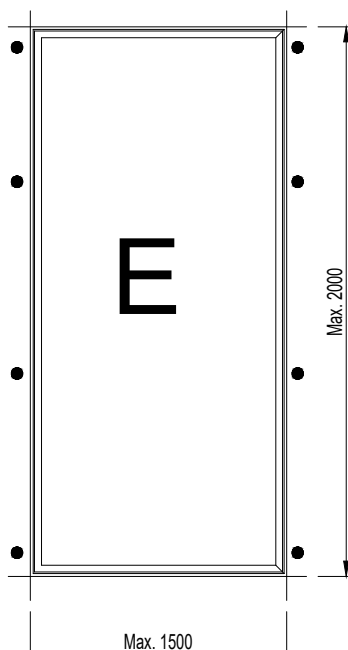
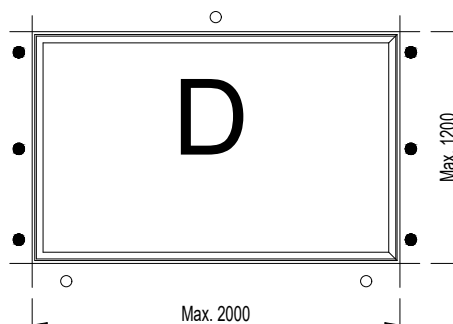
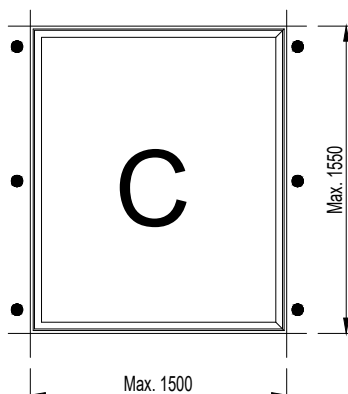
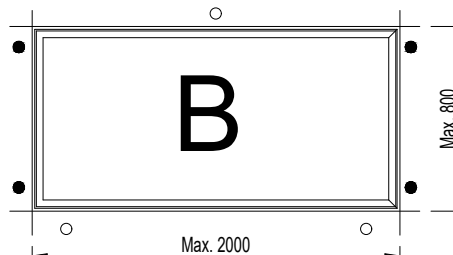
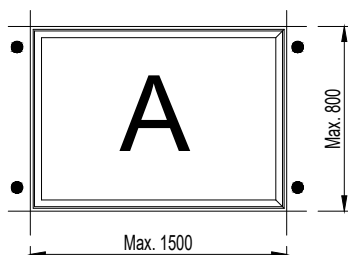
073.6312.XX - 069.6820.--
+
073.7312.04

073.6310.XX - 073.6311.XX
+
021.2181.00

MAXIMALE AFMETINGEN VOOR WINDDRUKKEN TOT 1000Pa
DIMENSIONS MAXIMALE POUR PRESSIONS DE VENT JUSQU'A 1000Pa
MAXIMUM DIMENSIONS FOR WINDPRESSURE UP TO 1000Pa
MAXIMUM FLÜGELMAßE FÜR WINDDRUCK BIS 1000Pa

028.2051.XX - 028.2052.XX - 028.2053.XX - 007.0120.XX





○ HORIZONTAAL SLUITPUNT
○ VERROUILLAGE HORIZONTALE
○ HORIZONTAL LOCKING POINT
○ HORIZONTAL SCHLIEßPUNKT

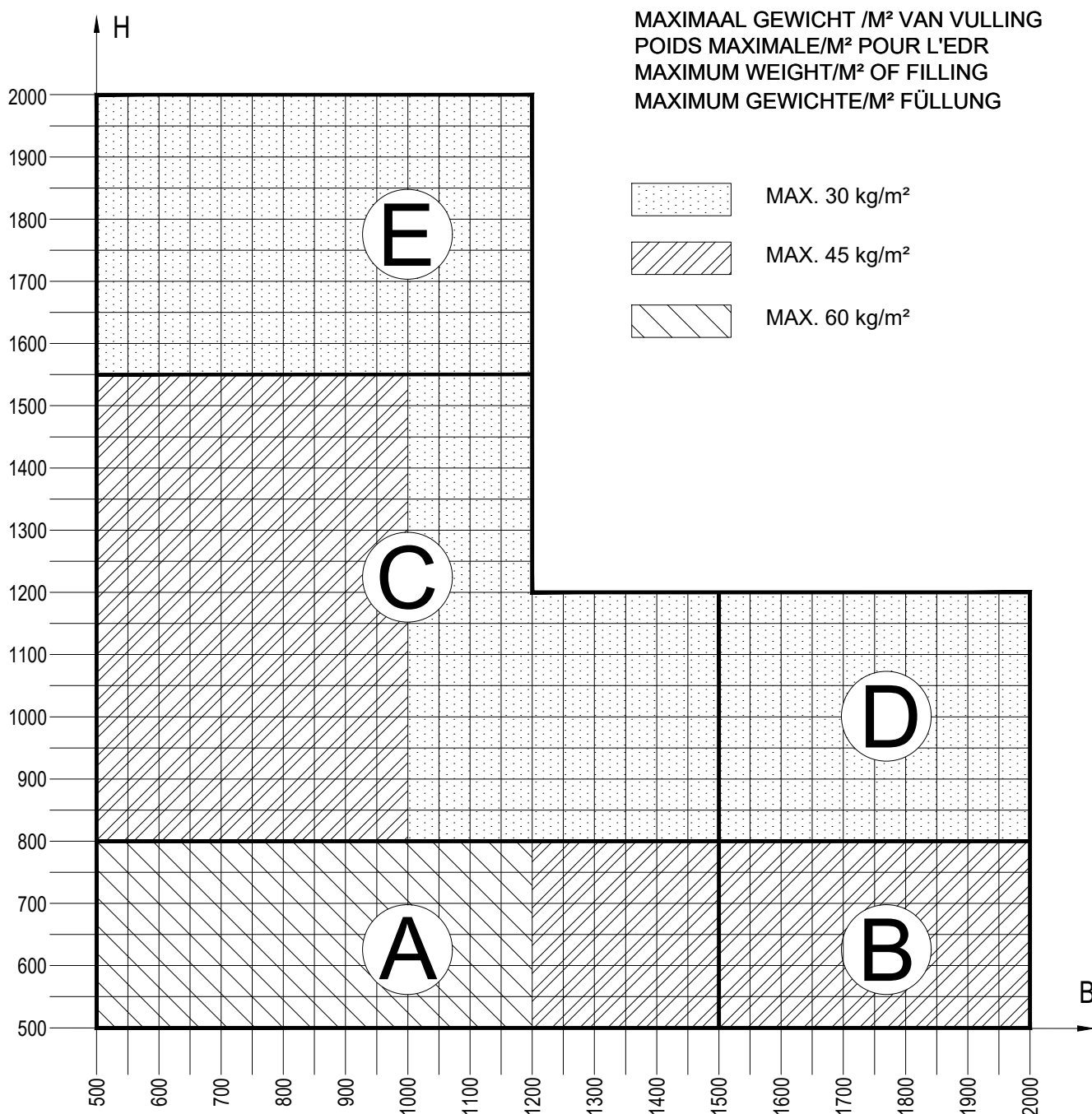
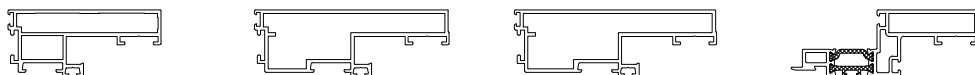
● VERTIKAAL SLUITPUNT
● VERROUILLAGE VERTICALE
● VERTICAL LOCKING POINT
● VERTICAL SCHLIEßPUNKT

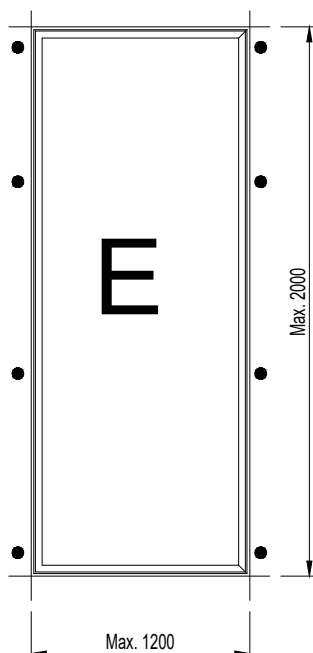
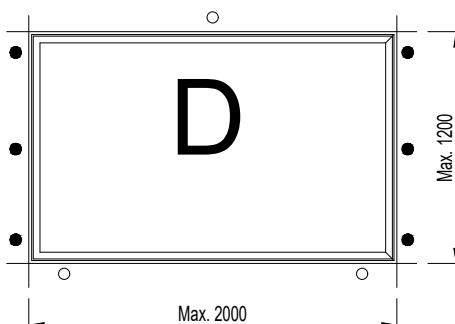
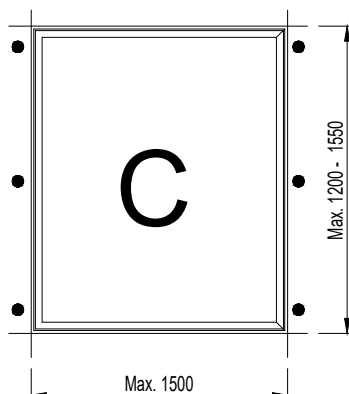
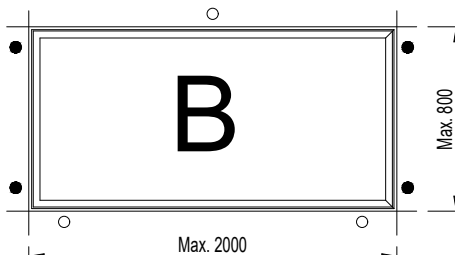
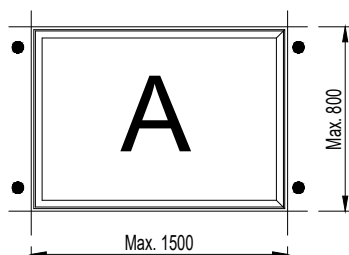
073.6312.XX - 073.6313.XX
+
069.6820.-- - 073.6315.XX
+
073.7312.04

073.6310.XX - 073.6311.XX
+
021.2181.00

MAXIMALE AFMETINGEN VOOR WINDDRUKKEN TOT 1500Pa
DIMENSIONS MAXIMALE POUR PRESSIONS DE VENT JUSQU'A 1500Pa
MAXIMUM DIMENSIONS FOR WINDPRESSURE UP TO 1500Pa
MAXIMUM FLÜGELMAßE FÜR WINDDRUCK BIS 1500Pa

028.2051.XX - 028.2052.XX - 028.2053.XX - 007.0120.XX



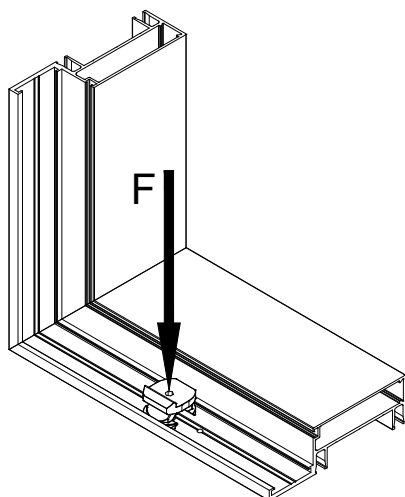


○ HORIZONTAAL SLUITPUNT
○ VERROUILLAGE HORIZONTALE
○ HORIZONTAL LOCKING POINT
○ HORIZONTAL SCHLIEßPUNKT

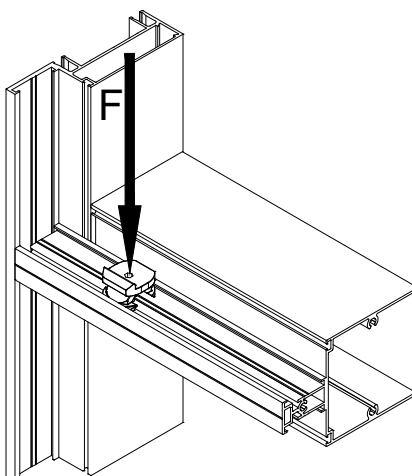
● VERTIKAAL SLUITPUNT
● VERROUILLAGE VERTICALE
● VERTICAL LOCKING POINT
● VERTICAL SCHLIEßPUNKT

073.6312.XX - 073.6313.XX
+
073.6314.XX - 073.6315.XX
+
073.7312.04

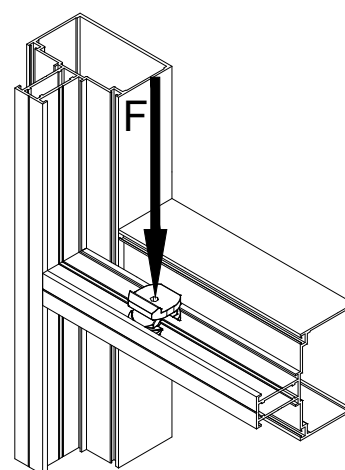
073.6310.XX - 073.6311.XX
+
021.2181.00



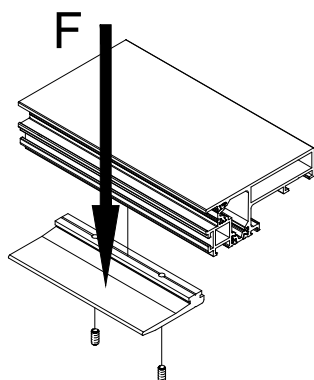
F MAX = 1250 N
(MAX/PANEEL = 2500 N)
(MAX/PANNEAU = 2500 N)
(MAX/PANEL = 2500 N)
(MAX/PANEL = 2500 N)



F MAX = 950 N
(MAX/PANEL = 1900 N)
(MAX/PANNEAU = 1900 N)
(MAX/PANEL = 1900 N)
(MAX/PANEL = 1900 N)

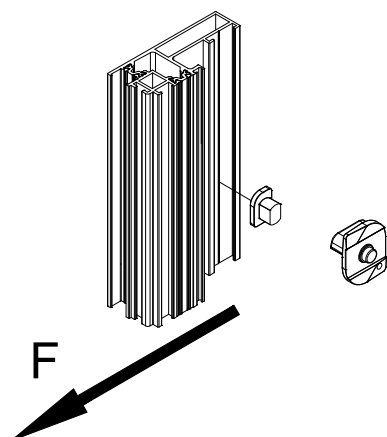


F MAX = 1250 N
(MAX/PANEL = 2500 N)
(MAX/PANNEAU = 2500 N)
(MAX/PANEL = 2500 N)
(MAX/PANEL = 2500 N)

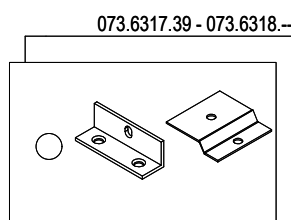
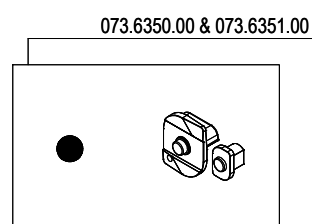
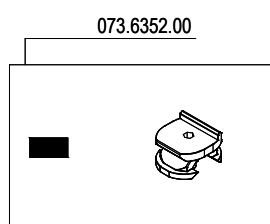
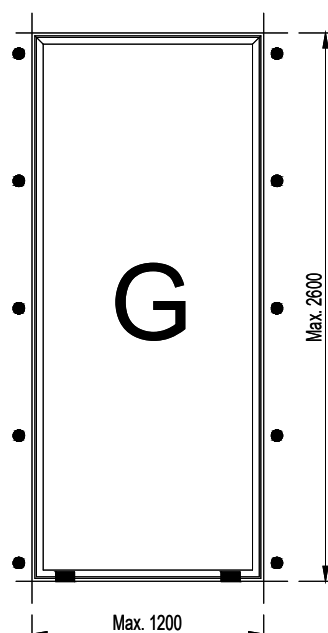
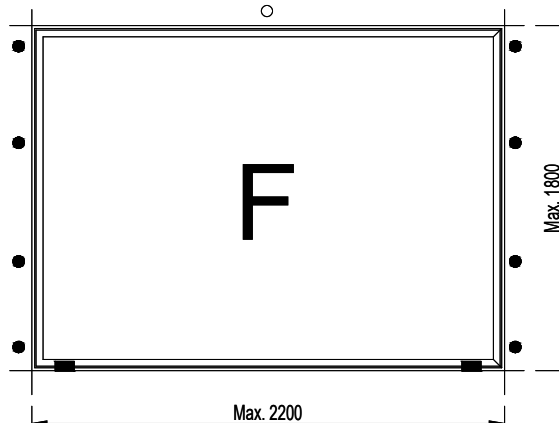
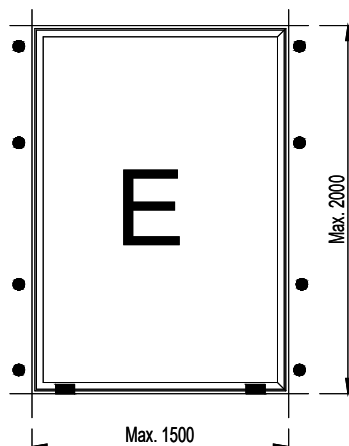
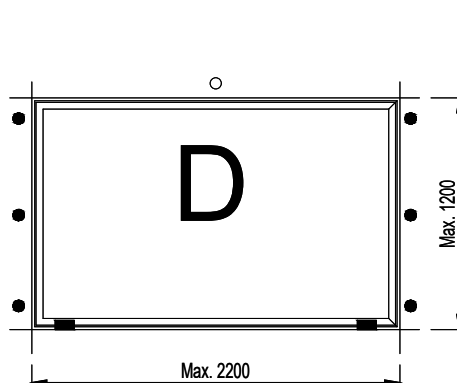
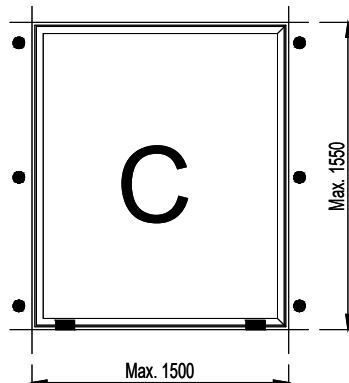
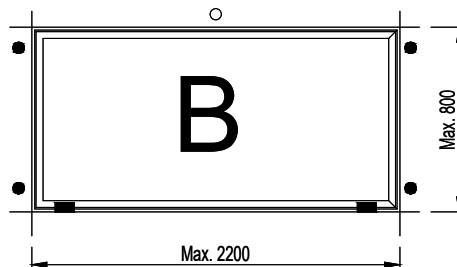
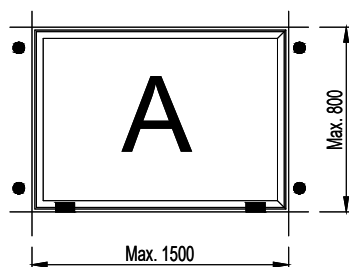


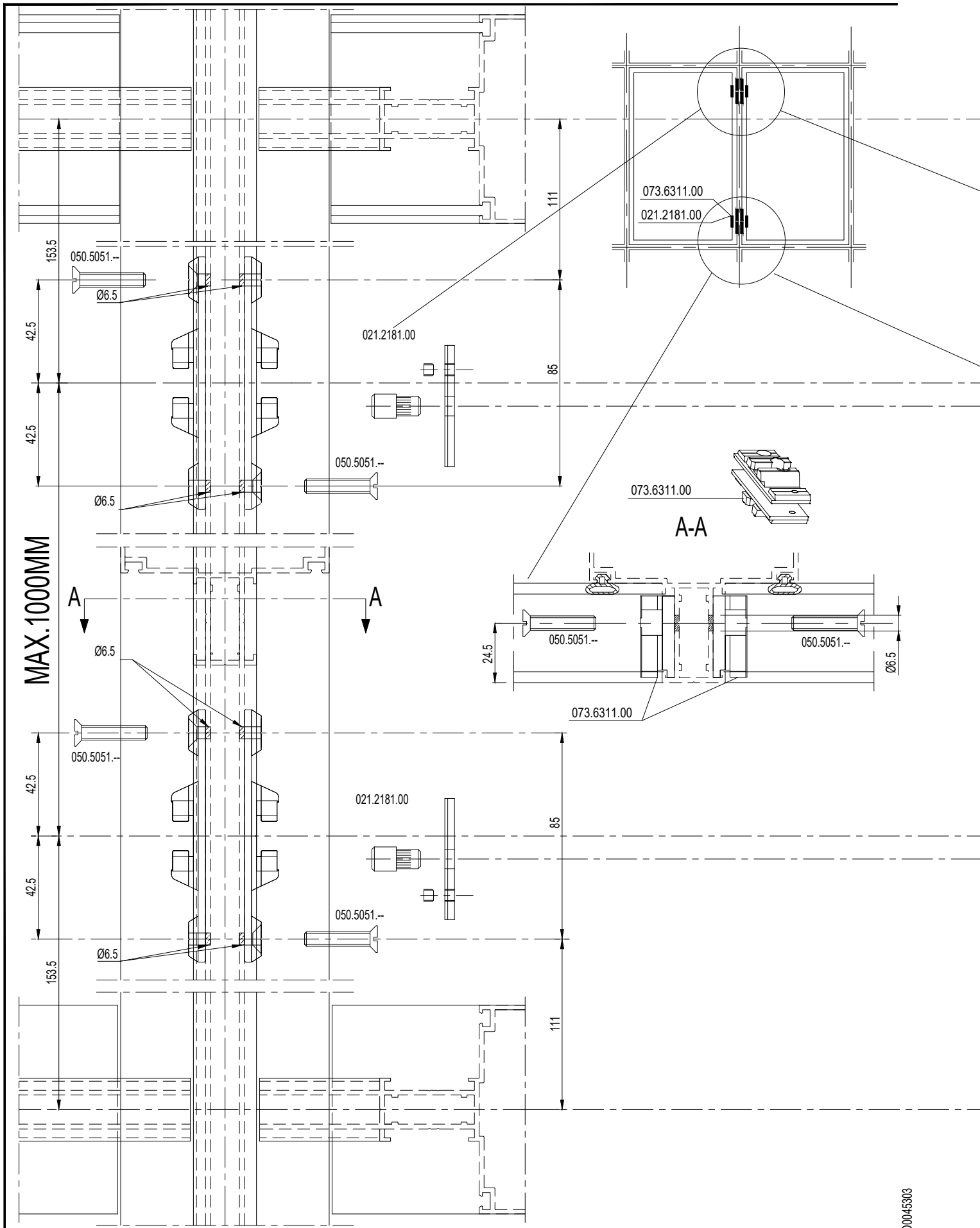
	F MAX
073.7290.39	1500N / GLAS SUPPORT** OF 100mm
073.7291.39	1200N / GLAS SUPPORT** OF 100mm
073.7292.39	900N / GLAS SUPPORT** OF 100mm
*PROJECTOPLOSSING *PROJECT SOLUTION *PROJECT SOLUTION *PROJEKTLÖSUNG	F MAX x 1.5 / GLAS SUPPORT** OF 150mm

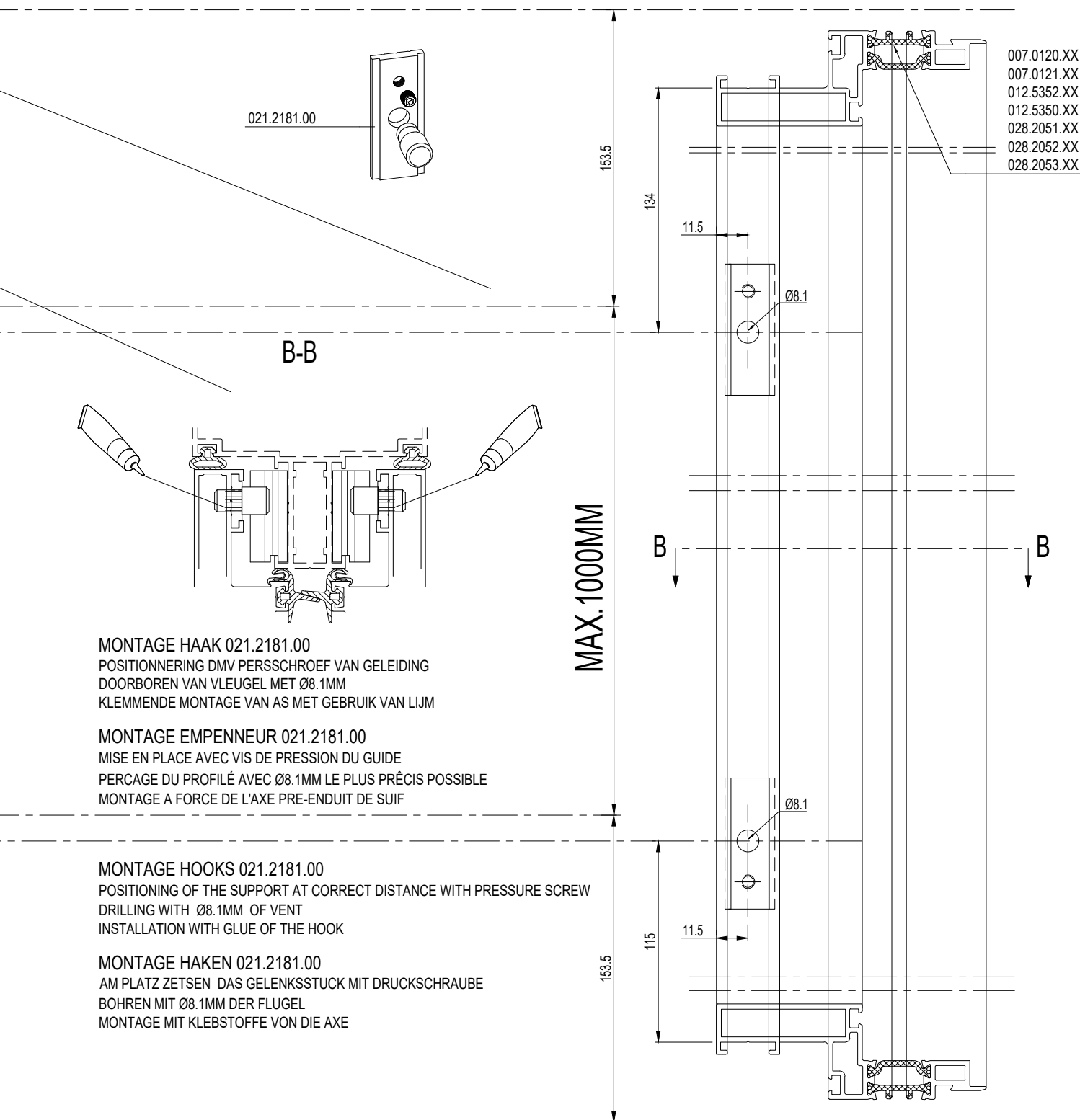
**GLASSTEUN
SUPPORT CALE DE VITRAGE
GLAS SUPPORT
GLASAUFLAGEPROFIL



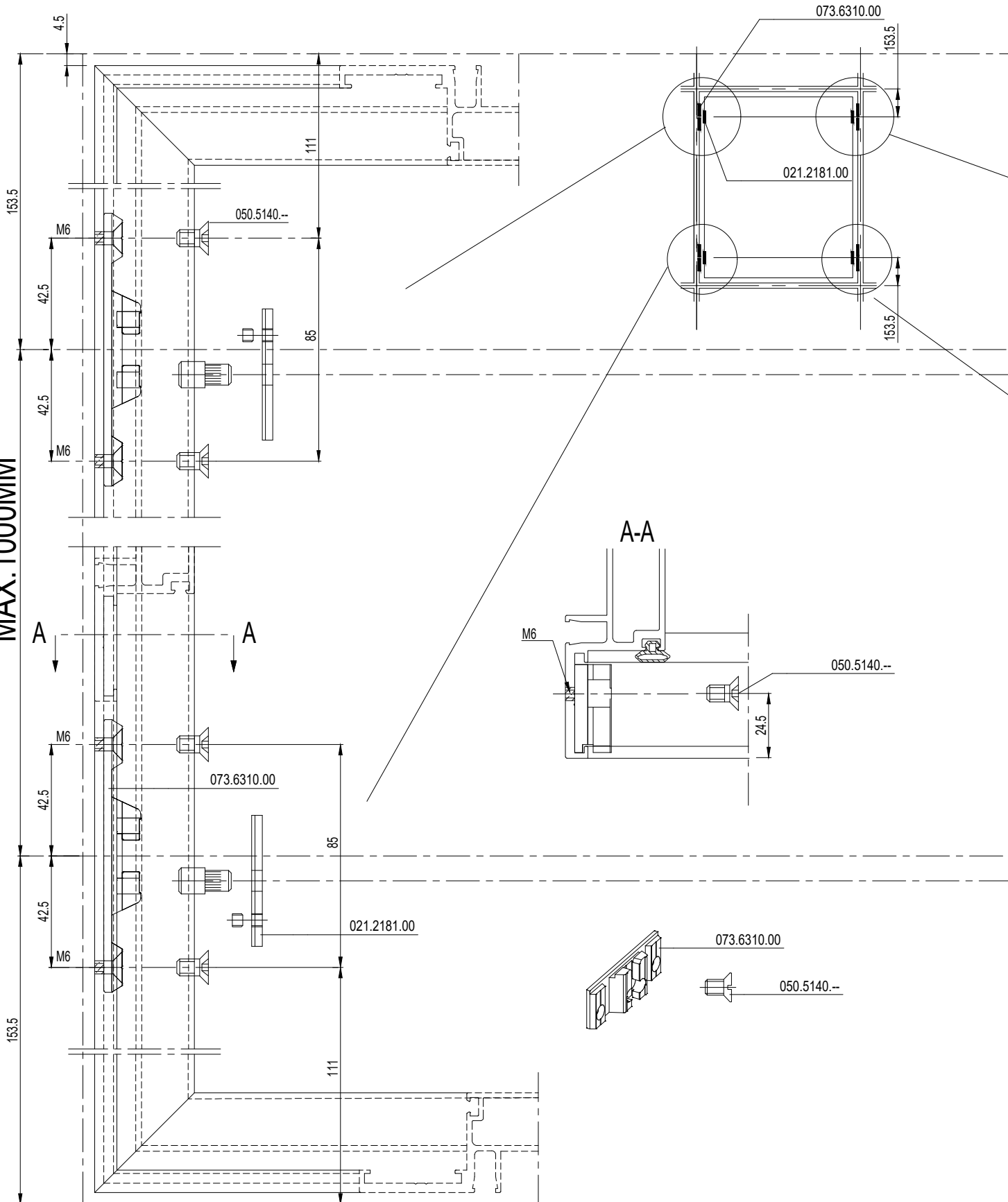
	F MAX
073.6350.-- / 073.6351.--	1000N / STUKKEN PIECES PIECES TEILE

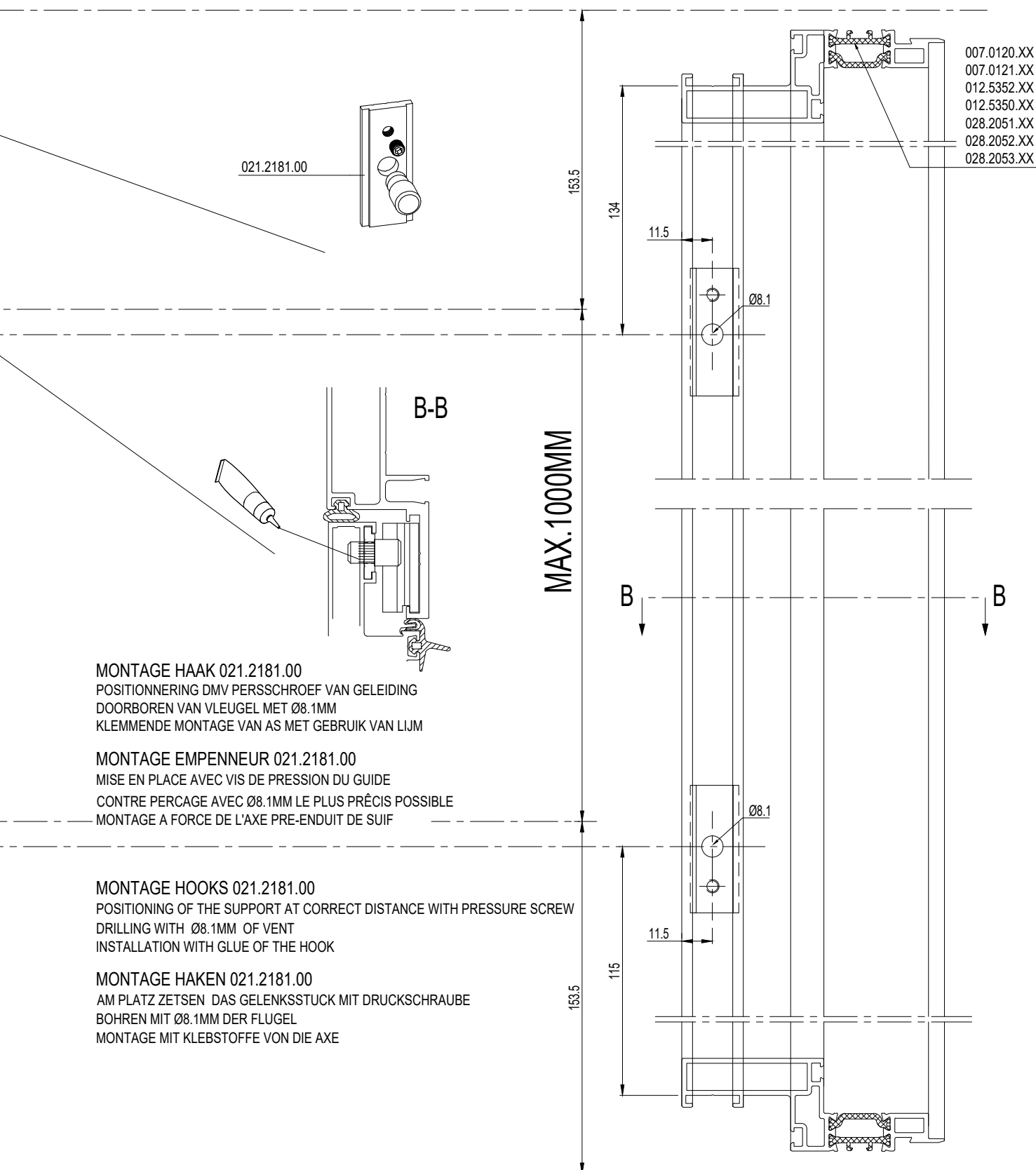


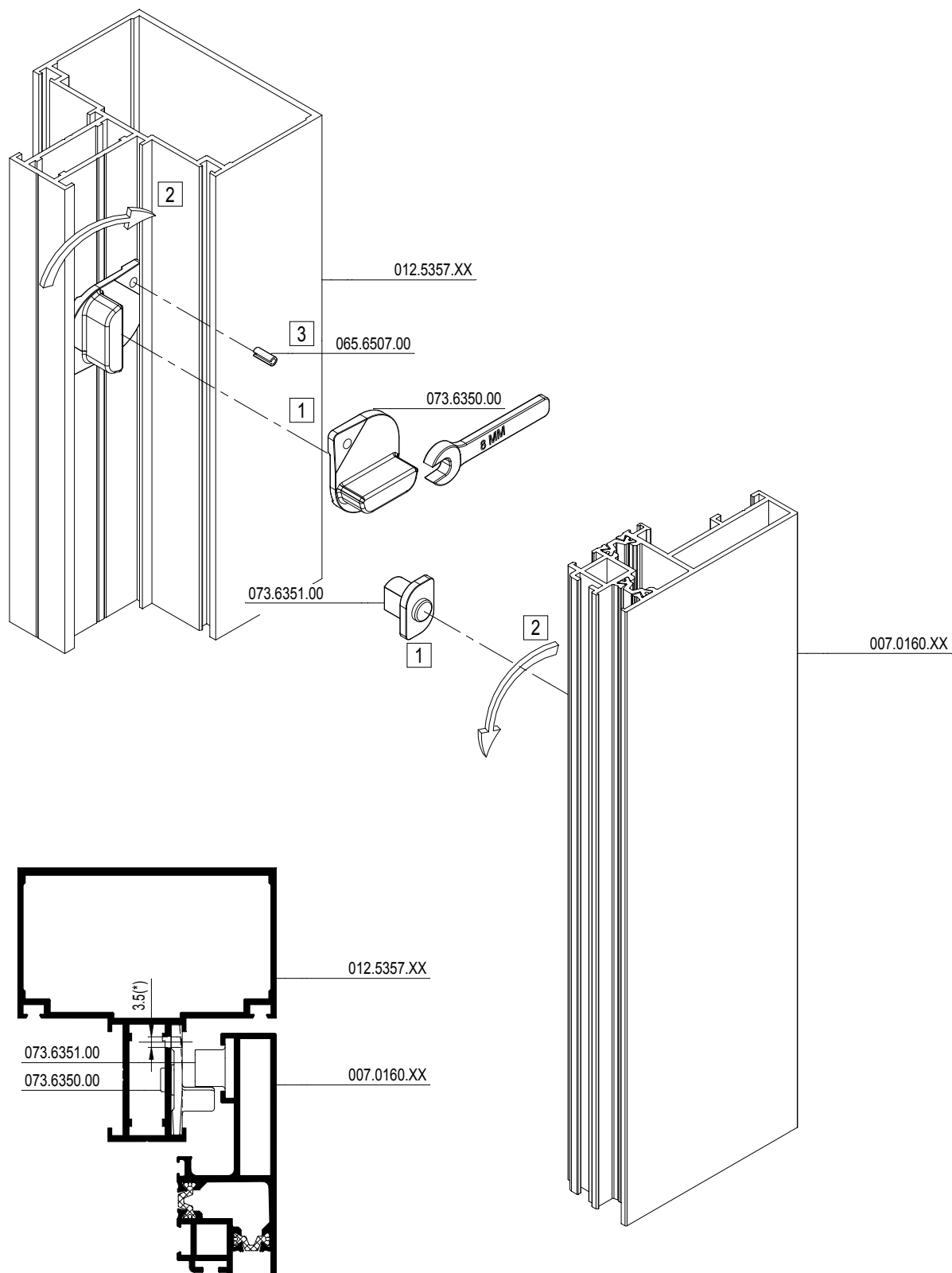




MAX. 1000MM





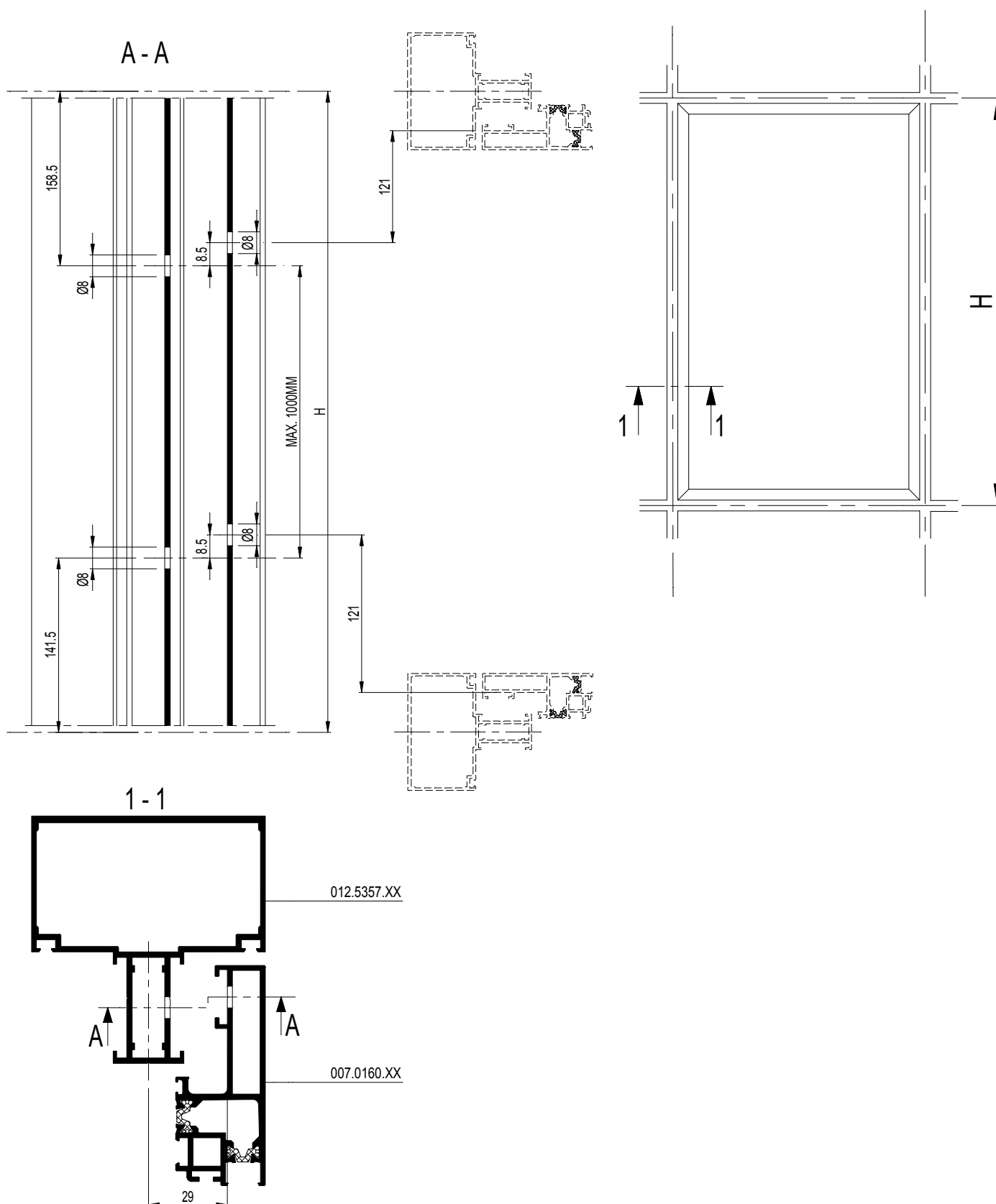


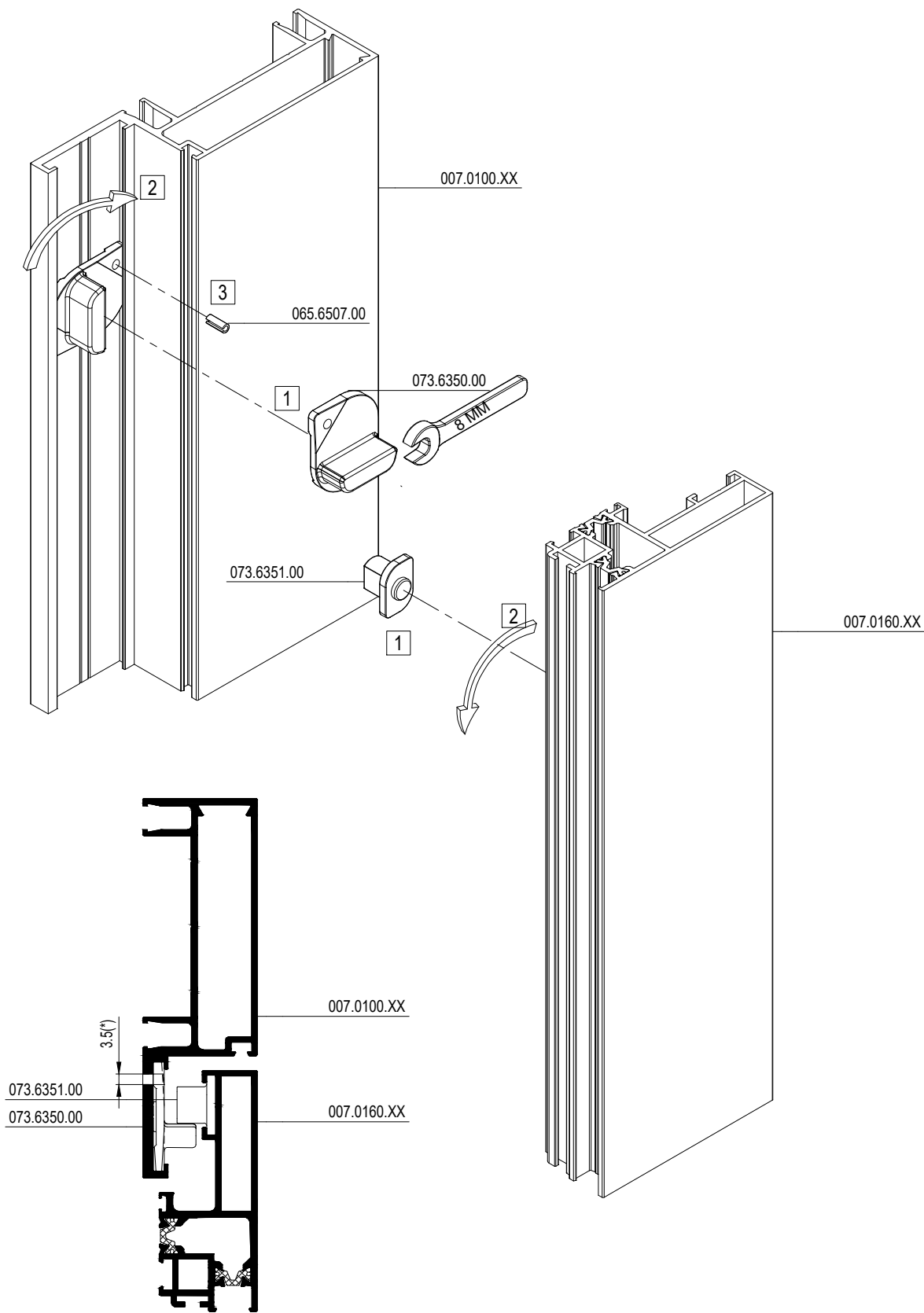
(*) OPENING PAS BOREN NA MONTAGE VAN ONDERDEEL
OUVERTURE A FORER APRES MONTAGE DE L'ACCESSOIRE
OPENING TO BE DRILLED AFTER ASSEMBLY OF THE ACCESSORY
ÖFFNUNG ZU MACHEN NACH ANBRINGEN DES UNTERTEILS

073.6350.00

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .





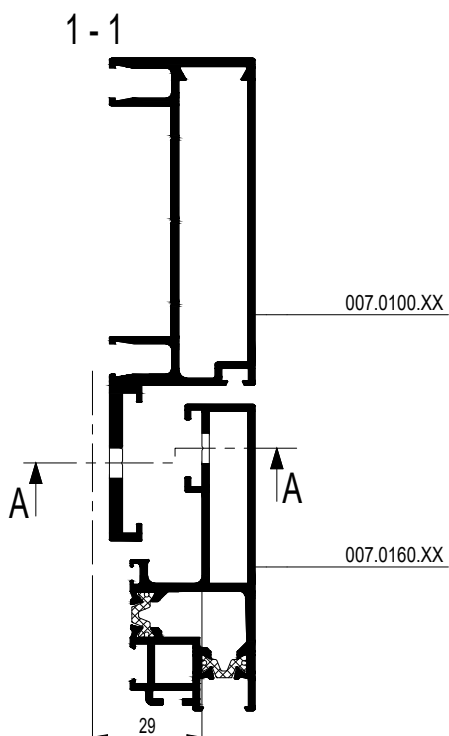
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

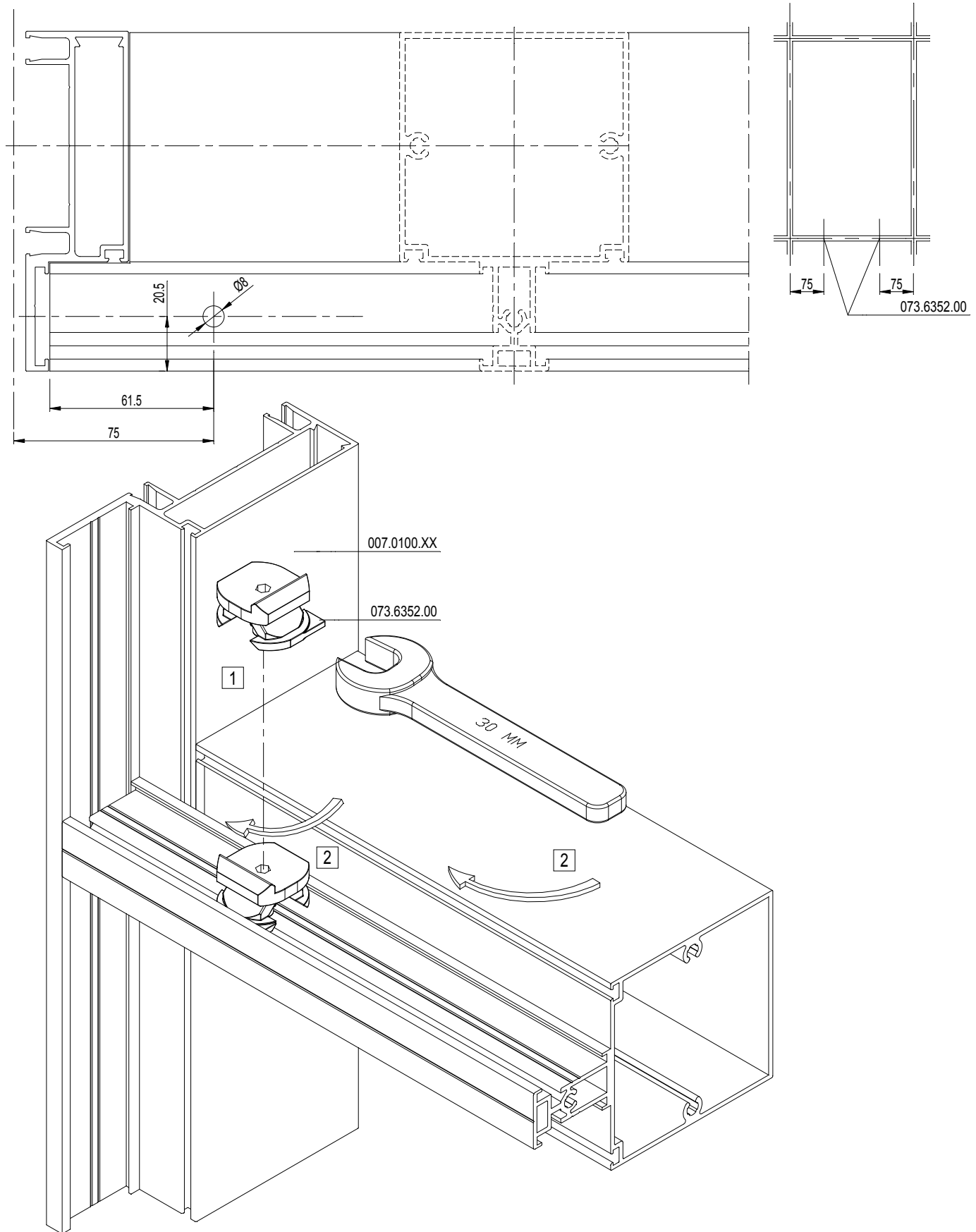
- 1 2 3 .

(*)OPENING PAS BOREN NA MONTAGE VAN ONDERDEEL
OUVERTURE A FORER APRES MONTAGE DE L'ACCESSOIRE
OPENING TO BE DRILLED AFTER ASSEMBLY OF THE ACCESSORY
ÖFFNUNG ZU MACHEN NACH ANBRINGEN DES UNTERTEILS

073.6350.00

D0073548

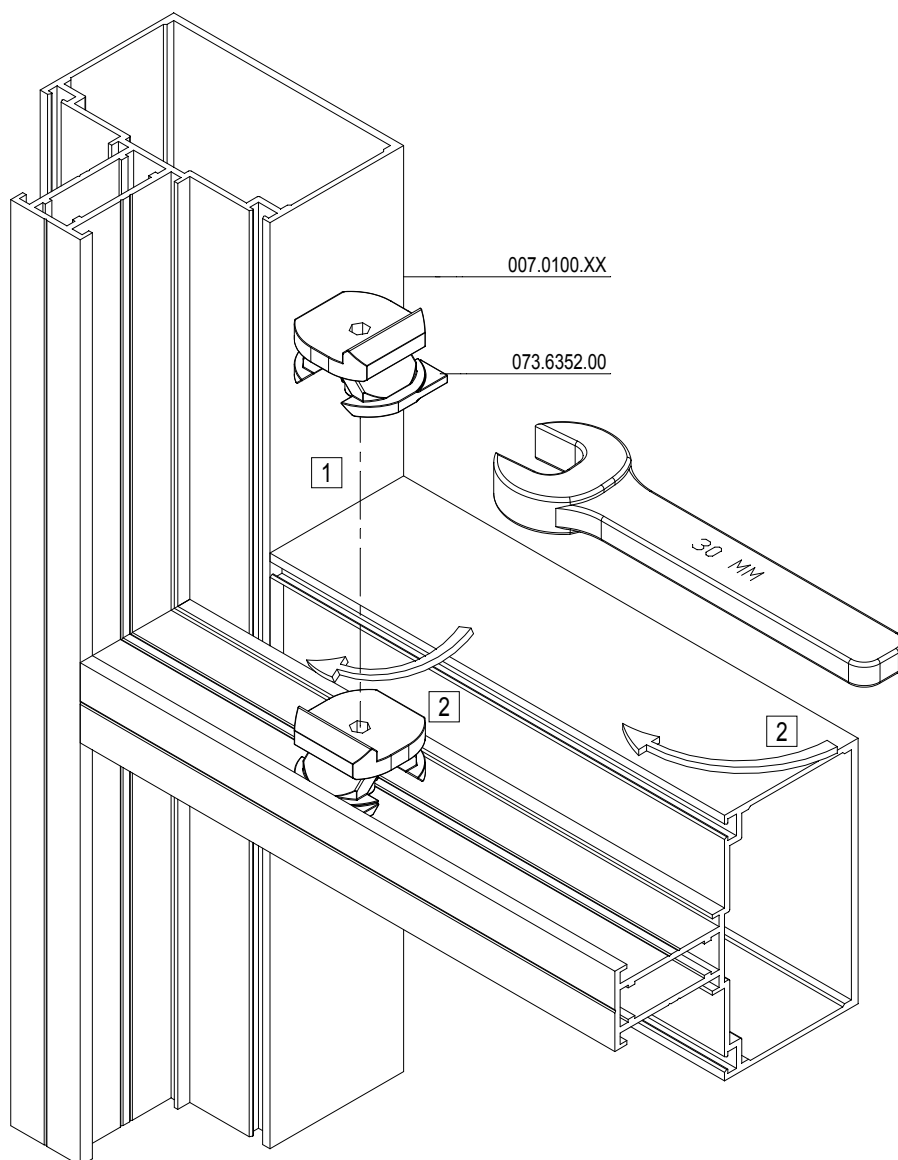
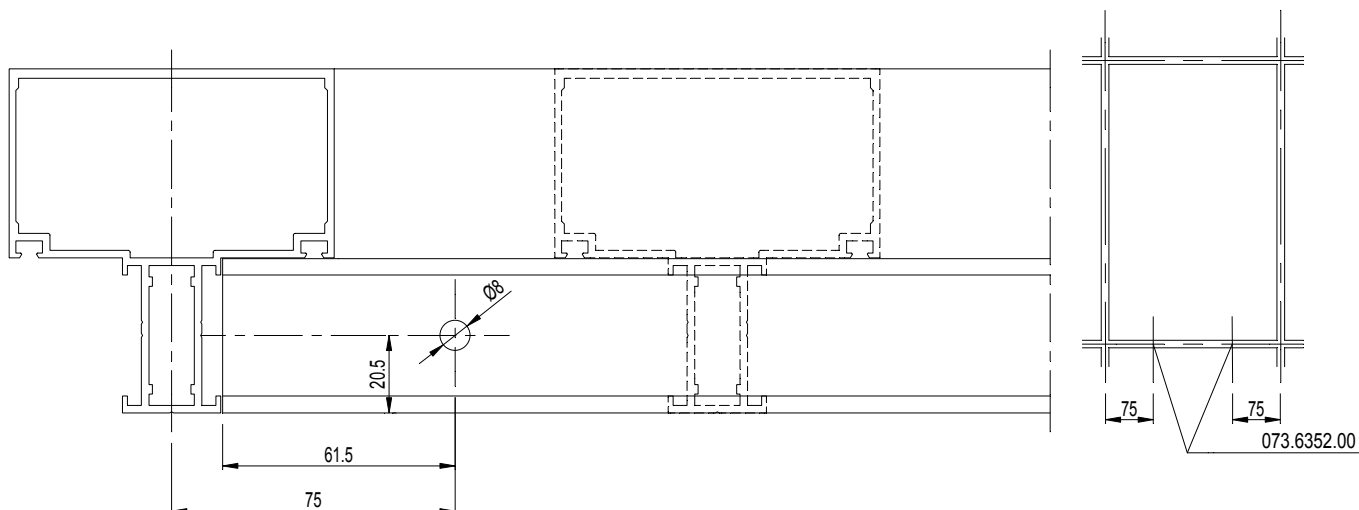




MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

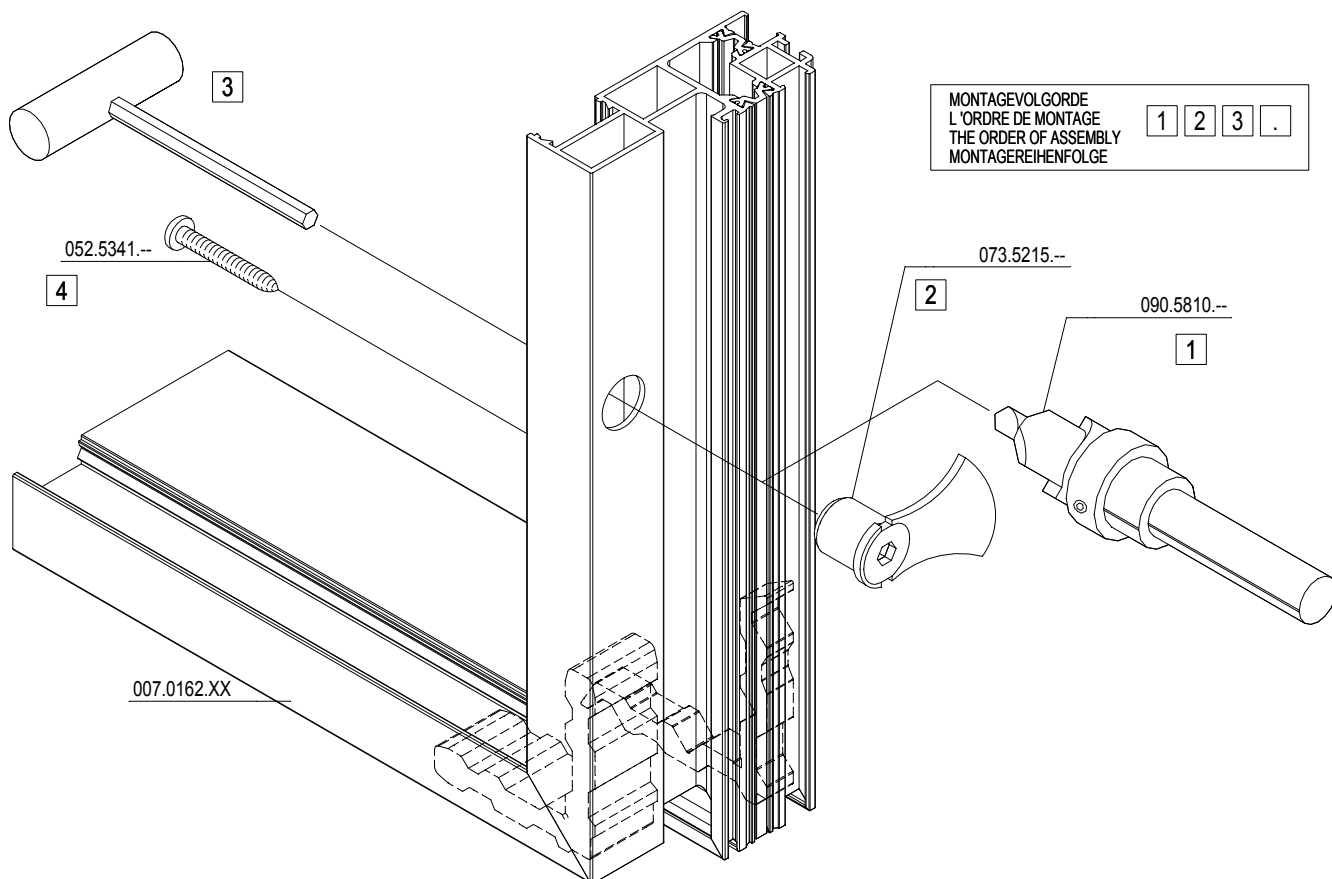
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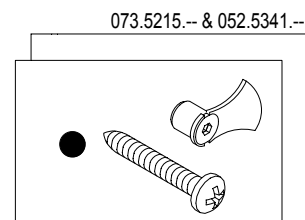
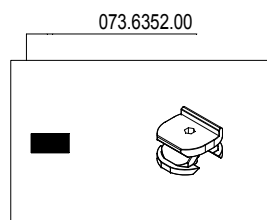
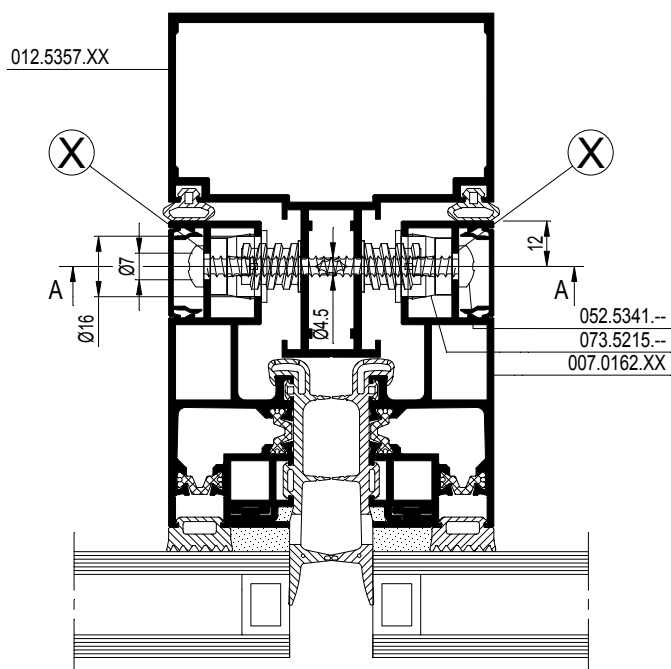
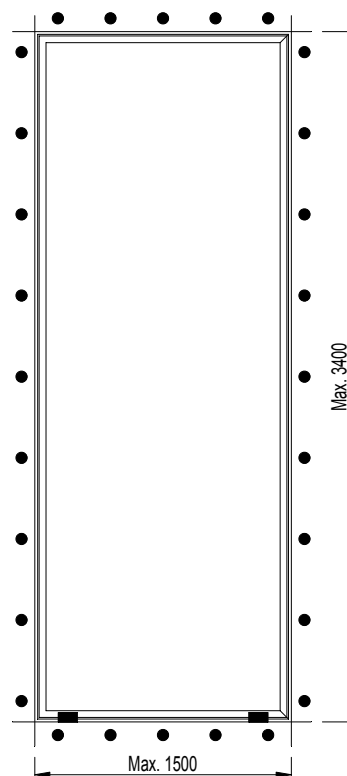
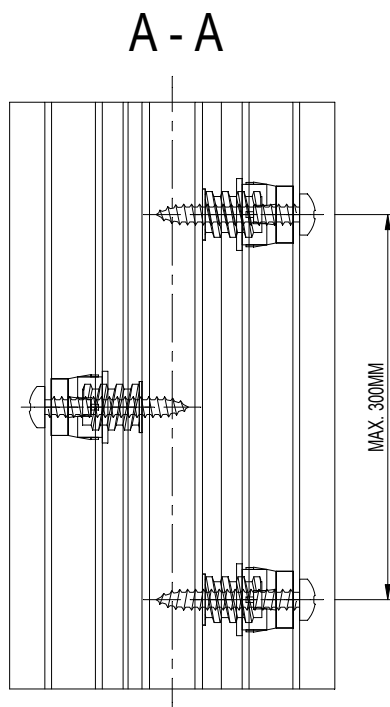
D0074027



MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .



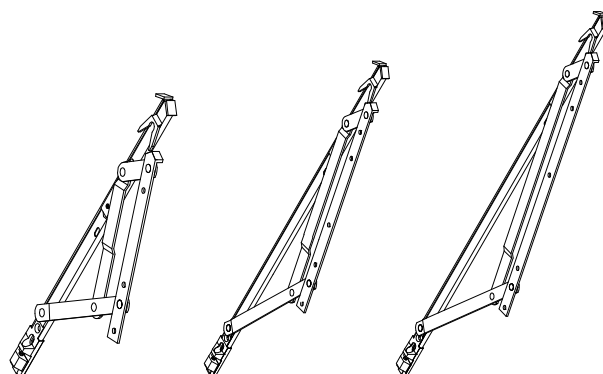
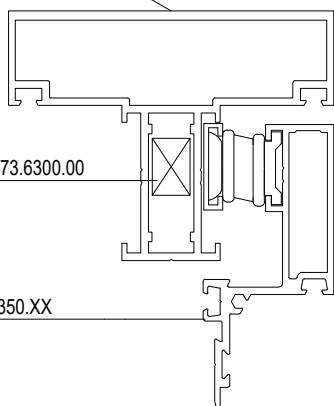


(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

012.5356.XX

073.6300.00

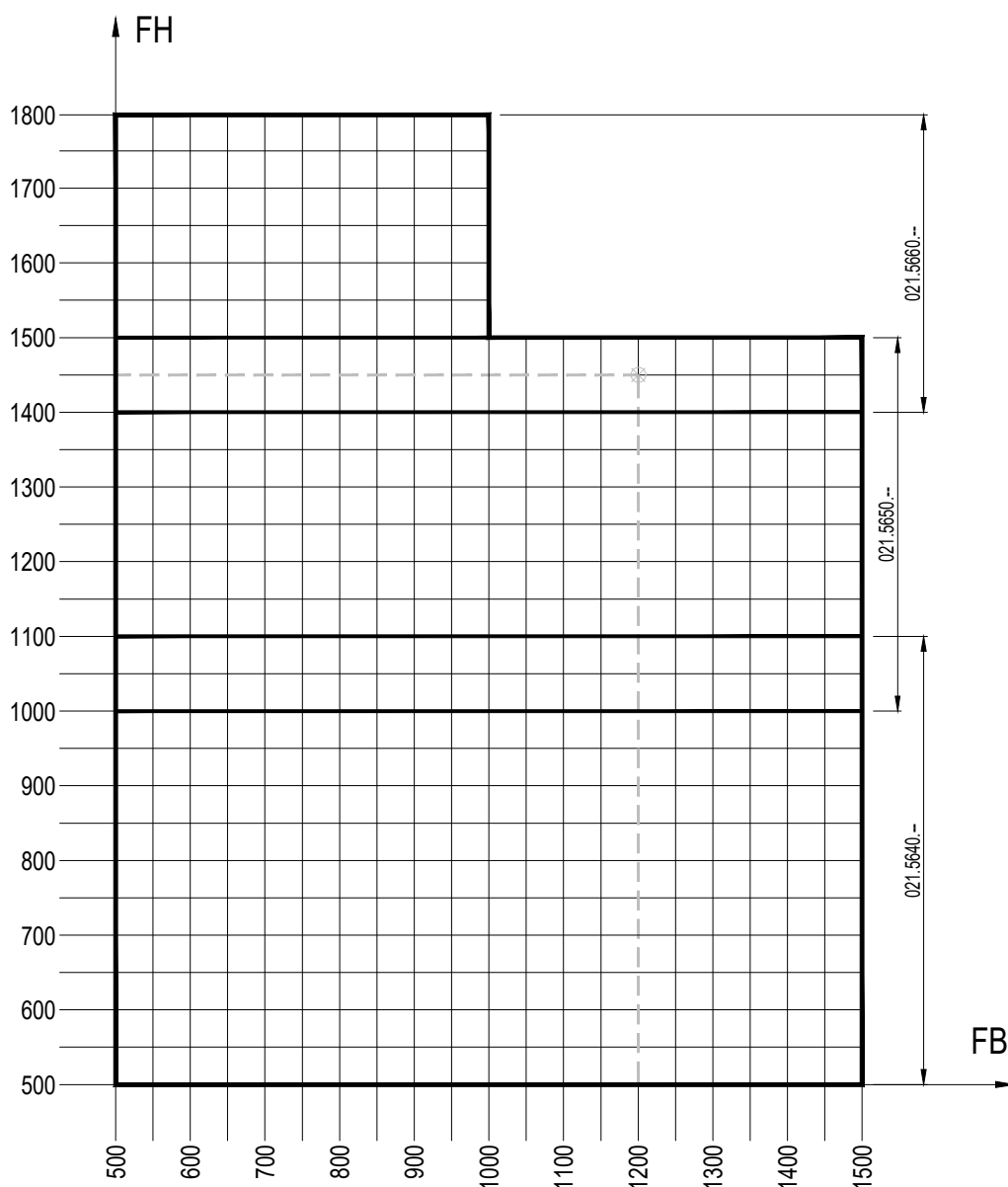
012.5350.XX



021.5640.--
MAX.80kg

021.5650.--
MAX.80kg

021.5660.--
MAX.80kg



FB				
FH		500-800	800-1000	1000-1500
	500-800	021.5640.-- 2 x 060.7065.--	021.5640.-- 2 x 060.7065.-- 2 x 069.7073--	021.5640.-- 3 x 060.7065.-- 2 x 069.7073--
	800-1100	021.5640.-- 4 x 060.7065.-- 2 x 060.7871--	021.5640.-- 4 x 060.7065.-- 2 x 069.7073-- 2 x 060.7871--	021.5640.-- 5 x 060.7065.-- 2 x 069.7073-- 2 x 060.7871--
	1000-1400	021.5650.-- 4 x 060.7065.-- 2 x 060.7871--	021.5650.-- 4 x 060.7065.-- 2 x 069.7073-- 2 x 060.7871--	021.5650.-- 5 x 060.7065.-- 2 x 069.7073-- 2 x 060.7871--
	1400-1500	021.5650.-- 6 x 060.7065.-- 2 x 060.7871-- of-ou-or-oder 021.5660.-- 4 x 060.7065.-- 2 x 060.7871--	021.5650.-- 6 x 060.7065.-- 2 x 069.7073-- 2 x 060.7871-- of-ou-or-oder 021.5660.-- 4 x 060.7065.-- 2 x 069.7073-- 2 x 060.7871--	021.5650.-- 7 x 060.7065.-- 2 x 069.7073-- 2 x 060.7871-- of-ou-or-oder 021.5660.-- 5 x 060.7065.-- 2 x 069.7073-- 2 x 060.7871--
	1500-1800	021.5660.-- 6 x 060.7065.-- 2 x 060.7871--	021.5660.-- 6 x 060.7065.-- 2 x 069.7073-- 2 x 060.7871--	

VOORBEELD EXEMPLE BEISPIEL EXAMPLE

FB = 1200 FH = 1450 W = 50 kg

- 021.5650.--



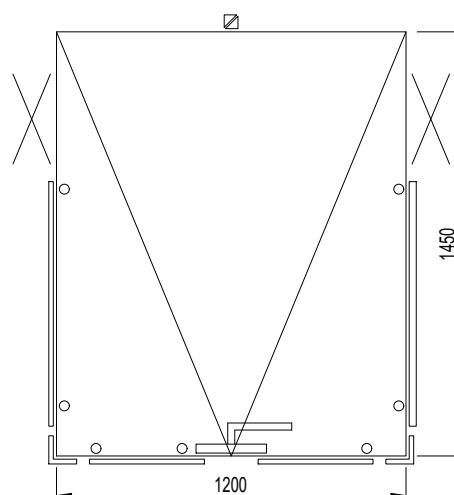
- 2 x 069.7073.01



- 2 x 060.7871.--

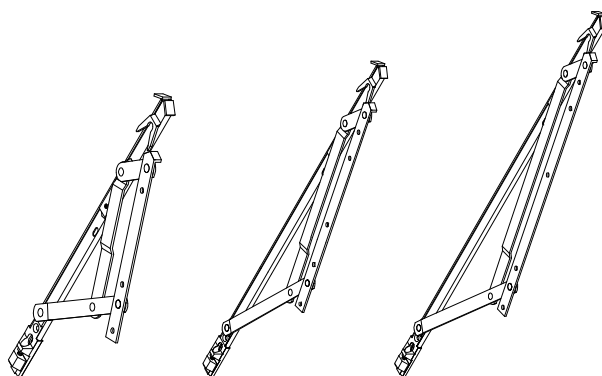


- 7 x 060.7065.--

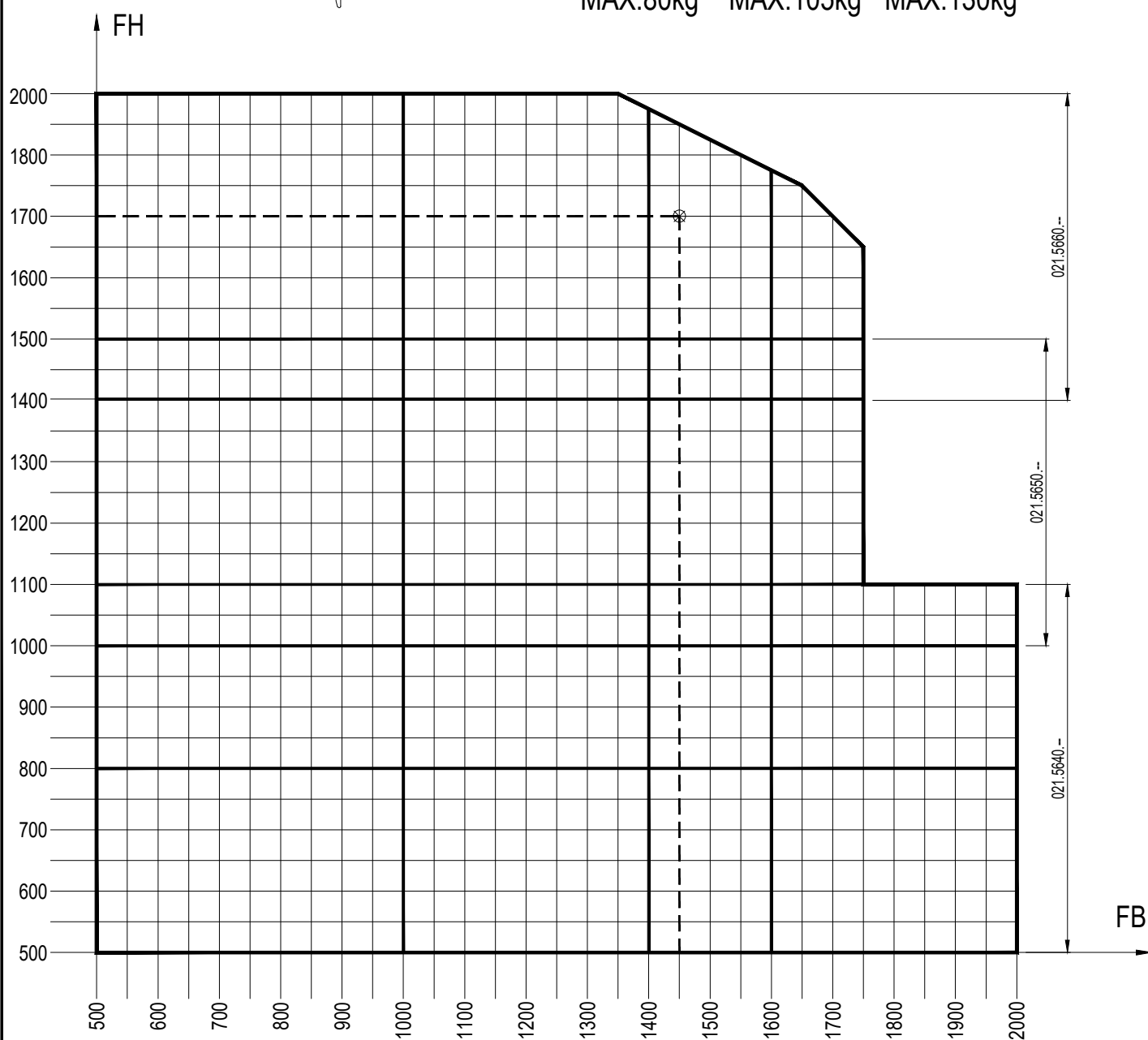


012.5356.XX

007.0120.XX-028.2051.XX



021.5640.-- 021.5650.-- 021.5660.--
MAX.80kg MAX.105kg MAX.130kg



D0045298

FB						
FH		500-800	800-1000	1000-1400	1400-1600	1600-2000
	500-800	021.5640.-- 2 x 060.7065.--	021.5640.-- 2 x 060.7065.-- 2 x 069.7073.--	021.5640.-- 3 x 060.7065.-- 2 x 069.7073.--	021.5640.-- 3 x 060.7065.-- 4 x 069.7073.--	021.5640.-- 4 x 060.7065.-- 4 x 069.7073.--
	800-1100	021.5640.-- 4 x 060.7065.-- 2 x 060.7871.--	021.5640.-- 4 x 060.7065.-- 2 x 069.7073.-- 2 x 060.7871.--	021.5640.-- 5 x 060.7065.-- 2 x 069.7073.-- 2 x 060.7871.--	021.5640.-- 5 x 060.7065.-- 4 x 069.7073.-- 2 x 060.7871.--	021.5640.-- 6 x 060.7065.-- 4 x 069.7073.-- 2 x 060.7871.--
	1000-1400	021.5650.-- 4 x 060.7065.-- 2 x 060.7871.--	021.5650.-- 4 x 060.7065.-- 2 x 069.7073.-- 2 x 060.7871.--	021.5650.-- 5 x 060.7065.-- 2 x 069.7073.-- 2 x 060.7871.--	021.5650.-- 5 x 060.7065.-- 4 x 069.7073.-- 2 x 060.7871.--	021.5650.-- 6 x 060.7065.-- 4 x 069.7073.-- 2 x 060.7871.--
	1400-1500	021.5650.-- 6 x 060.7065.-- 2 x 060.7871.-- of-ou-or-oder 021.5660.-- 4 x 060.7065.-- 2 x 060.7871.--	021.5650.-- 6 x 060.7065.-- 2 x 069.7073.-- 2 x 060.7871.-- of-ou-or-oder 021.5660.-- 4 x 060.7065.-- 2 x 069.7073.-- 2 x 060.7871.--	021.5650.-- 7 x 060.7065.-- 2 x 069.7073.-- 2 x 060.7871.-- of-ou-or-oder 021.5660.-- 5 x 060.7065.-- 2 x 069.7073.-- 2 x 060.7871.--	021.5650.-- 7 x 060.7065.-- 4 x 069.7073.-- 2 x 060.7871.-- of-ou-or-oder 021.5660.-- 5 x 060.7065.-- 4 x 069.7073.-- 2 x 060.7871.--	021.5650.-- 8 x 060.7065.-- 4 x 069.7073.-- 2 x 060.7871.-- of-ou-or-oder 021.5660.-- 6 x 060.7065.-- 4 x 069.7073.-- 2 x 060.7871.--
	1500-2000	021.5660.-- 6 x 060.7065.-- 2 x 060.7871.--	021.5660.-- 6 x 060.7065.-- 2 x 069.7073.-- 2 x 060.7871.--	021.5660.-- 7 x 060.7065.-- 2 x 069.7073.-- 2 x 060.7871.--	021.5660.-- 7 x 060.7065.-- 4 x 069.7073.-- 2 x 060.7871.--	021.5660.-- 8 x 060.7065.-- 4 x 069.7073.-- 2 x 060.7871.--

VOORBEELD EXEMPLE EXAMPLE BEISPIEL

FB = 1450 FH = 1700 W = 90 kg

- 021.5660.--



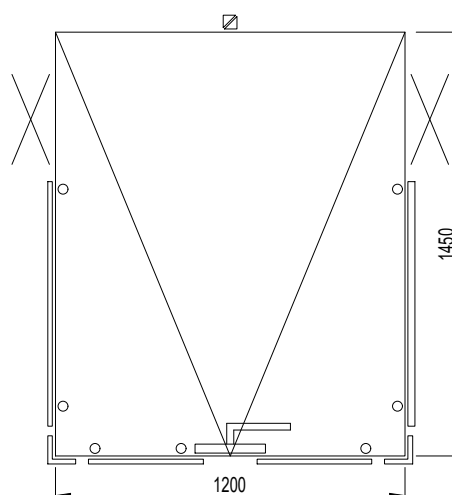
- 4 x 069.7073.01

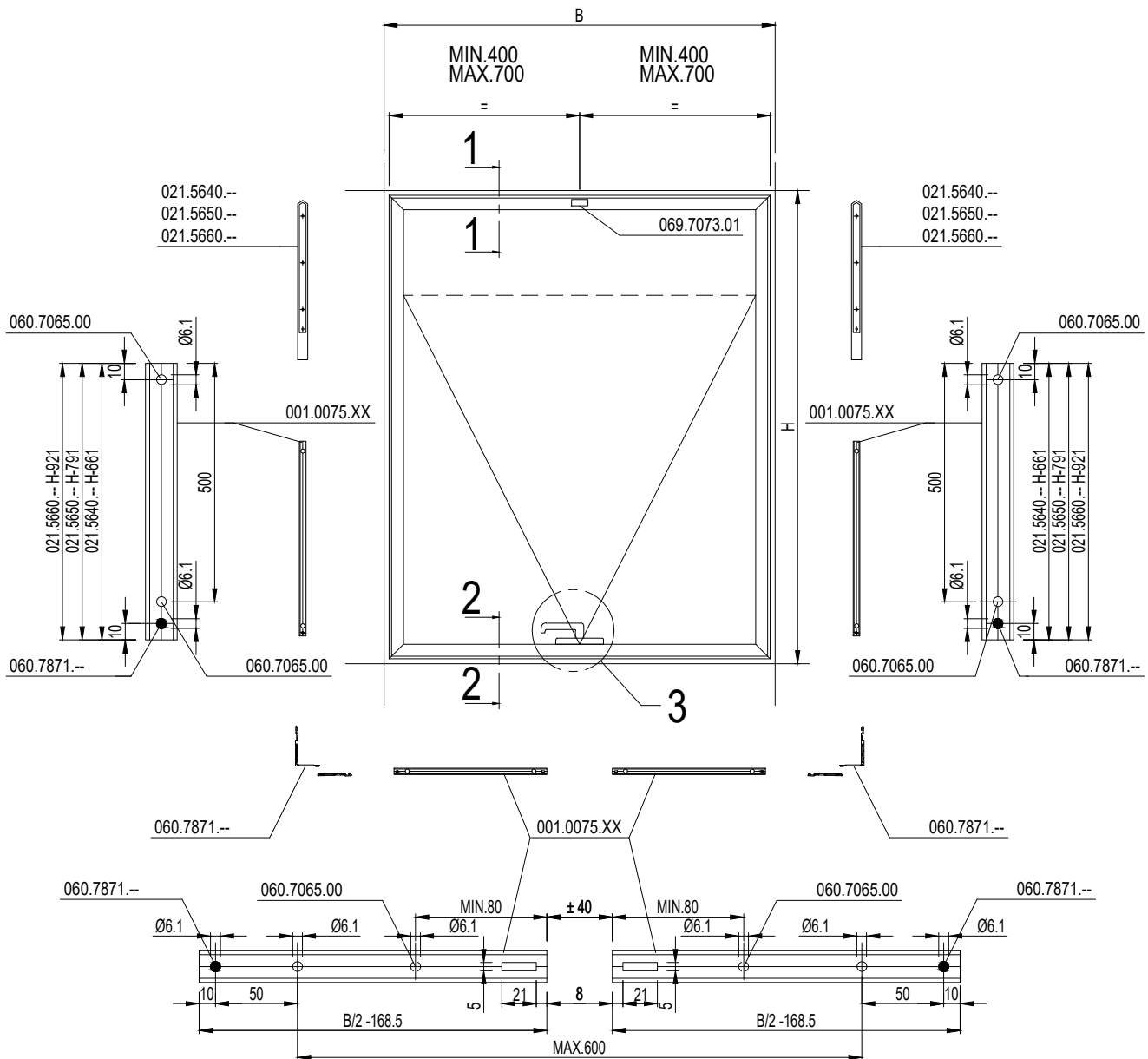


- 2 x 060.7871.--

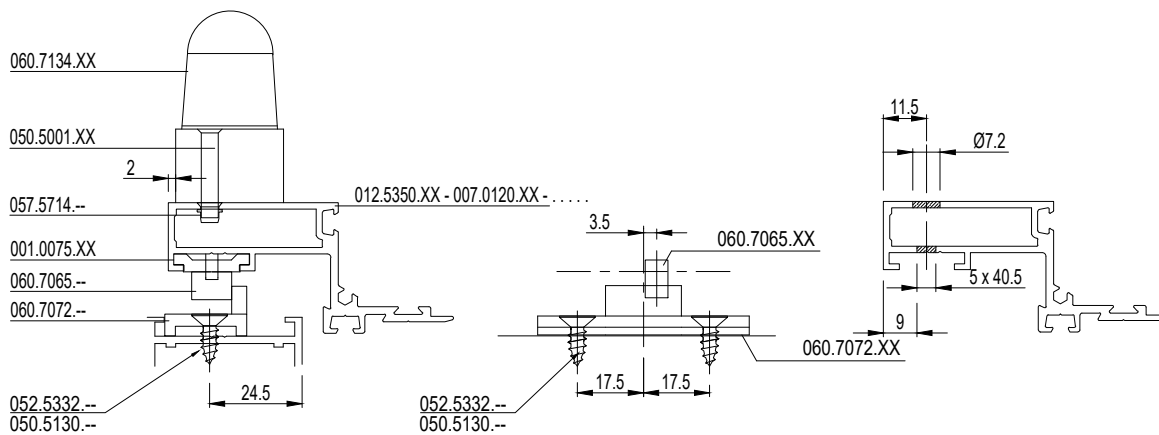


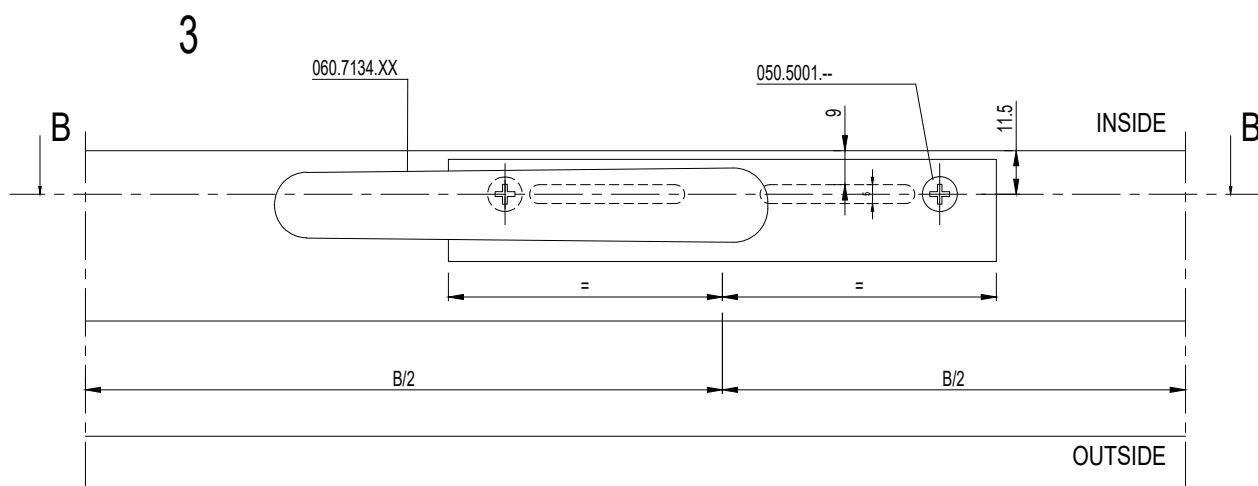
- 7 x 060.7065.--



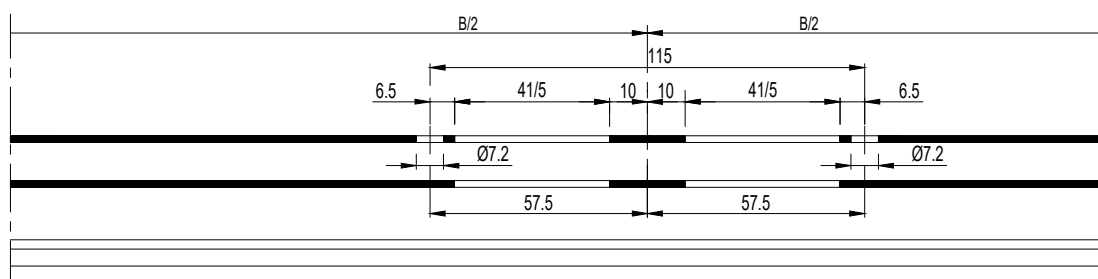


2 - 2



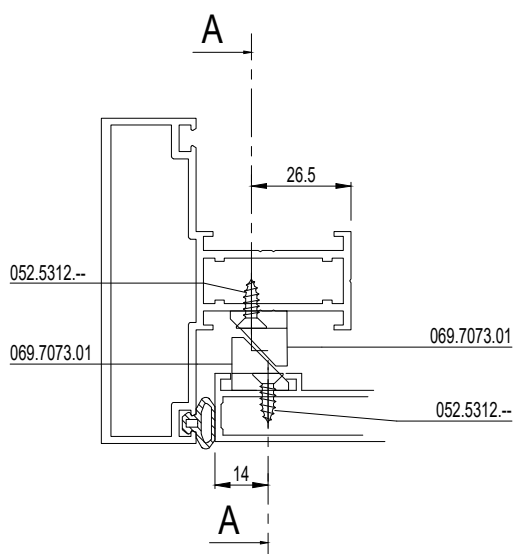


B - B



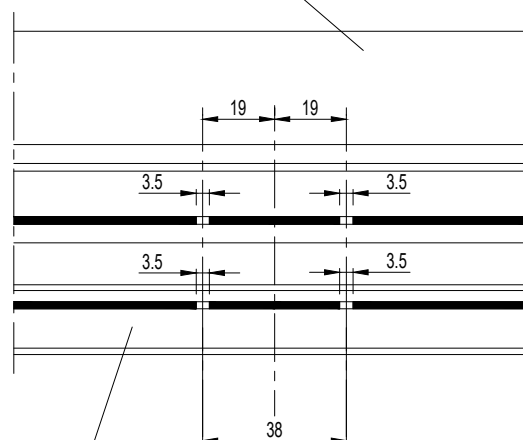
1 - 1

SLUITPUNT BOVEN
GACHE SUPERIEURE
TOP LOCKING POINT
SCHLISSPUNKT OBEN

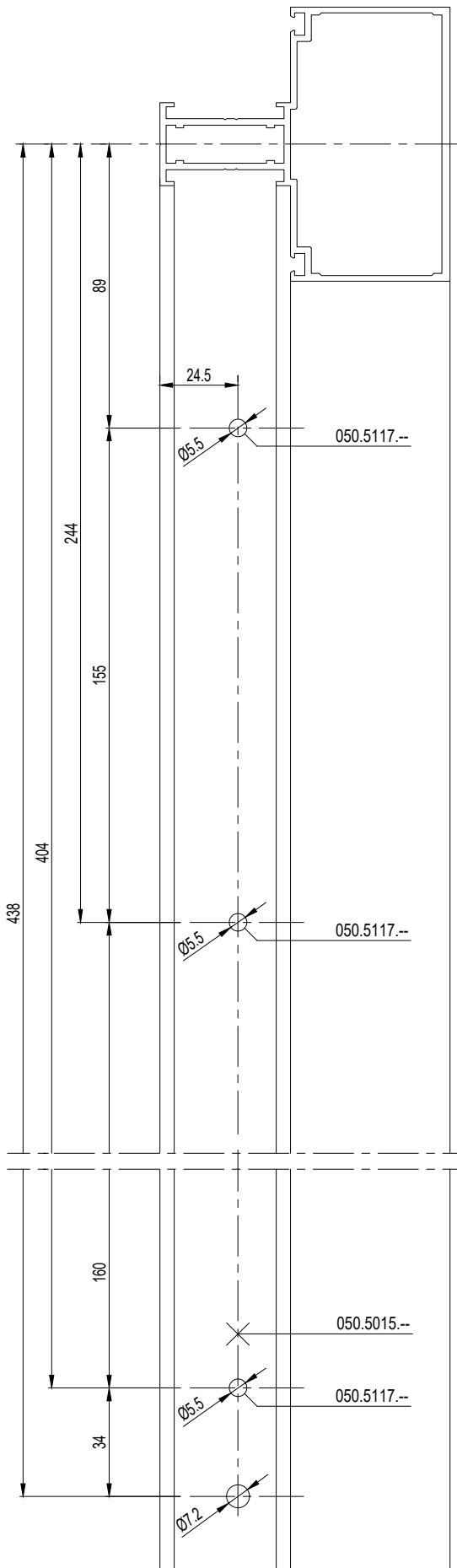


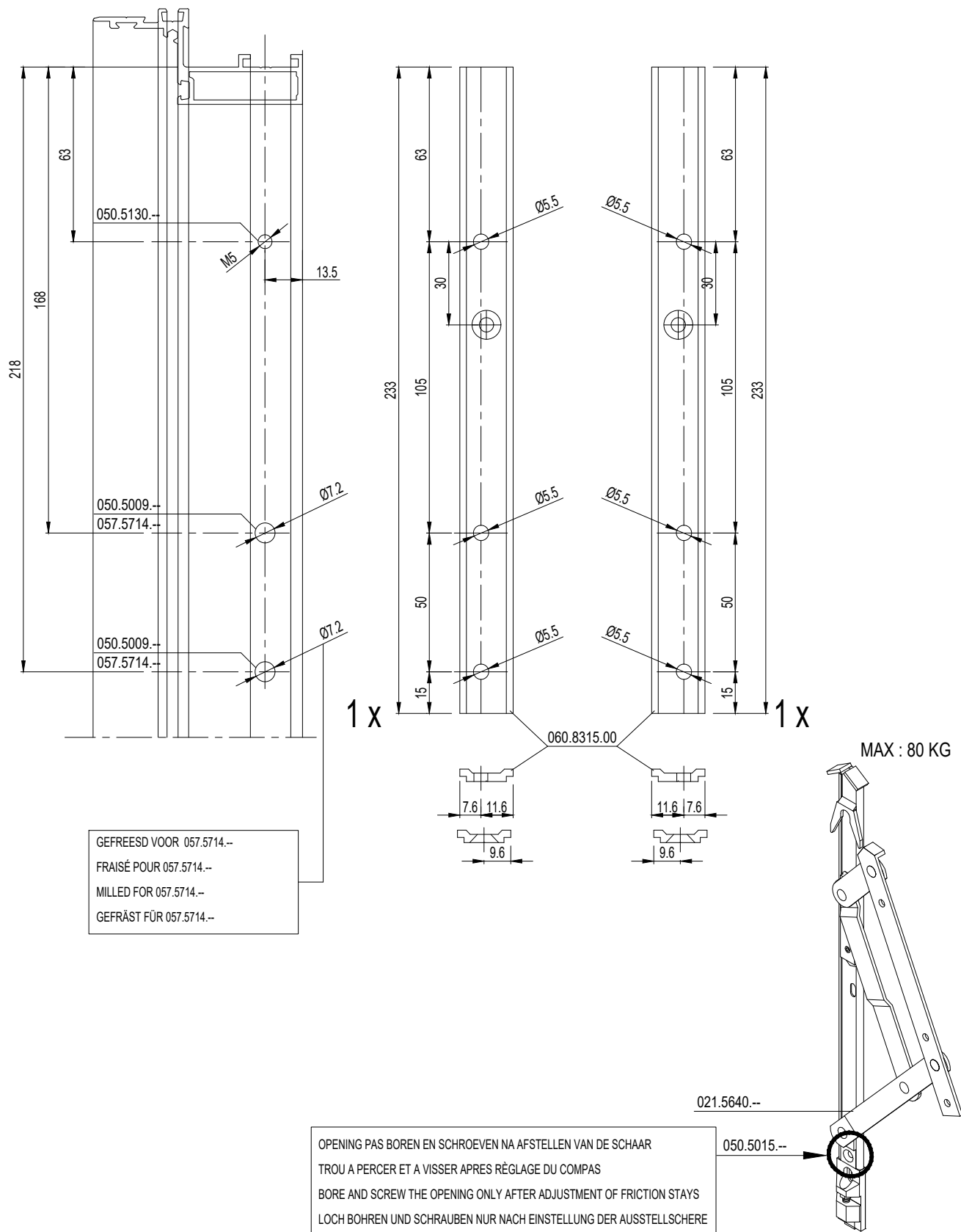
A - A

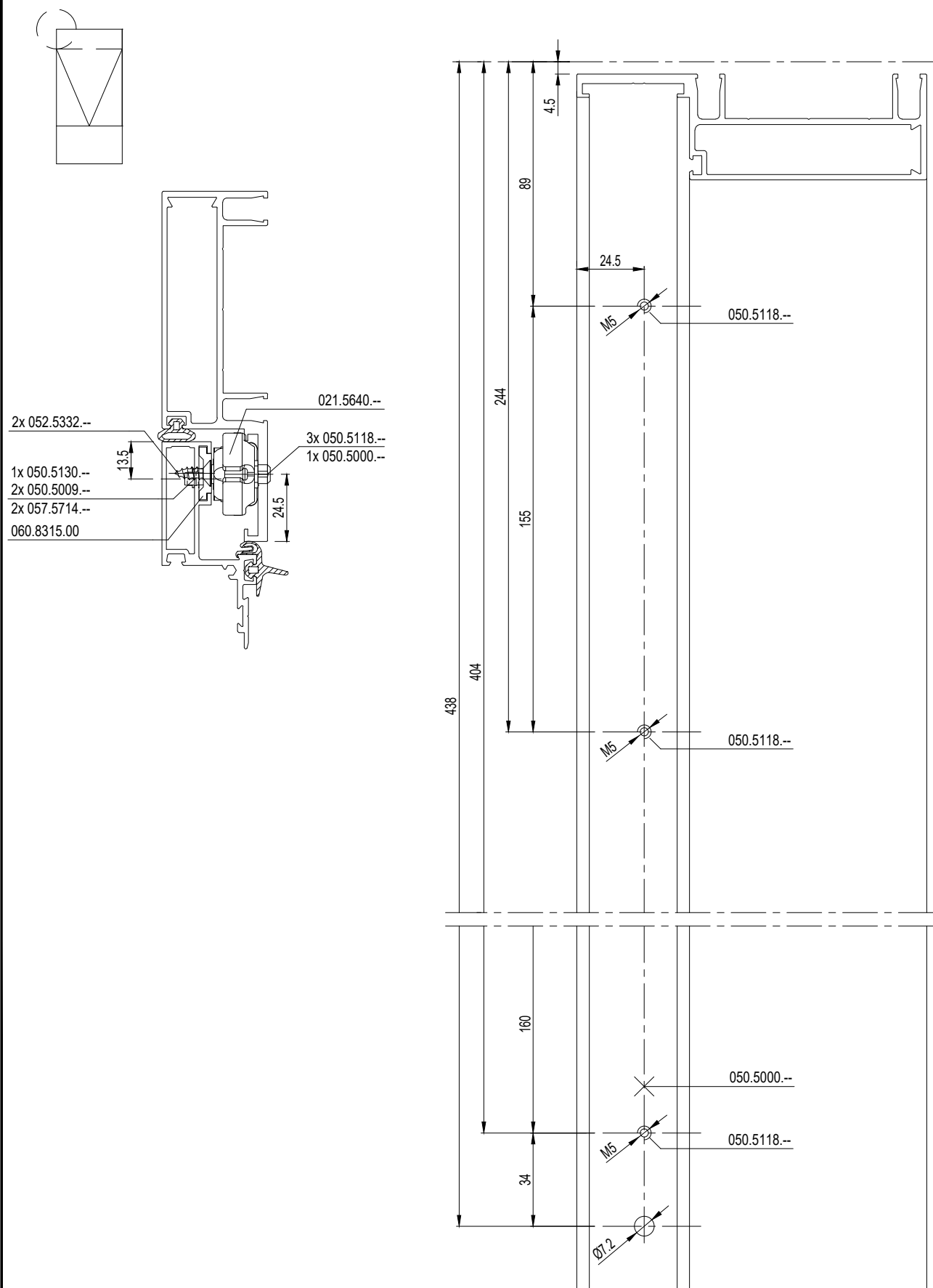
BUITENKADER
DORMANT
OUTER FRAME
BLENDRAHM

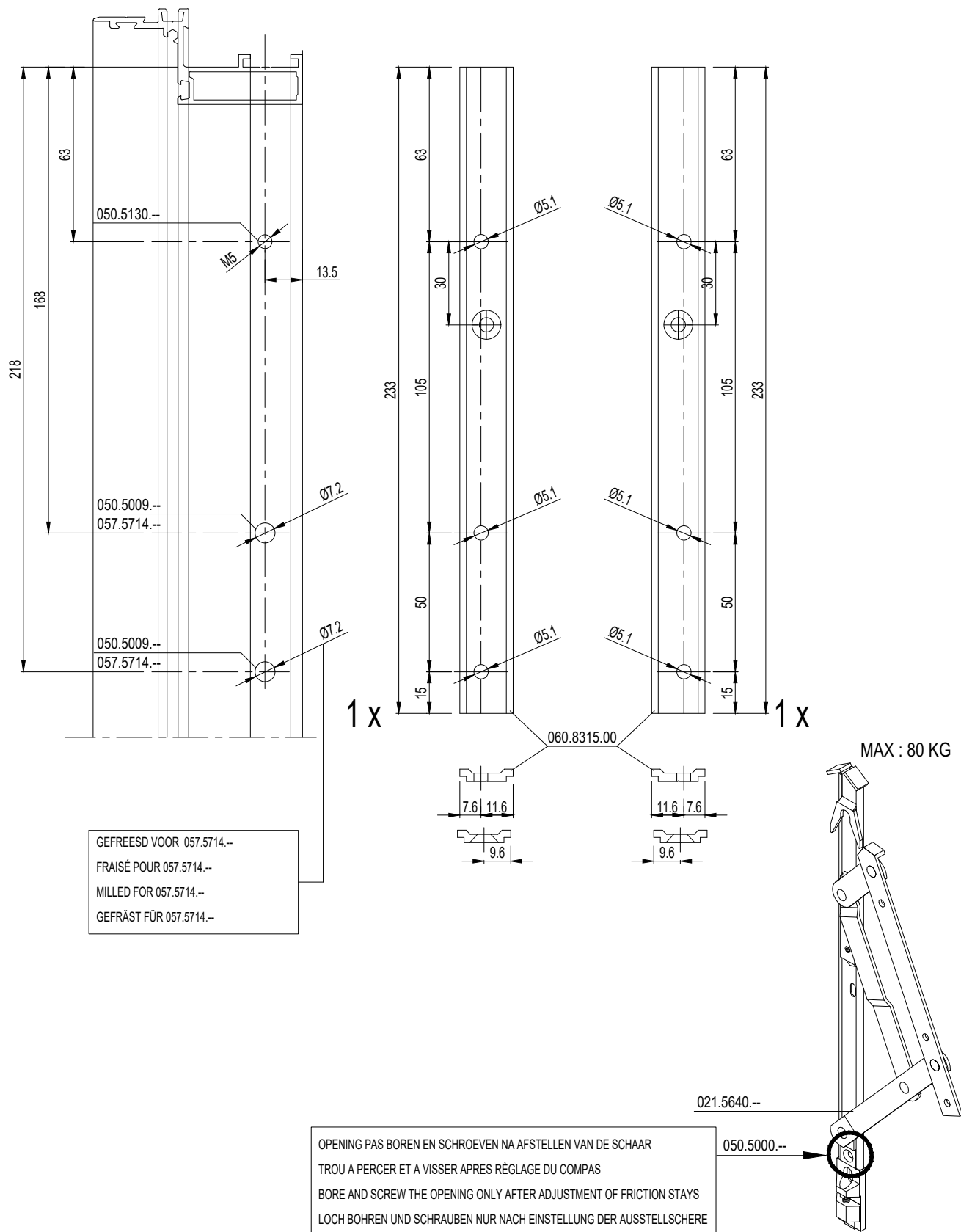


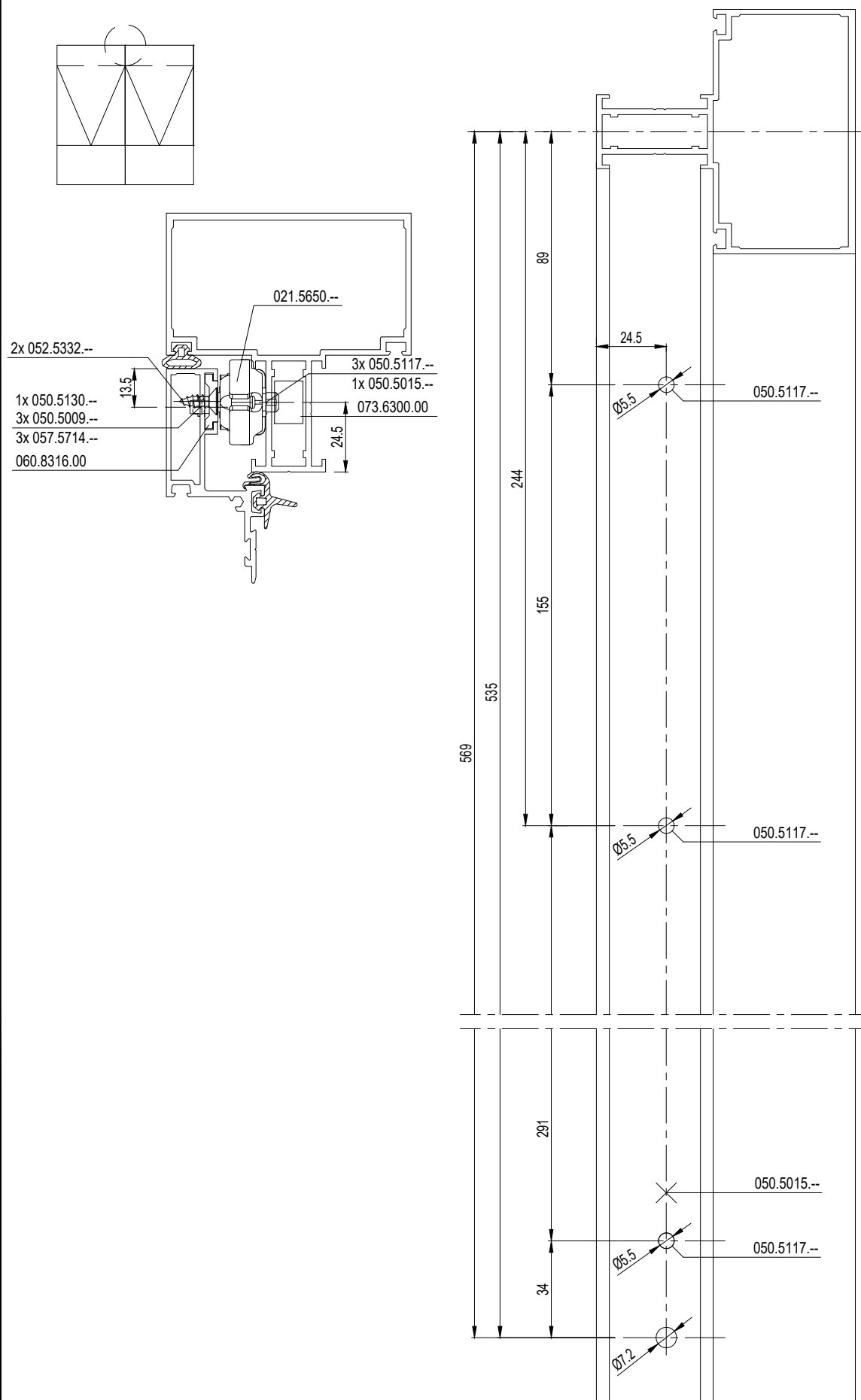
VLEUGEL
OUVRANT
VENT
FLUGEL

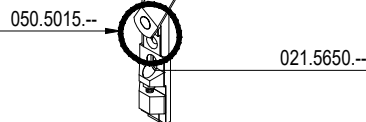


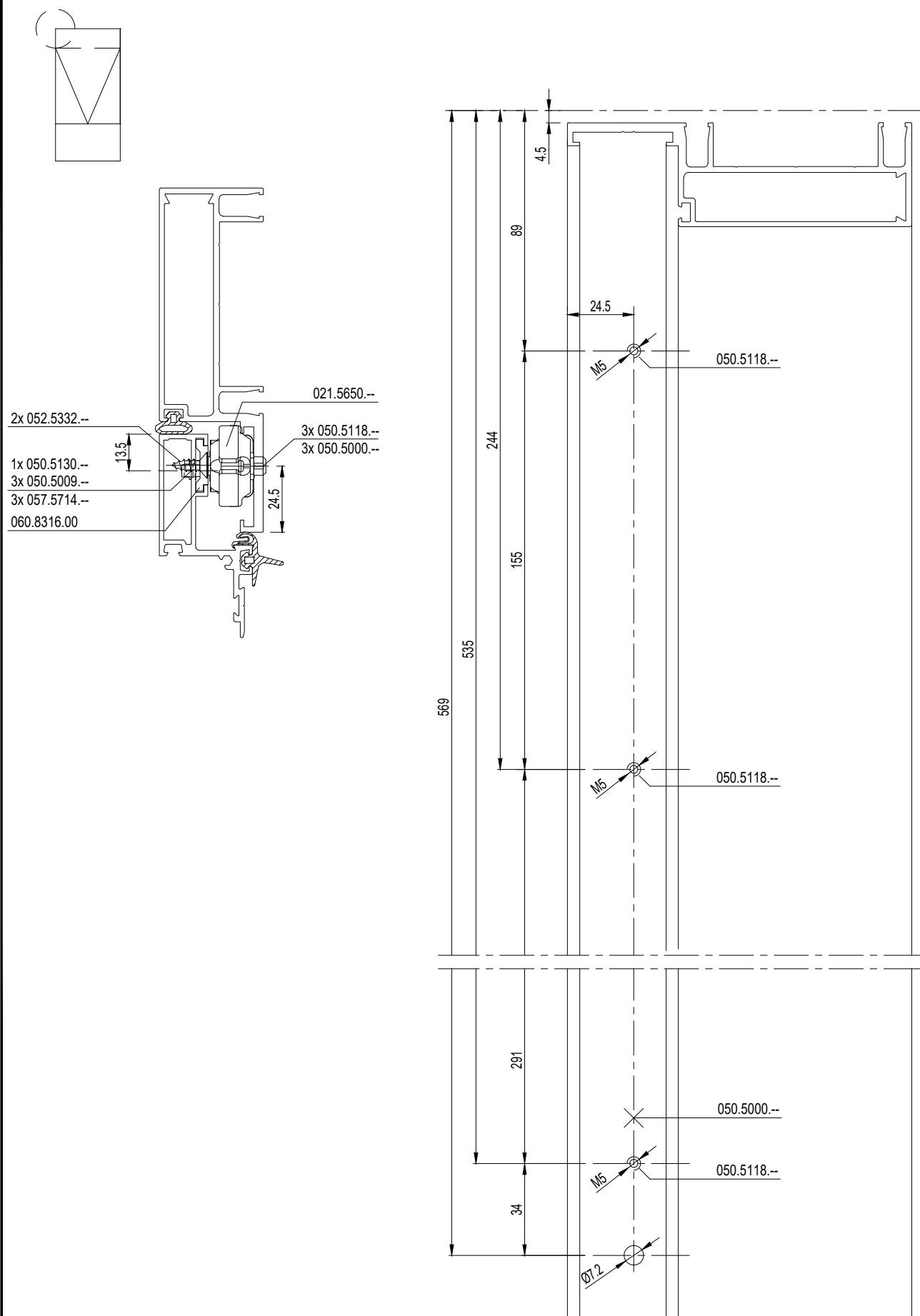


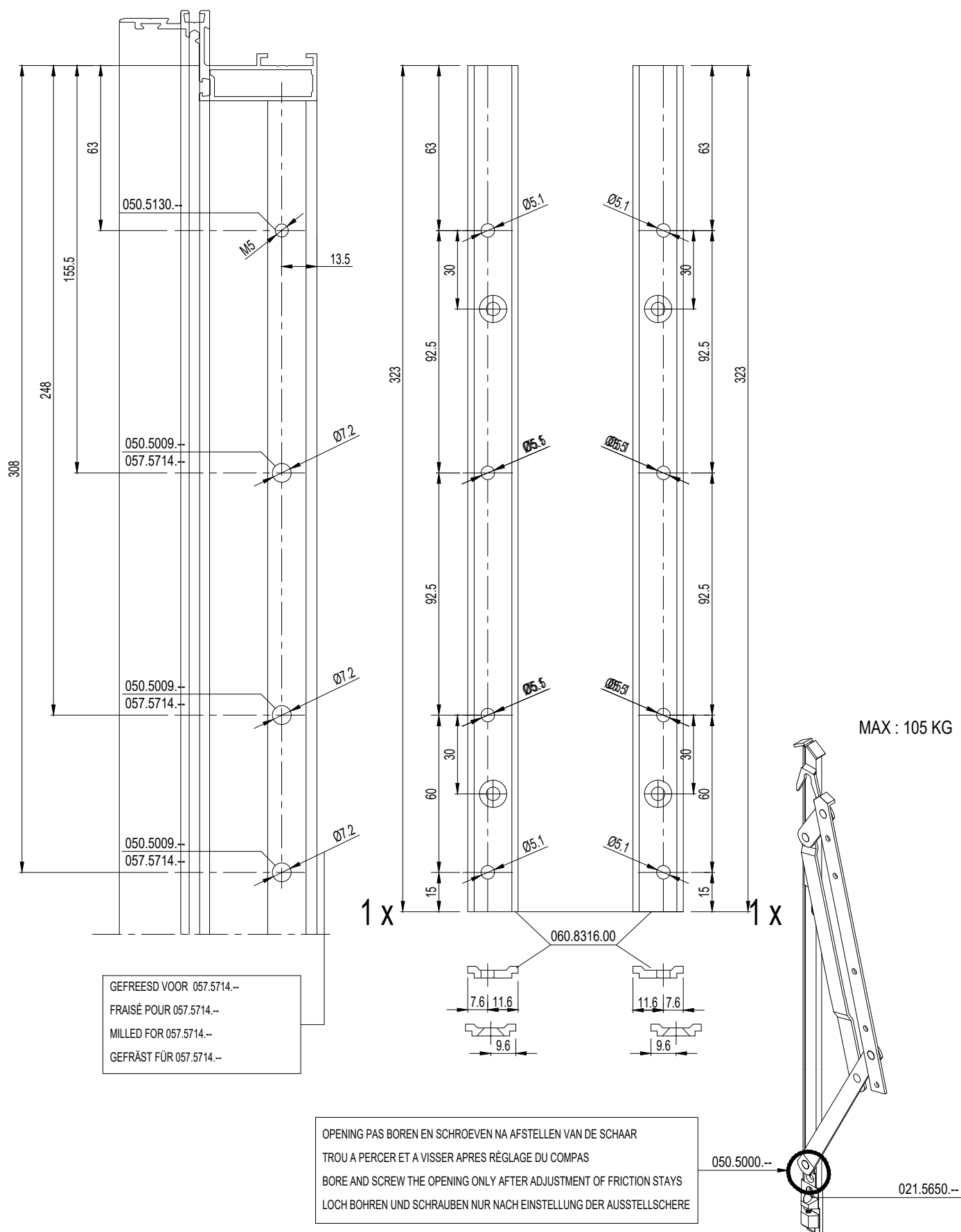


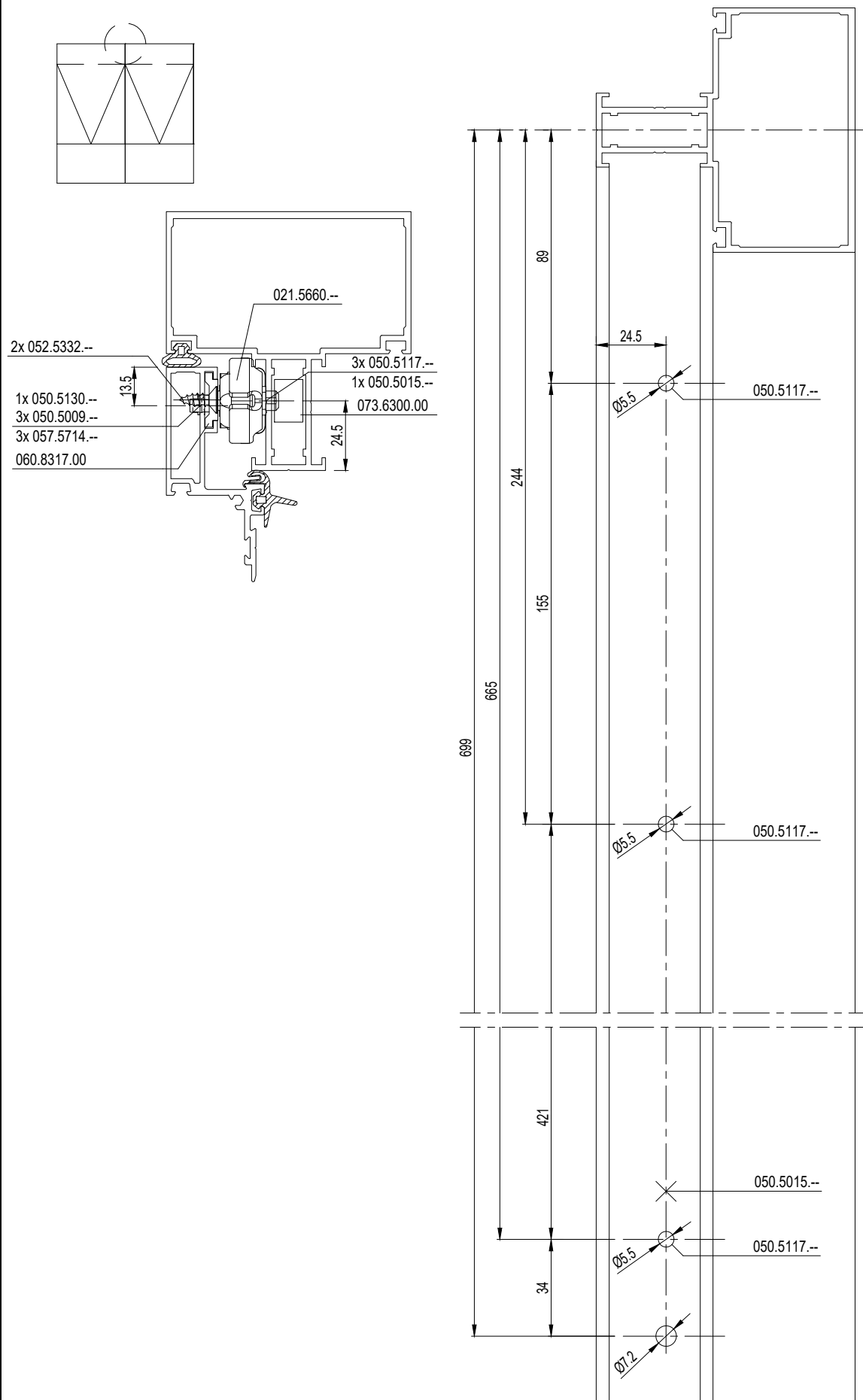


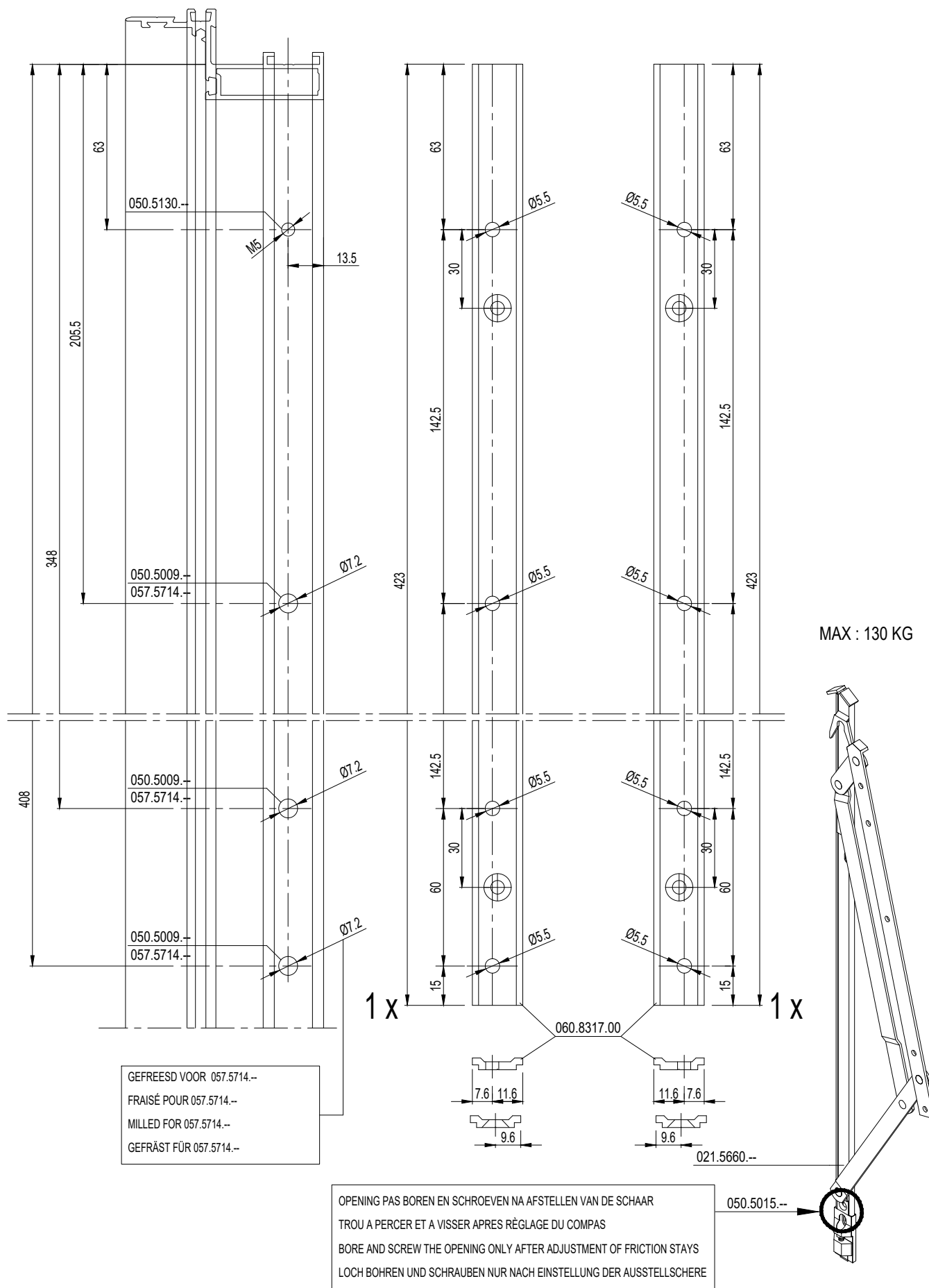


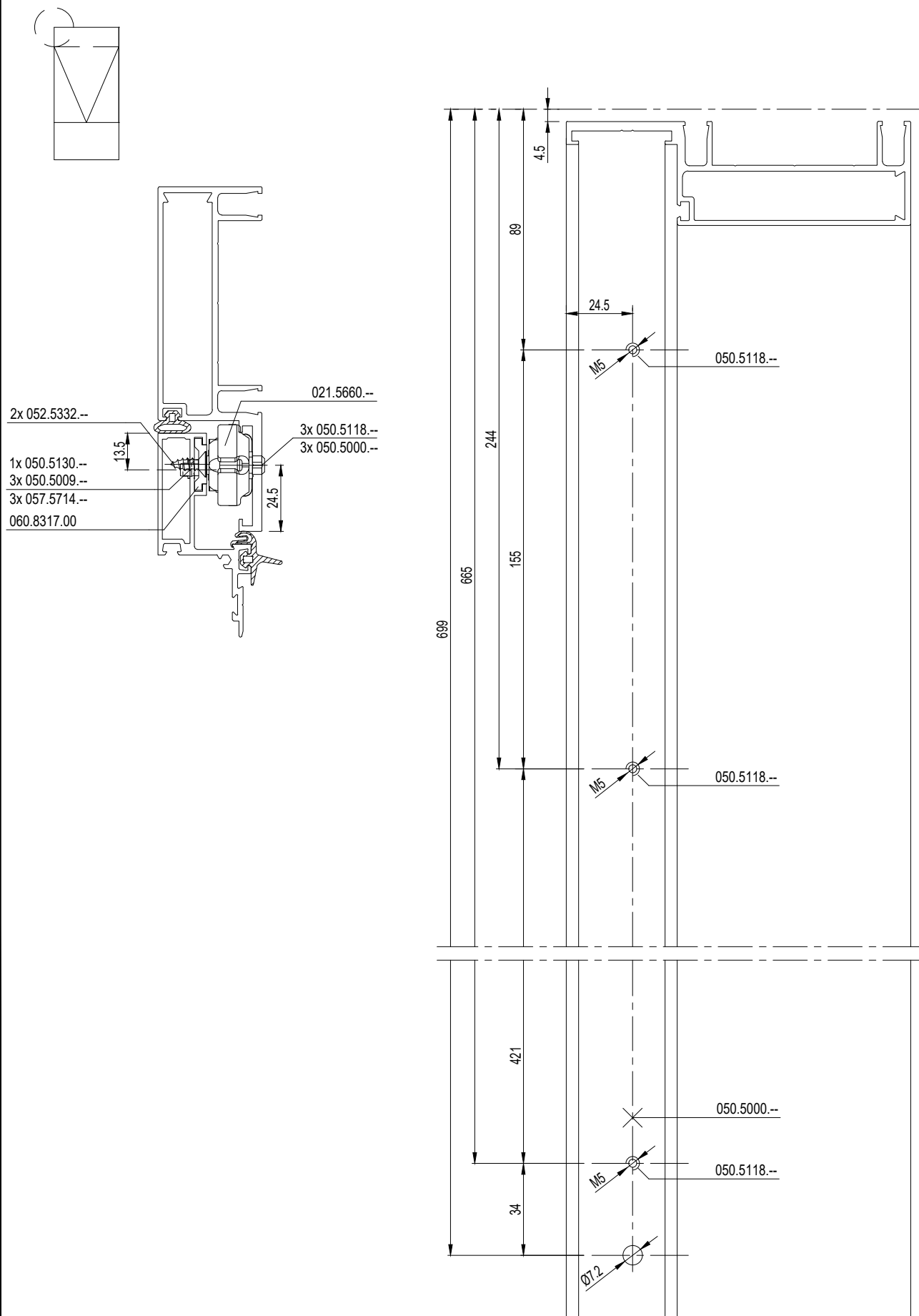


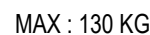


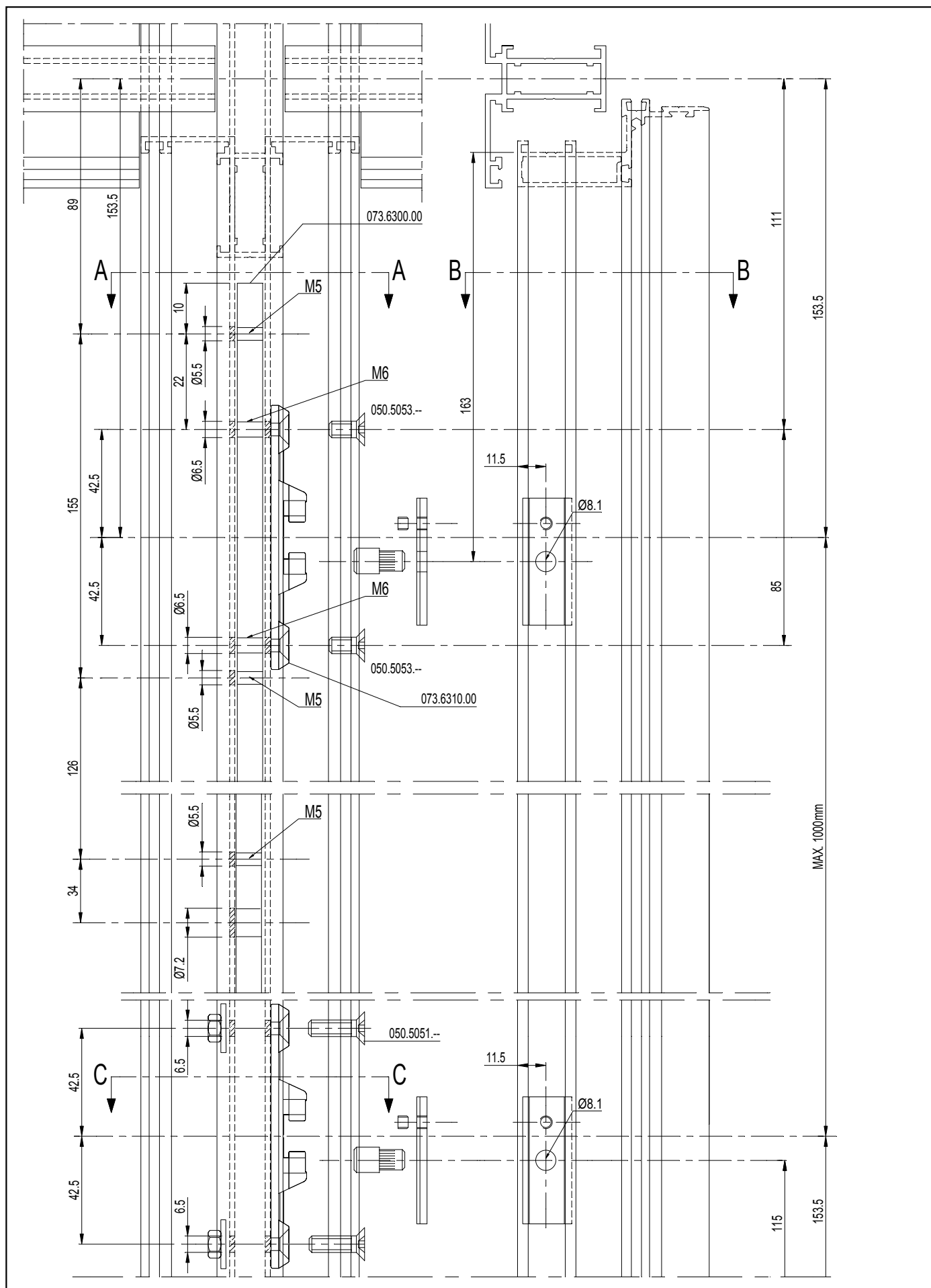


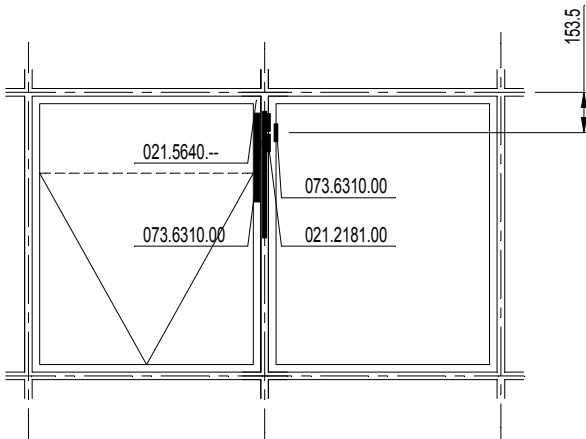




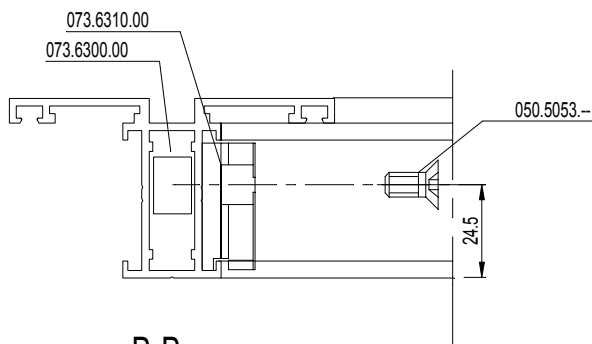




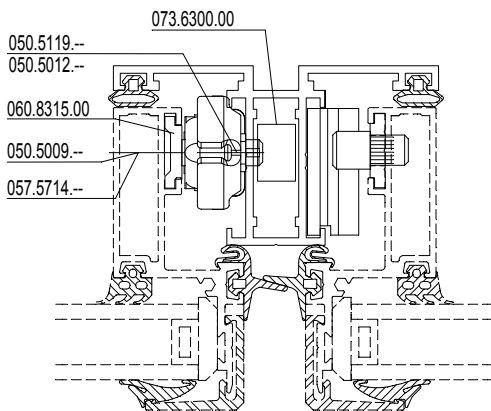




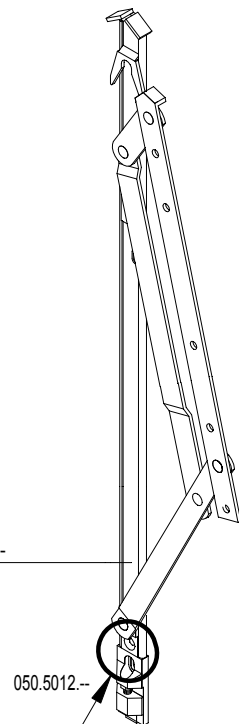
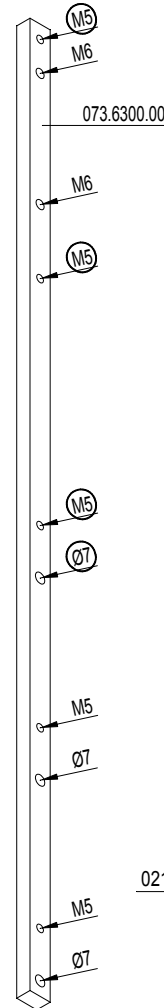
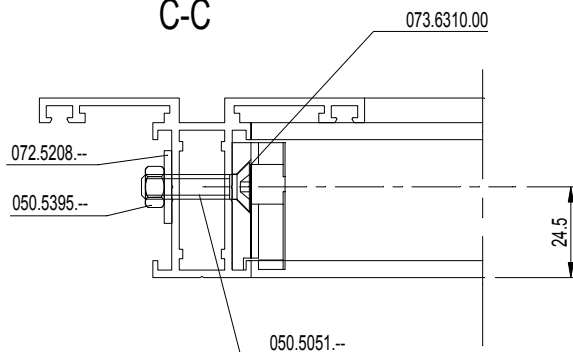
A-A



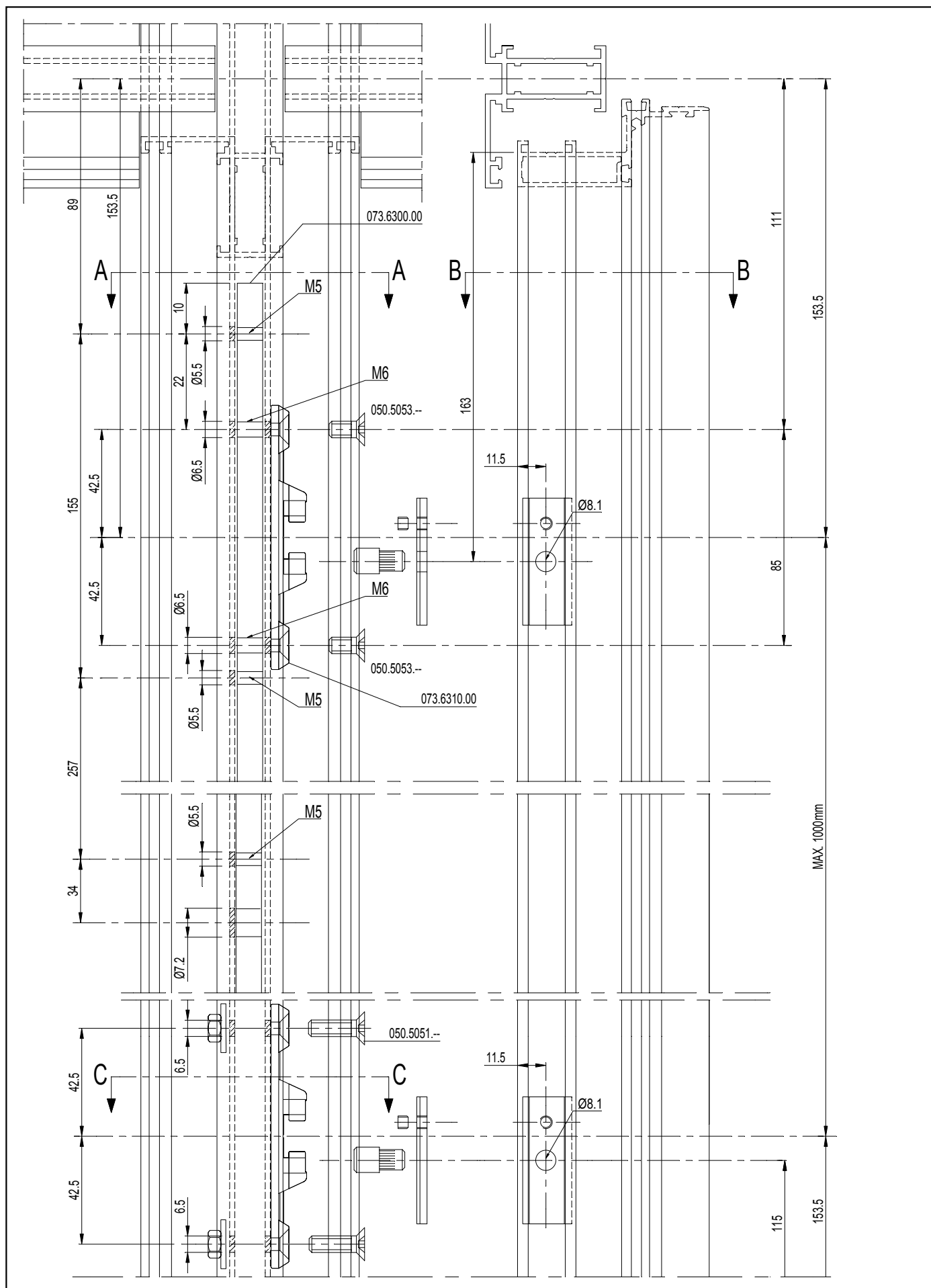
B-B

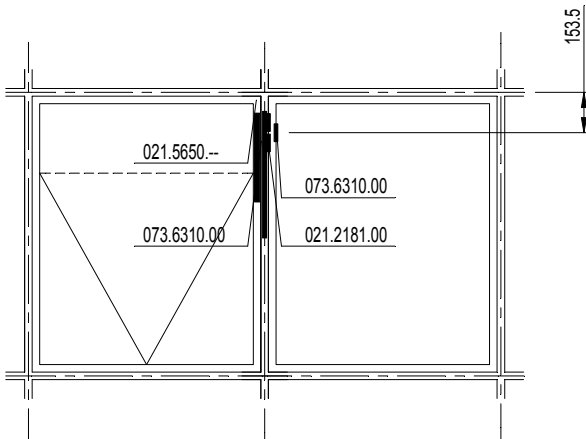


C-C

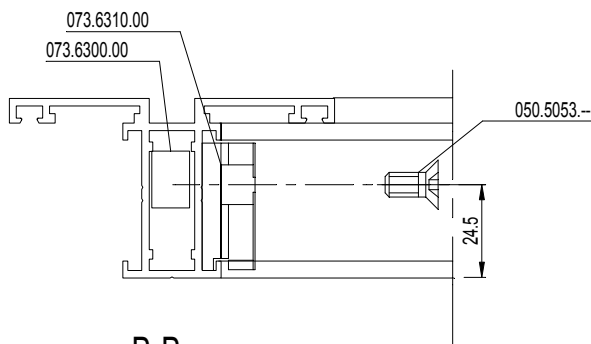


OPENING PAS BOREN EN SCHROEVEN NA AFSTELLEN VAN DE SCHAAR
TROU A PERCER ET A VISSER APRES RÉGLAGE DU COMPAS
BORE AND SCREW THE OPENING ONLY AFTER ADJUSTMENT OF FRICTION STAYS
LOCH BOHREN UND SCHRAUBEN NUR NACH EINSTELLUNG DER AUSSTELLSCHERE

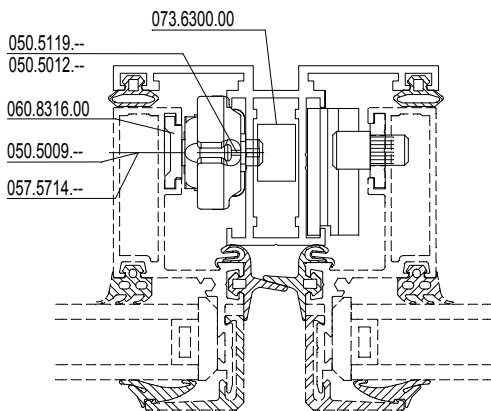




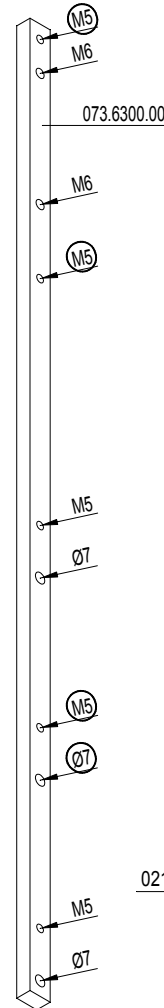
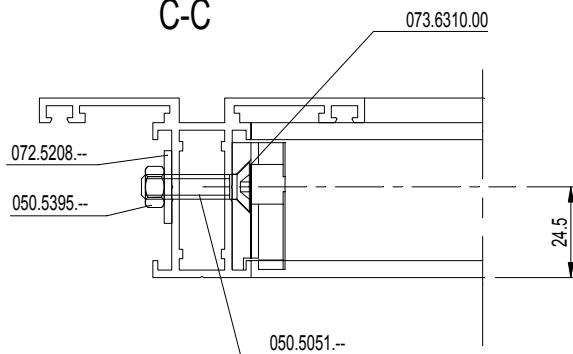
A-A



B-B



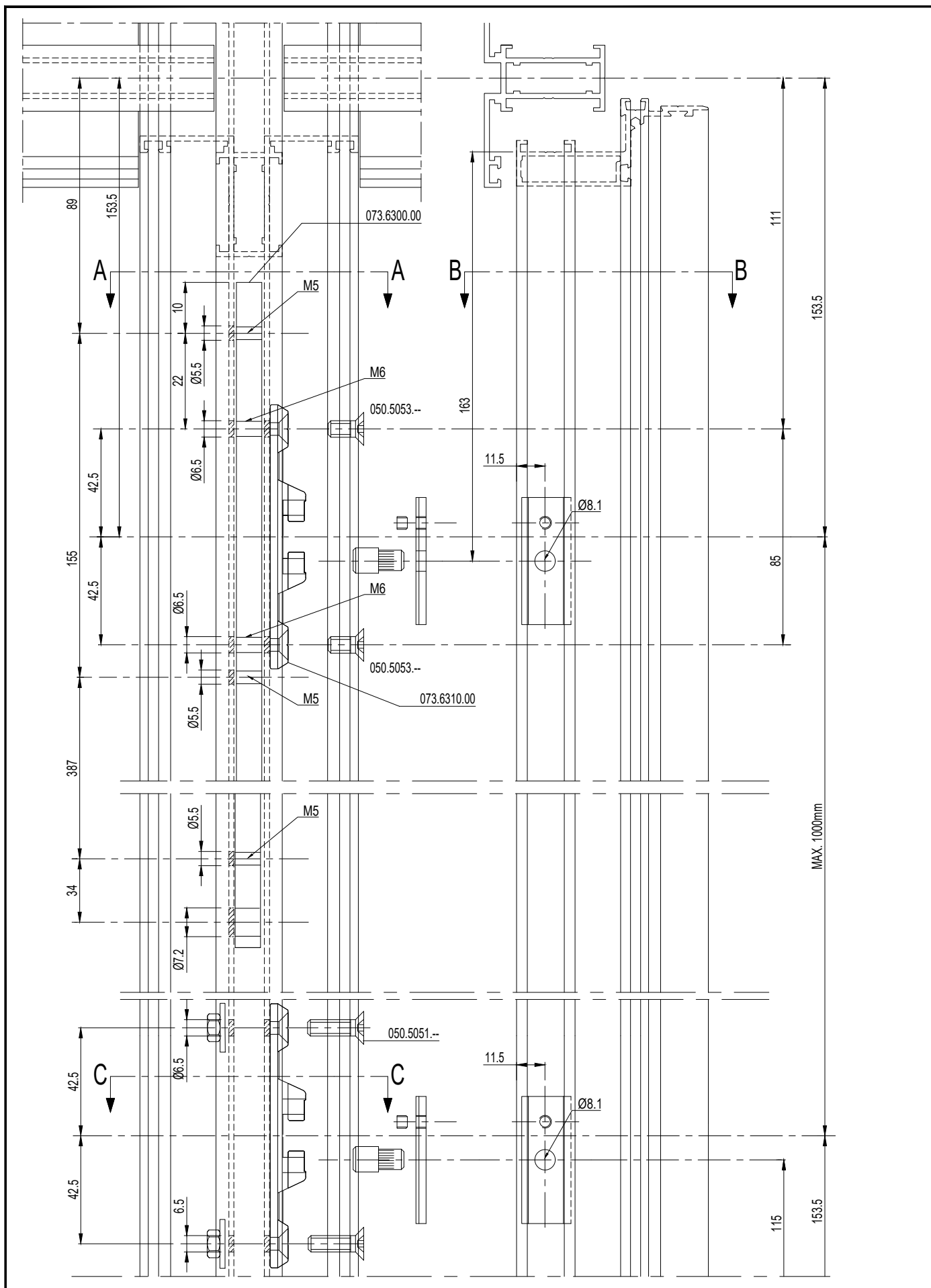
C-C

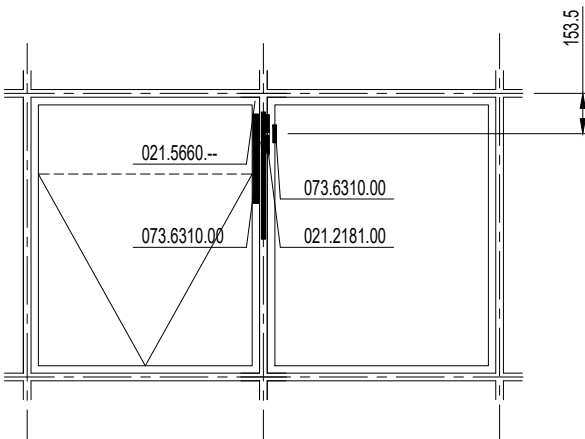


021.5650.--

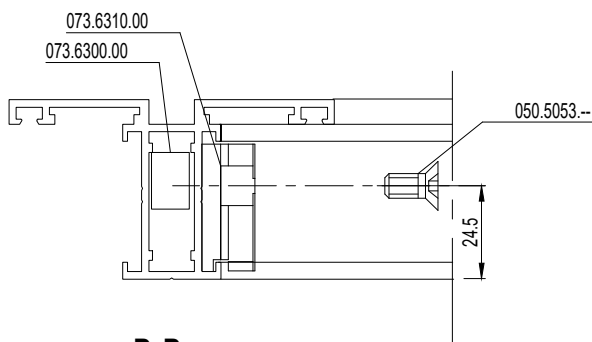
050.5012.--

OPENING PAS BOREN EN SCHROEVEN NA AFSTELLEN VAN DE SCHAAR
TROU A PERCER ET A VISSER APRES RÉGLAGE DU COMPAS
BORE AND SCREW THE OPENING ONLY AFTER ADJUSTMENT OF FRICTION STAYS
LOCH BOHREN UND SCHRAUBEN NUR NACH EINSTELLUNG DER AUSSTELLSCHERE

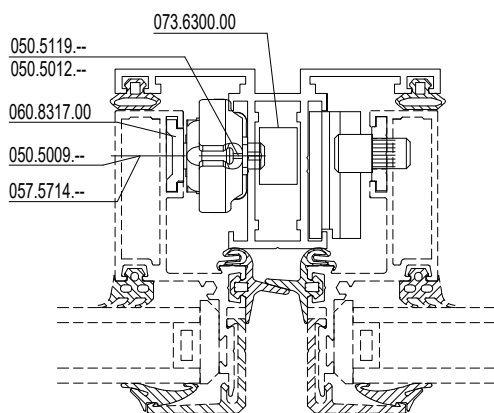




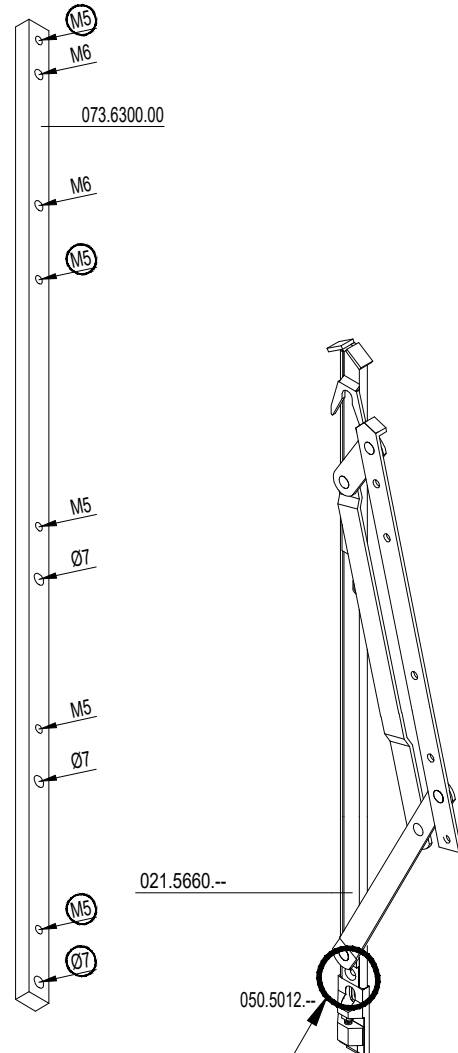
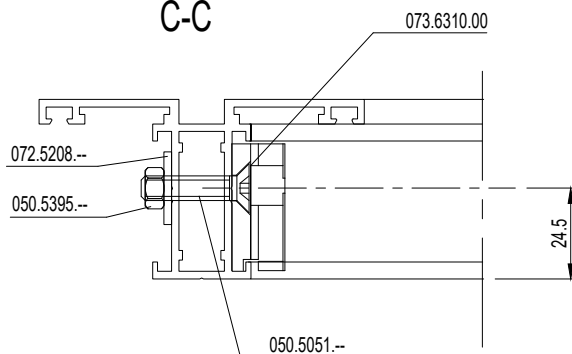
A-A



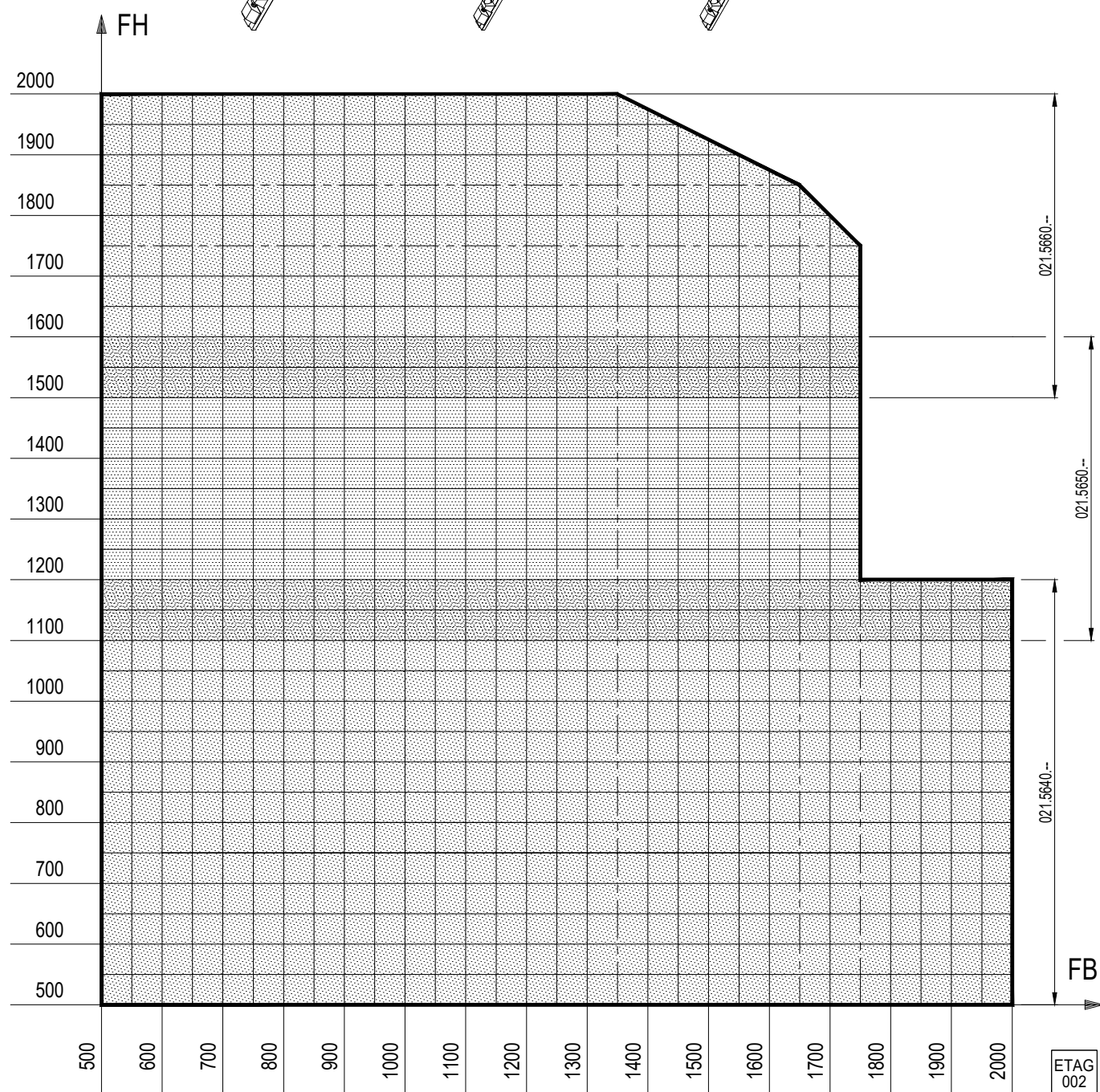
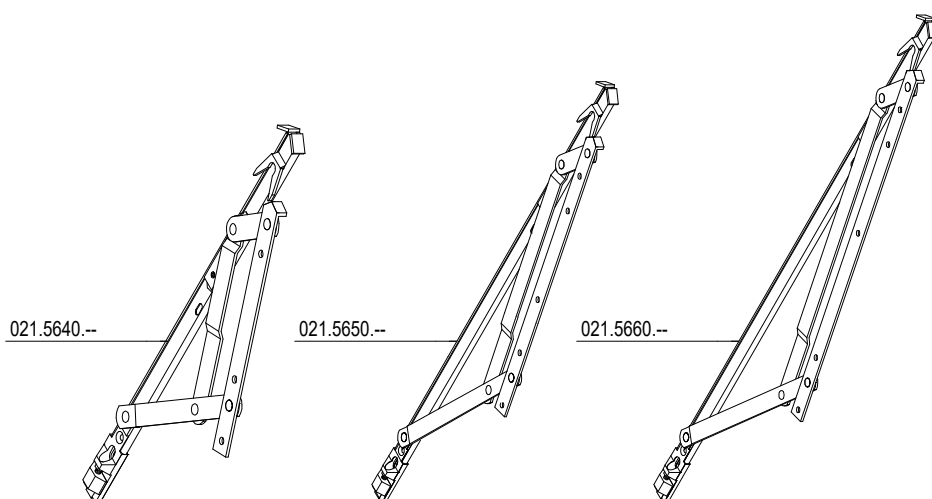
B-B

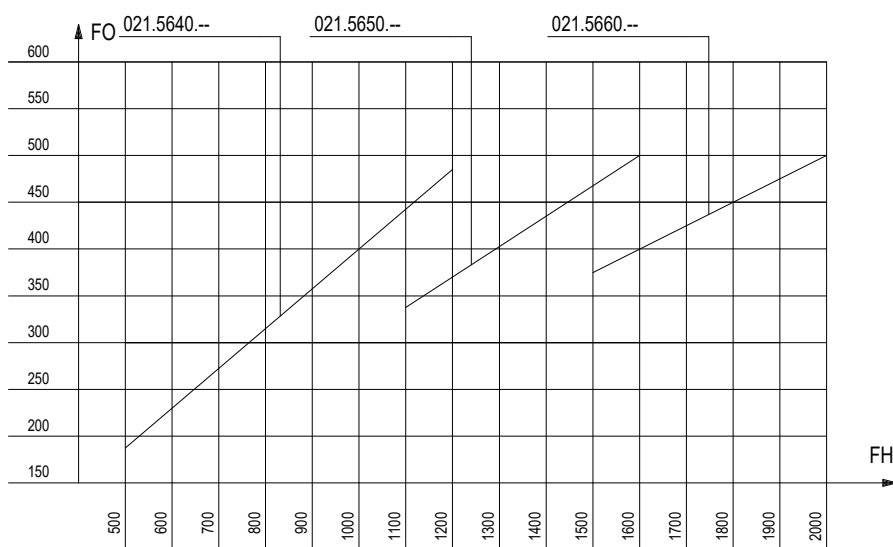


C-C

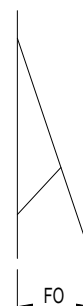


OPENING PAS BOREN EN SCHROEVEN NA AFSTELLEN VAN DE SCHAAR
TROU A PERCER ET A VISSER APRES RÉGLAGE DU COMPAS
BORE AND SCREW THE OPENING ONLY AFTER ADJUSTMENT OF FRICTION STAYS
LOCH BOHREN UND SCHRAUBEN NUR NACH EINSTELLUNG DER AUSSTELLSCHERE

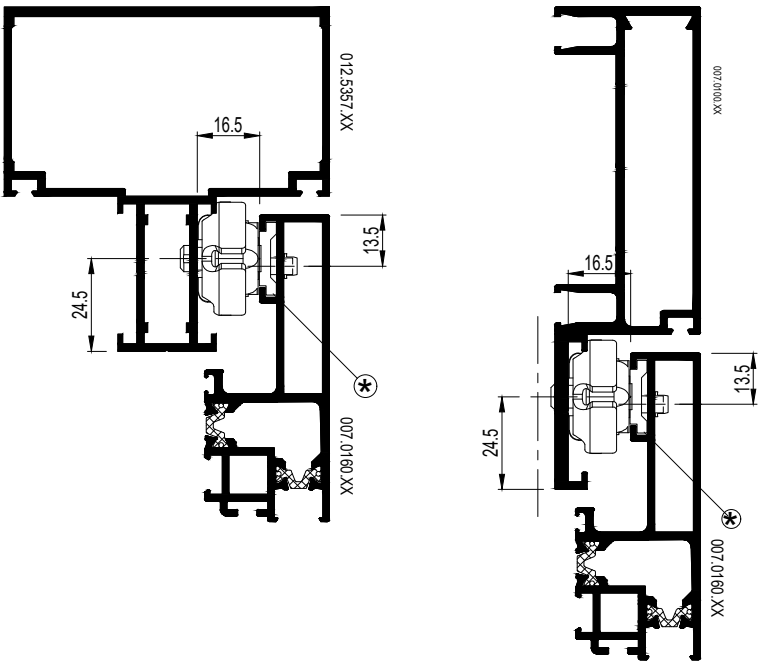




FO=Raamopening onderaan
FO=Ouverture pour fenêtre en bas
FO=Window opening below
FO=Fensteröffnung an der Unterseite

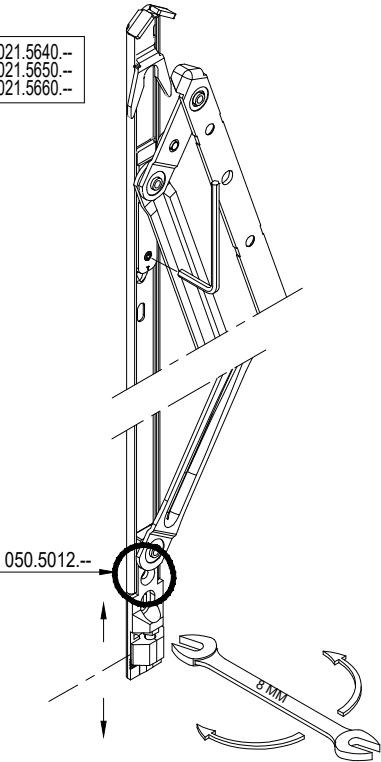


	A(MM) Ø7.2	B(MM)Ø7.2	C(MM)Ø7.2	D(MM)Ø7.2	F(MM)Ø5.5
021.5640.--	---	105(057.5714.--/050.5009.--)	50(057.5714.--/050.5009.--)	160(050.5714.--/050.5119.--)	63(050.5009.--)
021.5650.--	92.5(057.5714.--/050.5009.--)	185(057.5714.--/050.5009.--)	60(057.5714.--/050.5009.--)	291(050.5714.--/050.5119.--)	63(050.5009.--)
021.5660.--	142.5(057.5714.--/050.5009.--)	285(057.5714.--/050.5009.--)	60(057.5714.--/050.5009.--)	421(050.5714.--/050.5119.--)	63(050.5009.--)

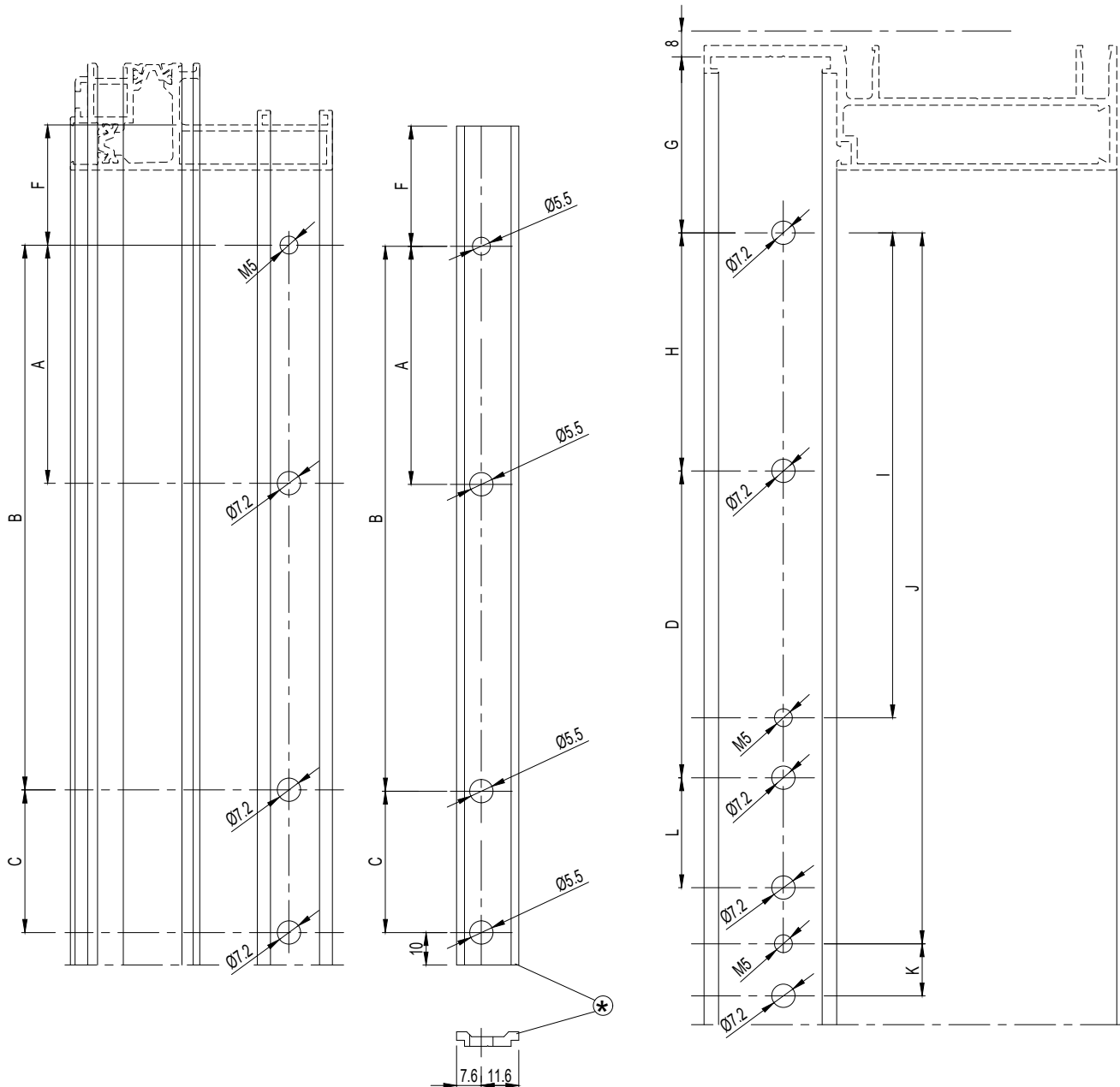


021.5640.--
021.5650.--
021.5660.--

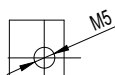
OPENING PAS BOREN EN SCHROEVEN NA AFSTELLEN VAN DE SCHAAAR
TROU A PERCER ET A VISSER APRES RÉGLAGE DU COMPAS
BORE AND SCREW THE OPENING ONLY AFTER ADJUSTMENT OF FRICTION STAYS
LOCH BOHREN UND SCHRAUBEN NUR NACH EINSTELLUNG DER AUSSTELLSCHERE



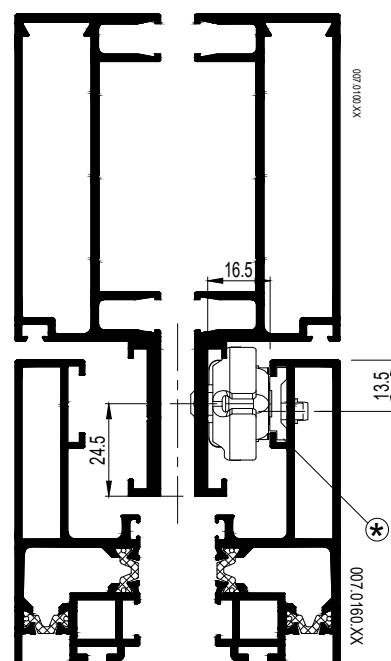
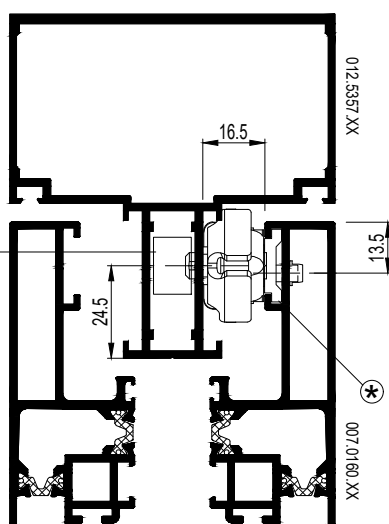
G(MM)Ø7.2	H(MM)Ø7.2	I(MM)Ø7.2	J(MM)Ø7.2	K(MM)Ø7.2	L(MM)Ø7.2	FG MAX	⊛
81(050.5714.--/050.5119.--)	155(050.5714.--/050.5119.--)	---	---	---	34	80 KG	060.8315.00
81(050.5714.--/050.5119.--)	155(050.5714.--/050.5119.--)	---	---	---	34	105 KG	060.8316.00
81(050.5714.--/050.5119.--)	155(050.5714.--/050.5119.--)	---	---	---	34	130 KG	060.8317.00



	A(MM)	B(MM)	C(MM)	D(MM)
007.0100.XX	Ø7.2	Ø7.2	Ø7.2	M5
012.5357.XX	Ø7.2	Ø7.2	Ø7.2	Ø5.5
021.5640.--	---	105(057.5714.--/050.5009.--)	50(057.5714.--/050.5009.--)	160(050.5117.--)
021.5650.--	92.5(057.5714.--/050.5009.--)	185(057.5714.--/050.5009.--)	60(057.5714.--/050.5009.--)	291(050.5117.--)
021.5660.--	142.5(057.5714.--/050.5009.--)	285(057.5714.--/050.5009.--)	60(057.5714.--/050.5009.--)	421(050.5117.--)



073.6300.00 FIXED WITH 050.5012.--
OR ALU PLATE FOR 060.8370.--



} for 021.5640.--

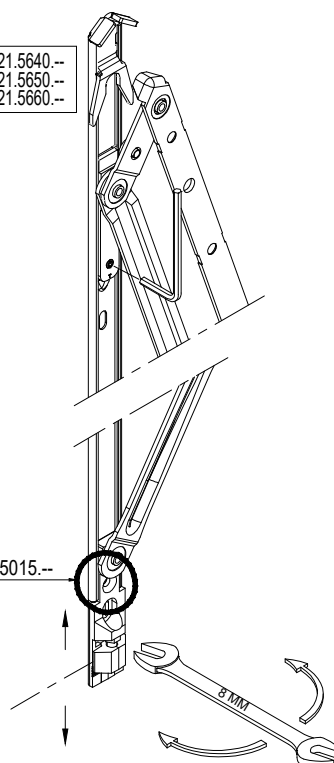
} for 021.5650.--

} for 021.5660.--

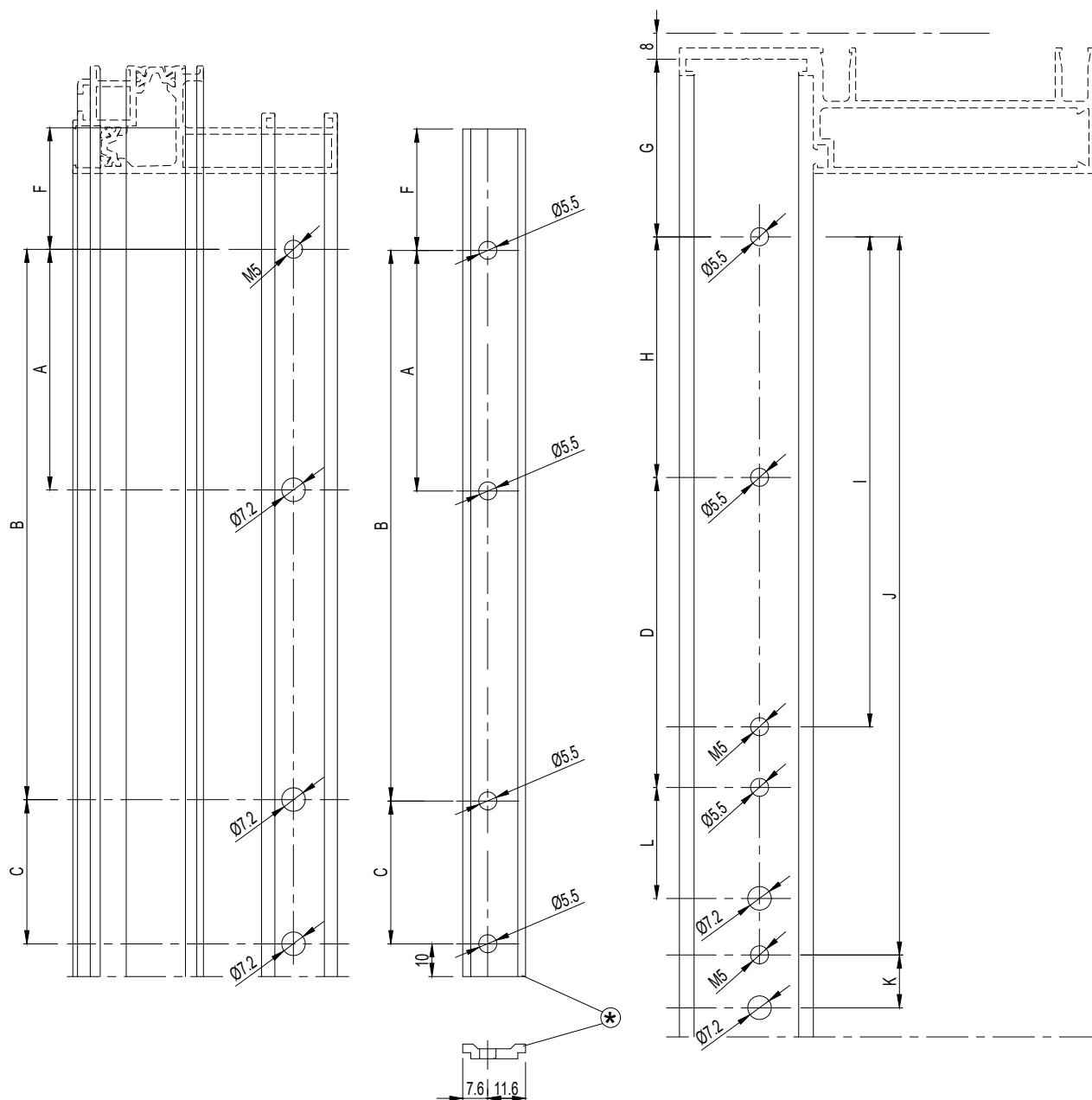
021.5640.--
021.5650.--
021.5660.--

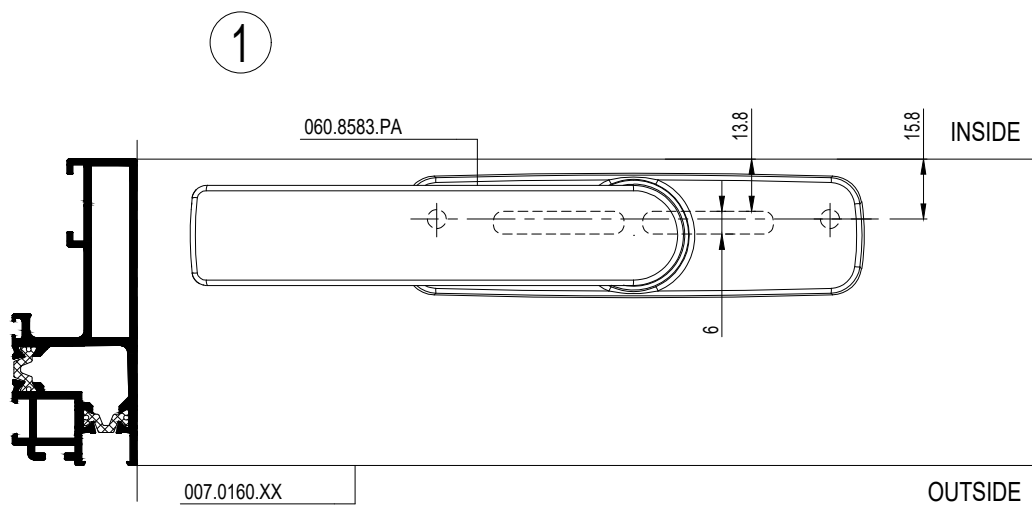
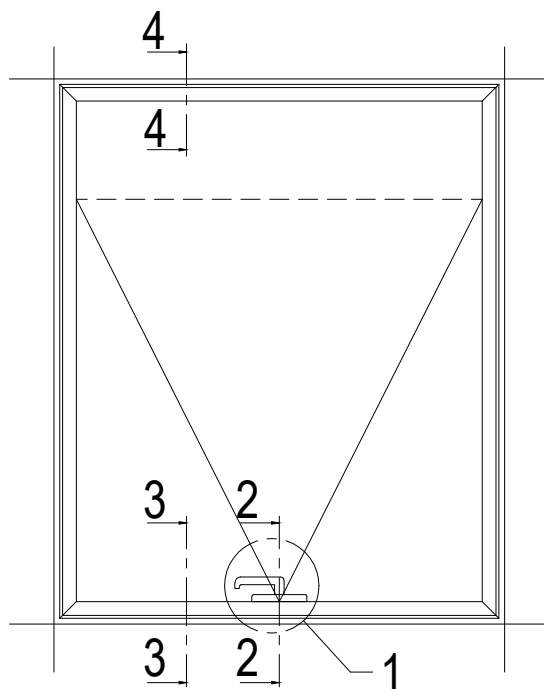
050.5015.--

OPENING PAS BOREN EN SCHROEVEN NA AFSTELLEN VAN DE SCHAAR
TROU A PERCER ET A VISSER APRES RÉGLAGE DU COMPAS
BORE AND SCREW THE OPENING ONLY AFTER ADJUSTMENT OF FRICTION STAYS
LOCH BOHREN UND SCHRAUBEN NUR NACH EINSTELLUNG DER AUSSTELLSCHERE

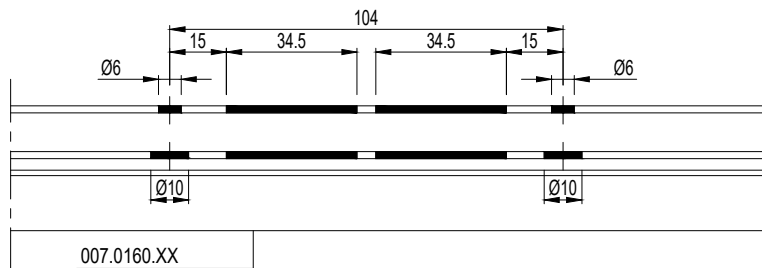
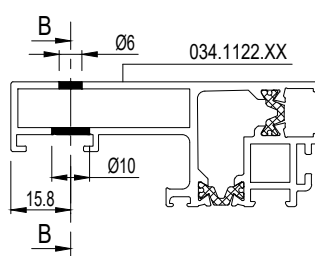


F(MM)	G(MM)	H(MM)	I(MM)	J(MM)	K(MM)	L(MM)	FG MAX	⊛
Ø5.5	M5	M5	---	---	---	---	---	
Ø5.5	Ø5.5	Ø5.5	Ø5.5	Ø5.5	Ø7.2	Ø7.2	---	
63(050.5009.--)	81(050.5117.--)	155(050.5117.--)	---	---	---	34	80 KG	060.8315.00
63(050.5009.--)	81(050.5117.--)	155(050.5117.--)	---	---	---	34	105 KG	060.8316.00
63(050.5009.--)	81(050.5117.--)	155(050.5117.--)	---	---	---	34	130 KG	060.8317.00

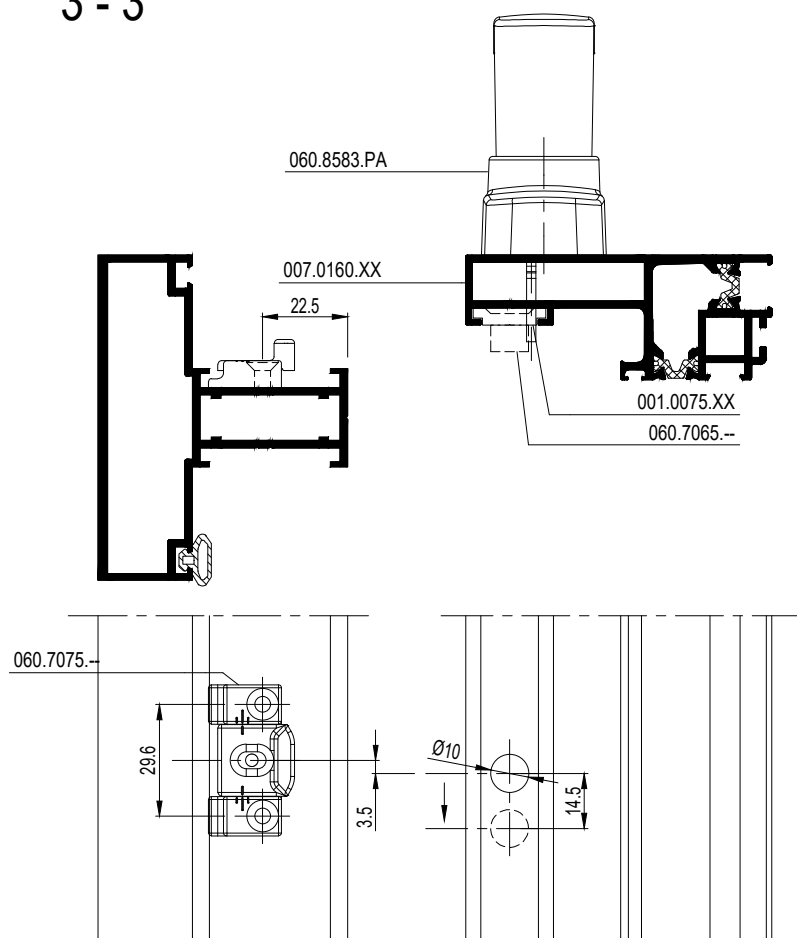




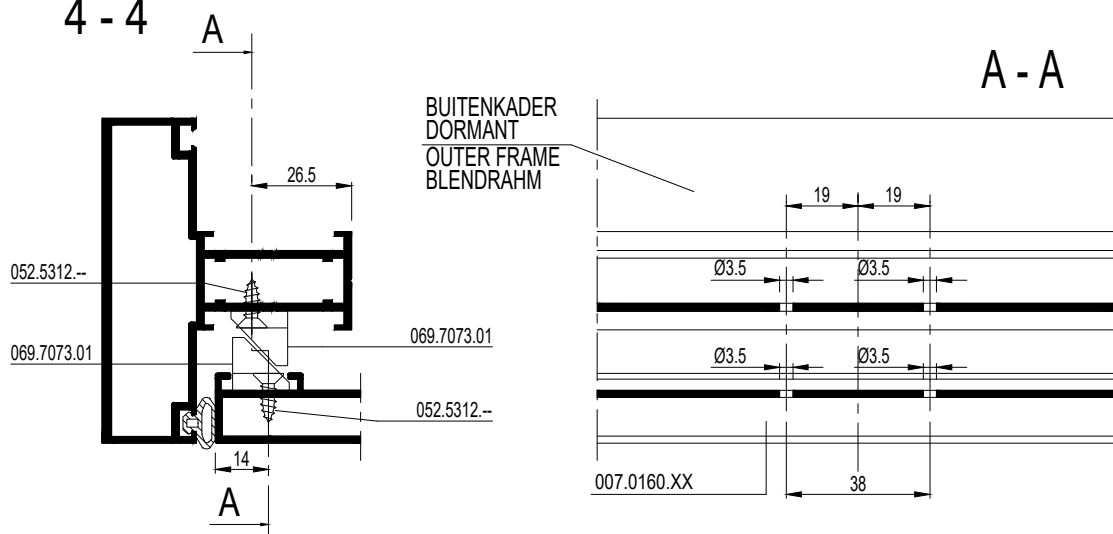
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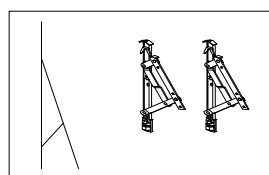
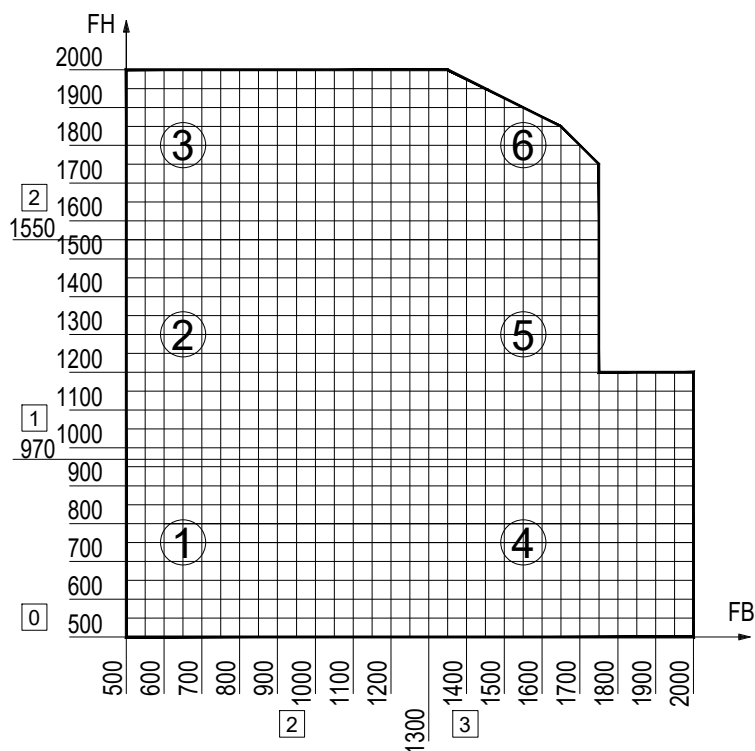


3 - 3



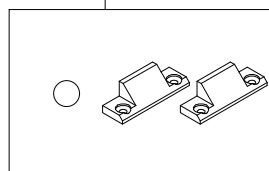
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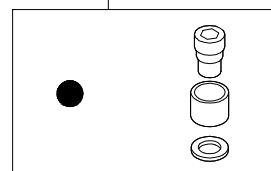


021.5640.--
021.5650.--
021.5660.--

2x069.7073.01

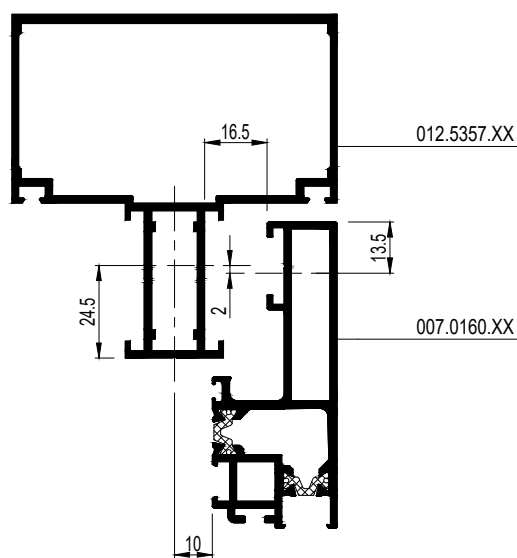
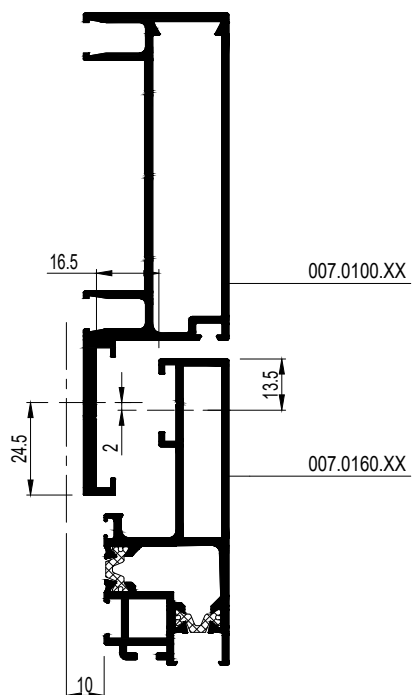


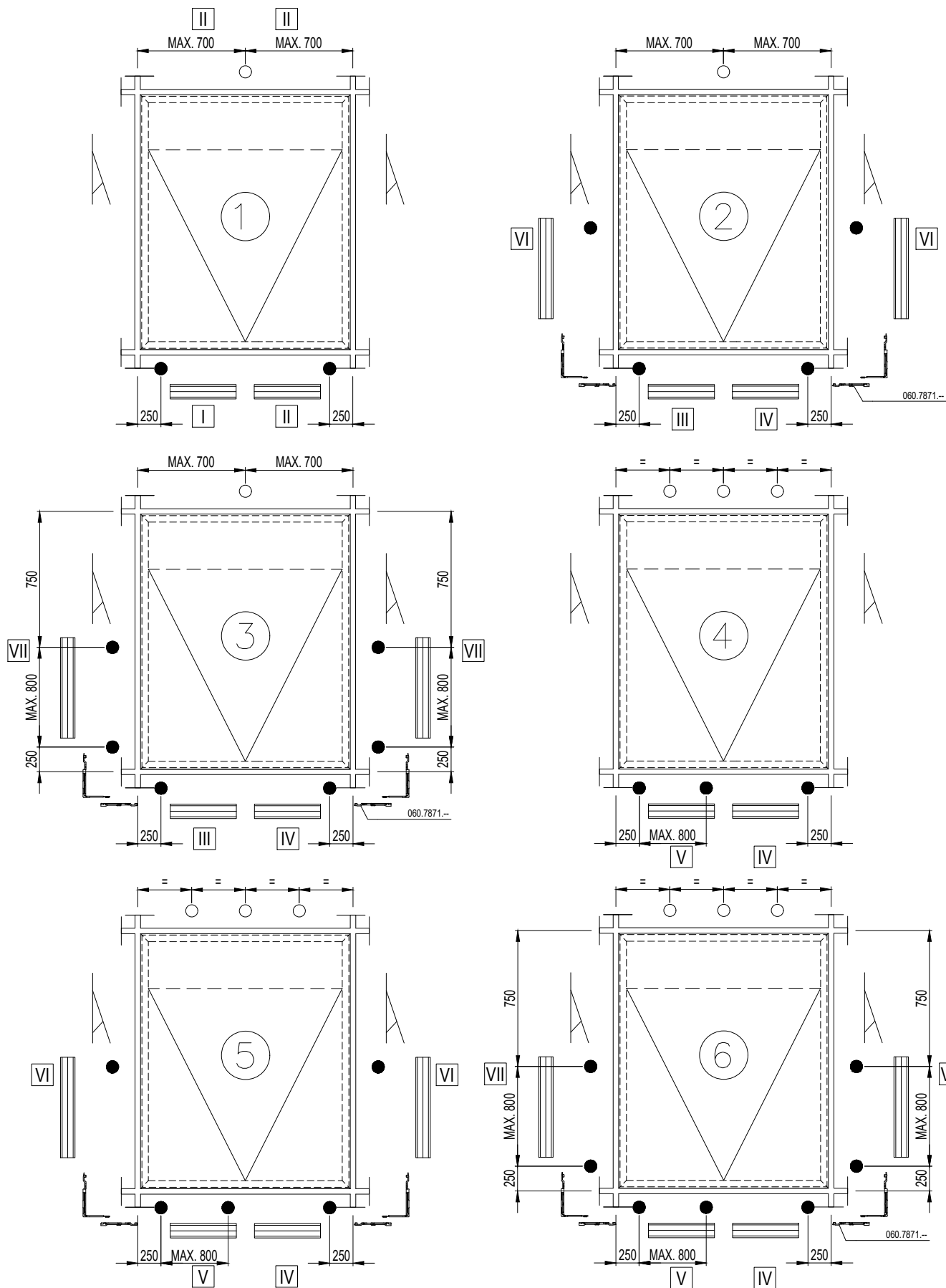
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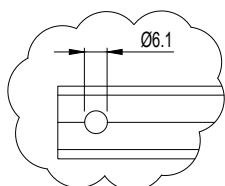
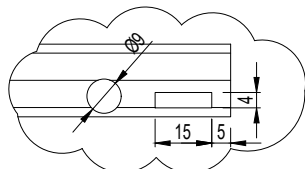
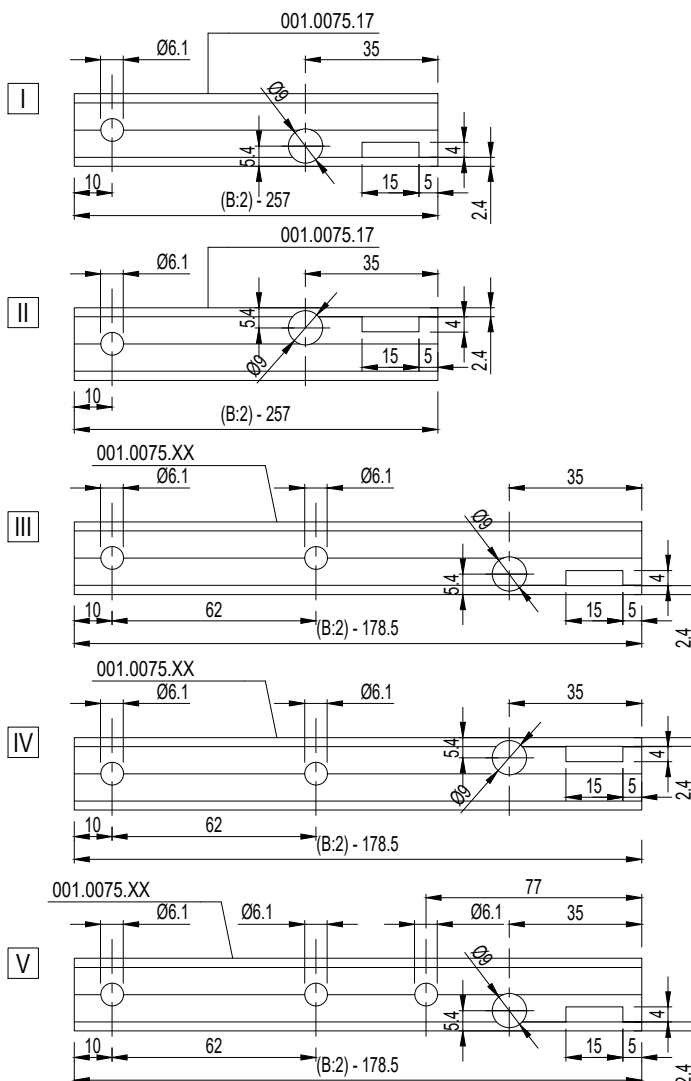
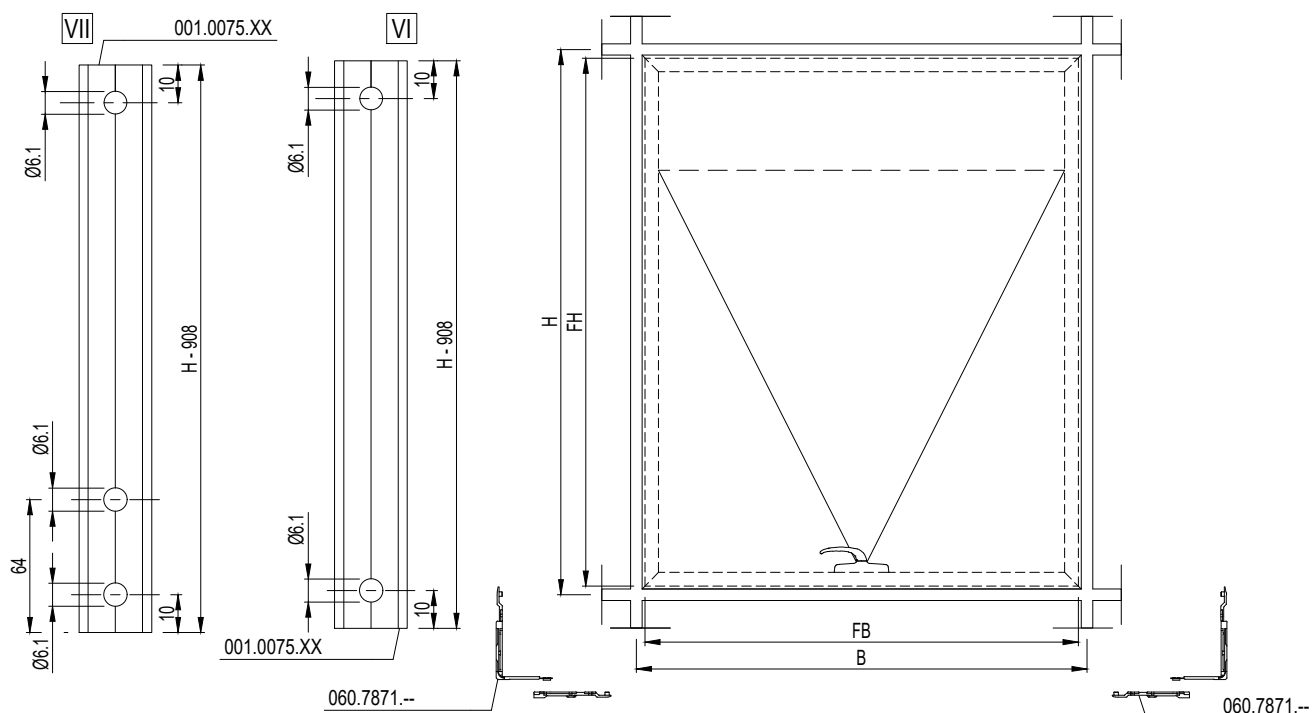


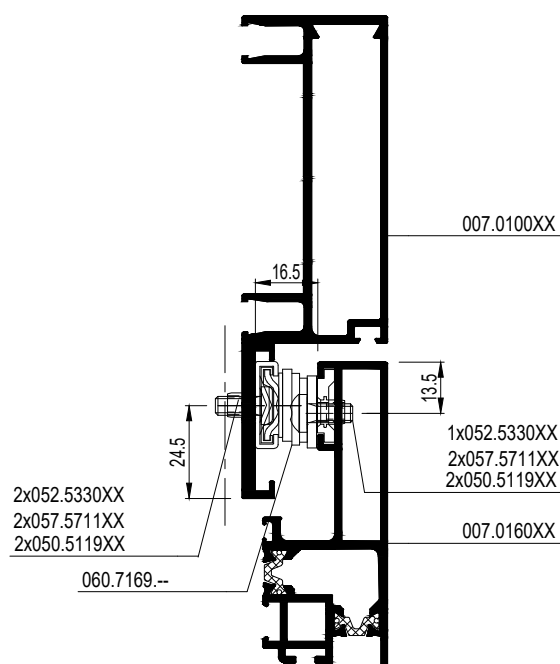
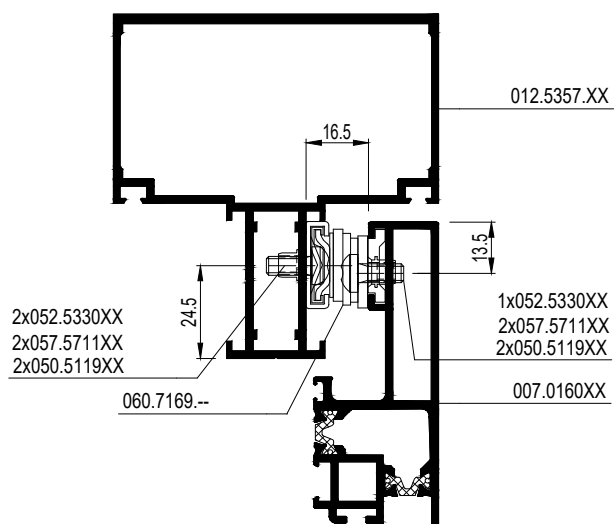
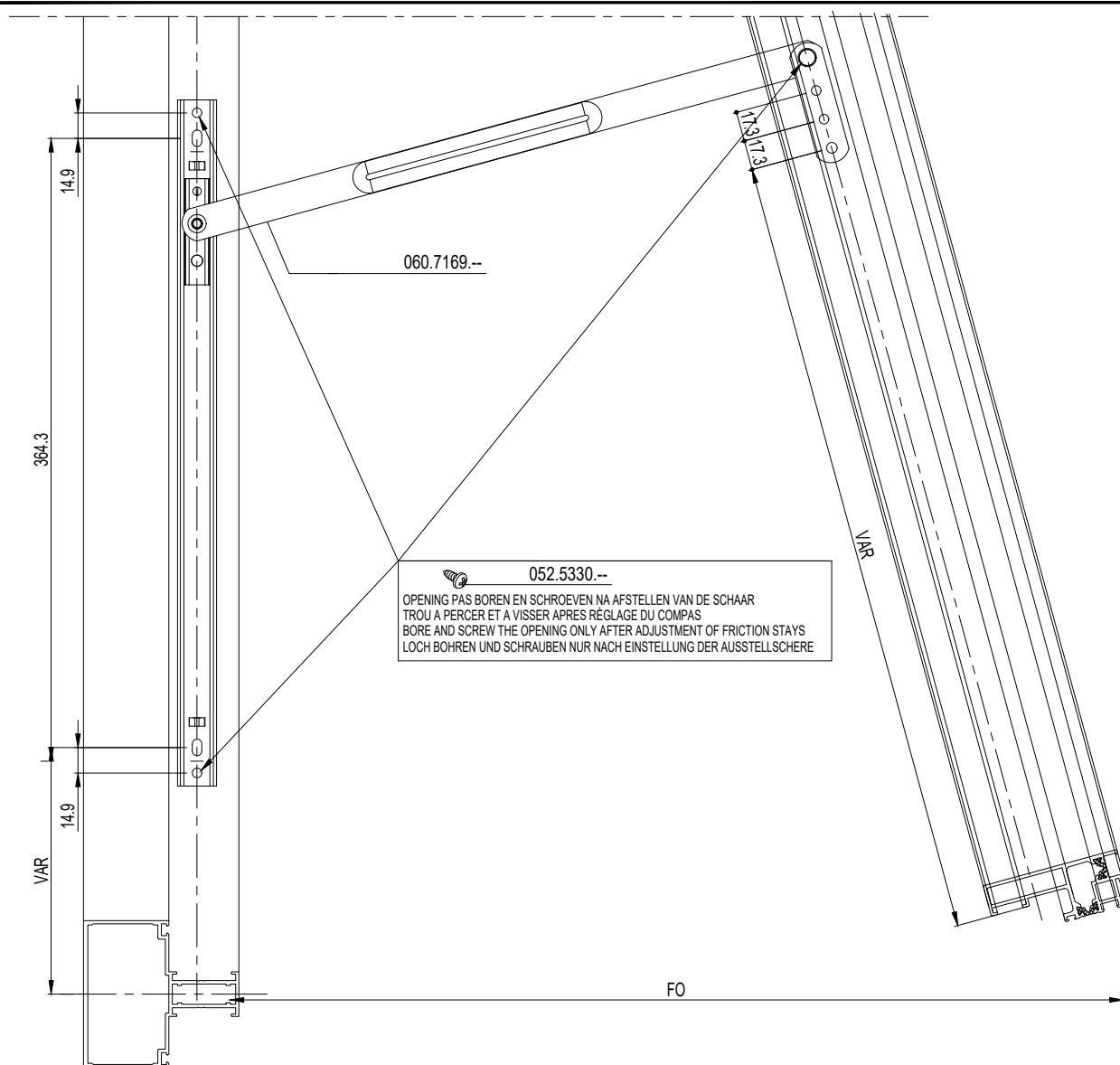
AANTAL SLUITPUNTEN
NOMBRE DE POINTS DE VERROUILLAGE
NUMBER OF LOCKING POINTS
ANZAHL DER SCHLIESSPUNKTE

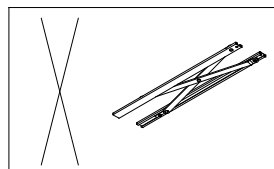
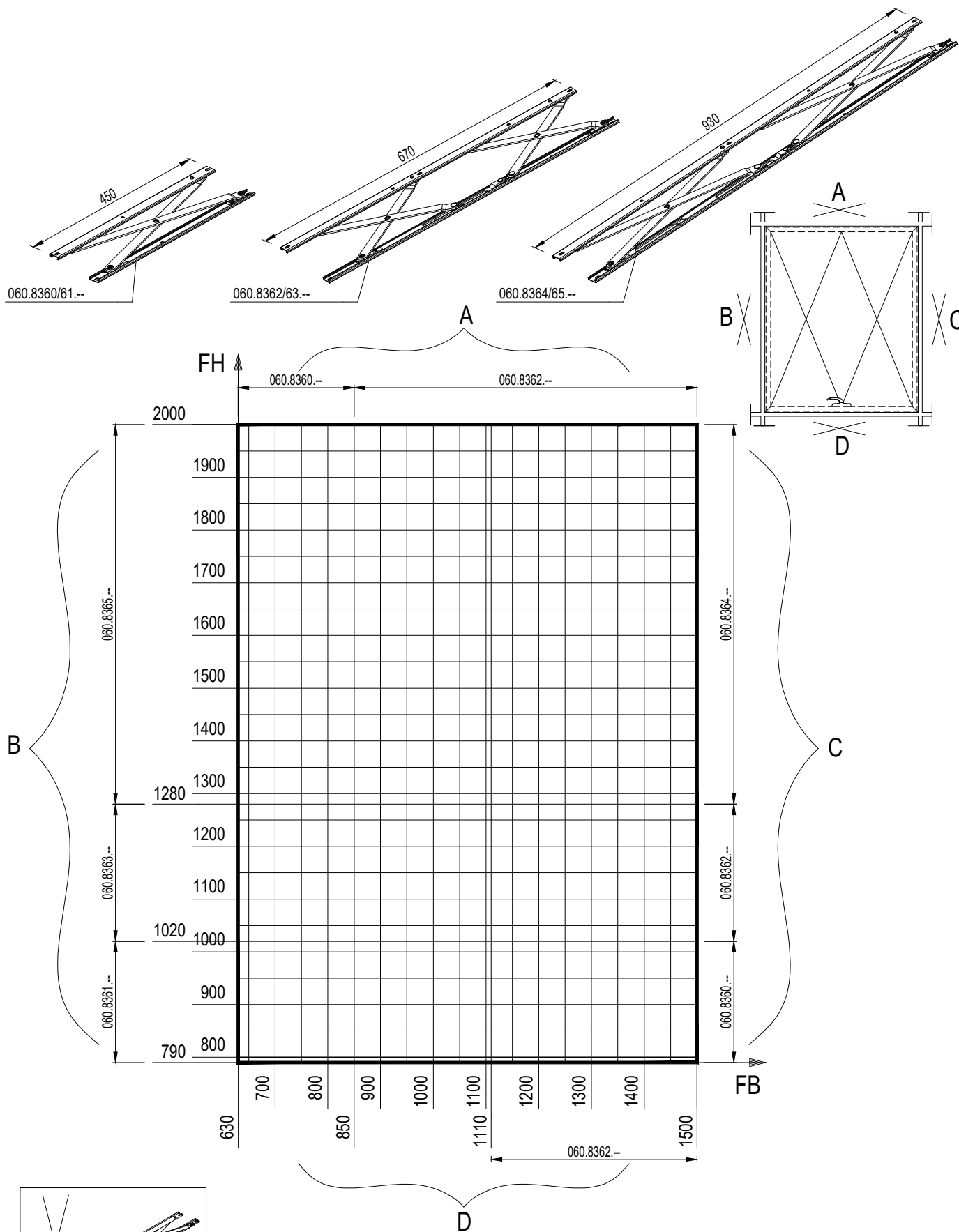
0 1 2 3

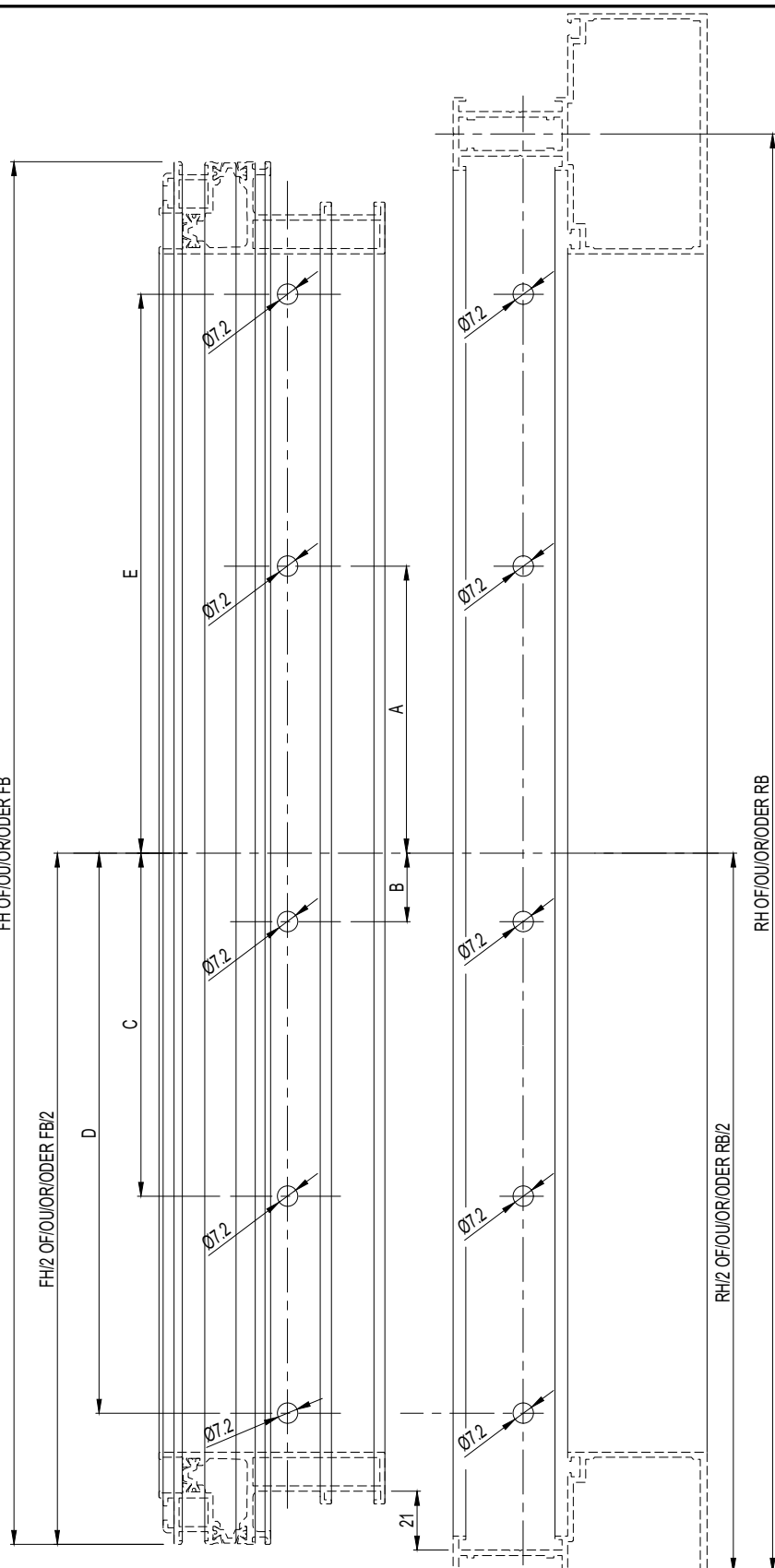
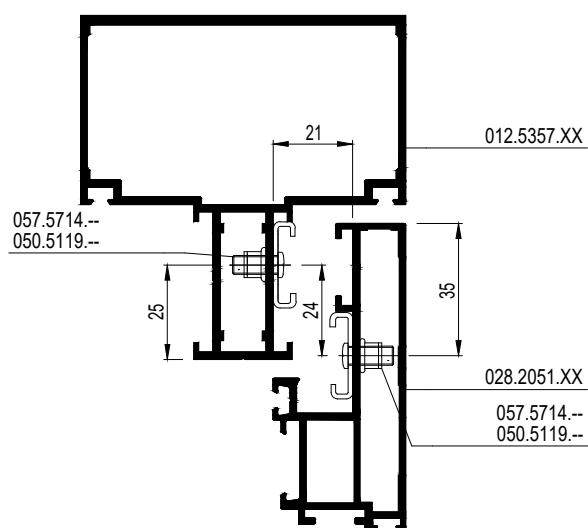
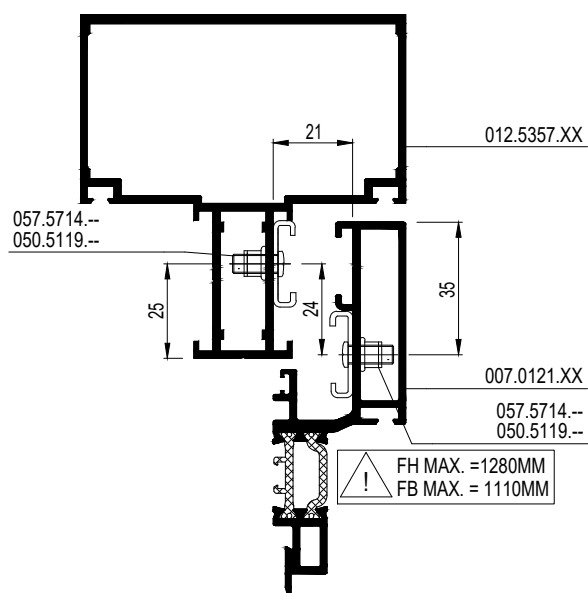
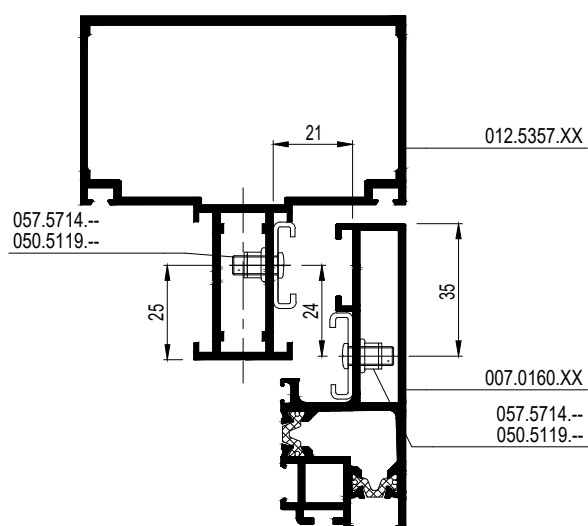




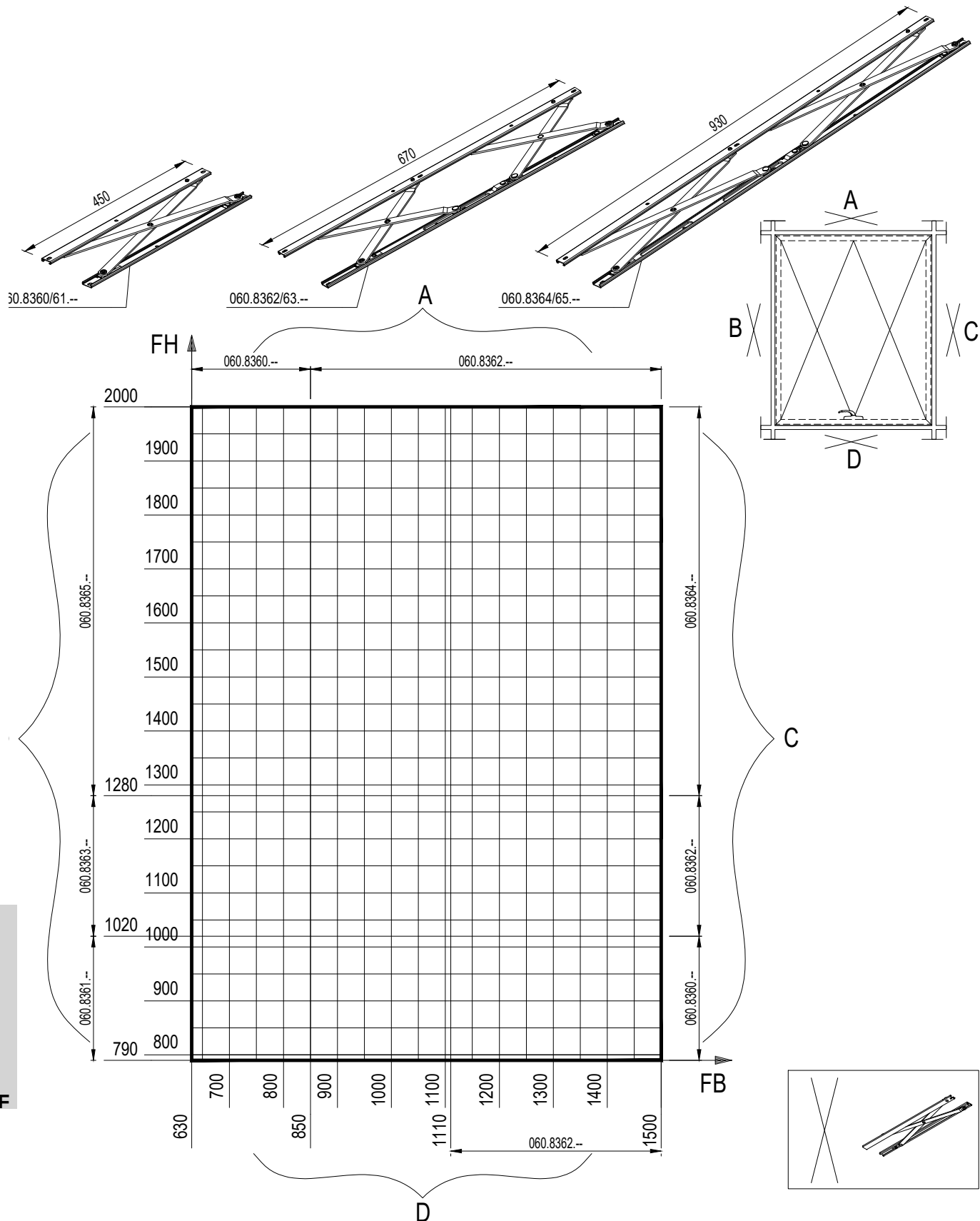


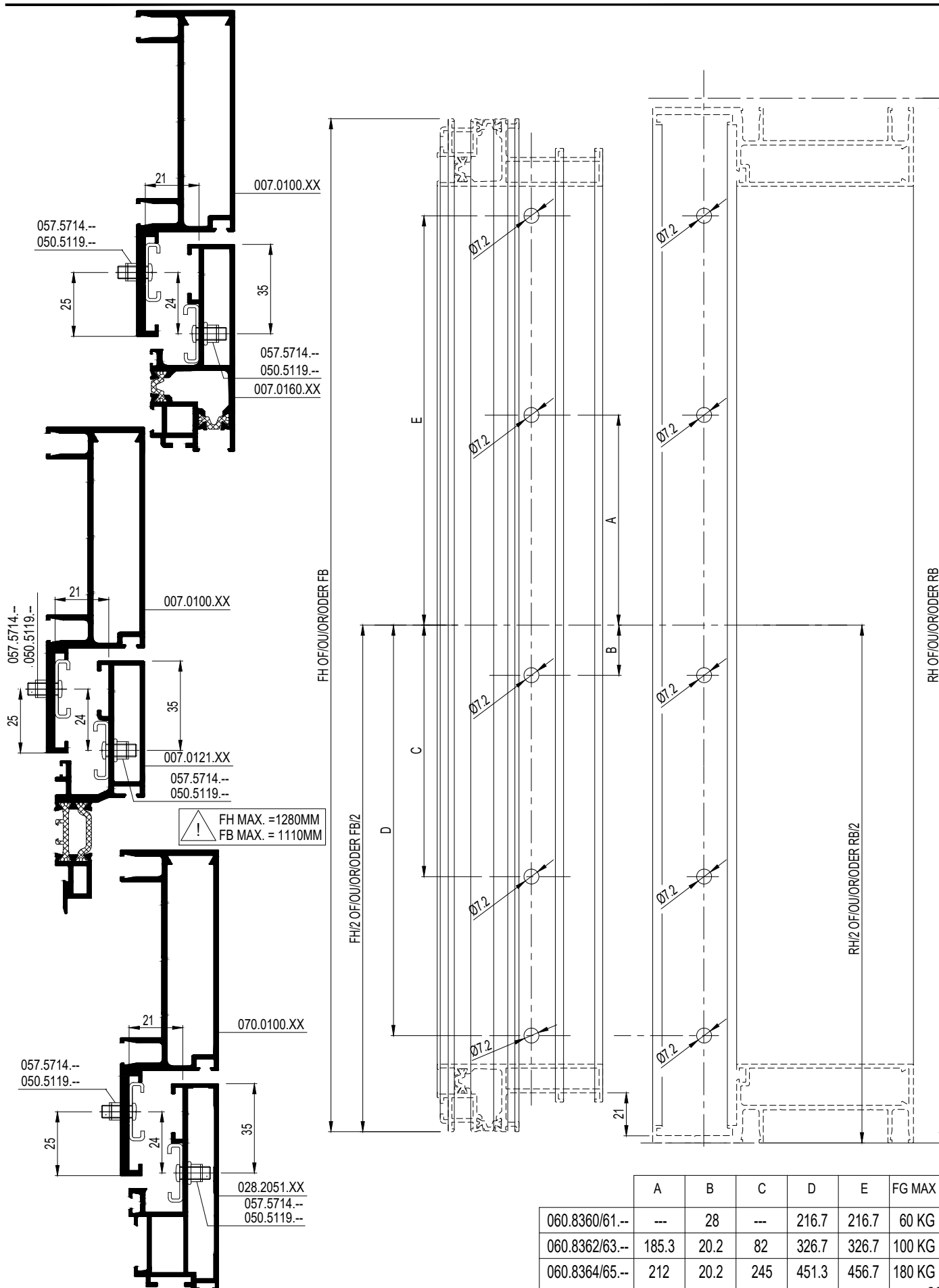


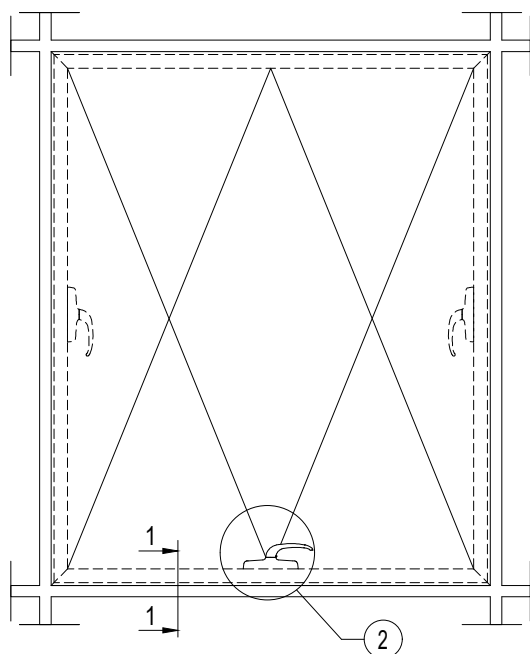




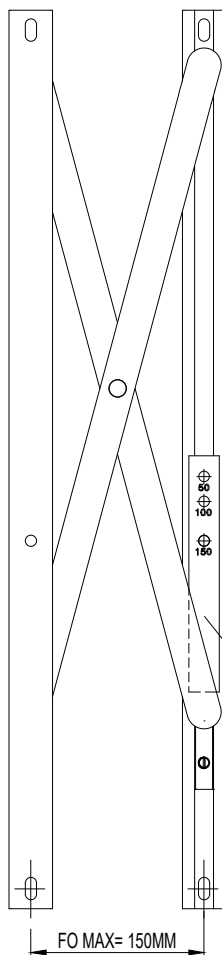
	A	B	C	D	E	FG MAX
060.8360/61.--	---	28	---	216.7	216.7	60 KG
060.8362/63.--	185.3	20.2	82	326.7	326.7	100 KG
060.8364/65.--	212	20.2	245	451.3	456.7	180 KG





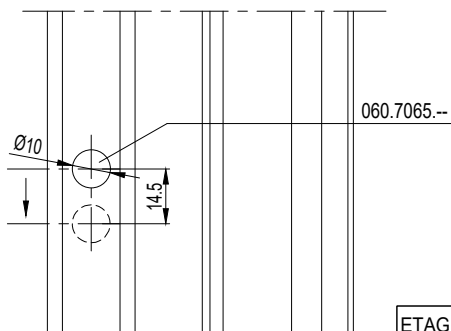
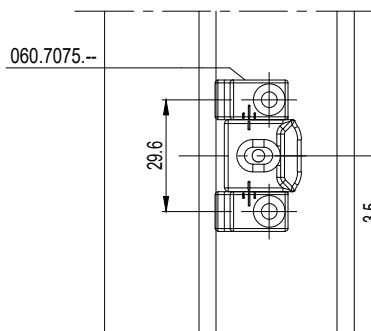
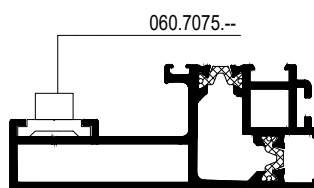
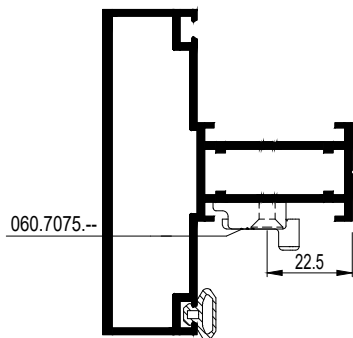
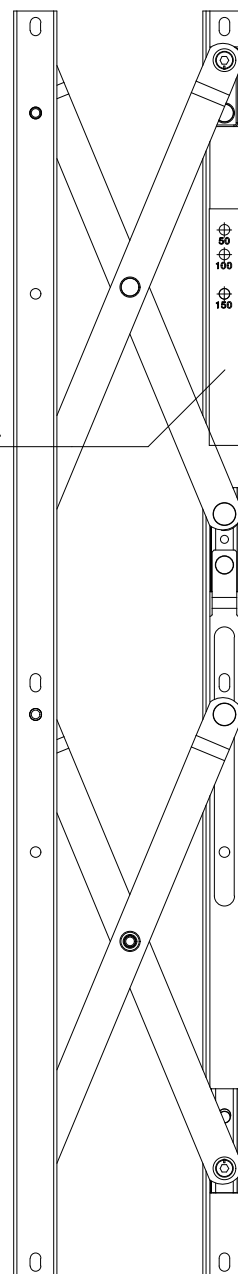


FO=Raamopening onderaan
FO=Ouverture pour fenêtre en bas
FO=Window opening below
FO=Fensteröffnung an der Unterseite



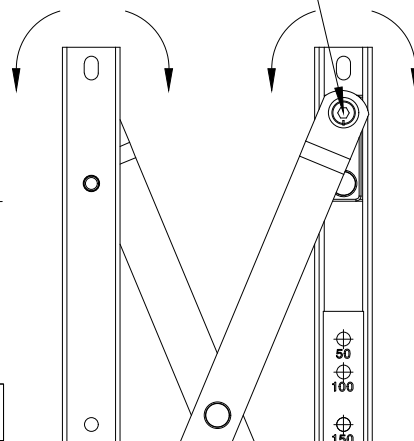
060.8366.--

060.8366.--



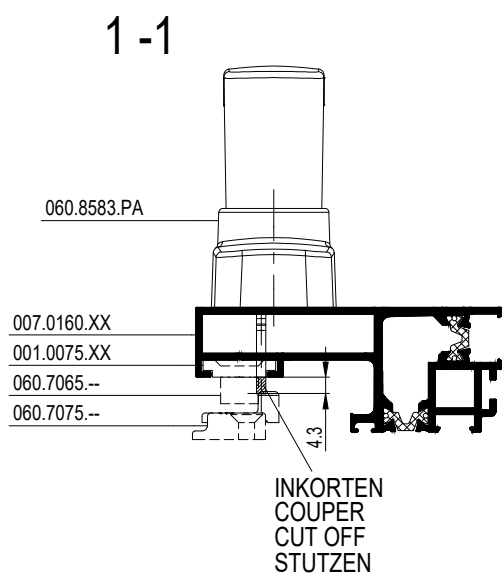
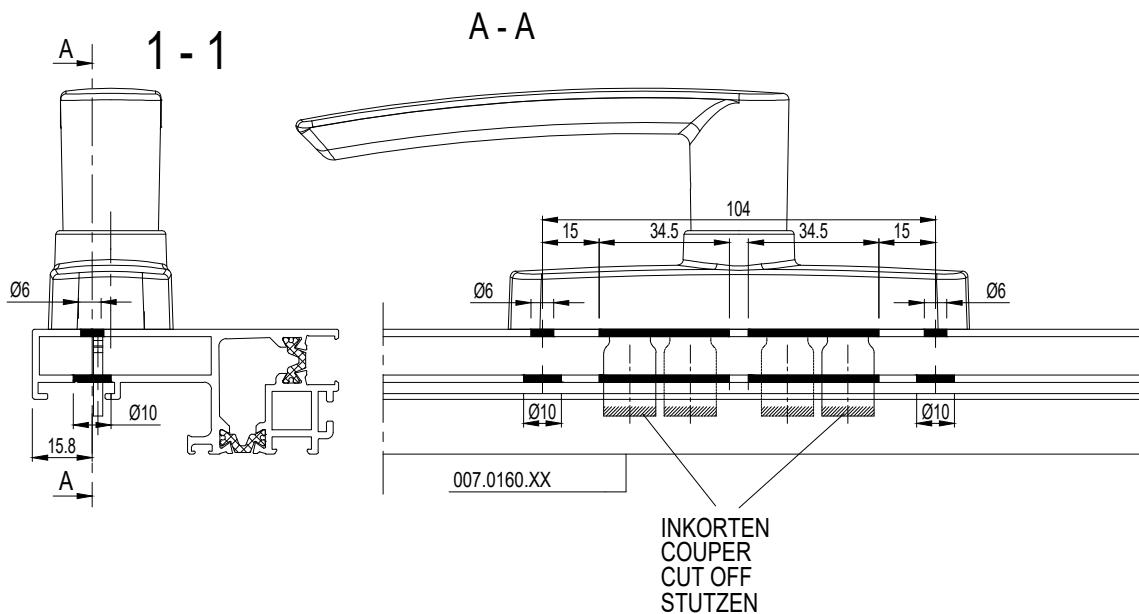
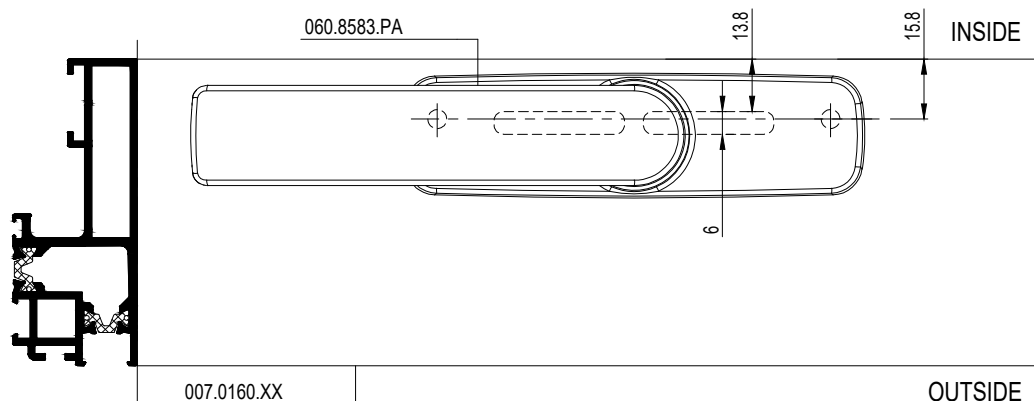
ETAG
002

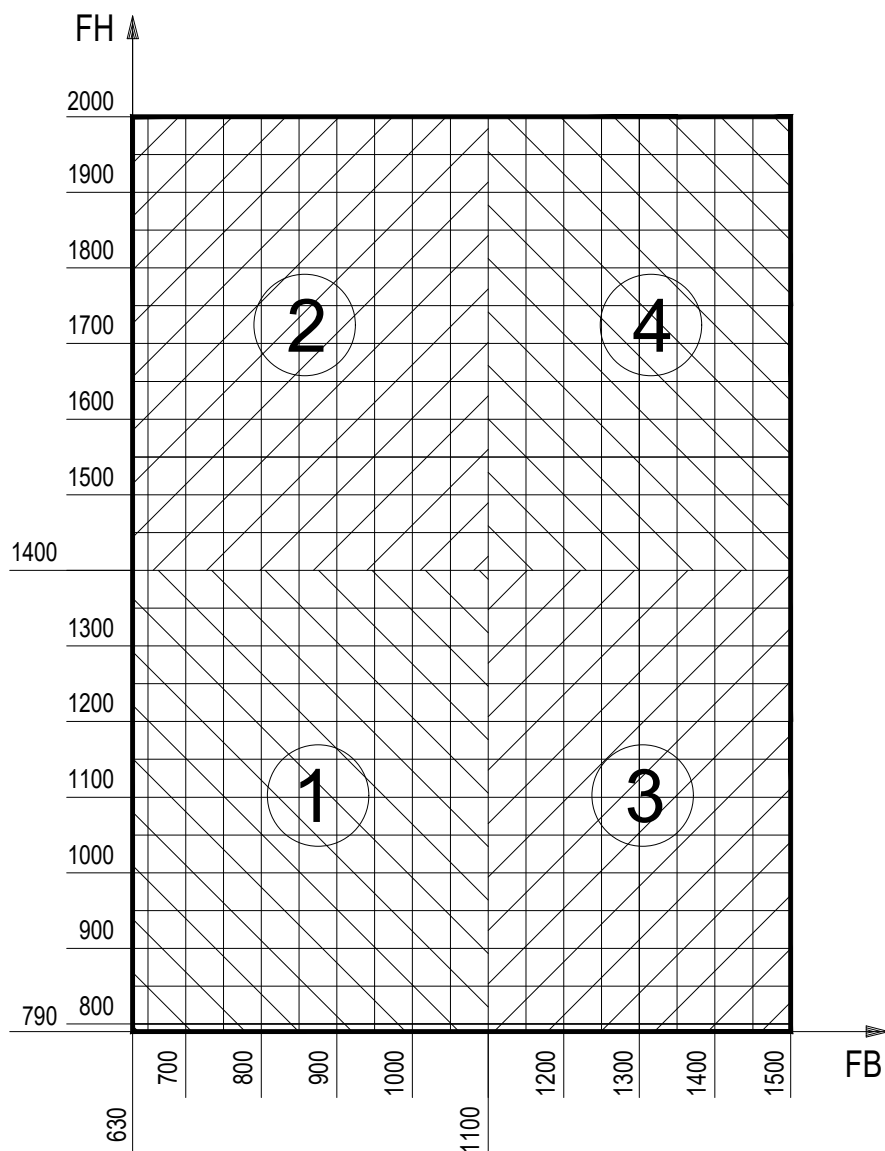
VERSTELBAAR
REGLABLE
ADJUSTABLE
VERSTELLBAR

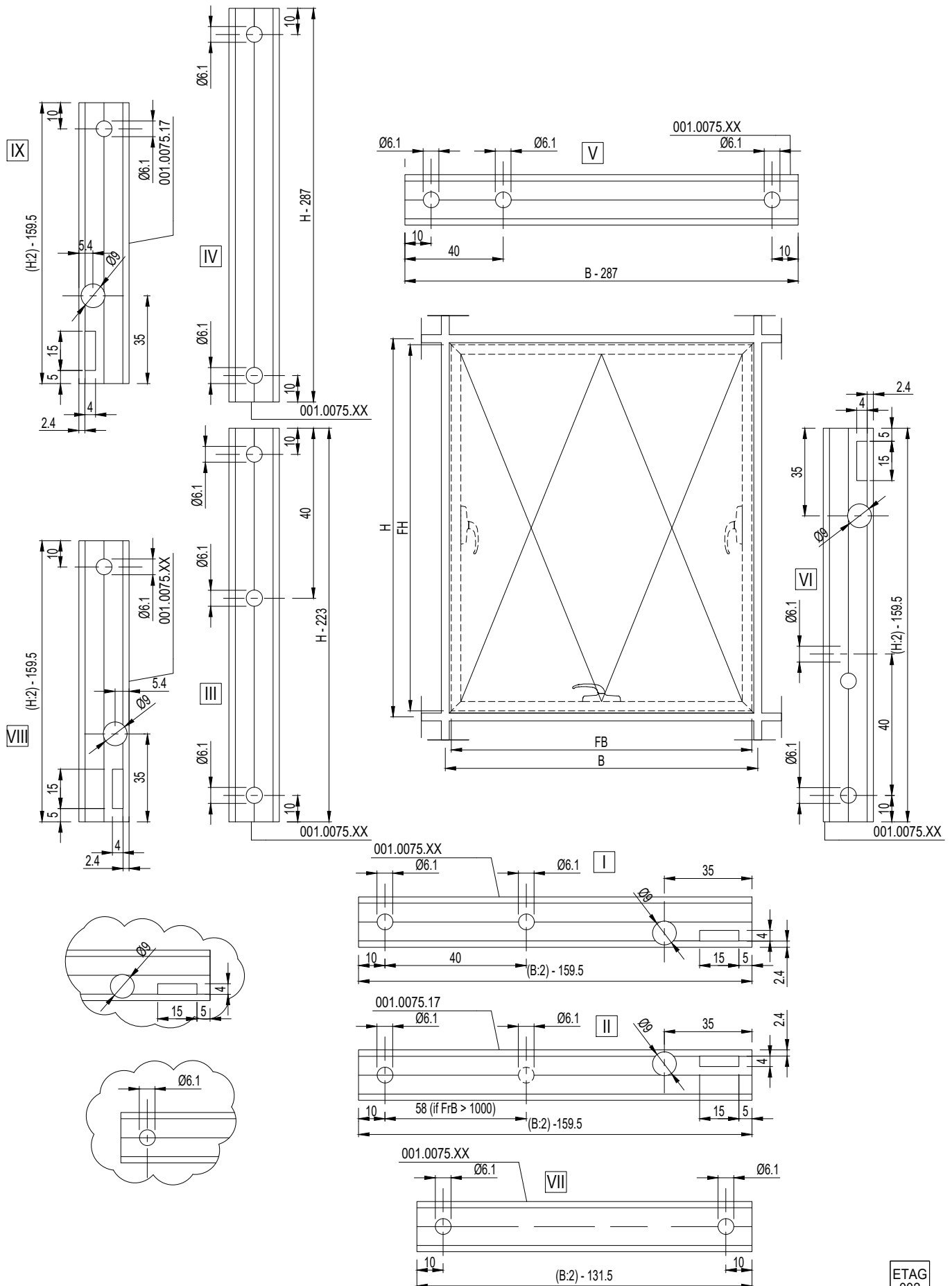


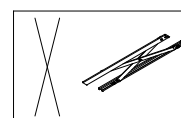
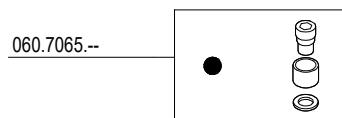
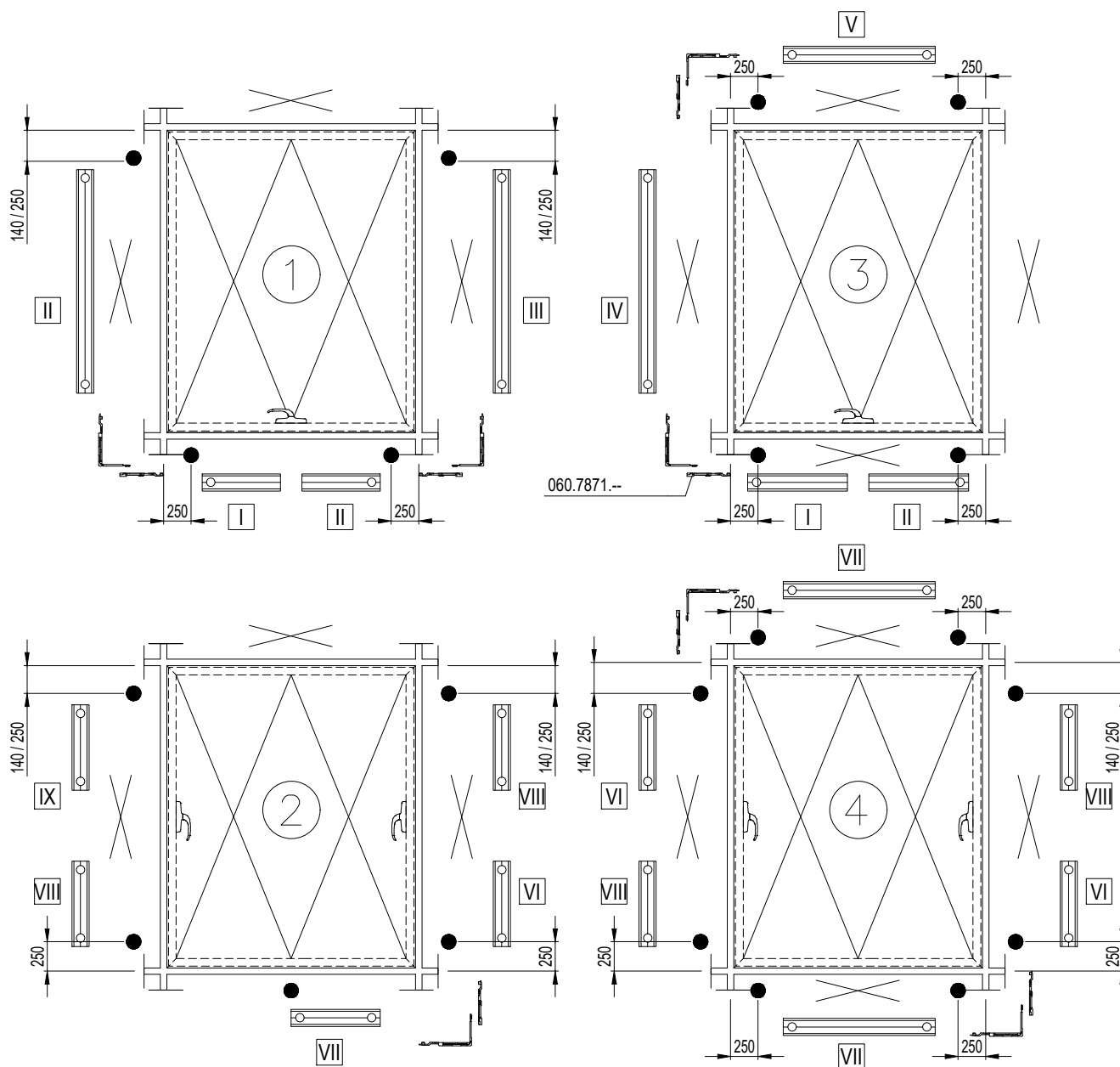
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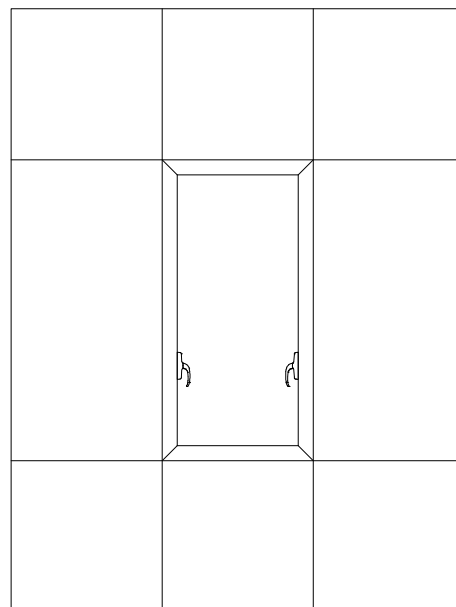
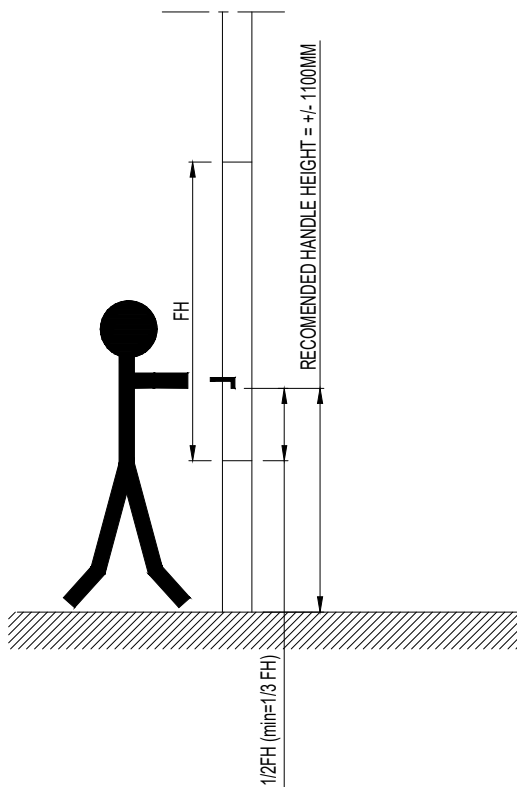
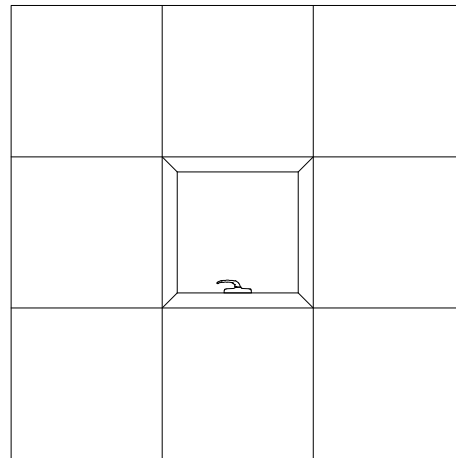
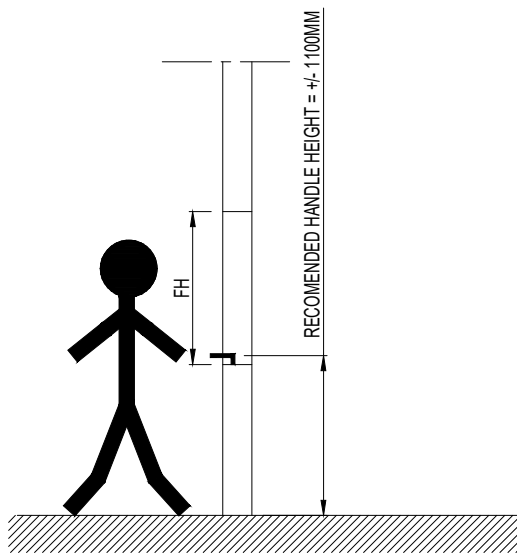
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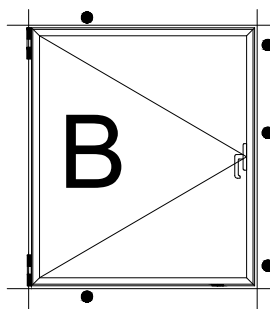
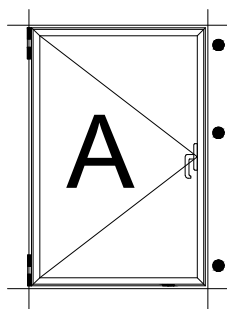
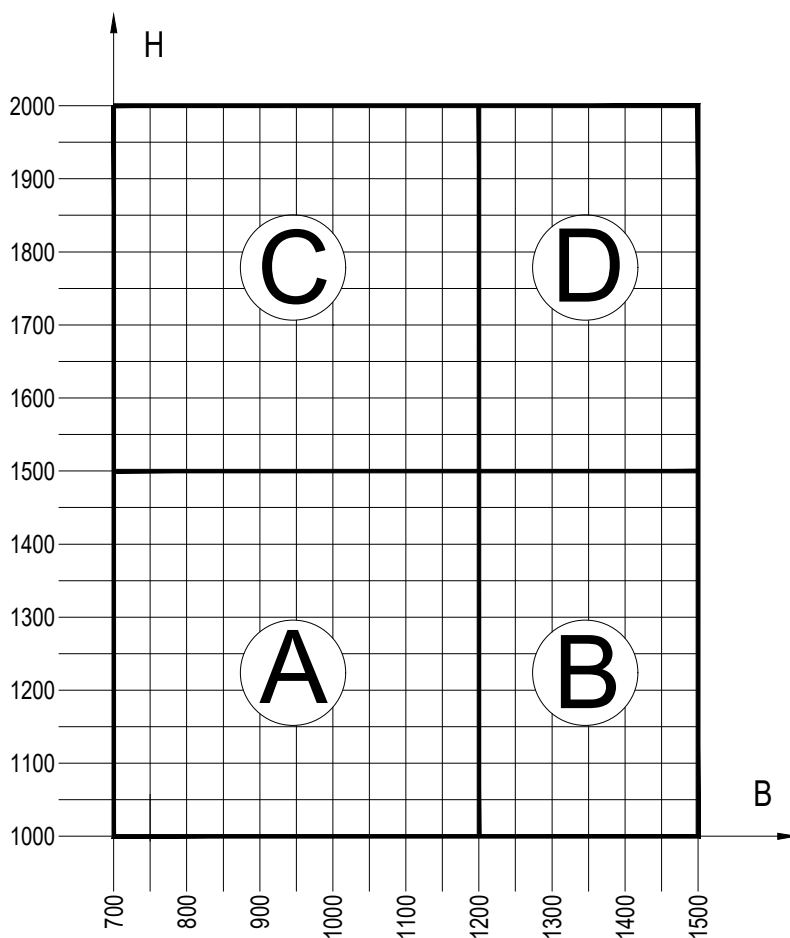




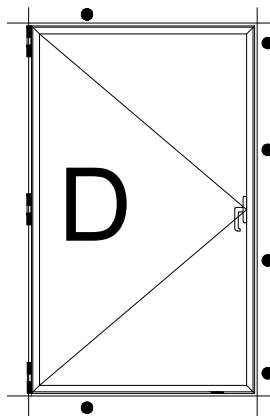
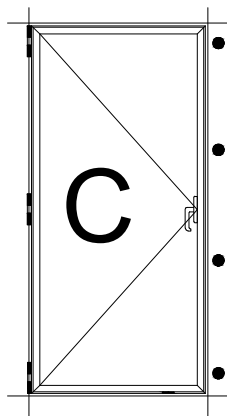






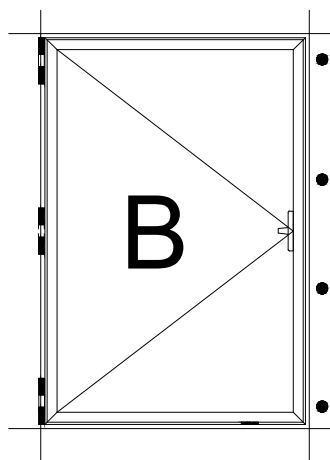
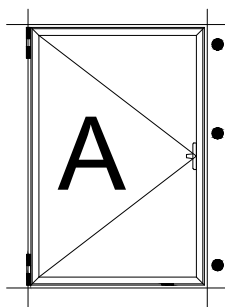
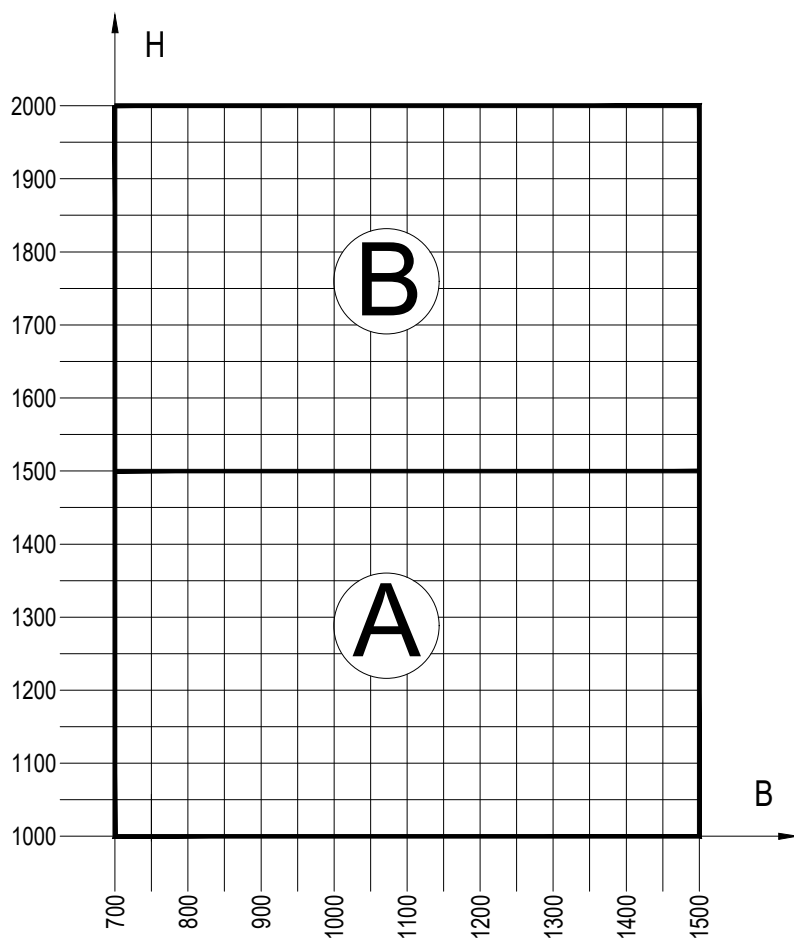


SLUITPUNT
VERROUILLAGE
LOCKING POINT
SCHLIEßPUNKT



SCHARNIER
PAUMELLE
HINGE
BAND FENSTER

MAX. GEWICHT VLEUGEL POIDS MAX. VANTAIL MAX. WEIGHT VENT MAX. GEWICHTE FLÜGEL	100KG
--	-------

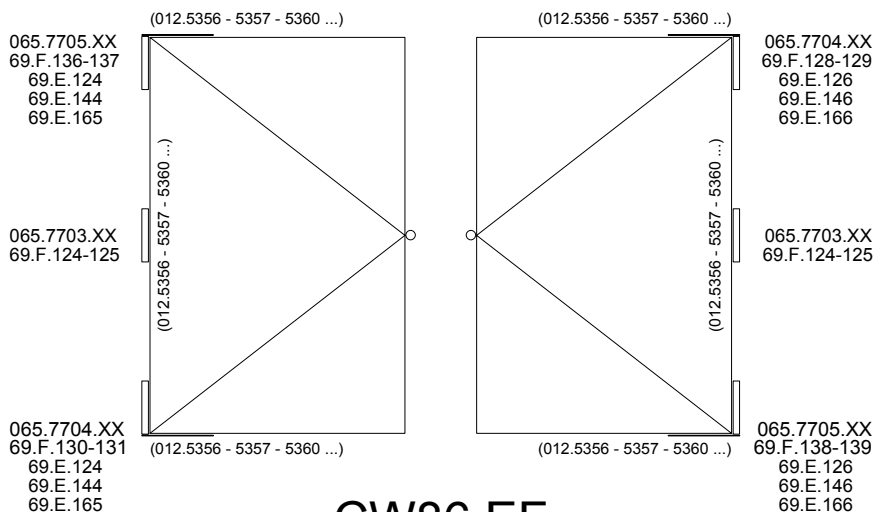


• SLUITPUNT
• VERROUILLAGE
• LOCKING POINT
• SCHLIEßPUNKT

┌ SCHARNIER
┌ PAUMELLE
┌ HINGE
┌ BAND FENSTER

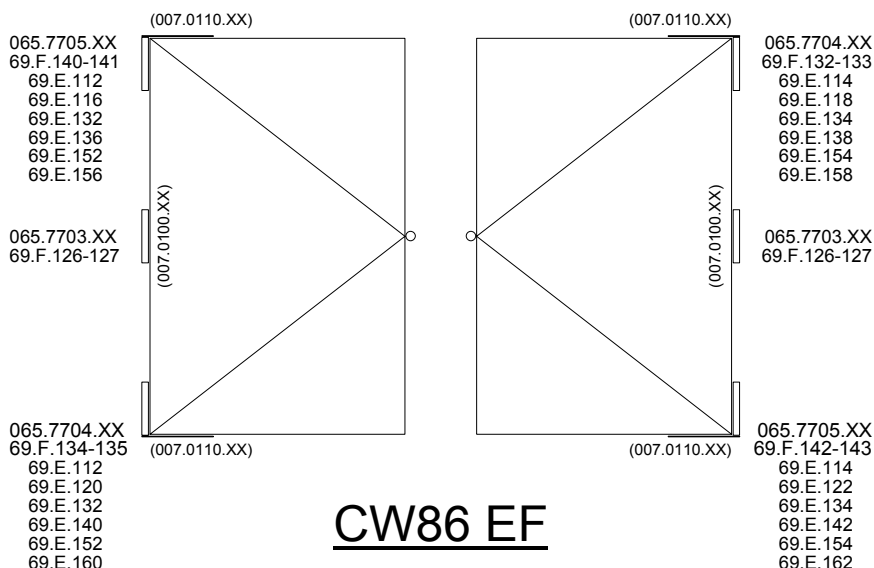
MAX. GEWICHT VLEUGEL POIDS MAX. VANTAIL MAX. WEIGHT VENT MAX. GEWICHTE FLÜGEL	100KG
--	-------

CW86

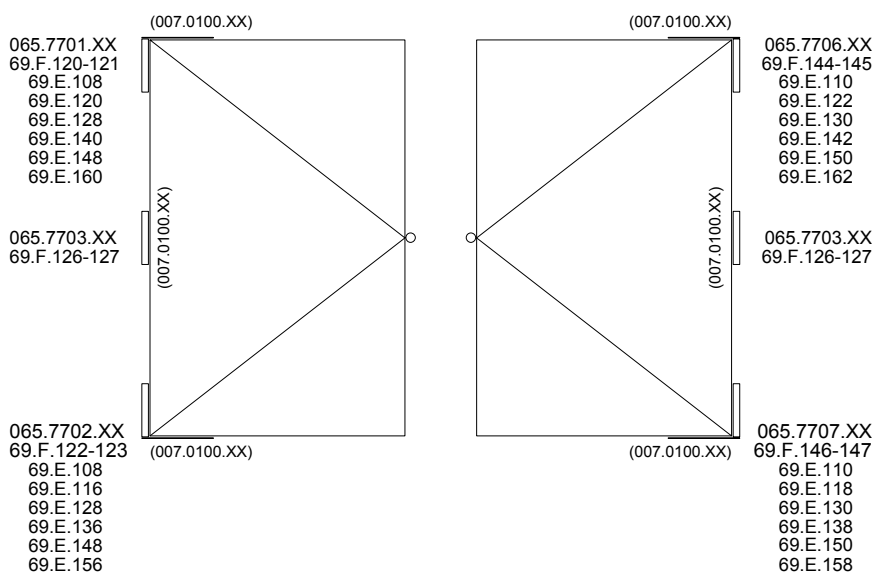


CW86 EF

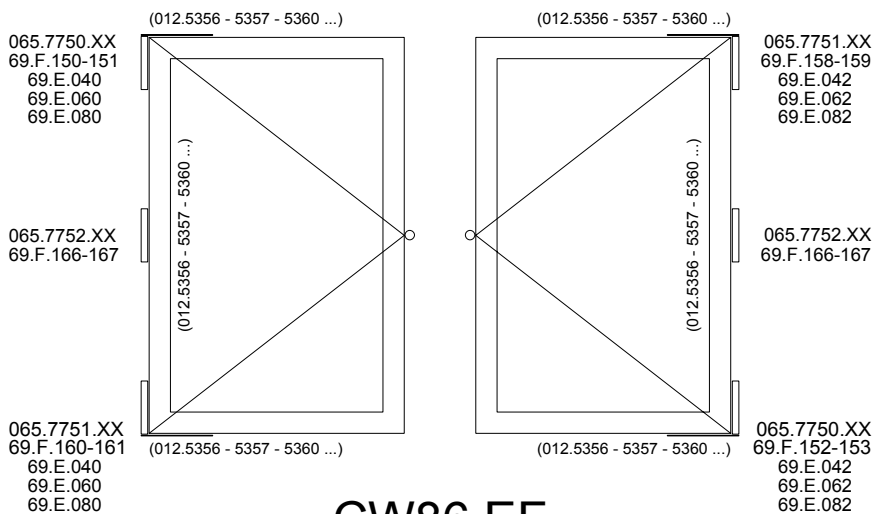
BUITENAANZICHT
VUE DE L'EXTERIEUR
OUTSIDE VIEW
AUSSENSICHT



CW86 EF

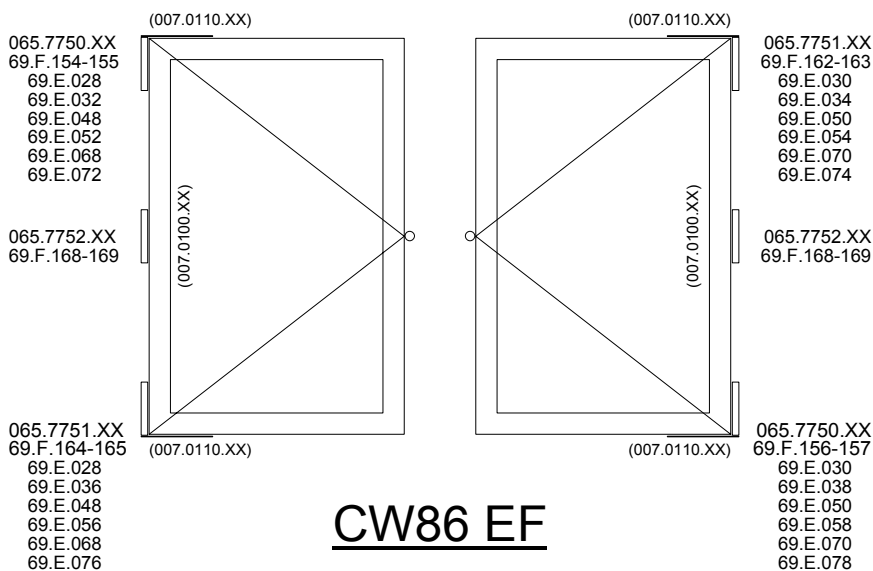


CW86

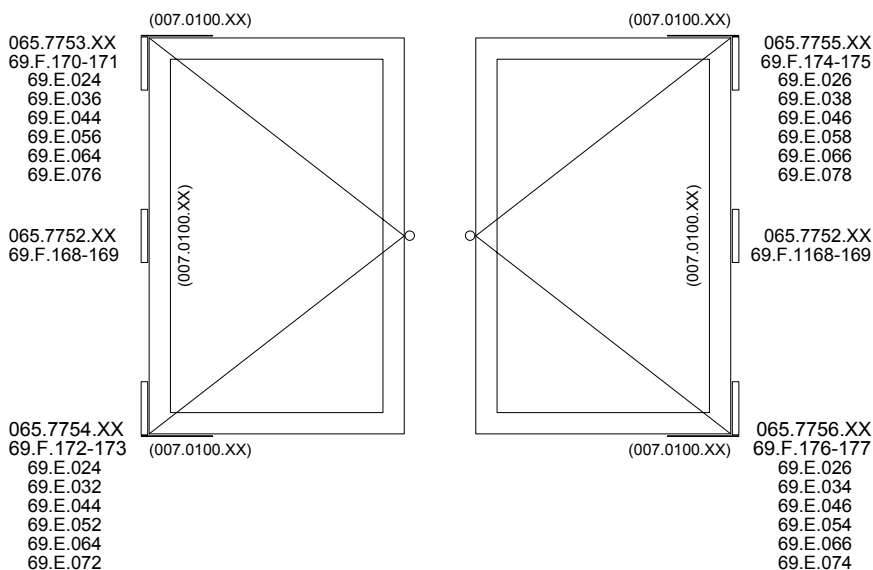


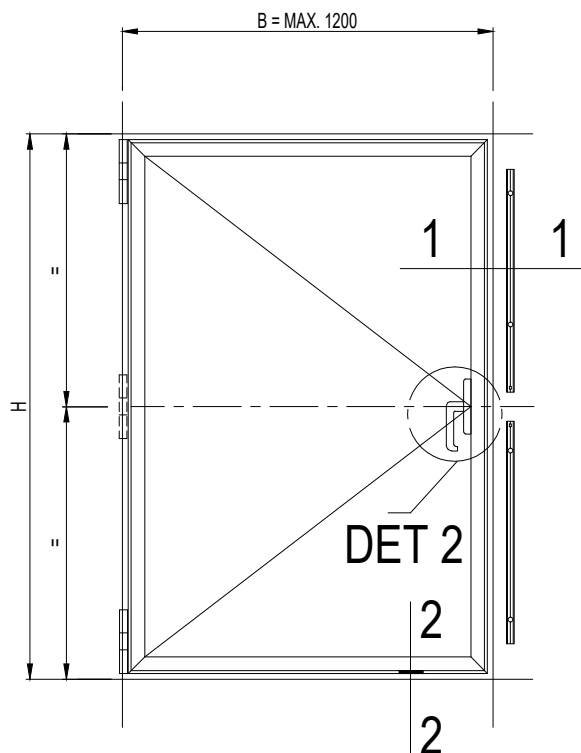
CW86 EF

BUITENAANZICHT
VUE DE L'EXTERIEUR
OUTSIDE VIEW
AUSSENSICHT

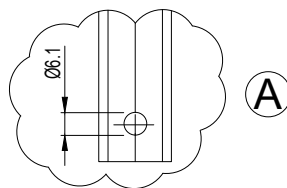
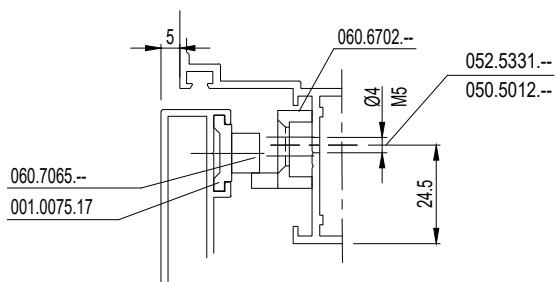


CW86 EF

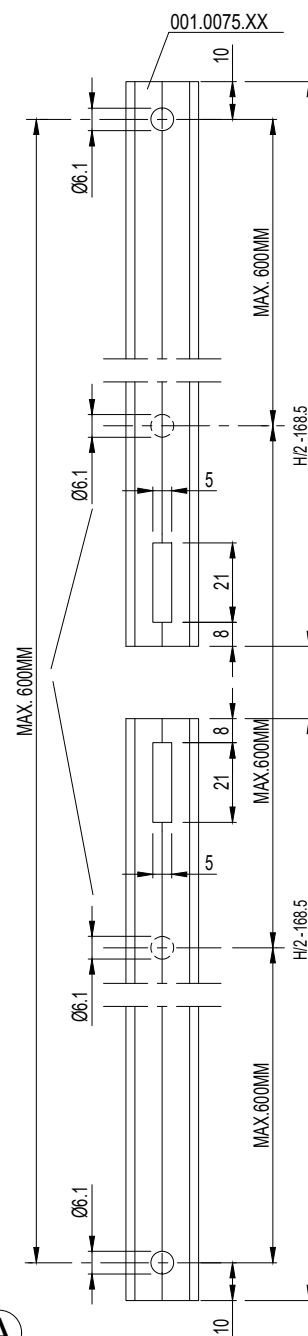




1 - 1

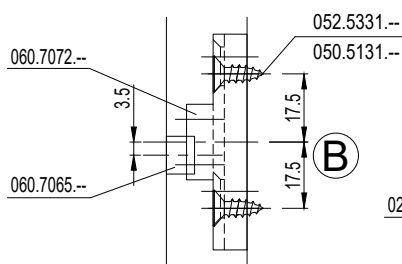


PONSUNIT
UNITE D'ETAMPER
PUNCH UNIT
STANSEINHEIT
097.R500.00

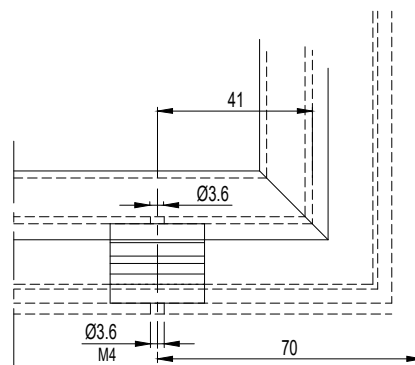
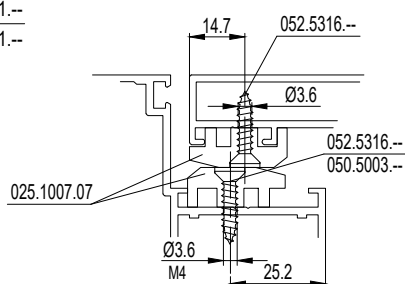


A

2 - 2

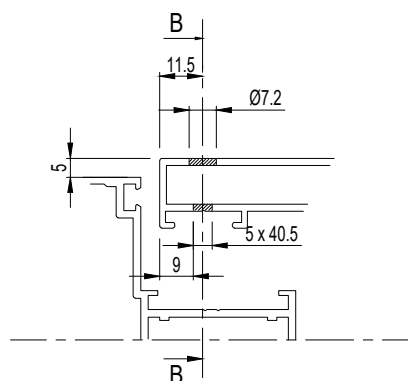
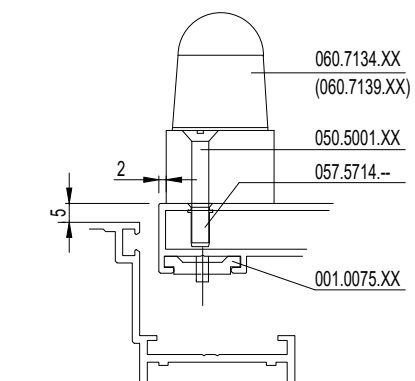
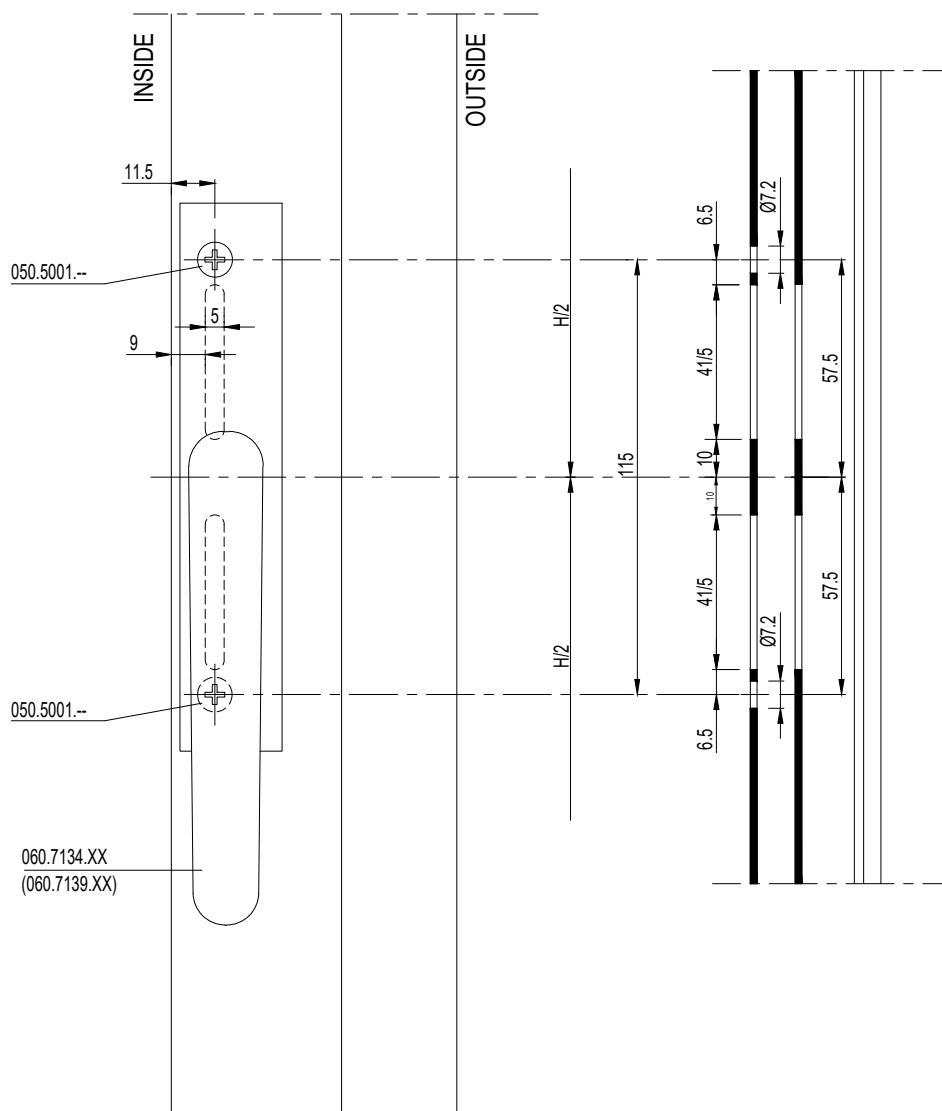


B



DET 2

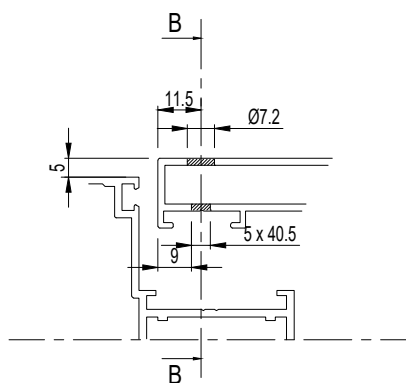
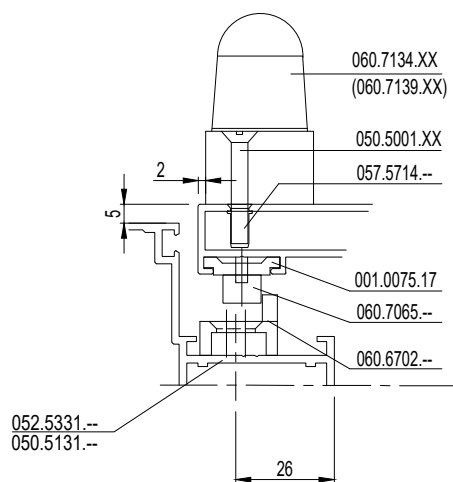
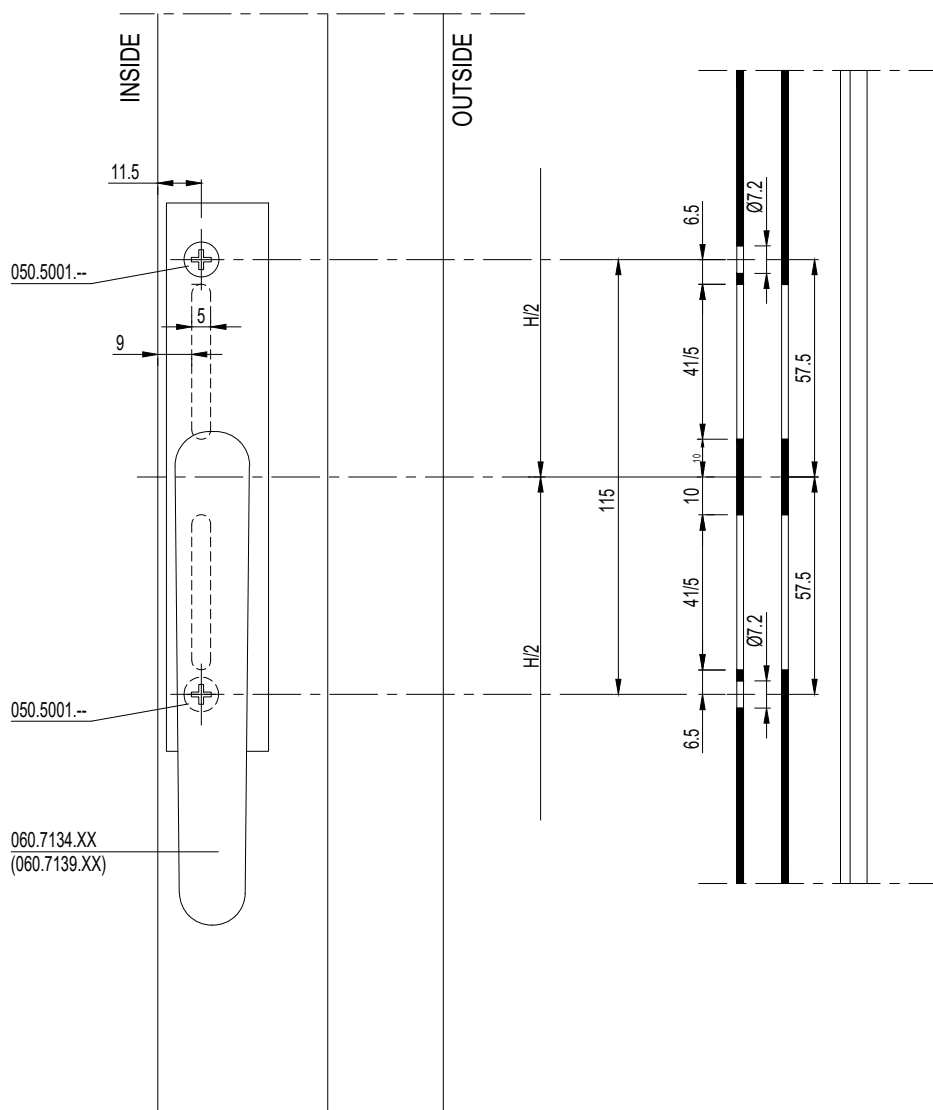
B - B

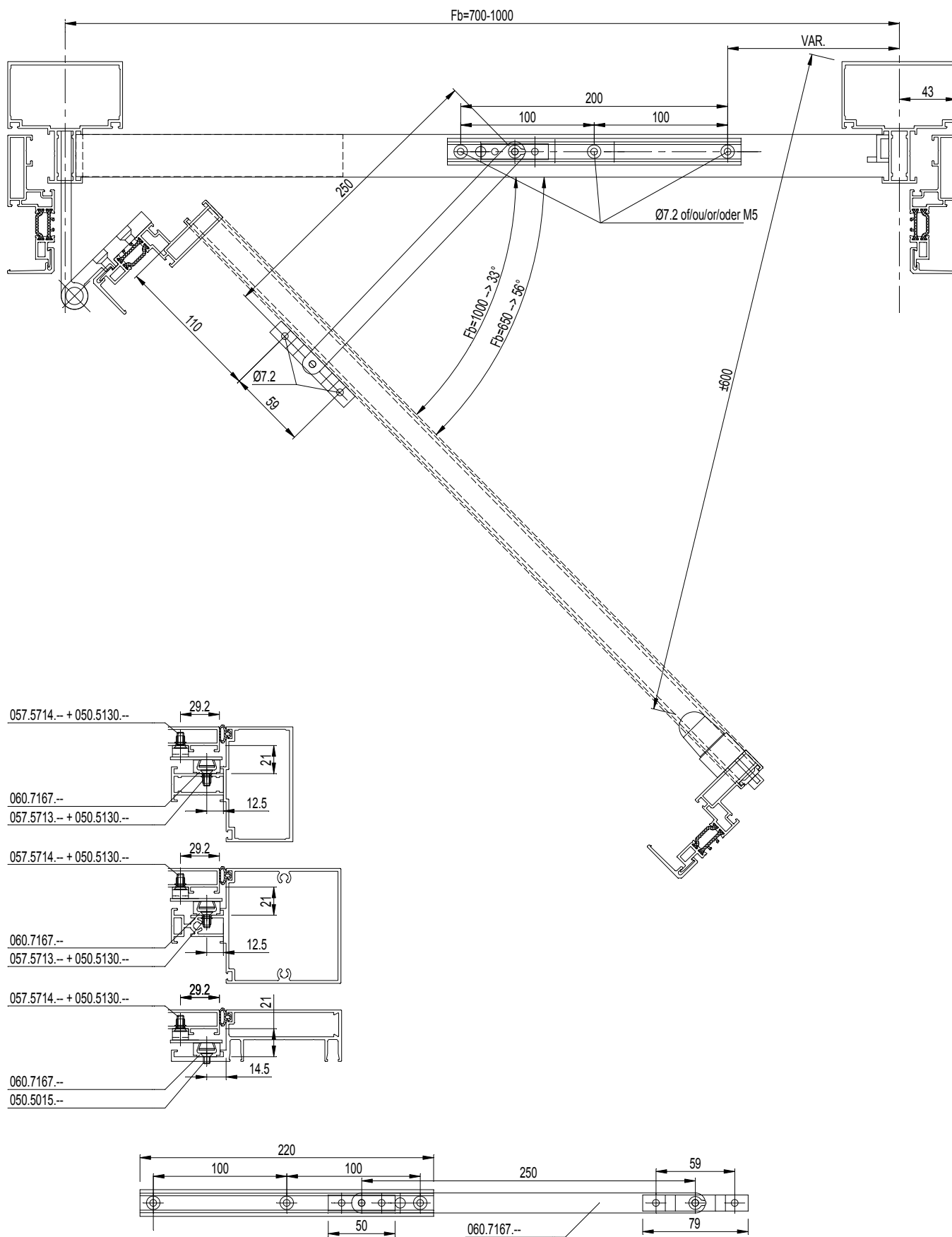


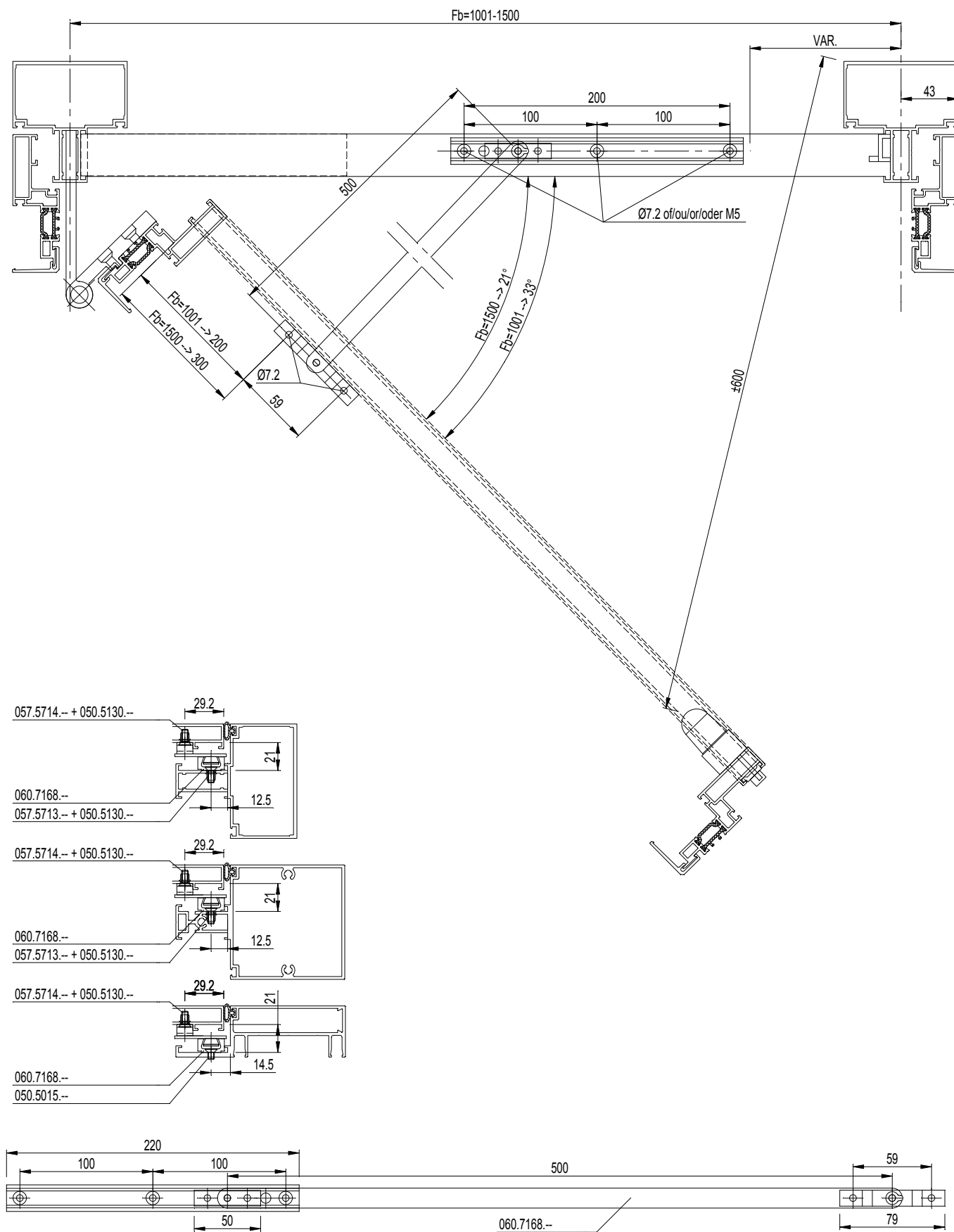


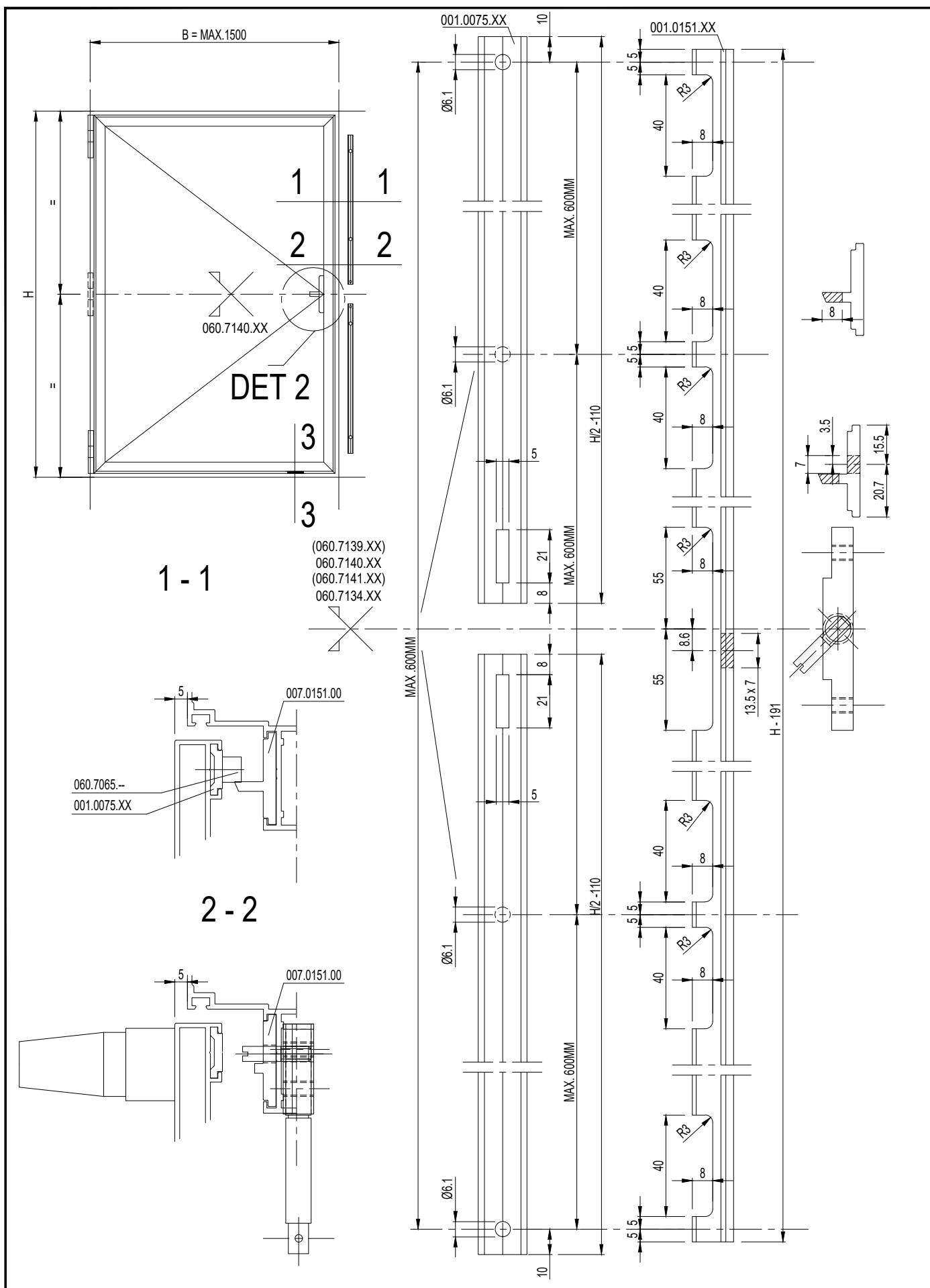
DET 2

B - B



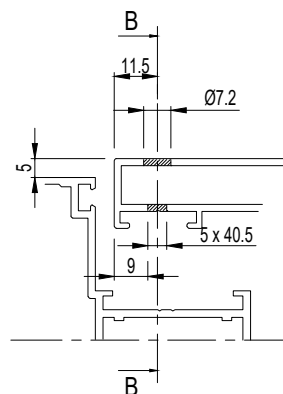
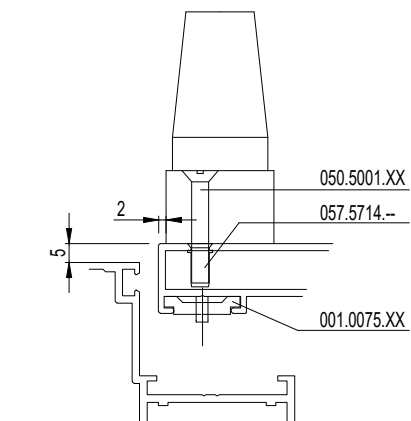
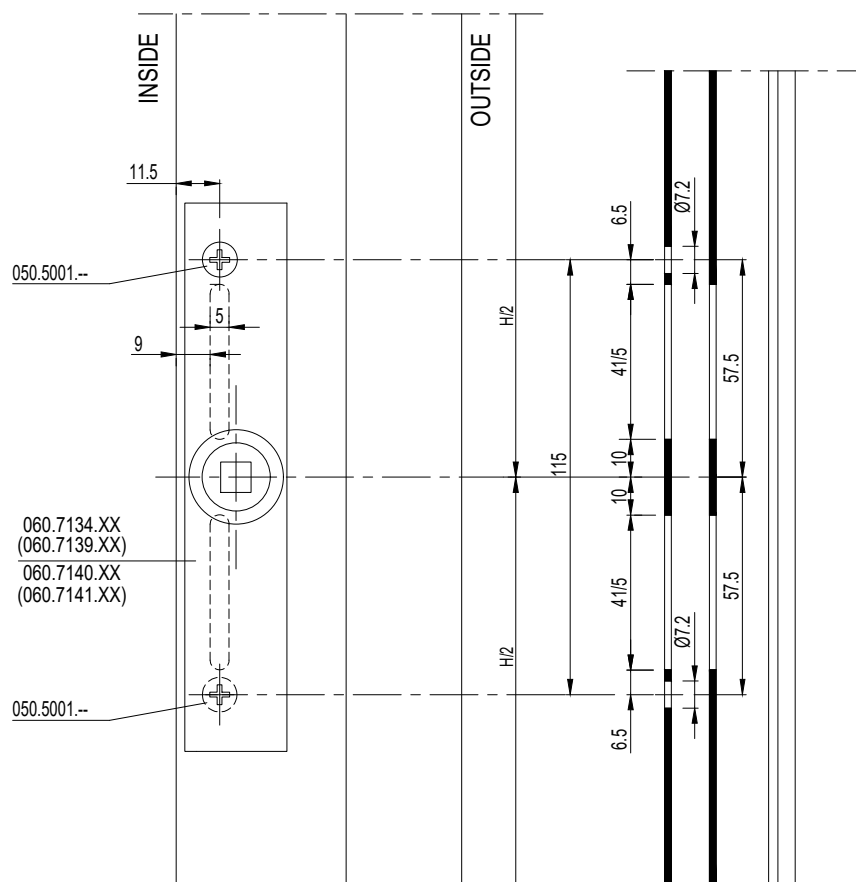




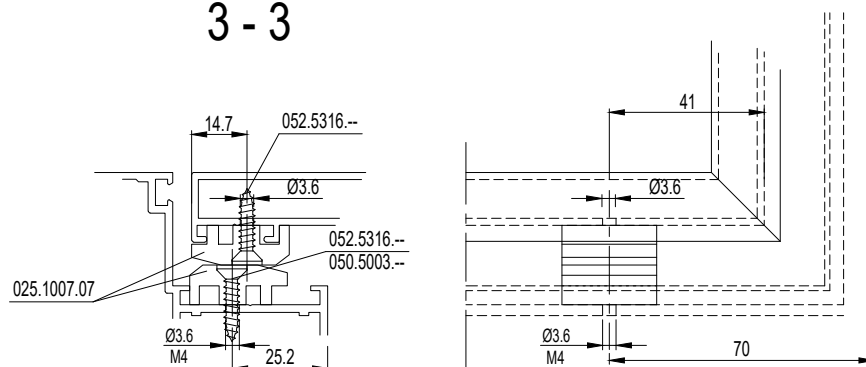


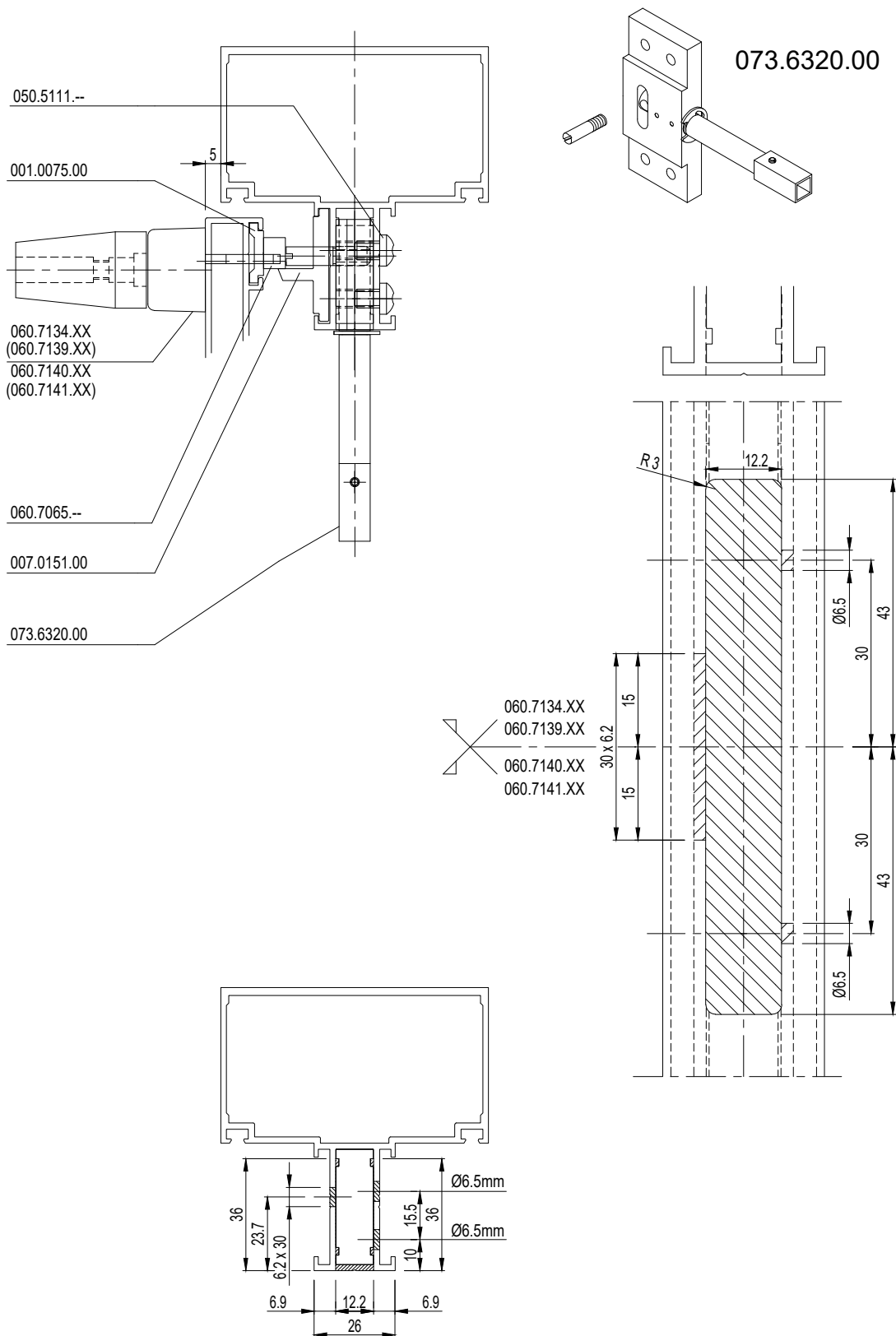
DET 2

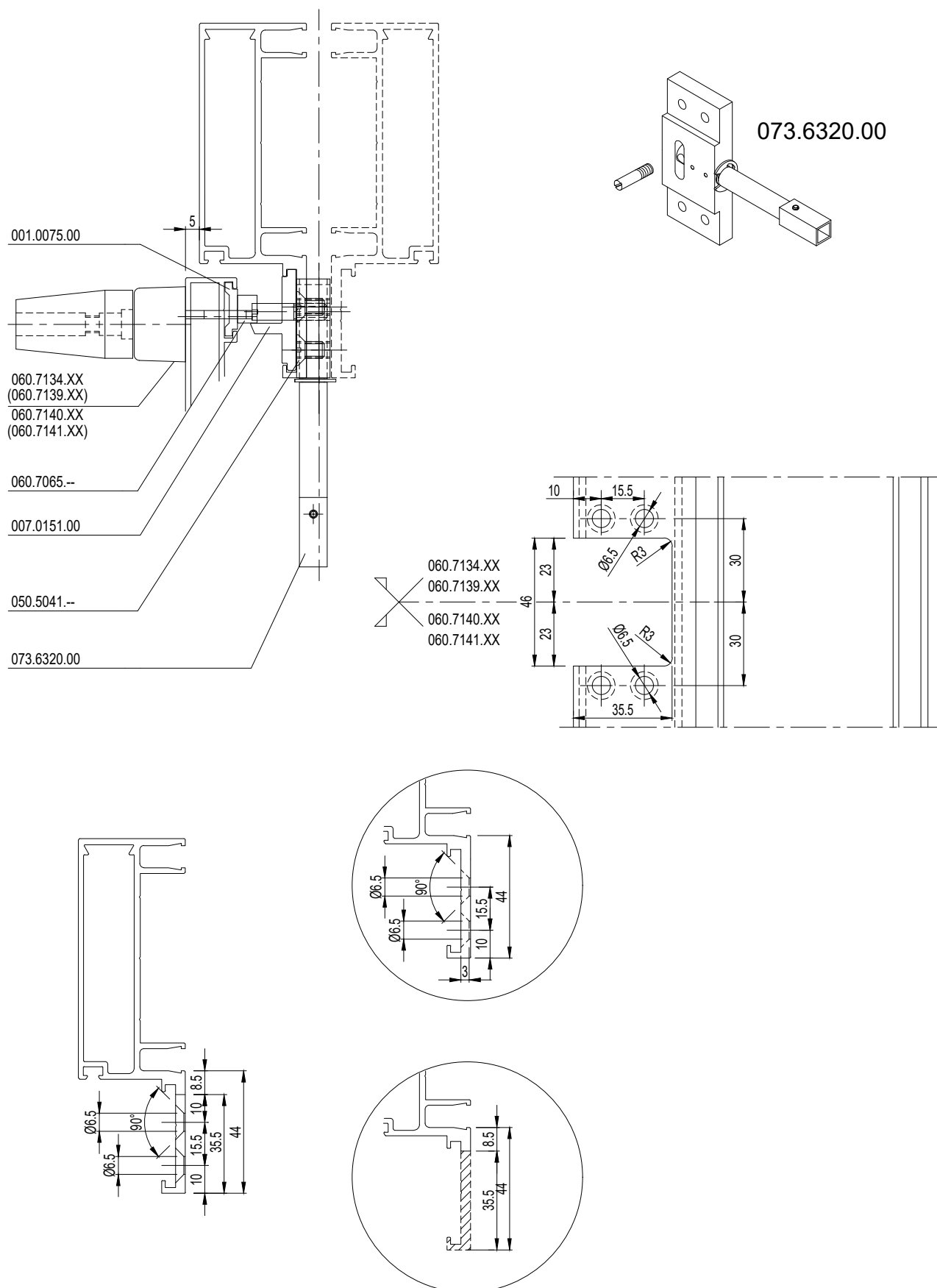
B - B

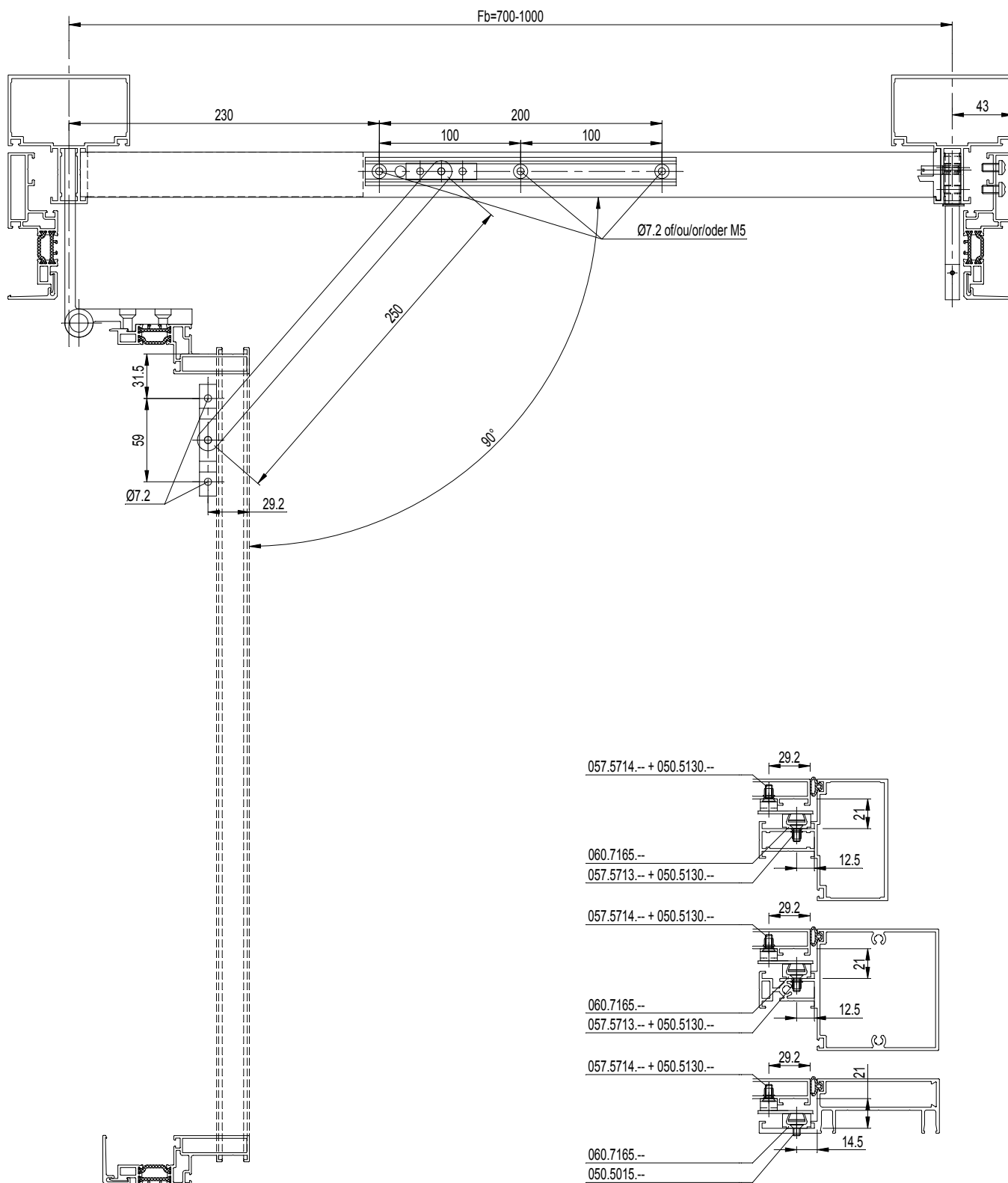


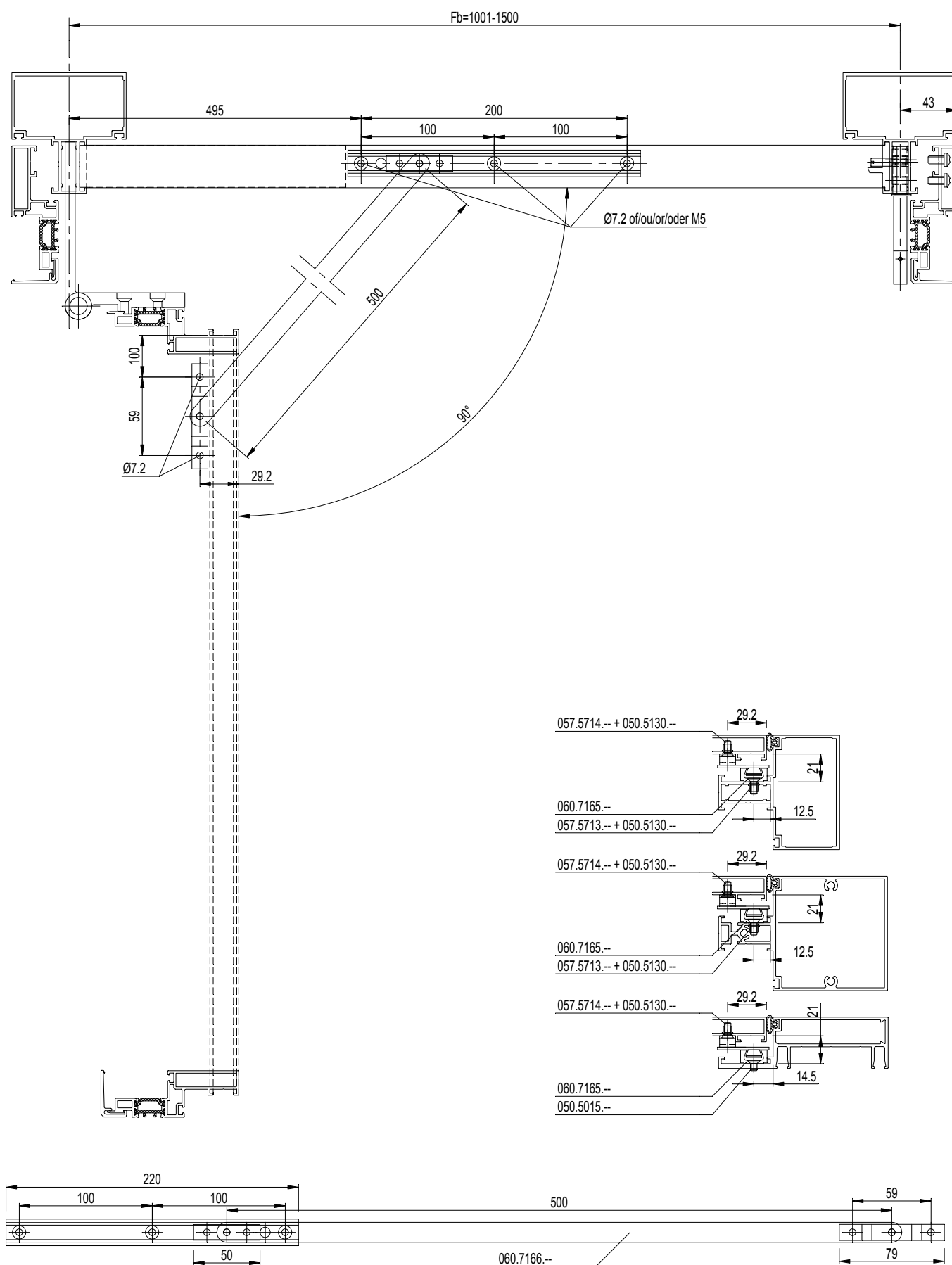
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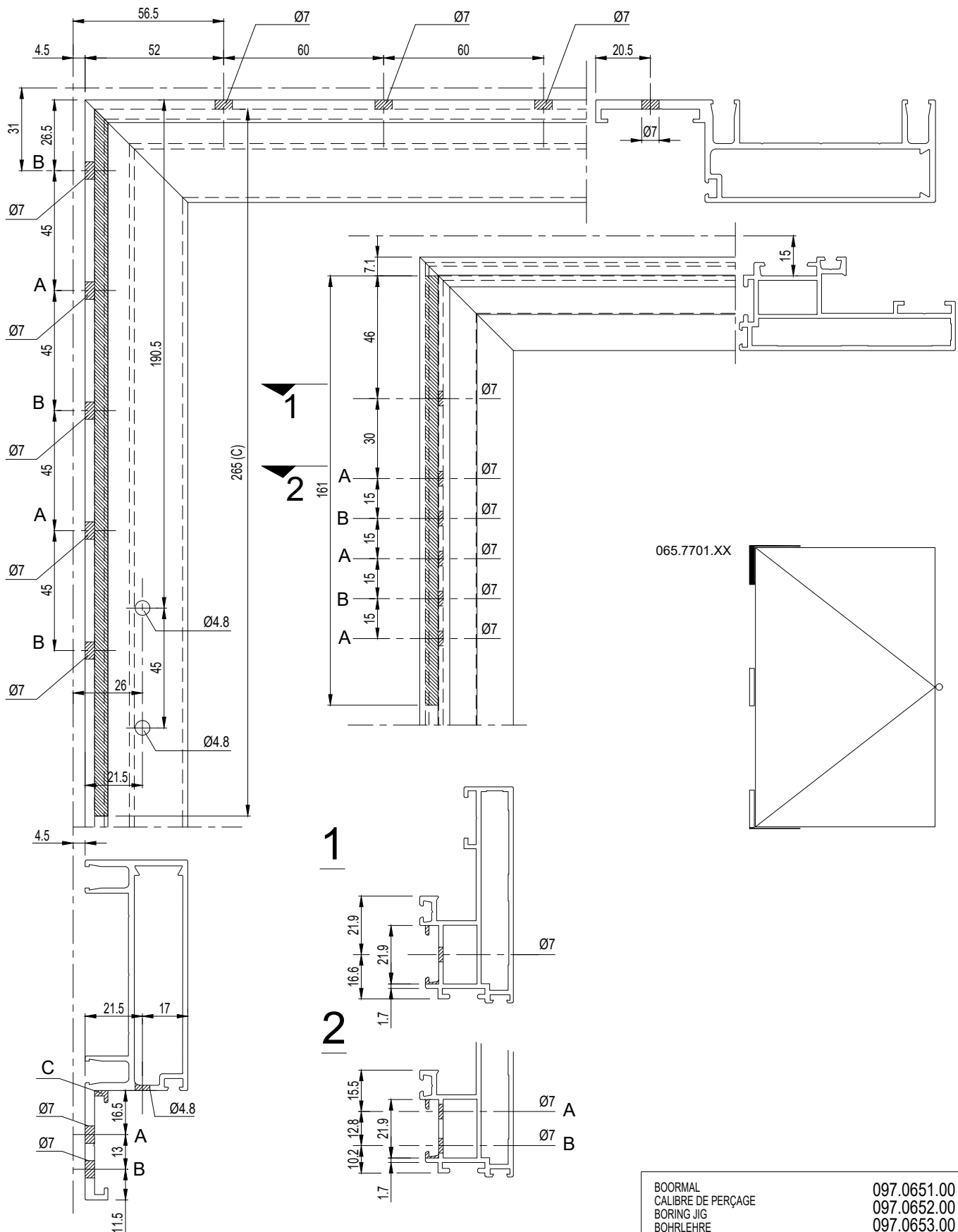


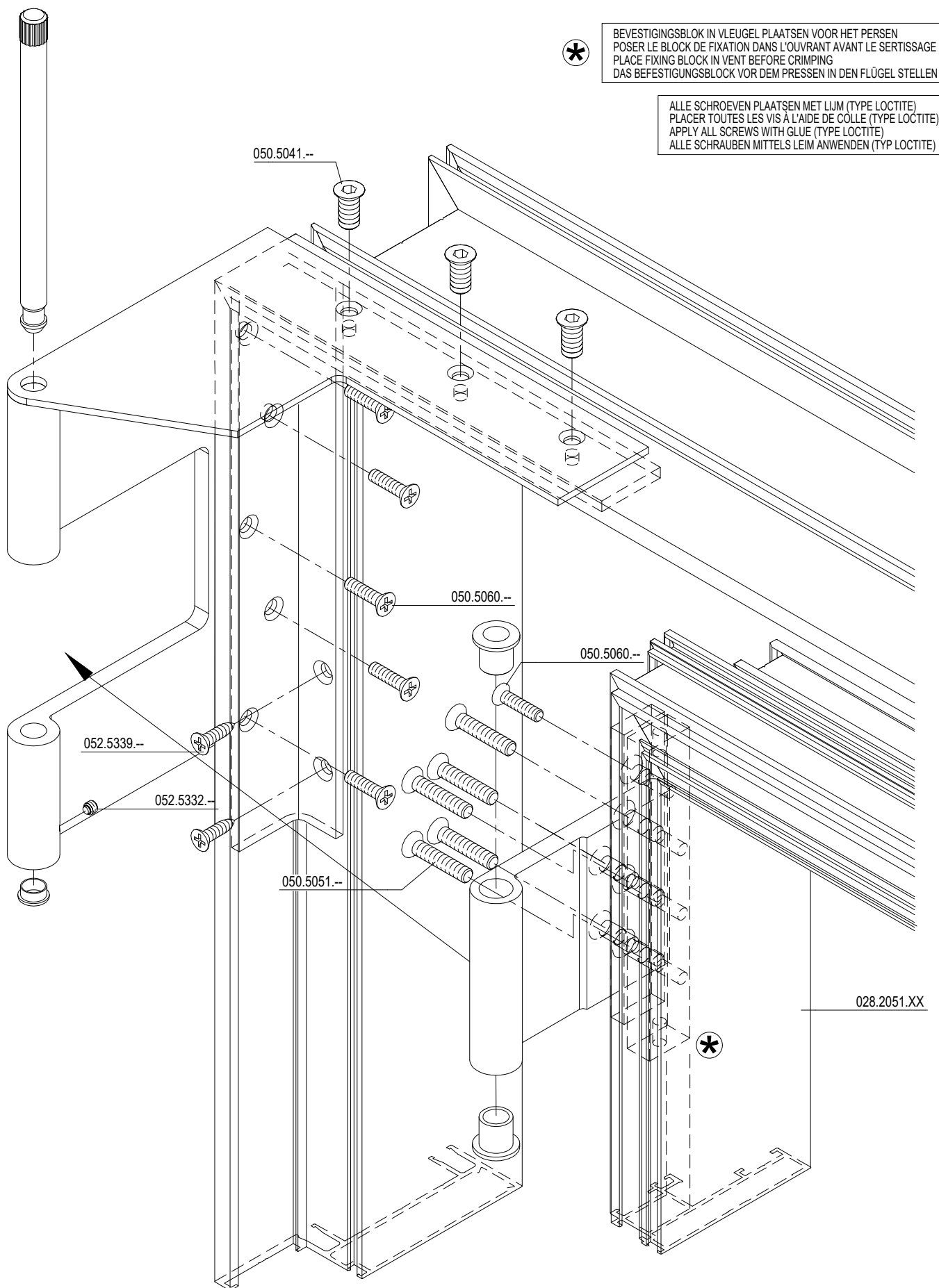






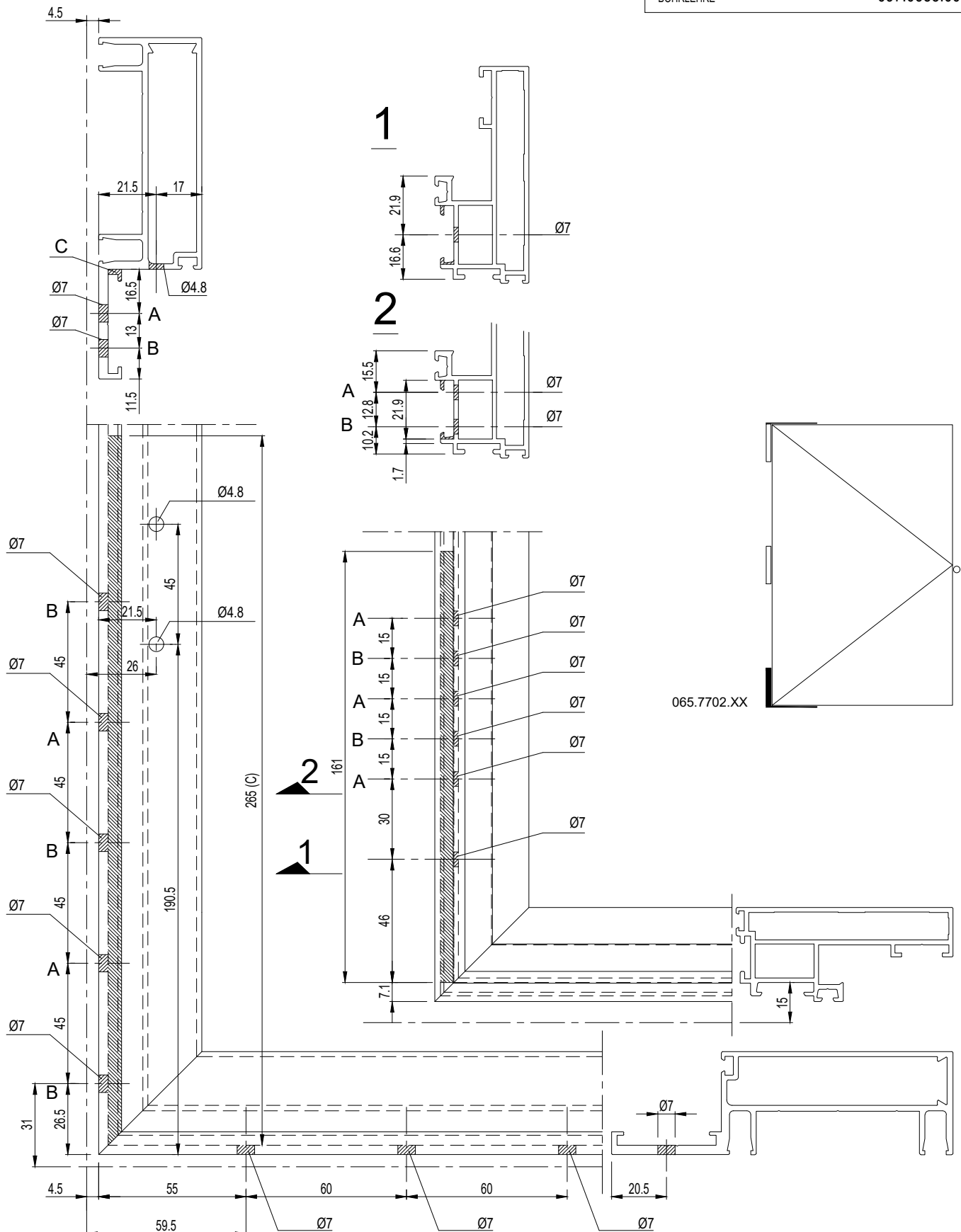


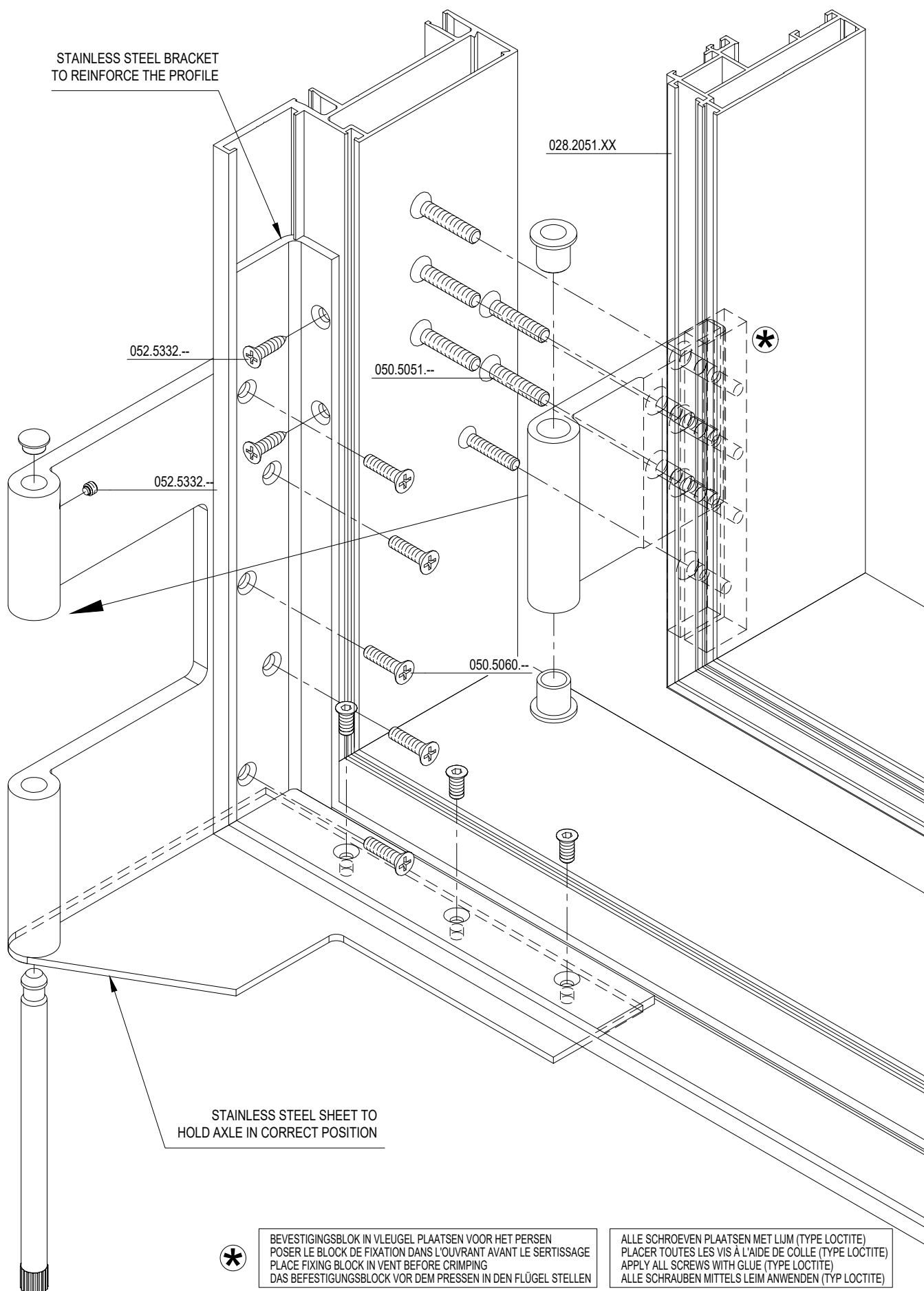


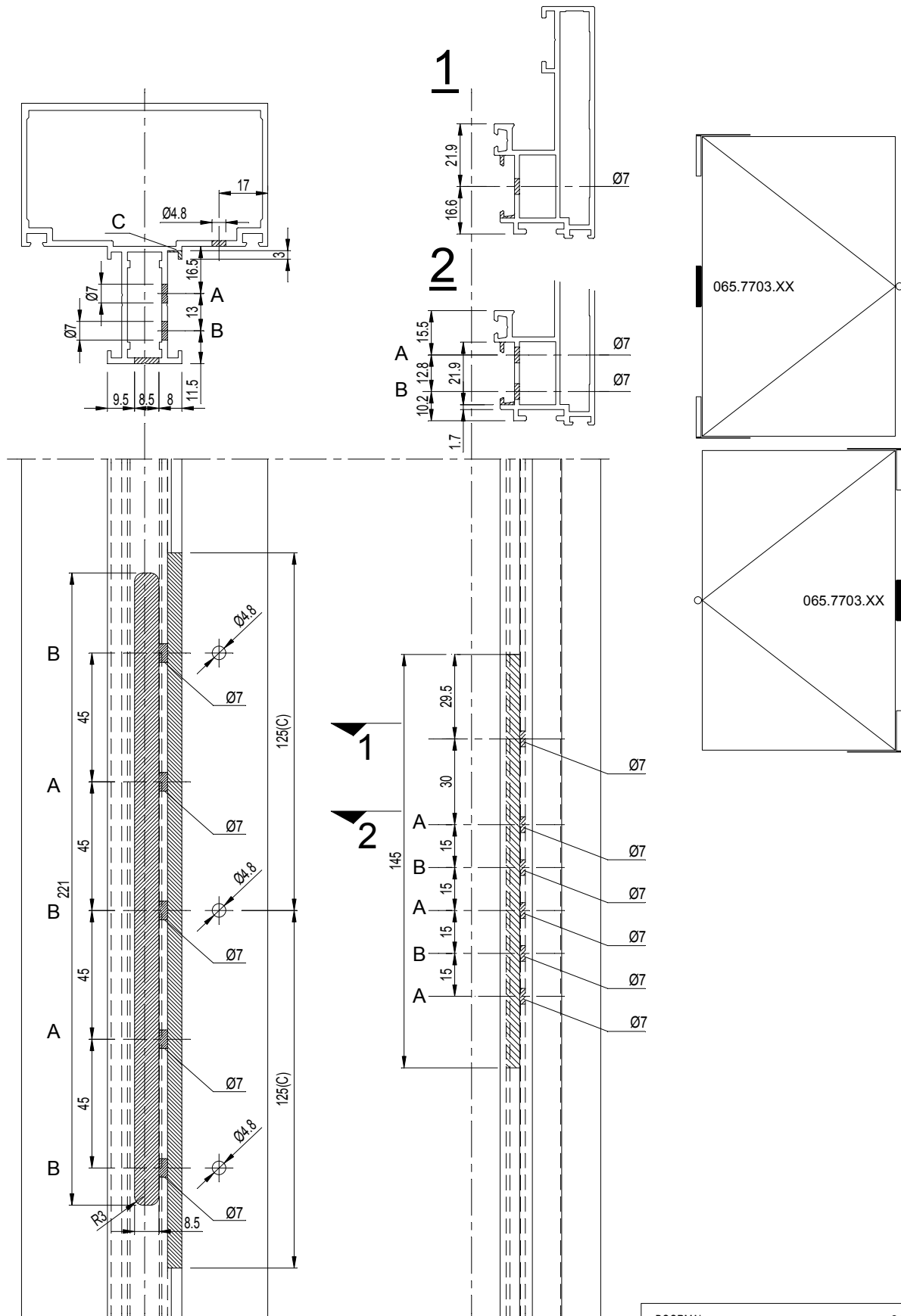


BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

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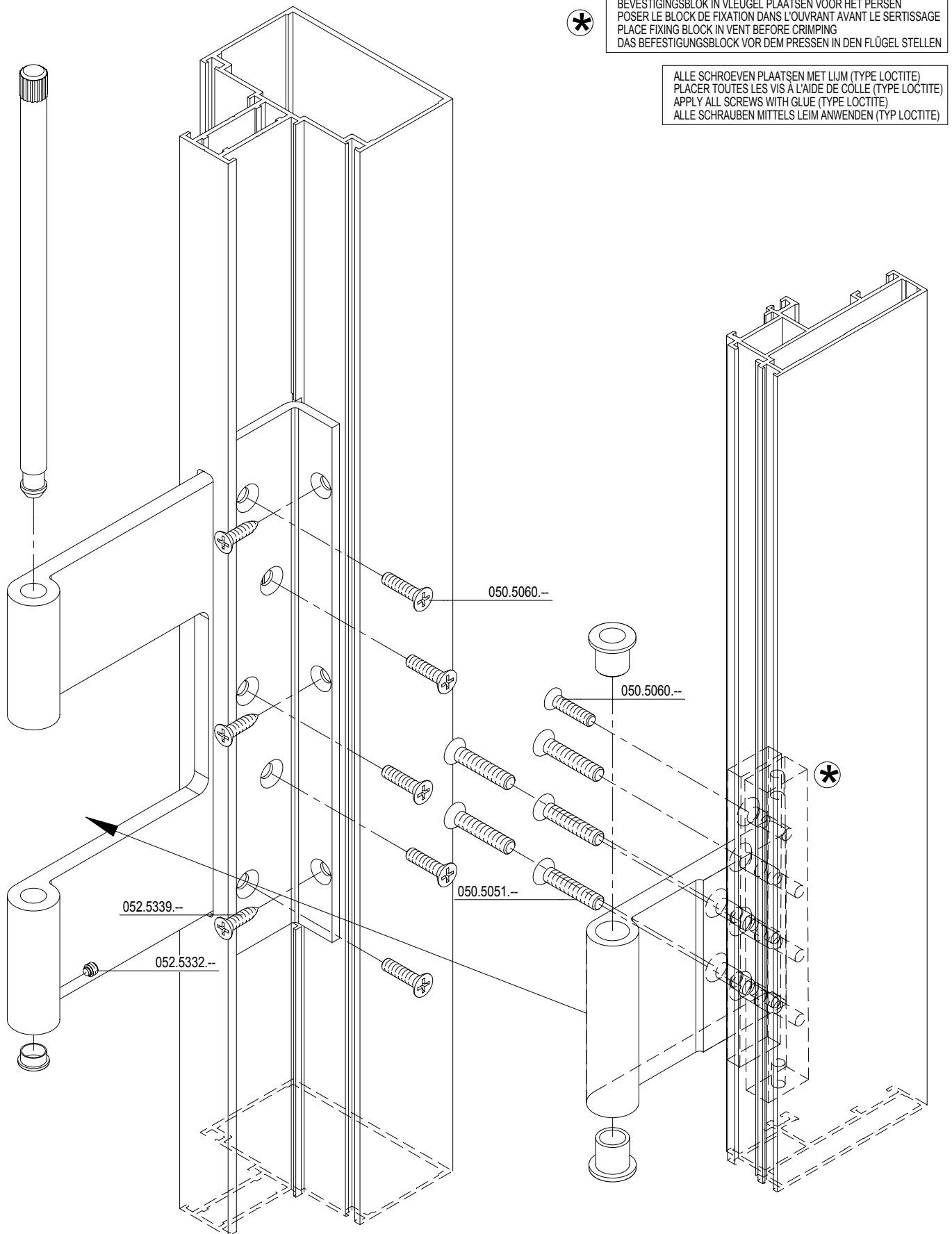


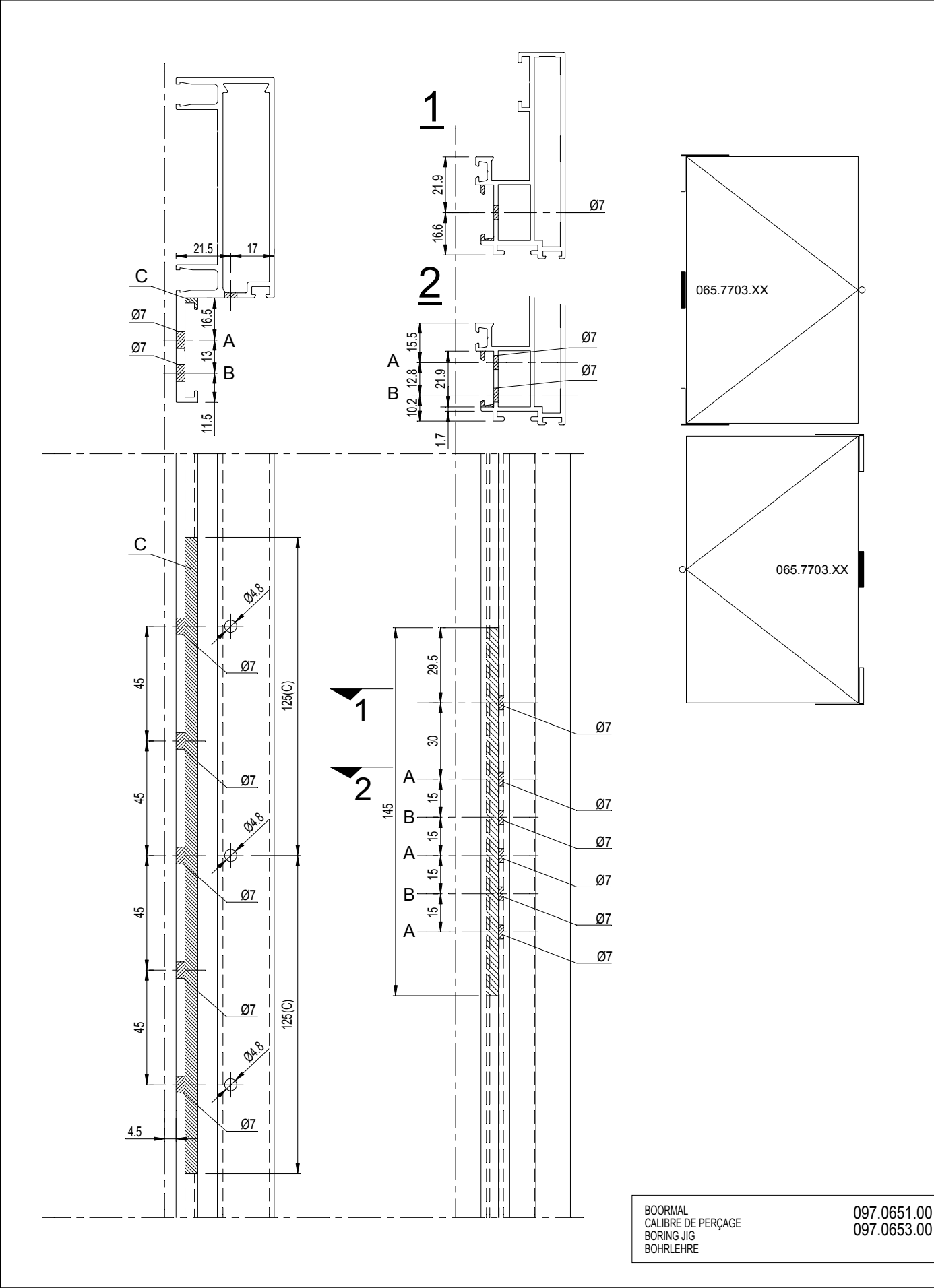


BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

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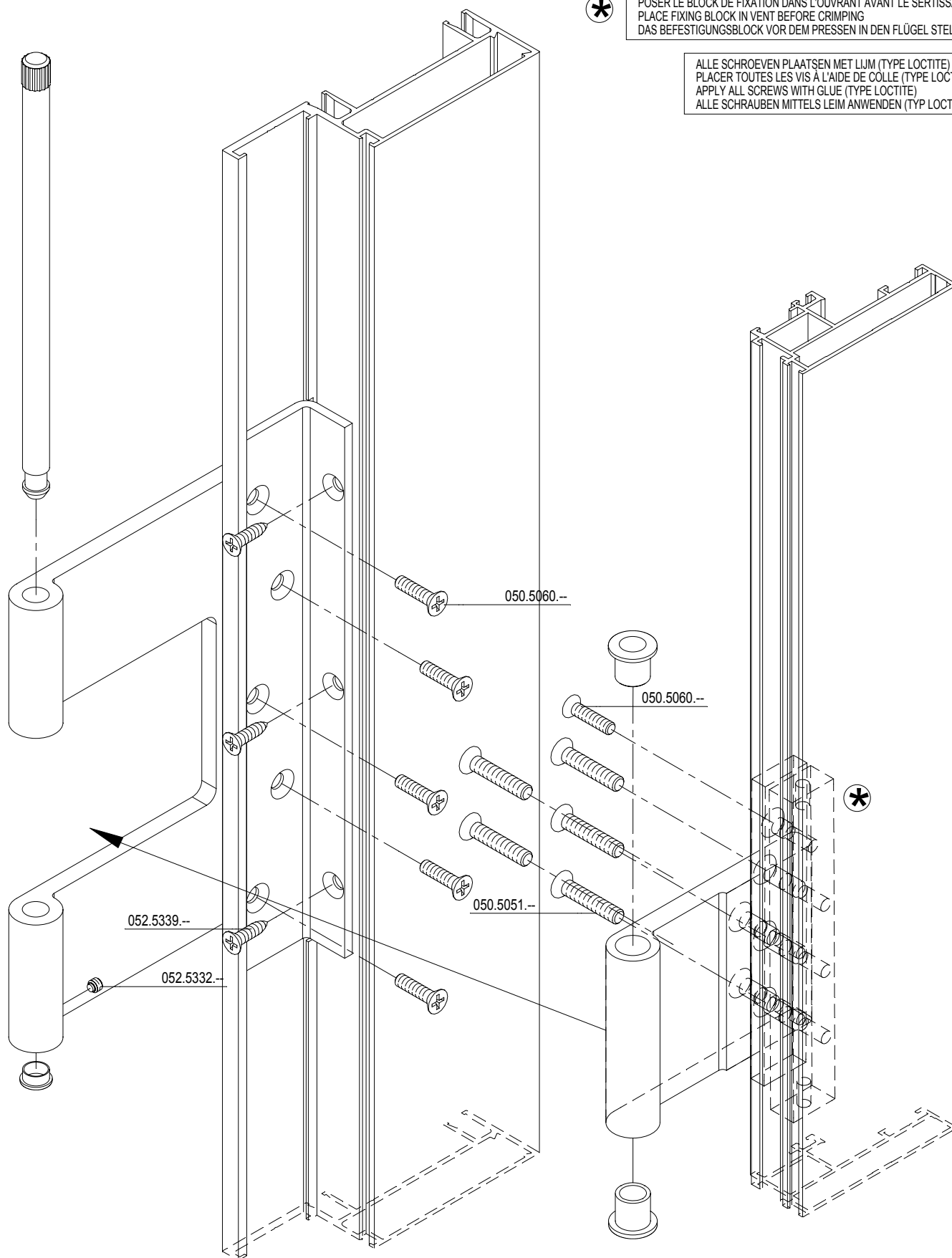
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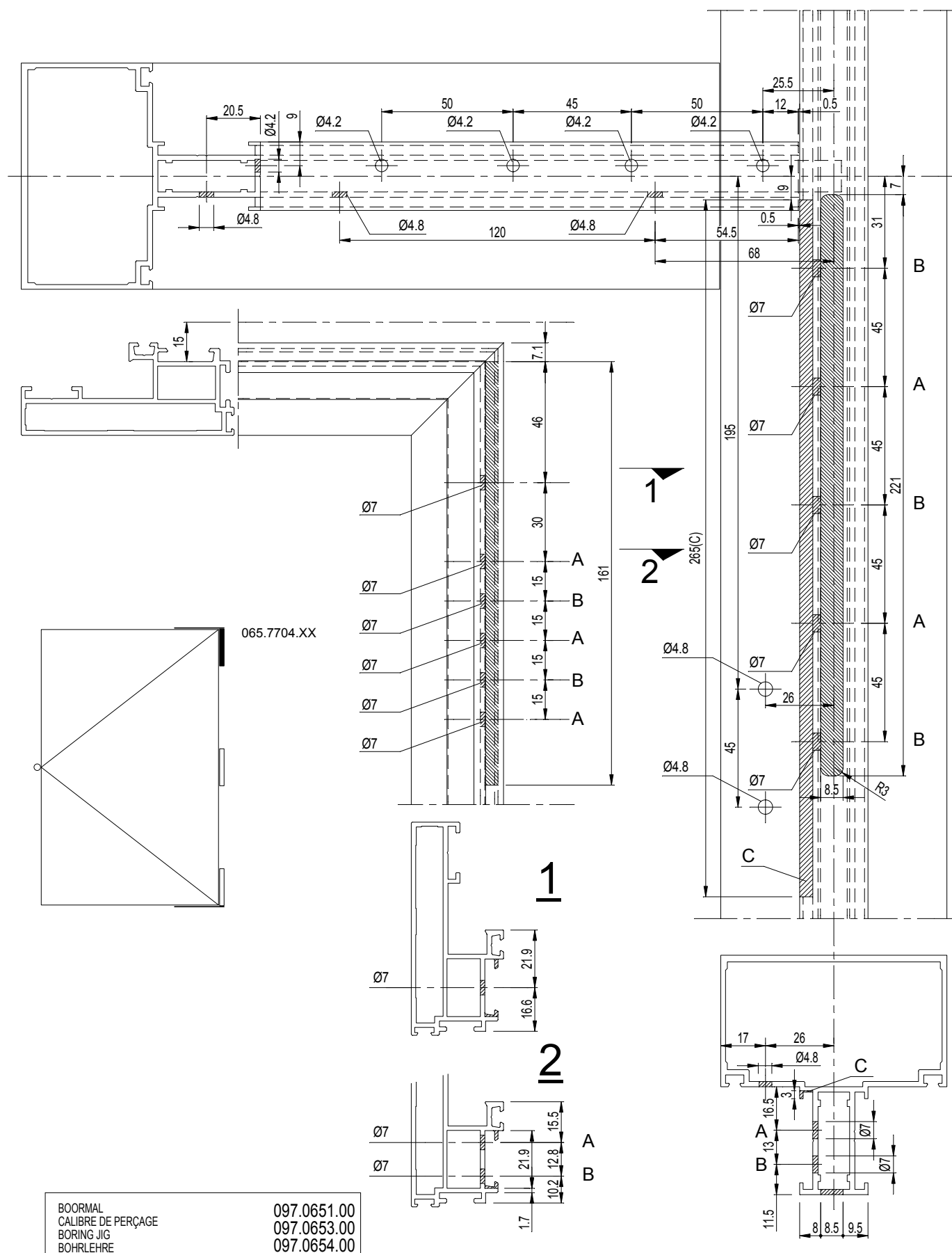




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BEVESTIGINGSBLOK IN VLEUGEL PLAATSEN VOOR HET PERSEN
POSER LE BLOCK DE FIXATION DANS L'OUVRANT AVANT LE SERTISSAGE
PLACE FIXING BLOCK IN VENT BEFORE CRIMPING
DAS BEFESTIGUNGSBLOCK VOR DEM PRESSEN IN DEN FLÜGEL STELLEN

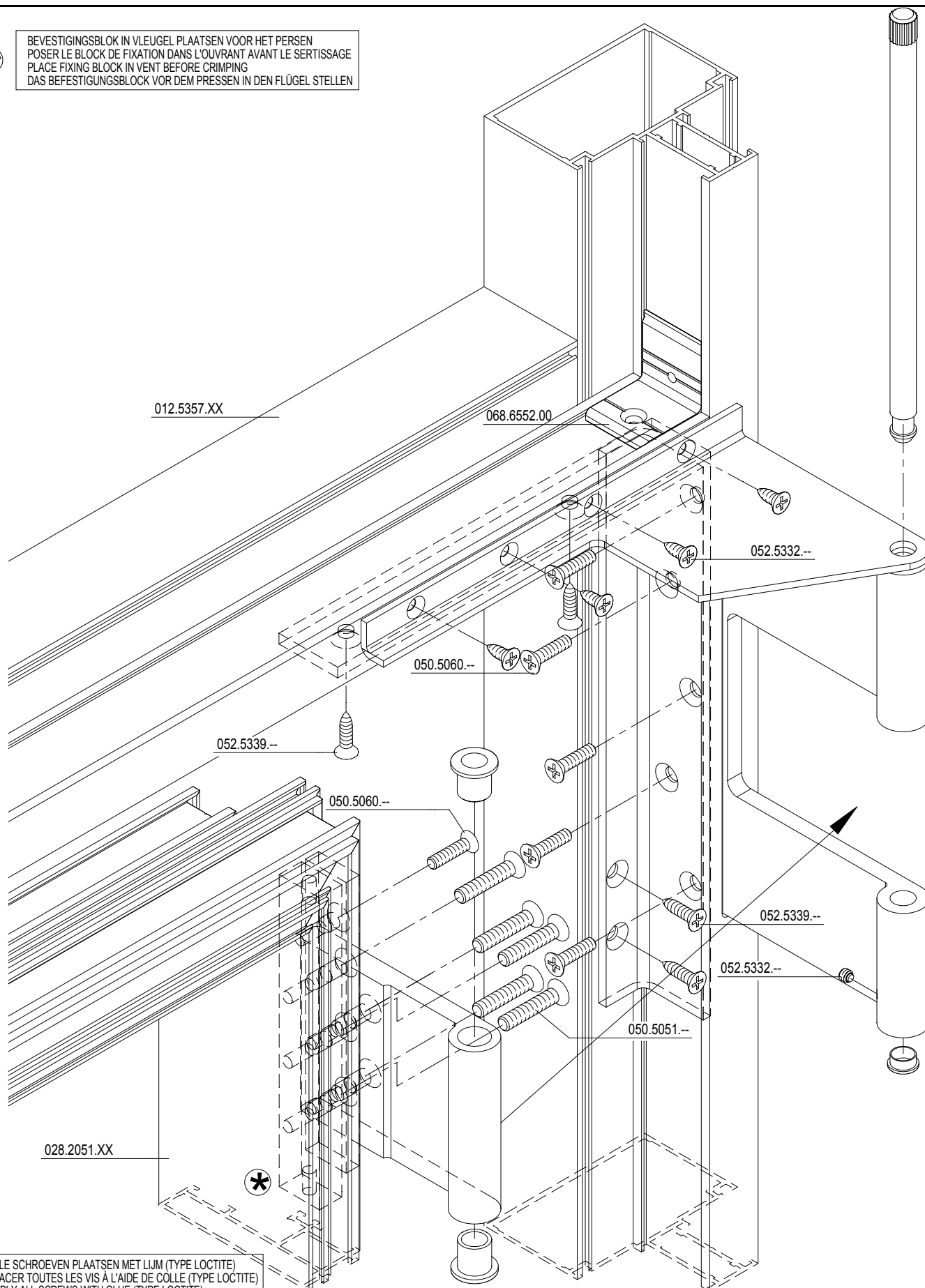
ALLE SCHROEVEN PLAATSEN MET LIJM (TYPE LOCTITE)
PLACER TOUTES LES VIS À L'AIDE DE COLLE (TYPE LOCTITE)
APPLY ALL SCREWS WITH GLUE (TYPE LOCTITE)
ALLE SCHRAUBEN MITTELS LEIM ANWENDEN (TYP LOCTITE)



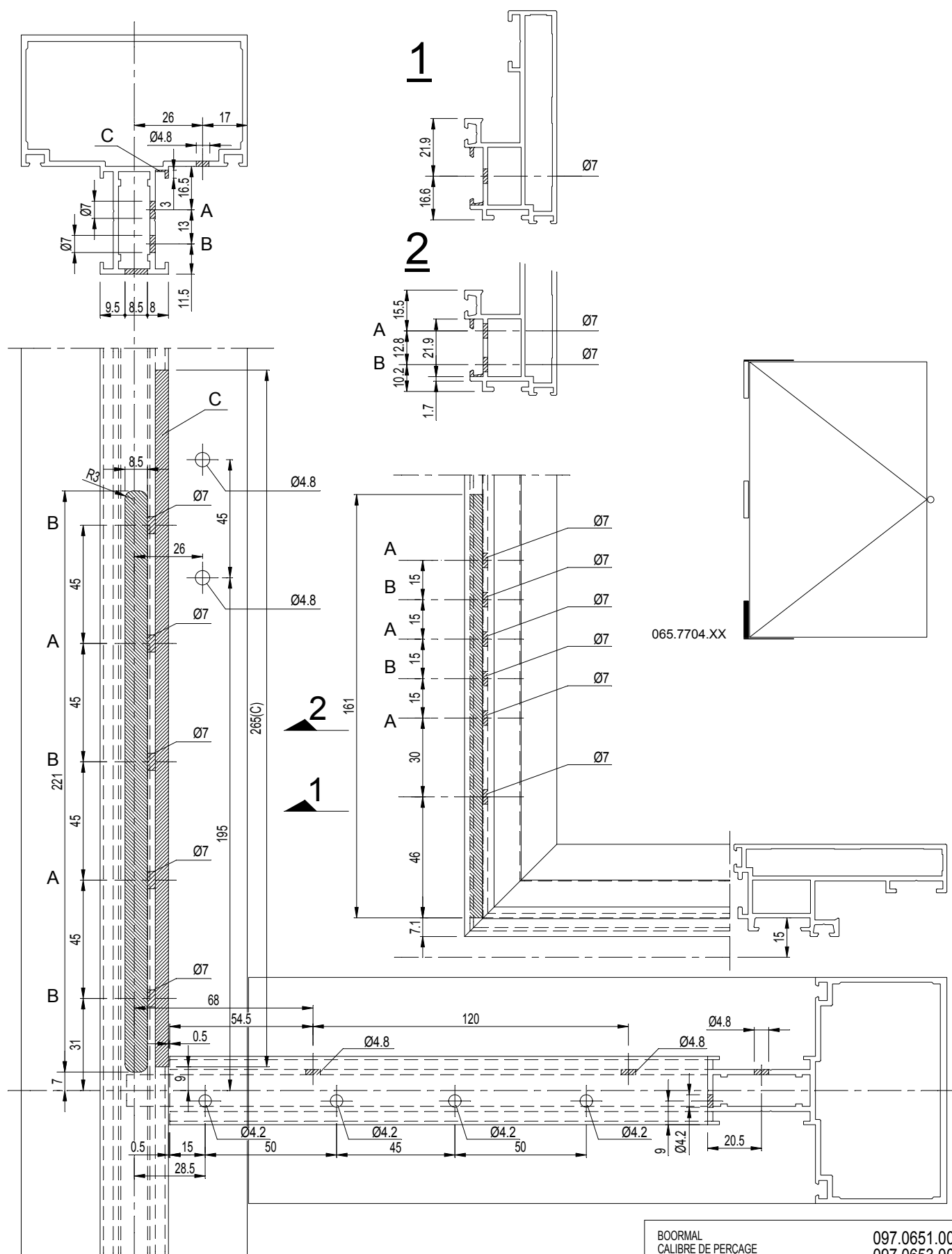




BEVESTIGINGSBLOK IN VLEUGEL PLAATSEN VOOR HET PERSEN
POSER LE BLOCK DE FIXATION DANS L'OUVRANT AVANT LE SERTISSAGE
PLACE FIXING BLOCK IN VENT BEFORE CRIMPING
DAS BEFESTIGUNGSBLOCK VOR DEM PRESSEN IN DEN FLÜGEL STELLEN



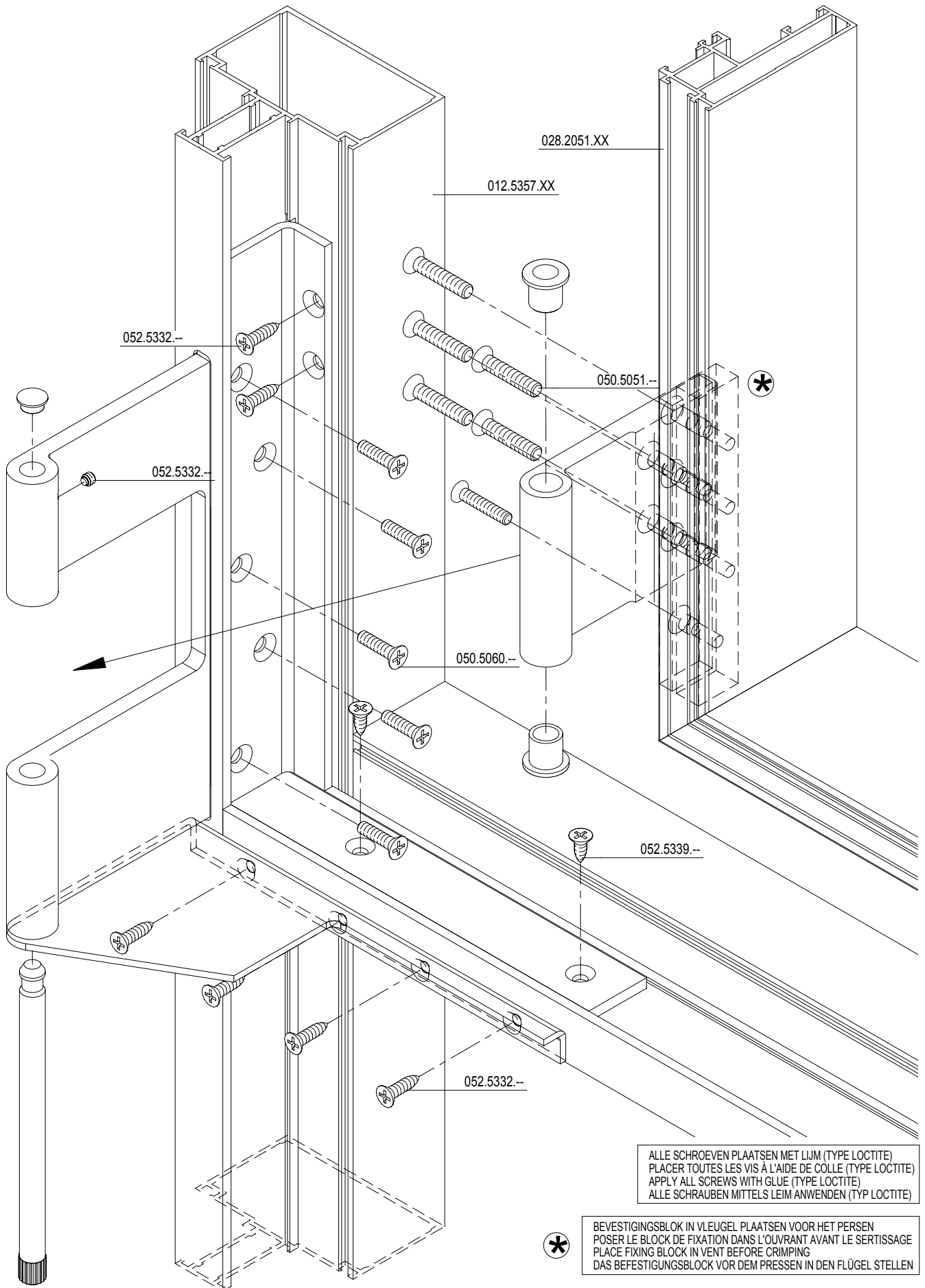
ALLE SCHROEVEN PLAATSEN MET LIJM (TYPE LOCTITE)
PLACER TOUTES LES VIS À L'AIDE DE COLLE (TYPE LOCTITE)
APPLY ALL SCREWS WITH GLUE (TYPE LOCTITE)
ALLE SCHRAUBEN MITTELS LEIM ANWENDEN (TYP LOCTITE)

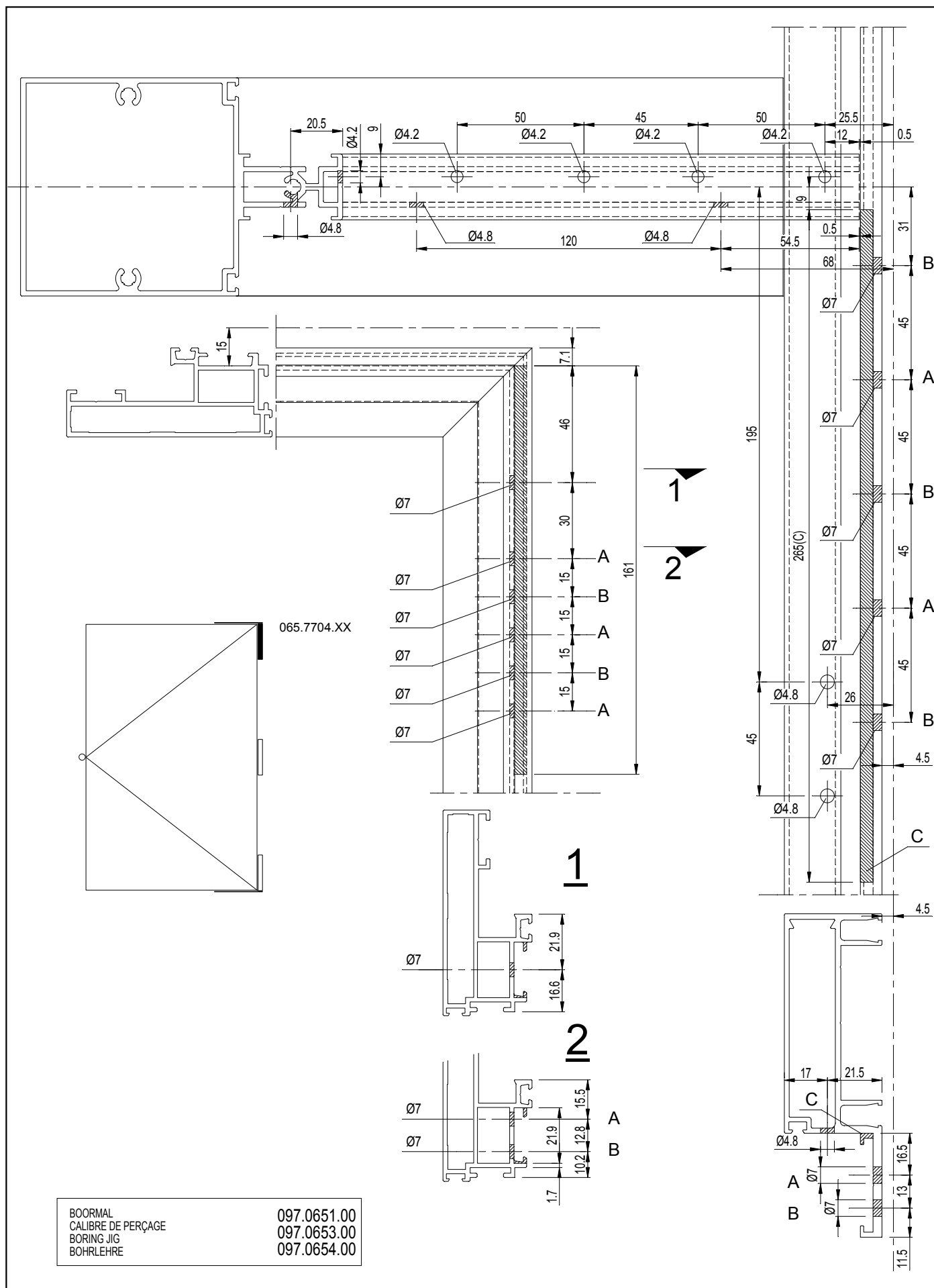


BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

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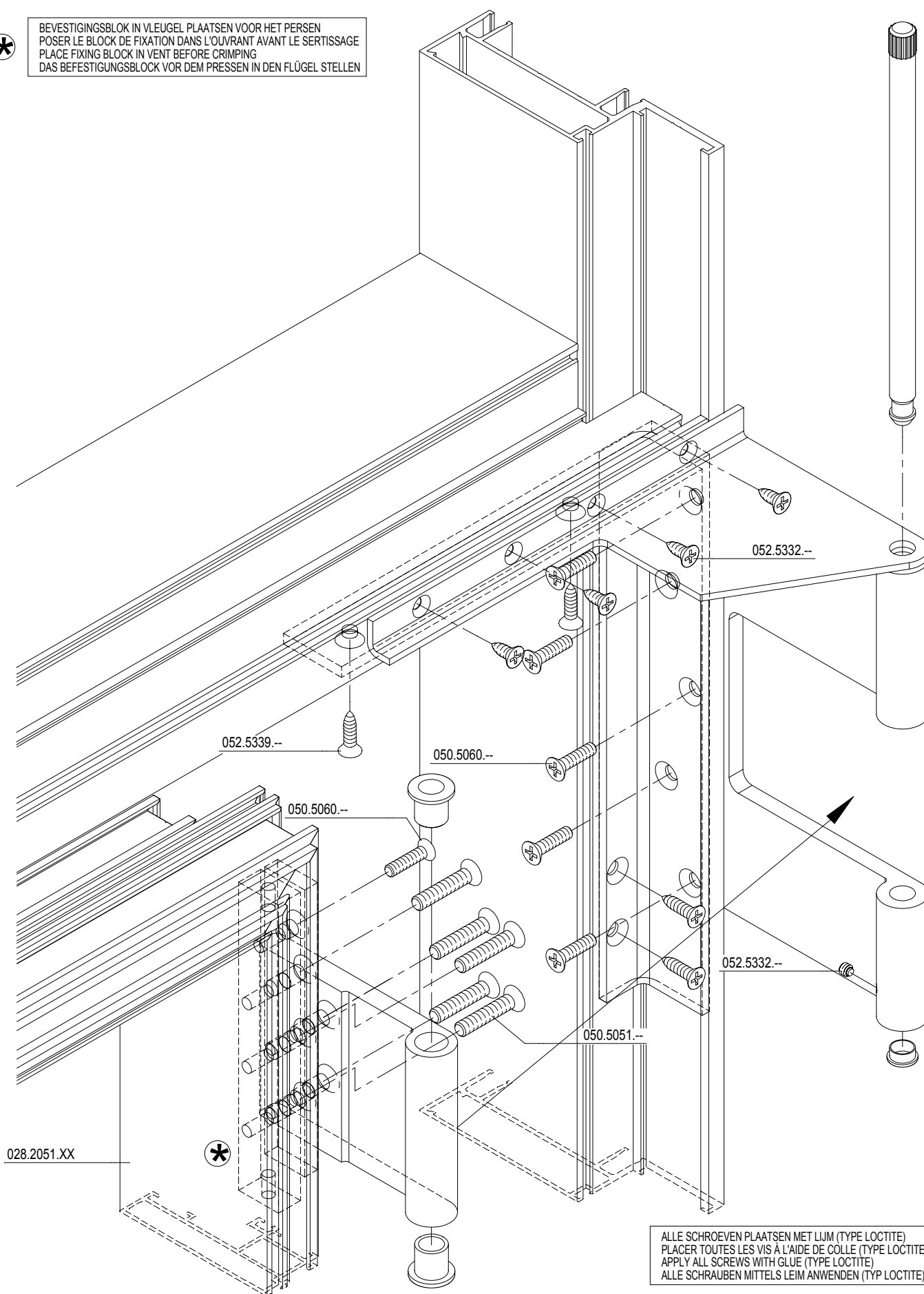
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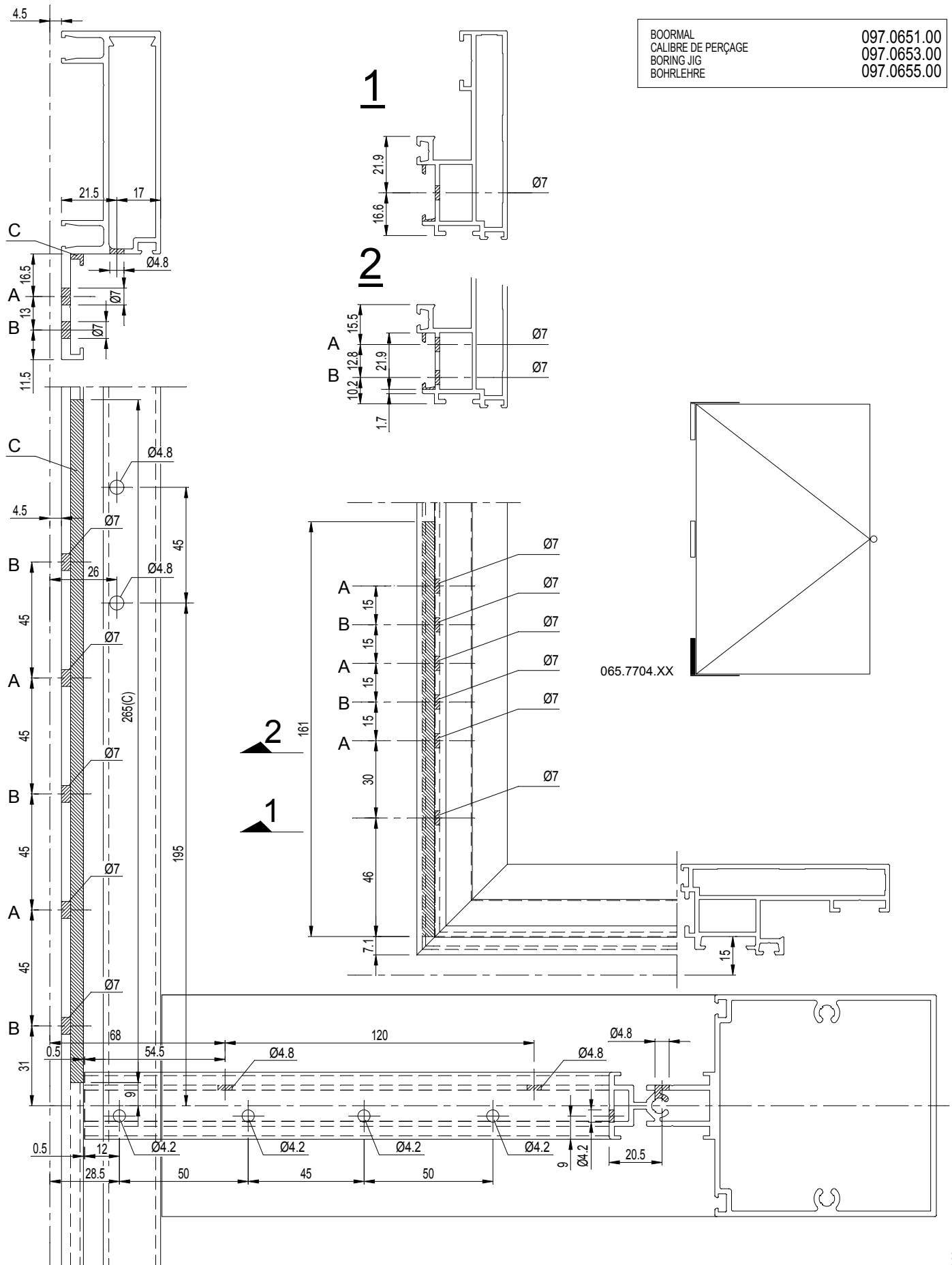


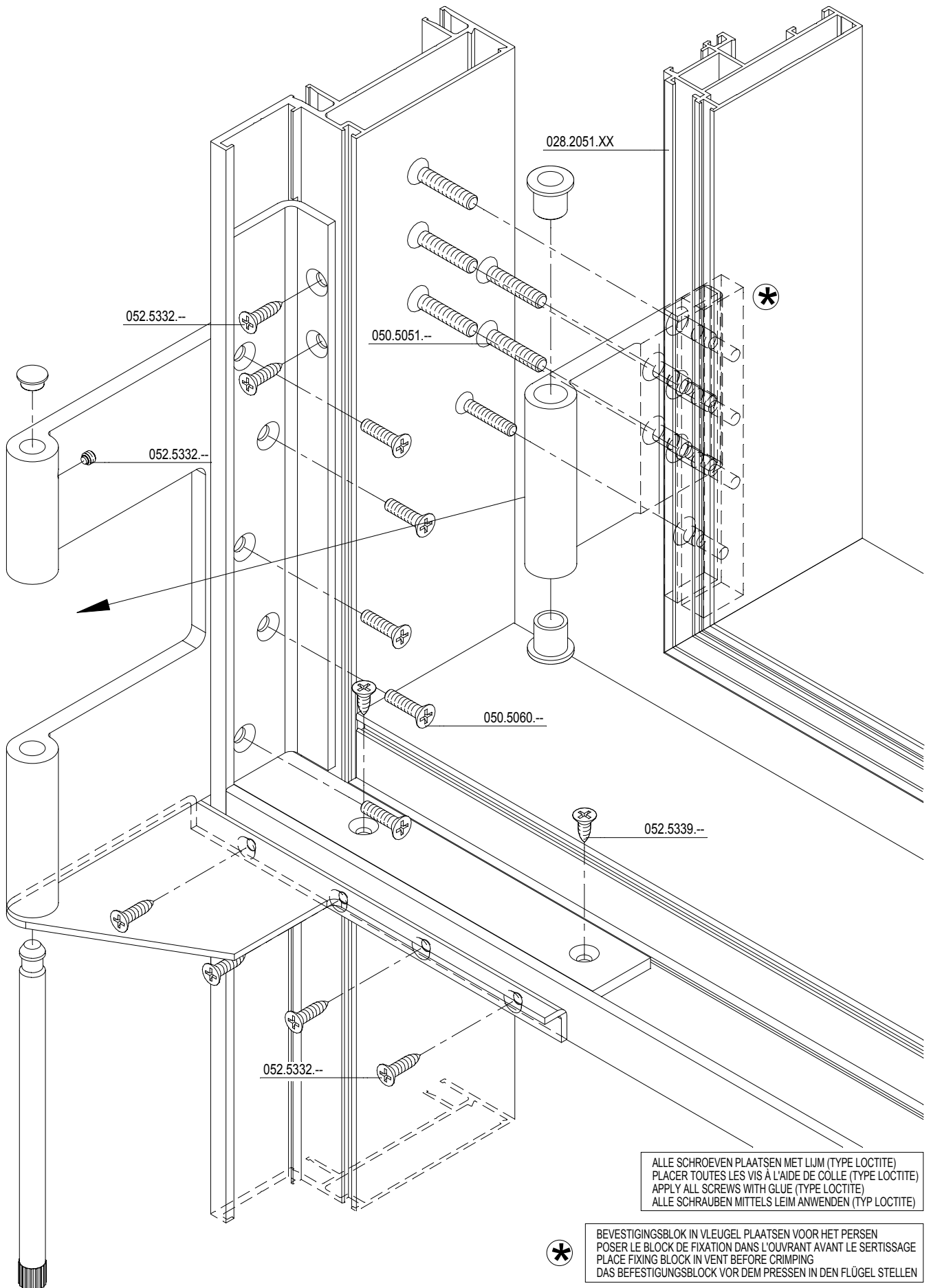


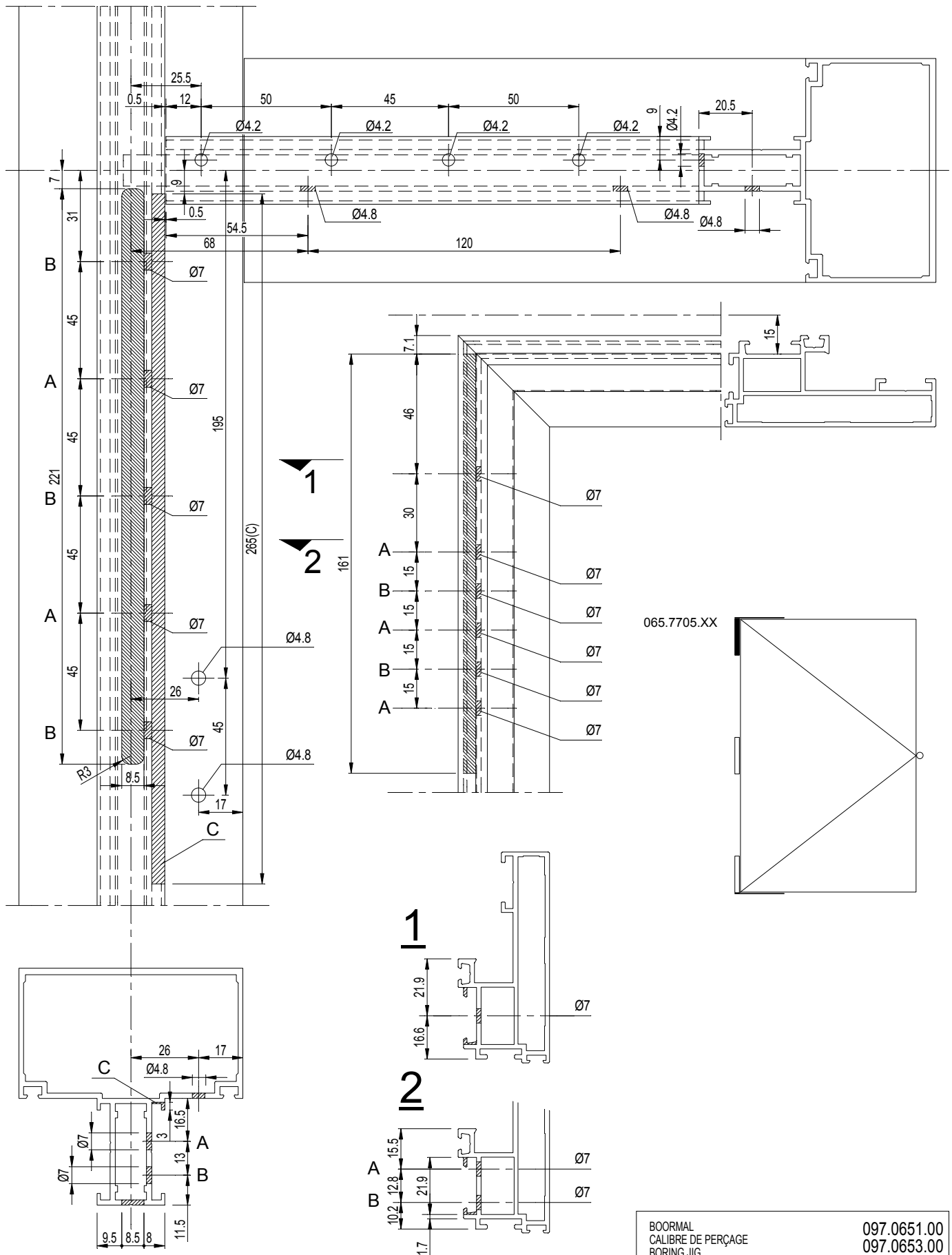
BEVESTIGINGSBLOK IN VLEUGEL PLAATSEN VOOR HET PERSEN
POSER LE BLOCK DE FIXATION DANS L'OUVRANT AVANT LE SERTISSAGE
PLACE FIXING BLOCK IN VENT BEFORE CRIMPING
DAS BEFESTIGUNGSBLOCK VOR DEM PRESSEN IN DEN FLÜGEL STELLEN



ALLE SCHROEVEN PLAATSEN MET LIJM (TYPE LOCTITE)
PLACER TOUTES LES VIS À L'AIDE DE COLLE (TYPE LOCTITE)
APPLY ALL SCREWS WITH GLUE (TYPE LOCTITE)
ALLE SCHRAUBEN MITTELS LEIM ANWENDEN (TYP LOCTITE)

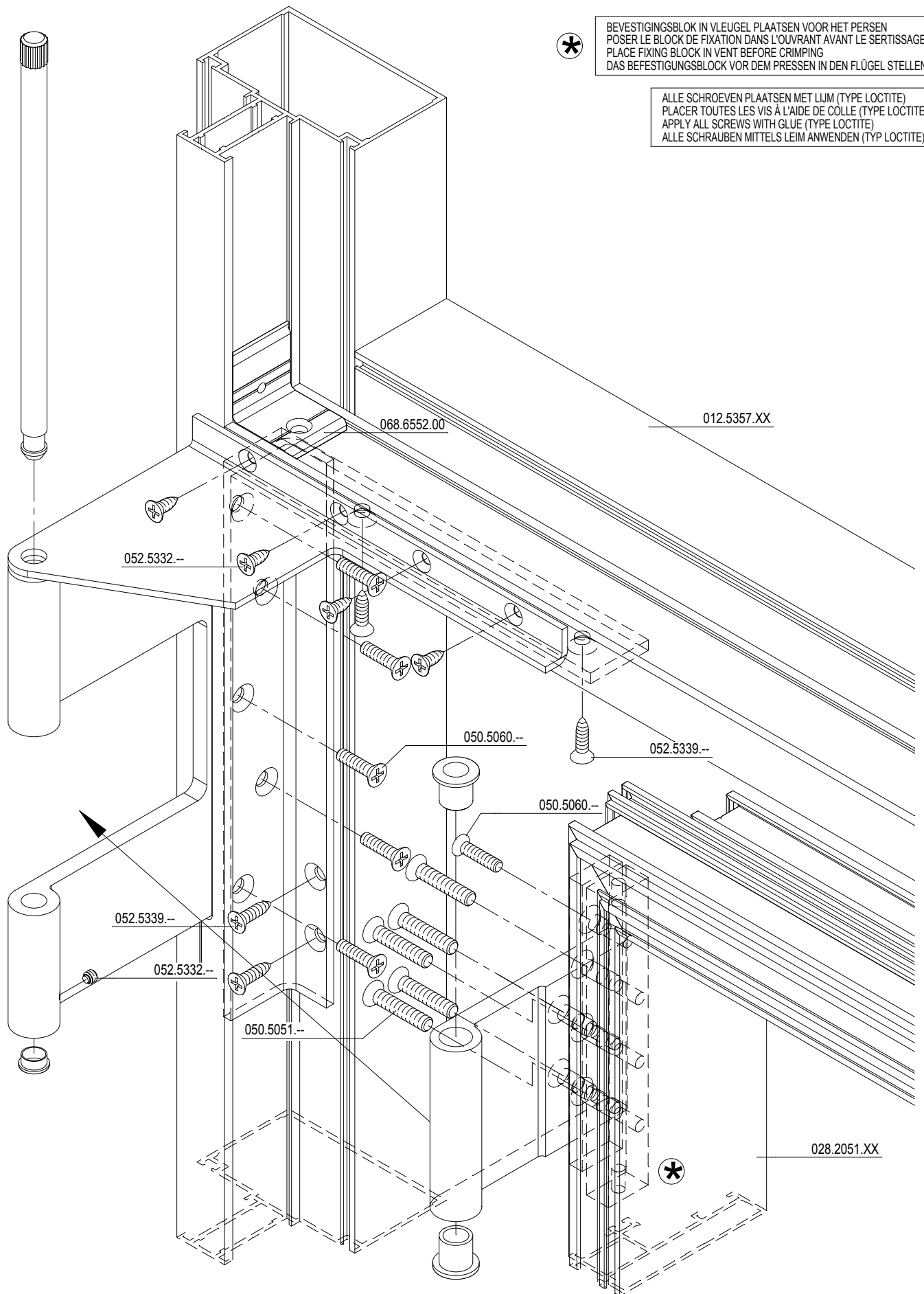


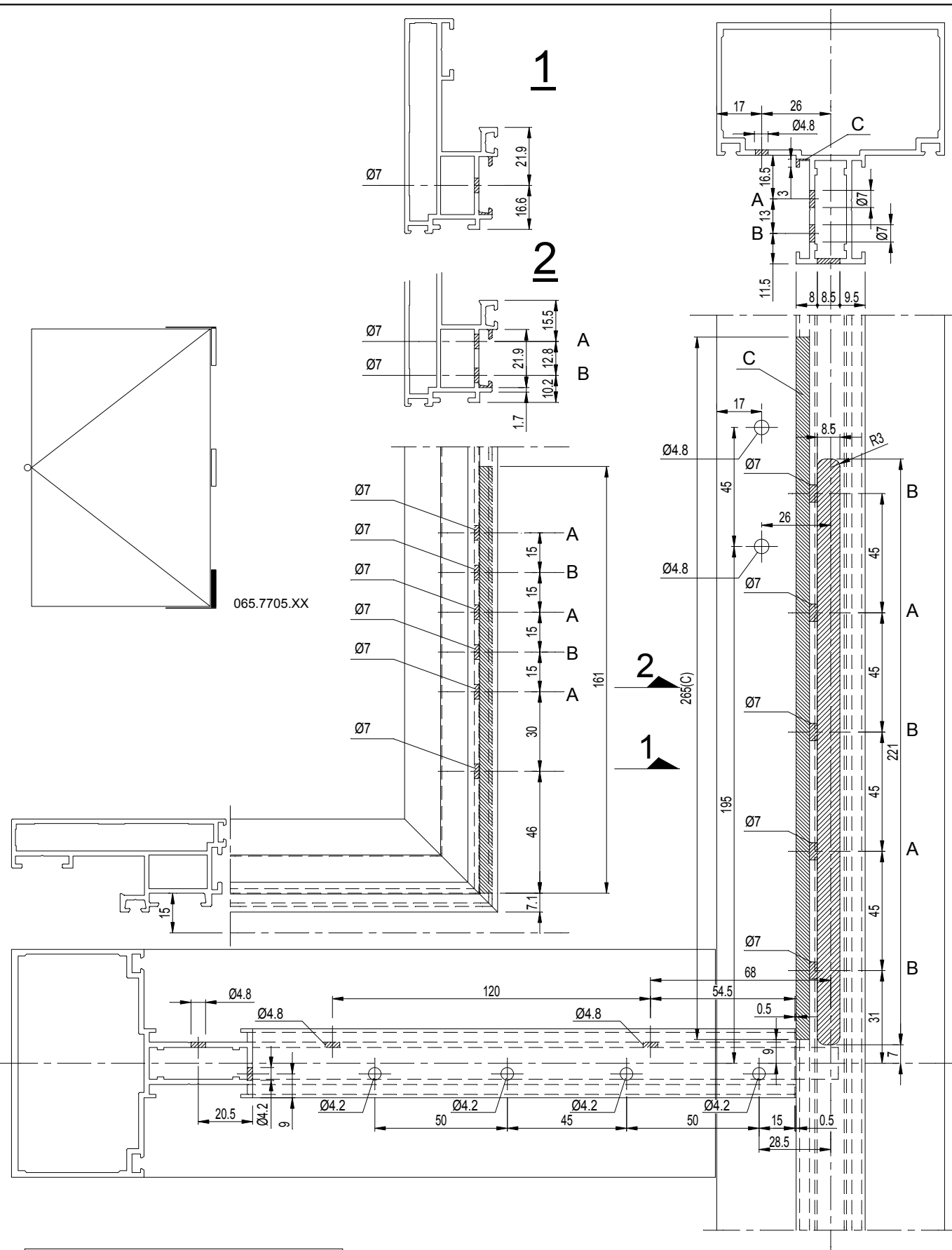




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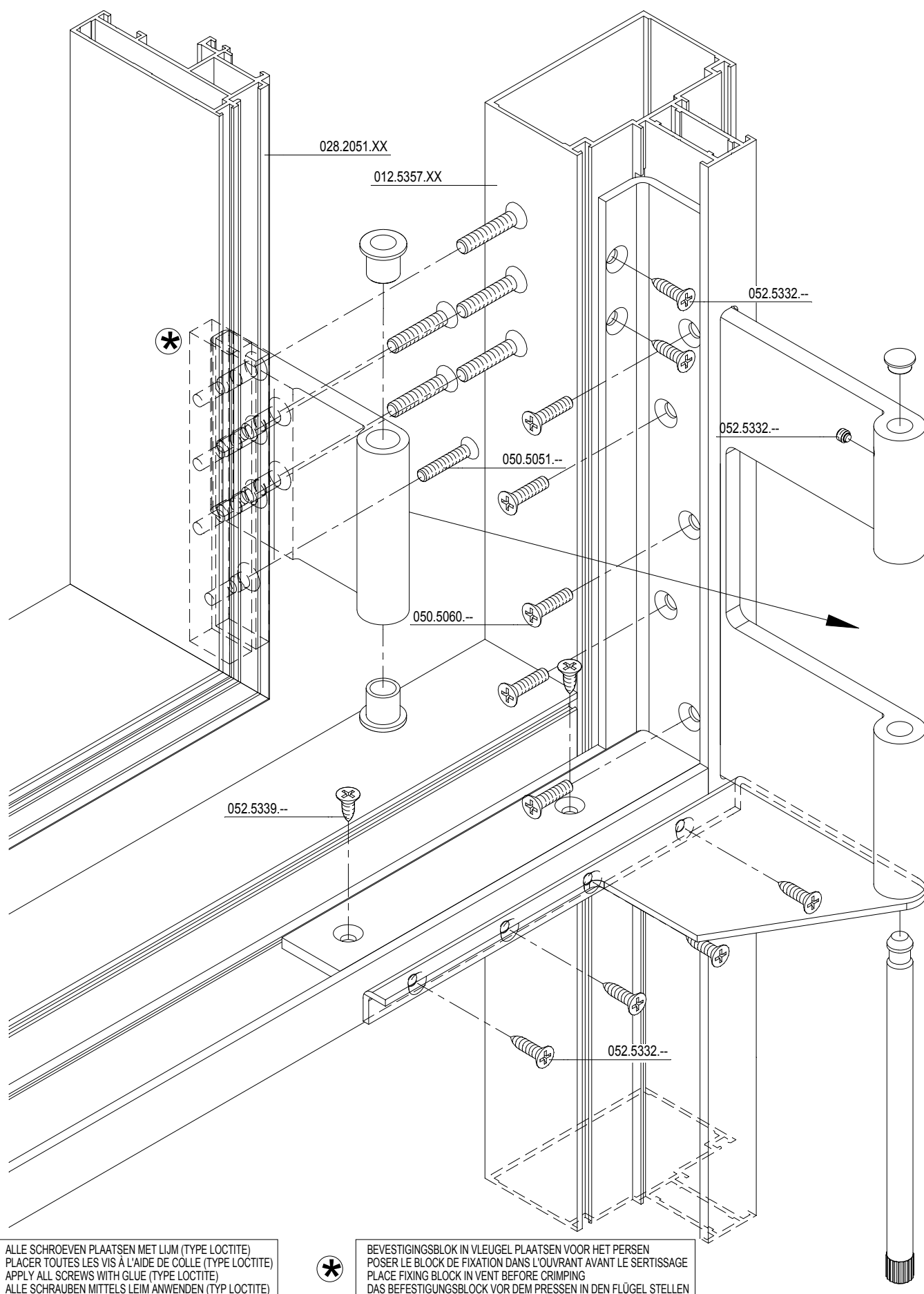
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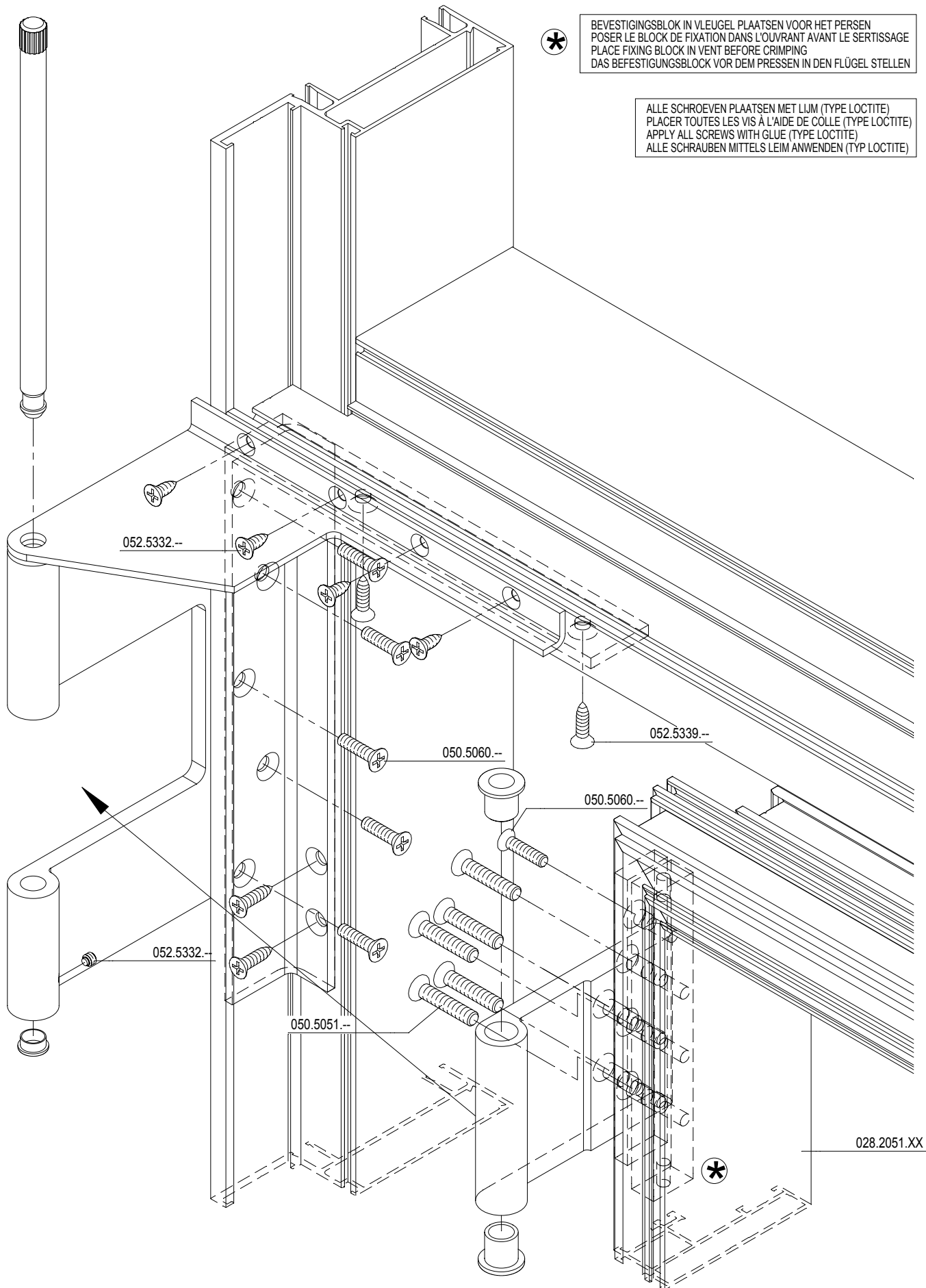


BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

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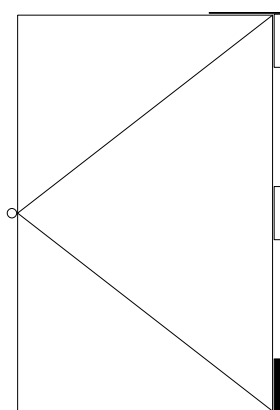
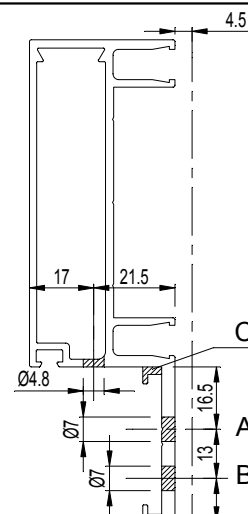
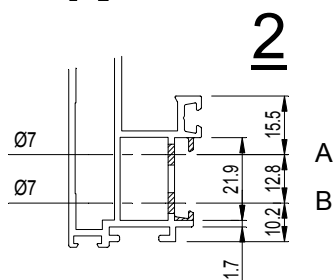
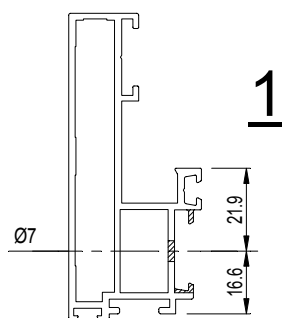




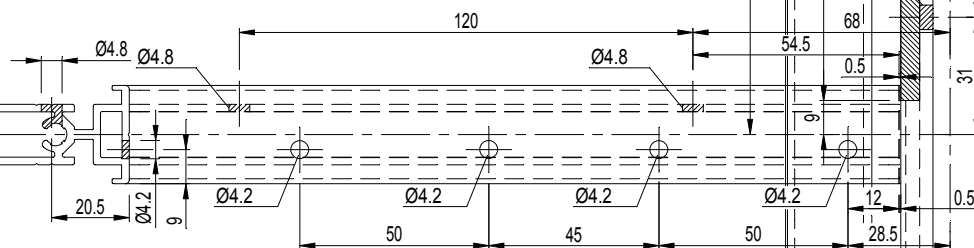
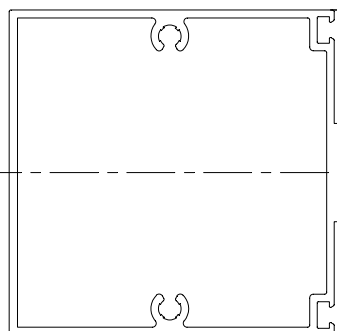
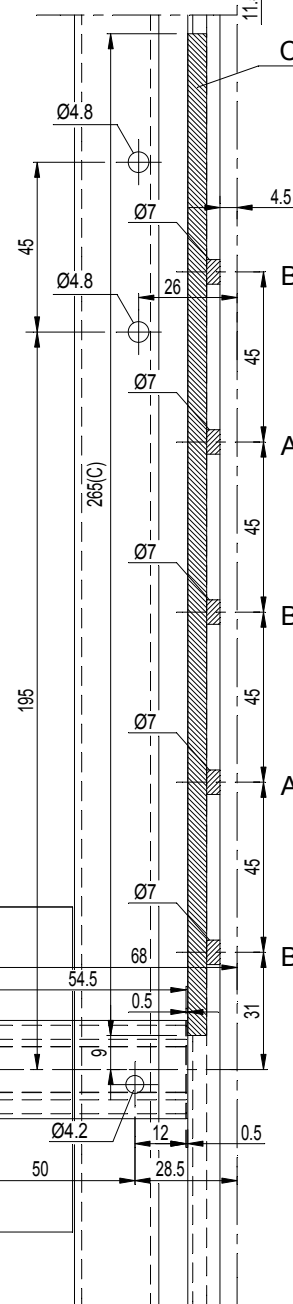
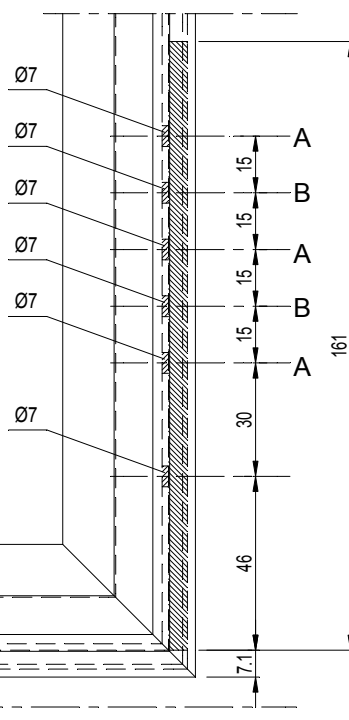


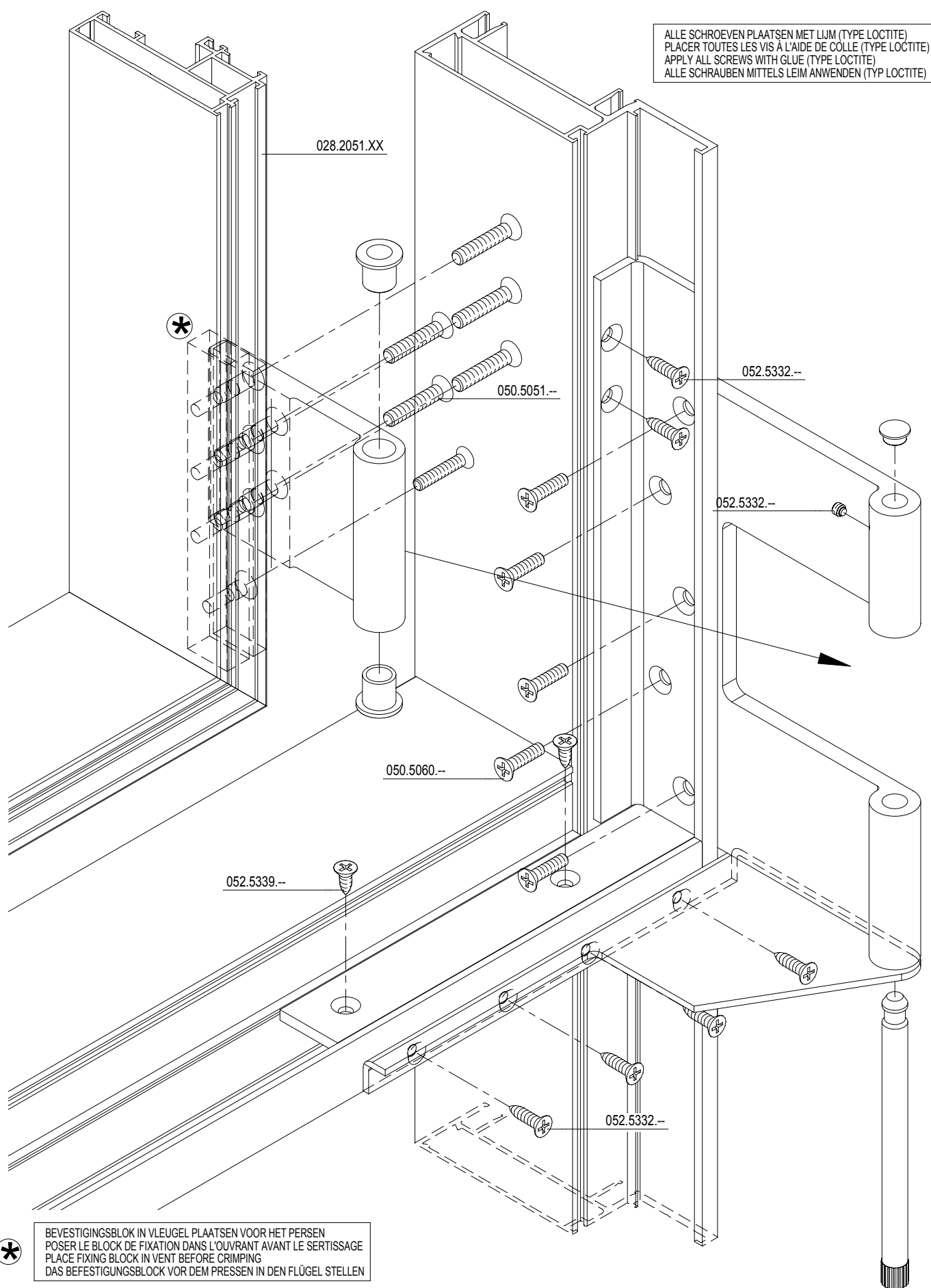
BOORMAL
CALIBRE DE PERÇAGE
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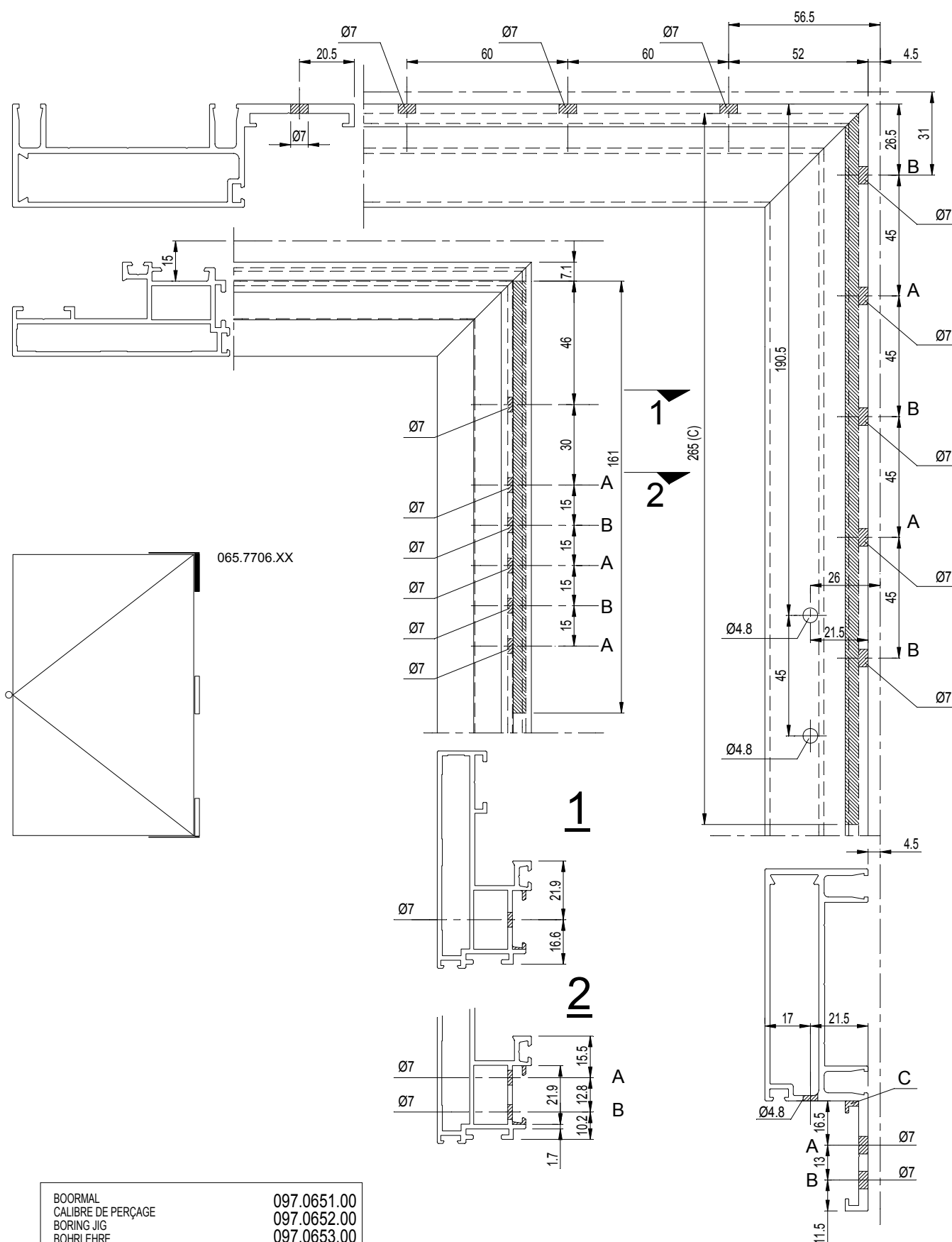
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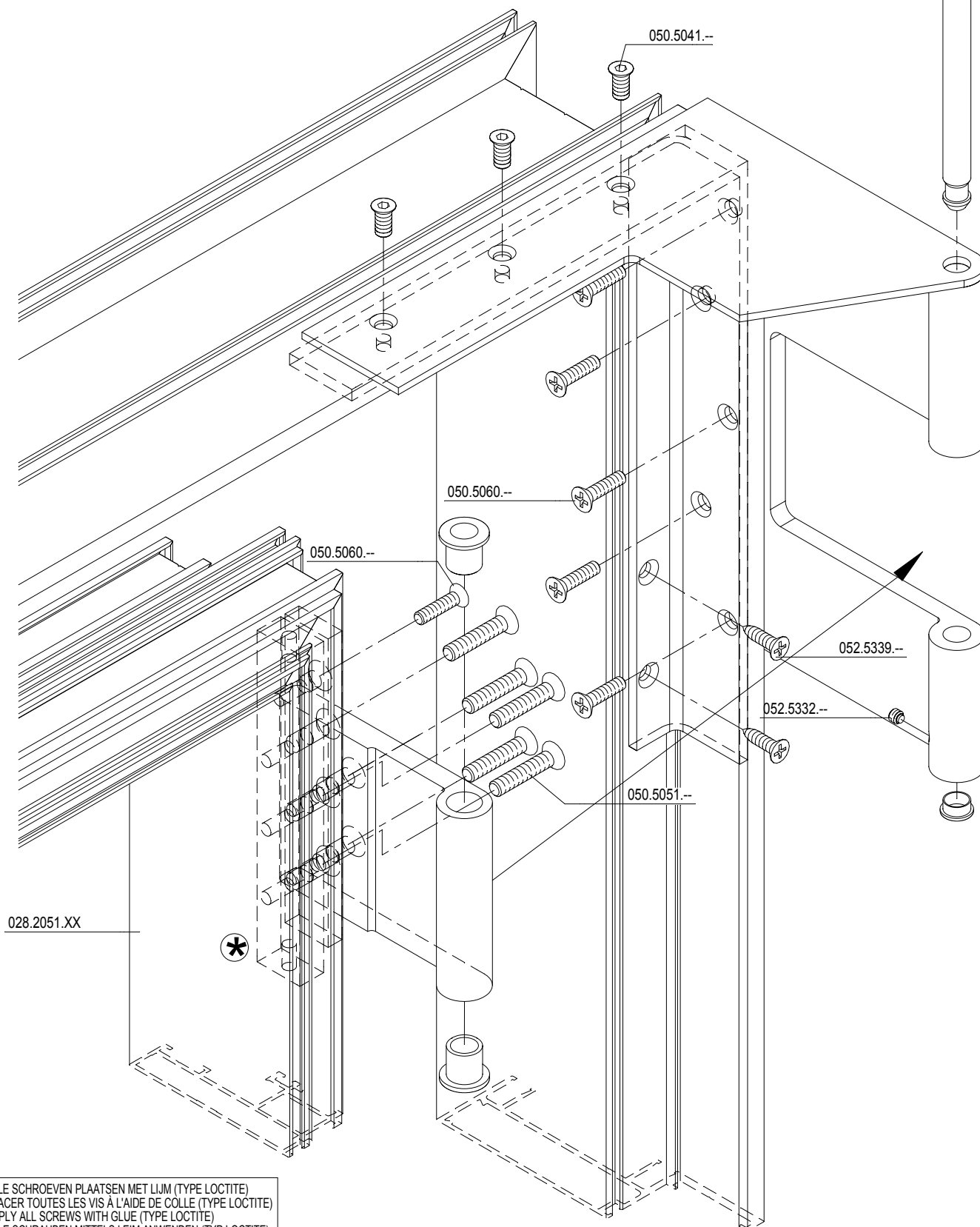




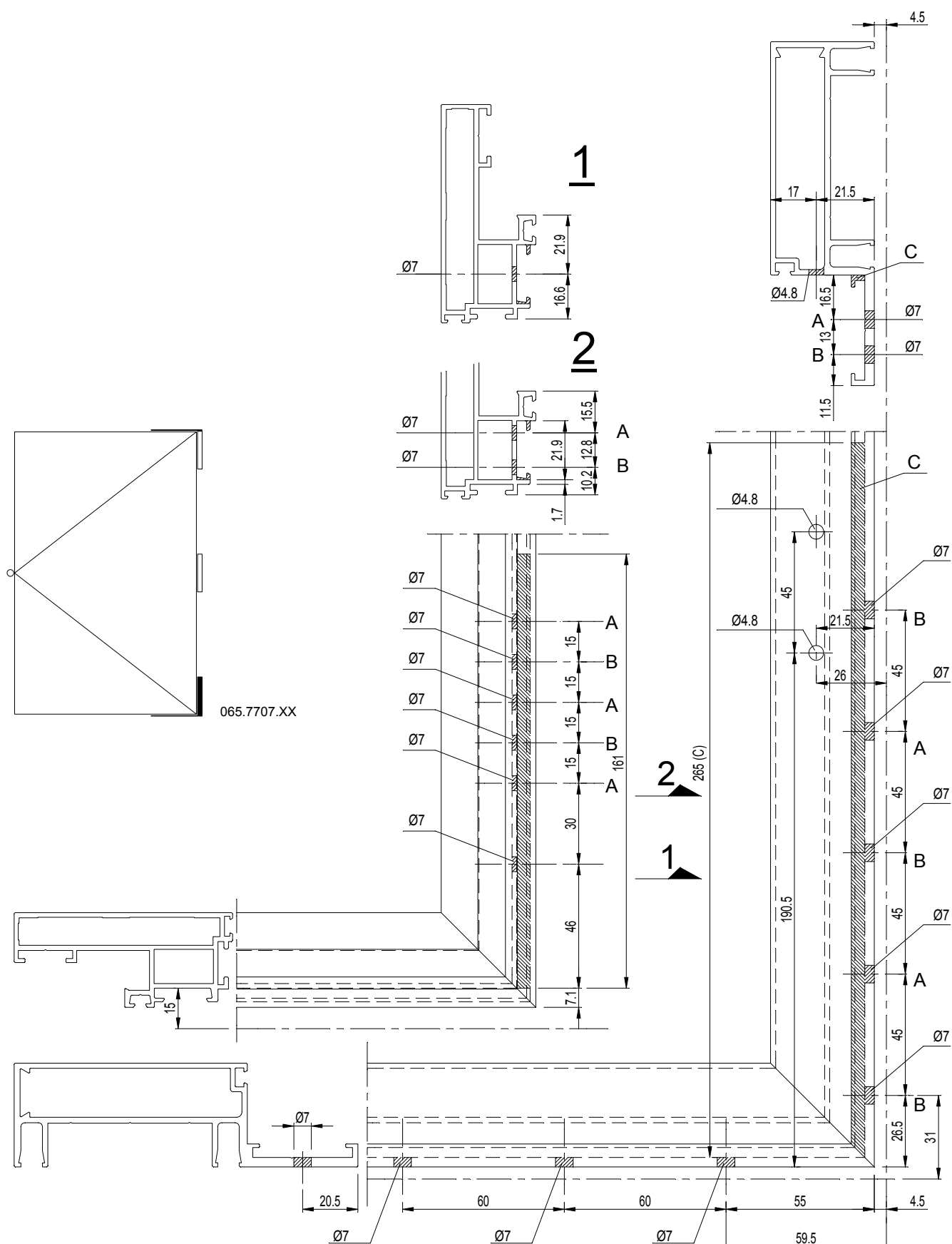
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CALIBRE DE PERÇAGE	097.0652.00
BORING JIG	097.0653.00
BOHRLEHRE	



BEVESTIGINGSBLOK IN VLEUGEL PLAATSEN VOOR HET PERSEN
POSER LE BLOCK DE FIXATION DANS L'OUVRANT AVANT LE SERTISSAGE
PLACE FIXING BLOCK IN VENT BEFORE CRIMPING
DAS BEFESTIGUNGSBLOCK VOR DEM PRESSEN IN DEN FLÜGEL STELLEN

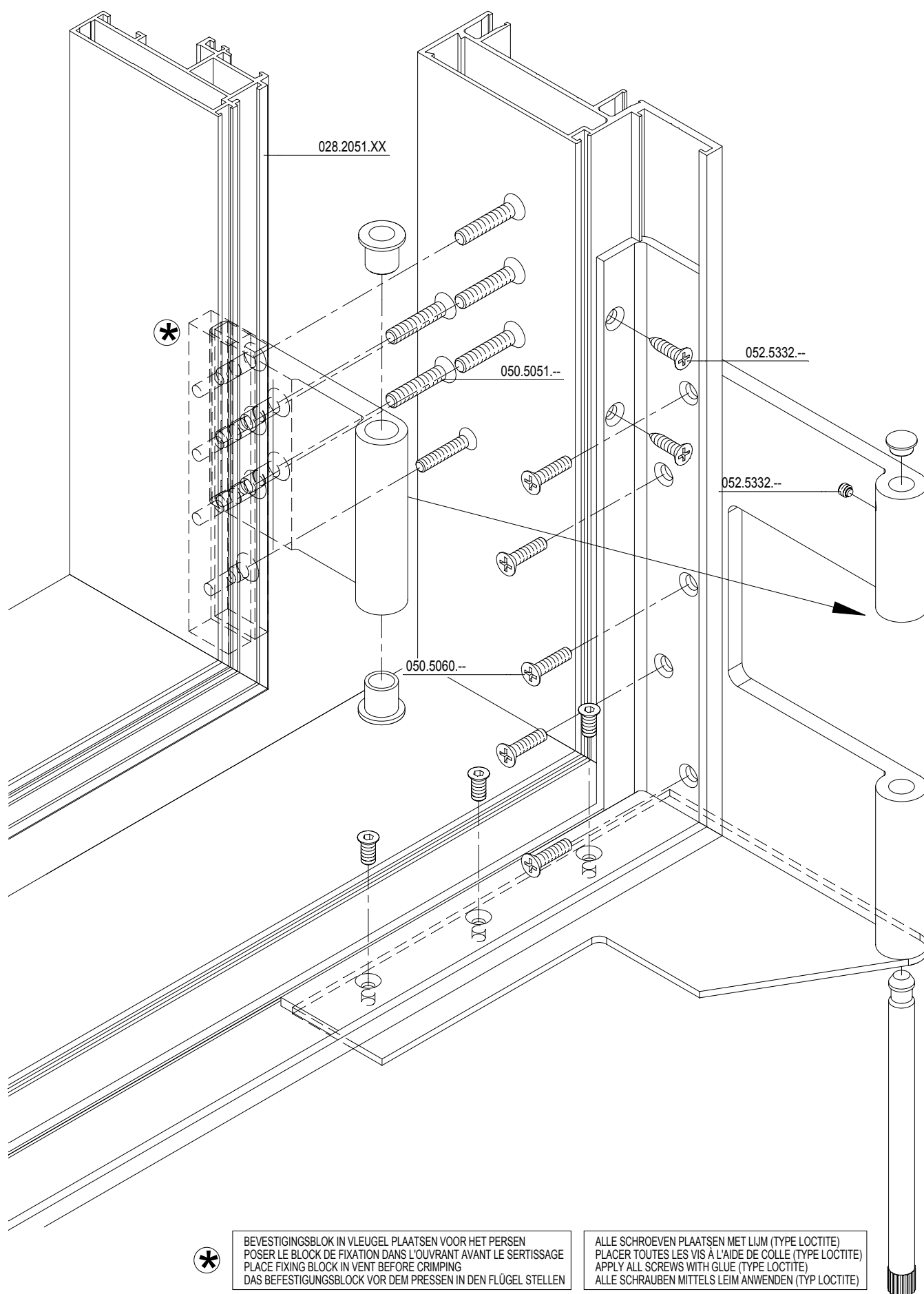


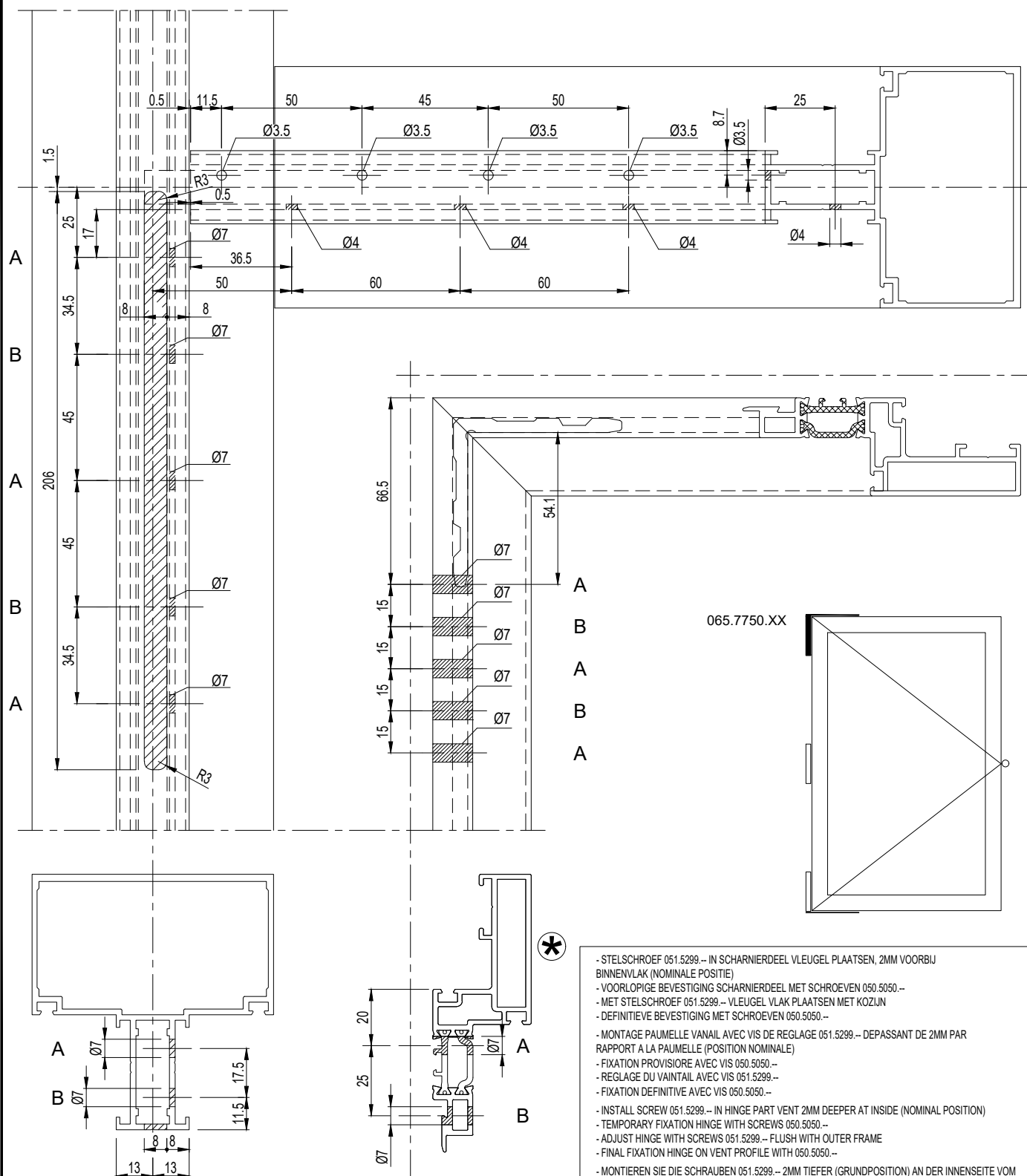
ALLE SCHROEVEN PLAATSEN MET LIJM (TYPE LOCTITE)
PLACER TOUTES LES VIS À L'AIDE DE COLLE (TYPE LOCTITE)
APPLY ALL SCREWS WITH GLUE (TYPE LOCTITE)
ALLE SCHRAUBEN MITTELS LEIM ANWENDEN (TYP LOCTITE)



BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

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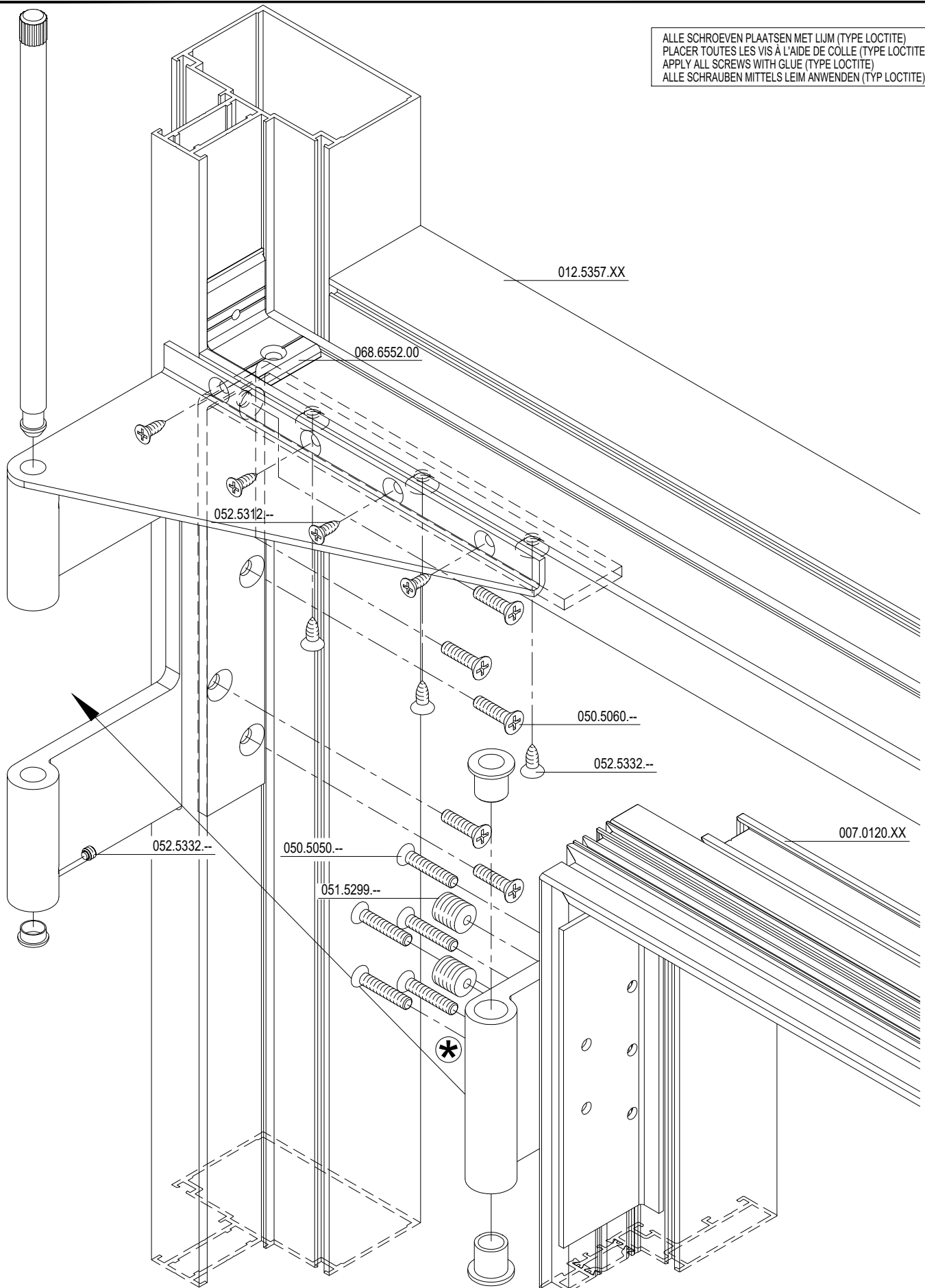




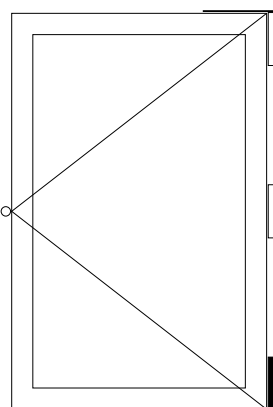
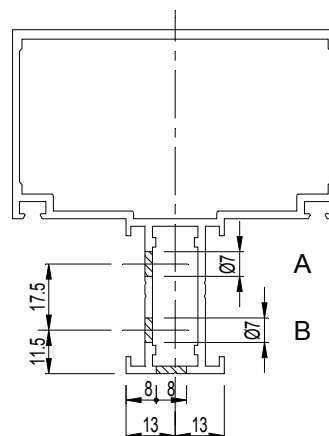
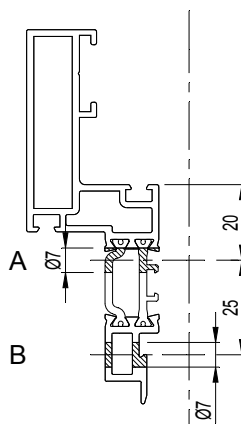
- STELSCHROEF 051.5299.-- IN SCHARNIERDEEL VLEUGEL PLAATSEN, 2MM VOORBUJ BINNENVLAK (NOMINALE POSITIE)
- VOORLOPIGE BEVESTIGING SCHARNIERDEEL MET SCHROEVEN 050.5050.--
- MET STELSCHROEF 051.5299.-- VLEUGEL VLAK PLAATSEN MET KOZIJN
- DEFINITIEVE BEVESTIGING MET SCHROEVEN 050.5050.--
- MONTAGE PAUMELLE VANAIL AVEC VIS DE REGLAGE 051.5299.-- DEPASSANT DE 2MM PAR RAPPORT A LA PAUMELLE (POSITION NOMINALE)
- FIXATION PROVISOIRE AVEC VIS 050.5050.--
- REGLAGE DU VAINTAIL AVEC VIS 051.5299.--
- FIXATION DEFINITIVE AVEC VIS 050.5050.--
- INSTALL SCREW 051.5299.-- IN HINGE PART VENT 2MM DEEPER AT INSIDE (NOMINAL POSITION)
- TEMPORARY FIXATION HINGE WITH SCREWS 050.5050.--
- ADJUST HINGE WITH SCREWS 051.5299.-- FLUSH WITH OUTER FRAME
- FINAL FIXATION HINGE ON VENT PROFILE WITH 050.5050.--
- MONTEREN SI DE SCHRAUBEN 051.5299.-- 2MM DIEFER (GRUNDPOSITION) AN DER INNENSEITE VOM BANDLAPPEN DES FLÜGELS
- BEFESTIGEN SI DES BAND ERST PROVVISORISCH MIT DEN SCHRAUBEN 050.5050.--
- JUSTIEREN SI DAS BAND MIT DEN SCHRAUBEN 051.5299.-- BÜNDIG AN DER INNENSEITE DES RAHMENS
- FIXIEREN SI ANSCHLIEßEND DAS BAND MIT DEN SCHRAUBEN 050.5050.--

BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

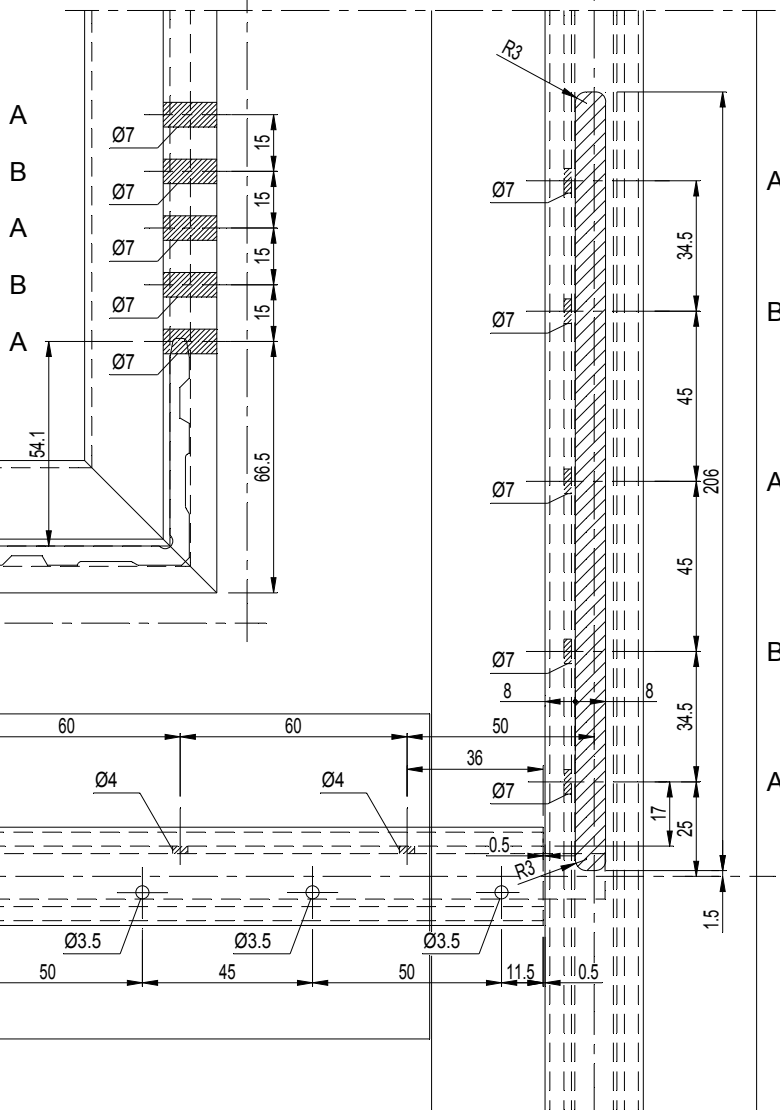
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- STELSCHROEF 051.5299.- IN SCHARNIERDEEL VLEUGEL PLAATSEN, 2MM VOORBUJ BINNENVLAK (NOMINALE POSITIE)
- VOORLOPIGE BEVESTIGING SCHARNIERDEEL MET SCHROEVEN 050.5050.--
- MET STELSCHROEF 051.5299.- VLEUGEL VLAK PLAATSEN MET KOZJUN
- DEFINITIEVE BEVESTIGING MET SCHROEVEN 050.5050.--
- MONTAGE PAUMELLE VANTAIL AVEC VIS DE REGLAGE 051.5299.-- DEPASSANT DE 2MM PAR RAPPORT A LA PAUMELLE (POSITION NOMINALE)
- FIXATION PROVISIOIRE AVEC VIS 050.5050.--
- REGLAGE DU VANTAIL AVEC VIS 051.5299.--
- FIXATION DEFINITIVE AVEC VIS 050.5050.--
- INSTALL SCREW 051.5299.- IN HINGE PART VENT 2MM DEEPER AT INSIDE (NOMINAL POSITION)
- TEMPORARY FIXATION HINGE WITH SCREWS 050.5050.--
- ADJUST HINGE WITH SCREWS 051.5299.- FLUSH WITH OUTER FRAME
- FINAL FIXATION HINGE ON VENT PROFILE WITH 050.5050.--
- MONTEREN SIE DIE SCHRAUBEN 051.5299.- 2MM TIEFER (GRUNDPOSITION) AN DER INNENSEITE VOM BANDLAPPEN DES FLÜGELS
- BEFESTIGEN SIE DAS BAND ERST PROVISORISCH MIT DEN SCHRAUBEN 050.5050.--
- JUSTIEREN SIE DAS BAND MIT DEN SCHRAUBEN 051.5299.- BÜNDIG AN DER INNENSEITE DES RAHMENS
- FIXIEREN SIE ANSCHLIEßEND DAS BAND FLÜGEL MIT DEN SCHRAUBEN 050.5050.--



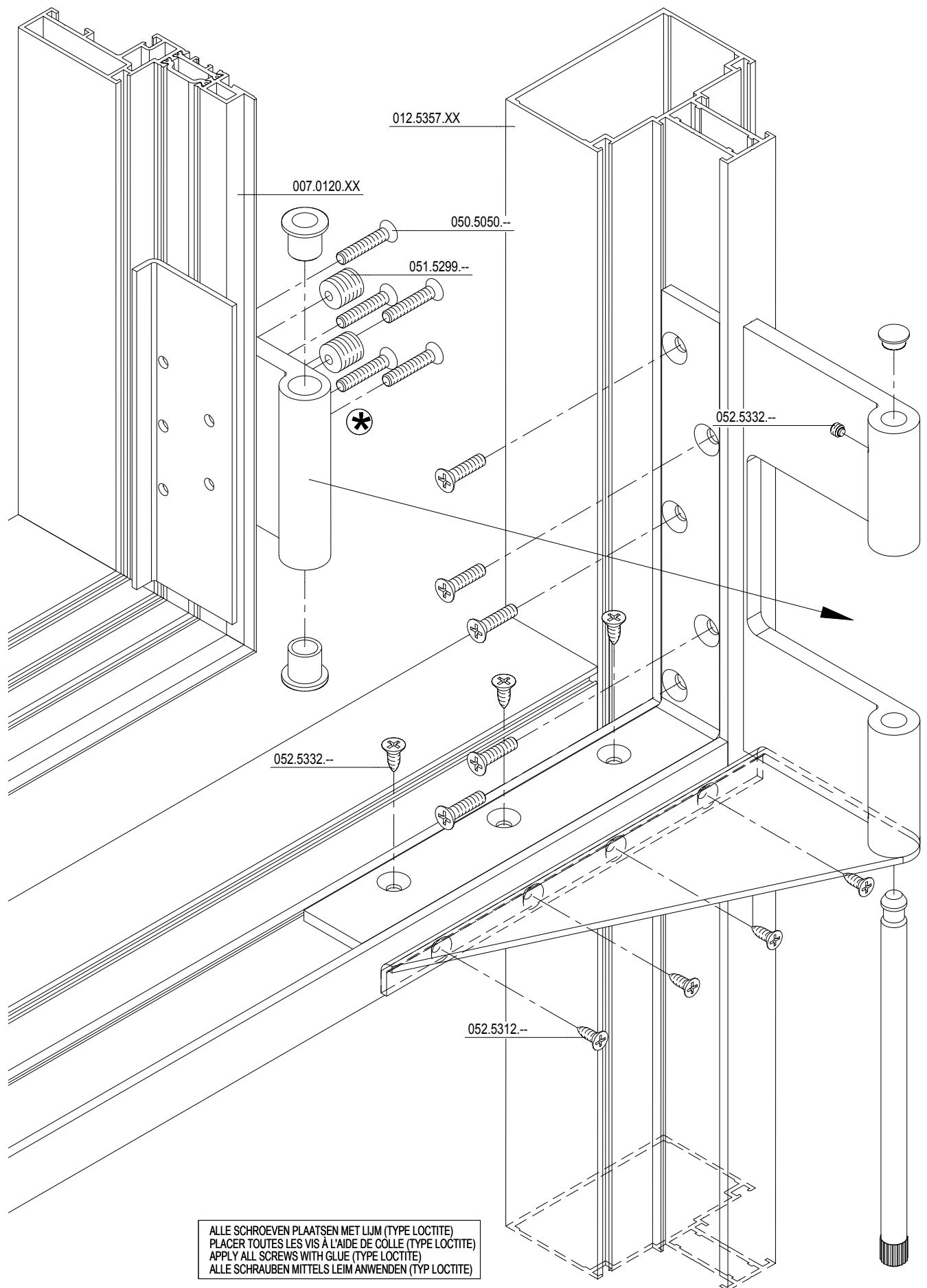
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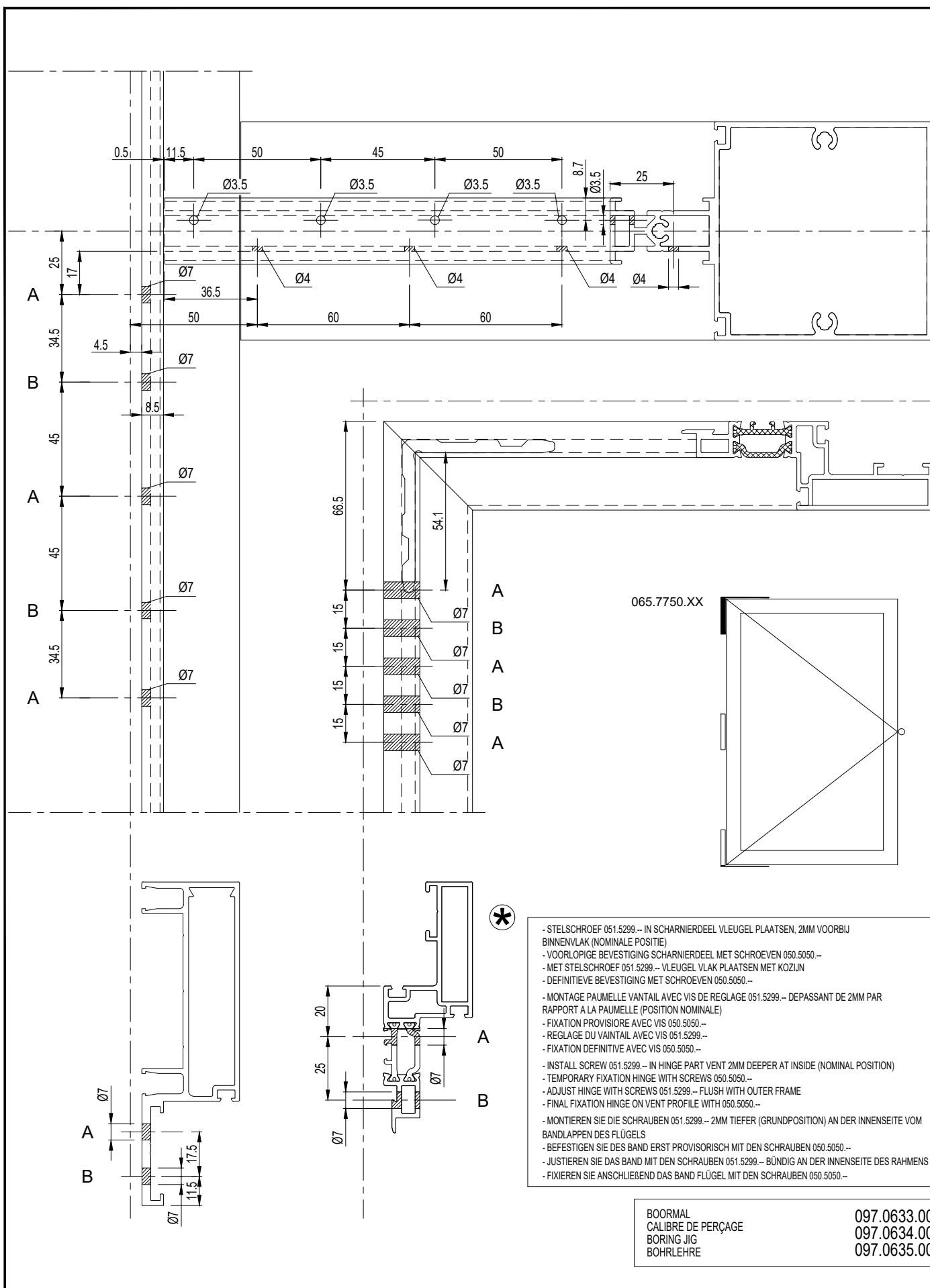


BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

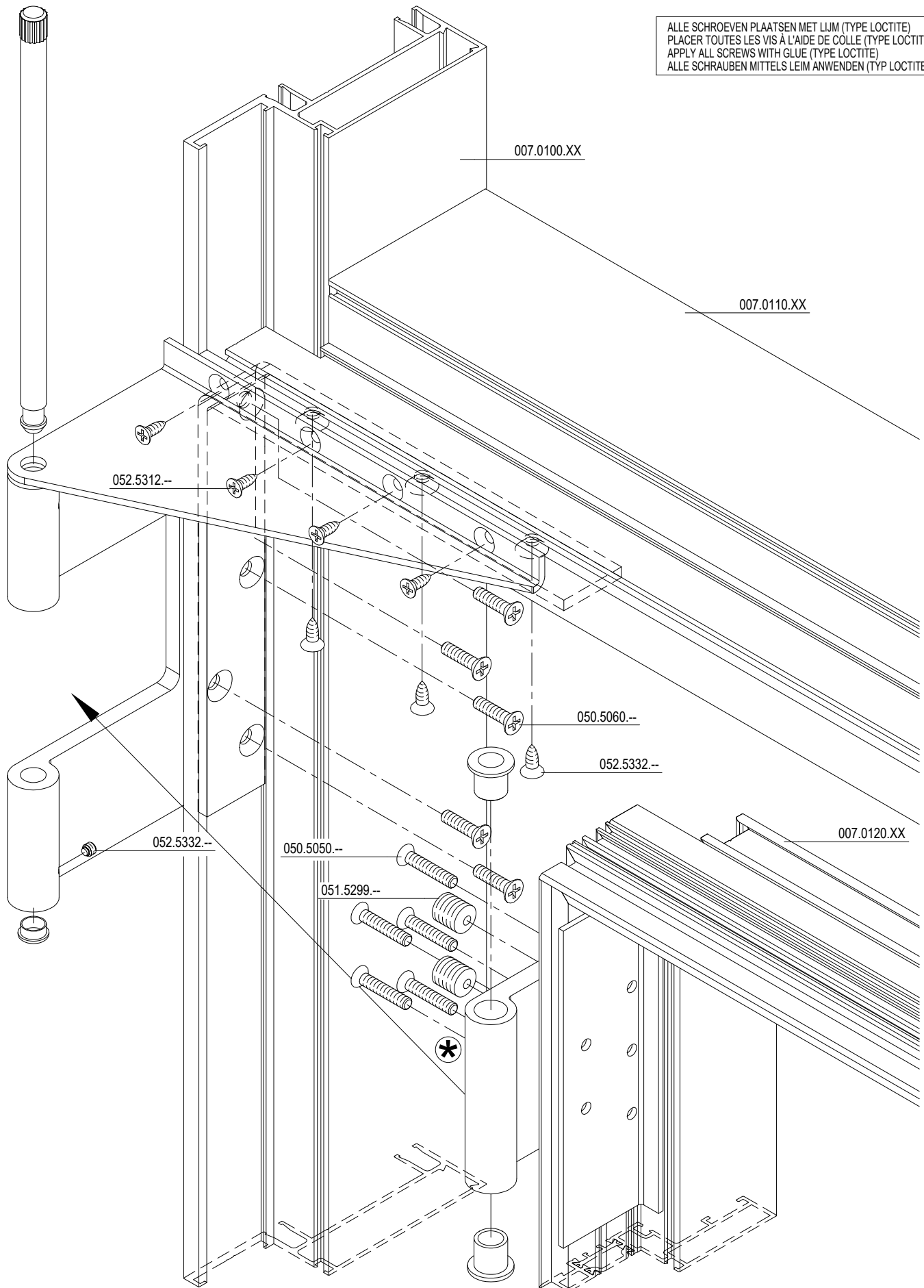
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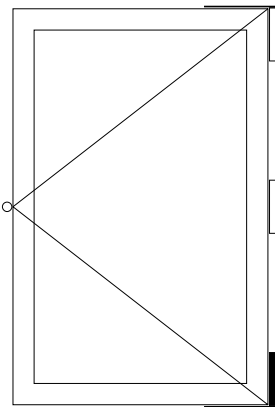
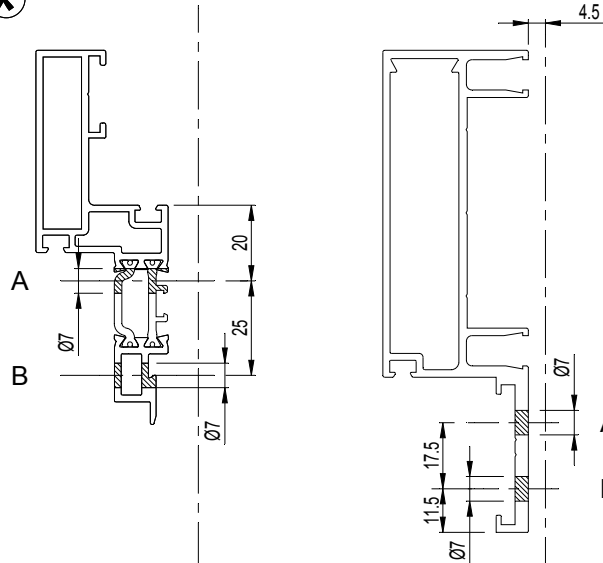




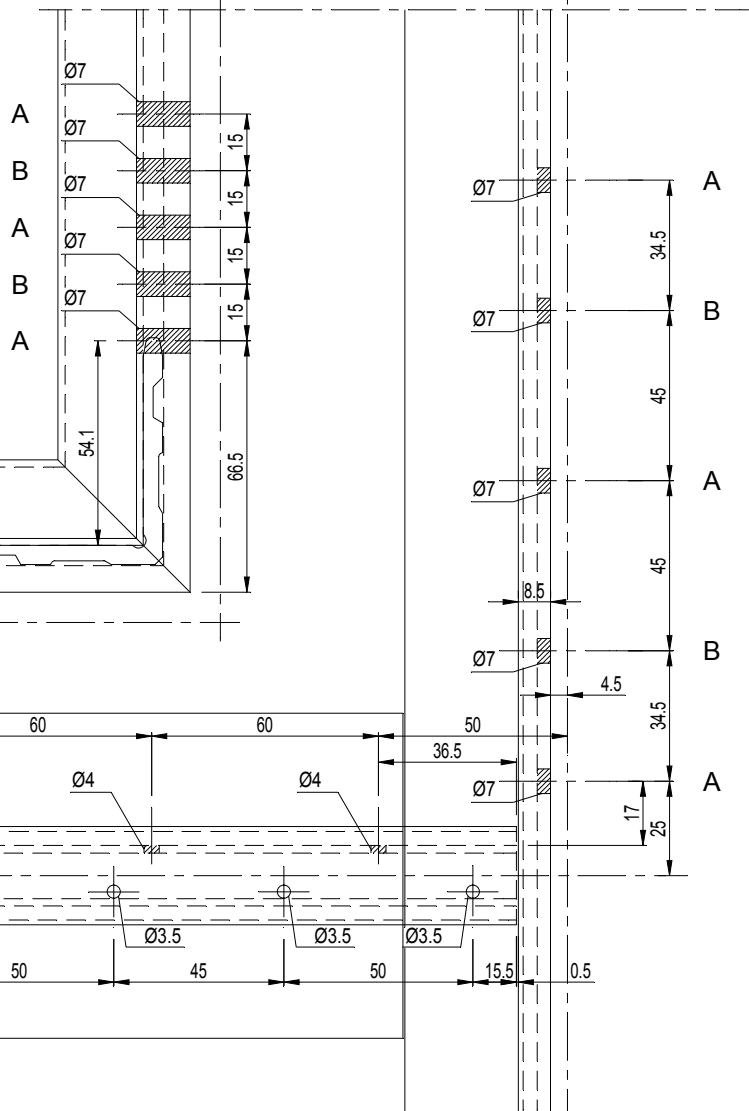
ALLE SCHROEVEN PLAATSEN MET LIJM (TYPE LOCTITE)
PLACER TOUTES LES VIS À L'AIDE DE COLLE (TYPE LOCTITE)
APPLY ALL SCREWS WITH GLUE (TYPE LOCTITE)
ALLE SCHRAUBEN MITTELS LEIM ANWENDEN (TYP LOCTITE)



- STELSCHROEF 051.5299. -- IN SCHARNIERDEEL VLEUGEL PLAATSEN, 2MM VOORBIJ BINNENVLAK (NOMINALE POSITIE)
- VOORLOPIGE BEVESTIGING SCHARNIERDEEL MET SCHROEVEN 050.5050. --
- MET STELSCHROEF 051.5299. -- VLEUGEL VLAK PLAATSEN MET KOZIJN
- DEFINITIEVE BEVESTIGING MET SCHROEVEN 050.5050. --
- MONTAGE PAUMELLE VANTAIL AVEC VIS DE REGLAGE 051.5299. -- DEPASSANT DE 2MM PAR RAPPORT A LA PAUMELLE (POSITION NOMINALE)
- FIXATION PROVISOIRE AVEC VIS 050.5050. --
- REGLAGE DU VANTAIL AVEC VIS 051.5299. --
- FIXATION DEFINITIVE AVEC VIS 050.5050. --
- INSTALL SCREW 051.5299. -- IN HINGE PART VENT 2MM DEEPER AT INSIDE (NOMINAL POSITION)
- TEMPORARY FIXATION HINGE WITH SCREWS 050.5050. --
- ADJUST HINGE WITH SCREWS 051.5299. -- FLUSH WITH OUTER FRAME
- FINAL FIXATION HINGE ON VENT PROFILE WITH 050.5050. --
- MONTIEREN SIE DIE SCHRAUBEN 051.5299. -- 2MM TIEFER (GRUNDPOSITION) AN DER INNENSEITE VOM BANDLAPPEN DES FLÜGELS
- BEFESTIGEN SIE DAS BAND ERST PROVISOIRISCH MIT DEN SCHRAUBEN 050.5050. --
- JUSTIEREN SIE DAS BAND MIT DEN SCHRAUBEN 051.5299. -- BÜNDIG AN DER INNENSEITE DES RAHMENS
- FIXIEREN SIE ANSCHLIEßEND DAS BAND FLÜGEL MIT DEN SCHRAUBEN 050.5050. --



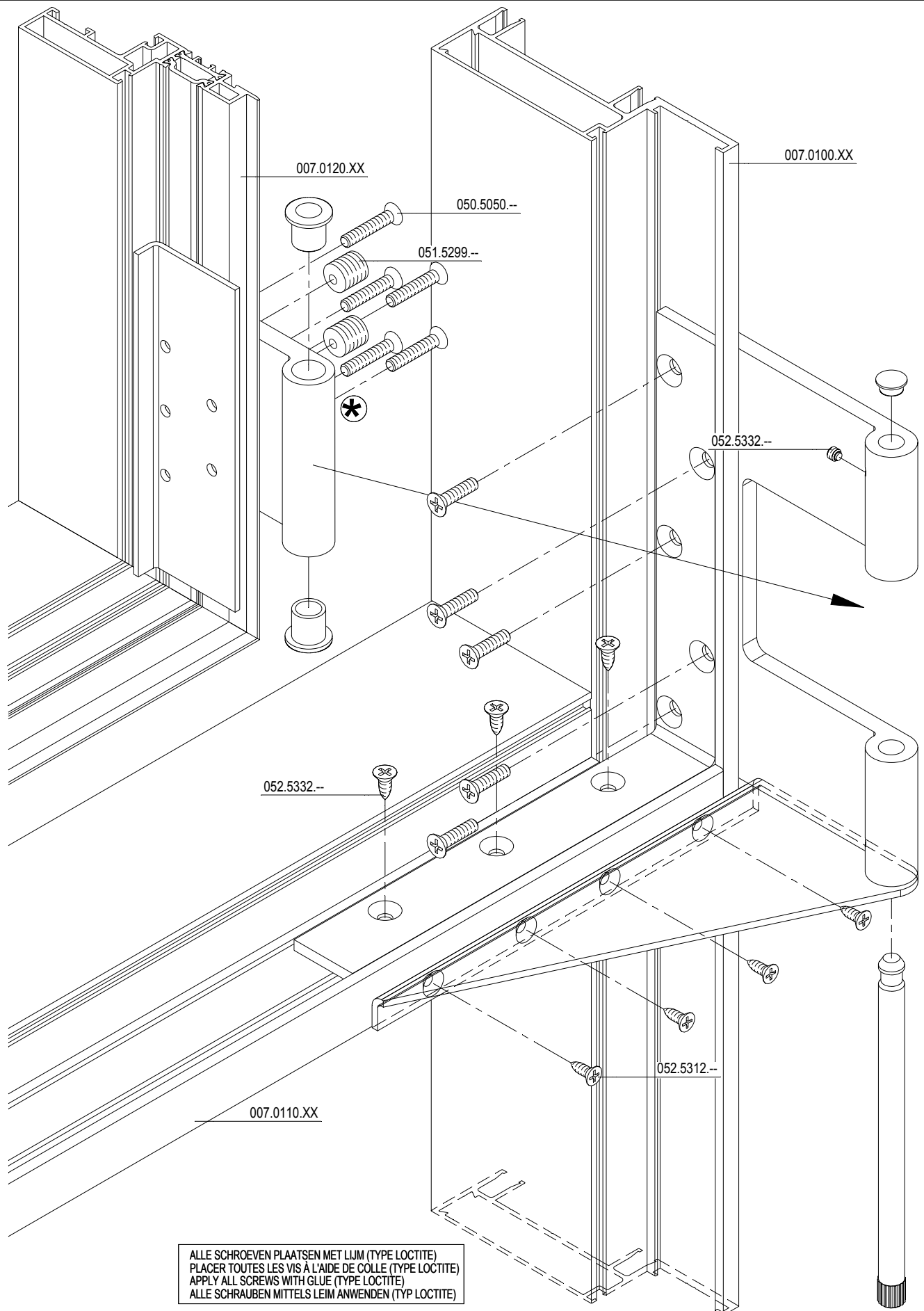
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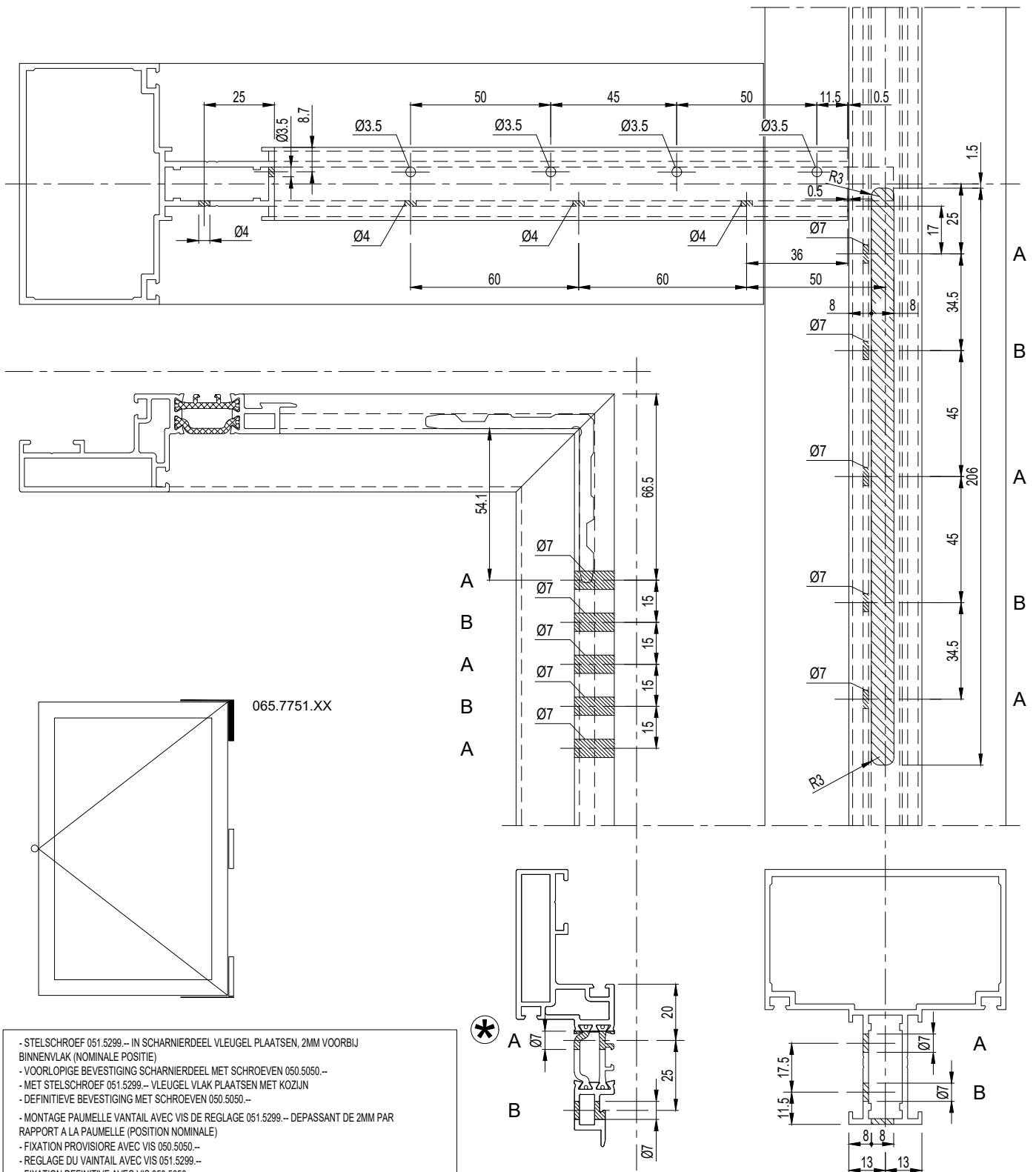


BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

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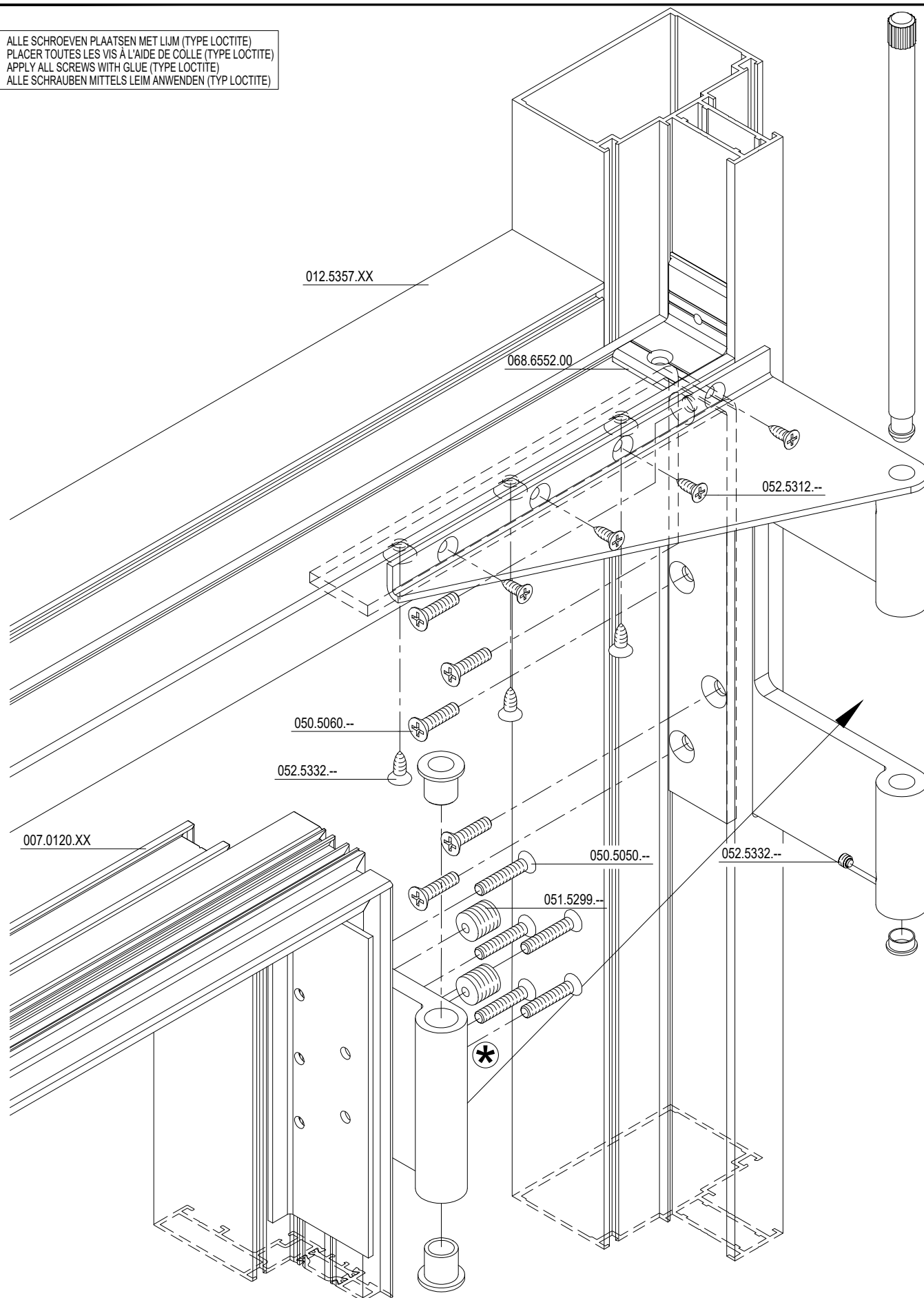


- STELSCHROEF 051.5299 -- IN SCHARNIERDEEL VLEUGEL PLAATSEN, 2MM VOORBIJ BINNENVLAK (NOMINALE POSITIE)
- VOORLOPIGE BEVESTIGING SCHARNIERDEEL MET SCHROEVEN 050.5050 --
- MET STELSCHROEF 051.5299 -- VLEUGEL VLAK PLAATSEN MET KOZIJN
- DEFINITIEVE BEVESTIGING MET SCHROEVEN 050.5050 --
- MONTAGE PAUMELLE VANTAIL AVEC VIS DE REGLAGE 051.5299 -- DEPASSANT DE 2MM PAR RAPPORT A LA PAUMELLE (POSITION NOMINALE)
- FIXATION PROVISIOIRE AVEC VIS 050.5050 --
- REGLAGE DU VANTAIL AVEC VIS 051.5299 --
- FIXATION DEFINITIVE AVEC VIS 050.5050 --
- INSTALL. SCREW 051.5299 -- IN HINGE PART VENT 2MM DEEPER AT INSIDE (NOMINAL POSITION)
- TEMPORARY FIXATION HINGE WITH SCREWS 050.5050 --
- ADJUST HINGE WITH SCREWS 051.5299 -- FLUSH WITH OUTER FRAME
- FINAL FIXATION HINGE ON VENT PROFILE WITH 050.5050 --
- MONTIEREN SIE DIE SCHRAUBEN 051.5299 -- 2MM TIEFER (GRUNDPOSITION) AN DER INNENSEITE VOM BANDLAPPEN DES FLÜGELS
- BEFESTIGEN SIE DAS BAND ERST PROVISORISCH MIT DEN SCHRAUBEN 050.5050 --
- JUSTIEREN SIE DAS BAND MIT DEN SCHRAUBEN 051.5299 -- BÜNDIG AN DER INNENSEITE DES RAHMENS
- FIXIEREN SIE ANSCHLIEßEND DAS BAND FLÜGEL MIT DEN SCHRAUBEN 050.5050 --

BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

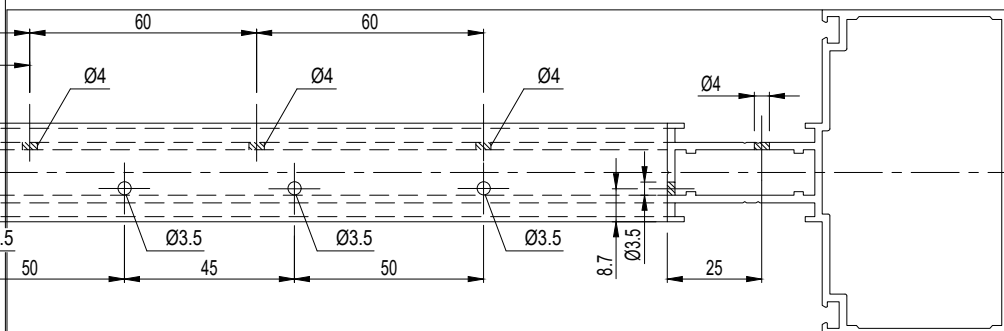
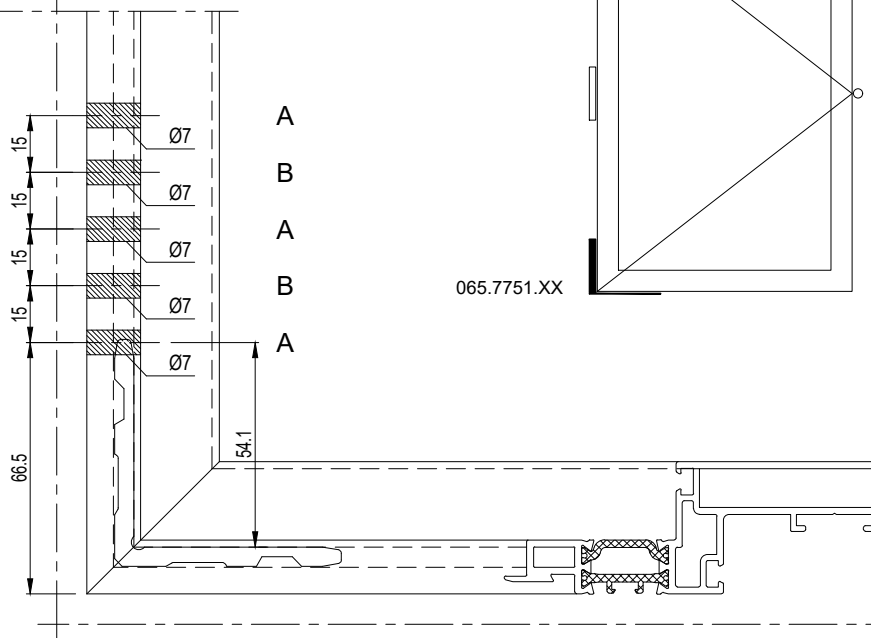
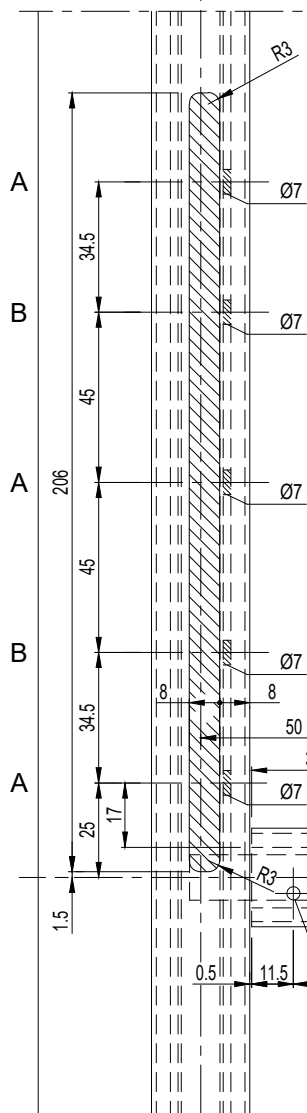
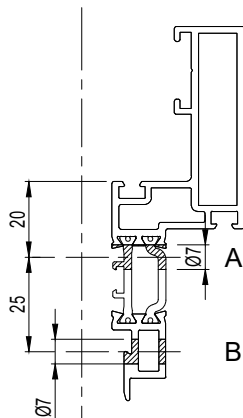
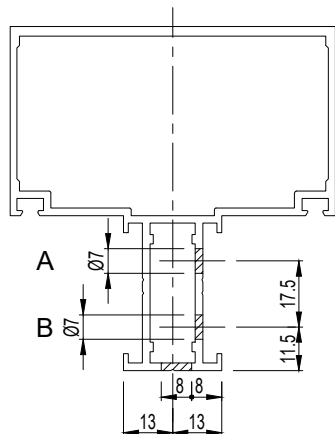
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ALLE SCHROEVEN PLAATSEN MET LIJM (TYPE LOCTITE)
PLACER TOUTES LES VIS À L'AIDE DE COLLE (TYPE LOCTITE)
APPLY ALL SCREWS WITH GLUE (TYPE LOCTITE)
ALLE SCHRAUBEN MITTELS LEIM ANWENDEN (TYP LOCTITE)





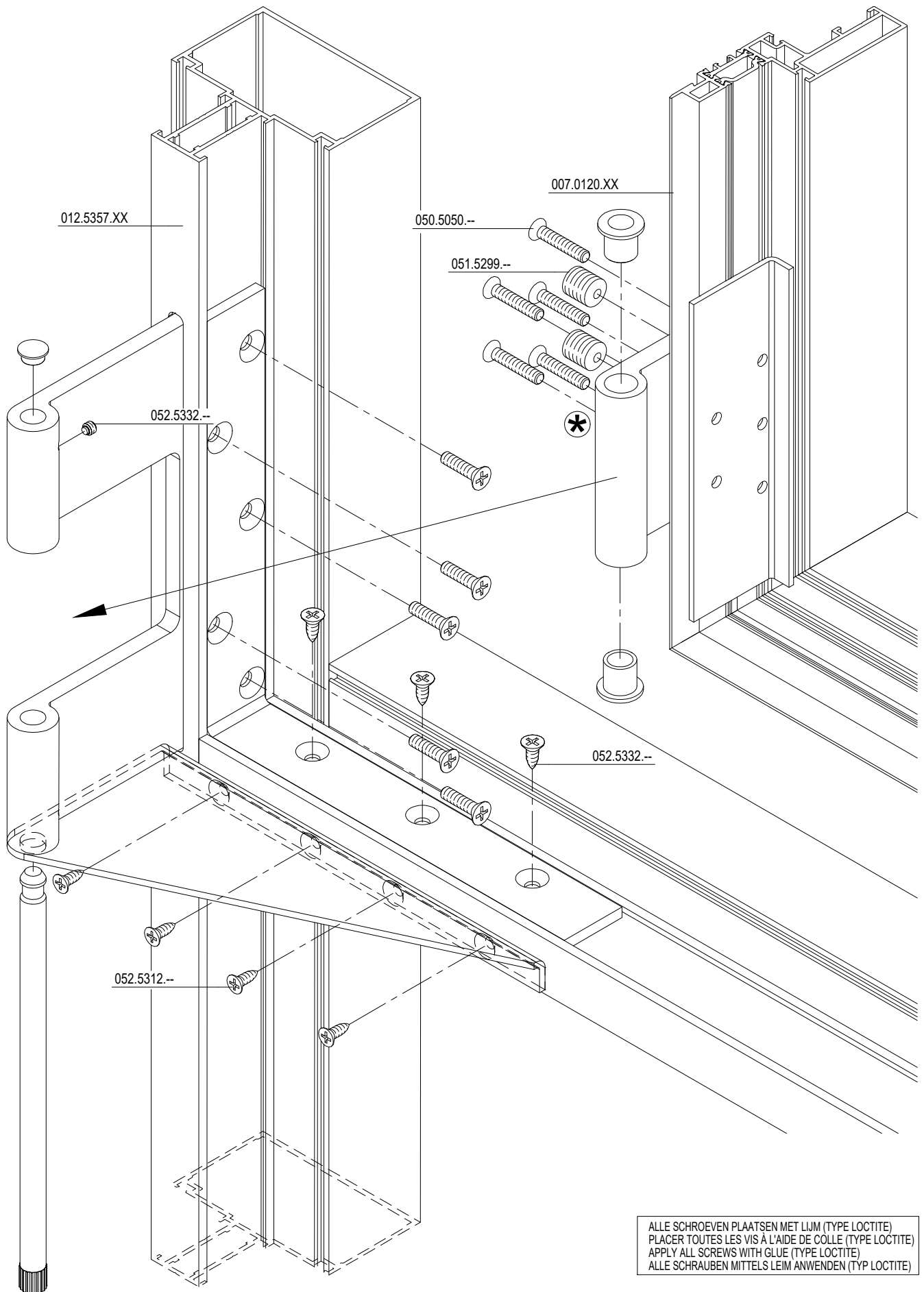
- STELSCHROEF 051.5299 -- IN SCHARNIERDEEL VLEUGEL PLAATSEN, 2MM VOORBIJ BINNENVLAK (NOMINALE POSITIE)
- VOORLOPIGE BEVESTIGING SCHARNIERDEEL MET SCHROEVEN 050.5050 --
- MET STELSCHROEF 051.5299 -- VLEUGEL VLAK PLAATSEN MET KOZIJN
- DEFINITIEVE BEVESTIGING MET SCHROEVEN 050.5050 --
- MONTAGE PAUMELLE VANTAIL AVEC VIS DE REGLAGE 051.5299 -- DEPASSANT DE 2MM PAR RAPPORT A LA PAUMELLE (POSITION NOMINALE)
- FIXATION PROVISIOIRE AVEC VIS 050.5050 --
- REGLAGE DU VANTAIL AVEC VIS 051.5299 --
- FIXATION DEFINITIVE AVEC VIS 050.5050 --
- INSTALL SCREW 051.5299 -- IN HINGE PART VENT 2MM DEEPER AT INSIDE (NOMINAL POSITION)
- TEMPORARY FIXATION HINGE WITH SCREWS 050.5050 --
- ADJUST HINGE WITH SCREWS 051.5299 -- FLUSH WITH OUTER FRAME
- FINAL FIXATION HINGE ON VENT PROFILE WITH 050.5050 --
- MONTIEREN SIE DIE SCHRAUBEN 051.5299 -- 2MM TIEFER (GRUNDPOSITION) AN DER INNENSEITE VOM BANDLAPPEN DES FLÜGELS
- BEFESTIGEN SIE DES BAND ERST PROVISORISCH MIT DEN SCHRAUBEN 050.5050 --
- JUSTIEREN SIE DAS BAND MIT DEN SCHRAUBEN 051.5299 -- BÜNDIG AN DER INNENSEITE DES RAHMENS
- FIXIEREN SIE ANSCHLIEßEND DAS BAND FLÜGEL MIT DEN SCHRAUBEN 050.5050 --



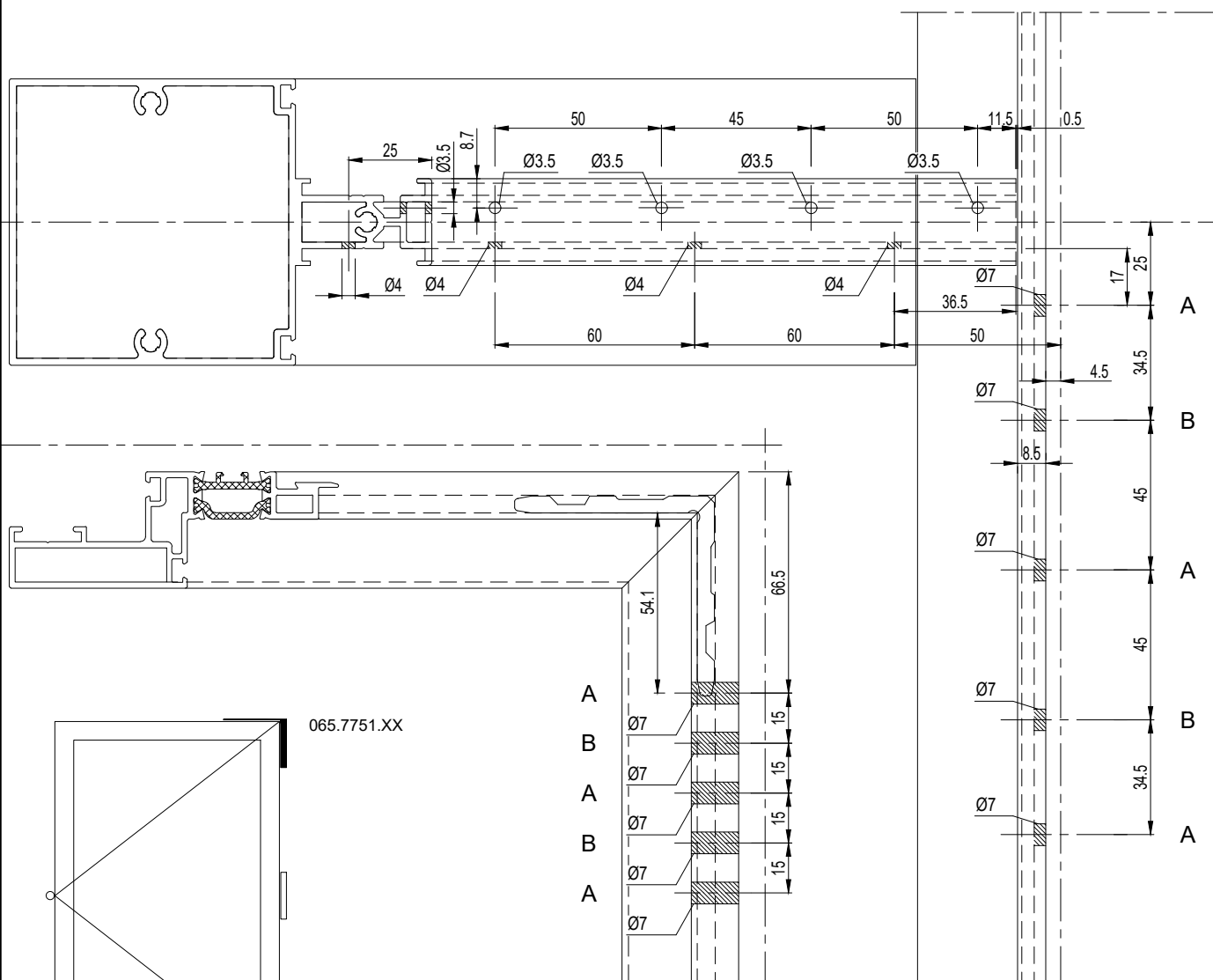
BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

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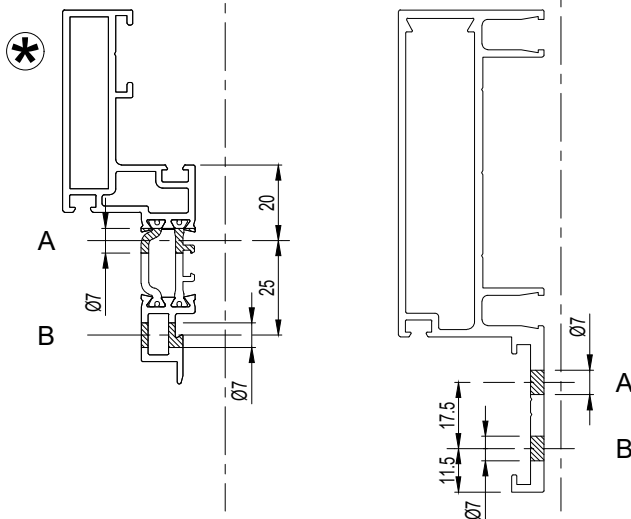
ALLE SCHROEVEN PLAATSEN MET LIJM (TYPE LOCTITE)
PLACER TOUTES LES VIS À L'AIDE DE COLLE (TYPE LOCTITE)
APPLY ALL SCREWS WITH GLUE (TYPE LOCTITE)
ALLE SCHRAUBEN MITTELS LEIM ANWENDEN (TYP LOCTITE)

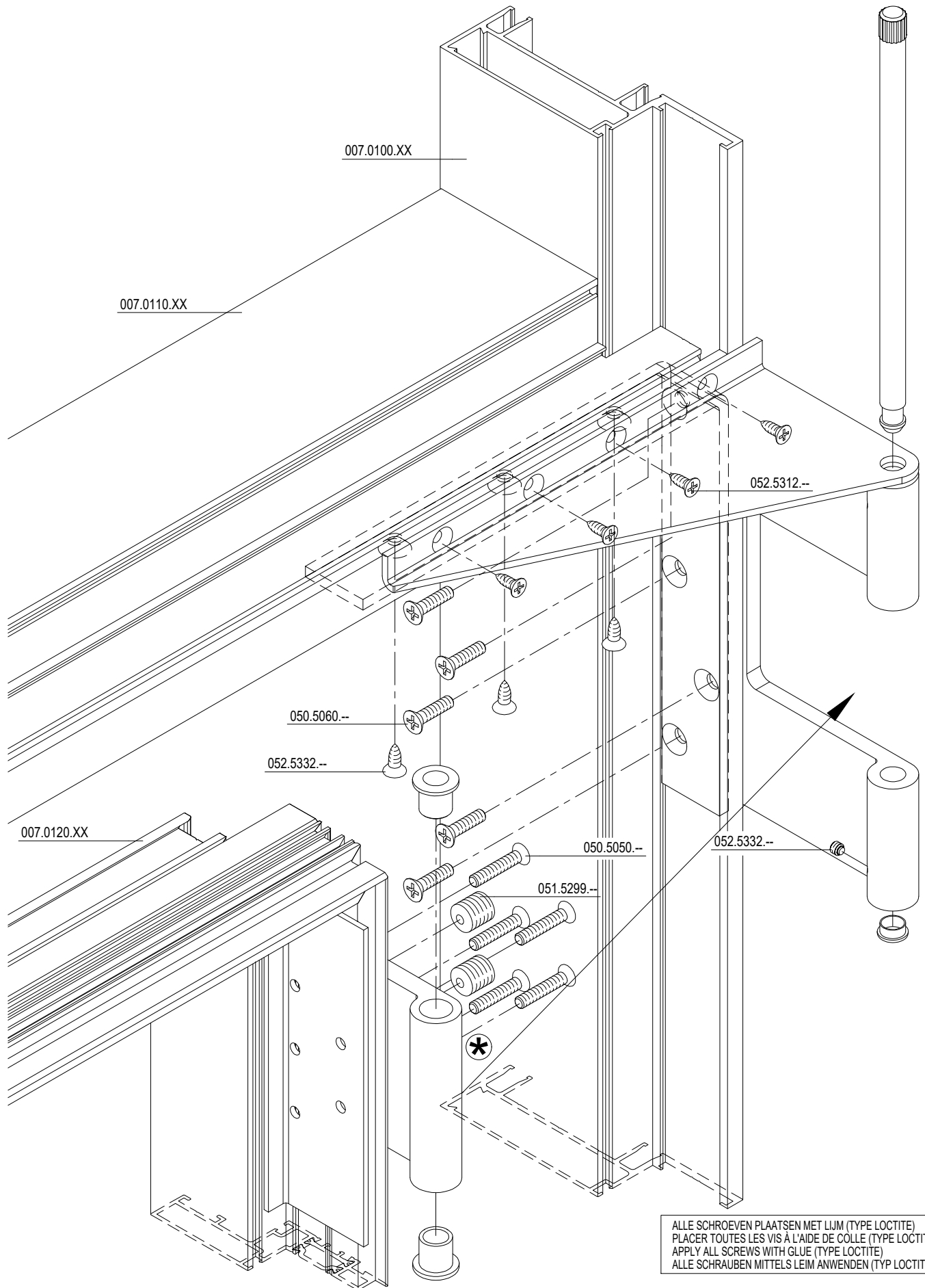


- STELSCHROEF 051.5299 -- IN SCHARNIERDEEL VLEUGEL PLAATSEN, 2MM VOORBIJ BINNENVLAK (NOMINALE POSITIE)
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- ADJUST HINGE WITH SCREWS 051.5299 -- FLUSH WITH OUTER FRAME
- FINAL FIXATION HINGE ON VENT PROFILE WITH 050.5050 --
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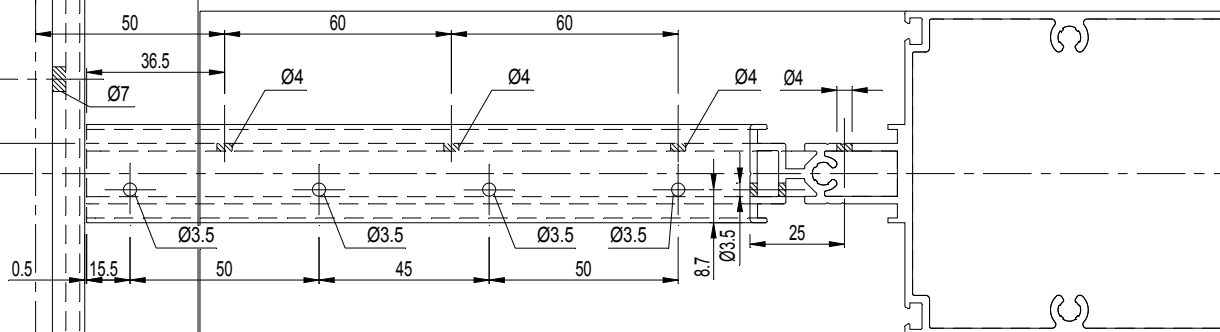
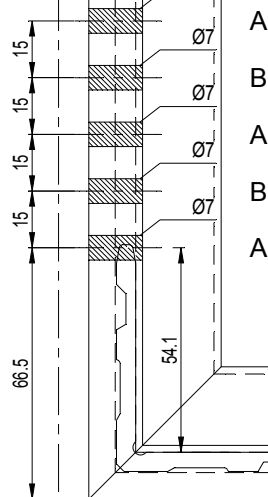
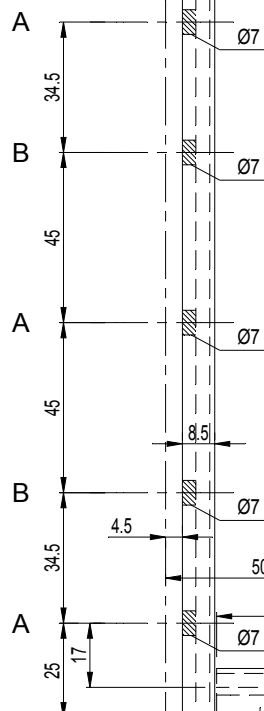
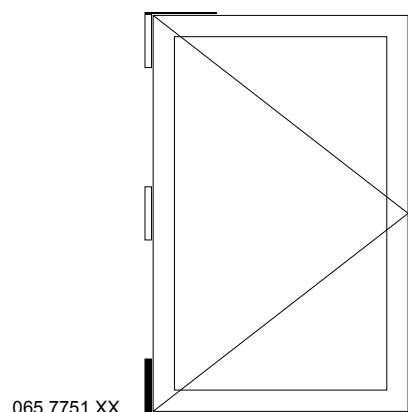
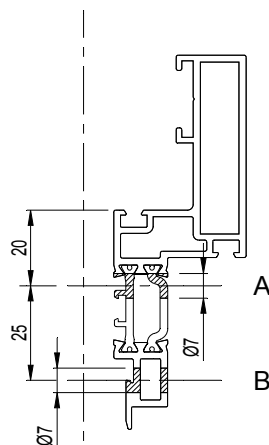
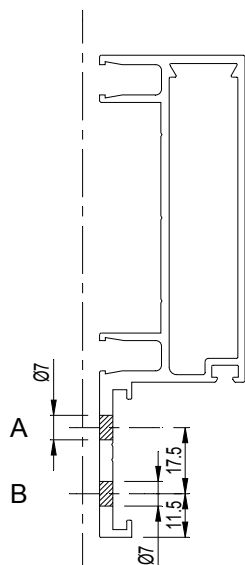
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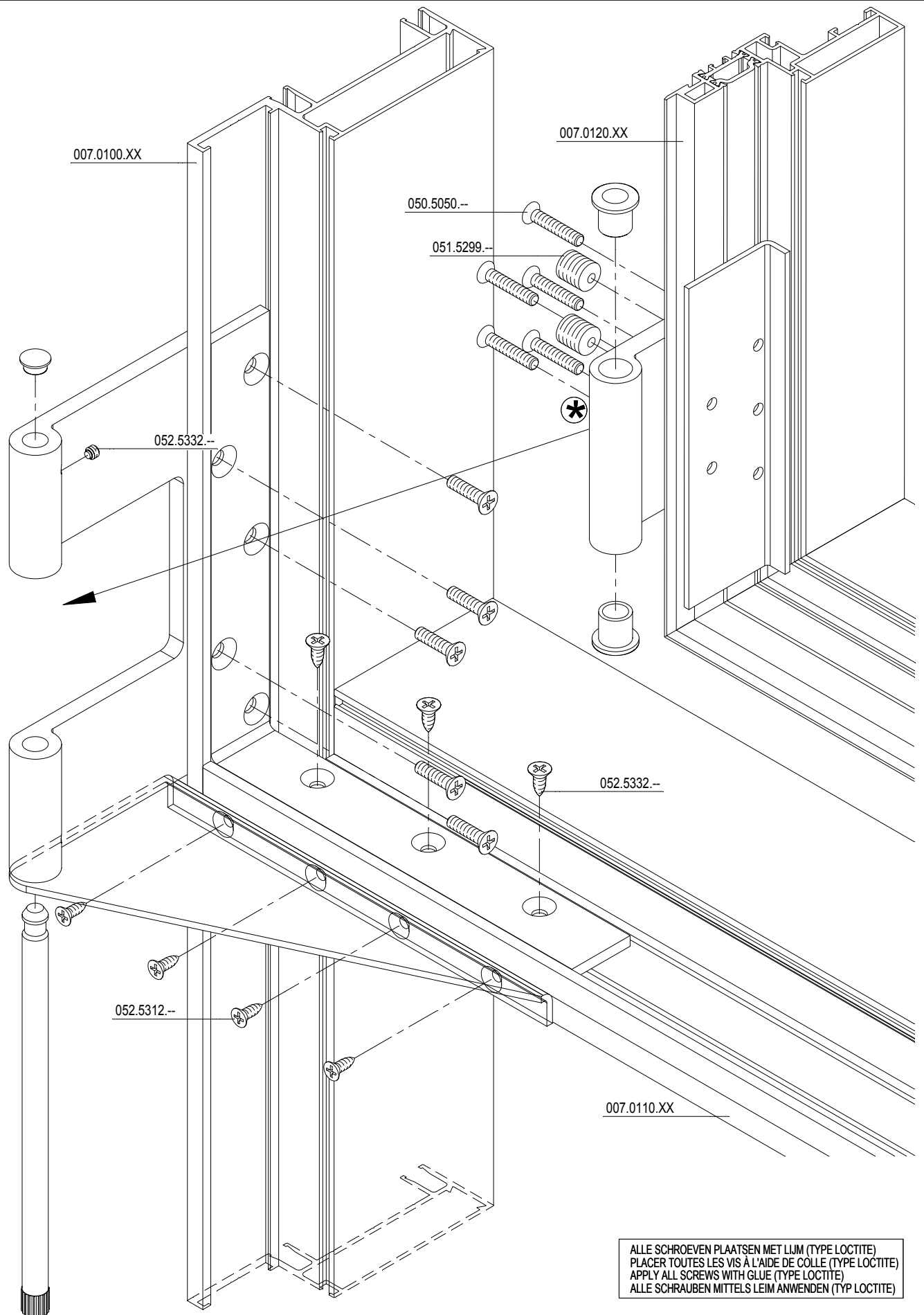
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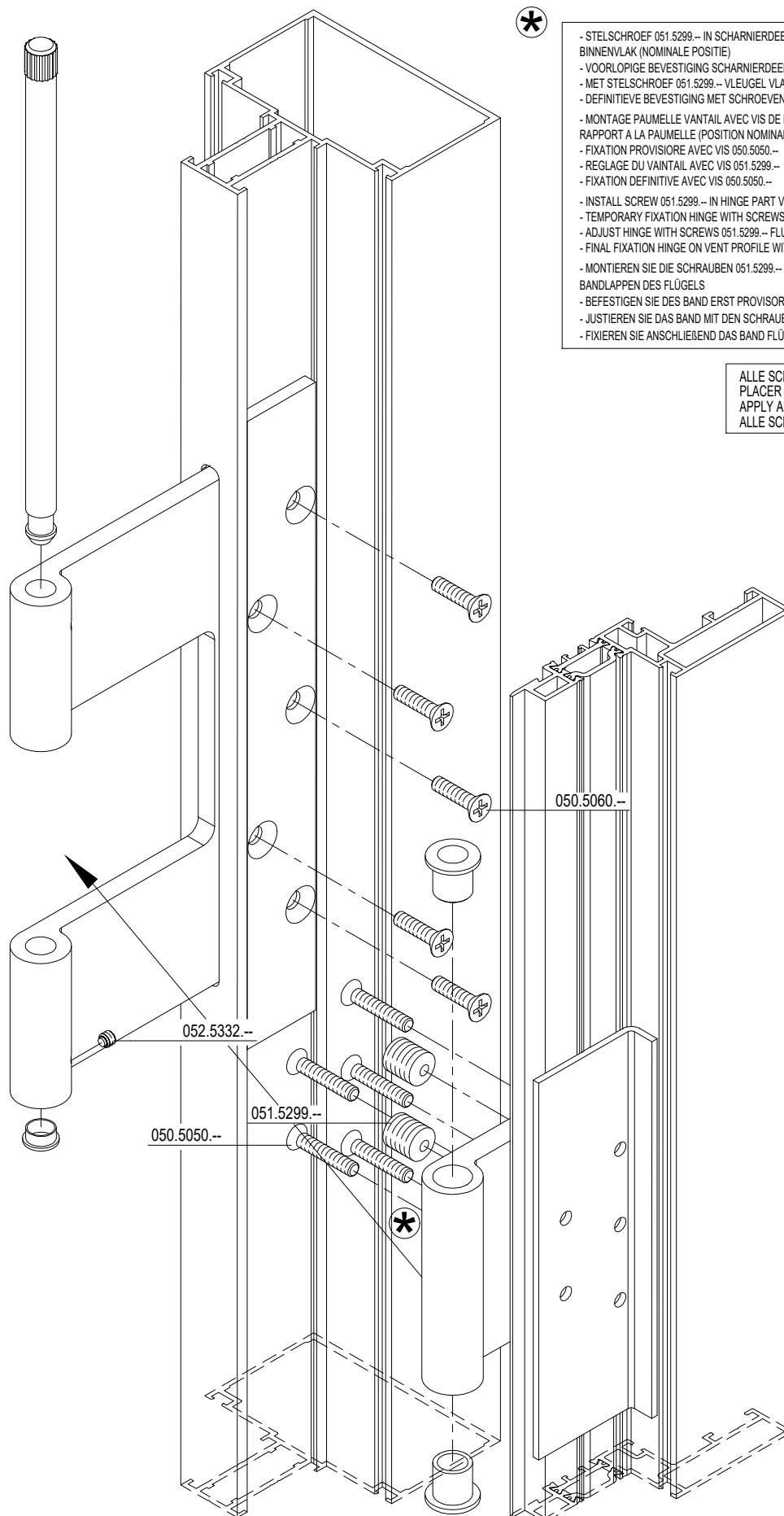


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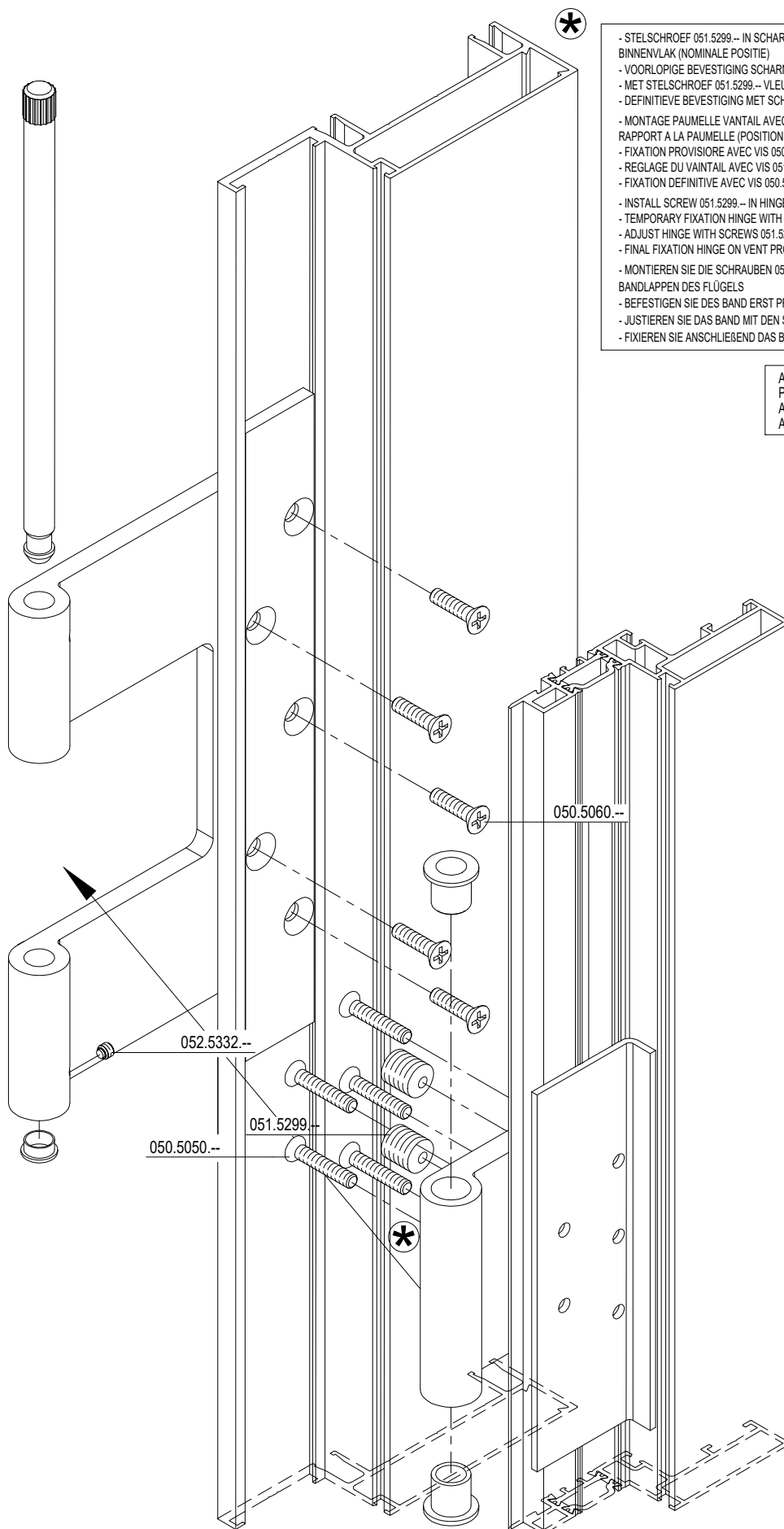
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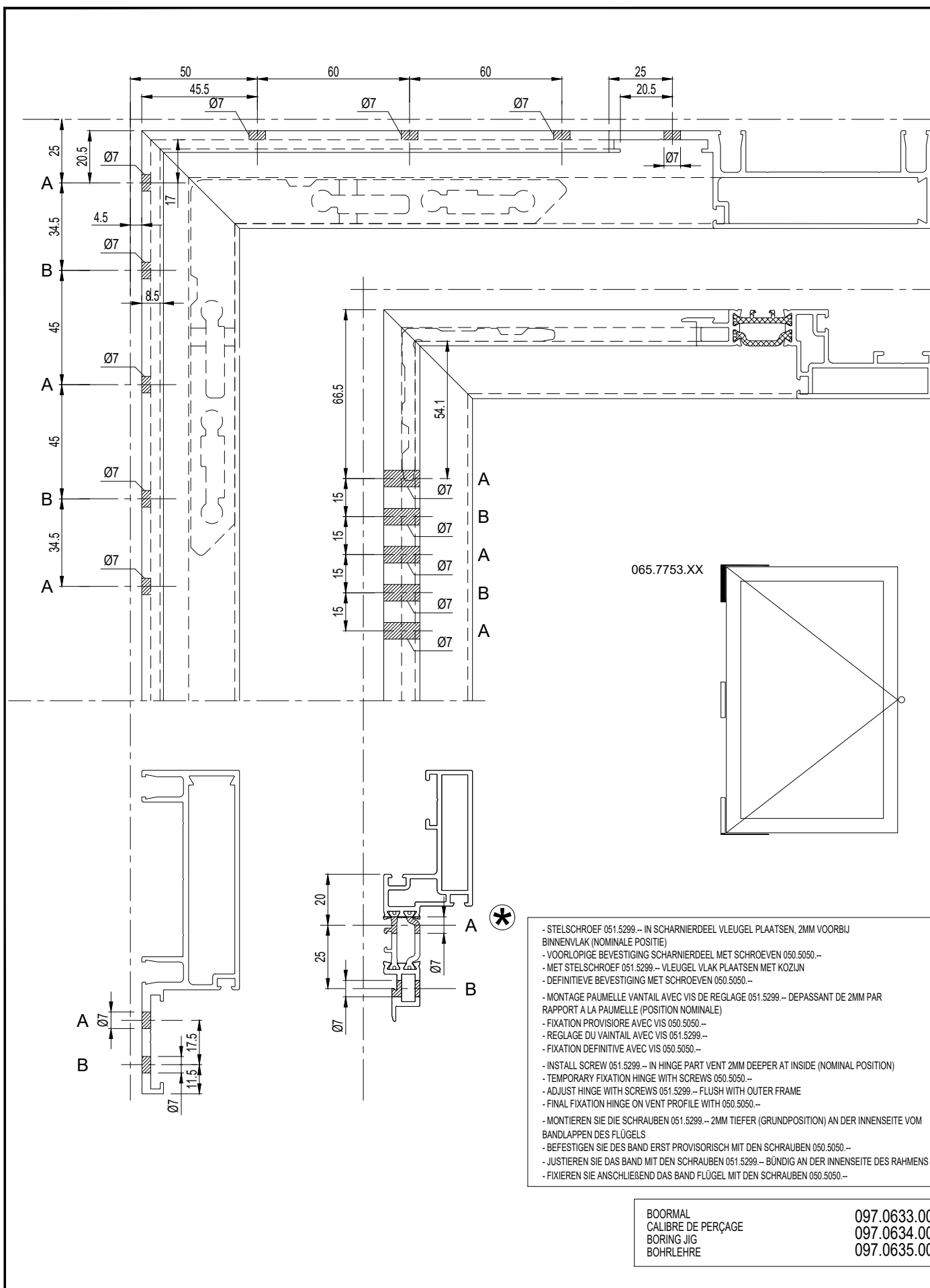
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ALLE SCHROEVEN PLAATSEN MET LIJM (TYPE LOCTITE)
PLACER TOUTES LES VIS À L'AIDE DE COLLE (TYPE LOCTITE)
APPLY ALL SCREWS WITH GLUE (TYPE LOCTITE)
ALLE SCHRAUBEN MITTELS LEIM ANWENDEN (TYP LOCTITE)

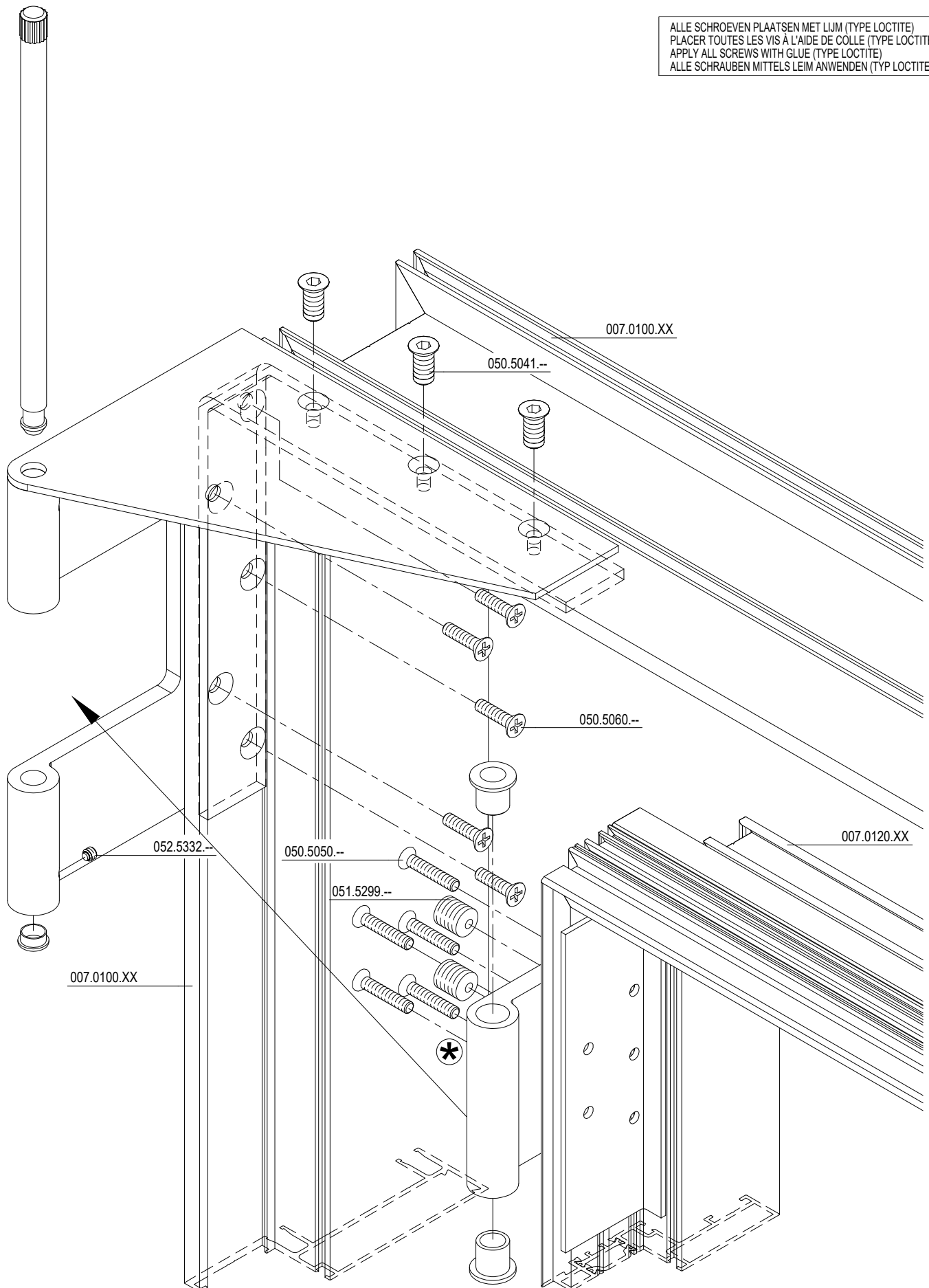


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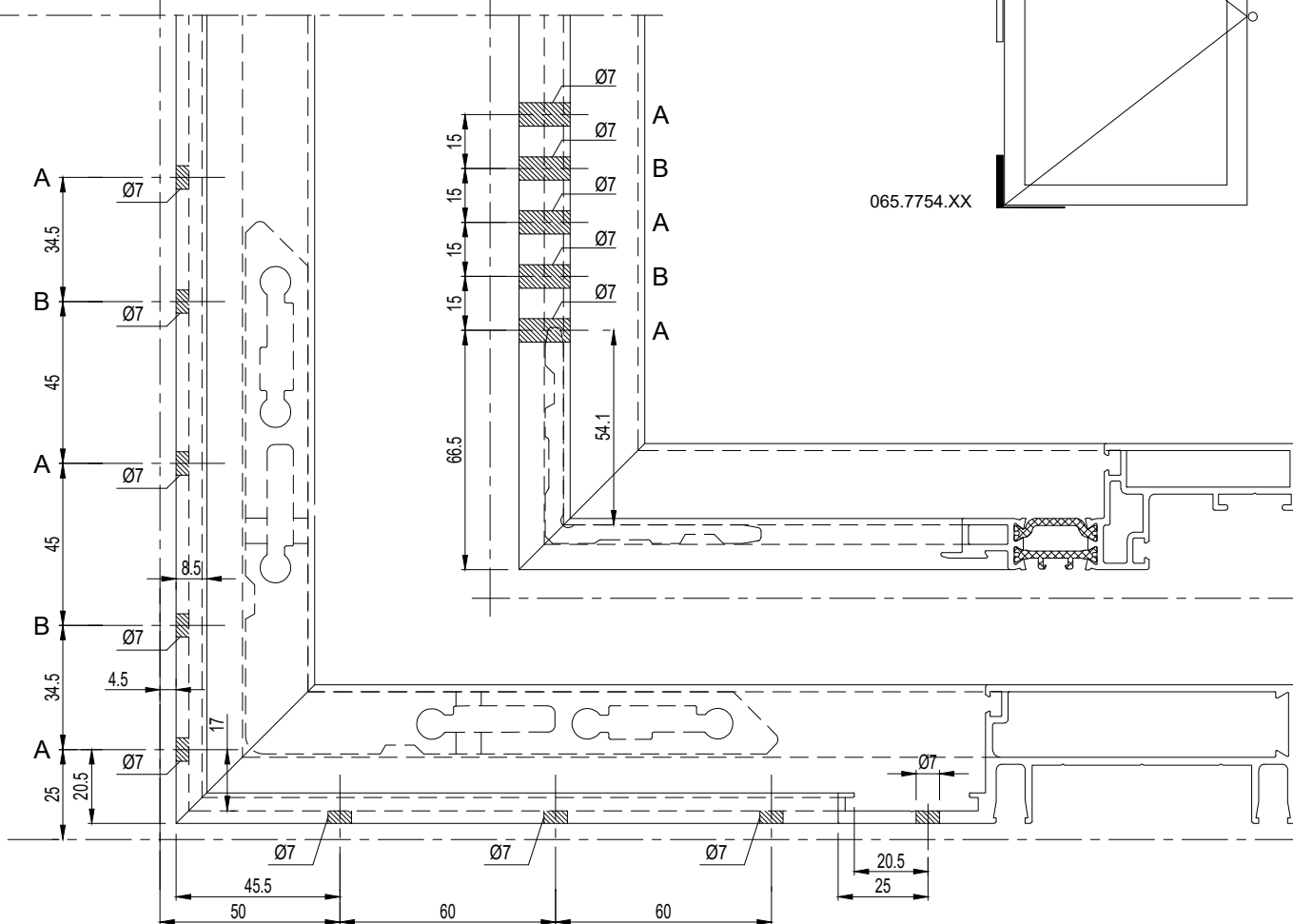
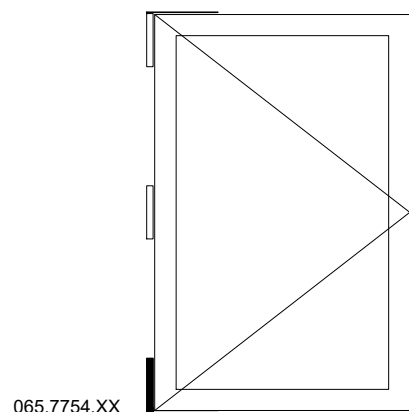
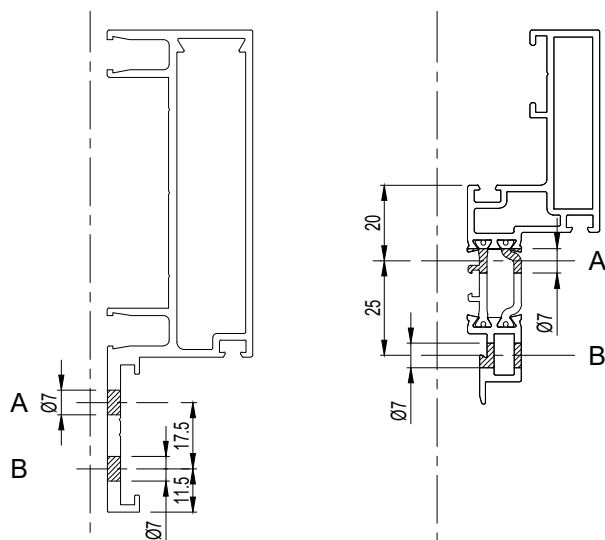


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APPLY ALL SCREWS WITH GLUE (TYPE LOCTITE)
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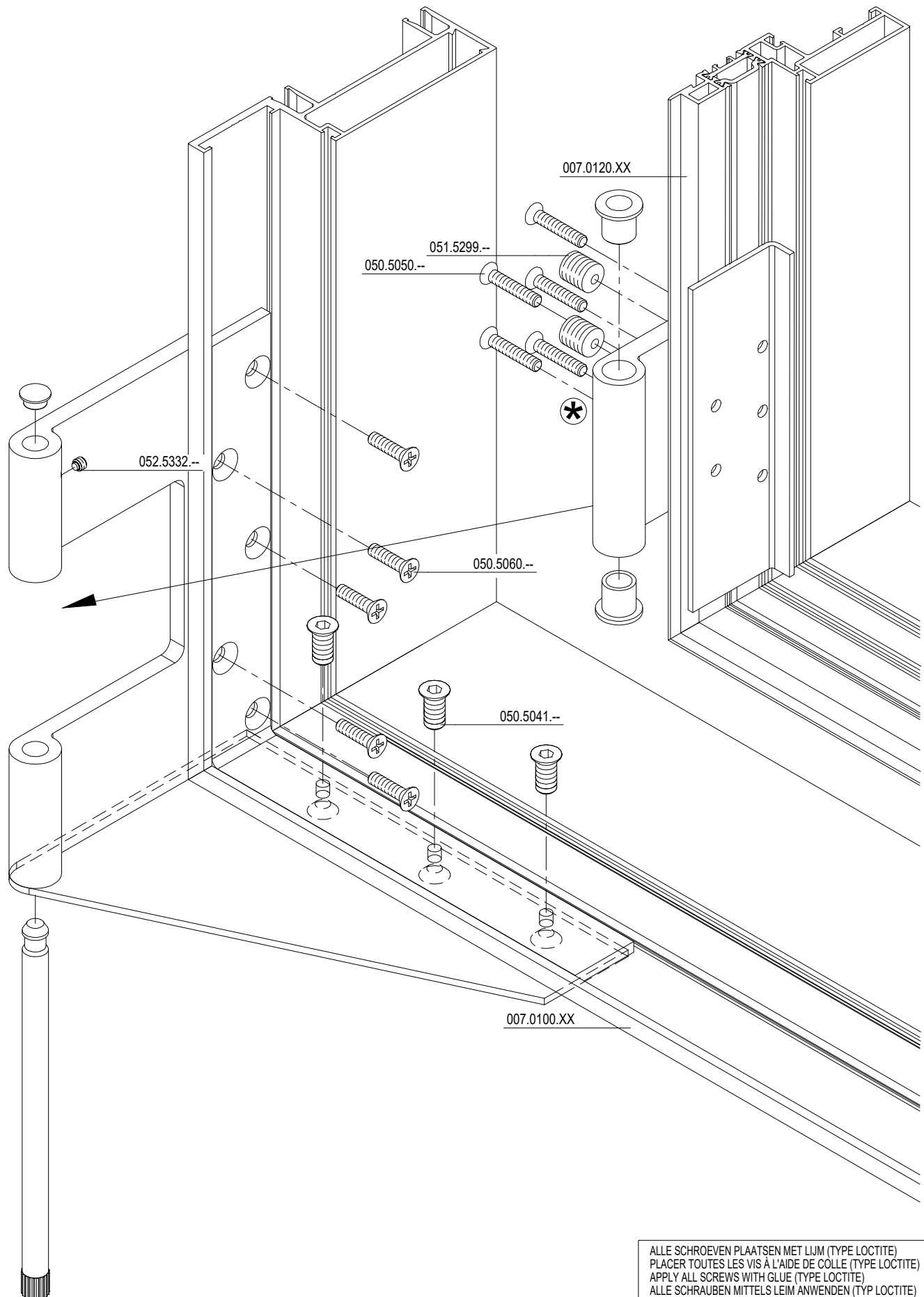
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- TEMPORARY FIXATION HINGE WITH SCREWS 050.5050. --
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- FINAL FIXATION HINGE ON VENT PROFILE WITH 050.5050. --
- MONTEREN SIE DIE SCHRAUBEN 051.5299. -- 2MM TIEFER (GRUNDPOSITION) AN DER INNENSEITE VOM BANDLAPPEN DES FLÜGELS
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- JUSTIEREN SIE DAS BAND MIT DEN SCHRAUBEN 051.5299. -- BÜNDIG AN DER INNENSEITE DES RAHMENS
- FIXIEREN SIE ANSCHLIEßEND DAS BAND FLÜGEL MIT DEN SCHRAUBEN 050.5050. --

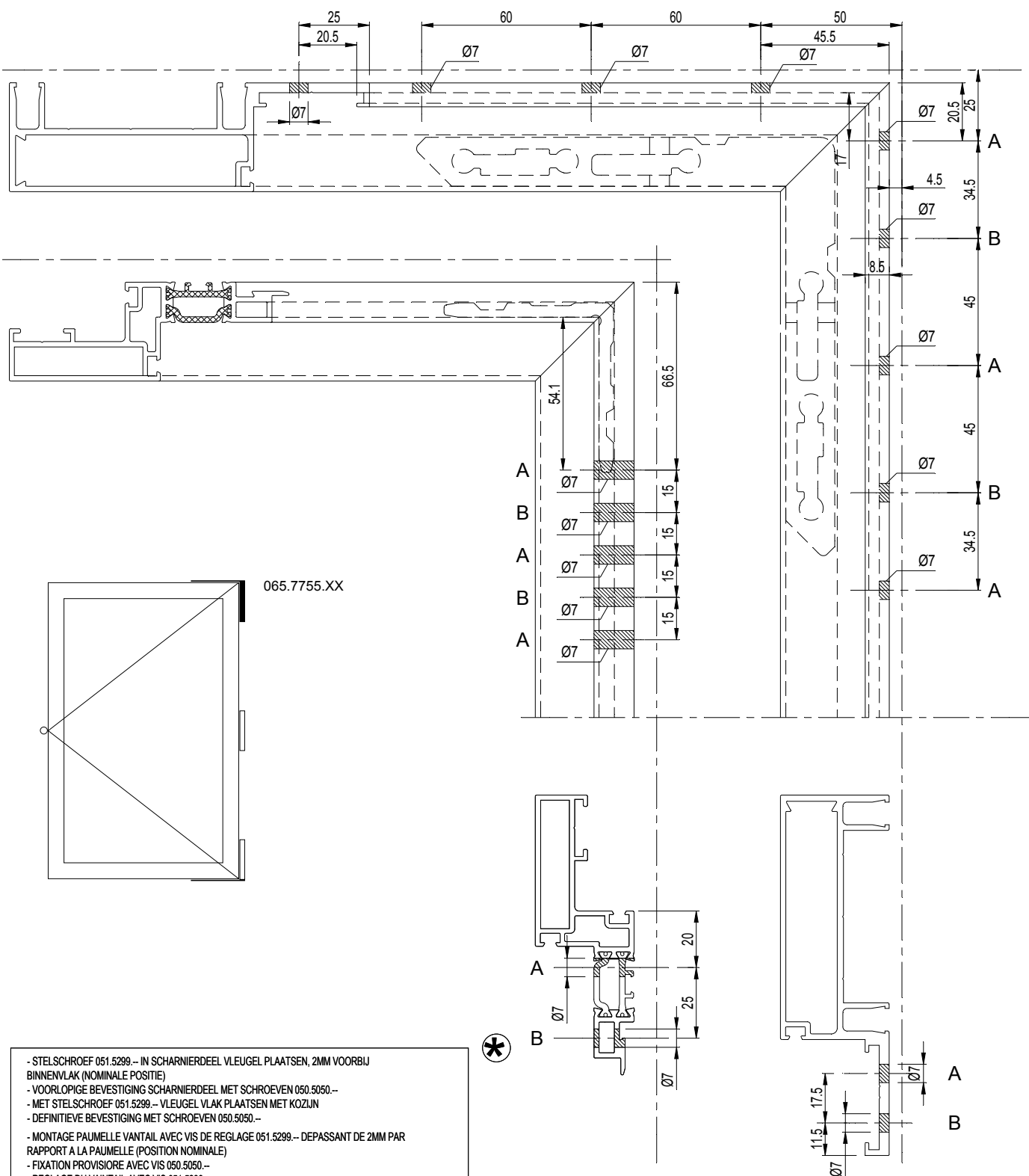


BOORMAL
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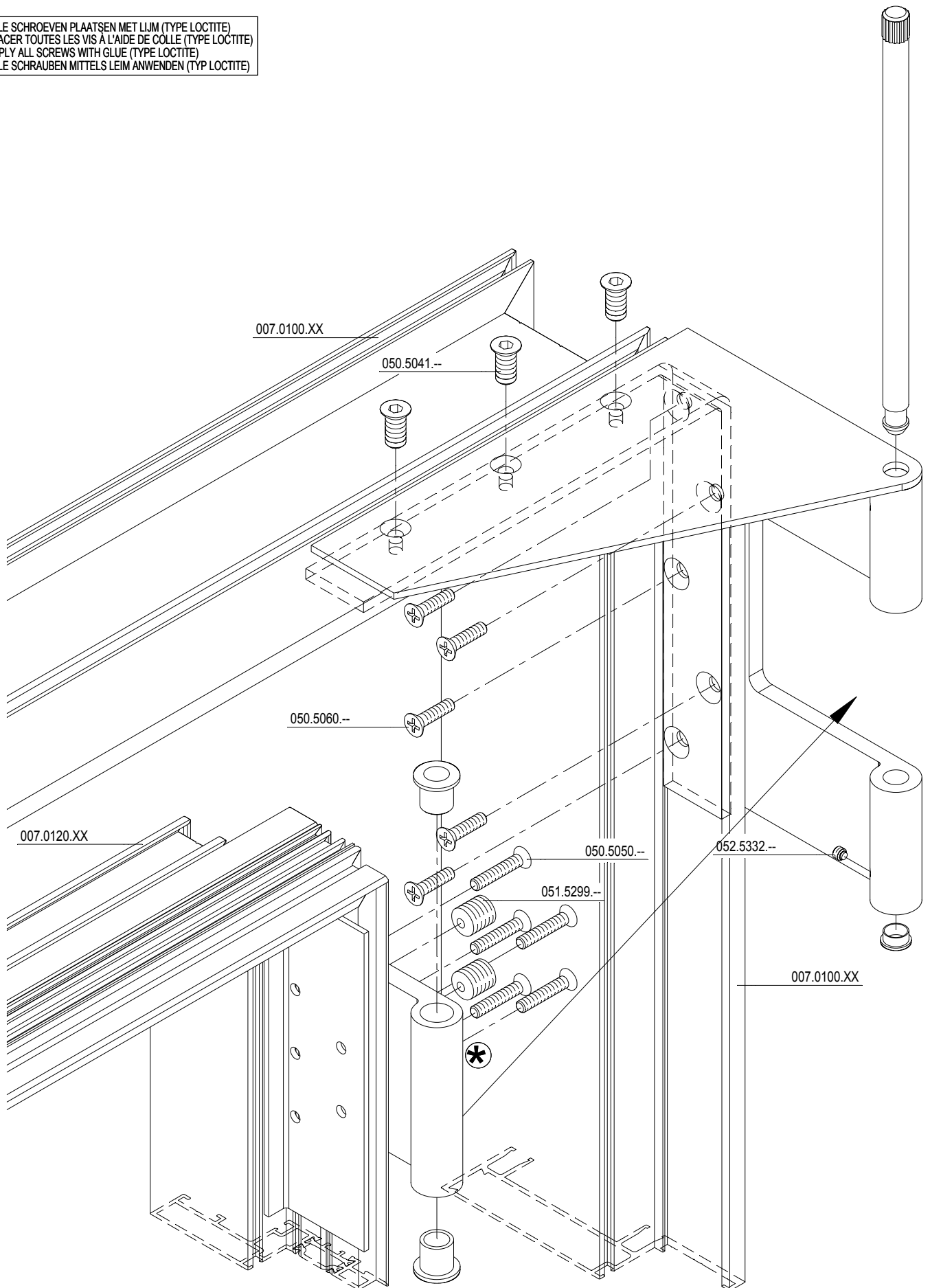


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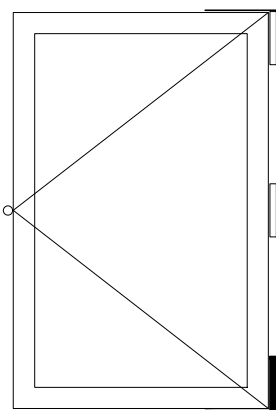
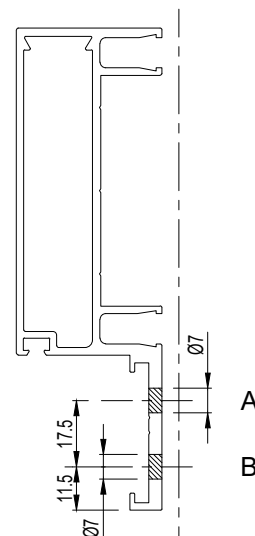
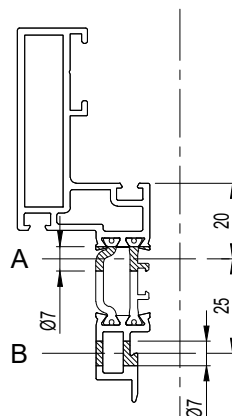
BOORMAL
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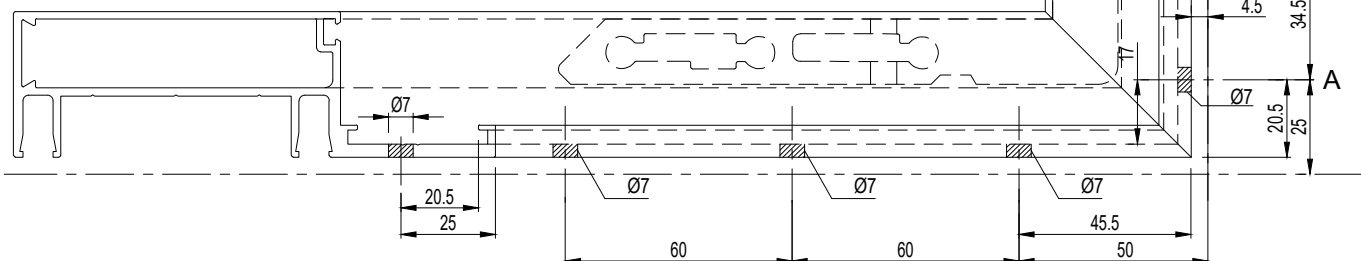
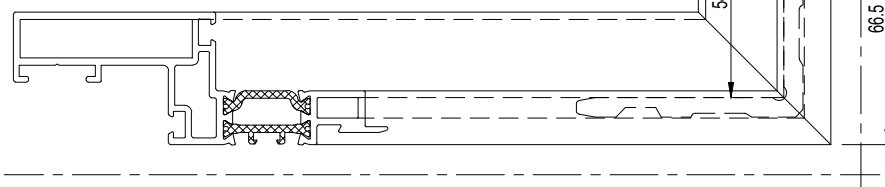
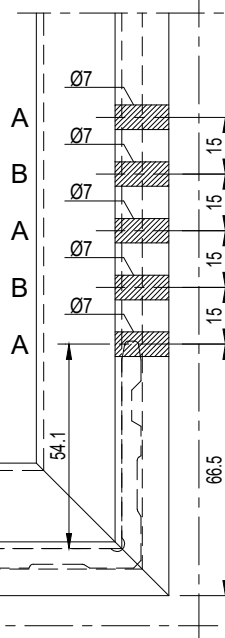
ALLE SCHROEVEN PLAATSEN MET LIJM (TYPE LOCTITE)
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APPLY ALL SCREWS WITH GLUE (TYPE LOCTITE)
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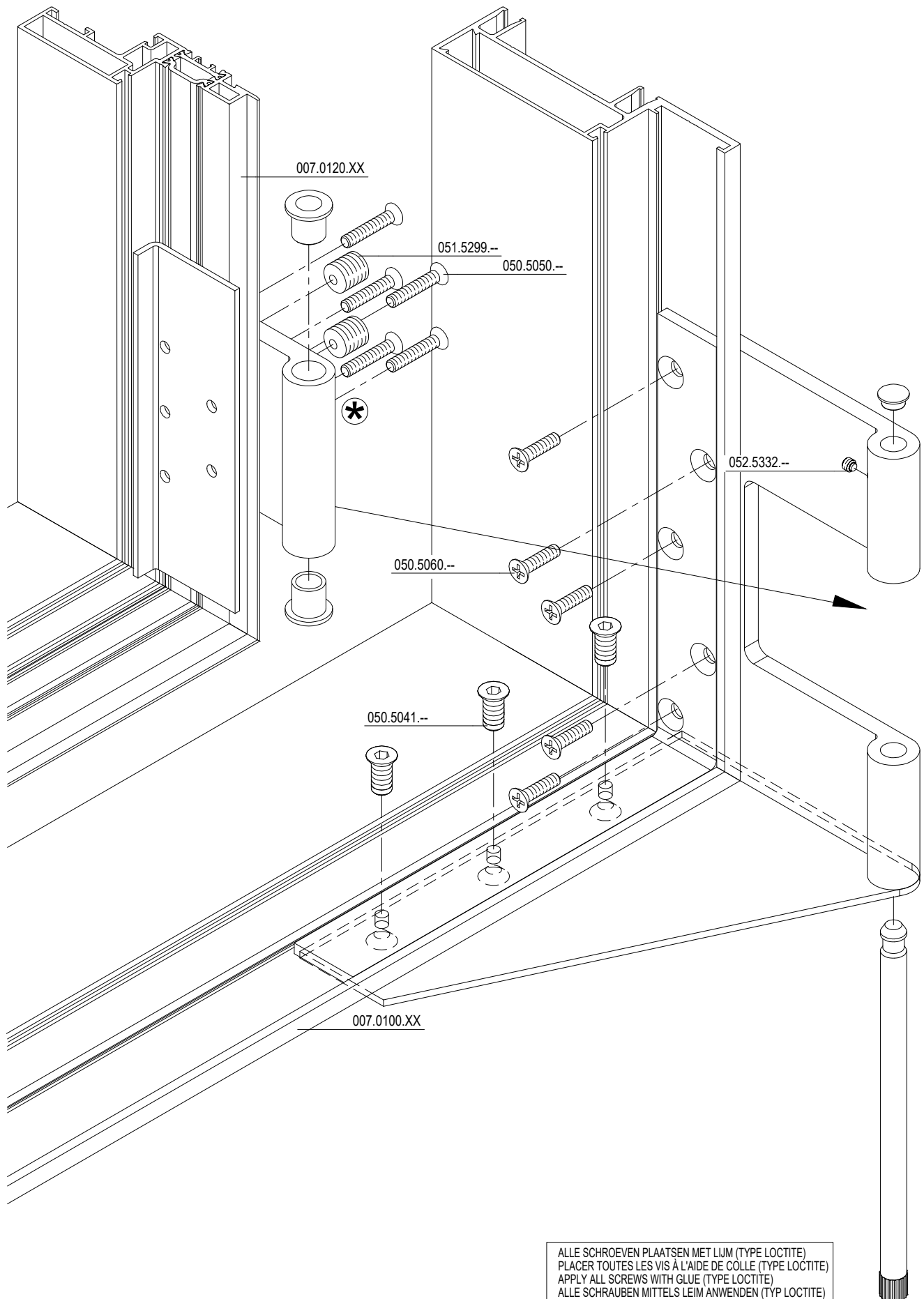
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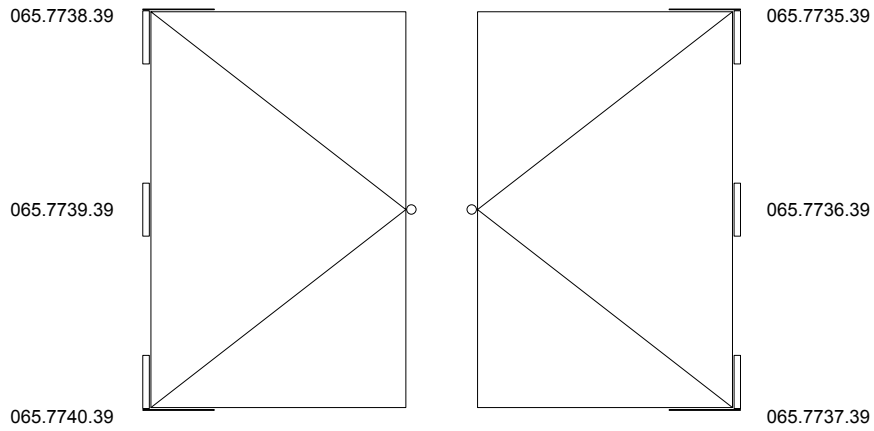
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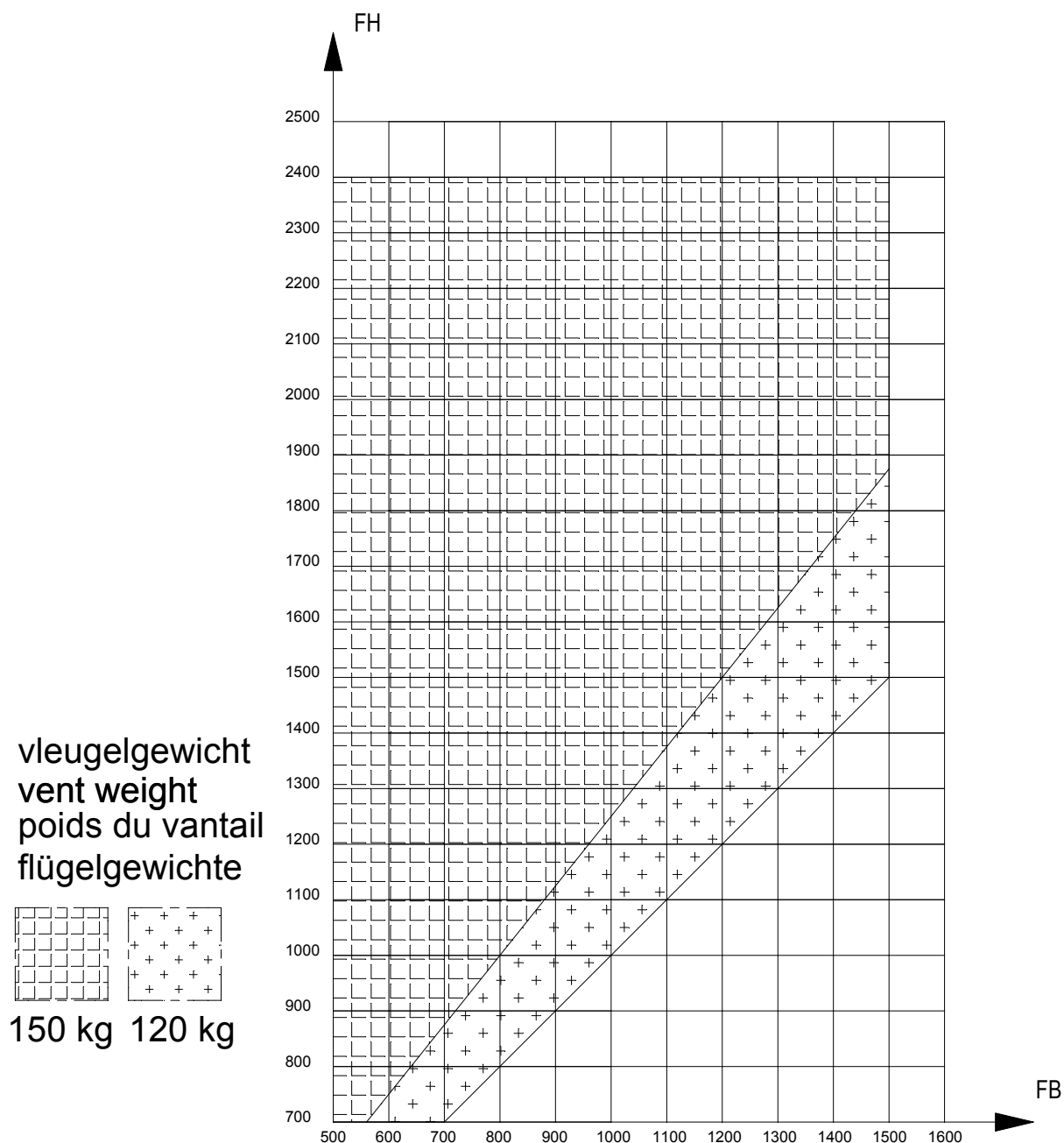
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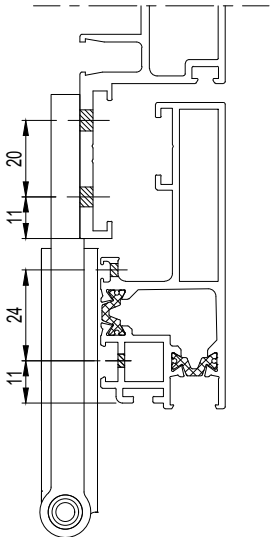
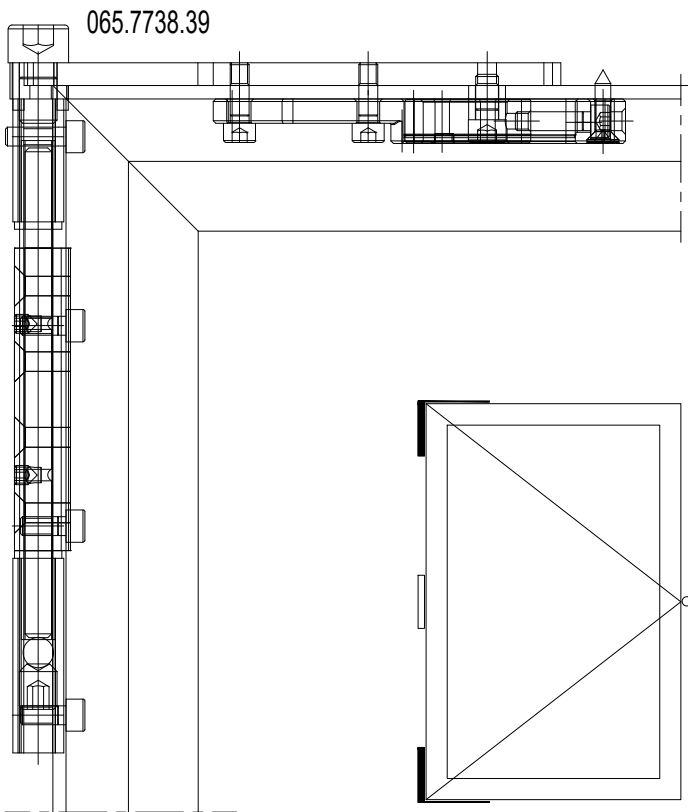
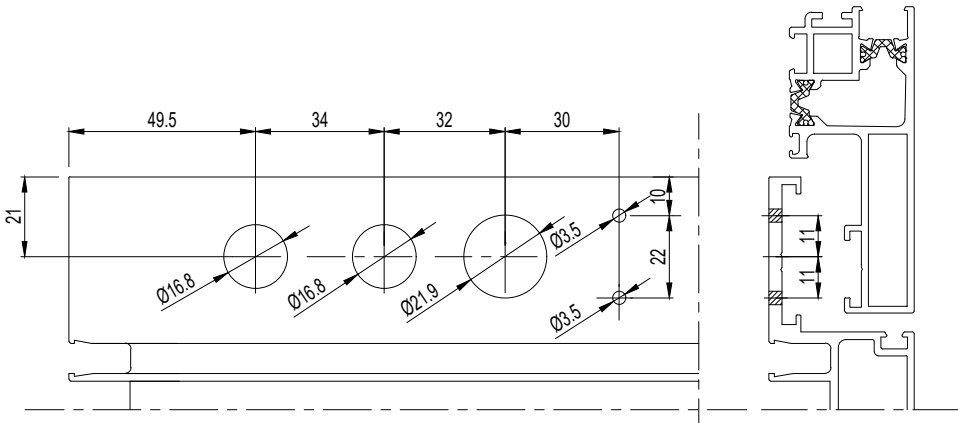


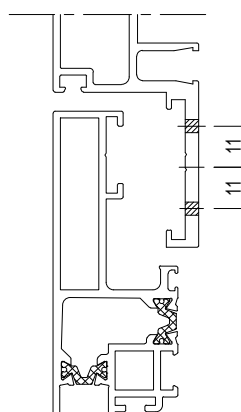
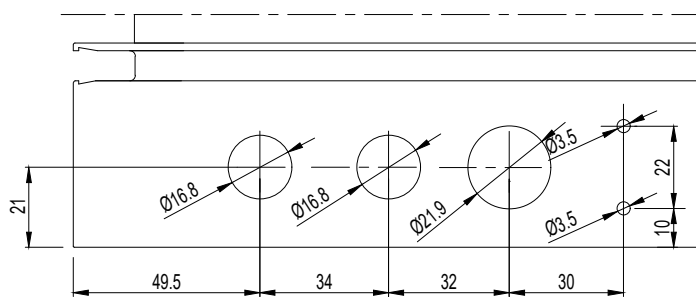
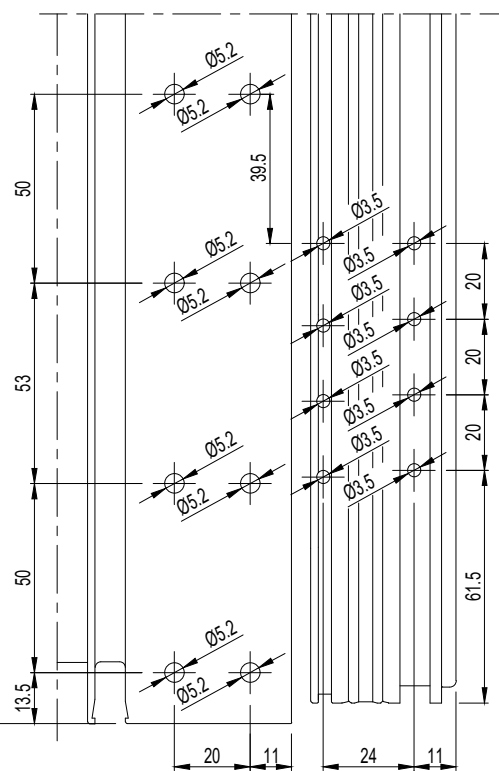
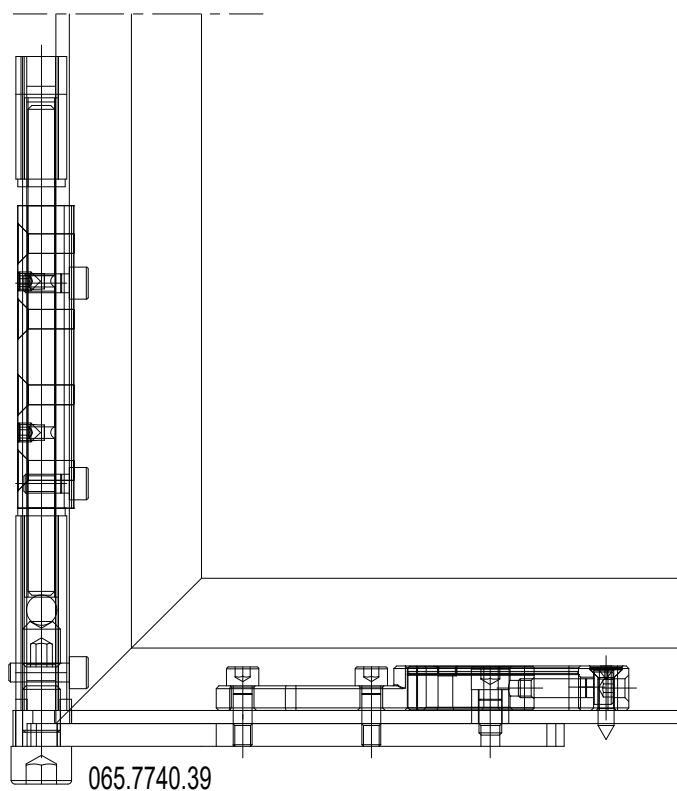
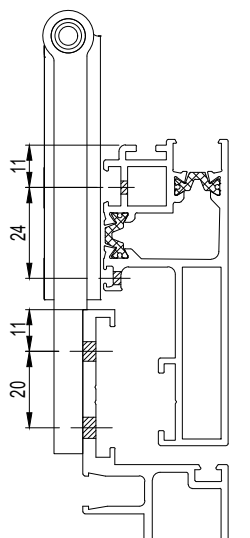
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BUITENAANZICHT
 VUE DE L'EXTERIEUR
 OUTSIDE VIEW
 AUSSENSICHT

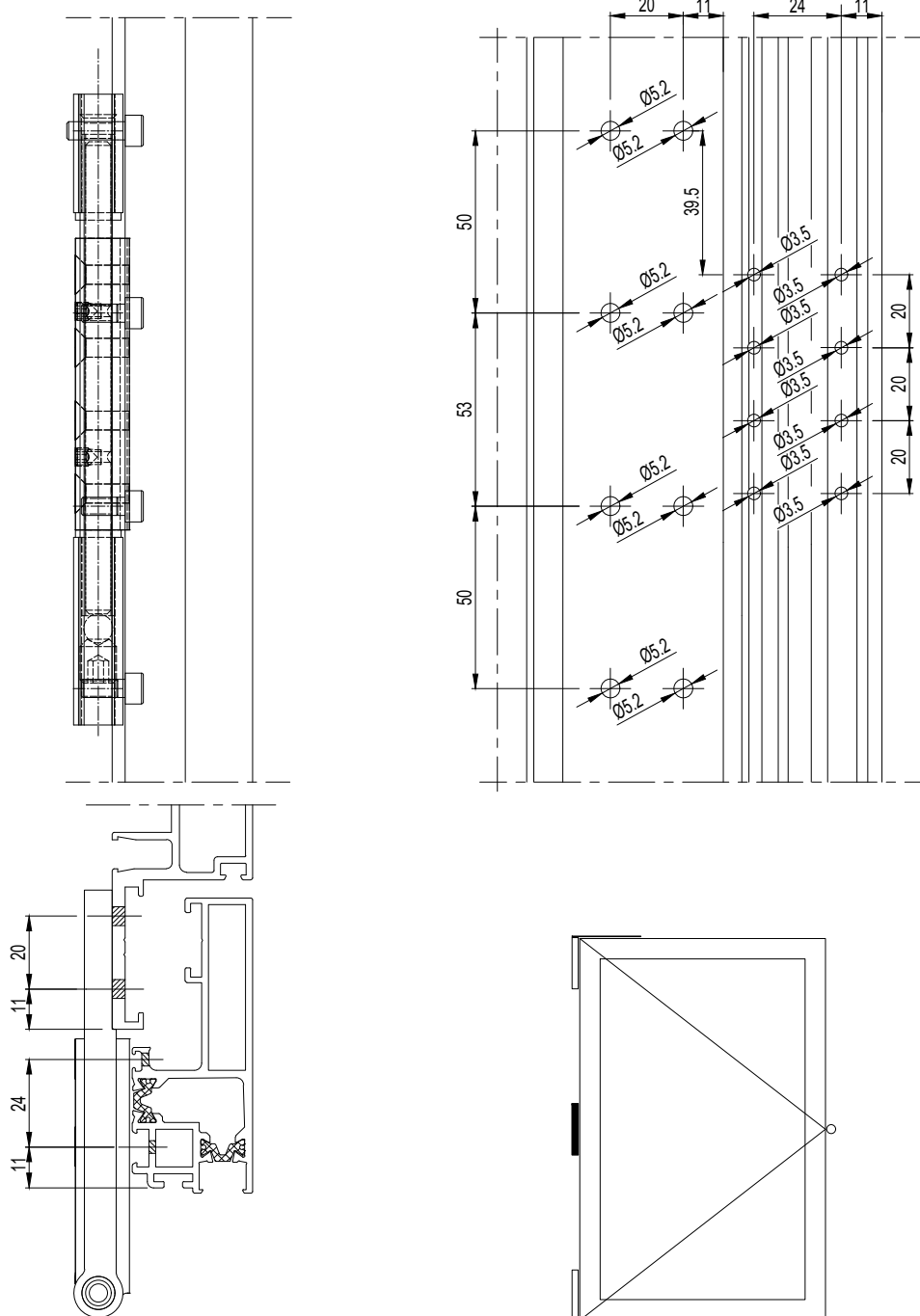


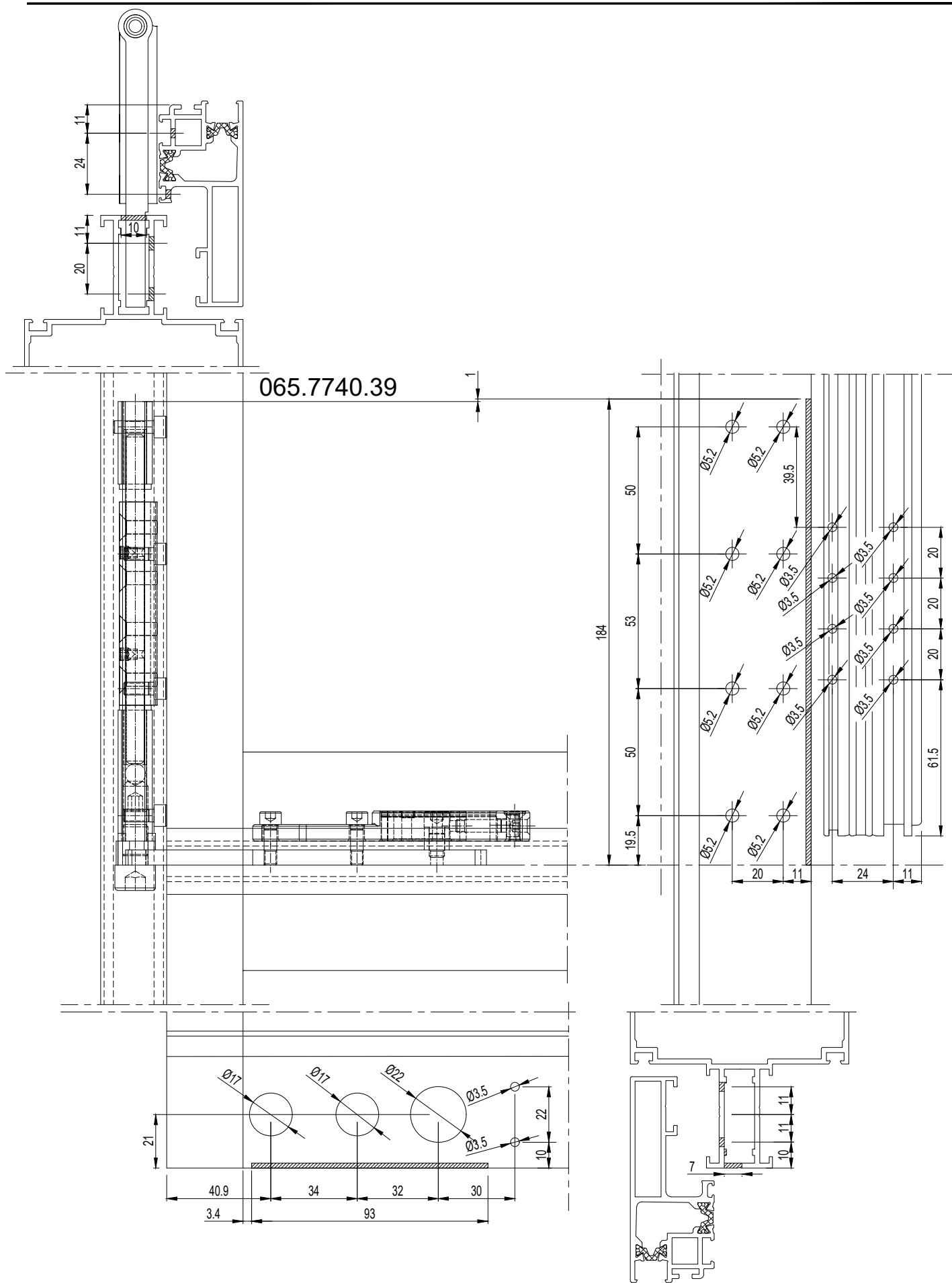




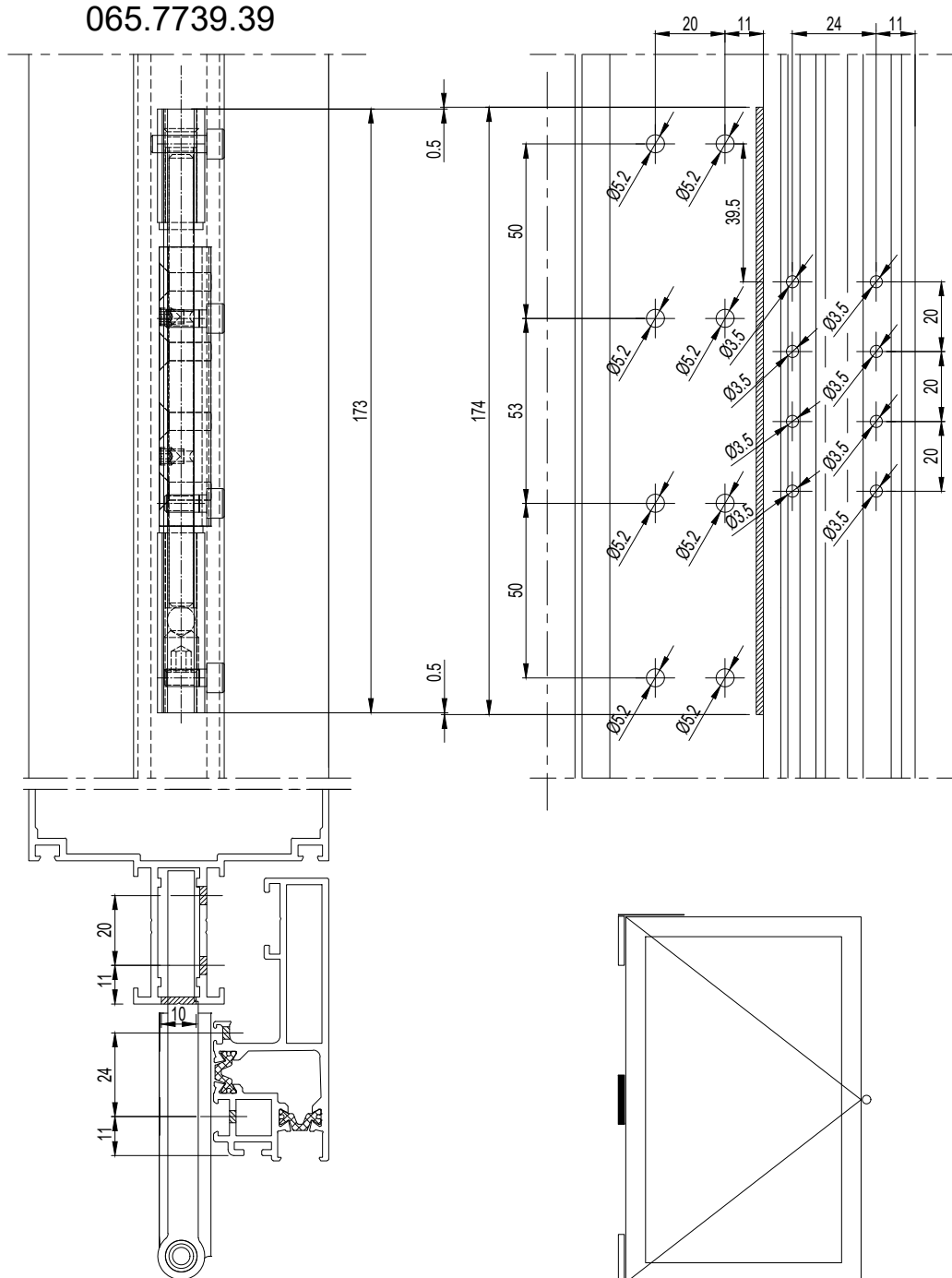


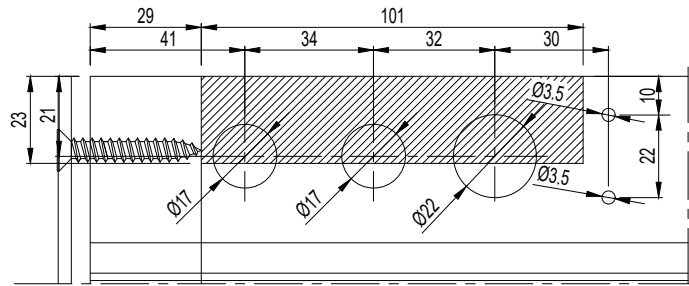
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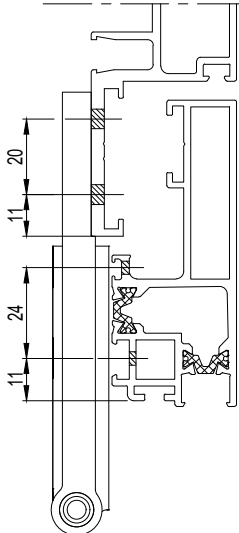
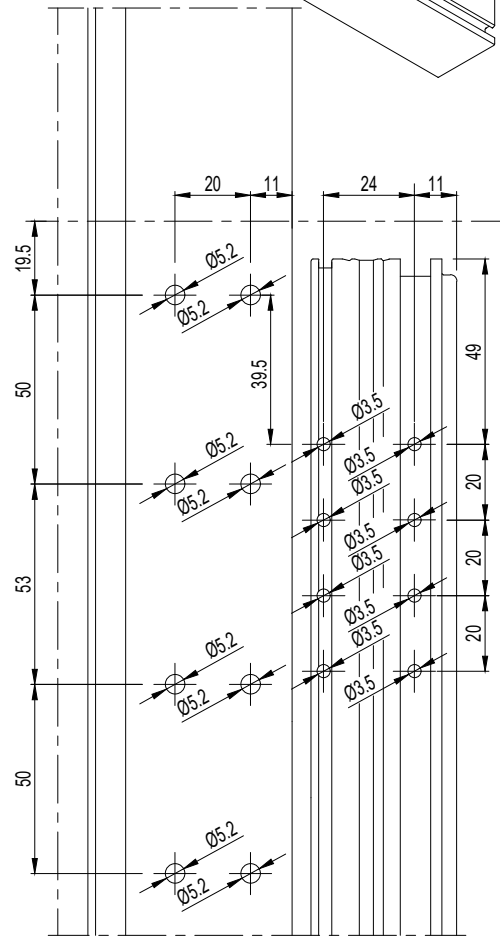
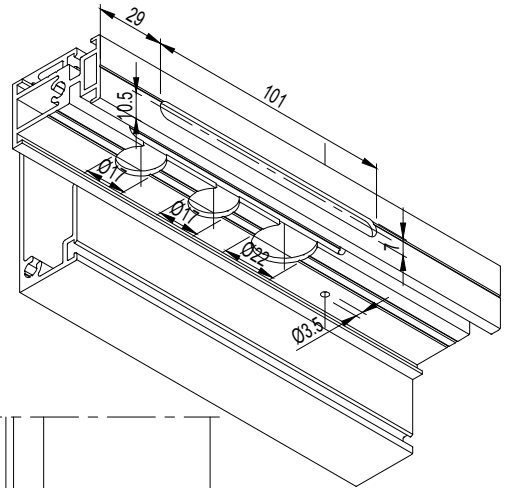


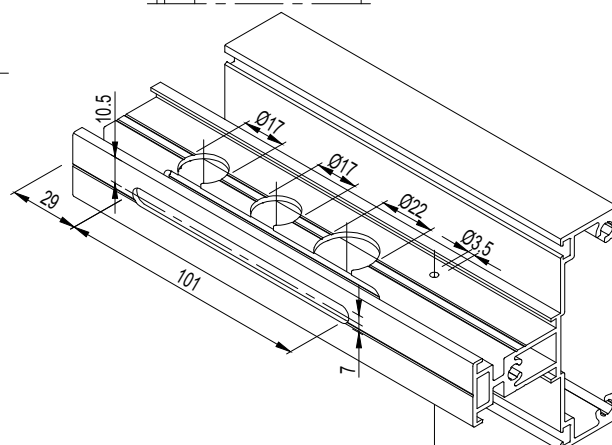
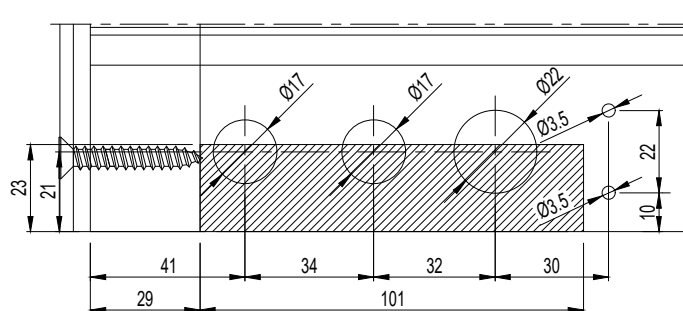
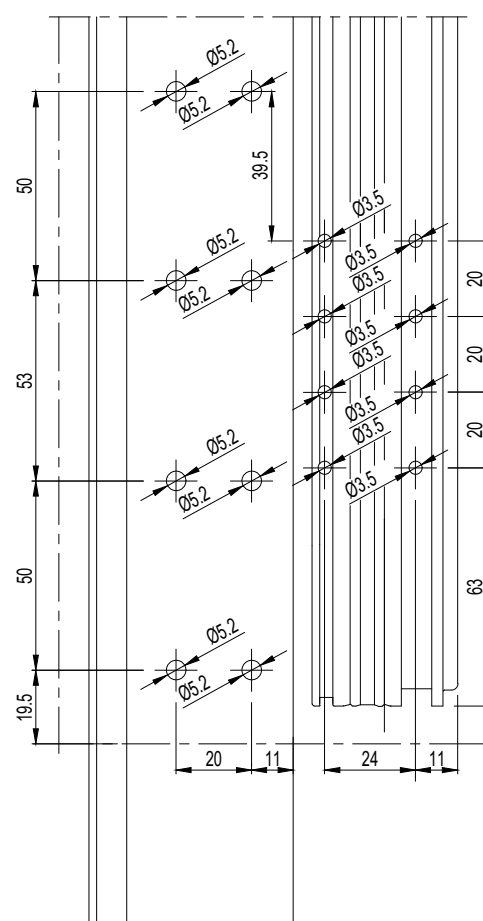
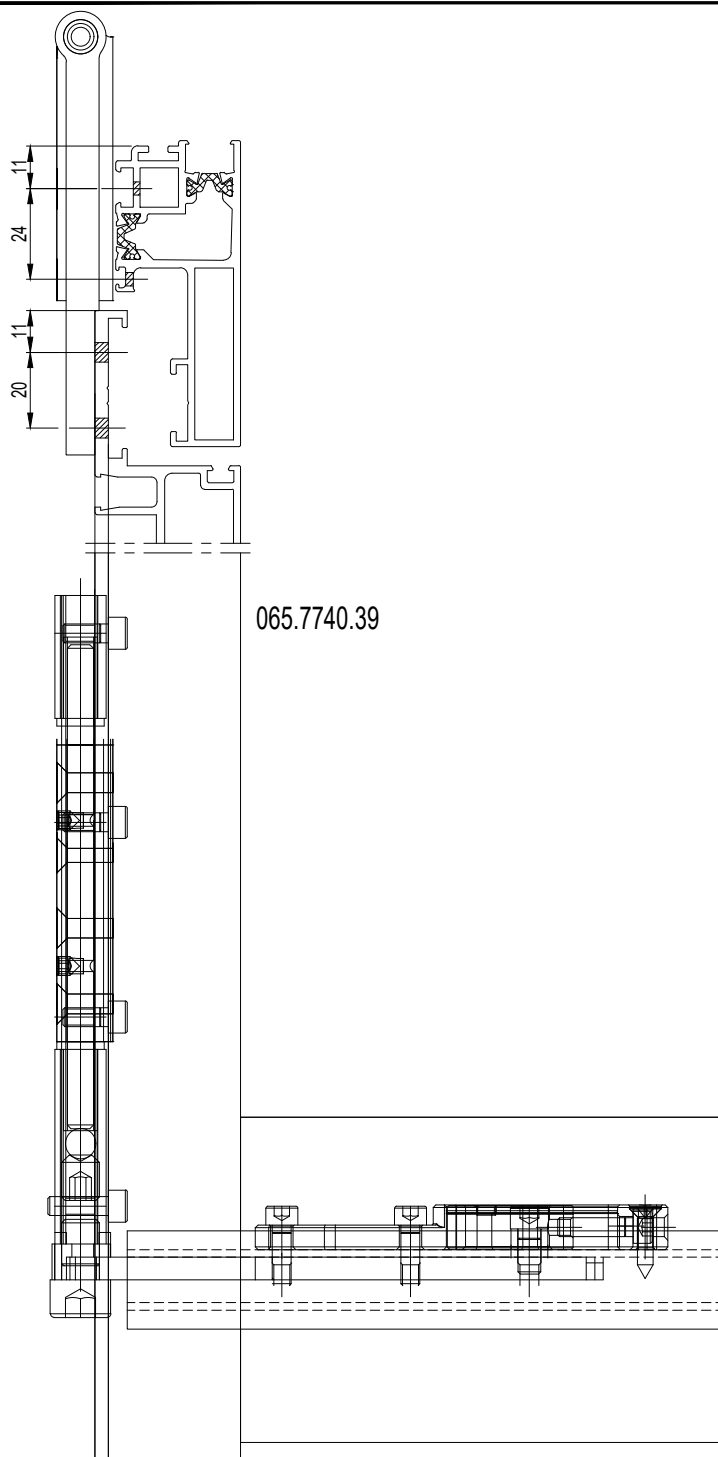
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065.7738.39

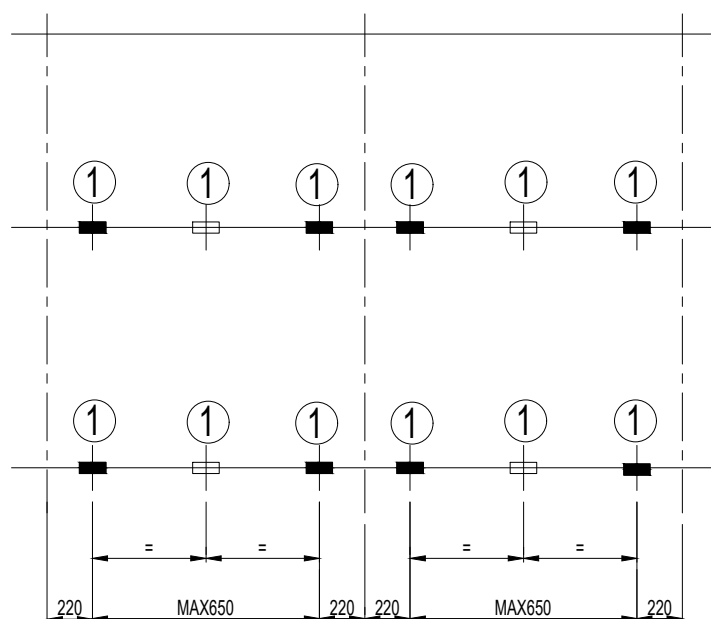




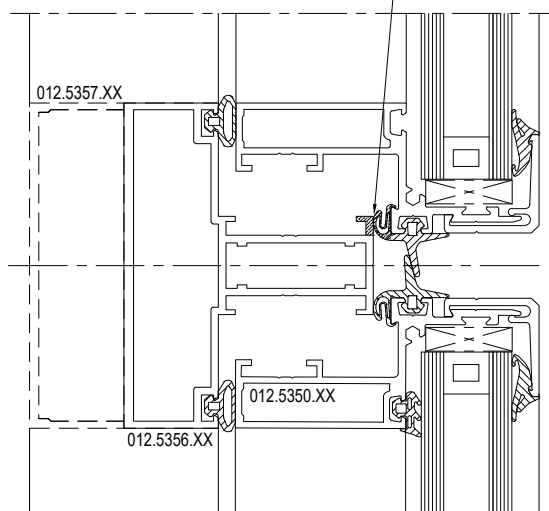


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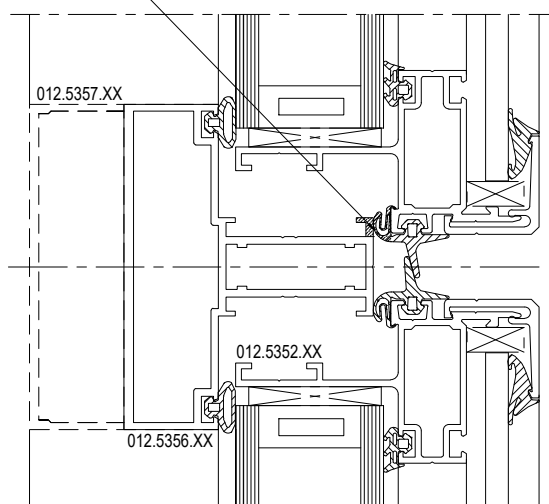
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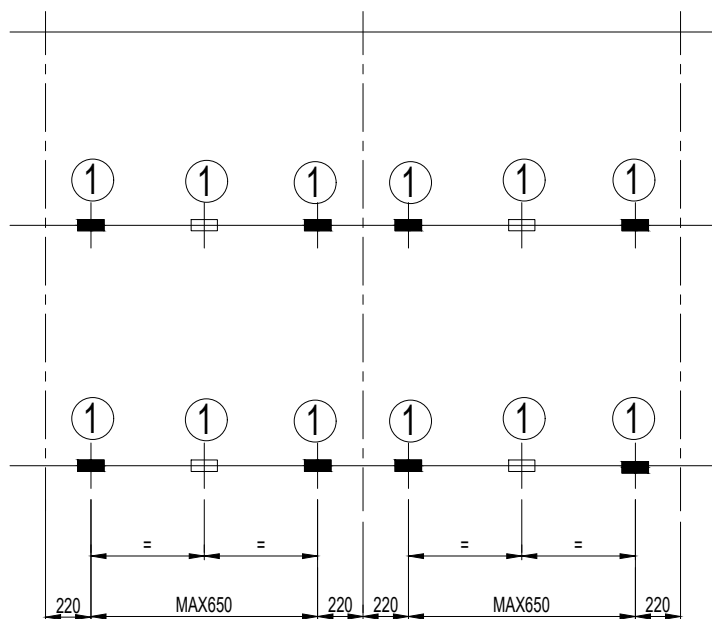


1
 UITSNIJDING PROFIEL EN RUBBER OVER 25MM
 DÉCOUPE PROFILE ET JOINT SUR 25MM
 CUT OUT OVER 25MM FOR PROFILE AND GASKET
 AUSSNEIDEN VON PROFILE UND GUMMI OVER 25MM

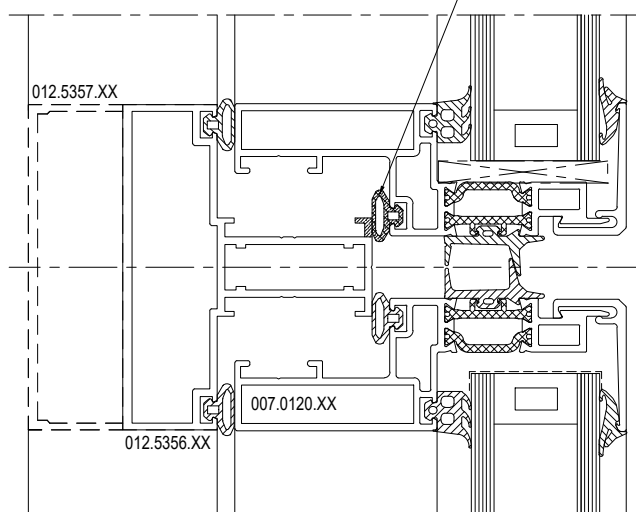


1
 UITSNIJDING PROFIEL EN RUBBER OVER 25MM
 DÉCOUPE PROFILE ET JOINT SUR 25MM
 CUT OUT OVER 25MM FOR PROFILE AND GASKET
 AUSSNEIDEN VON PROFILE UND GUMMI OVER 25MM



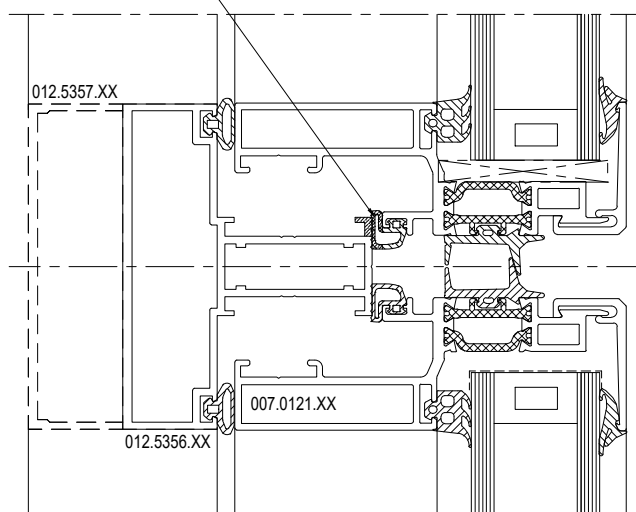


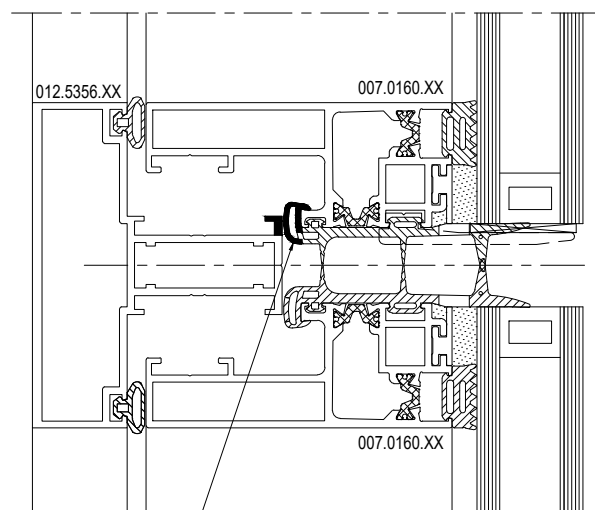
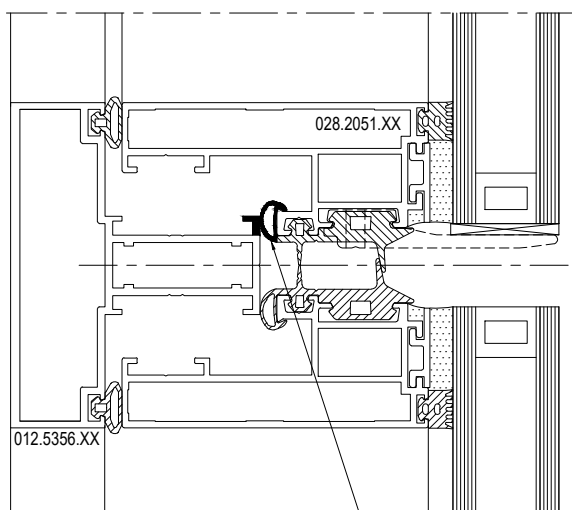
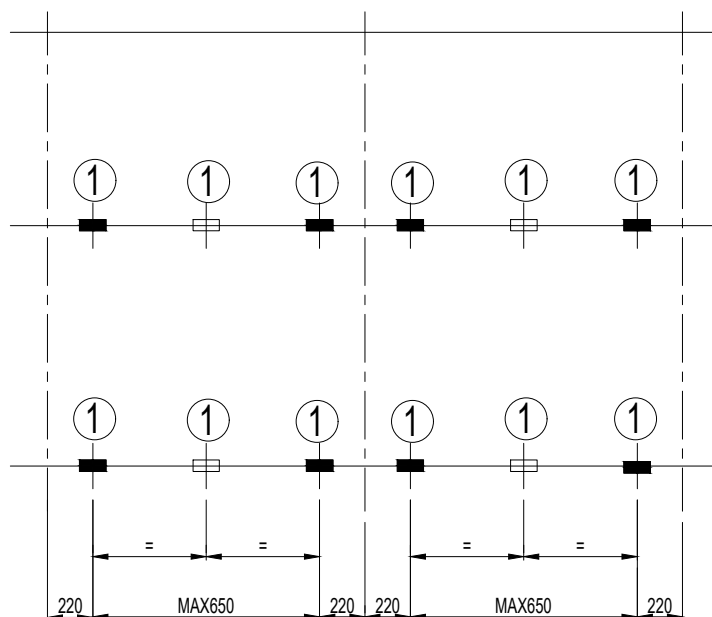
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UITSNIJDING PROFIEL EN RUBBER OVER 25MM
DÉCOUPE PROFILE ET JOINT SUR 25MM
CUT OUT OVER 25MM FOR PROFILE AND GASKET
AUSSNEIDEN VON PROFILE UND GUMMI OVER 25MM



UITSNIJDING PROFIEL EN RUBBER OVER 25MM
DÉCOUPE PROFILE ET JOINT SUR 25MM

CUT OUT OVER 25MM FOR PROFILE AND GASKET
AUSSNEIDEN VON PROFILE UND GUMMI OVER 25MM

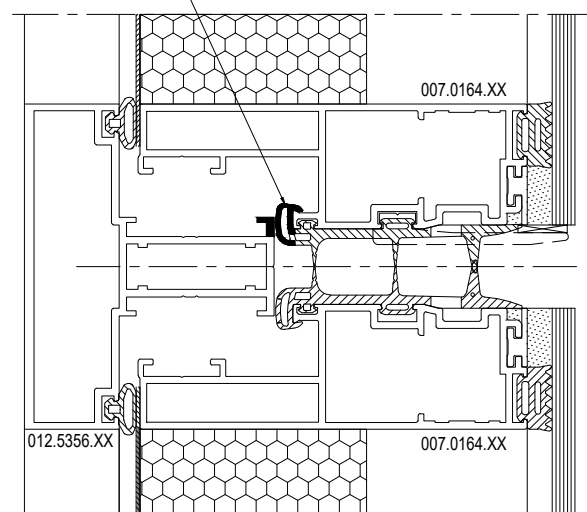
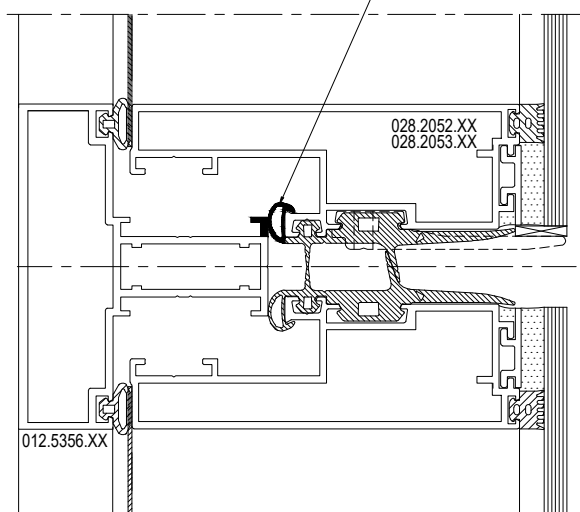


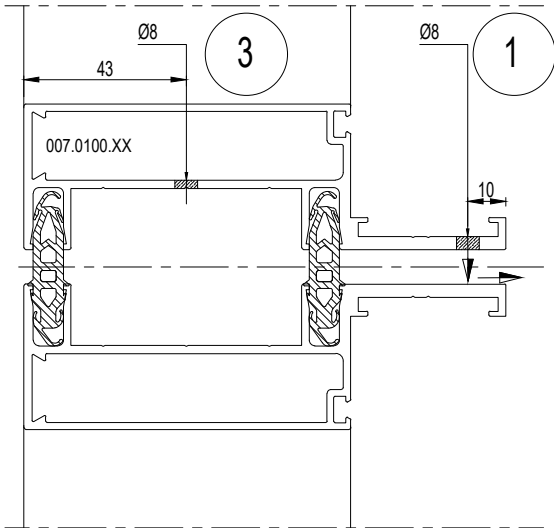
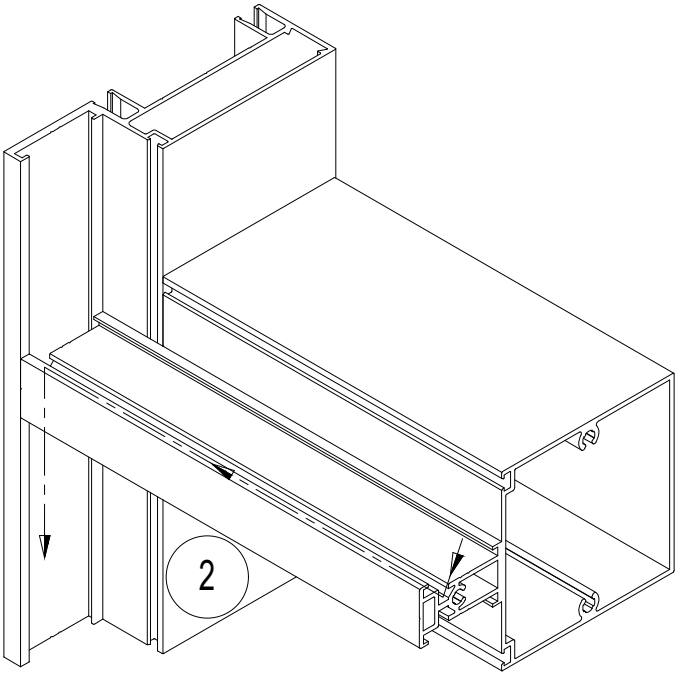
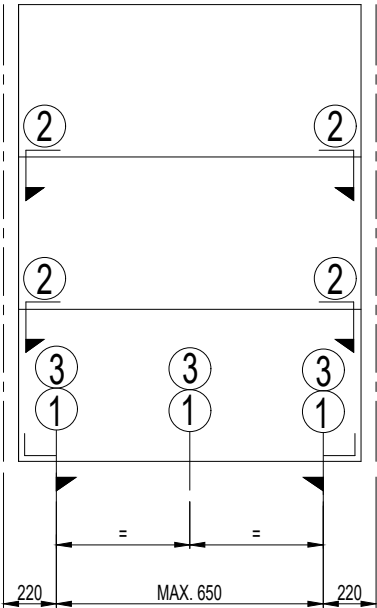


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UITSNIJDING PROFIEL EN RUBBER OVER 25MM
DÉCOUPE PROFILE ET JOINT SUR 25MM

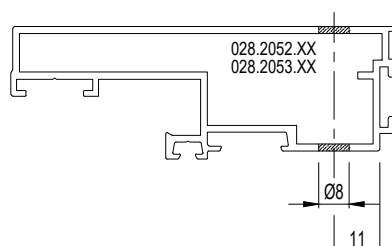
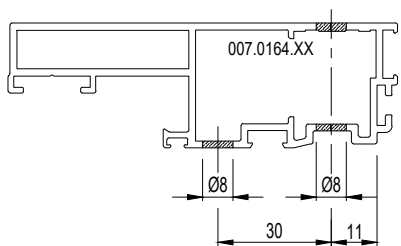
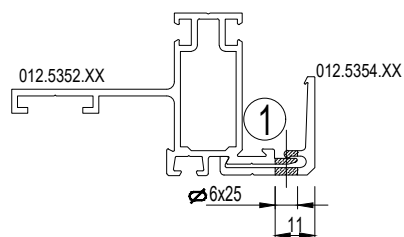
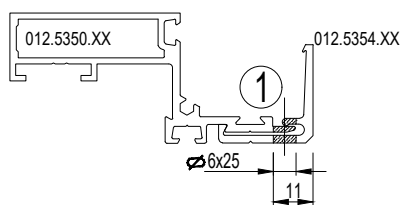
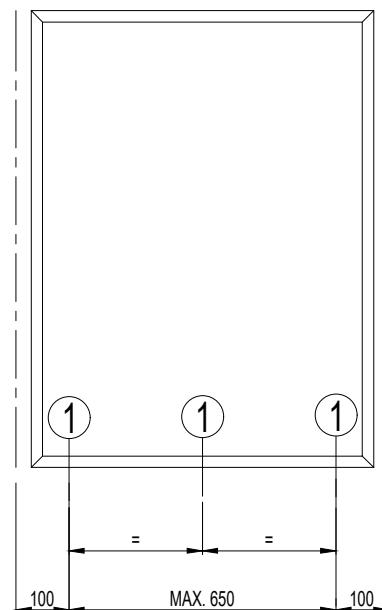
CUT OUT OVER 25MM FOR PROFILE AND GASKET
AUSSNEIDEN VON PROFILE UND GUMMI OVER 25MM





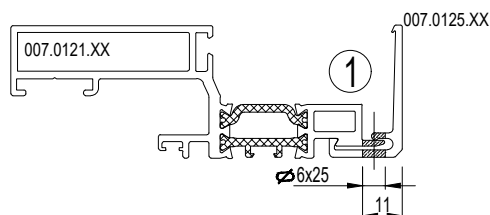
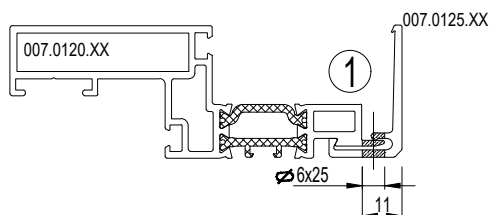
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DRAINAGE DANS PARCLOSE
DRAINAGE IN GLAZING BEAD
ENTWAESSERUNG IN GLASLEISTE

097.S100.00



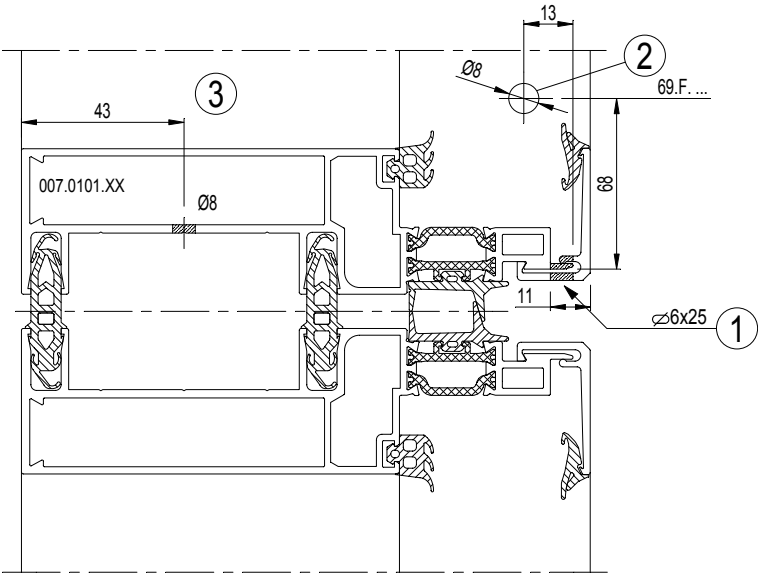
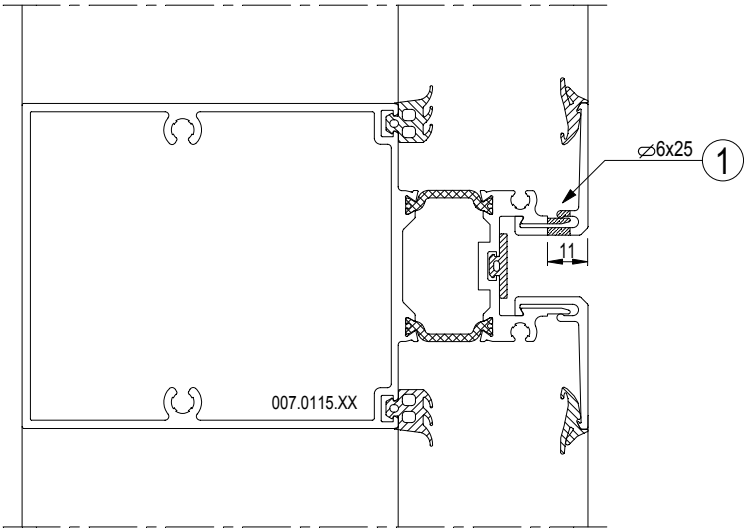
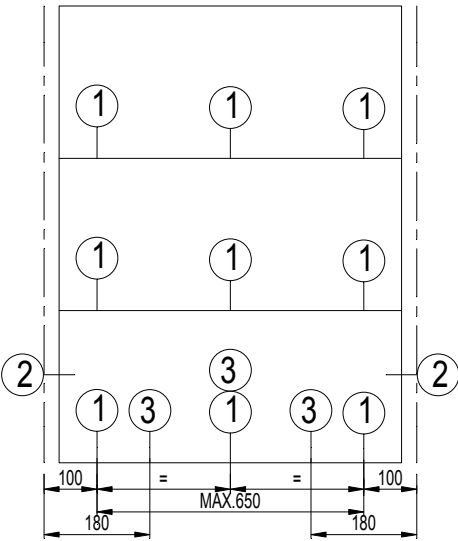
ONTWATERING EN VERLUCHTING VOLGENS LOKALE RICHTLIJNEN
DRAINAGE ET AERATION SELON LES DIRECTIVES LOCALES
DRAINAGE AND VENTILATION ACCORDING TO THE LOCAL INSTRUCTIONS
ENTWAESSERUNG UND BELUEFTUNG GEMAESS DEN LOKALEN RICHTLINIEN

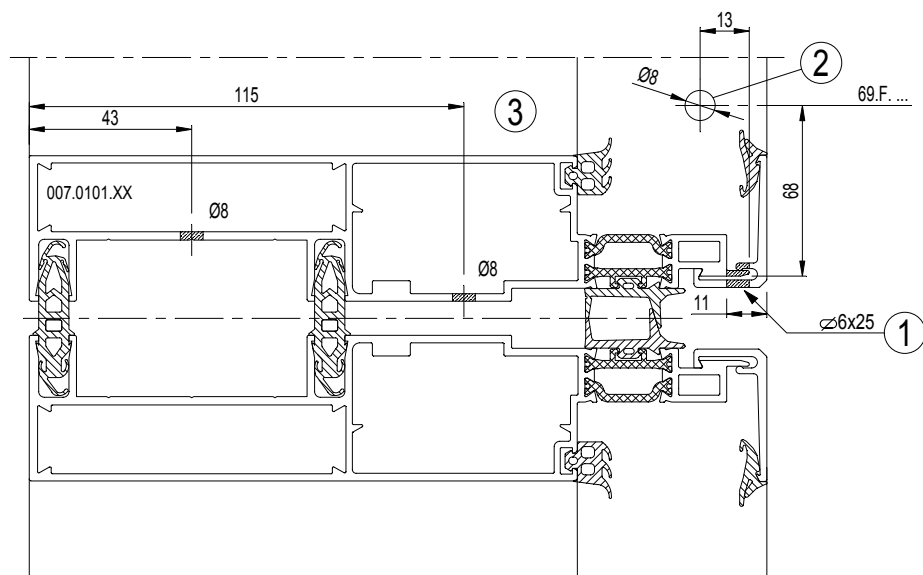
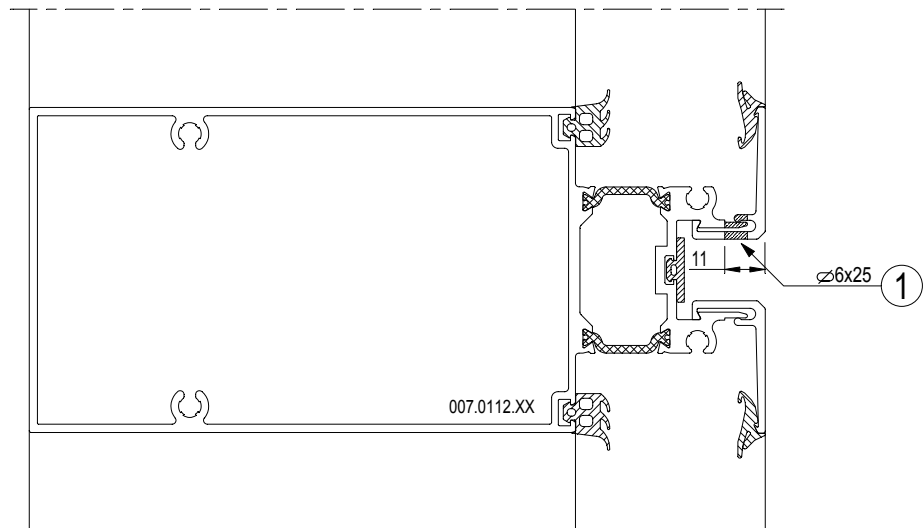
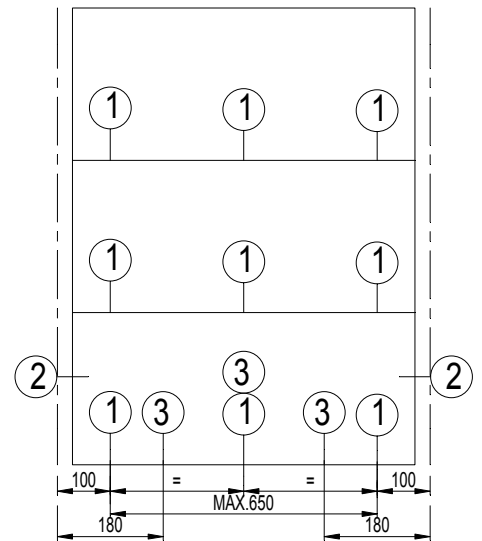
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DRAINAGE ET AERATION SELON LES DIRECTIVES LOCALES
DRAINAGE AND VENTILATION ACCORDING TO THE LOCAL INSTRUCTIONS
ENTWAESSERUNG UND BELUEFTUNG GEMAESS DEN LOKALEN RICHTLINIEN

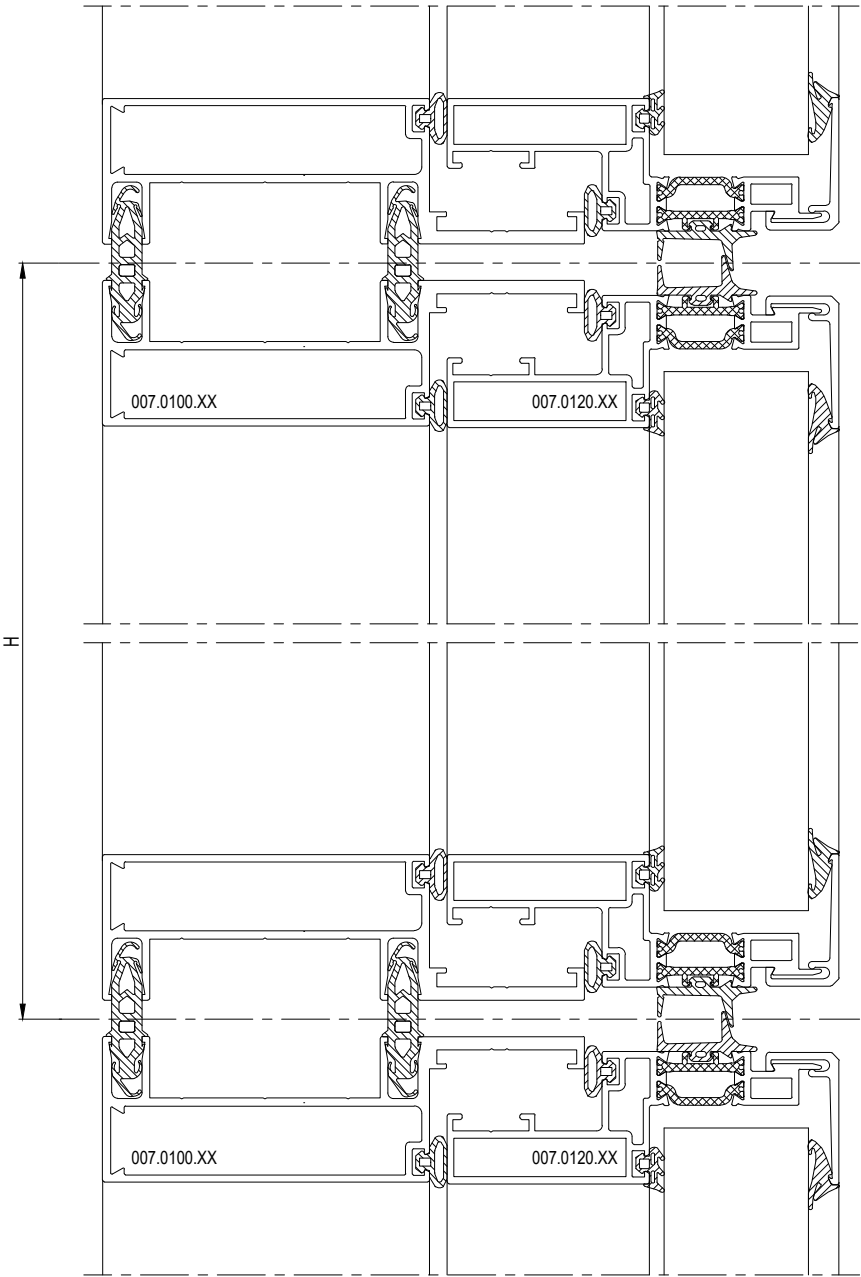


ONTWATERING IN GLASLAT
DRAINAGE DANS PARCLOSE
DRAINAGE IN GLAZING BEAD
ENTWAESSERUNG IN GLASLEISTE

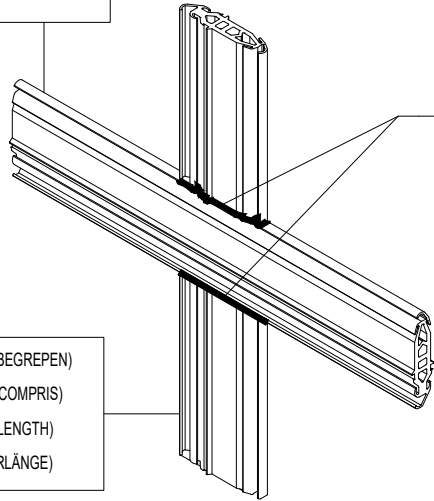
097.S100.00







HORIZONTALE RUBBER : DOORLOPEND
JOINT HORIZONTAL : CONTINU
HORIZONTAL GASKET : CONTINUOUS
HORIZONTALE DICHTUNG : DURCHLAUFEND

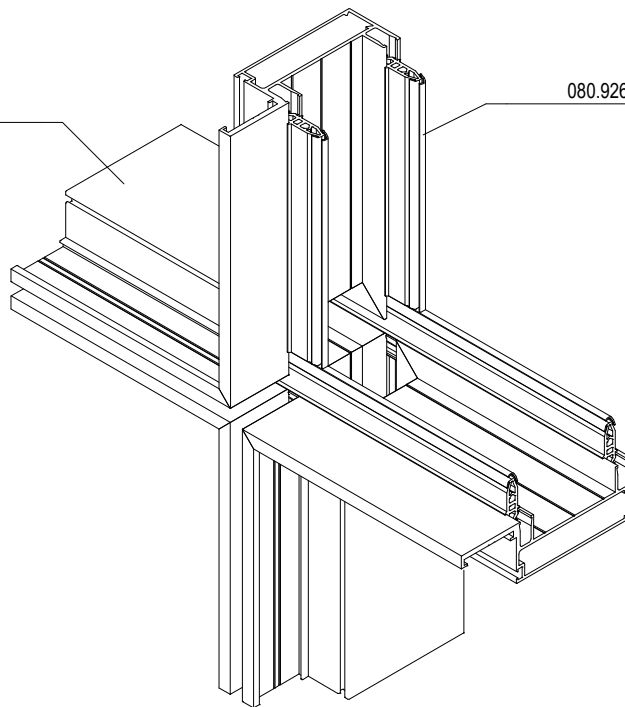


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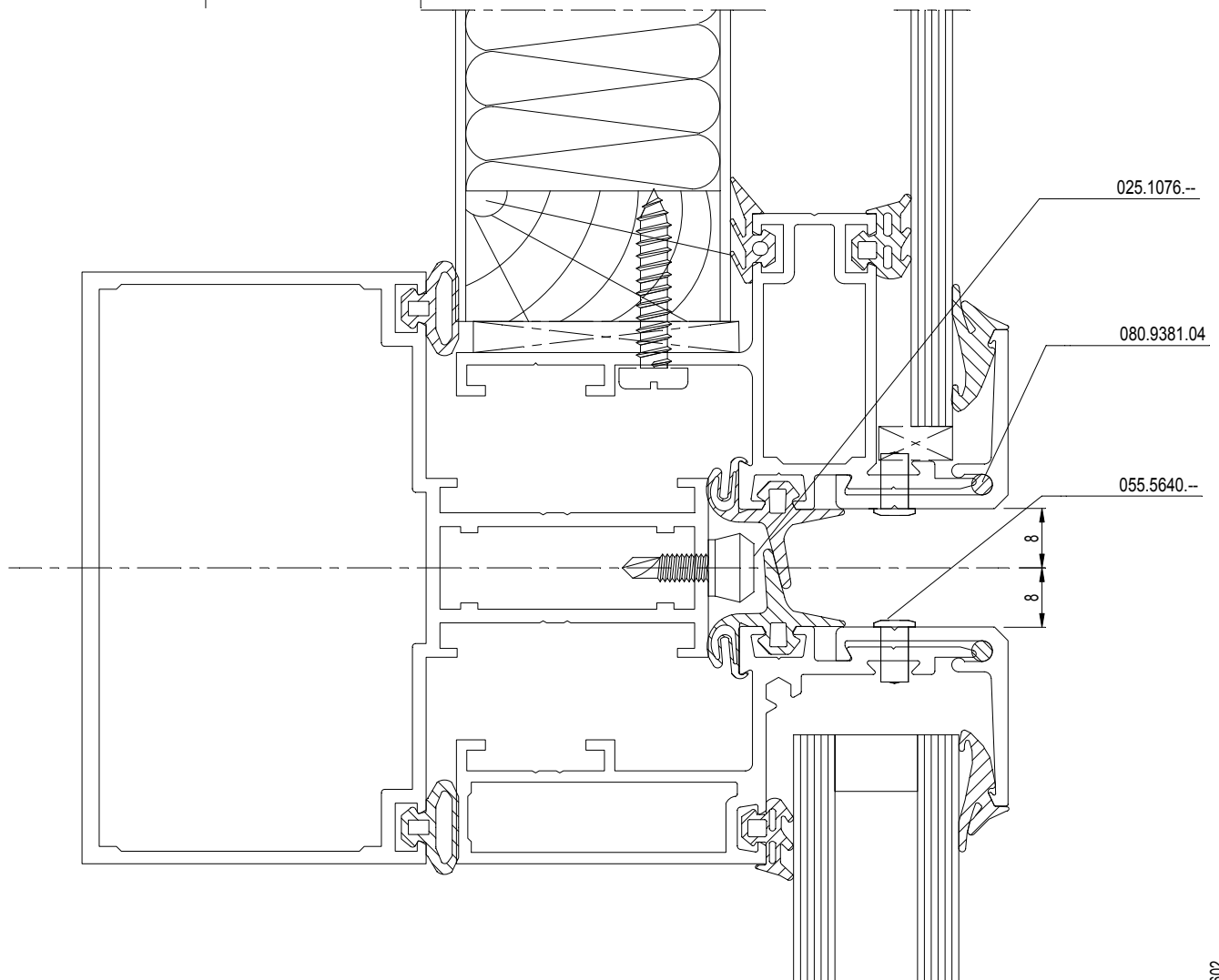
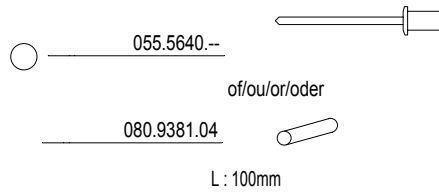
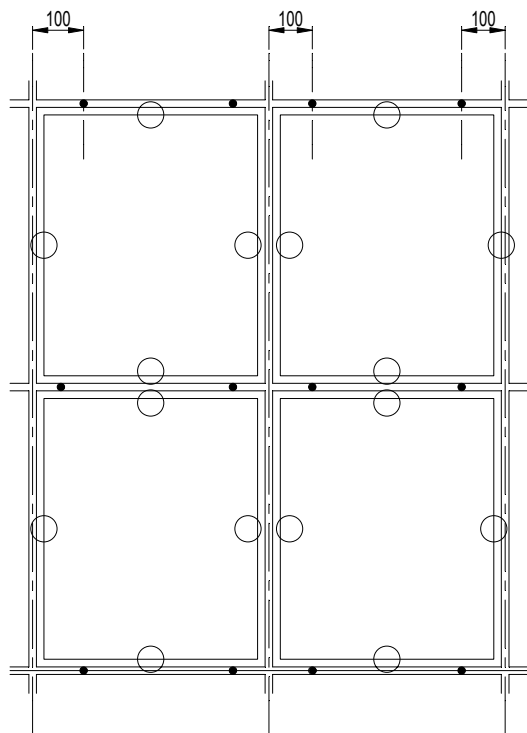
VULCANISEERLIJM VOOR DICHTINGEN EPDM
COLLE VULCANISANTE POUR JOINTS EPDM
VULCANISING GLUE FOR GASKET EPDM
VULCANISIERKLEBER FÜR DICHTUNGEN EPDM

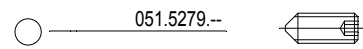
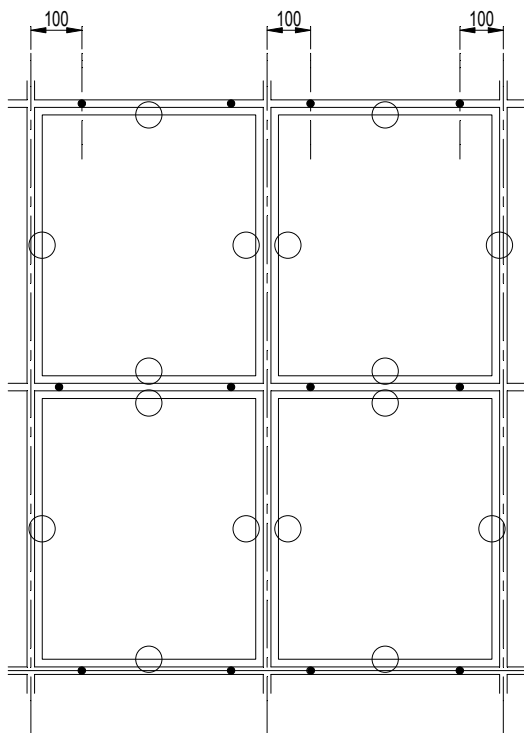
VERTICALE RUBBER : LENGTE = H (OVERLENGTE INBEGREPEN)
JOINT VERTICAL : LONGUEUR = H (SURLONGUEUR Y COMPRIS)
VERTICAL GASKET : LENGTH = H (INCLUDING OVERLENGTH)
VERTICALE DICHTUNG : LÄNGE = H (EINSCHL. ÜBERLÄNGE)

007.0100.XX

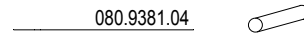


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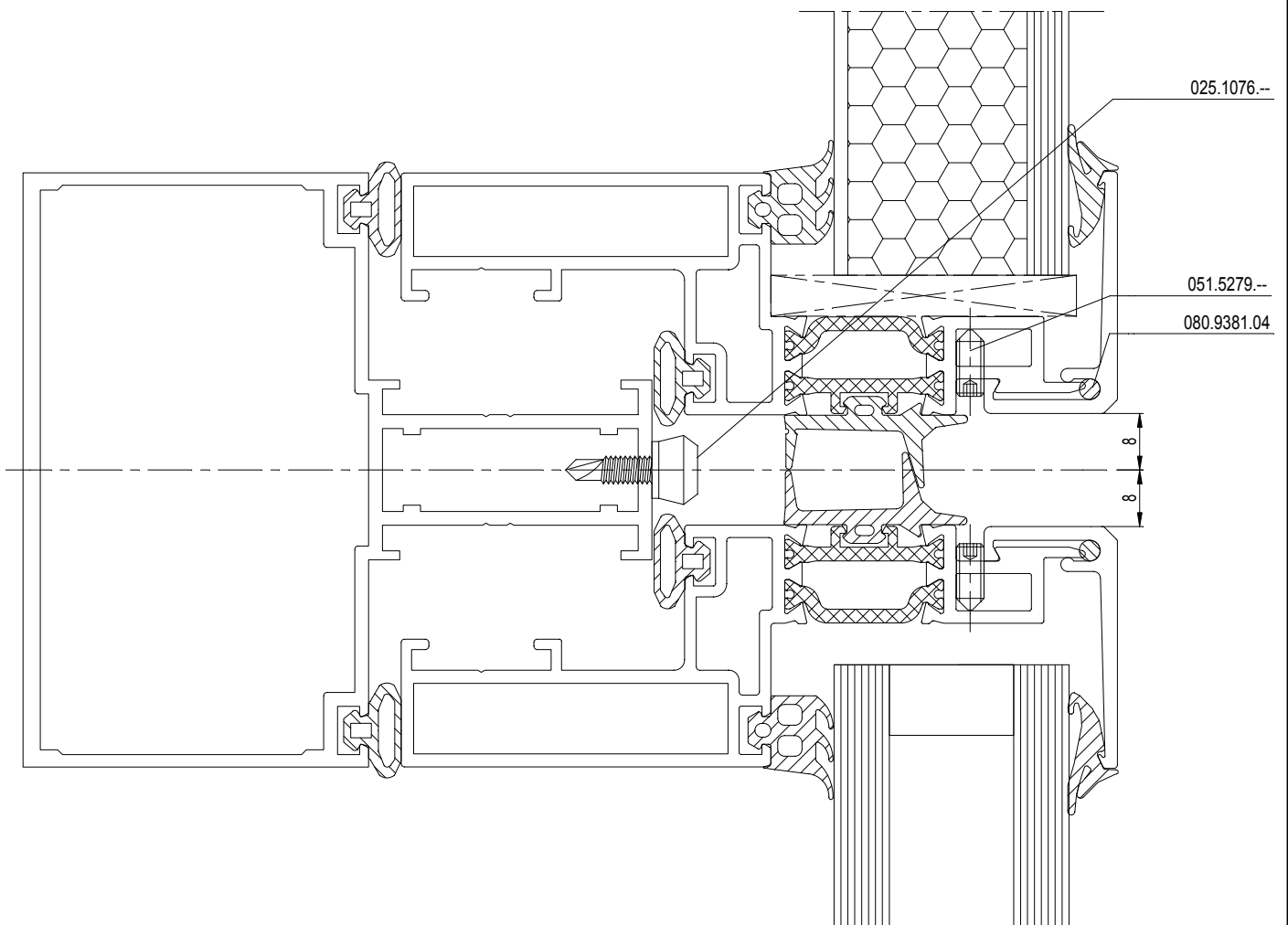
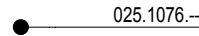


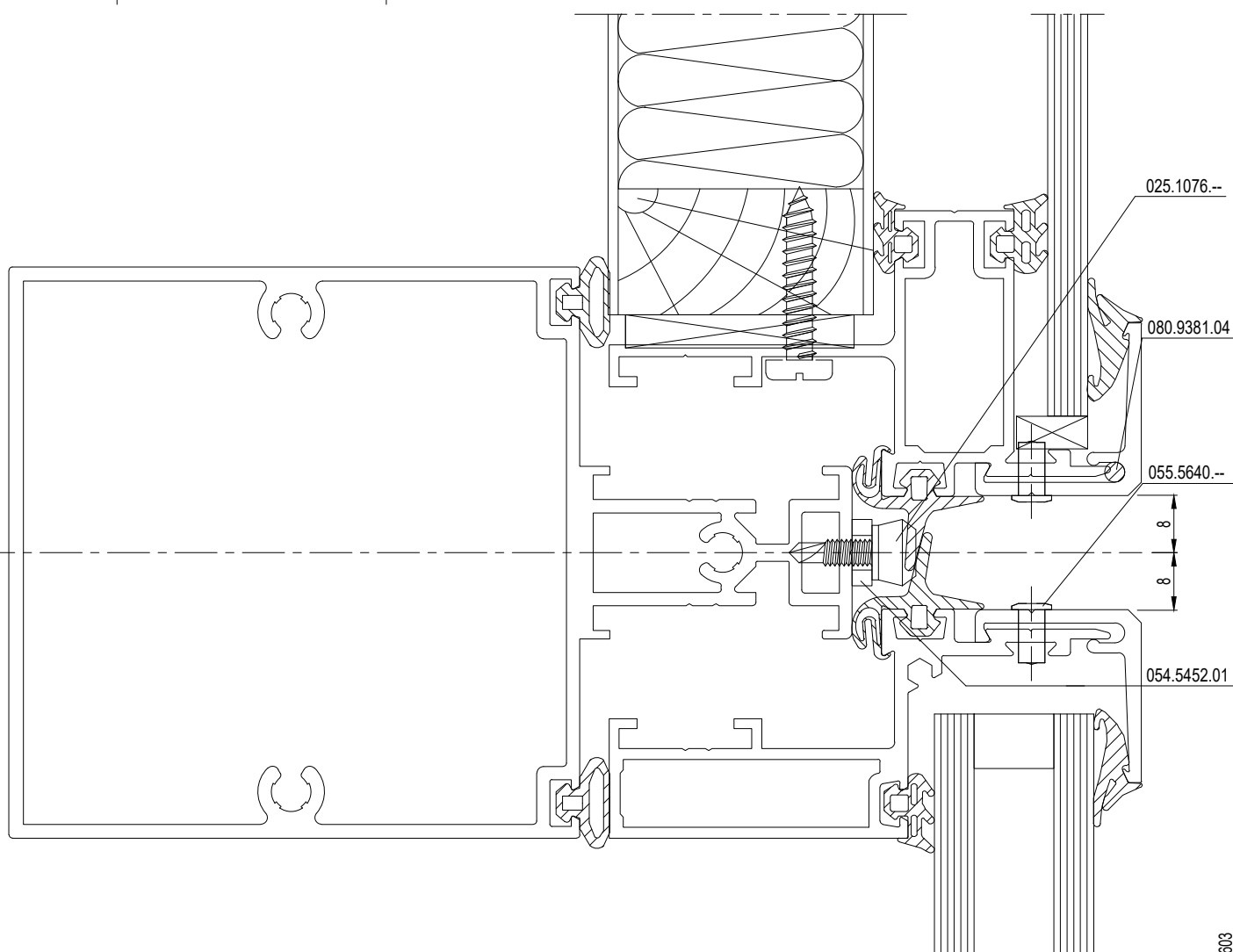
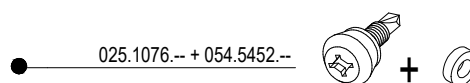
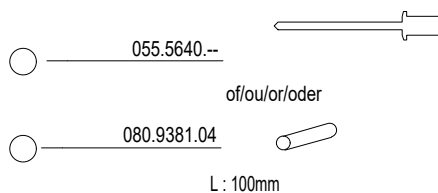
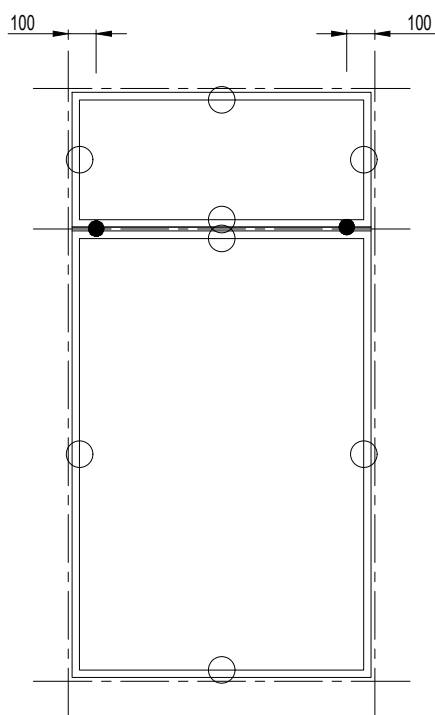


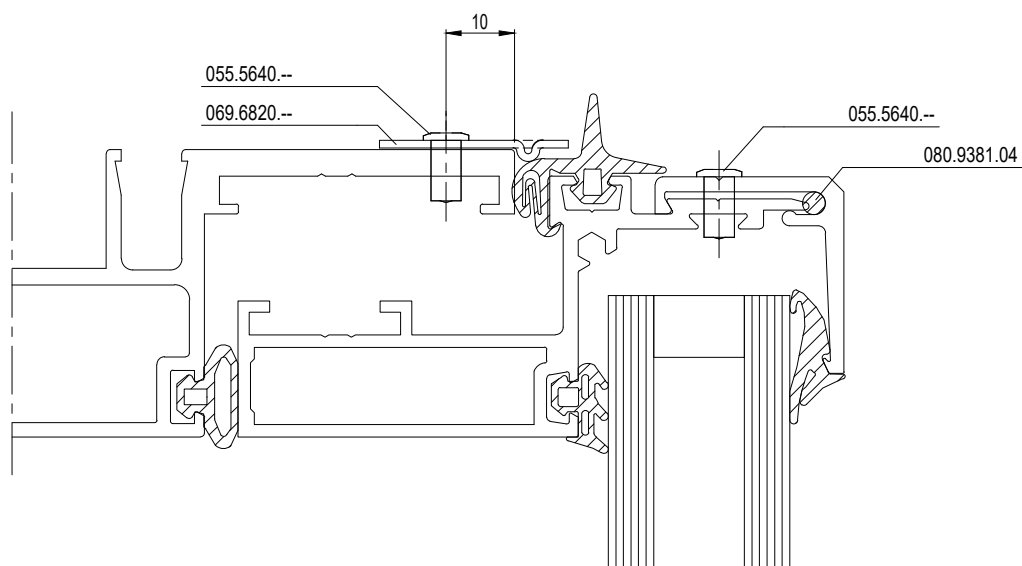
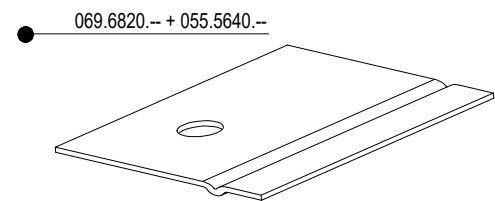
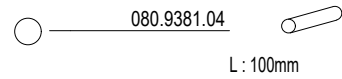
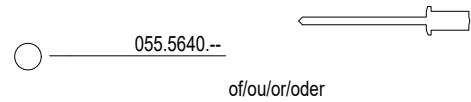
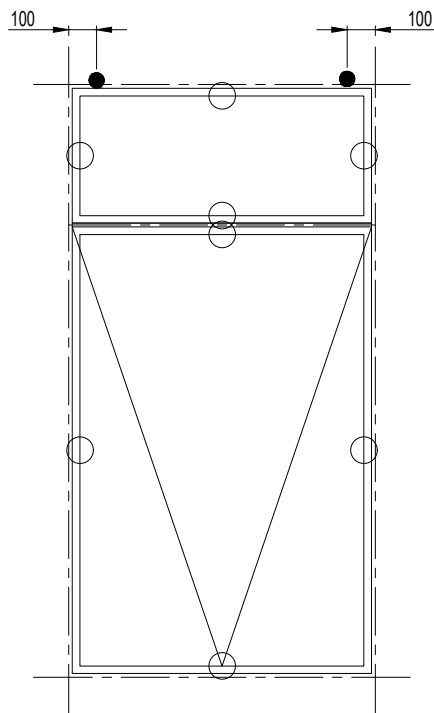
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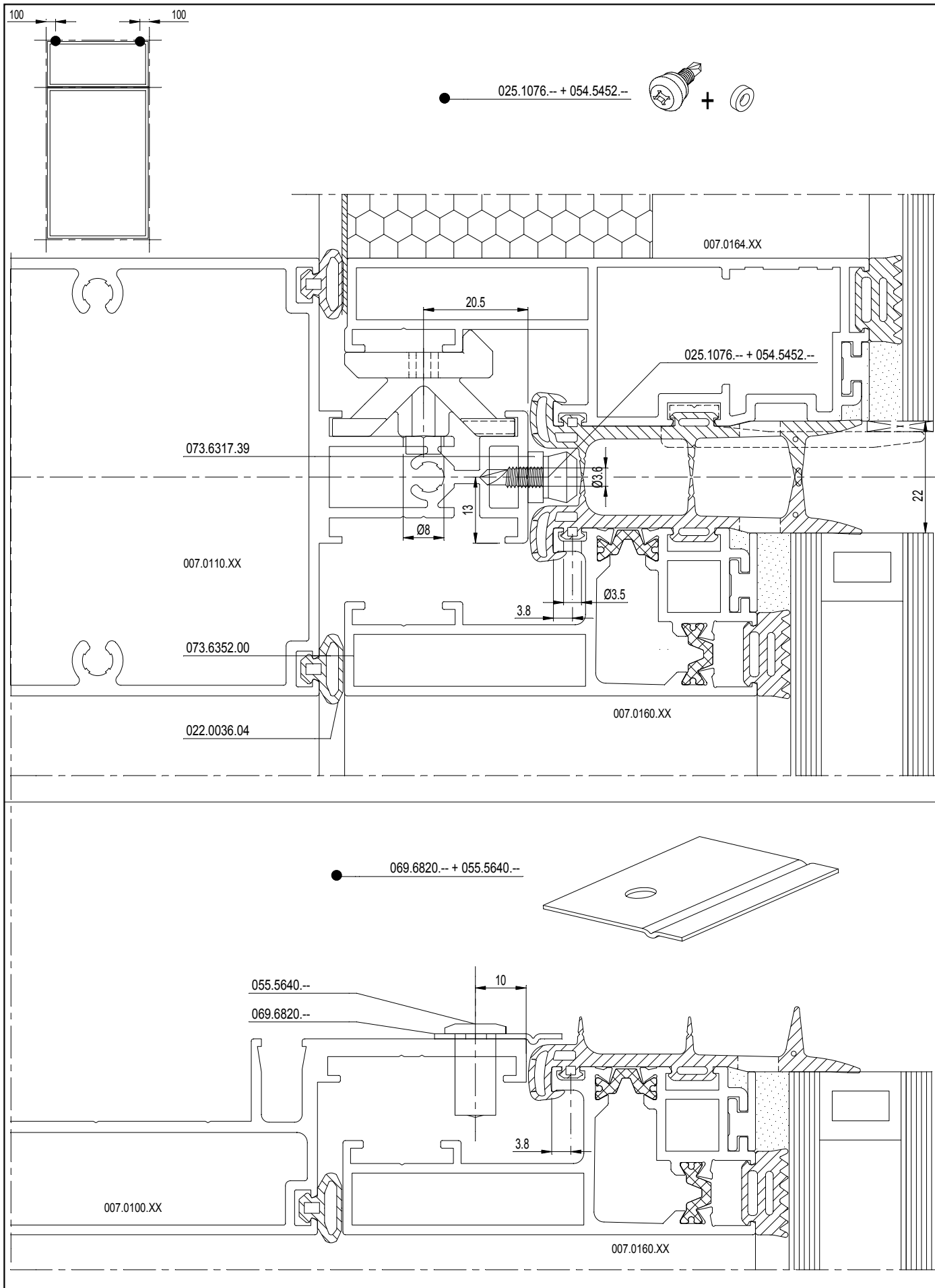


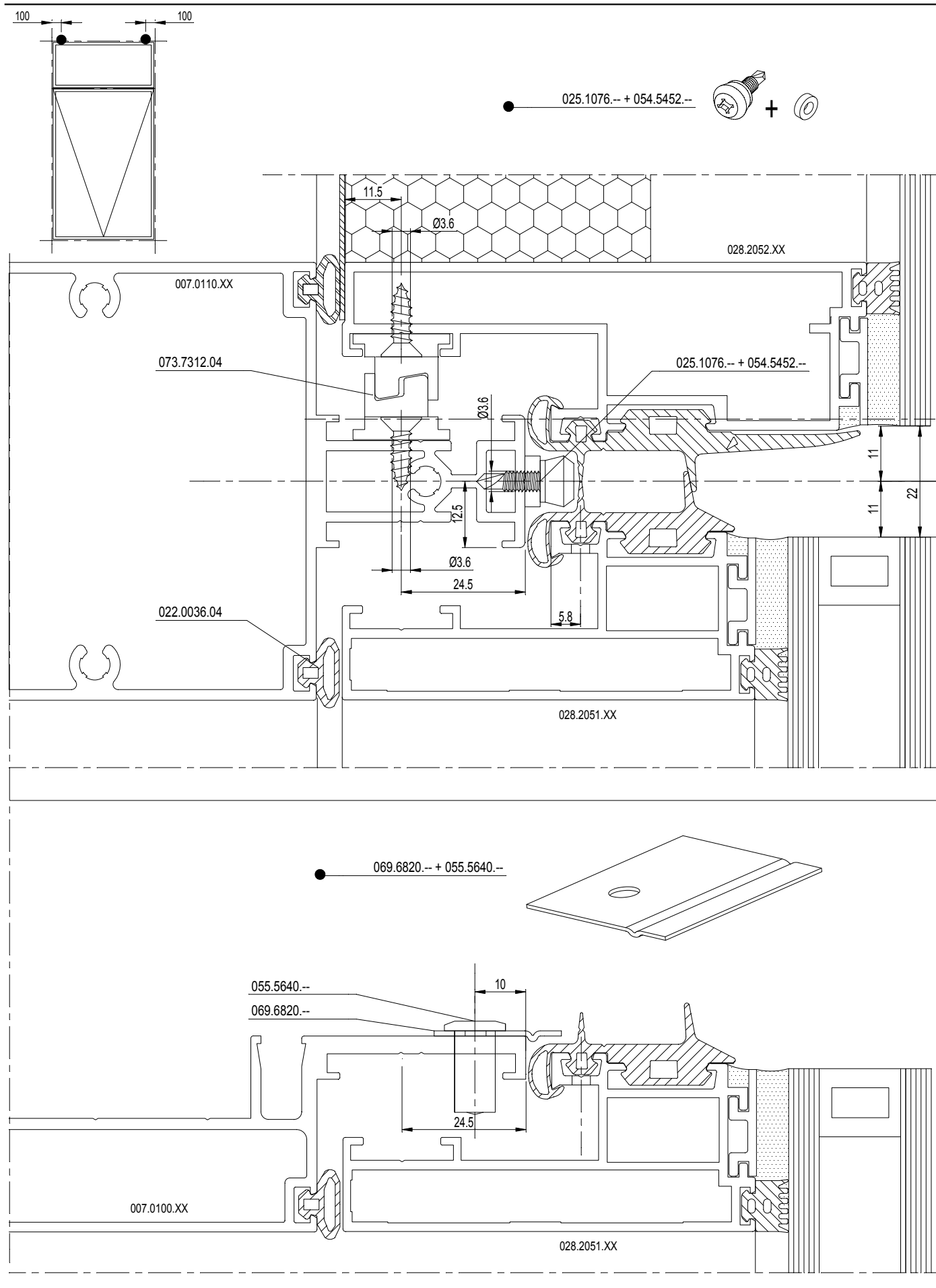
L : 100mm

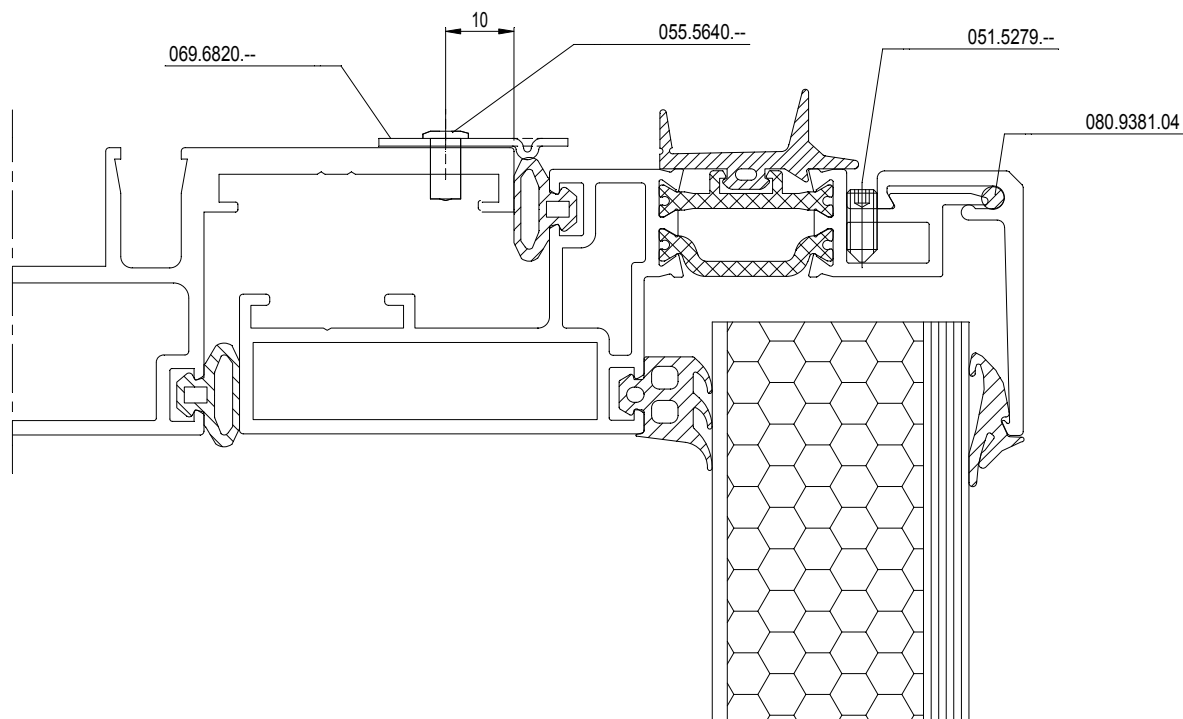
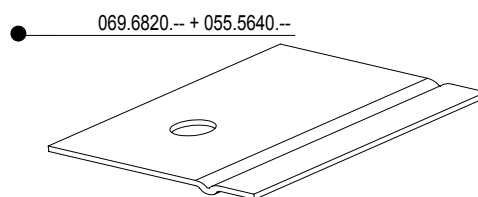
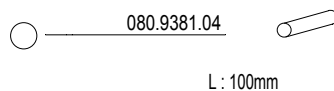
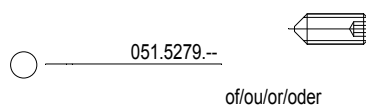
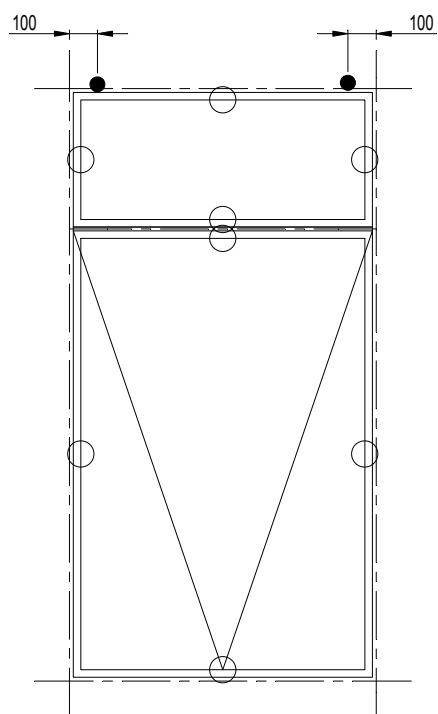


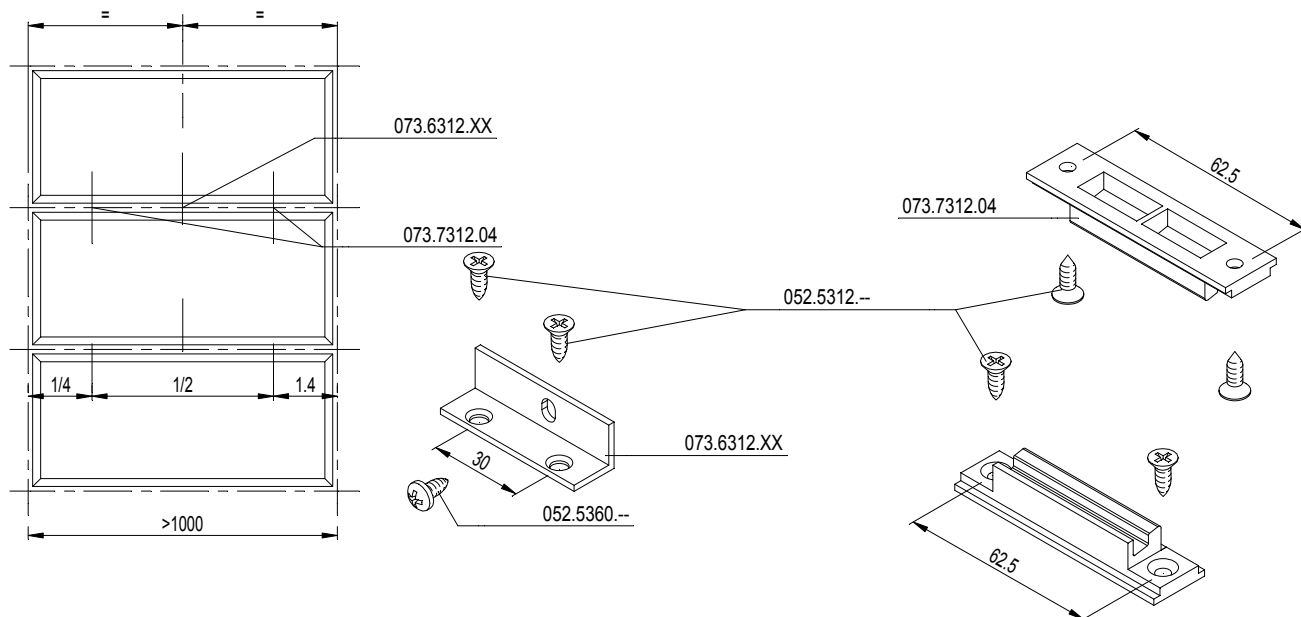




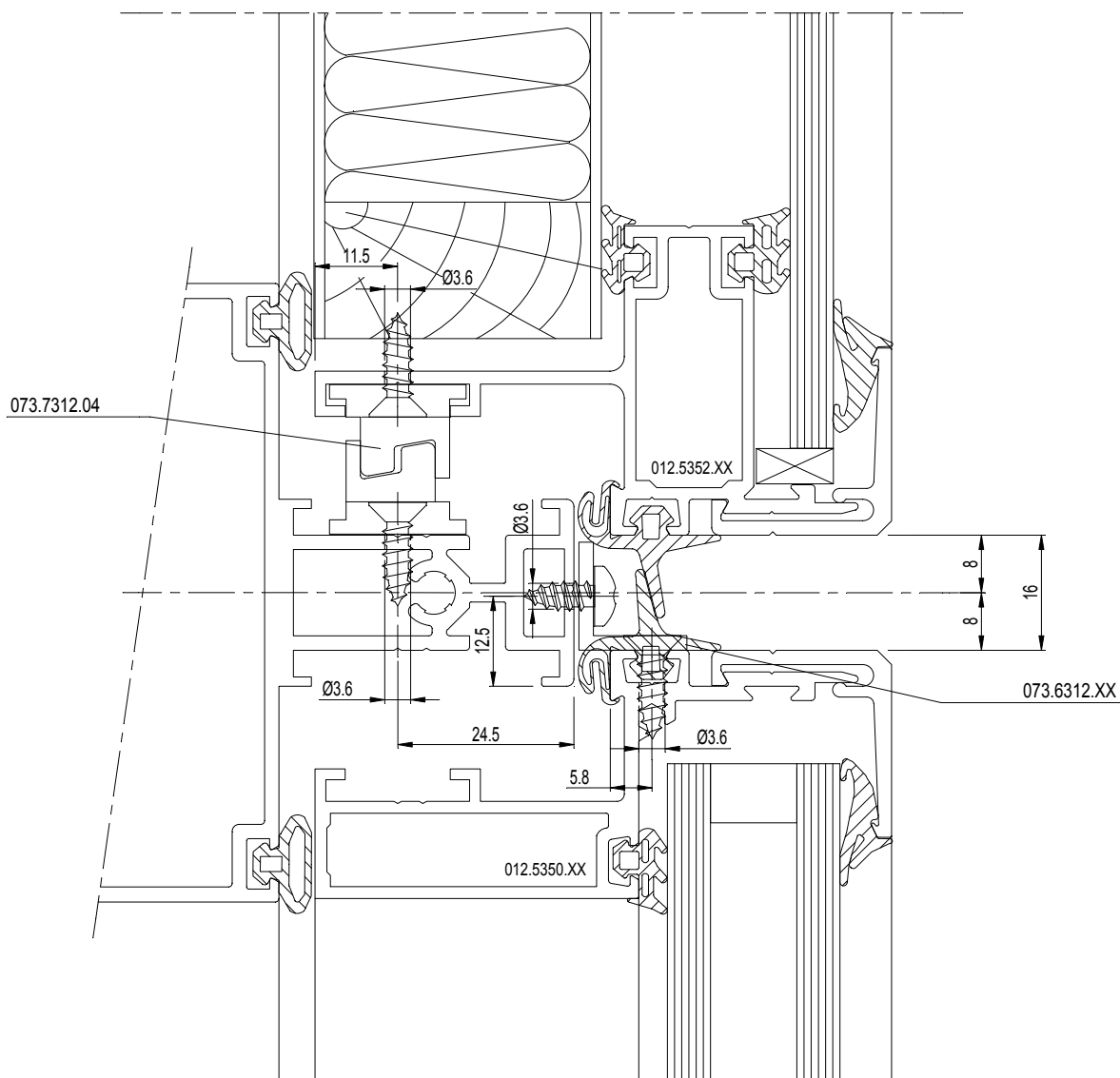


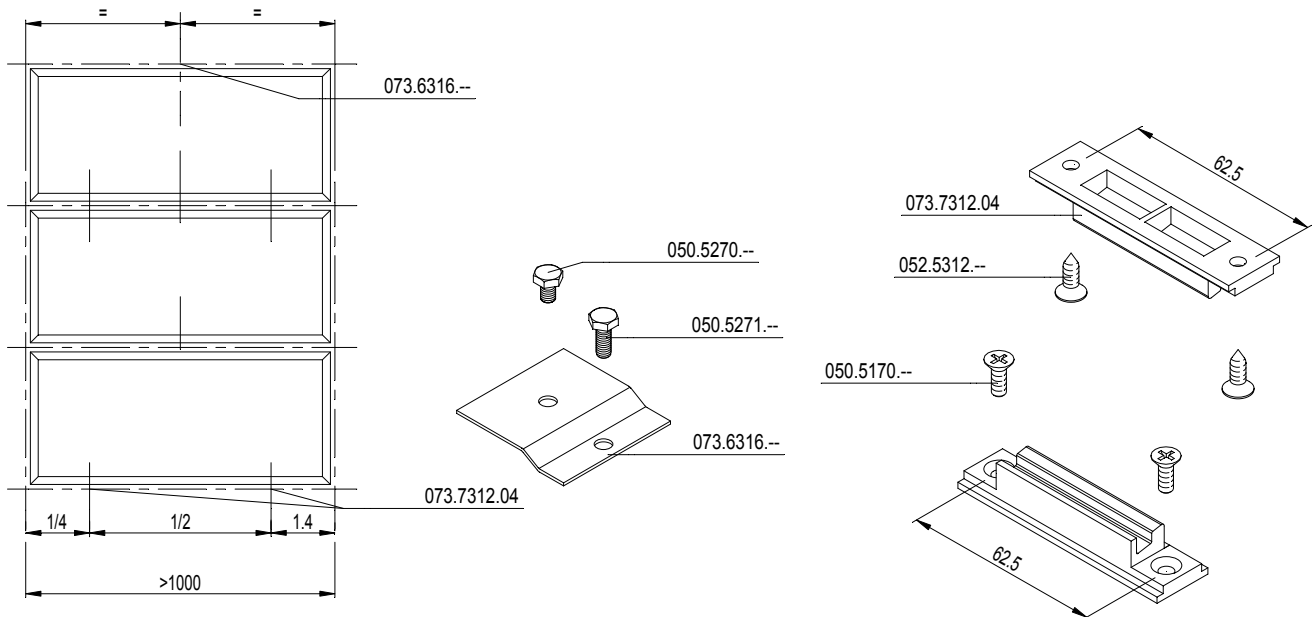




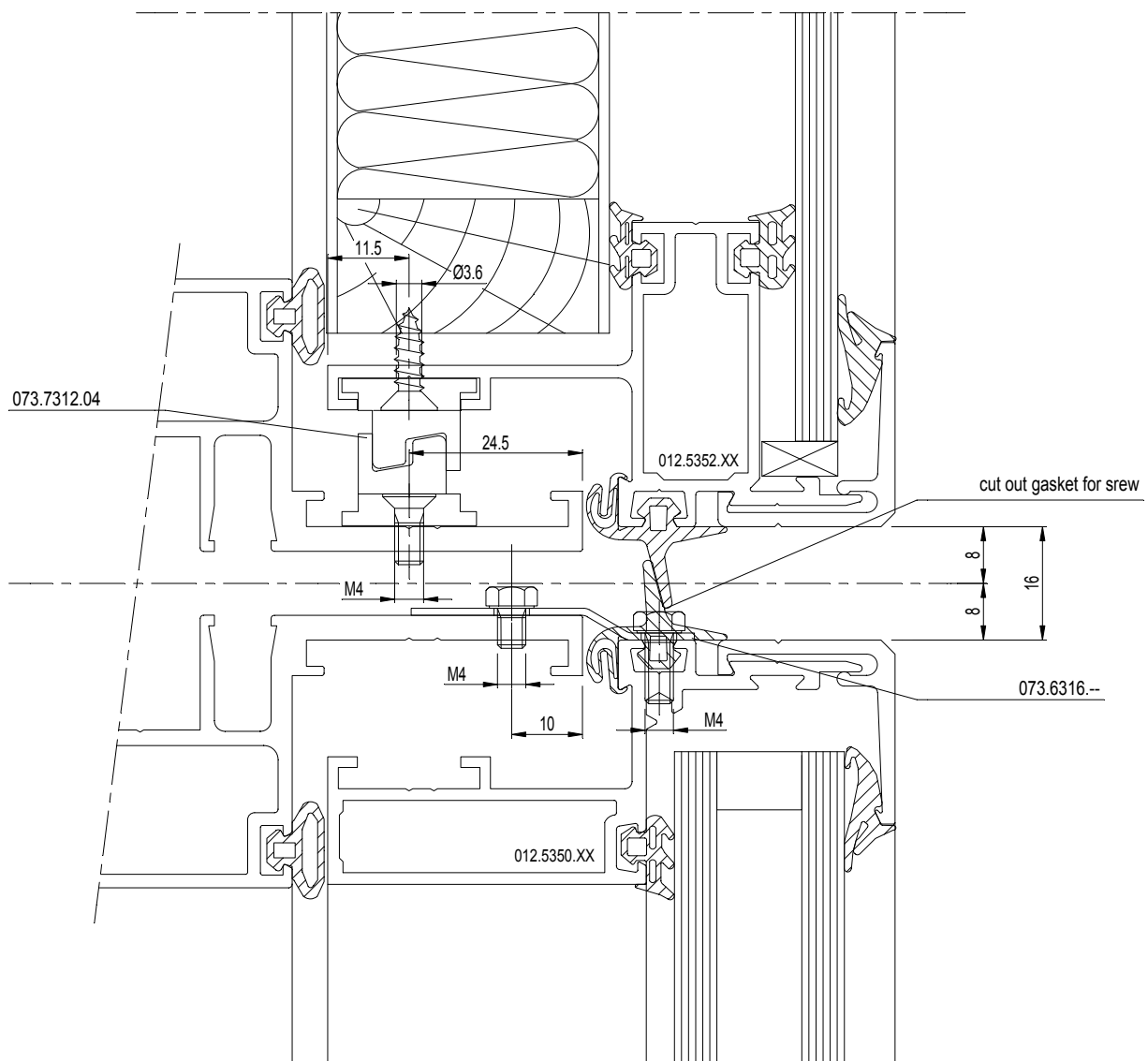


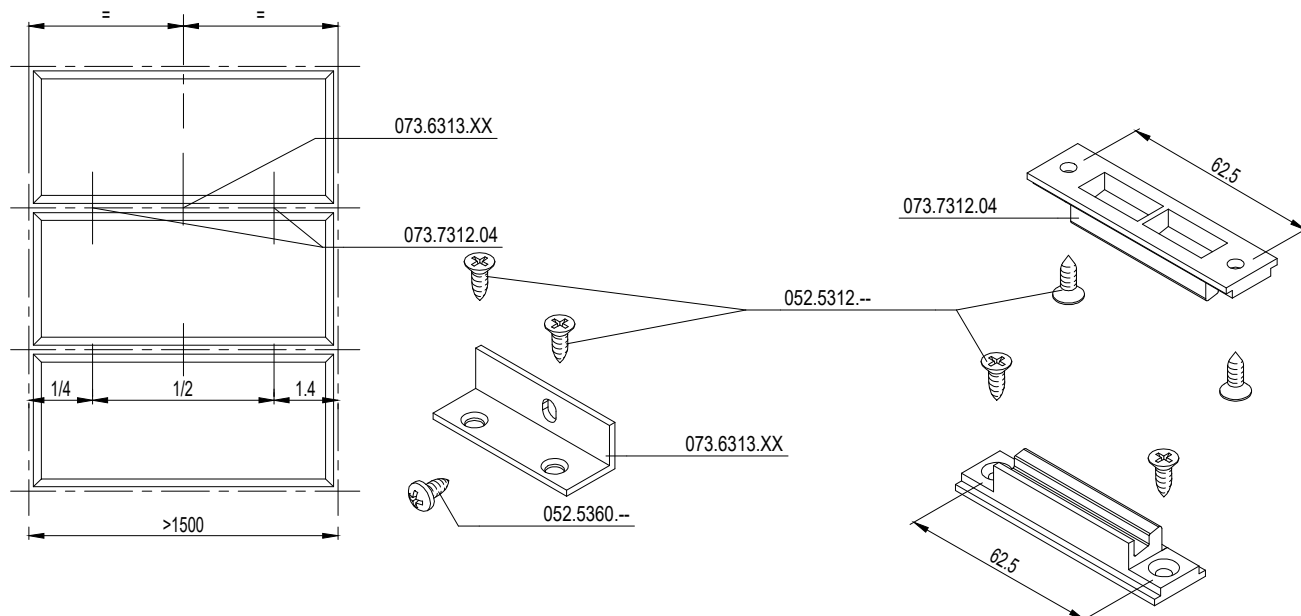
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EN APPLIQUANT UN POINT DE VERROUILLAGE HORIZONTAL LA SECURITE ANTI-DEGONDAGE ECHOIRA
WHEN APPLYING A HORIZONTAL LOCKING POINT THE UNHOOKING DEVICE WILL NO LONGER BE VALID
BEI ANWENDUNG EINES HORIZONTAL EN SCHLIESSPUNKTES VERFÄLLT DIE AUSHEBESICHERUNG.



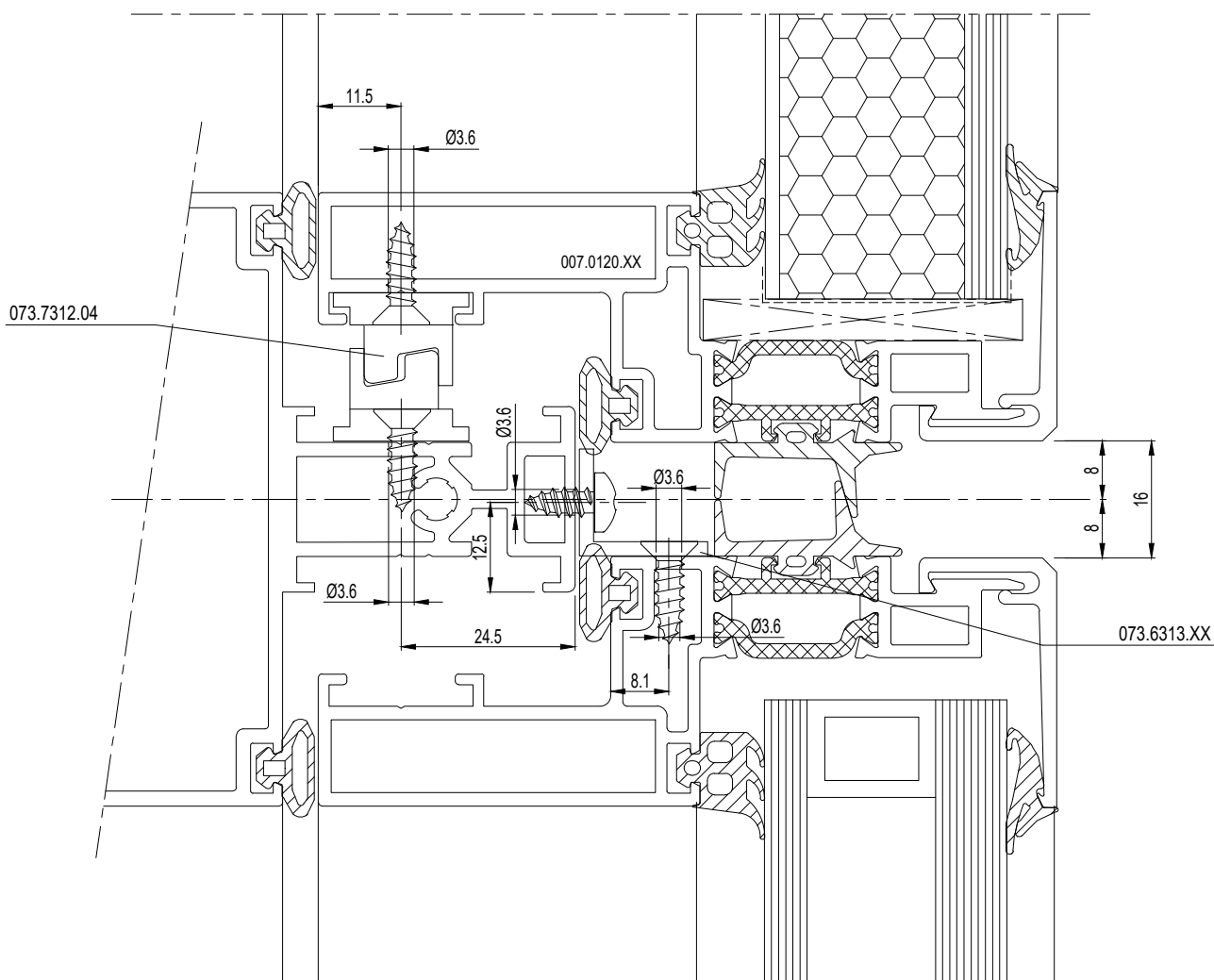


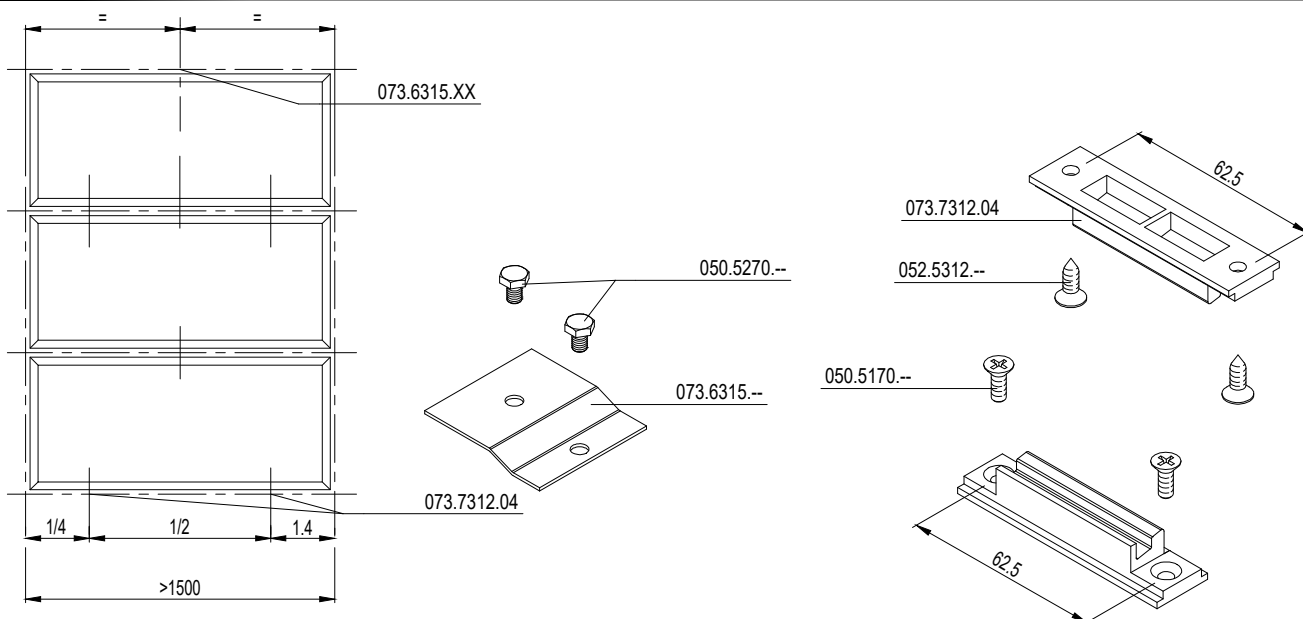
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WHEN APPLYING A HORIZONTAL LOCKING POINT THE UNHOOKING DEVICE WILL NO LONGER BE VALID
BEI ANWENDUNG EINES HORIZONTALSCHLIESSPUNKTES VERFÄLLT DIE AUSHEBESICHERUNG.



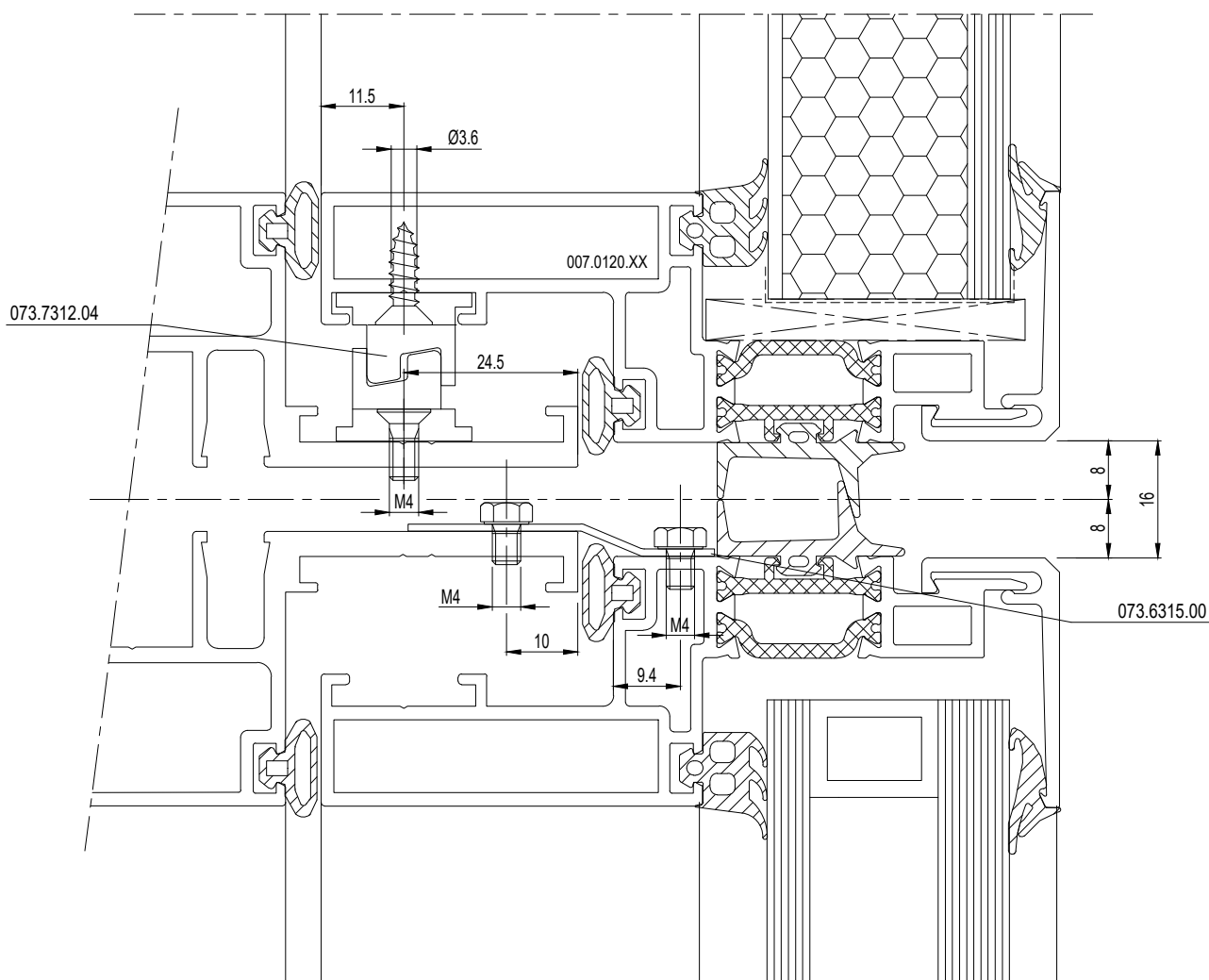


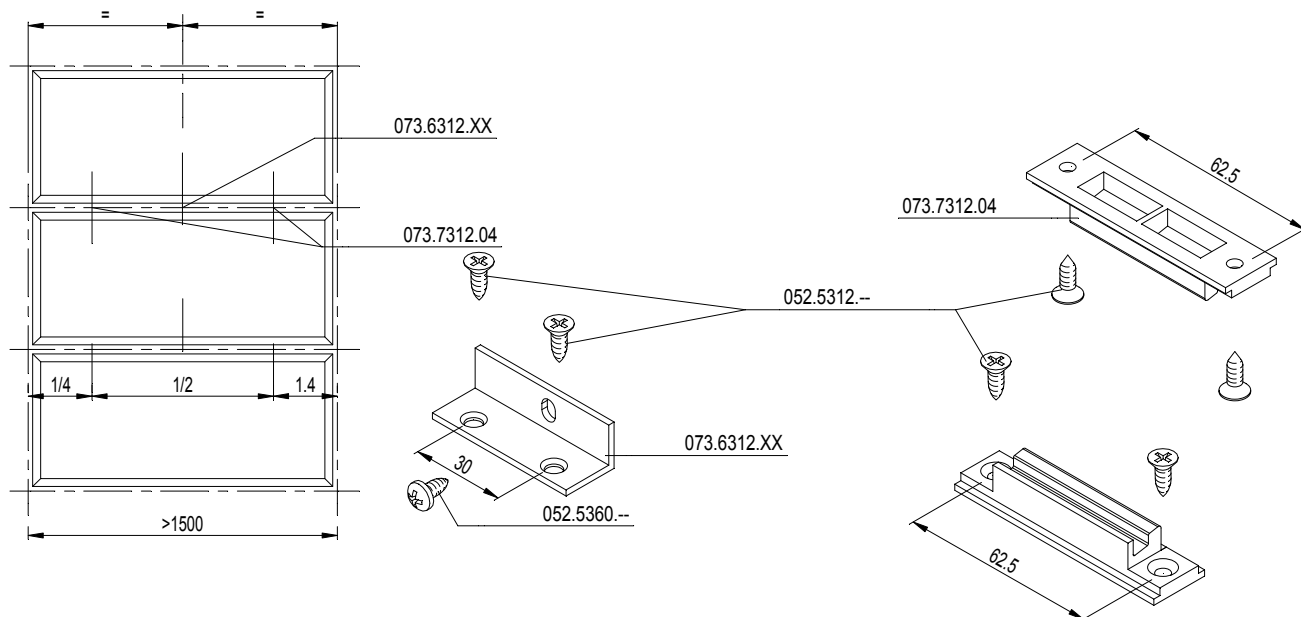
BIJ TOEPASSING VAN HORIZONTAL SLUITPUNT VERVALT DE UITHAAKBEVEILIGING
 EN APPLIQUANT UN POINT DE VERROUILLAGE HORIZONTAL LA SECURITE ANTI-DEGONDAGE ECHOIRA
 WHEN APPLYING A HORIZONTAL LOCKING POINT THE UNHOOKING DEVICE WILL NO LONGER BE VALID
 BEI ANWENDUNG EINES HORIZONTAL SCHLIESSPUNKTES VERFÄLLT DIE AUSHEBESICHERUNG.



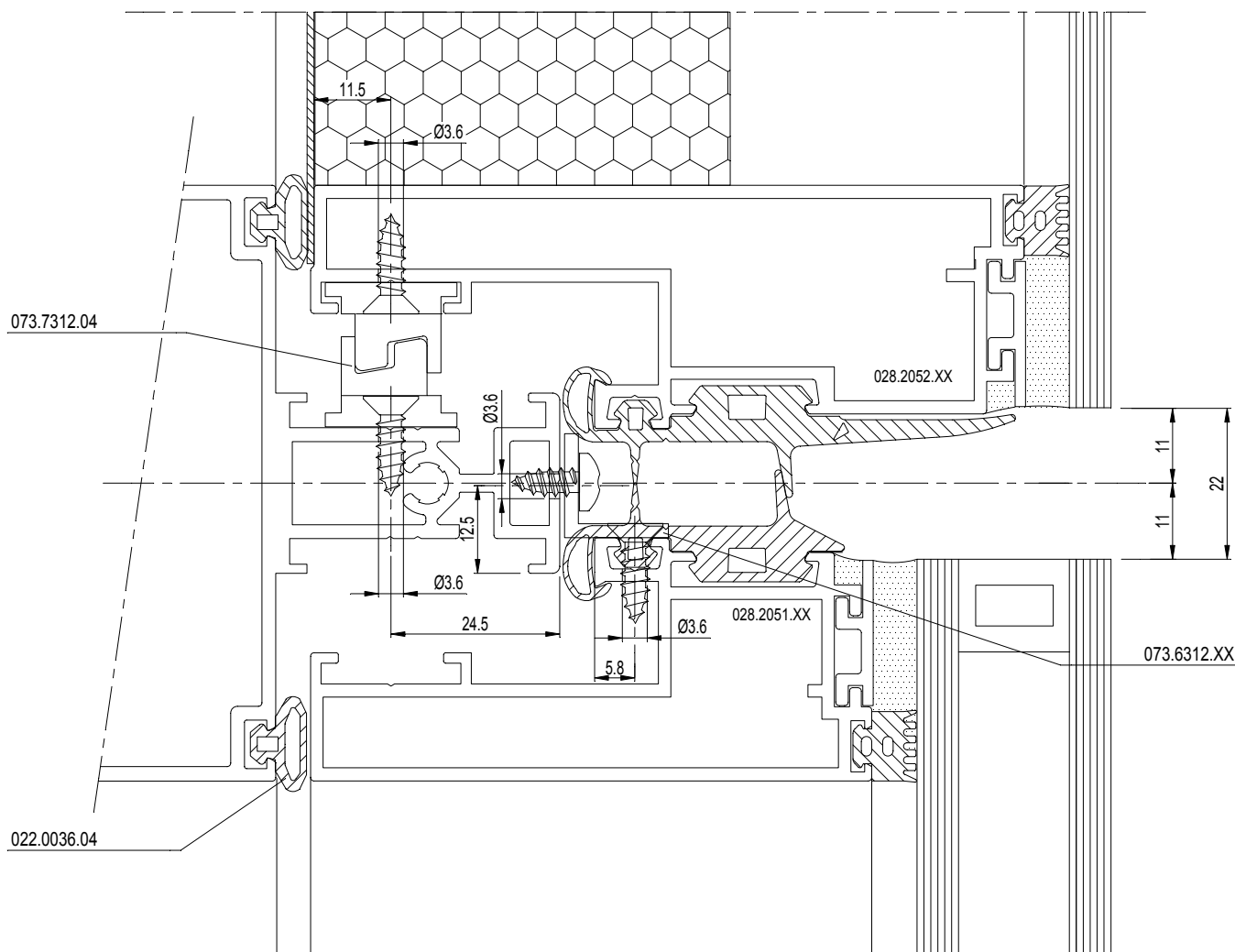


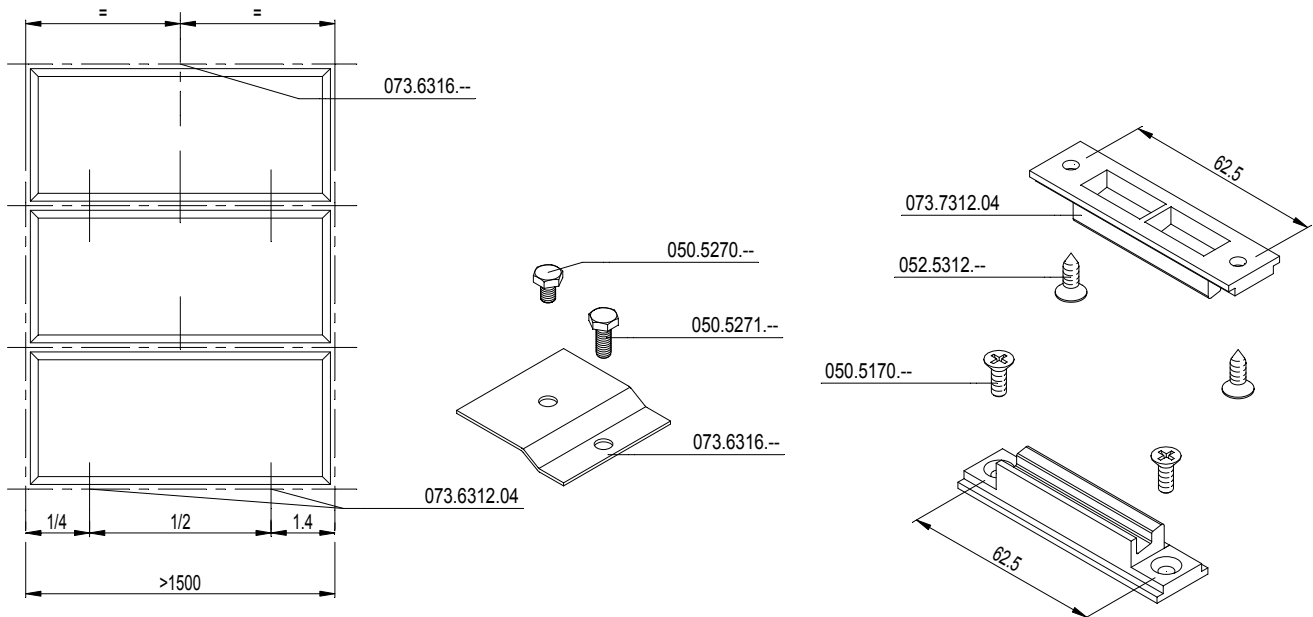
BIJ TOEPASSING VAN HORIZONTAL SLUITPUNT VERVALT DE UITHAAKBEVEILIGING
EN APPLIQUANT UN POINT DE VERROUILLAGE HORIZONTAL LA SECURITE ANTI-DEGONDAGE ECHOIRA
WHEN APPLYING A HORIZONTAL LOCKING POINT THE UNHOOKING DEVICE WILL NO LONGER BE VALID
BEI ANWENDUNG EINES HORIZONTAL SCHLISSPUNKTES VERFÄLLT DIE AUSHEBESICHERUNG.



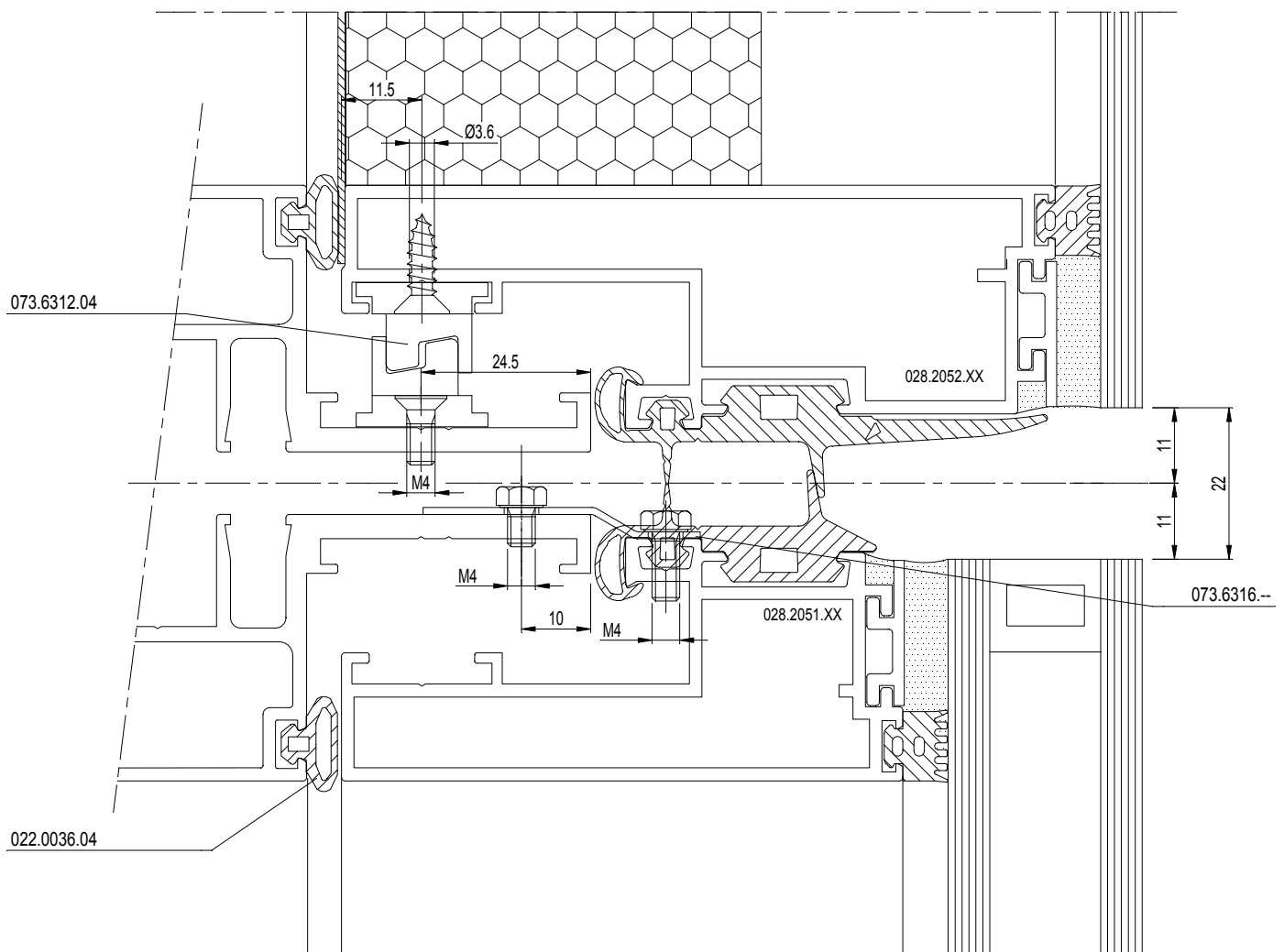


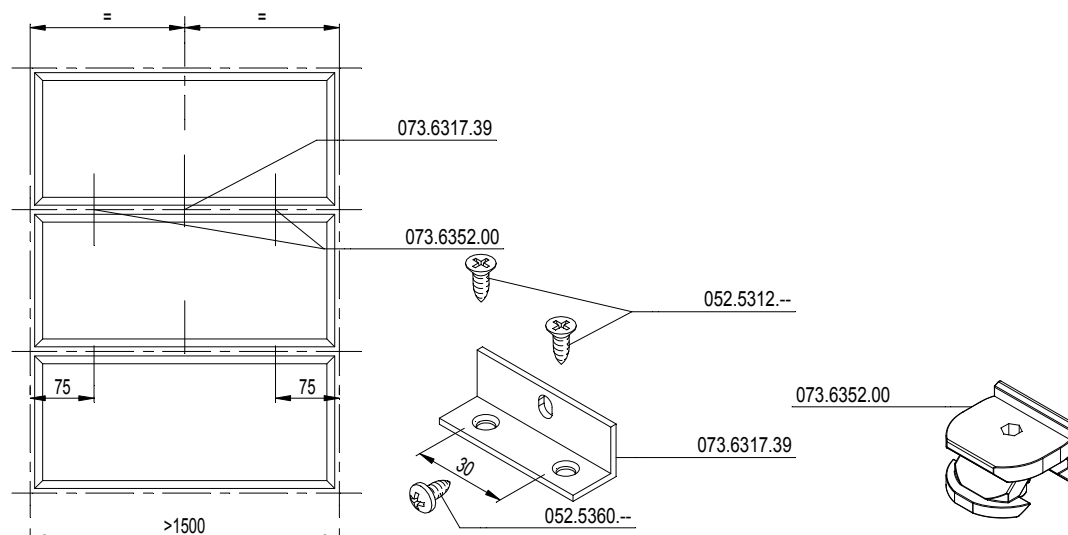
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WHEN APPLYING A HORIZONTAL LOCKING POINT THE UNHOOKING DEVICE WILL NO LONGER BE VALID
BEI ANWENDUNG EINES HORIZONTAL SCHLISSPUNKTES VERFÄLLT DIE AUSHEBESICHERUNG.



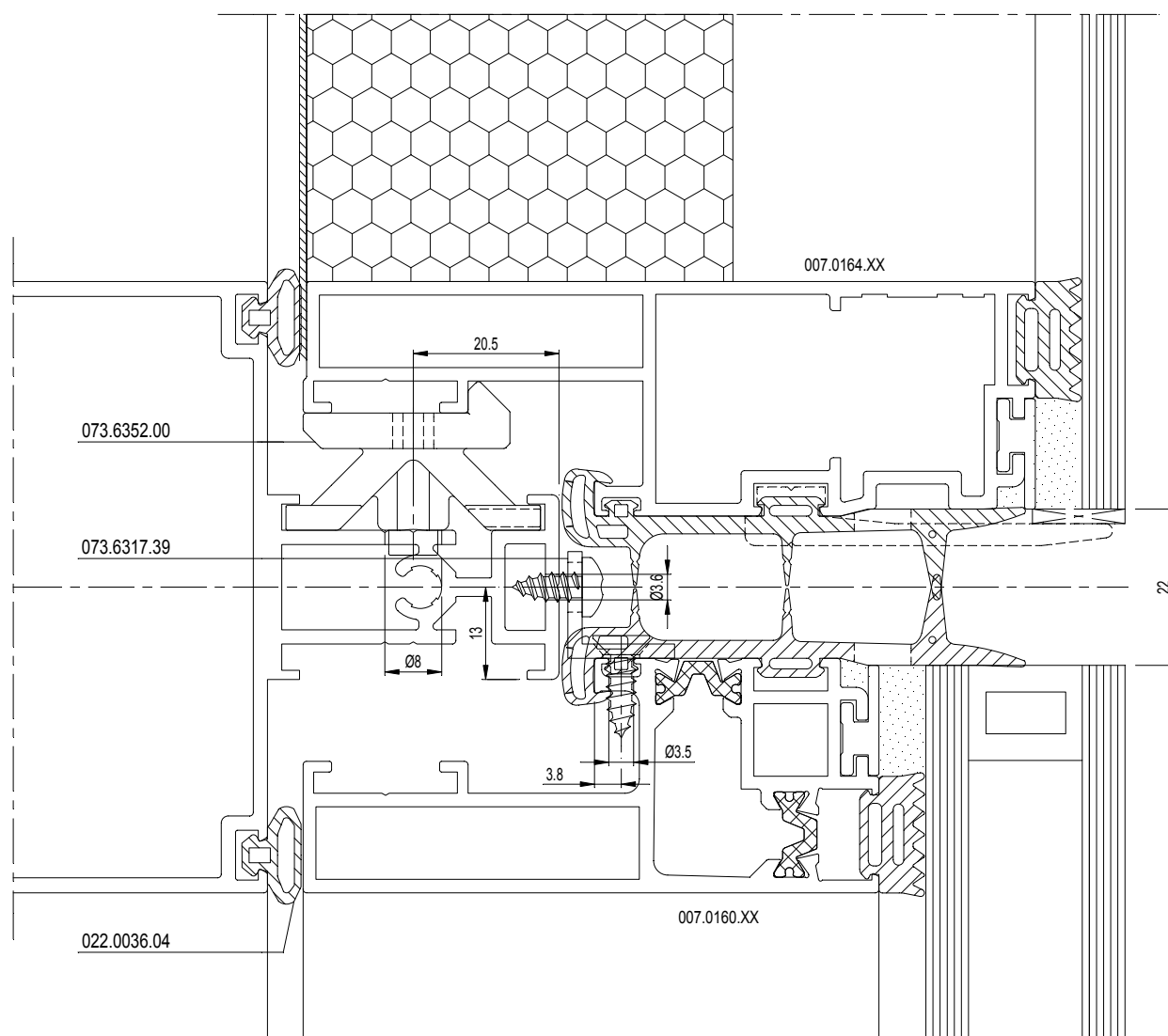


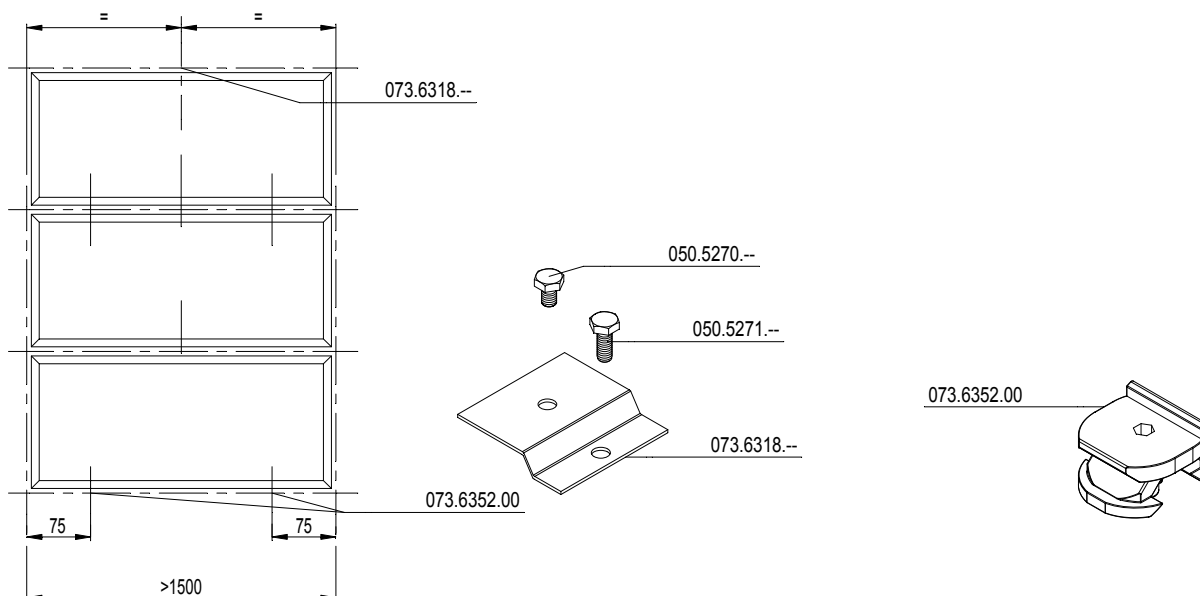
BIJ TOEPASSING VAN HORIZONTAL SLUIPTPUNT VERVALT DE UITHAAKBEVEILIGING
 EN APPLIQUANT UN POINT DE VERROUILLAGE HORIZONTAL LA SECURITE ANTI-DEGONDAGE ECHOIRA
 WHEN APPLYING A HORIZONTAL LOCKING POINT THE UNHOOKING DEVICE WILL NO LONGER BE VALID
 BEI ANWENDUNG EINES HORIZONTAL SCHLISSPUNKTES VERFÄLLT DIE AUSHEBESICHERUNG.



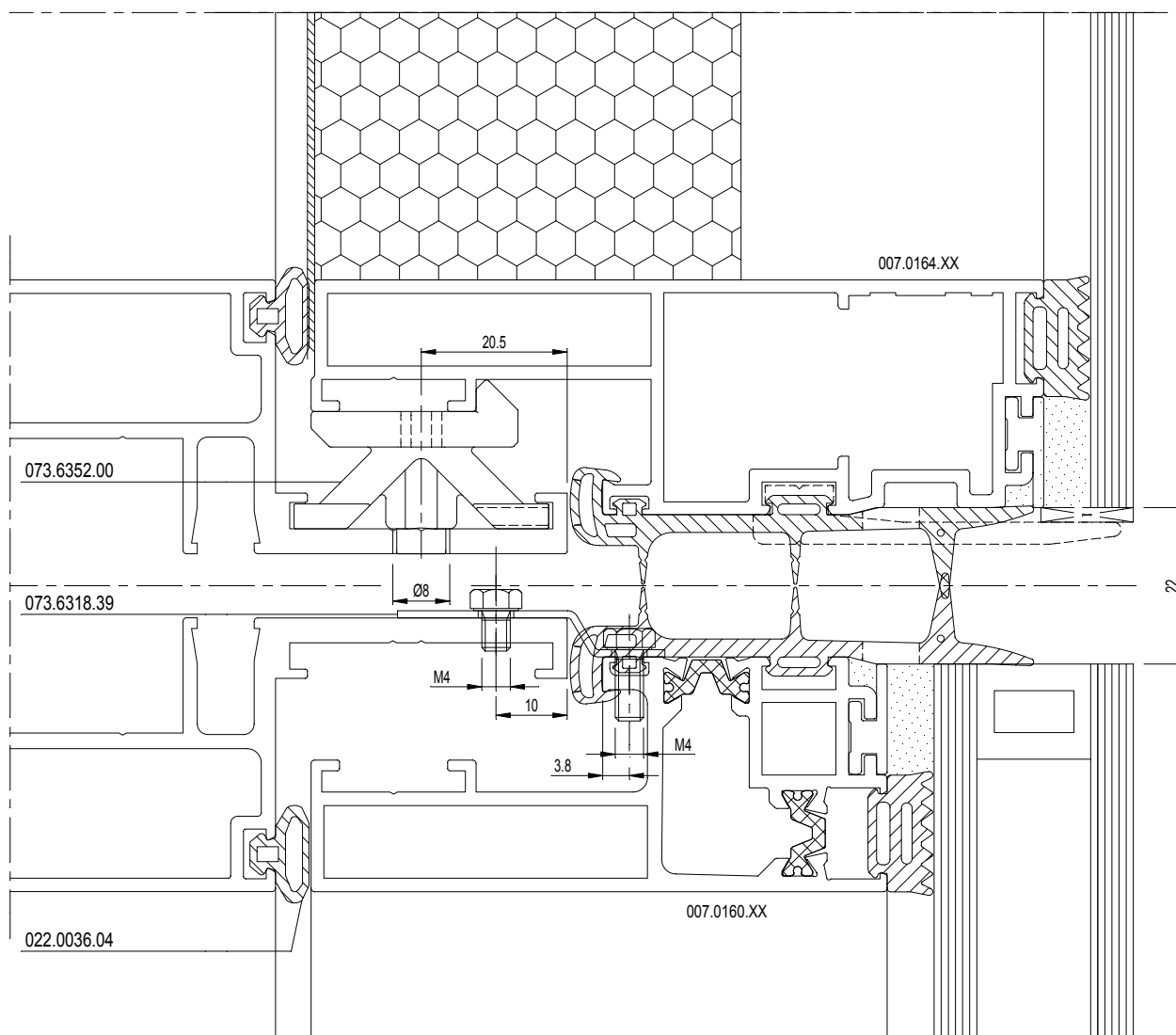


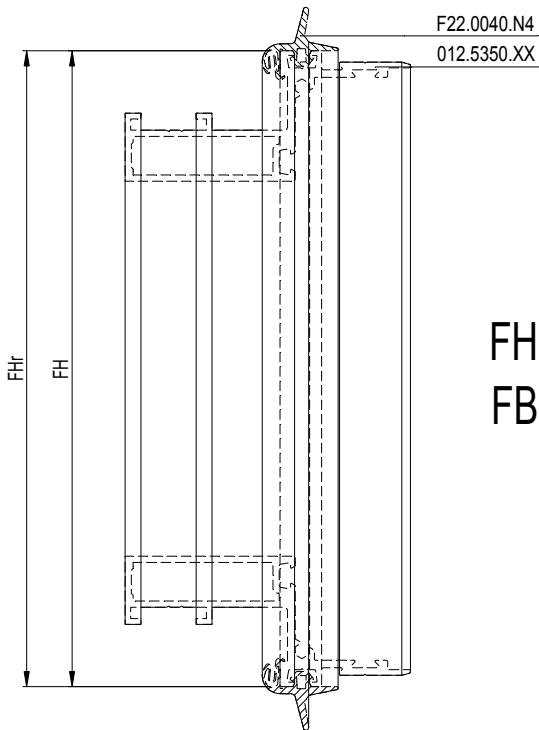
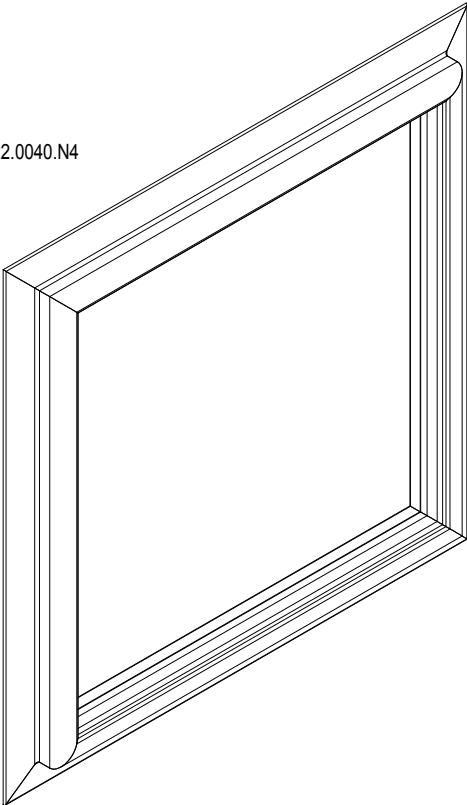
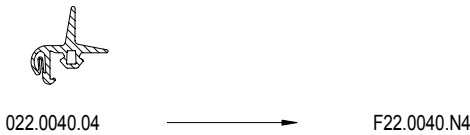
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EN APPLIQUANT UN POINT DE VERROUILLAGE HORIZONTAL LA SECURITE ANTI-DEGONDAGE ECHOIRA
WHEN APPLYING A HORIZONTAL LOCKING POINT THE UNHOOKING DEVICE WILL NO LONGER BE VALID
BEI ANWENDUNG EINES HORIZONTALEN SCHLIESSPUNKTES VERFÄLLT DIE AUSHEBESICHERUNG.





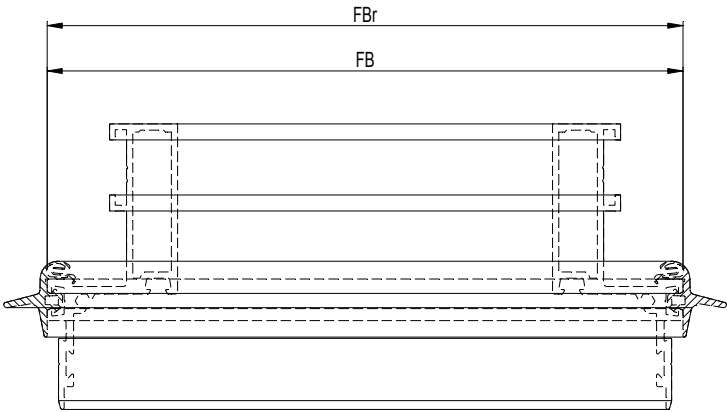
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EN APPLIQUANT UN POINT DE VERROUILLAGE HORIZONTAL LA SECURITE ANTI-DEGONDAGE ECHOIRA
WHEN APPLYING A HORIZONTAL LOCKING POINT THE UNHOOKING DEVICE WILL NO LONGER BE VALID
BEI ANWENDUNG EINES HORIZONTALEN SCHLIESSPUNKTES VERFÄLLT DIE AUSHEBESICHERUNG.

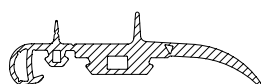




$FHr = FH$
 $FBr = FB$

TE BESTELLING AFMETINGEN DIMENSIONS DE COMMANDE ORDER DIMENIONS BESTELLUNG ABMESSUNGEN			F22.0040.N4
FHr	FBr	N°	
.....			
.....			
.....			
.....			

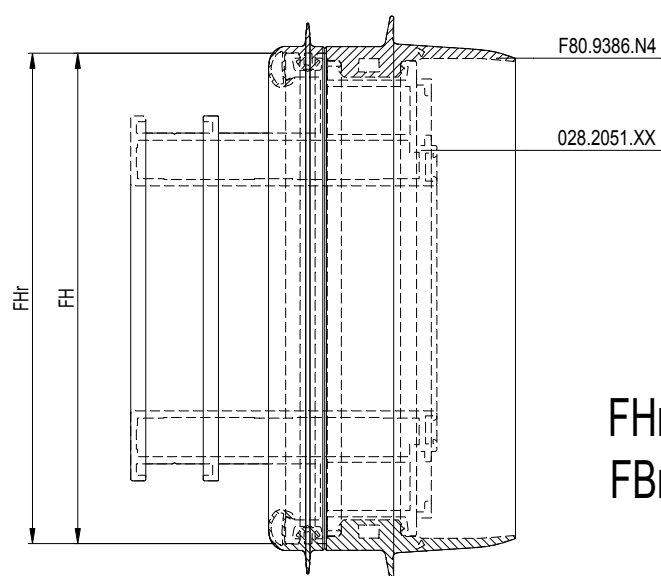
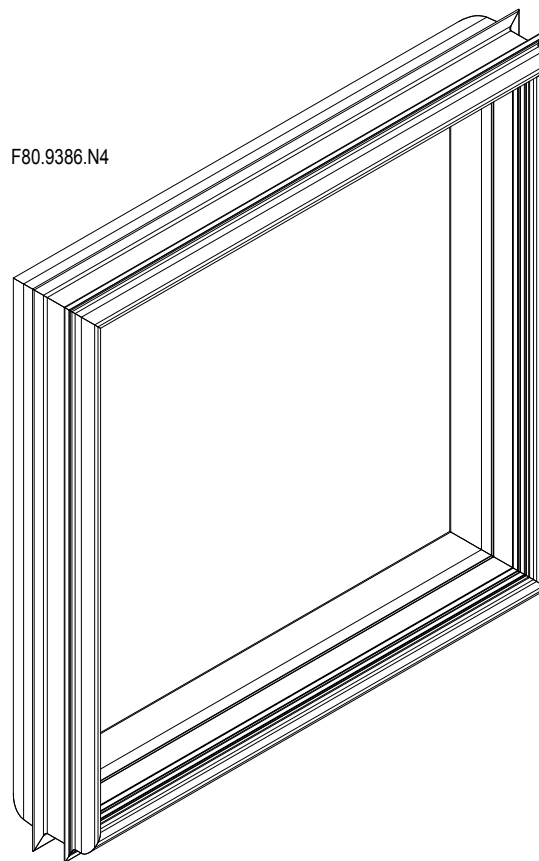




080.9386.04



F80.9386.N4



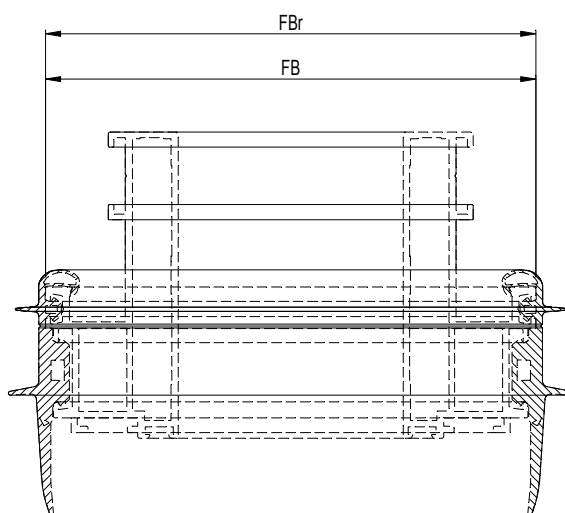
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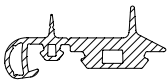
$FBr = FB$

TE BESTELLING AFMETINGEN
DIMENSIONS DE COMMANDE
ORDER DIMENSIONS
BESTELLUNG ABMESSUNGEN

F80.9386.N4

FHr	FBr	N°
.....		
.....		
.....		
.....		

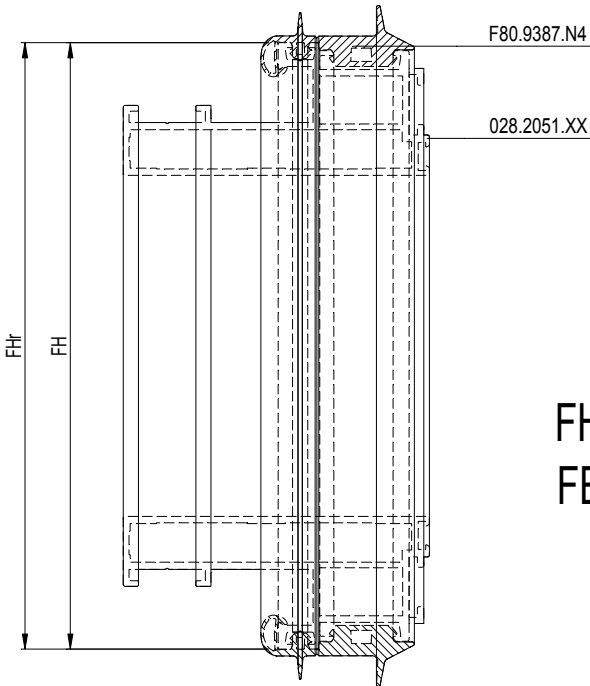
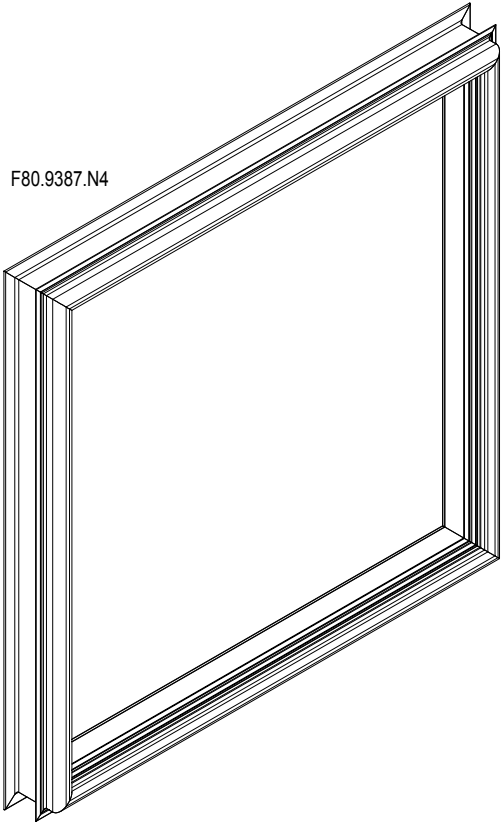




080.9387.04

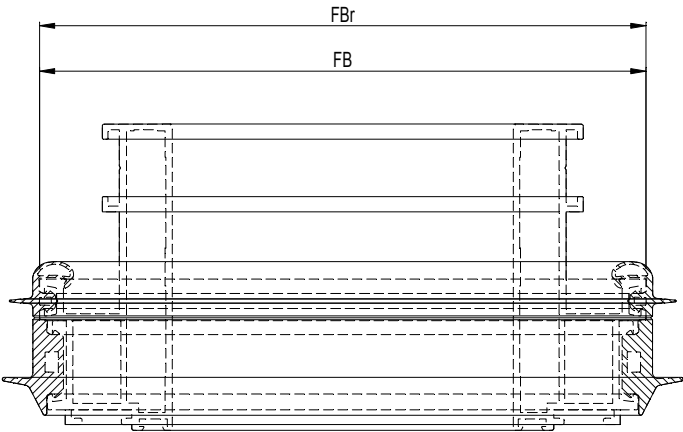


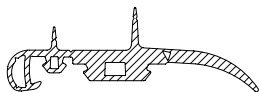
F80.9387.N4



FHr = FH
FBr = FB

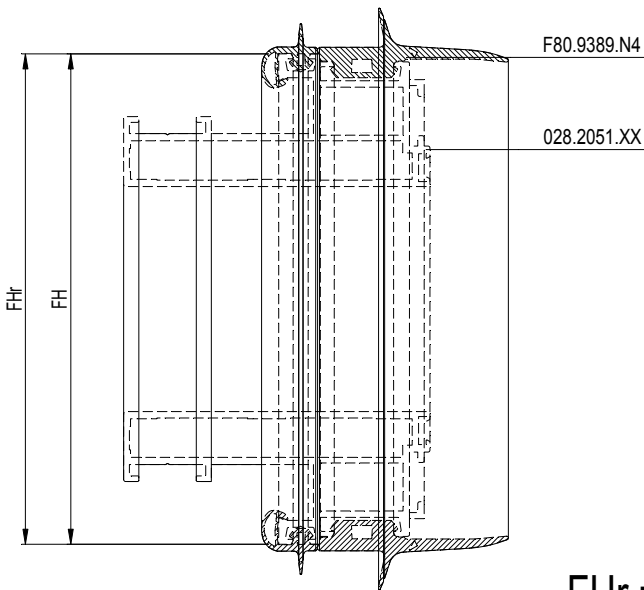
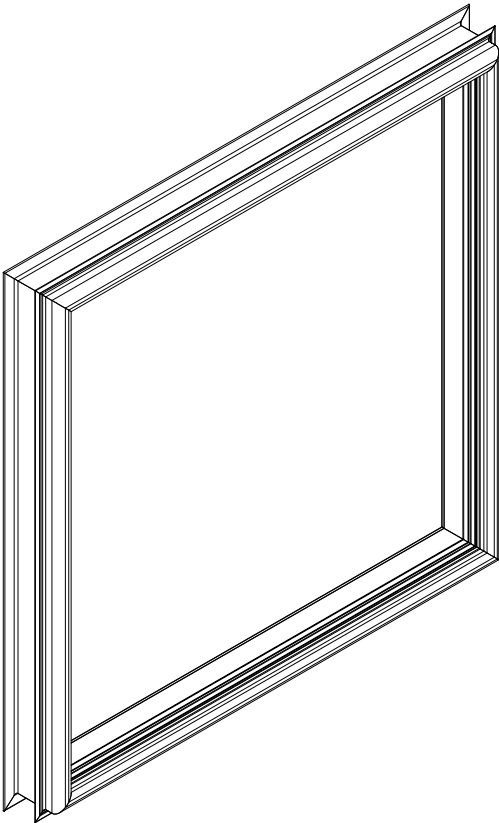
TE BESTELLING AFMETINGEN DIMENSIONS DE COMMANDE ORDER DIMENSIONS BESTELLUNG ABMESSUNGEN			F80.9387.N4
FHr	FBr	N°	
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.....			



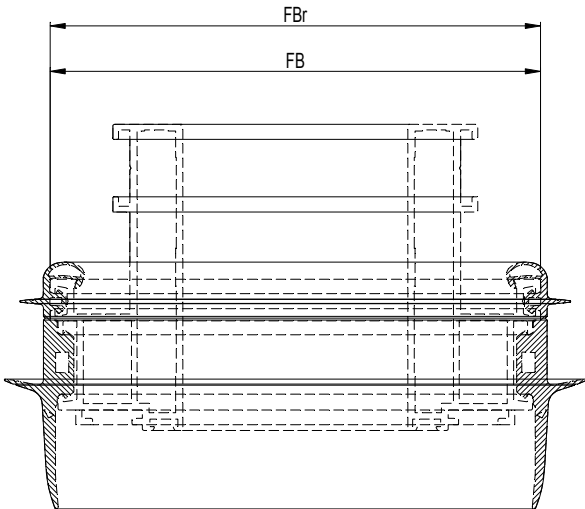


080.9389.04

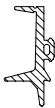
F80.9389.N4



FHr = FH
FBr = FB



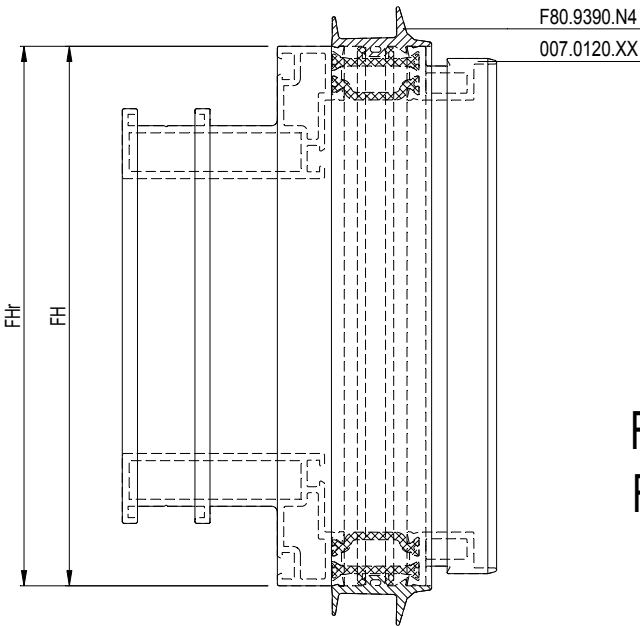
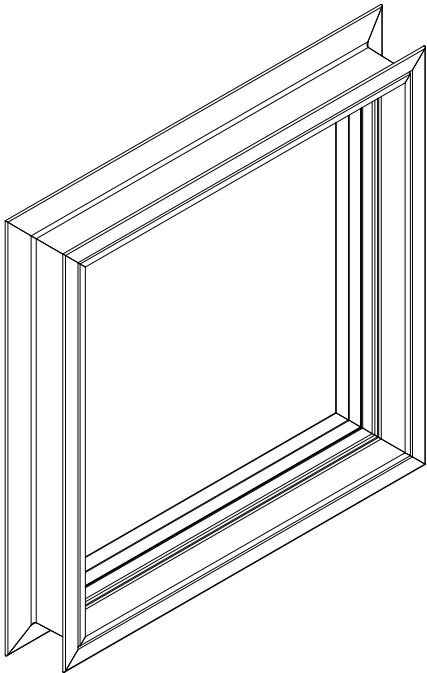
TE BESTELLING AFMETINGEN DIMENSIONS DE COMMANDE ORDER DIMENSIONS BESTELLUNG ABMESSUNGEN			F80.9389.N4
FHr	FBr	N°	
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080.9390.04

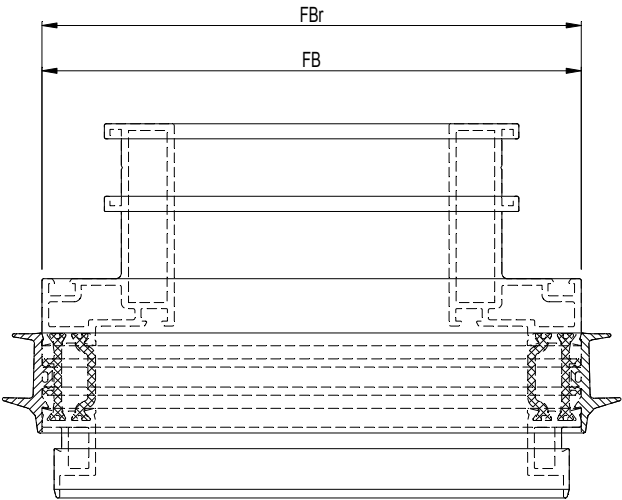


F80.9390.N4



FHr = FH
FBr = FB

TE BESTELLING AFMETINGEN DIMENSIONS DE COMMANDE ORDER DIMENIONS BESTELLUNG ABMESSUNGEN			F80.9390.N4
FHr	FBr	N°	
.....			
.....			
.....			
.....			

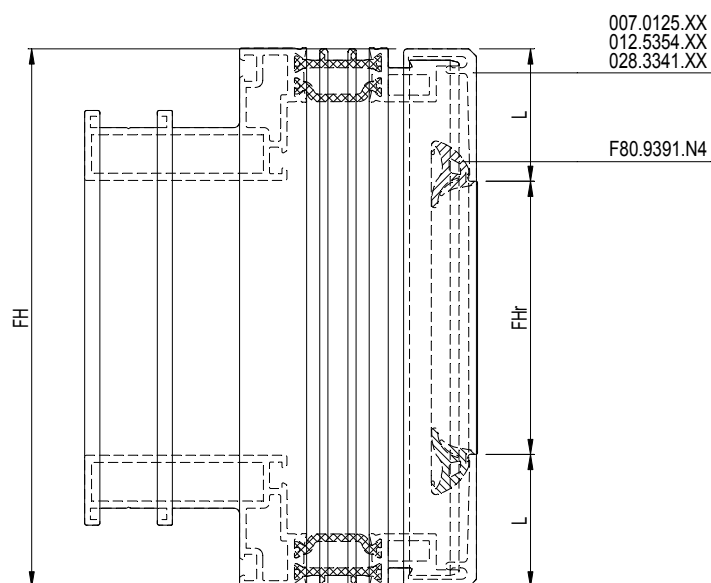
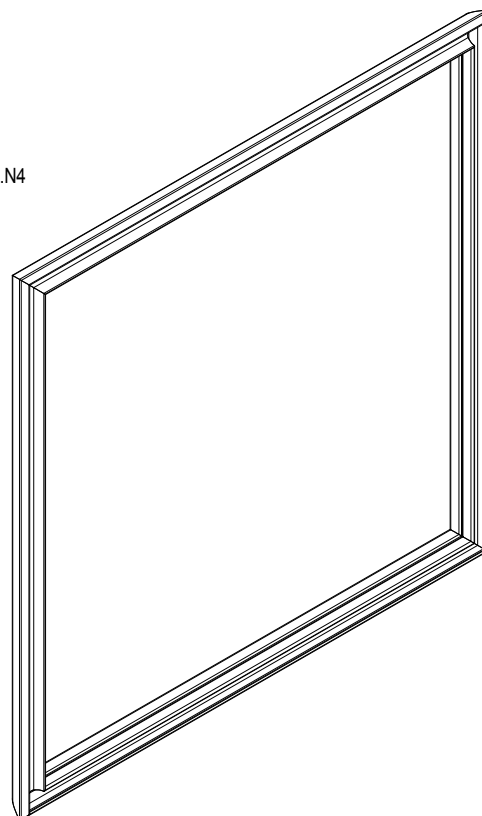




080.9391.04



F80.9391.N4



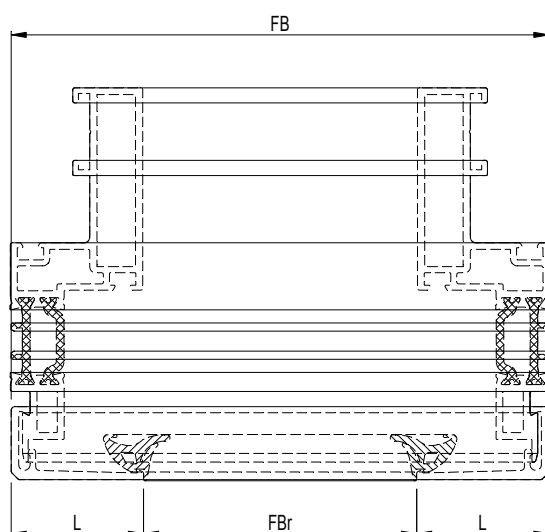
$$FHr = FH - (2 \times L)$$

$$FBr = FB - (2 \times L)$$

TE BESTELLING AFMETINGEN
DIMENSIONS DE COMMANDE
ORDER DIMENSIONS
BESTELLUNG ABMESSUNGEN

F80.9391.N4

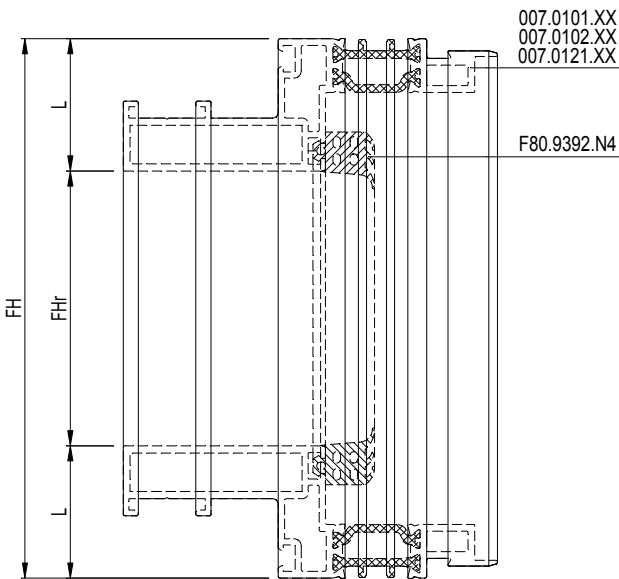
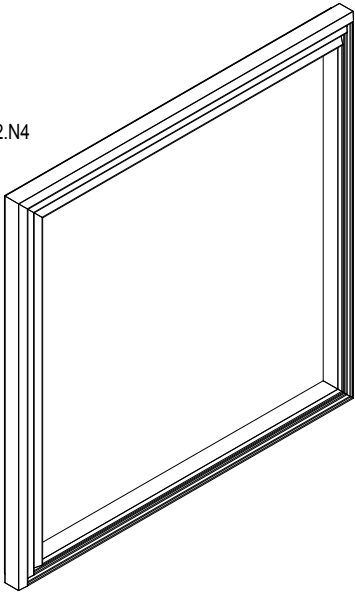
FHr	FBr	N°
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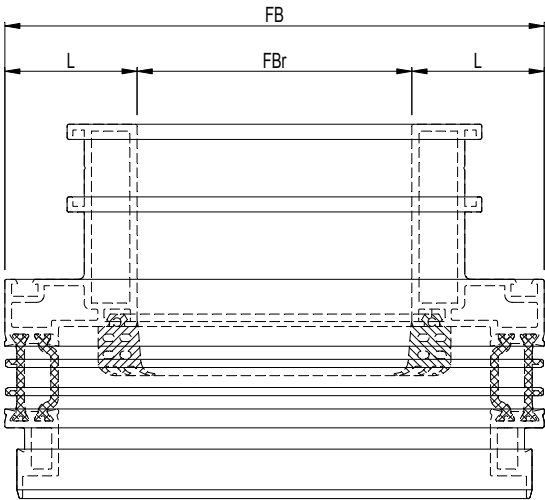
080.9392.04

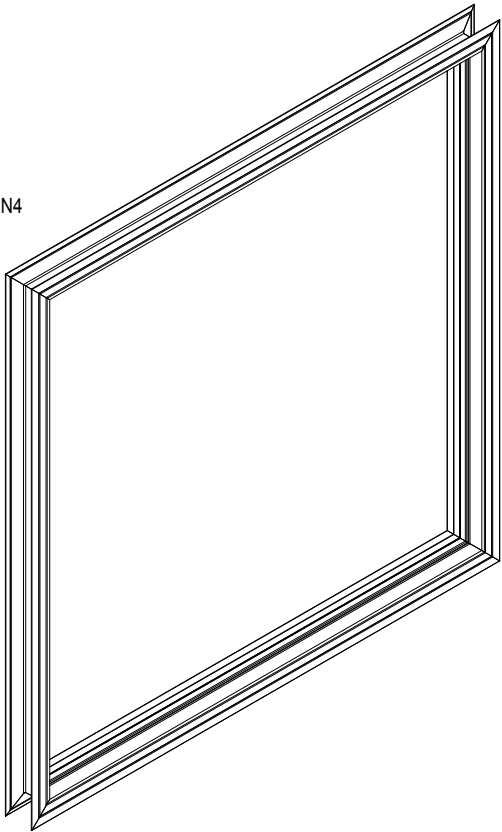
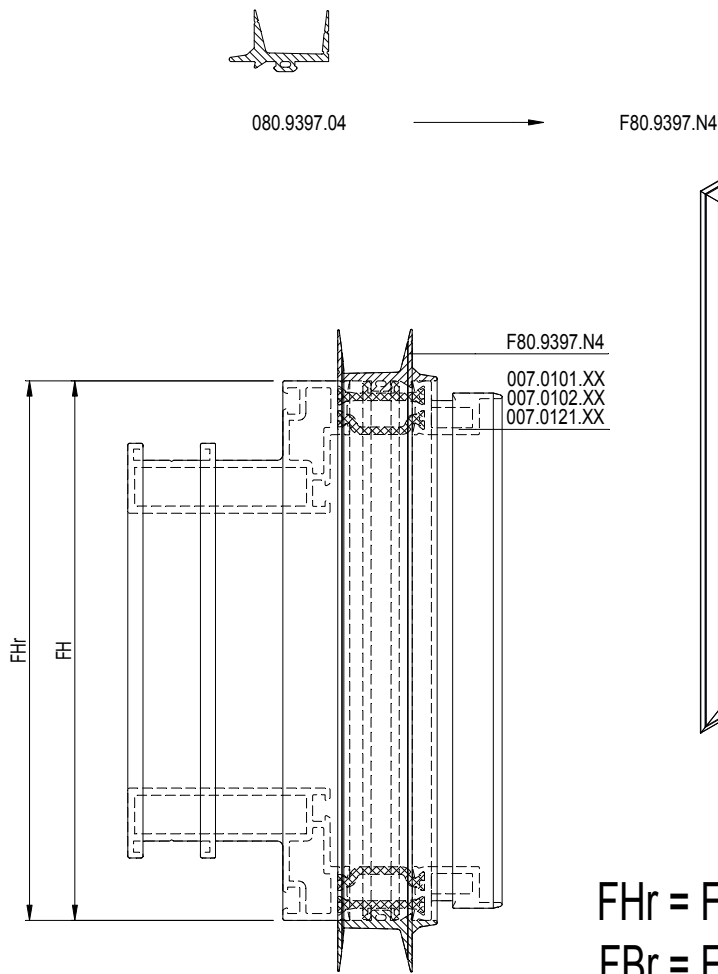
F80.9392.N4



$FHr = FH - (2 \times L)$
 $FBr = FB - (2 \times L)$

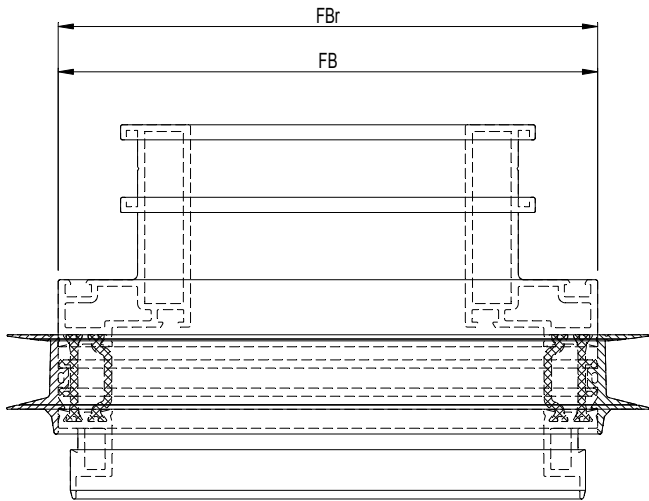
TE BESTELLING AFMETINGEN DIMENSIONS DE COMMANDE ORDER DIMENSIONS BESTELLUNG ABMESSUNGEN			F80.9392.N4
FHr	FBr	N°	
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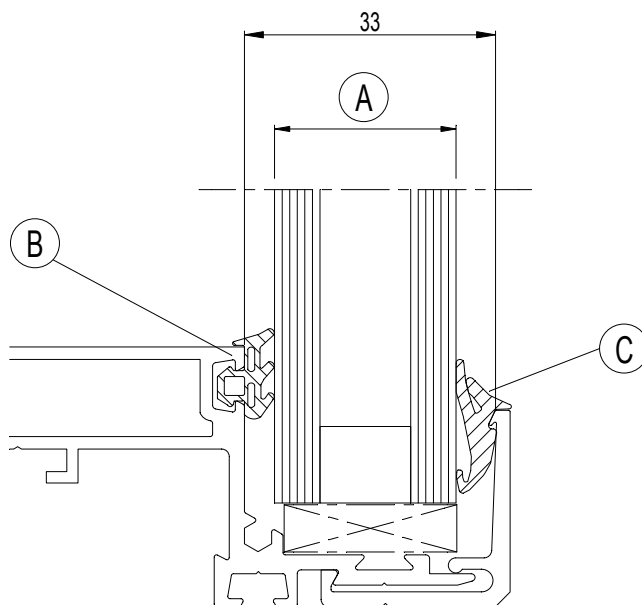




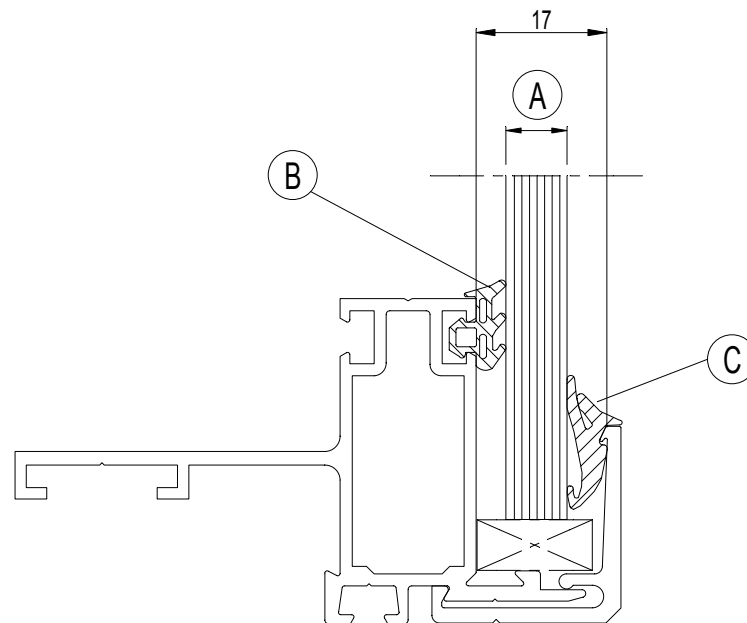
FHr = FH
FBr = FB

TE BESTELLING AFMETINGEN DIMENSIONS DE COMMANDE ORDER DIMENSIONS BESTELLUNG ABMESSUNGEN			F80.9397.N4
FHr	FBr	N°	
.....			
.....			
.....			
.....			

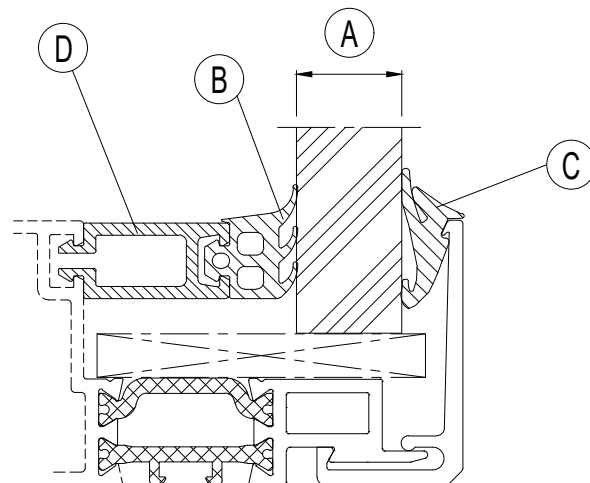
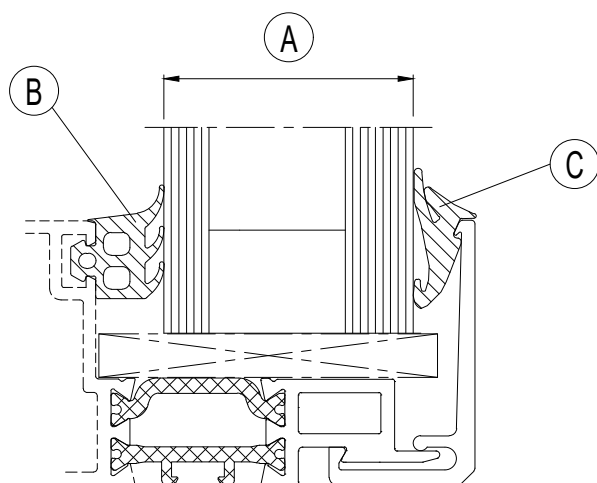




A	B	C
GLAS VERRE GLASS GLAS	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG
10 mm	080.9392.04	080.9391.04
12 mm	022.1045.04	080.9391.04
14 mm	022.1045.04	022.1078.04
16 mm	022.1045.04	022.1079.04
18 mm	022.1044.04	022.1079.04
20 mm	022.1043.04	022.1079.04
22 mm	022.1042.04	022.1079.04
24 mm	022.1041.04	022.1079.04



(A)	(B)	(C)
GLAS VERRE GLASS GLAS	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG
4 mm	022.1043.04	022.1079.04
6 mm	022.1042.04	022.1079.04
8 mm	022.1041.04	022.1079.04



A

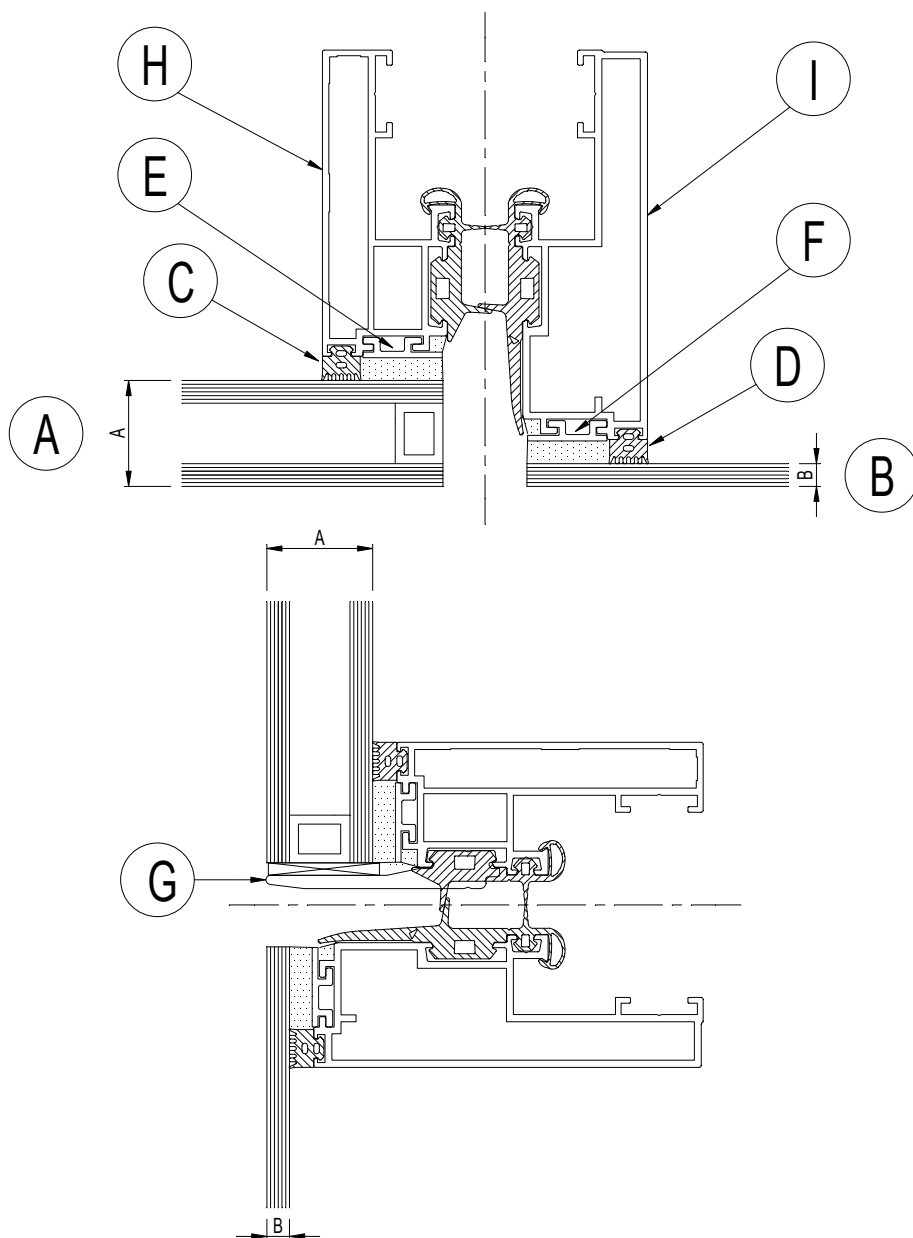
B

C

D

GLAS VERRE GLASS GLAS	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	AFSTANDSHOUDER REDUCTEUR de feuillure FILLISTER reducer part ADAPTER profile
6 mm	080.9392.04	080.9391.04	007.0135.04
8 mm	080.9392.04	022.1078.04	007.0135.04
10 mm	022.1045.04	022.1078.04	007.0135.04
12 mm	022.1044.04	022.1078.04	007.0135.04
14 mm	022.1043.04	022.1078.04	007.0135.04
16 mm	022.1042.04	022.1078.04	007.0135.04
18 mm	080.9392.04	022.1078.04	007.0134.04
20 mm	022.1045.04	022.1078.04	007.0134.04
22 mm	022.1044.04	022.1078.04	007.0134.04
24 mm	080.9392.04	080.9391.04	
26 mm	022.1045.04	080.9391.04	
28 mm	080.9392.04	022.1078.04	
30 mm	022.1045.04	022.1078.04	
32 mm	022.1044.04	022.1078.04	
34 mm	022.1043.04	022.1078.04	
36 mm	022.1042.04	022.1078.04	
38 mm	022.1041.04	022.1078.04	

ANDERE COMBINATIES OP AANVRAAG
AUTRES COMBINAISONS SUR DEMANDE
OTHER COMBINATIONS ON REQUEST
ANDERE COMBINATIONS MÖGLICH



028.2031.39 

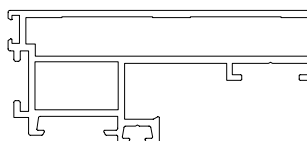
028.2030.39 

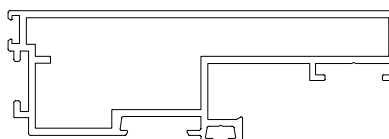
073.8252.XX 

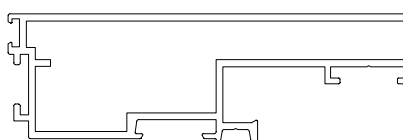
073.8239.39 

080.9300.04 

080.9301.04 

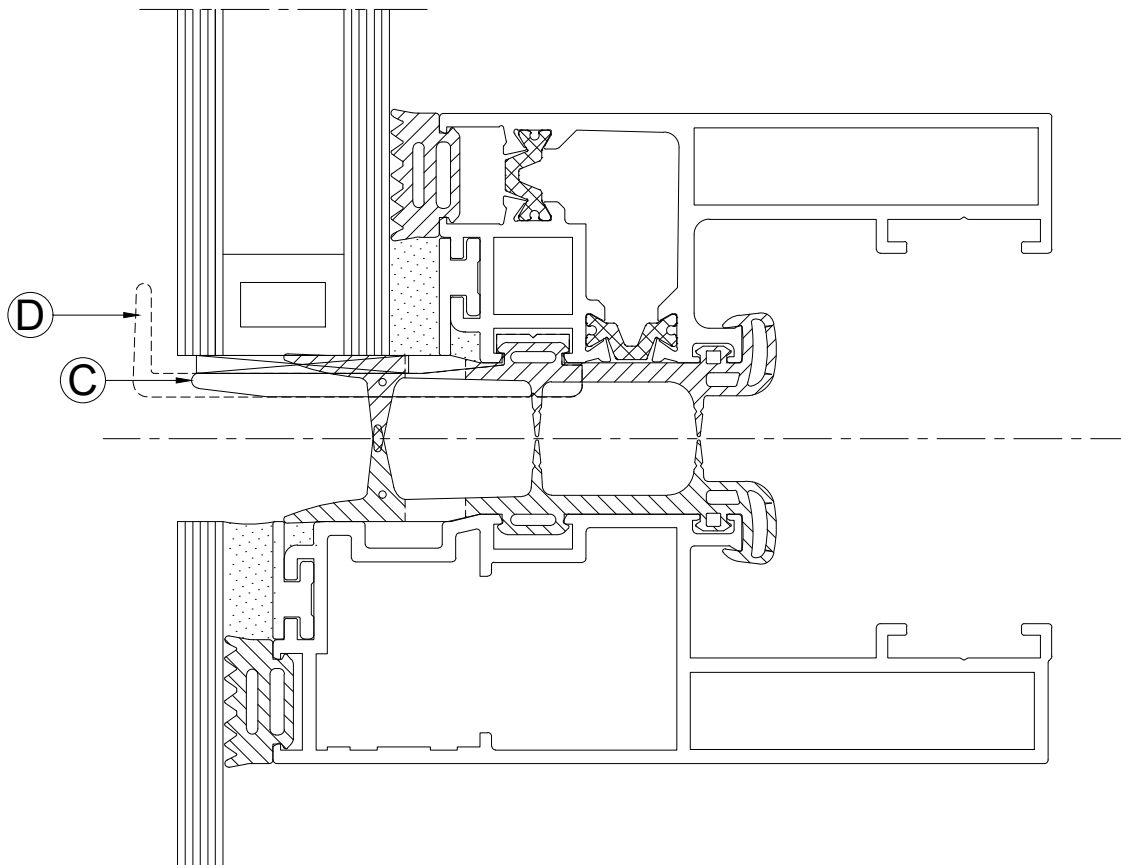
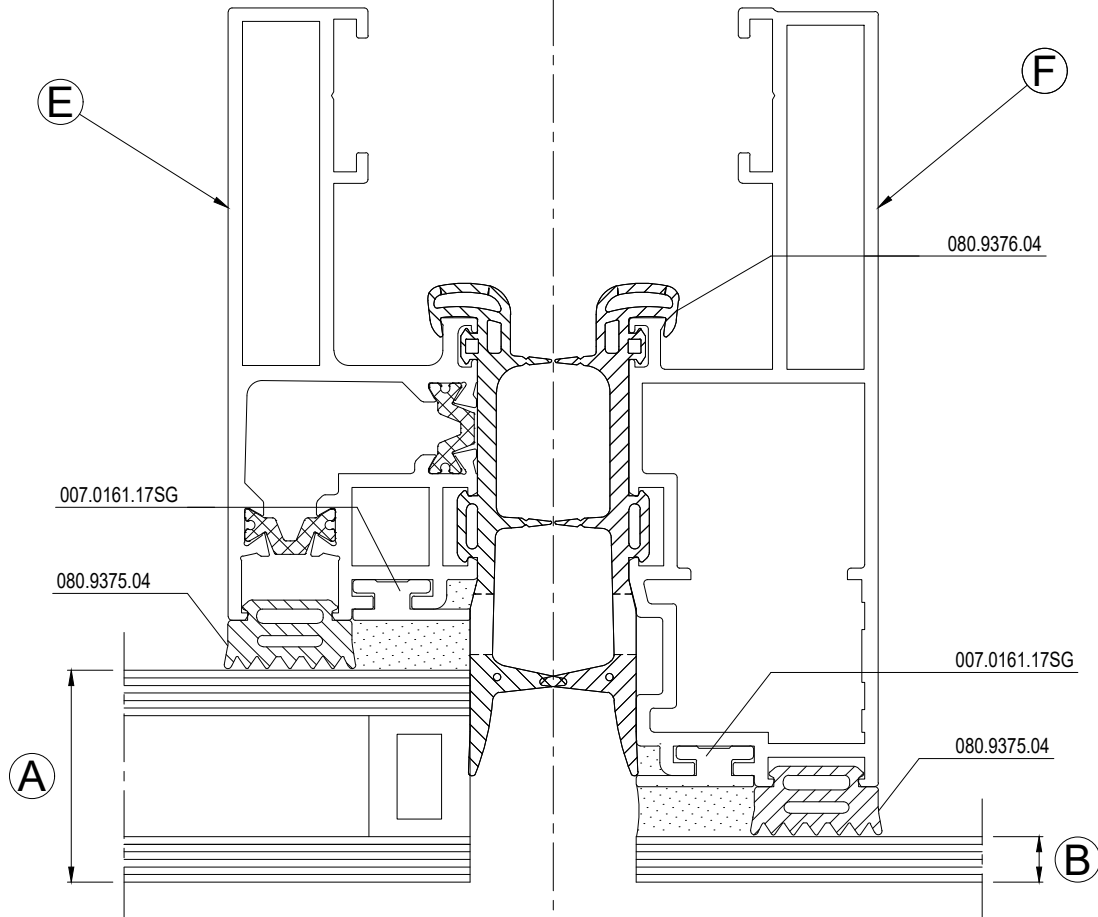
028.2051.XX 

028.2052.XX 

028.2053.XX 

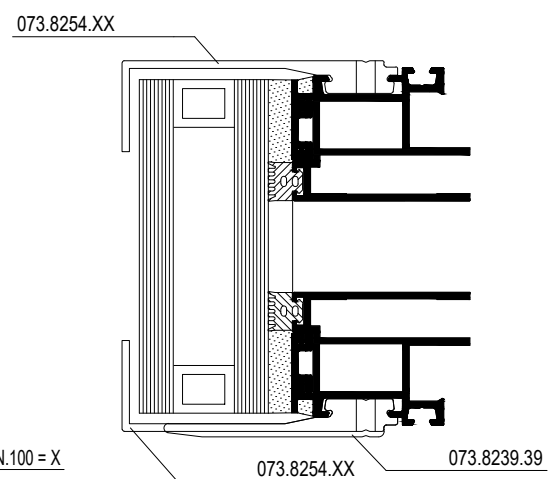
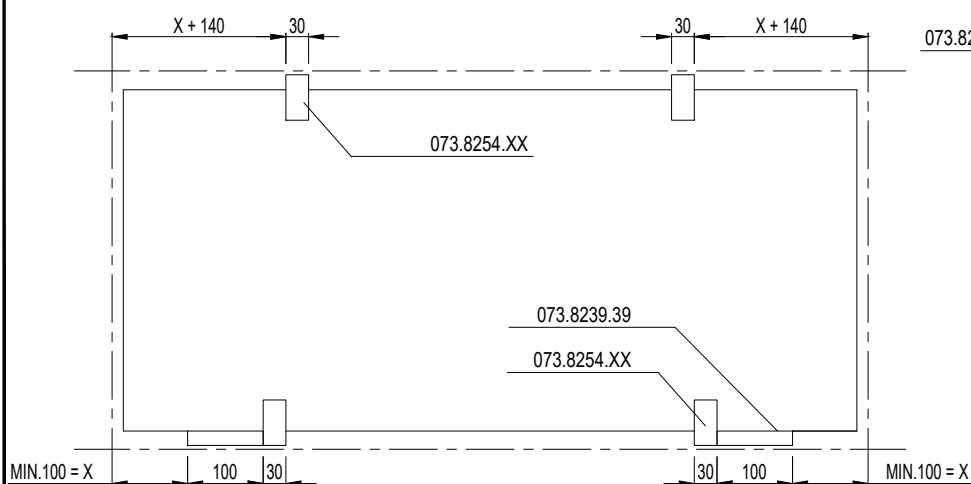
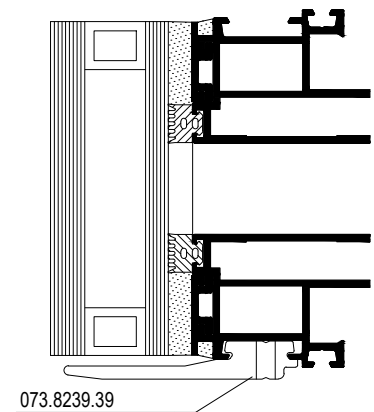
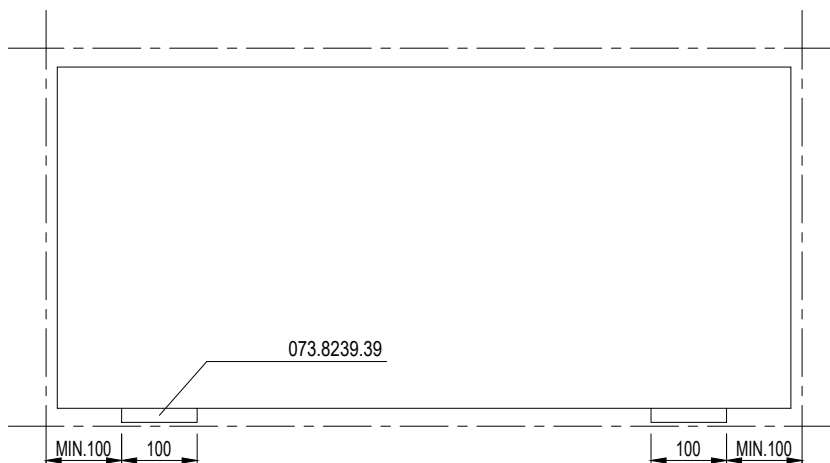
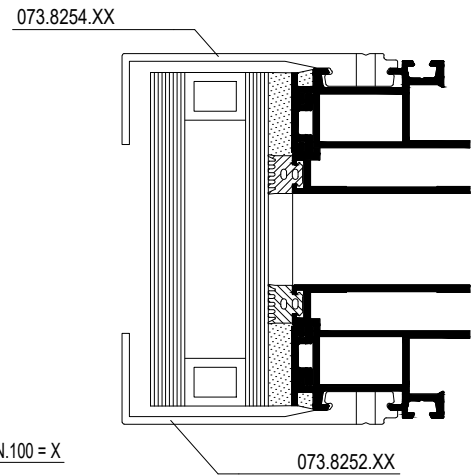
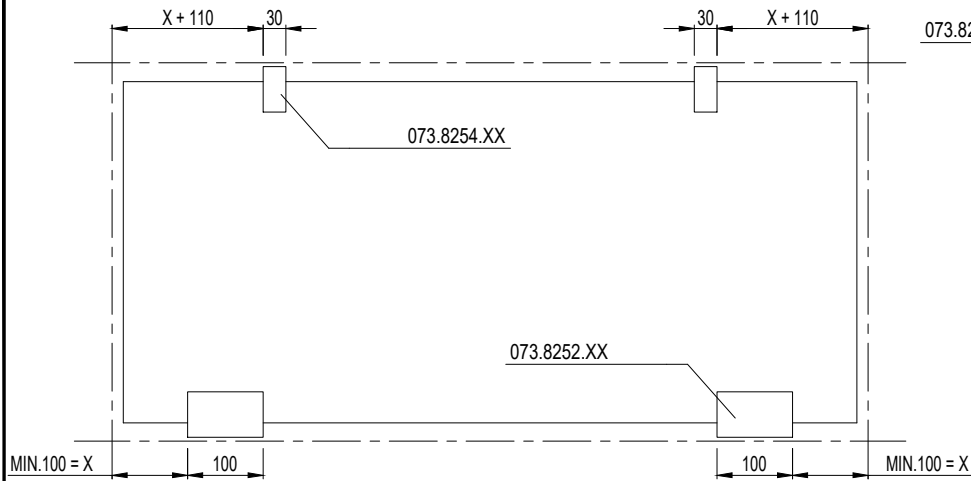
A	B	C	D	E	F	G	H	I
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	DICHTING JOINT GASKET DICHTUNG	DICHTING JOINT GASKET DICHTUNG	BEGLAZINGSPROFIEL S.G. PROFILE COLLAGE VITRAGE S.G. GLAZING PROFILE S.G. VERGLASUNGSPROFIL S.G.	BEGLAZINGSPROFIEL S.G. PROFILE COLLAGE VITRAGE S.G. GLAZING PROFILE S.G. VERGLASUNGSPROFIL S.G.	GLASSTEUN SUPPORT DE VITRAGE GLAZING SUPPORT GLASAUFLAGEPROFIL	PROFIEL PROFILE PROFILE PROFILE PROFIL	PROFIEL PROFILE PROFILE PROFILE PROFIL
26 mm	6 mm	080.9301.04	080.9300.04	028.2031.39	028.2030.39	073.8239.39 or 073.8252.XX	028.2051.XX	028.2052.XX
28 mm	6 mm	080.9300.04	080.9300.04	028.2030.39	028.2030.39			
30 mm	6 mm	080.9300.04	080.9301.04	028.2030.39	028.2031.39			
28 mm	8 mm	080.9301.04	080.9300.04	028.2031.39	028.2030.39			
30 mm	8 mm	080.9300.04	080.9300.04	028.2030.39	028.2030.39			
32 mm	8 mm	080.9300.04	080.9301.04	028.2030.39	028.2031.39			
30 mm	6 mm	080.9301.04	080.9300.04	028.2031.39	028.2030.39			
32 mm	6 mm	080.9300.04	080.9300.04	028.2030.39	028.2030.39			
34 mm	6 mm	080.9300.04	080.9301.04	028.2030.39	028.2031.39	073.8252.XX	073.8252.XX	073.8252.XX
36 mm	8 mm	080.9300.04	080.9301.04	028.2030.39	028.2031.39	073.8252.XX	073.8252.XX	073.8252.XX

GLASSTEUN: TE BEREKENEN IN FUNCTIE VAN HET GLASGEWICHT
SUPPORT DE VITRAGE: A CALCULER EN FONCTION DU POIDS DE VITRAGE
GLAZING SUPPORT: TO BE CONFIRMED IN FUNCTION OF THE GLASS WEIGHT
GLASSTUETZE : ZU BERECHNEN IN FUNKTION DES GLASSGEWICHTS



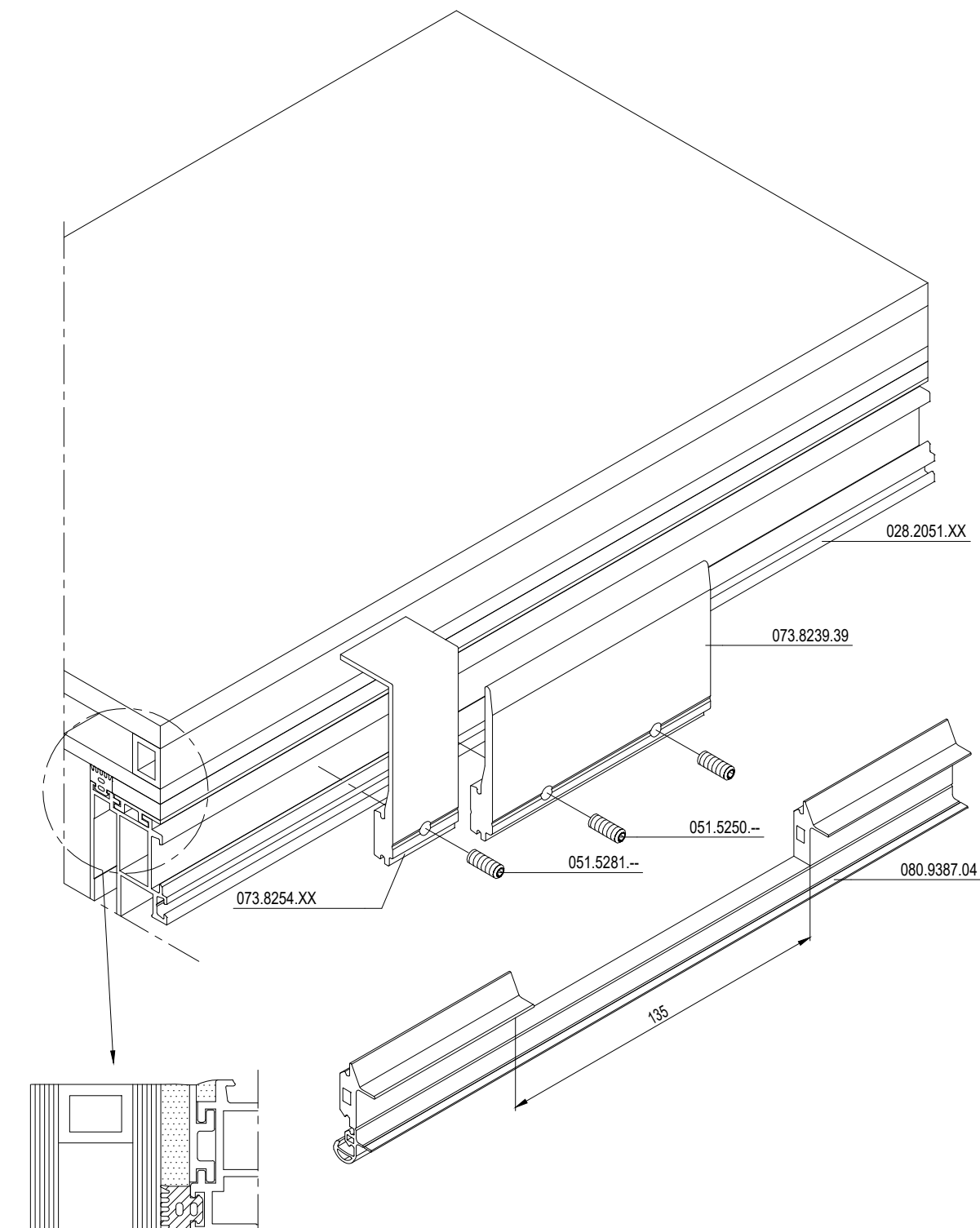
(A)	(B)	(C)	(D)	(E)	(F)
GLAS VERRE GLASS GLAS	GLAS VERRE GLASS GLAS	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	PROFIEL PROFILE PROFILE PROFIL	PROFIEL PROFILE PROFILE PROFIL
26 mm	4 mm	073.7291.--	073.7282.--	007.0160.XX OF/OU/OR/ODER 007.0162.XX	007.0164.XX
28 mm	6 mm	073.7291.--	073.7282.--	007.0160.XX OF/OU/OR/ODER 007.0162.XX	007.0164.XX
30 mm	8 mm	073.7292.--	073.7284.--	007.0160.XX OF/OU/OR/ODER 007.0162.XX	007.0164.XX
32 mm	10 mm	073.7292.--	073.7284.--	007.0160.XX OF/OU/OR/ODER 007.0162.XX	007.0164.XX
34 mm	12 mm	073.7292.--	073.7284.--	007.0160.XX OF/OU/OR/ODER 007.0162.XX	007.0164.XX

GLASSTEUN: TE BEREKENEN IN FUNCTIE VAN HET GLASGEWICHT
SUPPORT DE VITRAGE: A CALCULER EN FONCTION DU POIDS DE VITRAGE
GLAZING SUPPORT: TO BE CONFIRMED IN FUNCTION OF THE GLASS WEIGHT
GLASSTUETZE : ZU BERECHNEN IN FUNKTION DES GLASSGEWICHTS

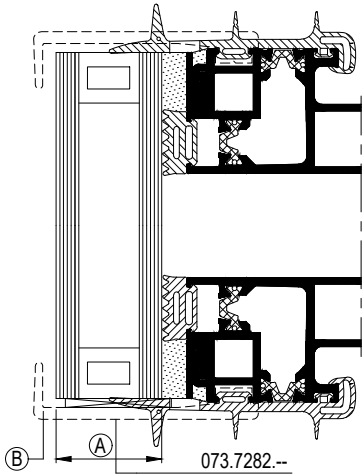
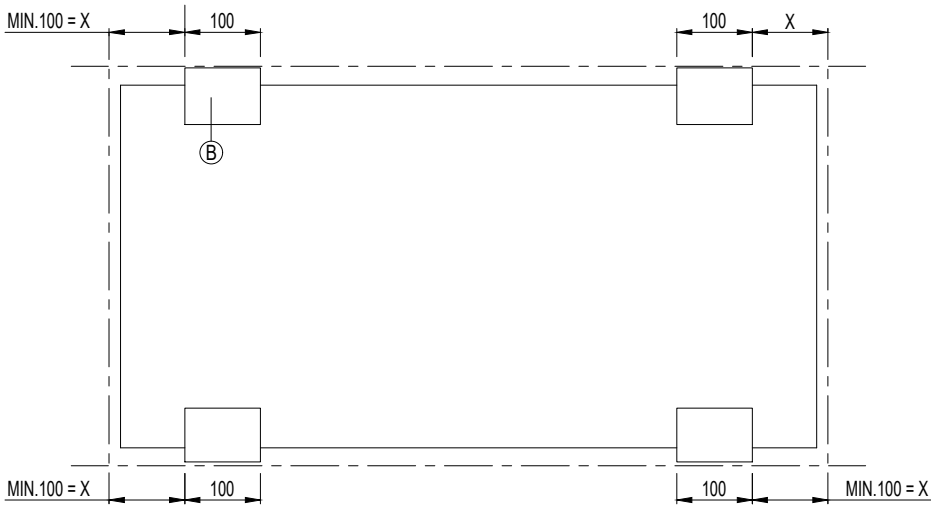
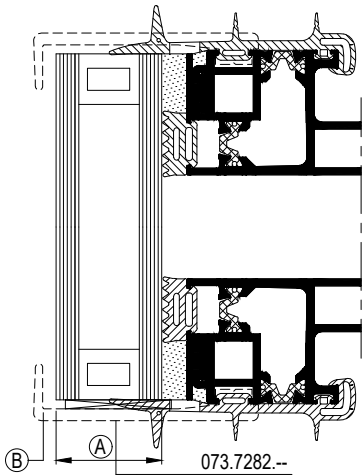
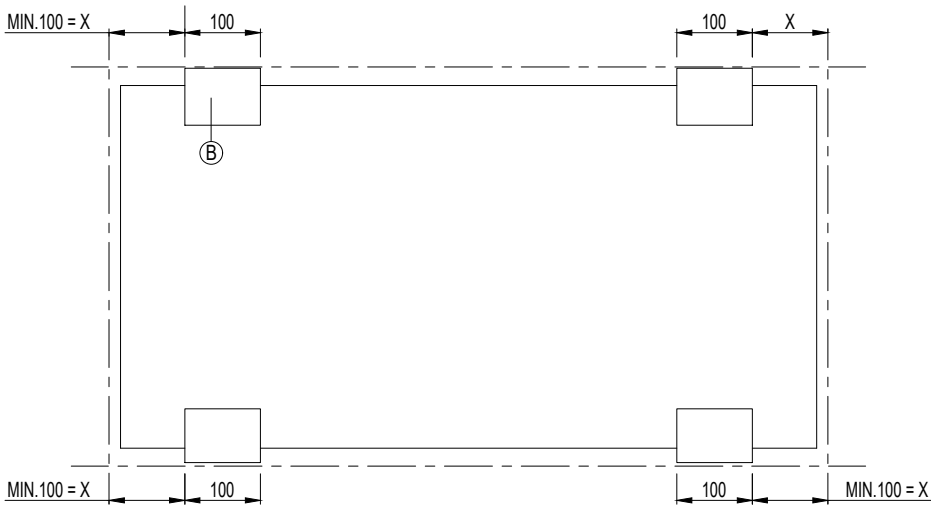


MECHANISCHE BEVEILIG GLAS: TOEPASSEN VOLGENS LOCALE RICHTLIJNEN
PROTECTION MECANIQUE DU VITRAGE: APPLICATION SELON LES DIRECTIVES LOCALES
MECHANICAL SAFETY OF GLASS: APPLICATION ACCORDING TO LOCAL INSTRUCTIONS
MECHANISCHE SICHERUNG VOM GLAS: ANWENDUNG GEMÄß DEN LOKALEN RICHTLIJNEN

073.8239.39: MAX 40kg/p
073.8252.XX: MAX 40kg/p



ALVORENS TE VERLIJMEN, CONTROLEER EERST DE RECHTSTANDIGHEID + EVENWIJDIGHEID +
RECHTHEID VAN DE PROFIelen VAN HET OPENGAANDE GEDEELTE.
AVANT COLLAGE, VERIFIER EQUERRAGE + PARALLELISME + RECTITUDE DES PROFILES DU CADRE OUVRANT.
BEFORE GLUEING CHECK THE PERPENDICULARITY + PARALLELISM + STRAIGHTNESS OF THE VENT PROFILES.
BEVOR ZU VERLEIMEN SOLL DIE SENKRECHTHEIT + DIE PARALLELITÄT + GERADHEIT
DER FLÜGELPROFILE ÜBERPRÜFT WERDEN.

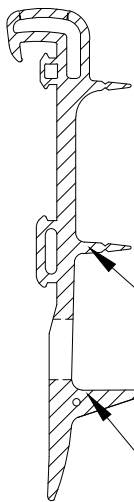
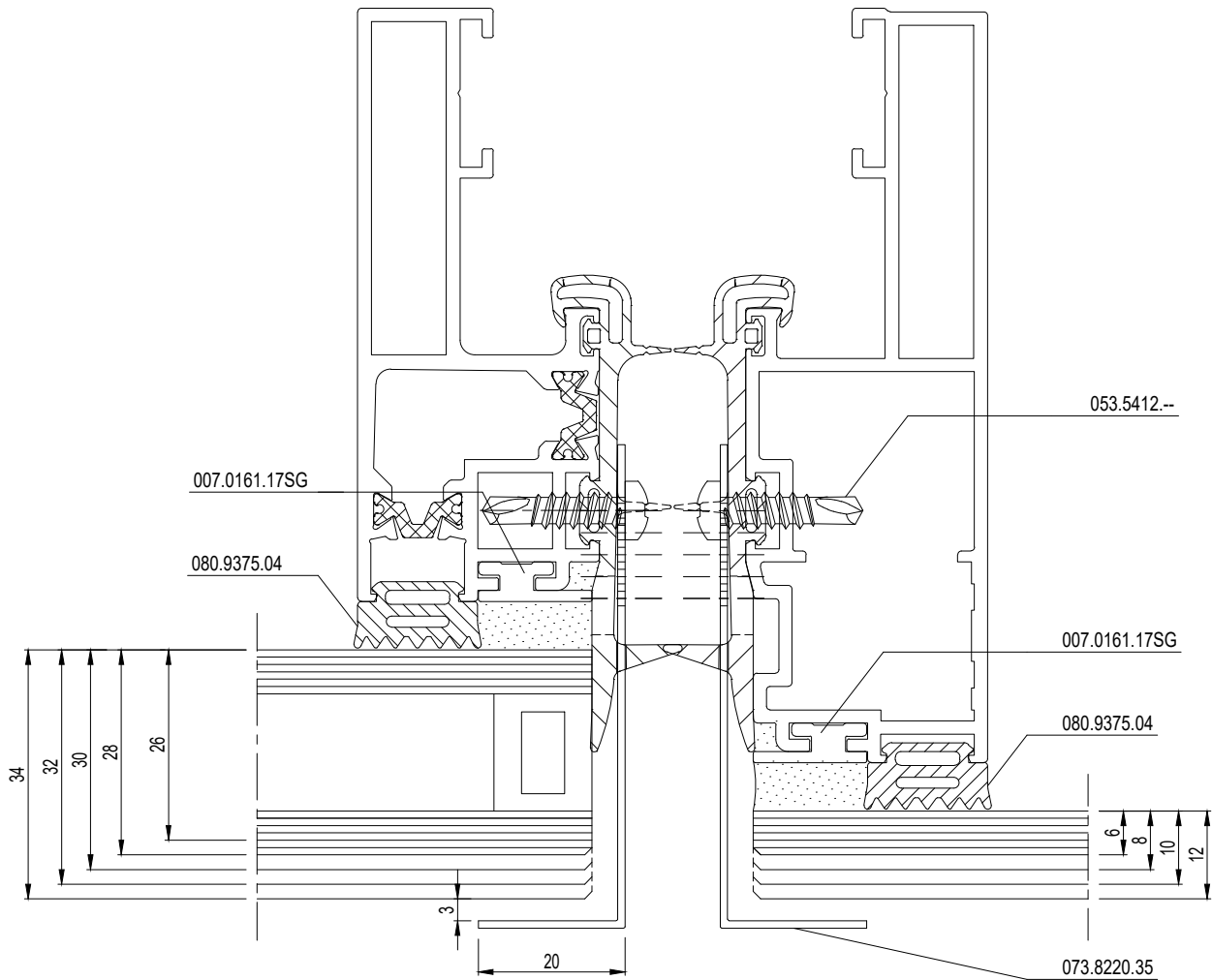


A

B

GLAS VERRE GLASS GLAS	GLASSTEUN / MECHANISCHE BEVEILIGING SUPPORT CALE DE VITRAGE / PROTECTION MECANIQUE GLASS SUPPORT / MECHANICAL SAFETY GLASAUFLAGEPROFIL / MECHANISCHE SICHERUNG
26 - 32 mm	073.7282.39
33 - 34 mm	073.7284.39

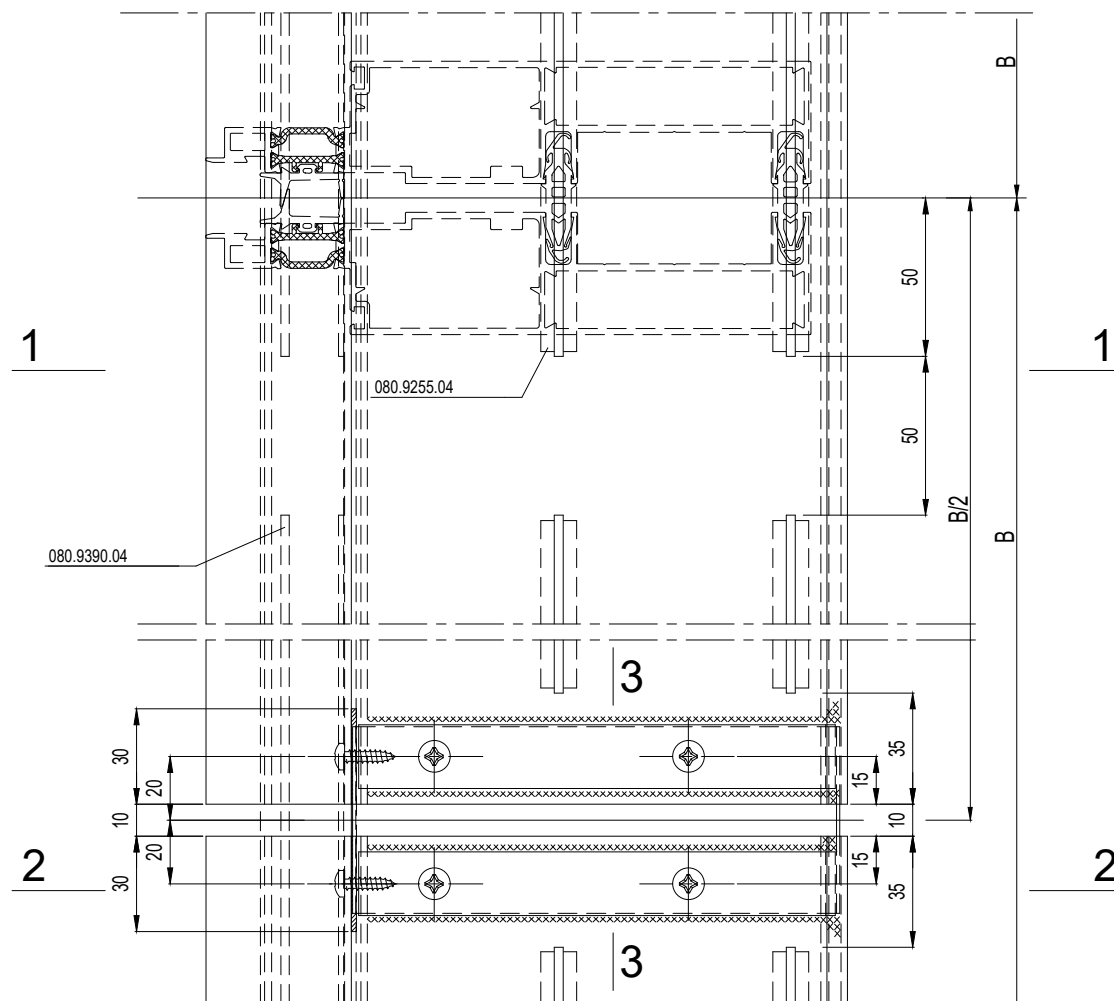
MECHANISCHE BEVEILIG GLAS: TOEPASSEN VOLGENS LOCALE RICHTLIJNEN
PROTECTION MECANIQUE DU VITRAGE: APPLICATION SELON LES DIRECTIVES LOCALES
MECHANICAL SAFETY OF GLASS: APPLICATION ACCORDING TO LOCAL INSTRUCTIONS
MECHANISCHE SICHERUNG VOM GLAS: ANWENDUNG GEMÄß DEN LOKALEN RICHTLIJNEN



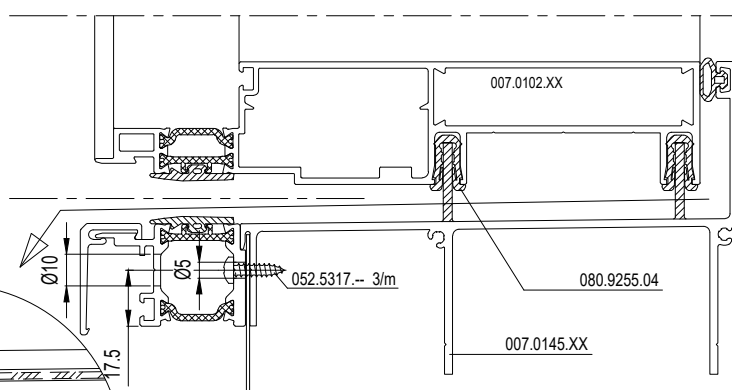
Hechtingsbeveiliging. (Niet gebruiken in geval van invulling die dienst doet als borstwering)
Pattes témoin de collage. (Ne pas utiliser dans le cas de remplissage faisant office de garde corps)
Bonding security. (Not to be used when filling used as balustrade)
Haftsicherung. (Nicht anwenden wenn die Füllung wie Geländer angewandt ist)

Afknippen van de lip op 32mm ter plaatse van hechtingsbeveiliging
Découpe de la lèvre sur 32mm au droit de la patte témoin
Cutting off lip at 32mm at the height of the bonding security
Lippe einschneiden an 32mm auf der Höhe der Haftsicherung

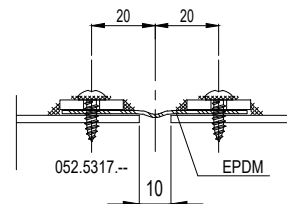
Insnijden van de lip op 32mm voor de doorgang van de hechtingsbeveiliging
Entaille de la lèvre sur 32 mm pour passage de la patte témoin
Cutting in lip at 32mm before the passage of the bonding security
Lippe einschneiden an 32mm vor dem Durchgang der Haftsicherung



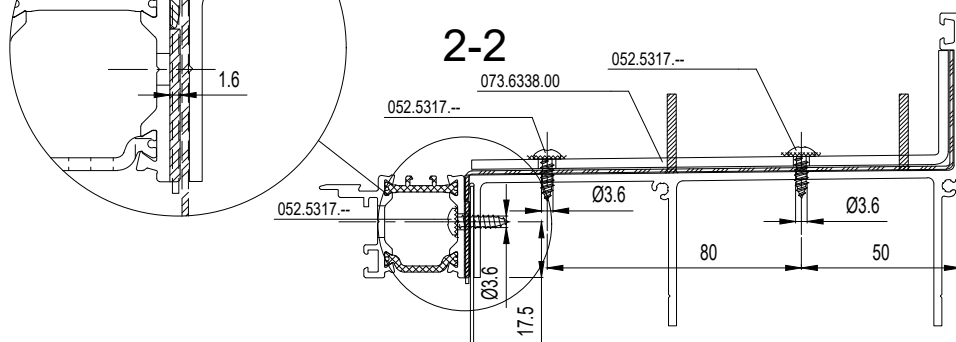
1-1



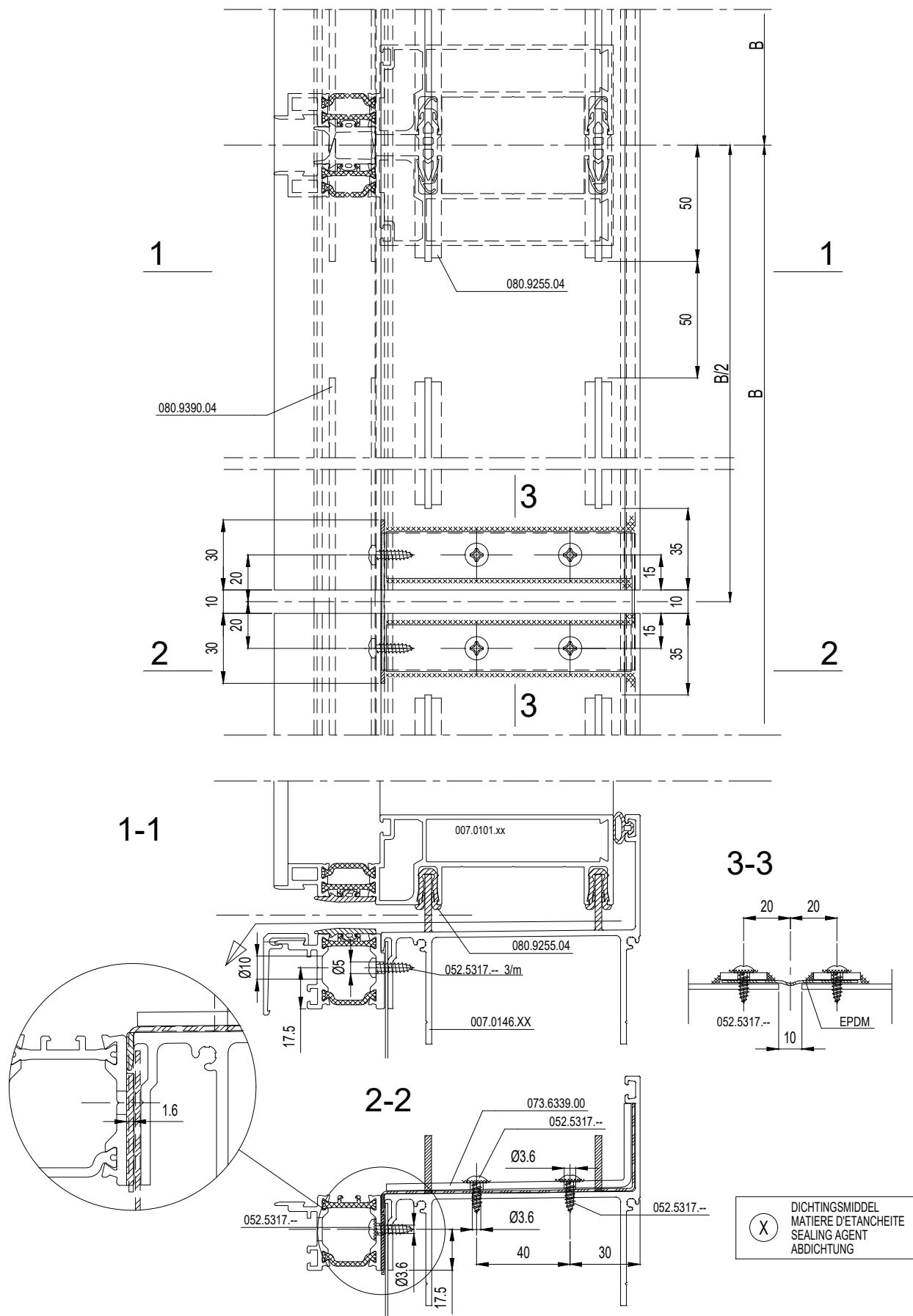
3-3

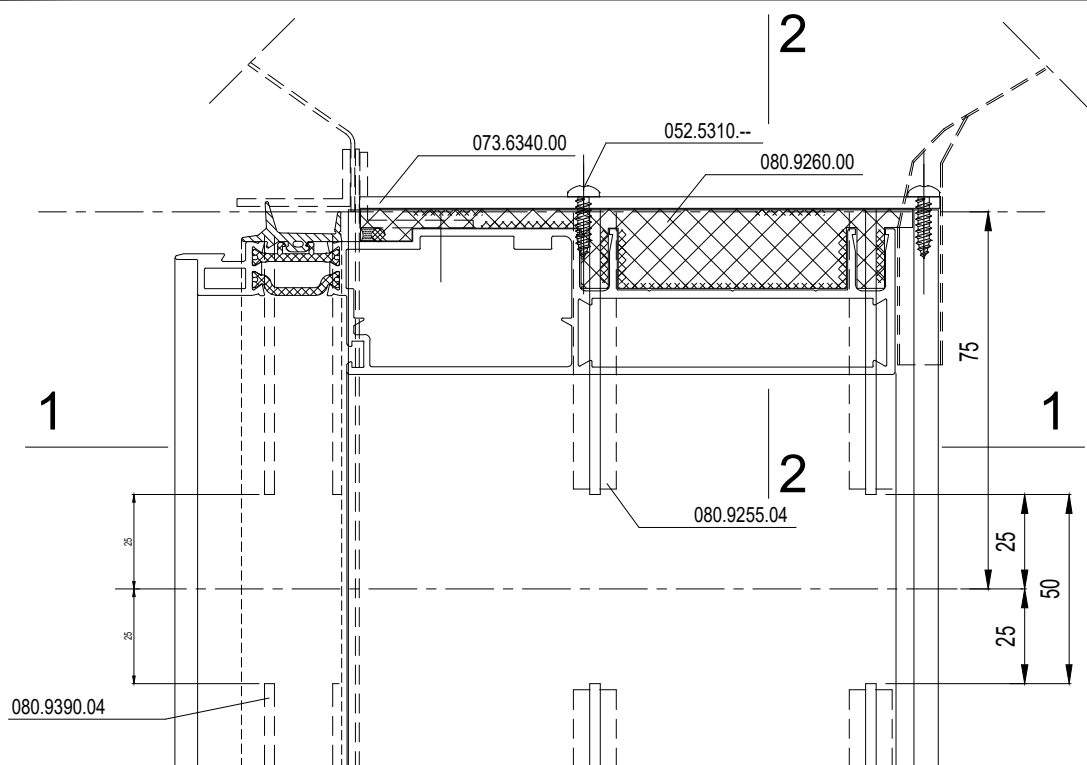


2-2

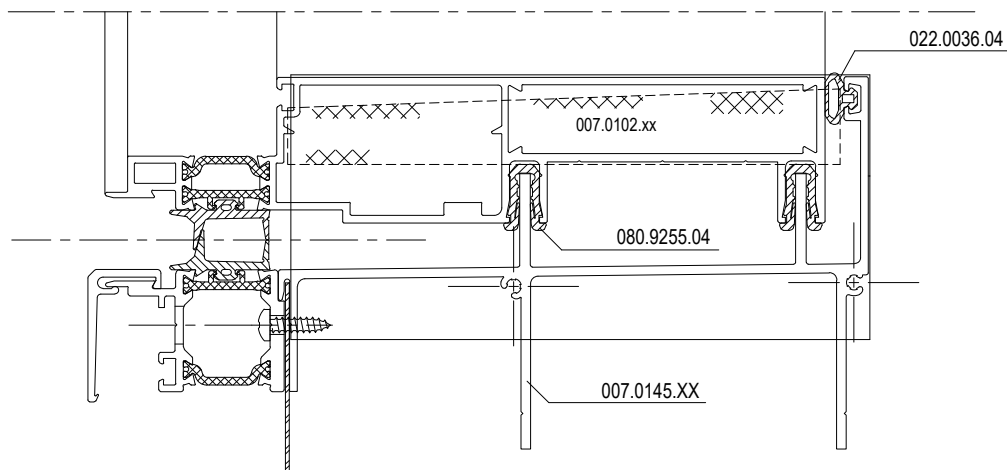


(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

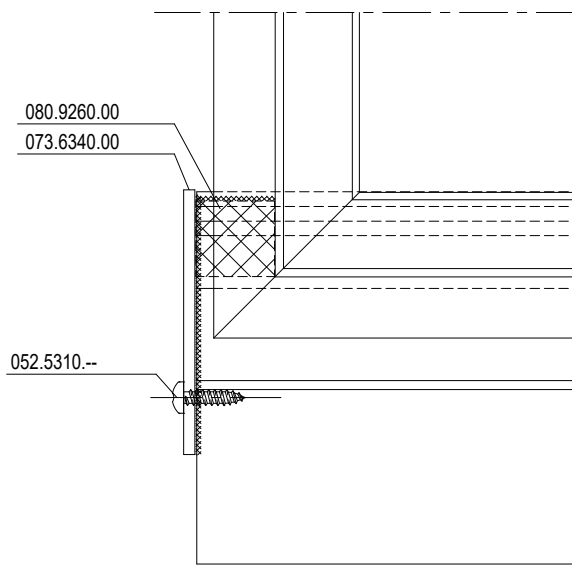




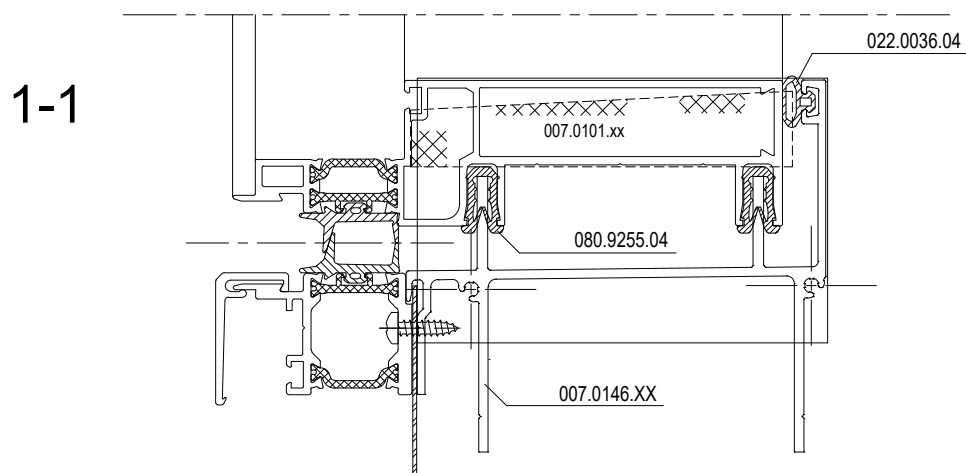
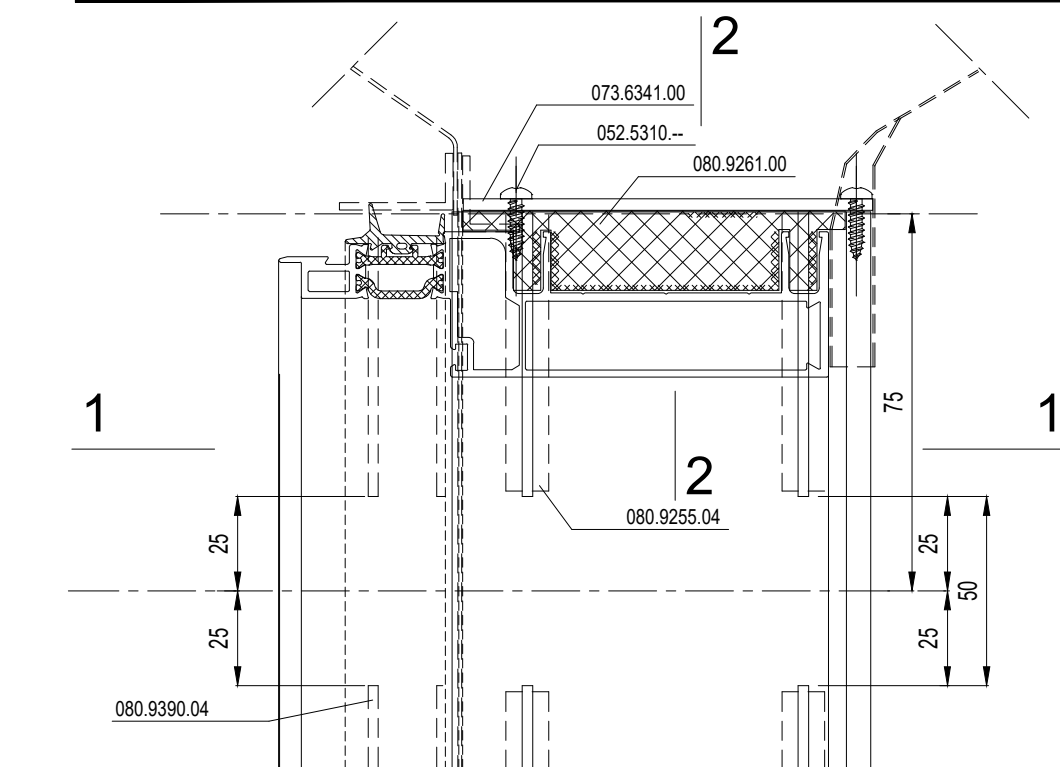
1-1



2-2

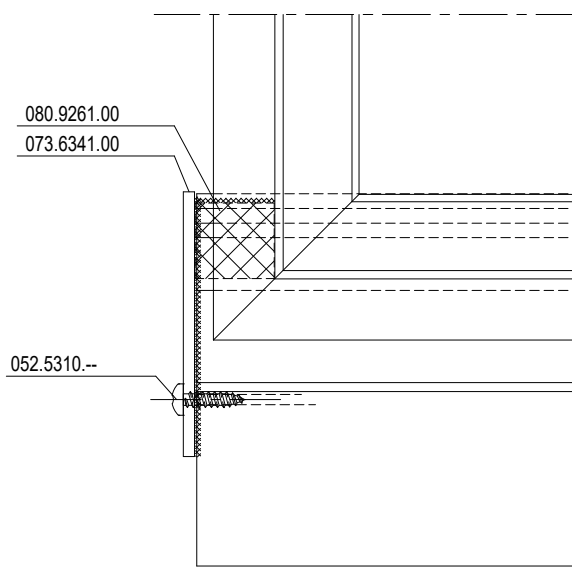


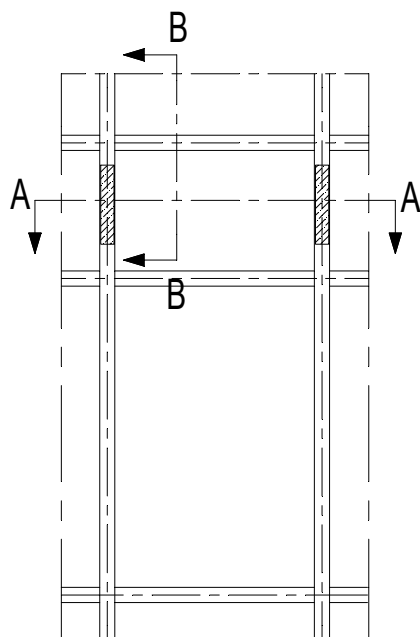
(X) DICHTUNGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG



2-2

(X) DICHTINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG



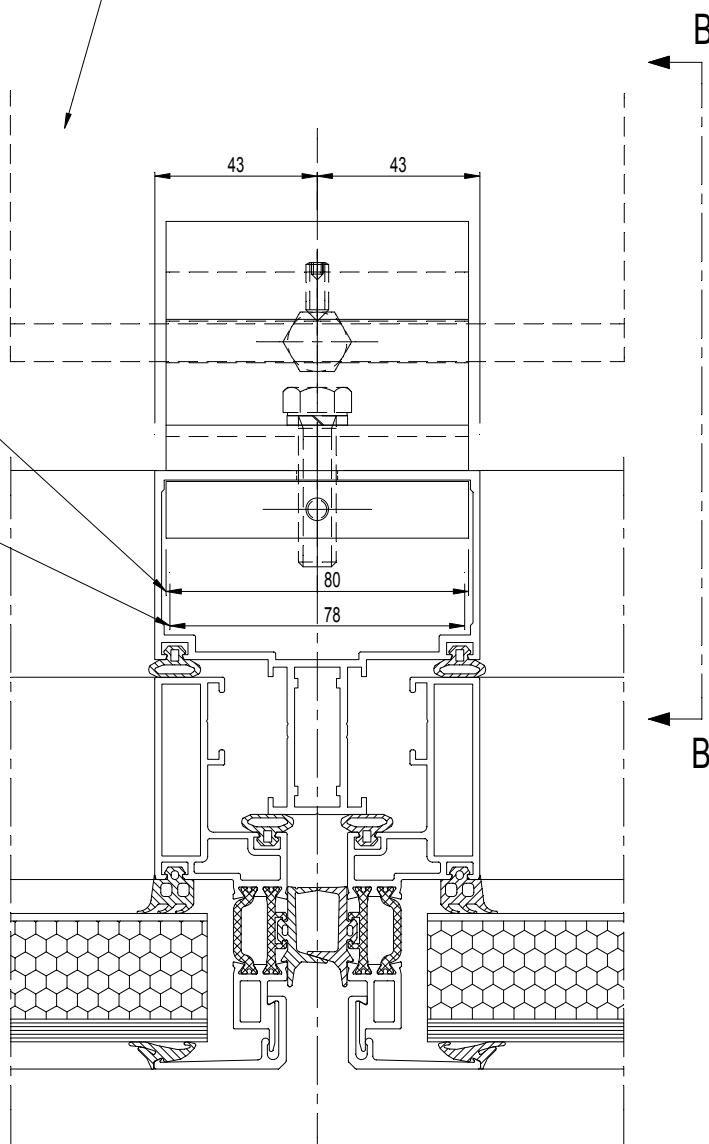


VERANKERING NAAR RUWBOUW IN FUNCTIE VAN RUWBOUWDETAIL.
FIXATIONS SUR GROS-OEUVRE SUIVANT POSSIBILITÉ GROS-OEUVRE

FIXATION TO STRUCTURE DEPENDING SITE CONDITIONS.
BEFESTIGUNG NACH BAUKÖRPER IM FONCTION DAS BAUDETAIL.

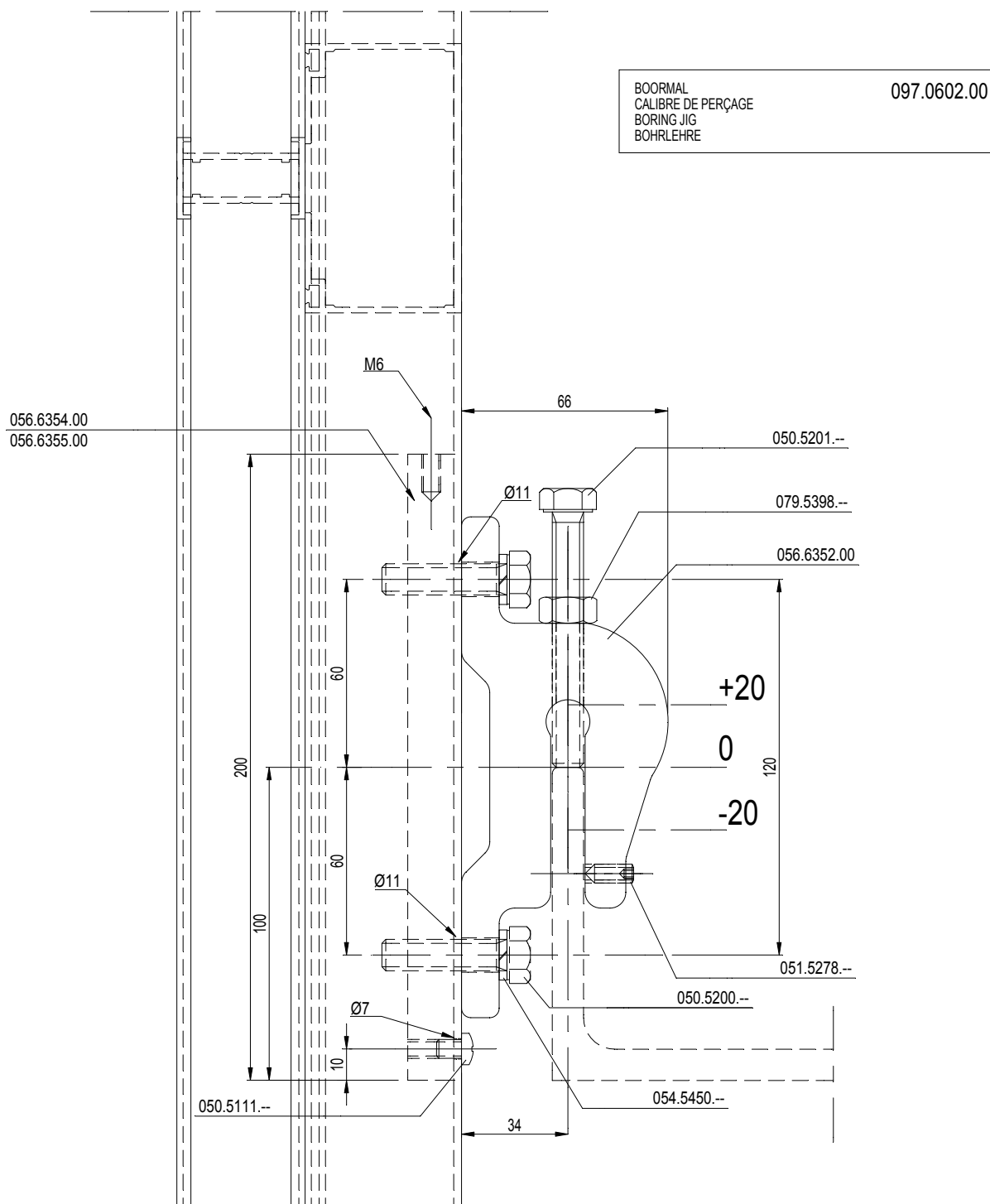
056.6354.00 for
012.5356.XX/012.5357.XX/012.5366.XX

056.6355.00 for
012.5375.XX



A - A

B - B

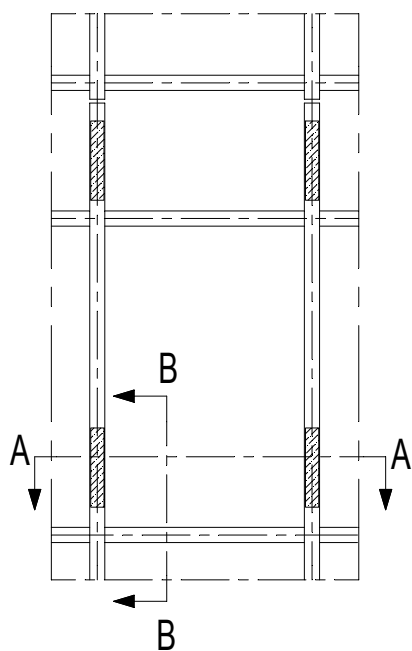


HET IS DE VERANTWOORDELIJKHEID VAN DE CONSTRUCTEUR HET ANKER TE CONTROLEREN OP DE REACTIES TEN GEVOLGE VAN EIGEN GEWICHT EN WINDBELASTING OP HET ELEMENT.

IL EST DE LA RESPONSABILITÉ DU CONSTRUCTEUR DE VÉRIFIER L'ATTACHE SOUS POIDS PROPRE DE L'ÉLÉMENT ET SOUS ACTION DU VENT.

IT'S THE FABRICATOR RESPONSABILITY TO CHECK THE BRACKET UNDER WEIGHT AND WINDLOAD ON THE ELEMENT.

DER KONSTRUKTEUR IST VERANTWORTLICH FÜR DIE ÜBERPRÜFUNG DER REAKTIONEN DES BEFESTIGUNGSSYSTEMS INFOLGE DES EIGENGEWICHTS UND DER WINDBELASTUNG AUF DAS ELEMENT.

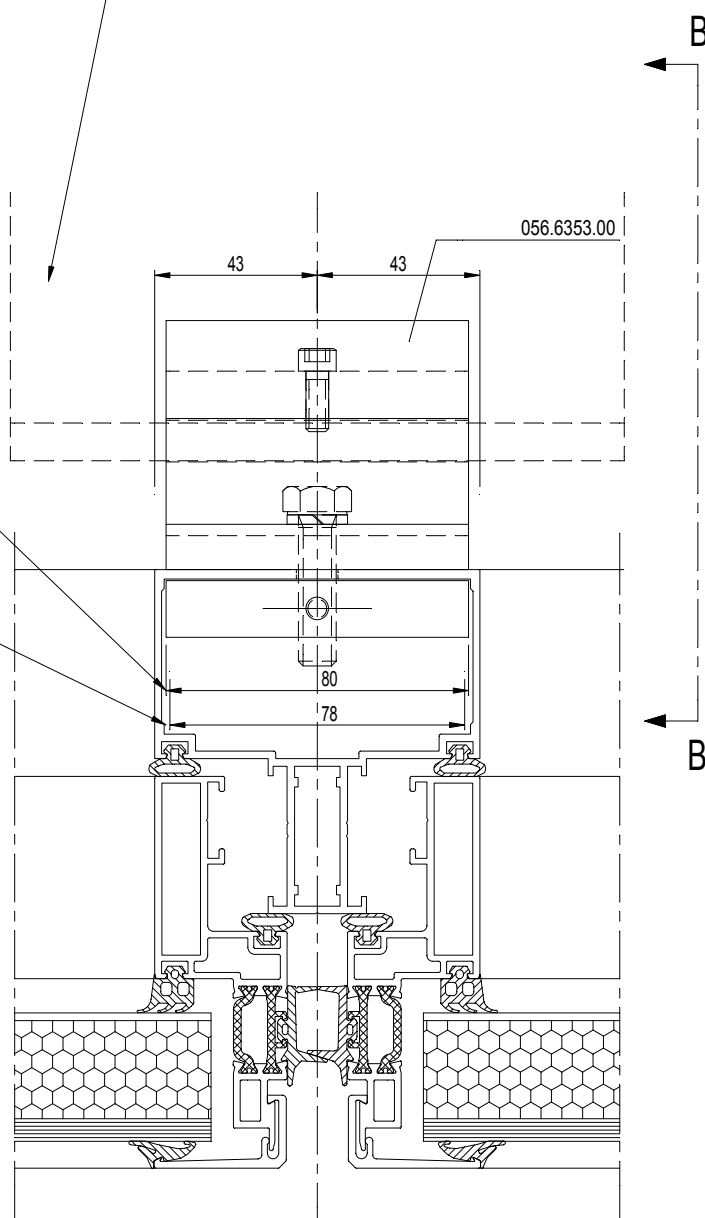


VERANKERING NAAR RUWBOUW IN FUNCTIE VAN RUWBOUWDETAIL.
 FIXATIONS SUR GROS-OEUVRE SUIVANT POSSIBILITÉ GROS-OEUVRE

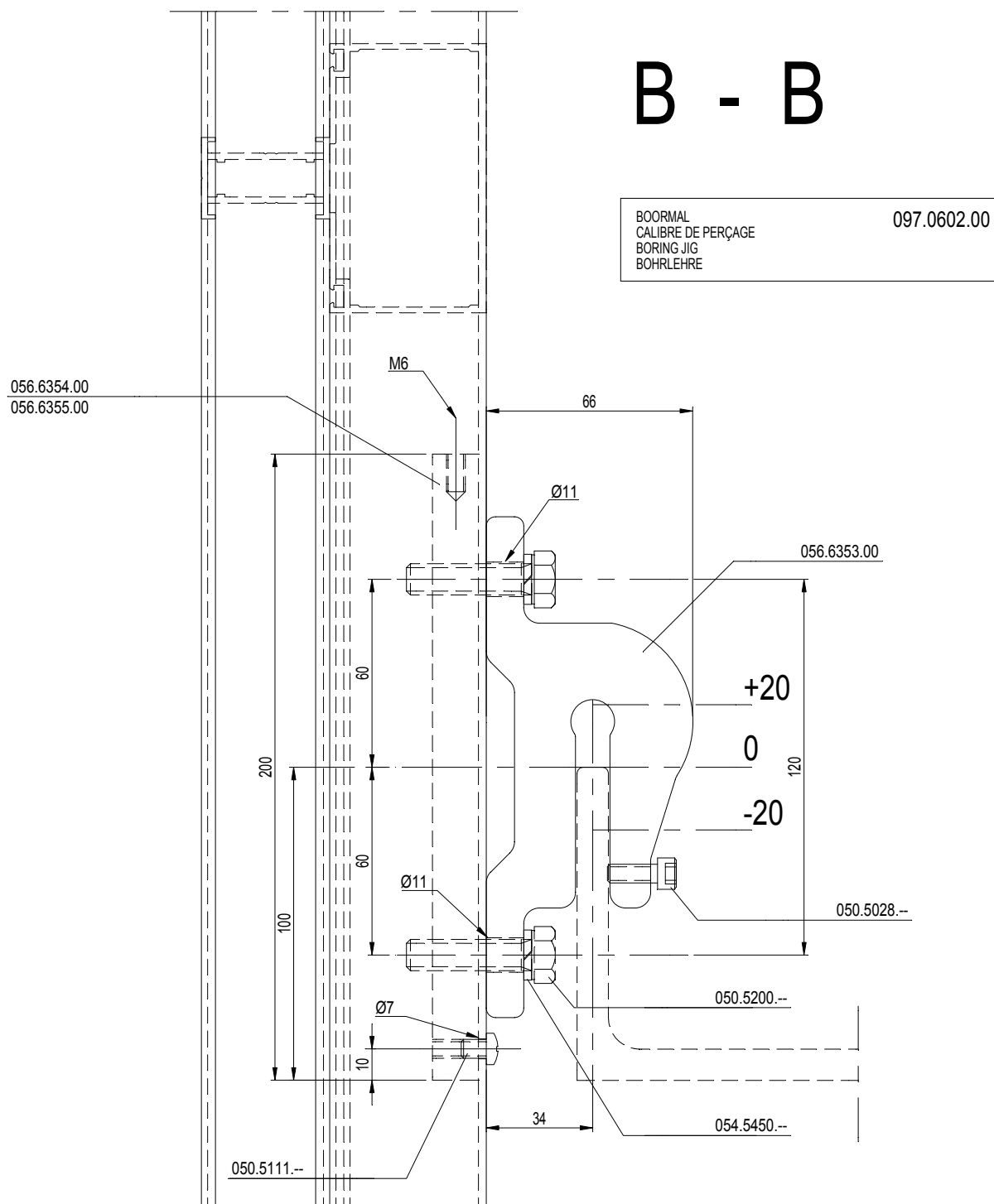
FIXATION TO STRUCTURE DEPENDING SITE CONDITIONS.
 BEFESTIGUNG NACH BAUKÖRPER IM FONCTION DAS BAUDETAIL.

056.6354.00 for
 012.5356.XX/012.5357.XX/012.5366.XX

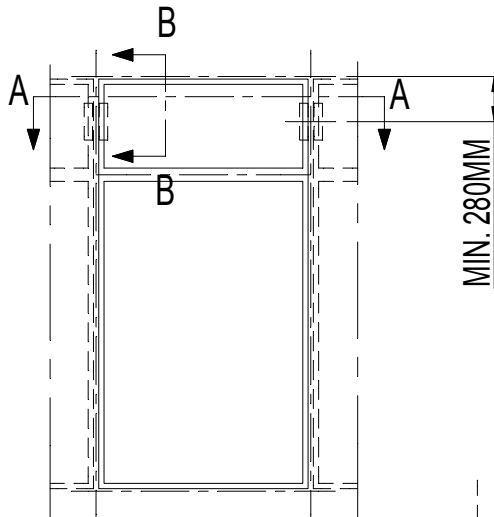
056.6355.00 for
 012.5375.XX



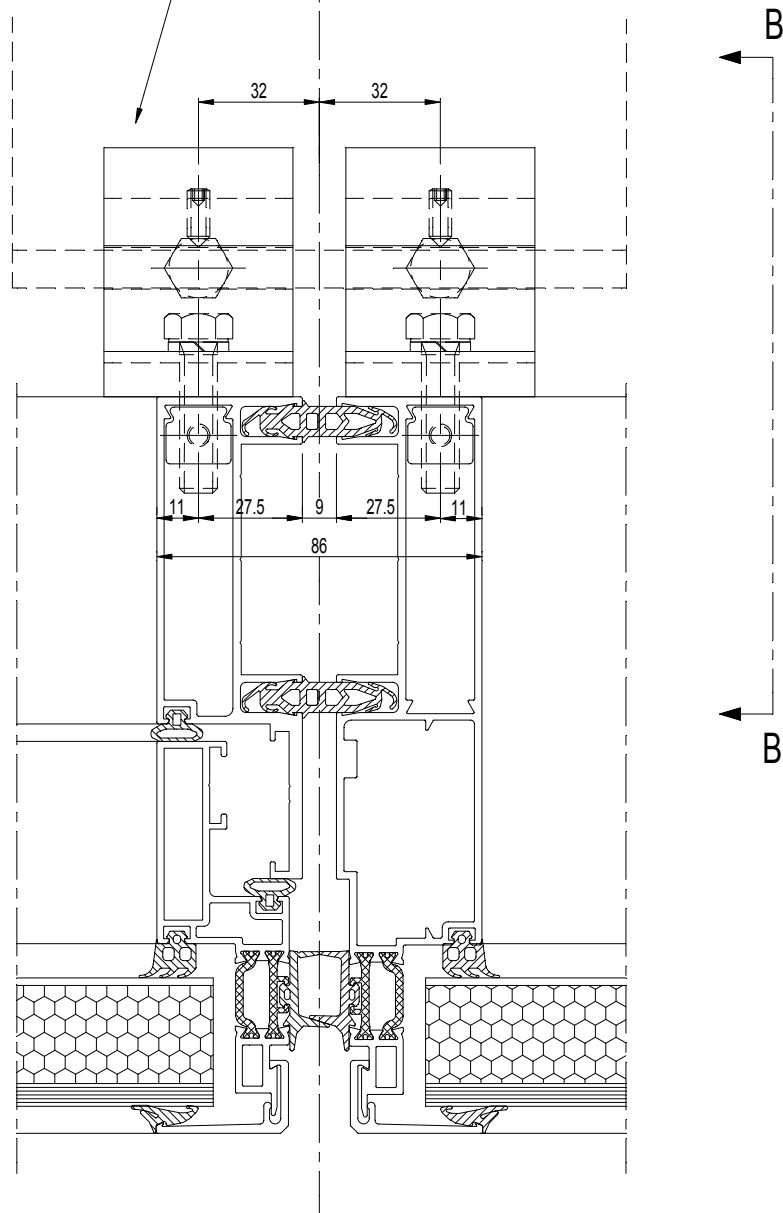
A - A



HET IS DE VERANTWOORDELIJKHEID VAN DE CONSTRUCTEUR HET ANKER TE CONTROLEREN OP DE REACTIES TEN GEVOLGE VAN EIGEN GEWICHT EN WINDBELASTING OP HET ELEMENT.
IL EST DE LA RESPONSABILITÉ DU CONSTRUCTEUR DE VERIFIER L'ATTACHE SOUS POIDS PROPRE DE L'ELEMENT ET SOUS ACTION DU VENT.
IT'S THE FABRICATOR RESPONSABILITY TO CHECK THE BRACKET UNDER WEIGHT AND WINDLOAD ON THE ELEMENT.
DER KONSTRUKTEUR IST VERANTWORTLICH FÜR DIE ÜBERPRÜFUNG DER REAKTIONEN DES BEFESTIGUNGSSYSTEMS INFOLGE DES EIGENGEWICHTS UND DER WINDBELASTUNG AUF DAS ELEMENT.



VERANKERING NAAR RUWBOUW IN FUNCTIE VAN RUWBOUWDETAIL.
FIXATIONS SUR GROS-OEUVRE SUIVANT POSSIBILITÉ GROS-OEUVRE
FIXATION TO STRUCTURE DEPENDING SITE CONDITIONS.
BEFESTIGUNG NACH BAUKÖRPER IM FONCTION DAS BAUDETAIL.

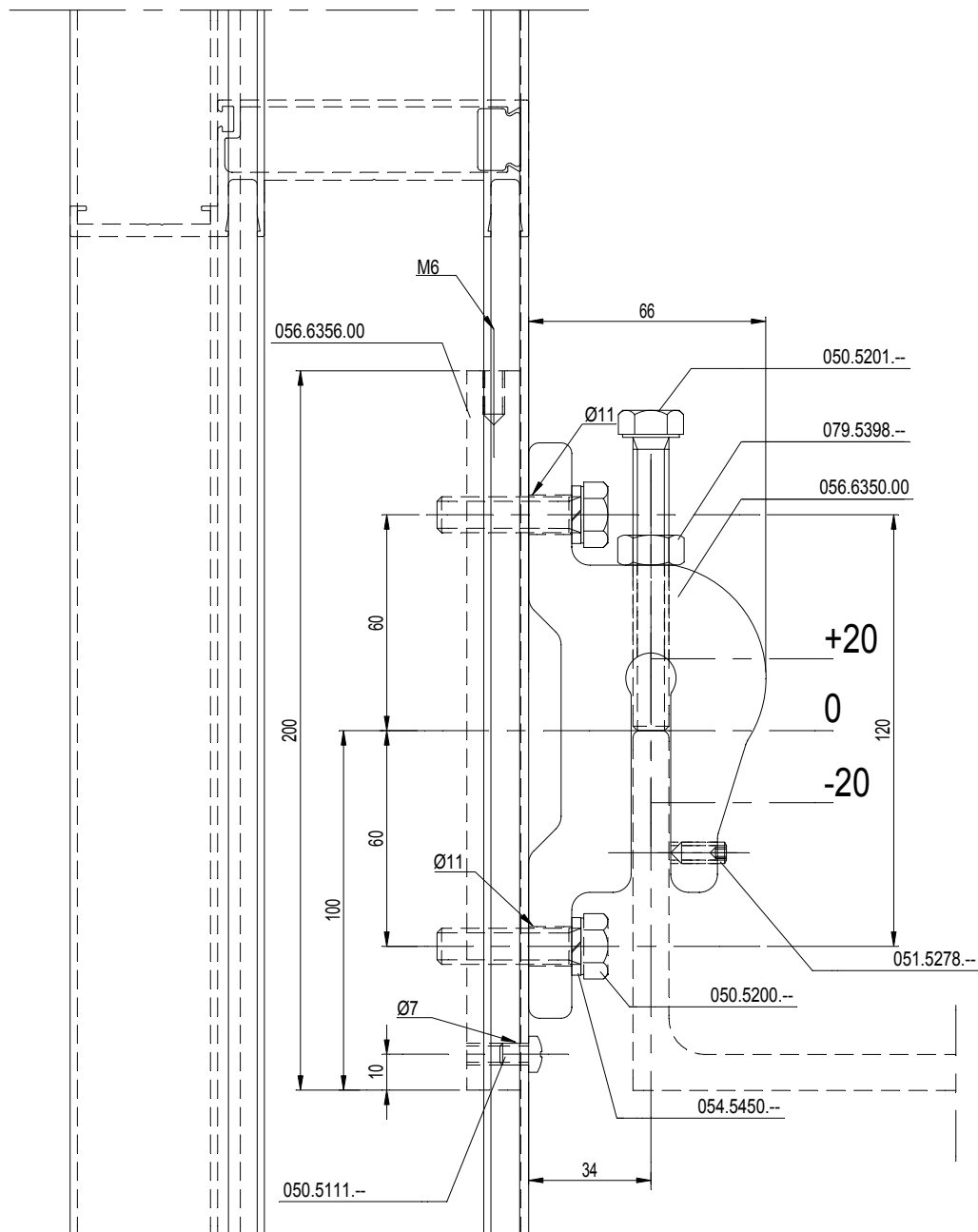


A - A

B - B

BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

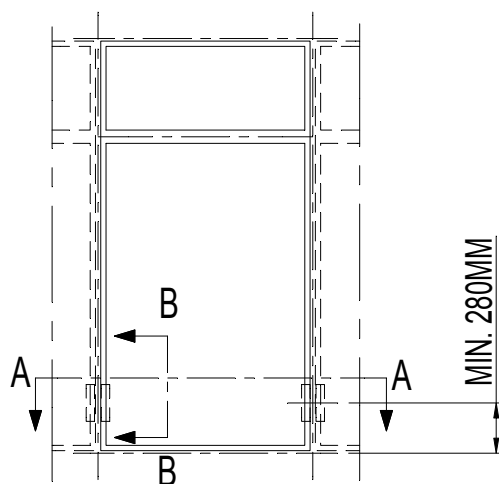
097.0682.00



HET IS DE VERANTWOORDELIJKHEID VAN DE CONSTRUCTEUR HET ANKER TE CONTROLEREN OP DE REACTIES TEN GEVOLGE VAN EIGEN GEWICHT EN WINDBELASTING OP HET ELEMENT.
IL EST DE LA RESPONSABILITÉ DU CONSTRUCTEUR DE VERIFIER L'ATTACHE SOUS POIDS PROPRE DE L'ELEMENT ET SOUS ACTION DU VENT.
IT'S THE FABRICATOR RESPONSABILITY TO CHECK THE BRACKET UNDER WEIGHT AND WINDLOAD ON THE ELEMENT.
DER KONSTRUKTEUR IST VERANTWORTLICH FÜR DIE ÜBERPRÜFUNG DER REAKTIONEN DES BEFESTIGUNGSSYSTEMS INFOLGE DES EIGENGEWICHTS UND DER WINDBELASTUNG AUF DAS ELEMENT.

F

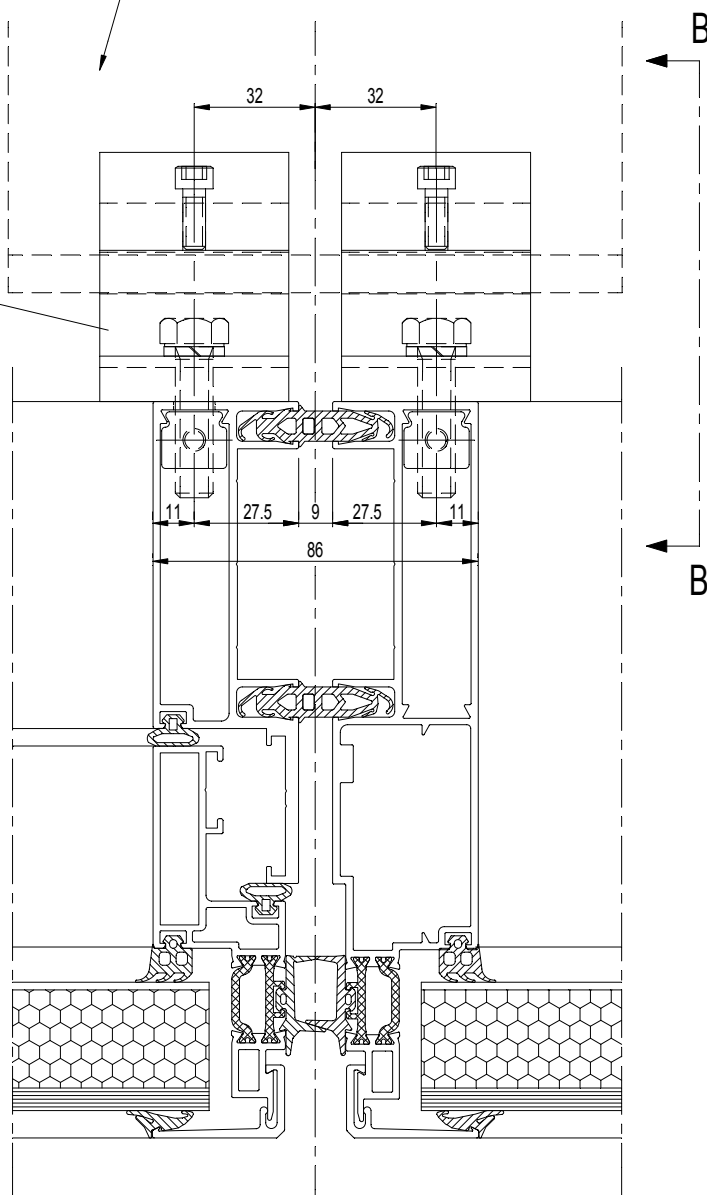
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VERANKERING NAAR RUWBOUW IN FUNCTIE VAN RUWBOUWDETAIL.
FIXATIONS SUR GROS-OEUVRE SUIVANT POSSIBILITÉ GROS-OEUVRE

FIXATION TO STRUCTURE DEPENDING SITE CONDITIONS.
BEFESTIGUNG NACH BAUKÖRPER IM FONCTION DAS BAUDETAIL.

056.6351.00

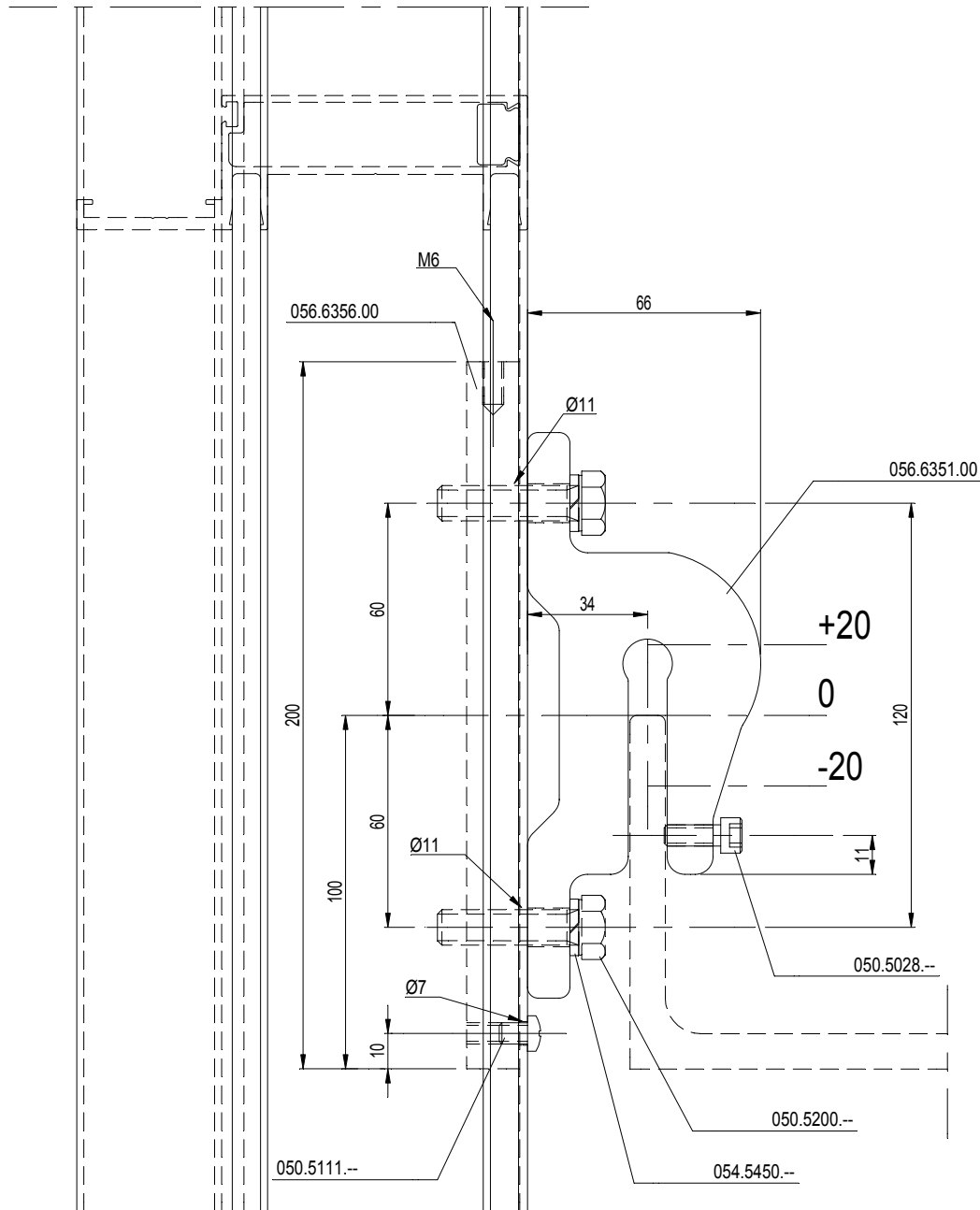


A - A

B - B

BOORMAL
CALIBRE DE PERÇAGE
BORING JIG
BOHRLEHRE

097.0682.00

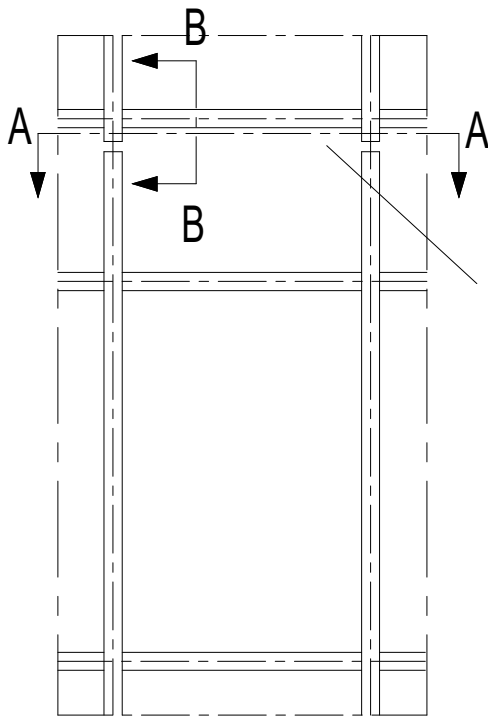


HET IS DE VERANTWOORDELIJKHEID VAN DE CONSTRUCTEUR HET ANKER TE CONTROLEREN OP DE REACTIES TEN GEVOLGE VAN EIGEN GEWICHT EN WINDBELASTING OP HET ELEMENT.

IL EST DE LA RESPONSABILITÉ DU CONSTRUCTEUR DE VÉRIFIER L'ATTACHE SOUS POIDS PROPRE DE L'ELEMENT ET SOUS ACTION DU VENT.

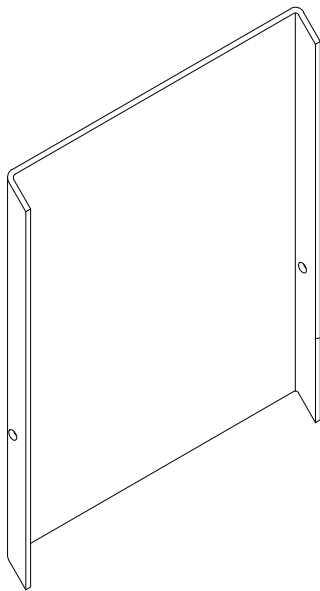
IT'S THE FABRICATOR RESPONSABILITY TO CHECK THE BRACKET UNDER WEIGHT AND WINDLOAD ON THE ELEMENT.

DER KONSTRUKTEUR IST VERANTWÖRTLICH FÜR DIE ÜBERPRÜFUNG DER REAKTIONEN DES BEFESTIGUNGSSYSTEMS INFOLGE DES EIGENGEWICHTS UND DER WINDBELASTUNG AUF DAS ELEMENT.

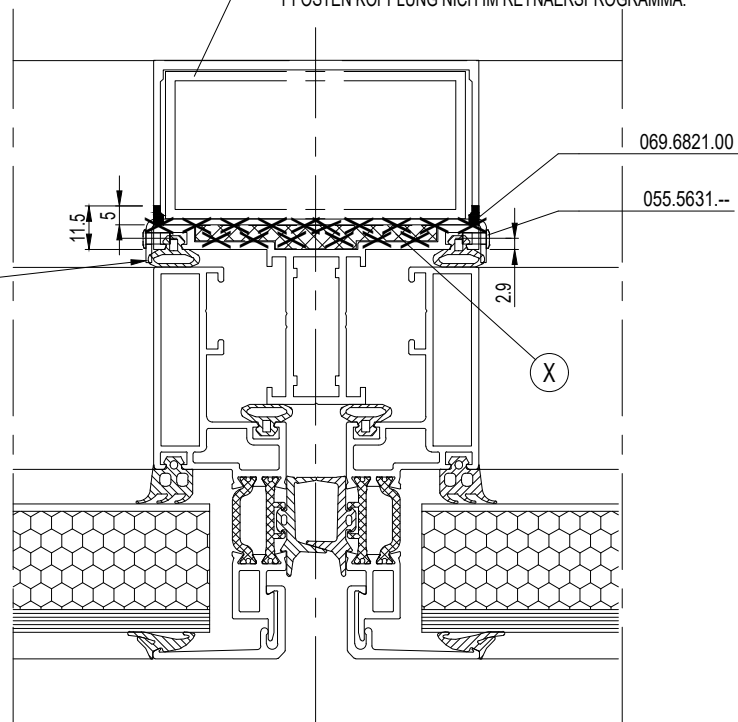


GEEN HAAKBEVESTIGING GLASKADER BOVEN UITZETVOEG.
PAS DE VERROUILLEUR AU DESSUS DU JOINT DE DILATATION.
NO HOOK ALLOWED ABOVE DILATION IN MULLION.
KEINE HAKEN ÜBER DER DEHNSTÖSSE.

A - A

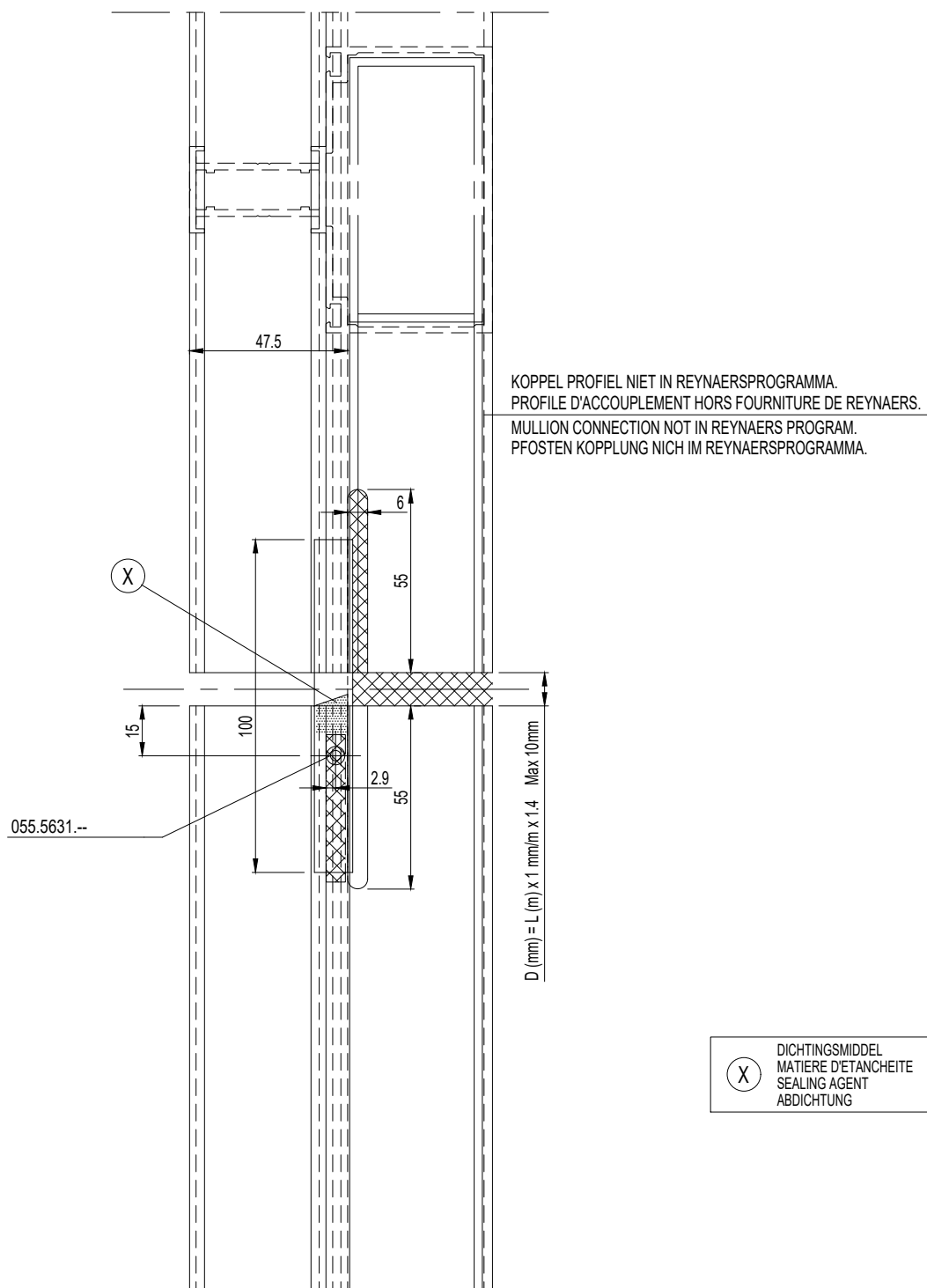


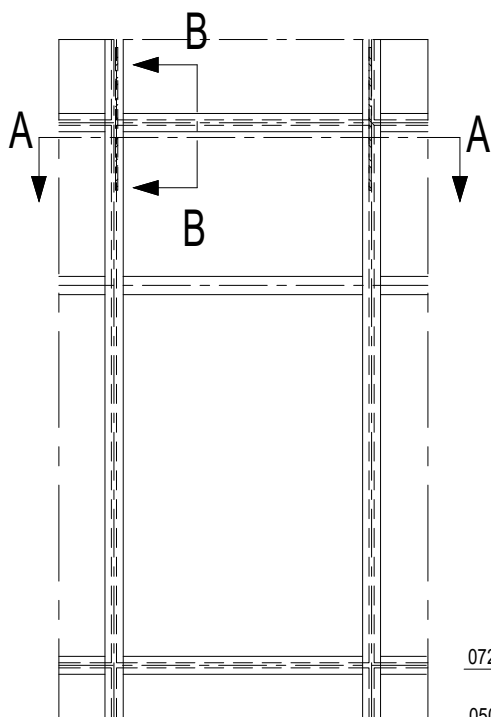
KOPPEL PROFIEL NIET IN REYNAERSPROGRAMMA.
PROFILE D'ACCOUPLEMENT PAS DANS LE PROGRAMME DE REYNAERS
MULLION CONNECTION NOT IN REYNAERS PROGRAM.
PFOSTEN KOPPLUNG NICH IM REYNAERSPROGRAMMA.



(X) DICHTUNGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

B - B



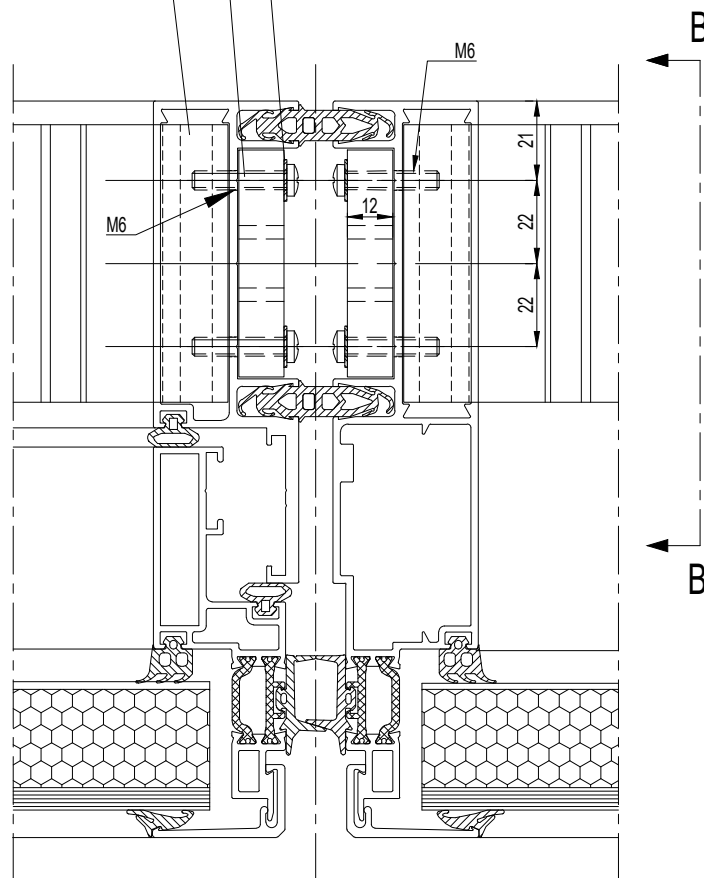


072.5208.--

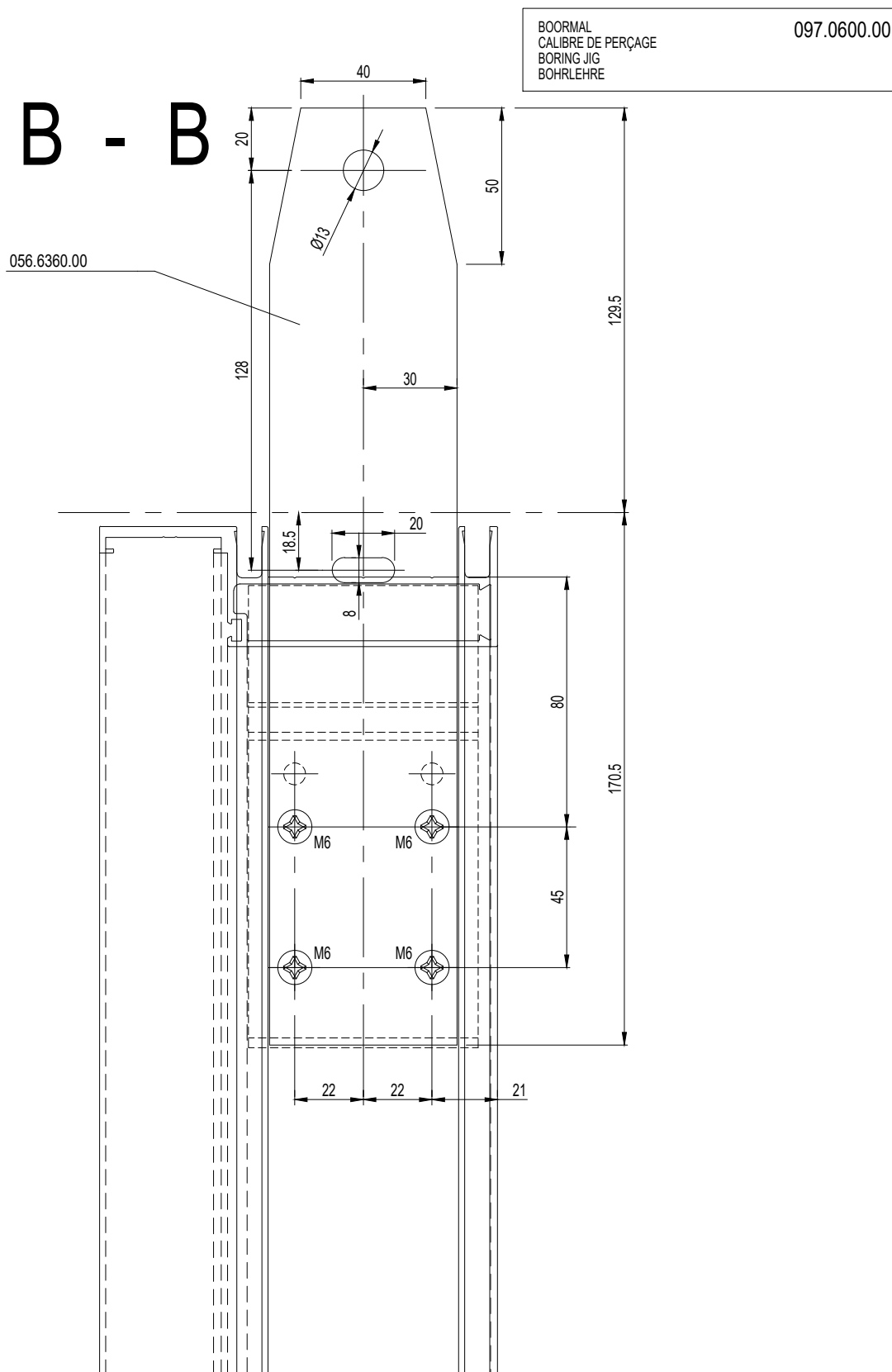
050.5112.--

068.6422.00

068.6423.00



A - A



HET IS DE VERANTWOORDELIJKHEID VAN DE CONSTRUCTEUR DE KOPPELING TE CONTROLEREN OP DE REACTIES TEN GEVOLGE VAN EIGEN GEWICHT EN WINDBELASTING OP HET ELEMENT.

IL EST DE LA RESPONSABILITÉ DU CONSTRUCTEUR DE VÉRIFIER L'ECLISSE SOUS POIDS PROPRE DE L'ELEMENT ET SOUS ACTION DU VENT. IT'S THE FABRICATOR RESPONSABILITY TO CHECK THE FRAME UNDER WEIGHT AND WINDLOAD ON THE ELEMENT.

DER KONSTRUKTEUR IST VERANTWÖRTLICH FÜR DIE ÜBERPRÜFUNG DER REAKTIONEN DES BEFESTIGUNGSSYSTEMS INFOLGE DES EIGENGEWICHTS UND DER WINDBELASTUNG AUF DAS ELEMENT.

CW 86-EF

KOPPELING TUSSEN KADERS ONDERLING 056.6360.00
ECLISSE ENTRE CADRES 056.6360.00
FRAME CONNECTION 056.6360.00
ELEMENTKOPPLUNG 056.6360.00

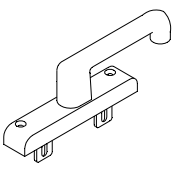
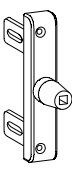
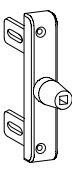
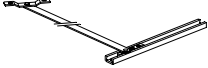
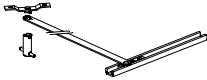
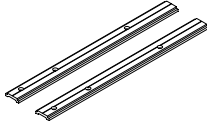
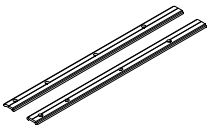
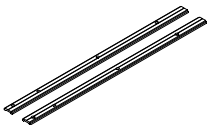
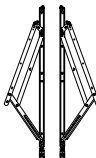
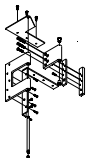
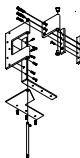
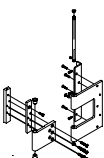
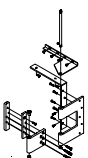
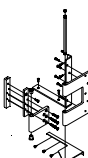
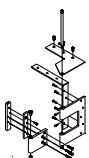
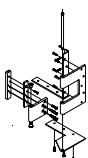
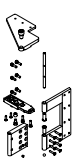
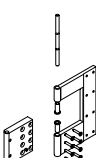
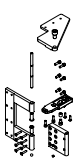
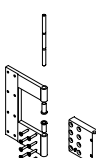
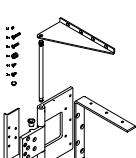
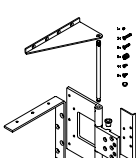
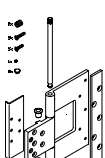
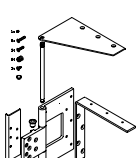
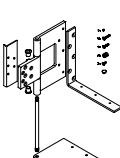
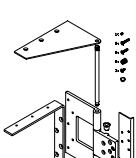
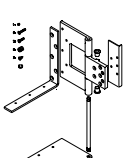
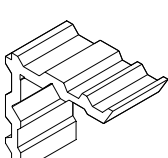
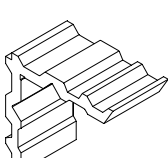


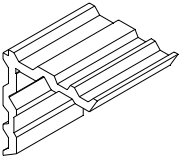
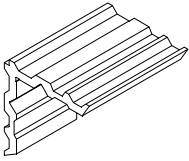
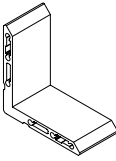
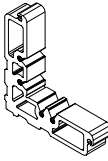
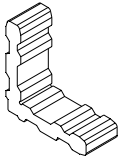
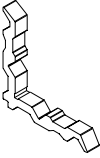
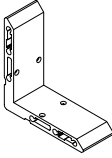
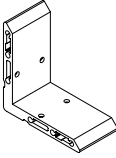
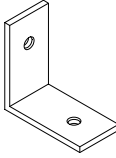
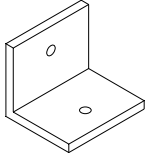
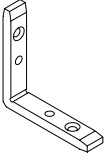
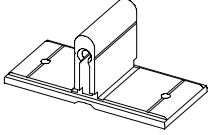
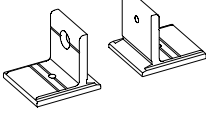
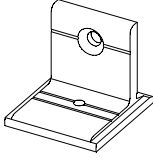
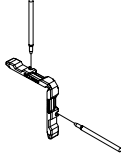
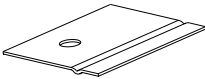
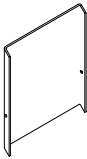
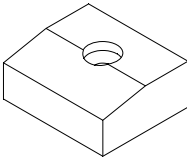
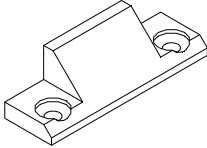
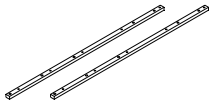
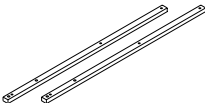
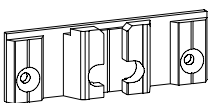
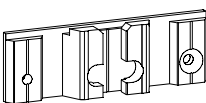
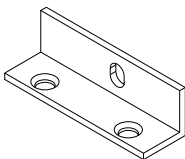
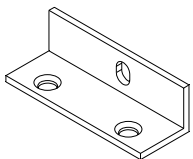
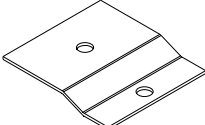
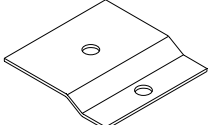
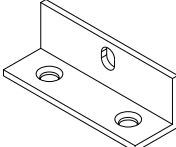
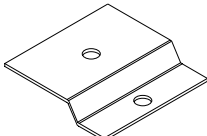
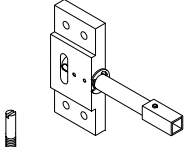
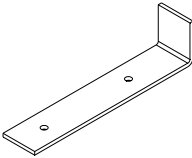
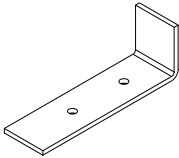
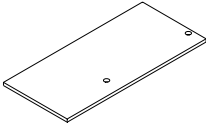
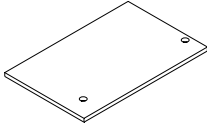
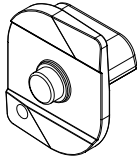
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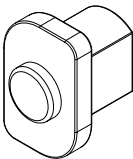
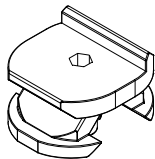
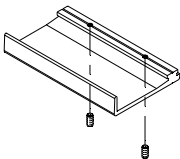
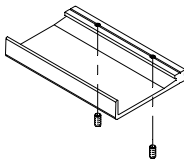
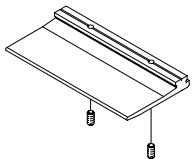
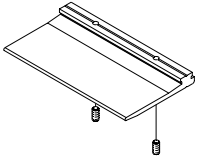
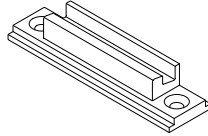
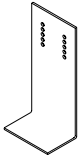
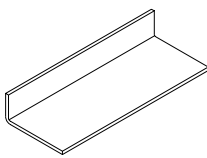
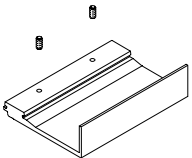
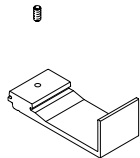
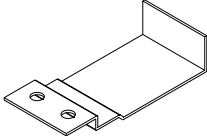
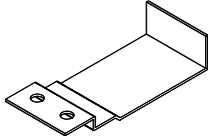
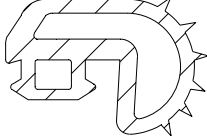
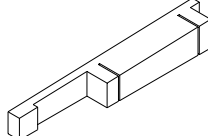
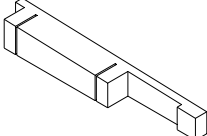
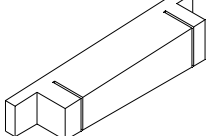
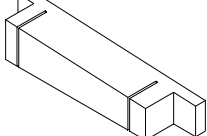
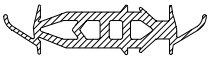
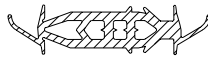
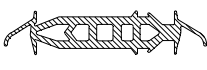
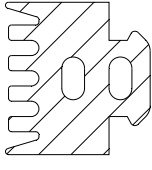
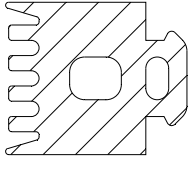
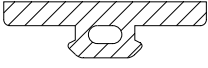
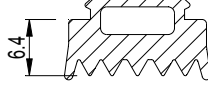
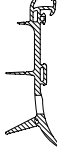
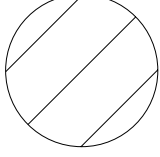
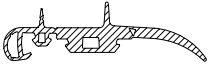
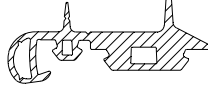
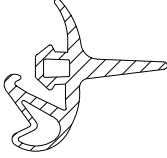
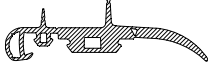
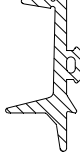
Toebehoren
Accessoires
Accessories
Zubehör

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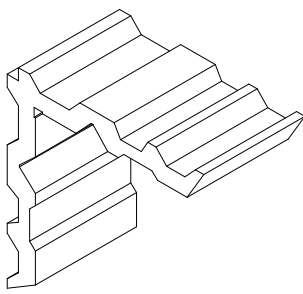
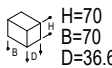
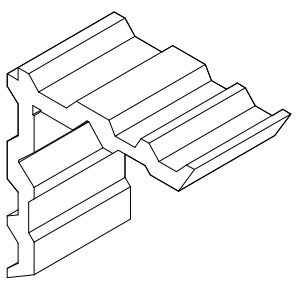
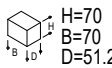
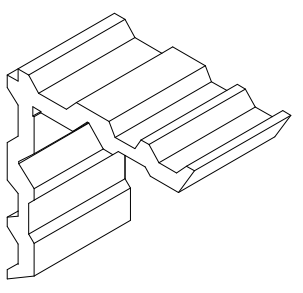
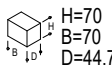
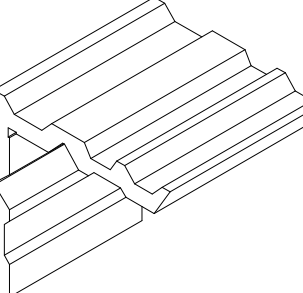
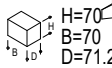
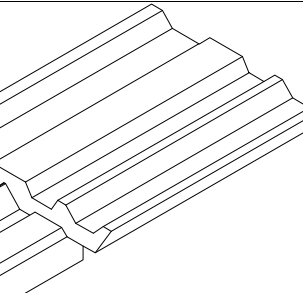
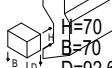
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060.7166.-- (69.G.029) 	060.7167.-- (69.G.029) 	060.7168.-- (69.G.029) 	060.7871.-- (69.G.014) 	060.8315.00 (69.G.018) 
060.8316.00 (69.G.018) 	060.8317.00 (69.G.018) 	060.8370.-- (69.G.017) 	065.7701.XX (69.G.019) 	065.7702.XX (69.G.019) 
065.7703.XX (69.G.020) 	065.7704.XX (69.G.020) 	065.7705.XX (69.G.021) 	065.7706.XX (69.G.021) 	065.7707.XX (69.G.022) 
065.7735.39 (69.G.026) 	065.7736.39 (69.G.026) 	065.7737.39 (69.G.027) 	065.7738.39 (69.G.027) 	065.7739.39 (69.G.028) 
065.7740.39 (69.G.028) 	065.7750.XX (69.G.022) 	065.7751.XX (69.G.023) 	065.7752.XX (69.G.023) 	065.7753.XX (69.G.024) 
065.7754.XX (69.G.024) 	065.7755.XX (69.G.025) 	065.7756.XX (69.G.025) 	068.6402.00 (69.G.006) 	068.6405.00 (69.G.006) 

068.6407.00 (69.G.006) 	068.6408.00 (69.G.006) 	068.6409.00 (69.G.007) 	068.6412.00 (69.G.007) 	068.6413.00 (69.G.007) 
068.6414.00 (69.G.007) 	068.6422.00 (69.G.008) 	068.6423.00 (69.G.008) 	068.6503.00 (69.G.008) 	068.6504.00 (69.G.008) 
068.6505.-- (69.G.009) 	068.6548.17 (69.G.010) 	068.6551.17 (69.G.010) 	068.6552.17 (69.G.010) 	068.8875.00 (69.G.009) 
069.6820.-- (69.G.034) 	069.6821.00 (69.G.041) 	069.6822.07 (69.G.014) 	069.7073.01 (69.G.012) 	073.6300.00 (69.G.042) 
073.6301.00 (69.G.042) 	073.6310.00 (69.G.011) 	073.6311.00 (69.G.011) 	073.6312.XX (69.G.033) 	073.6313.XX (69.G.033) 
073.6315.-- (69.G.033) 	073.6316.-- (69.G.033) 	073.6317.39 (69.G.034) 	073.6318.-- (69.G.034) 	073.6320.00 (69.G.030) 
073.6338.00 (69.G.038) 	073.6339.00 (69.G.038) 	073.6340.00 (69.G.038) 	073.6341.00 (69.G.038) 	073.6350.00 (69.G.011) 

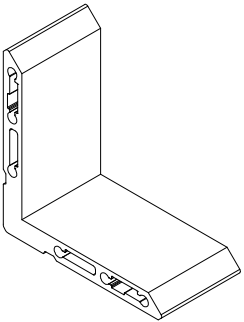
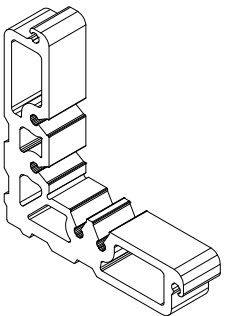
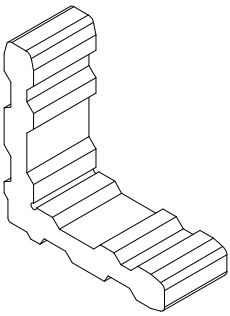
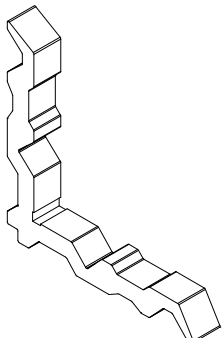
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073.7292.39 (69.G.036) 	073.7312.04 (69.G.013) 	073.8220.35 (69.G.037) 	073.8239.39 (69.G.035) 	073.8247.-- (69.G.035) 
073.8252.XX (69.G.035) 	073.8254.XX (69.G.035) 	073.8255.35 (69.G.036) 	073.8256.35 (69.G.036) 	080.9002.04 (69.G.048) 
080.9255.04 (69.G.052) 	080.9260.04 (69.G.051) 	080.9261.04 (69.G.051) 	080.9262.04 (69.G.051) 	080.9263.04 (69.G.051) 
080.9264.04 (69.G.052) 	080.9265.04 (69.G.052) 	080.9266.04 (69.G.052) 	080.9300.04 (69.G.048) 	080.9301.04 (69.G.048) 
080.9319.04 (69.G.048) 	080.9375.04 (69.G.045) 	080.9376.04 (69.G.050) 	080.9377.04 (69.G.050) 	080.9381.04 (69.G.052) 
080.9386.04 (69.G.049) 	080.9387.04 (69.G.049) 	080.9388.04 (69.G.053) 	080.9389.04 (69.G.049) 	080.9390.04 (69.G.043) 

[illegible]



 	021.0038.00 PERSHOEK 10x37 EQUERRE A SERTIR 10x37 CRIMP CORNER CLEAT 10x37 PRESSECKWINKEL 10x37	CW 86 012.5350.XX CW 86-EF 012.5350.XX CP 45Pa ALLIANCE		
 	068.6402.00 PERSHOEK 10x51.2 EQUERRE A SERTIR 10x51.2 CRIMP CORNER CLEAT 10x51.2 PRESSECKWINKEL 10x51.2	CW 86		
 	068.6405.00 PERSHOEK 10x44.7 EQUERRE A SERTIR 10x44.7 CRIMP CORNER CLEAT 10x44.7 PRESSECKWINKEL 10x44.7	CW 86 007.0120.XX 007.0121.XX 007.0160.XX 007.0164.XX CW 86-EF 007.0120.XX 007.0121.XX 007.0160.XX 007.0164.XX		
 	068.6407.00 PERSHOEK 10x71.2 EQUERRE A SERTIR 10x71.2 CRIMP CORNER CLEAT 10x71.2 PRESSECKWINKEL 10x71.2	CW 86 028.2051.XX CW 86-SG 028.2051.XX CW 86-EF 028.2051.XX CW 65-EF		
 	068.6408.00 PERSHOEK 10x92.6 EQUERRE A SERTIR 10x92.6 CRIMP CORNER CLEAT 10x92.6 PRESSECKWINKEL 10x92.6	CW 86 028.2052.XX CW 86-SG 028.2052.XX CW 86-EF 028.2052.XX		



 H=148 B=148 D=73.6	068.6409.00 PERSHOEK 17.4x73.6 EQUERRE A SERTIR 17.4x73.6 CRIMP CORNER CLEAT 17.4x73.6 PRESSECKWINKEL 17.4x73.6	CW 86-EF 007.0100.XX 007.0101.XX CW 86-EF/HI CW 86		
 H=95.7 B=97.8 D=19.7	068.6412.00 PERSHOEK 24x19.7MM EQUERRE A SERTIR 24x19.7MM CRIMP CORNER CLEAT 24x19.7MM PRESSECKWINKEL 24x19.7MM	CW 86 007.0164.XX CW 86-EF 007.0164.XX		
 H=60 B=60 D=23.3	068.6413.00 PERSHOEK 11.1x23.3MM EQUERRE A SERTIR 11.1x23.3MM CRIMP CORNER CLEAT 11.1x23.3MM PRESSECKWINKEL 11.1x23.3MM	CW 86 007.0162.XX CW 86-EF 007.0162.XX		
 H=69.6 B=69.6 D=9.9	068.6414.00 PERSHOEK 10x9.9MM EQUERRE A SERTIR 10x9.9MM CRIMP CORNER CLEAT 10x9.9MM PRESSECKWINKEL 10x9.9MM	CW 86 007.0160.XX 007.0162.XX CW 86-EF 007.0160.XX 007.0162.XX		



068.6422.00

HOEKVERBINDING MET NAGEL
17.3x56.95

EQUERRE AVEC CHEVILLE
17.3x56.95

CORNER CLEAT WITH DRIVE PIN
17.3x56.95

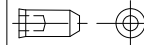
ECKVERBINDER MIT STIFT
17.3x56.95

CW 86-EF
007.0102.XX

CW 86

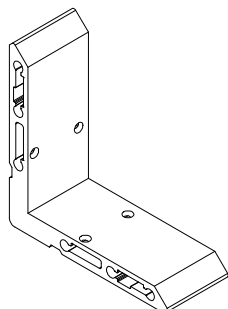


4 st./pc
068.5933.--



Ø7 x 16

H=148
B=148
D=56.95



068.6423.00

HOEKVERBINDING MET NAGEL
17.3x73.6

EQUERRE AVEC CHEVILLE
17.3x73.6

CORNER CLEAT WITH DRIVE PIN
17.3x73.6

ECKVERBINDER MIT STIFT
17.3x73.6

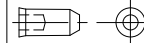
CW 86-EF
007.0100.XX
007.0101.XX
007.0102.XX
00S.4873.XX

CW 86-EF/HI

CW 86

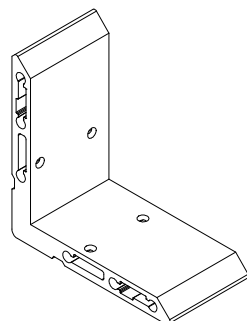


4 st./pc
068.5933.--



Ø7 x 16

H=148
B=148
D=73.6



068.6503.00

HOEKVERBINDER
30x15.5x2

EQUERRE
30x15.5x2

CORNER CLEAT
30x15.5x2

ECKVERBINDER
30x15.5x2

CW 86

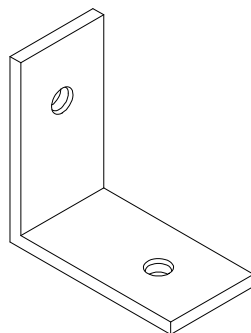


2 st./pc
055.5630.--



Ø4 x 7

H=30
B=30
D=15.5



068.6504.00

HOEKVERBINDER
30x36x3

EQUERRE
30x36x3

CORNER CLEAT
30x36x3

ECKVERBINDER
30x36x3

CW 86-EF
007.0100.XX

CW 86-EF/HI

CW 86

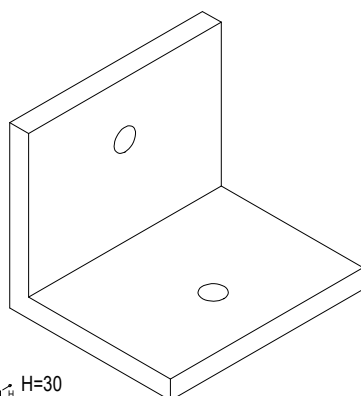


2 st./pc
050.5002.--



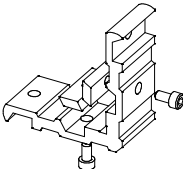
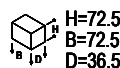
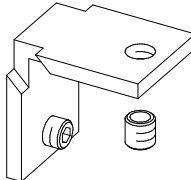
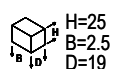
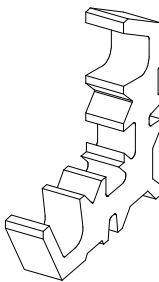
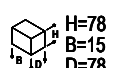
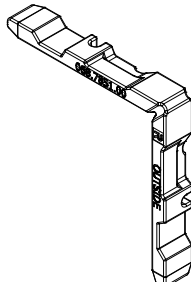
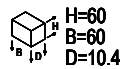
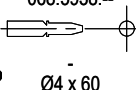
DIN 965
M4 x 8

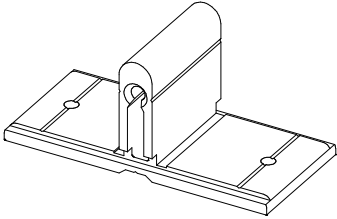
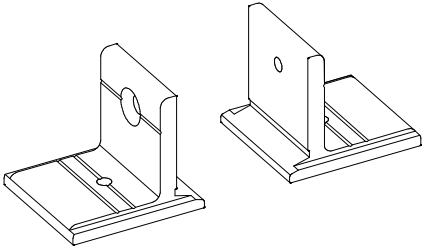
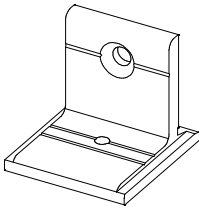
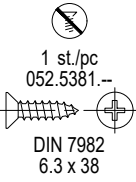
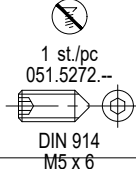
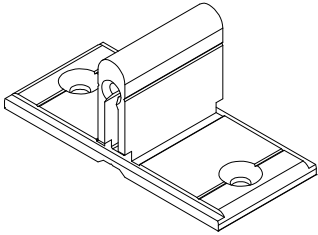
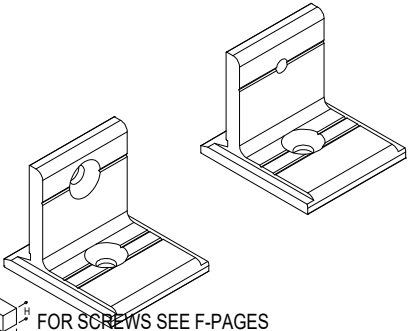
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B=30
D=36



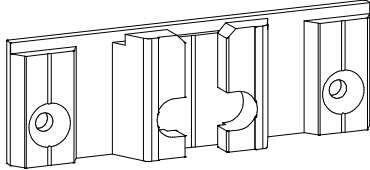
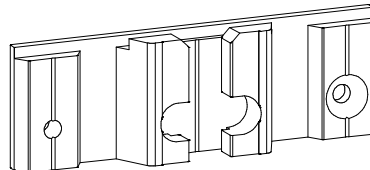
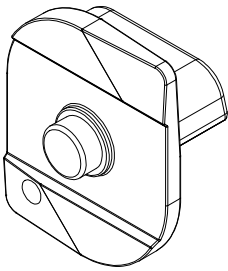
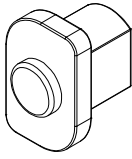
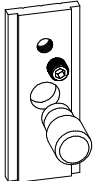
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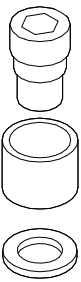
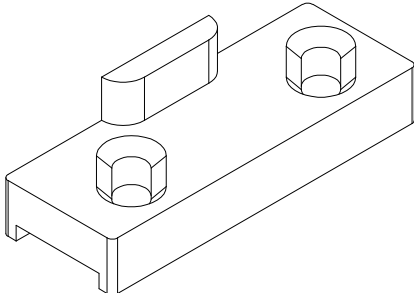
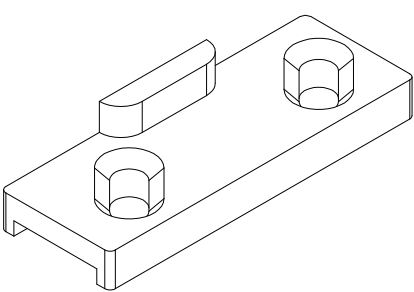
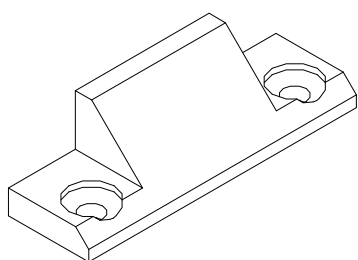


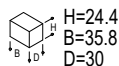
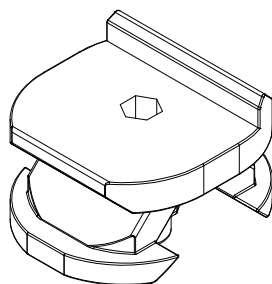
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 	021.0049.00 HOEK EQUERRE CORNER ECKE	CW 86 012.5352.XX CW 86-EF 012.5352.XX		
 	021.0218.00 PERSHOEK 25x15 EQUERRE A SERTIR 25x15 CRIMP CORNER CLEAT 25x15 PRESSECKWINKEL 25x15	CW 86 012.5352.XX CW 86-EF 012.5352.XX		
 	068.7851.00 HOEKVERBINDER 5.05x10.45 EQUERRE 5.05x10.45 CORNER CLEAT 5.05x10.45 ECKVERBINDER 5.05x10.45	CS 59 CS 59-HV CS 68 CS 68-HV TP 110 CP 130 CP 130-LS CP 155 CP 155-LS CW 50 CW 50-HI CW 50-HL CW 60 CS 68-FP CS 77 CS 77-HV	CW 50-SC CW 60-DRL Eco system CS 86-HI Eco system-AP CW 60-SC CW 86 CW 65-EF	2 st./pc 068.5938.-- 

 H=80 B=66.6 FOR SCREWS SEE F-PAGES	068.6548.17 T-VERBINDER JUNCTION-T T-BRACKET T-VERBINDER	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX		
 H=80 B=66.6 FOR SCREWS SEE F-PAGES	068.6551.17 L-VERBINDER JUNCTION- L L- BRACKET L-VERBINDER	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX		
	068.6552.17 L-VERBINDER JUNCTION- L L- BRACKET L-VERBINDER	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX		
 H=80 B=36.6 FOR SCREWS SEE F-PAGES	068.6553.17 T-VERBINDER JUNCTION-T T-BRACKET T-VERBINDER	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX		
 H=80 B=36.6 FOR SCREWS SEE F-PAGES	068.6554.17 L-VERBINDER JUNCTION- L L- BRACKET L-VERBINDER	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX		



  FOR SCREWS SEE F-PAGES	073.6310.00 HAAK CROCHET HOOK HAKEN	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX CW 86-EF 007.0100.XX		
  FOR SCREWS SEE F-PAGES	073.6311.00 HAAK CROCHET HOOK HAKEN	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX		
  H=17.9 B=36.6 D=30	073.6350.00 KLEMSTUK KADER CLIP DORMANT CLIP OUTER FRAME BEFESTIGUNGSKLOTZ BLENDRAHMEN	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX CW 86-EF 007.0100		
  H=14.9 B=20 D=13.2	073.6351.00 KLEMSTUK VLEUGEL CLIP OUVRANT CLIP VENT BEFESTIGUNGSKLOTZ FLUEGEL	CW 86 007.0160.XX 007.0164.XX CW 86-EF 007.0160.XX 007.0164.XX		
  H=50 B=4 D=20	021.2181.00 HAAK CROCHET HOOK HAKEN	CW 86 007.0120.XX 007.0121.XX 012.5350.XX 012.5352.XX 028.2051.XX 028.2052.XX 028.2053.XX CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX	CW 86-EF 007.0120.XX 007.0121.XX 012.5350.XX 012.5352.XX 028.2051.XX 028.2052.XX 028.2053.XX	

 H=7 Ø10	060.7065.-- SLUITROL PEN ROULEAU DE FERMETURE CHEVILLE LOCK ROLL PIN SCHLISSROLLE STIFT	CS 59Pa CS 59 CS 59-HV CS 59-Re CS 59-So CS 68 CS 68-HV CS 68-Re CS 68-So CW 50 CW 60 CS 77 CW 86 CS 77-HV CS 77-BP CW 50-SC	CW 50-SG CW 86-EF Eco system	
 H=16 B=20.5 D=57	060.6702.-- SLUITSTUK GACHE LOCK PLATE SCHLISSSTUECK	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX CW 86-EF 007.0100.XX Eco system		2 st./pc 052.5324.-- DIN 7982 4.8 x 19
 H=12.5 B=20.5 D=57	060.7072.-- SLUITSTUK REGELBAAR GACHE REGLABLE LOCK PLATE ADJUSTABLE SCHLISSSTUECK VERSTELLBAR	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX CW 50 CW 50-HL CW 60 CW 50-SC CW 50-SG	CW 60-SC CW 86-EF 007.0100.XX 007.0110.XX 007.0113.XX 007.0114.XX	2 st./pc 052.5332.-- DIN 7982 4.8 x 13
 H=14 B=15 D=50	069.7073.01 SLUITSTUK GACHE LOCK PLATE SCHLISSSTUECK	CW 86 007.0120.XX 012.5350.XX 028.2051.XX 028.2052.XX 028.2053.XX CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86-EF 007.0120.XX 012.5350.XX 028.2051.XX	028.2052.XX 028.2053.XX CW 50 CW 50-HL CW 60 CW 50-SC CW 60-SC	2 st./pc 052.5312.-- DIN 7982 4.2 x 13



073.6352.00

STEUNBLOK

SUPPORT

SUPPORT PIECE

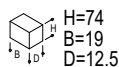
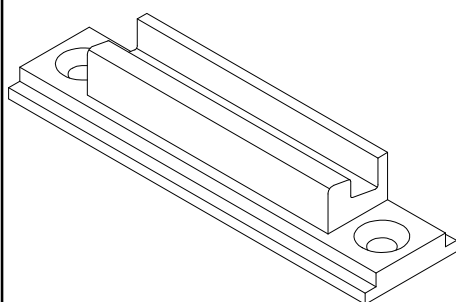
STUETZKLOTZ

CW 86

012.5356.XX
012.5357.XX
012.5358.XX
012.5359.XX
012.5360.XX
012.5361.XX
012.5362.XX
012.5366.XX
012.5375.XX

CW 86-EF

007.0100.XX
007.0110.XX
007.0113.XX
007.0114.XX



073.7312.04

STEUNSTUK KUNSTSTOF

PIECE DE SUPPORT MATIERE SYNTHETIQUE

SYNTHETIC SUPPORTING PIECE

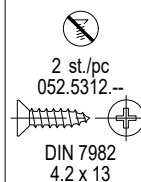
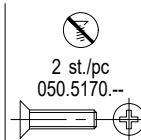
STUETZKLOTZ KUNSTSTOFF

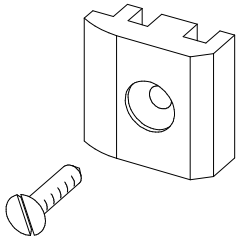
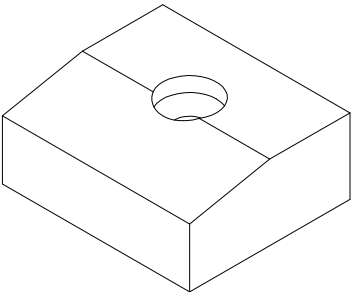
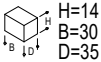
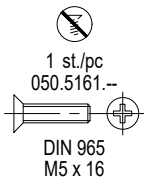
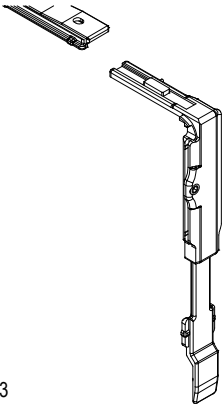
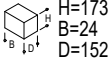
CW 86

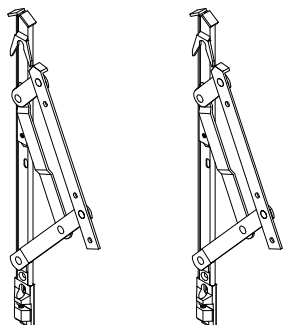
012.5356.XX
012.5357.XX
012.5358.XX
012.5359.XX
012.5360.XX
012.5361.XX
012.5362.XX
012.5366.XX
012.5375.XX

CW 86-EF

007.0100.XX
007.0110.XX
007.0113.XX
007.0114.XX



 	025.1007.07 --- PATIN --- ---	CW 86 CW 86-EF		
 	069.6822.07 OPLOOPBLOK KUNSTSTOF PATIN MATIERE SYNTHETIQUE SLOPED BLOCK SYNTHETIC AUFLAUFSTUECK KUNSTSTOFF	CW 86 CW 86-EF		
 	060.7871.-- HOEKOVERBRENGING TRANSMISSION ANGULAIRE CORNER REVERSING PART ECKUMLENKUNG	CW 86 007.0120.XX 007.0160.XX 028.2051.XX CW 86-SG 028.2051.XX CW 86-EF 007.0120.XX 007.0160.XX 028.2051.XX CW 50 CW 50-HL CW 60	CW 50-SC CW 50-SG CW 60-SC CW 65-EF	



021.5640.--

SCHAREN UITZETZAKRAAM
404MM 80KG

COMPAS OUVRANT CHASSIS A L'ITALIENNE
404MM 80KG

FRICTION STAYS FOR TOP-HUNG WINDOW
404MM 80KG

AUSSTELLSCHEREN SENK-KLAPPFENSTER
404MM 80KG

CW 50
CW 50-HL
CW 60
CW 50-SC
CW 50-SG
CW 60-SC

CW 86
012.5356.XX
012.5357.XX
012.5358.XX
012.5359.XX
012.5360.XX
012.5361.XX
012.5362.XX
012.5366.XX
012.5375.XX
007.0120.XX
028.2051.XX
007.0160.XX

CW 86-EF
007.0100.XX
007.0120.XX
028.2051.XX
007.0160.XX

HIFI
CW 50-FV



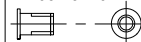
6 st./pc
050.5119.--



DIN 7985
M5 x 12



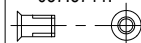
6 st./pc
057.5710.--



M5



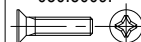
4 st./pc
057.5711.--



M5



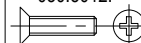
6 st./pc
050.5009.--



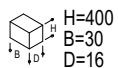
DIN 7985
M5 x 16



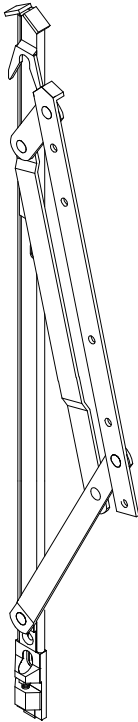
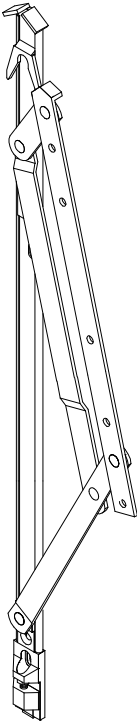
2 st./pc
050.5012.--



DIN 965
M5 x 12



H=400
B=30
D=16



021.5650.--

SCHAREN UITZETZAKRAAM
535MM 105KG

COMPAS OUVRANT CHASSIS A L'ITALIENNE
535MM 105KG

FRICTION STAYS FOR TOP-HUNG WINDOW
535MM 105KG

AUSSTELLSCHEREN SENK-KLAPPFENSTER
535MM 105KG

CW 50
CW 50-HL
CW 60
CW 50-SC
CW 50-SG
CW 60-SC

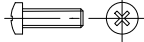
CW 86
012.5356.XX
012.5357.XX
012.5358.XX
012.5359.XX
012.5360.XX
012.5361.XX
012.5362.XX
012.5366.XX
012.5375.XX
007.0120.XX
028.2051.XX
007.0160.XX

CW 86-EF
007.0100.XX
007.0120.XX
028.2051.XX
007.0160.XX

HIFI
CW 50-FV



6 st./pc
050.5119.--



DIN 7985
M5 x 12



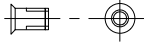
6 st./pc
057.5710.--



M5



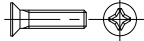
4 st./pc
057.5711.--



M5



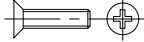
8 st./pc
050.5009.--



DIN 7985
M5 x 16



2 st./pc
050.5012.--

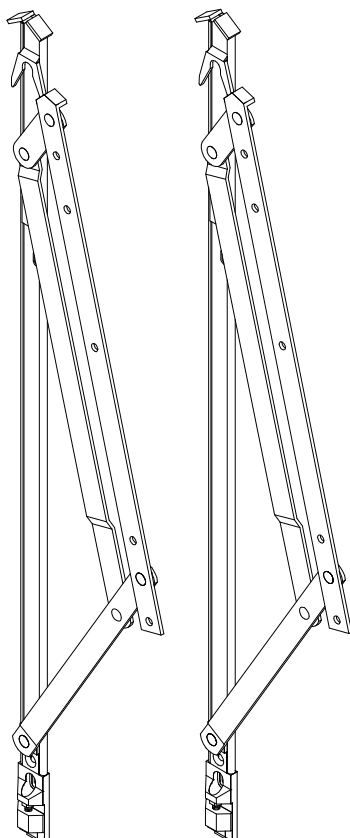


DIN 965
M5 x 12

H=535
B=30
D=16

D0048753

?



021.5660.--

SCHAREN 665MM 130KG
COMPAS 665MM 130KG
FRICTION STAYS 665MM 130KG
SCHERE 665MM 130KG

CW 50
CW 50-HL
CW 60
CW 50-SC
CW 50-SG
CW 60-SC
CW 60-HL
CW 65-EF

CW 86
012.5356.XX
012.5357.XX
012.5358.XX
012.5359.XX
012.5360.XX
012.5361.XX
012.5362.XX
012.5366.XX
012.5375.XX
007.0120.XX
028.2051.XX
007.0160.XX

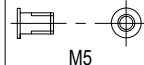
CW 86-EF
007.0100.XX
007.0120.XX
028.2051.XX
007.0160.XX

CS 45Pa
CW 50-FV

HIFI



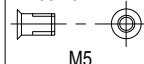
6 st./pc
057.5710.--



M5



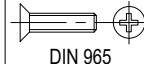
4 st./pc
057.5711.--



M5



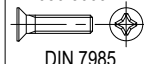
2 st./pc
050.5012.--



DIN 965
M5 x 12



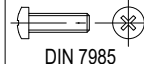
8 st./pc
050.5009.--



DIN 7985
M5 x 16



6 st./pc
050.5119.--

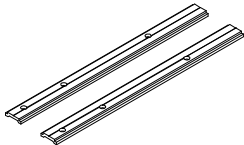


DIN 7985
M5 x 12

H=665
B=30
D=16

D0048733

G



060.8315.00

ONDERVULLING
233MM

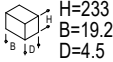
SUPPORT
233MM

SUPPORT
233MM

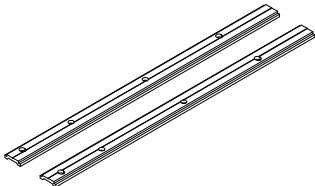
FUELLSTUECK
233MM

CW 86
021.5640.--

CW 86-EF
021.5640.--



H=233
B=19.2
D=4.5



060.8316.00

ONDERVULLING
323MM

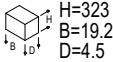
SUPPORT
323MM

SUPPORT
323MM

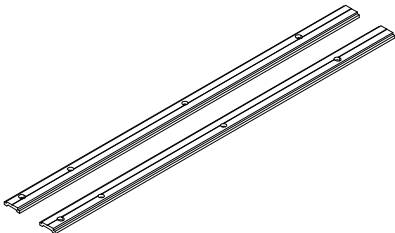
FUELLSTUECK
323MM

CW 86
021.5660.--

CW 86-EF
021.5660.--



H=323
B=19.2
D=4.5



060.8317.00

ONDERVULLING
423MM

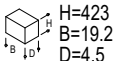
SUPPORT
423MM

SUPPORT
423MM

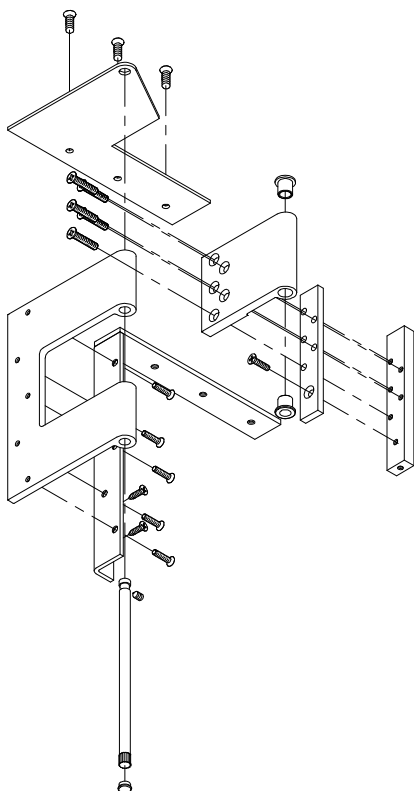
FUELLSTUECK
423MM

CW 86
021.5650.--

CW 86-EF
021.5650.--



H=423
B=19.2
D=4.5



065.7701.XX

SCHARNIER

CHARNIERE

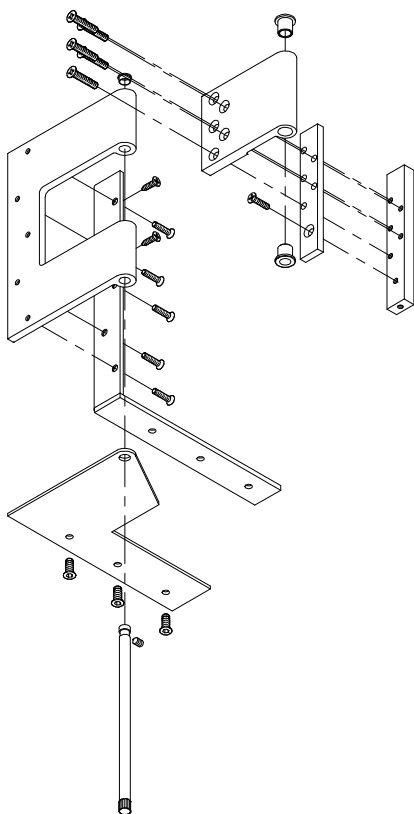
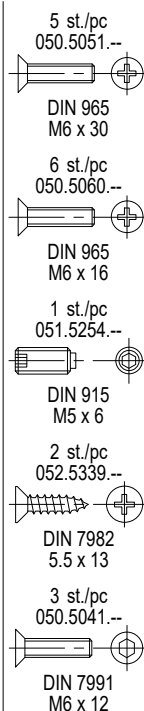
HINGE

BAND

CW 86	007.0162.XX				
007.0120.XX	007.0164.XX				
007.0121.XX	012.5350.XX				
007.0160.XX	012.5352.XX				
007.0162.XX	028.2051.XX				
007.0164.XX	028.2052.XX				
012.5350.XX					
012.5352.XX	CW 86-EF/Hi				
028.2051.XX					
028.2052.XX					

CW 86-SG
028.2051.XX
028.2052.XX

CW 86-EF
007.0100.XX
007.0120.XX
007.0121.XX
007.0160.XX



065.7702.XX

SCHARNIER

CHARNIERE

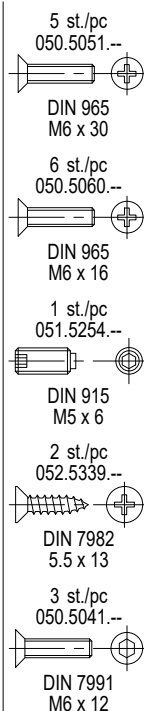
HINGE

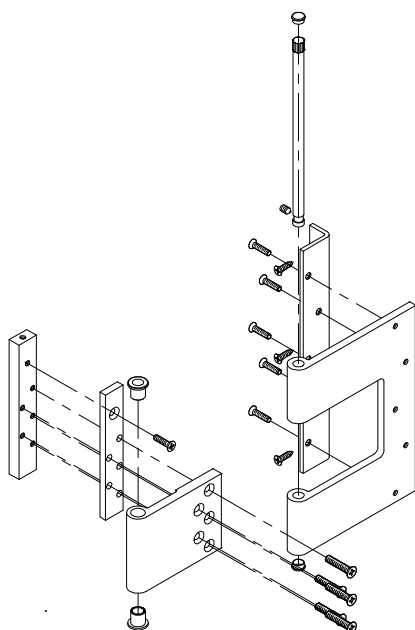
BAND

CW 86	007.0162.XX				
007.0120.XX	007.0164.XX				
007.0121.XX	012.5350.XX				
007.0160.XX	012.5352.XX				
007.0162.XX	028.2051.XX				
007.0164.XX	028.2052.XX				
012.5350.XX					
012.5352.XX	CW 86-EF/Hi				
028.2051.XX					
028.2052.XX					

CW 86-SG
028.2051.XX
028.2052.XX

CW 86-EF
007.0100.XX
007.0120.XX
007.0121.XX
007.0160.XX





065.7703.XX

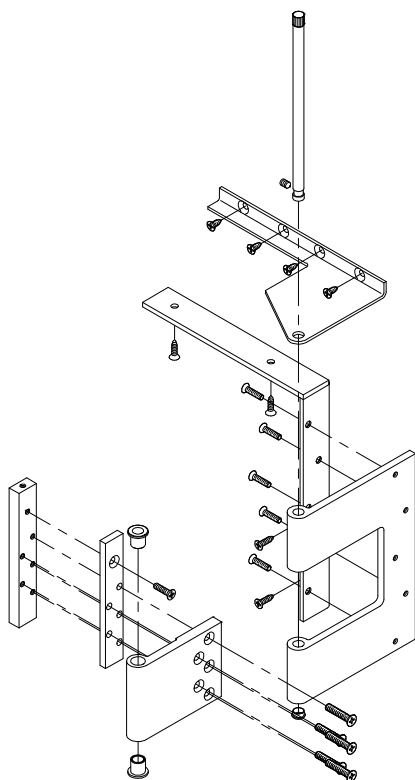
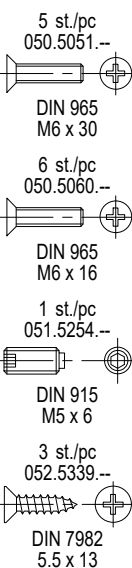
SCHARNIER

CHARNIERE

HINGE

BAND

CW 86	CW 86-SG					
007.0120.XX	028.2051.XX					
007.0121.XX	028.2052.XX					
007.0160.XX						
007.0162.XX	CW 86-EF					
007.0164.XX	007.0100.XX					
012.5350.XX	007.0120.XX					
012.5352.XX	007.0121.XX					
012.5356.XX	007.0160.XX					
012.5357.XX	007.0162.XX					
012.5358.XX	007.0164.XX					
012.5359.XX	012.5350.XX					
012.5360.XX	012.5352.XX					
012.5361.XX	028.2051.XX					
012.5362.XX	028.2052.XX					
012.5366.XX						
012.5375.XX	CW 86-EF/HI					
028.2051.XX						
028.2052.XX						



065.7704.XX

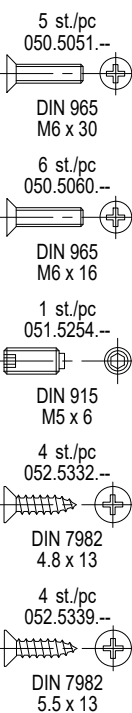
SCHARNIER

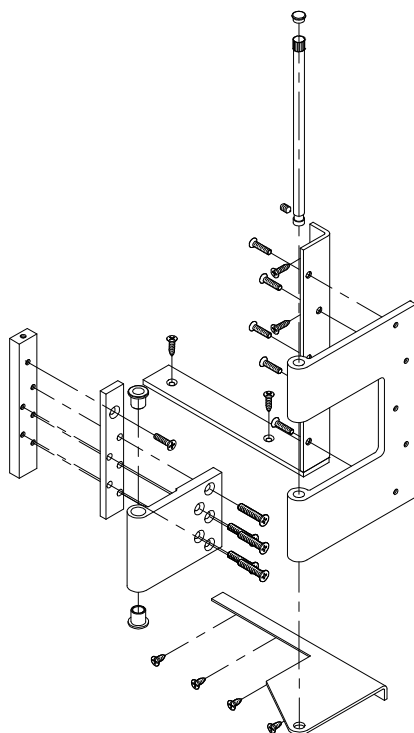
CHARNIERE

HINGE

BAND

CW 86	CW 86-SG					
007.0120.XX	028.2051.XX					
007.0121.XX	028.2052.XX					
007.0160.XX						
007.0162.XX	CW 86-EF					
007.0164.XX	007.0110.XX					
012.5350.XX	007.0113.XX					
012.5352.XX	007.0114.XX					
012.5356.XX	007.0120.XX					
012.5357.XX	007.0121.XX					
012.5358.XX	007.0160.XX					
012.5359.XX	007.0162.XX					
012.5360.XX	007.0164.XX					
012.5361.XX	012.5350.XX					
012.5362.XX	012.5352.XX					
012.5366.XX	028.2051.XX					
012.5375.XX	028.2052.XX					
028.2051.XX						
028.2052.XX						





065.7705.XX

SCHARNIER

CHARNIERE

HINGE

BAND

CW 86

007.0120.XX
007.0121.XX
007.0160.XX
007.0162.XX
007.0164.XX
012.5350.XX
012.5352.XX
012.5356.XX
012.5357.XX
012.5358.XX
012.5359.XX
012.5360.XX
012.5361.XX
012.5362.XX
012.5366.XX
012.5375.XX
028.2051.XX
028.2052.XX

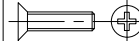
CW 86-SG

028.2051.XX
028.2052.XX

CW 86-EF

007.0110.XX
007.0113.XX
007.0114.XX
007.0120.XX
007.0121.XX
007.0160.XX
007.0162.XX
007.0164.XX
012.5350.XX
012.5352.XX
028.2051.XX
028.2052.XX

5 st./pc
050.5051.--



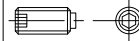
DIN 965
M6 x 30

6 st./pc
050.5060.--



DIN 965
M6 x 16

1 st./pc
051.5254.--



DIN 915
M5 x 6

4 st./pc
052.5332.--

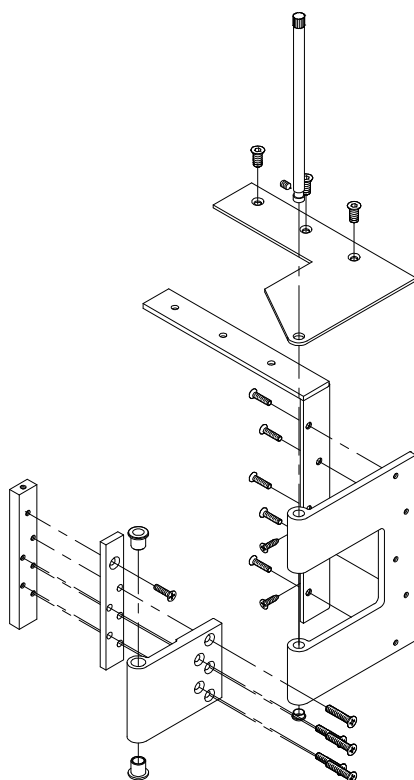


DIN 7982
4.8 x 13

4 st./pc
052.5339.--



DIN 7982
5.5 x 13



065.7706.XX

SCHARNIER

CHARNIERE

HINGE

BAND

CW 86

007.0120.XX
007.0121.XX
007.0160.XX
007.0162.XX
007.0164.XX
012.5350.XX
012.5352.XX
028.2051.XX
028.2052.XX

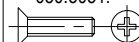
CW 86-SG

007.0162.XX
007.0164.XX
012.5350.XX
012.5352.XX
028.2051.XX
028.2052.XX

CW 86-EF/Hi

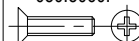
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007.0120.XX
007.0121.XX
007.0160.XX

5 st./pc
050.5051.--



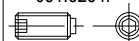
DIN 965
M6 x 30

6 st./pc
050.5060.--



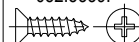
DIN 965
M6 x 16

1 st./pc
051.5254.--



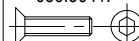
DIN 915
M5 x 6

2 st./pc
052.5339.--

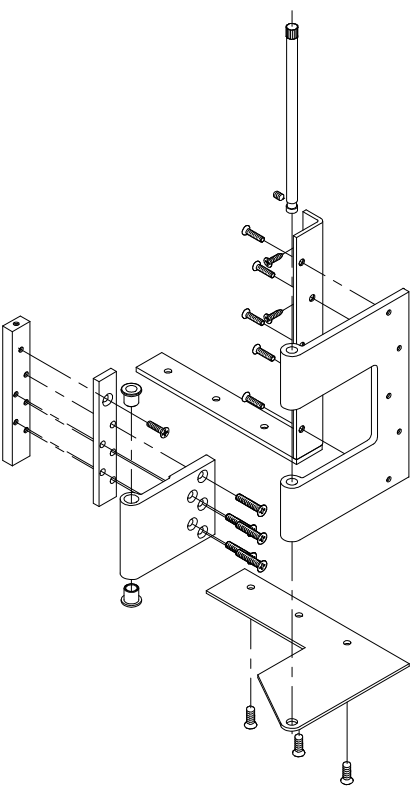
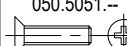
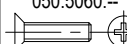
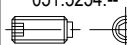
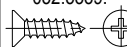
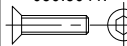
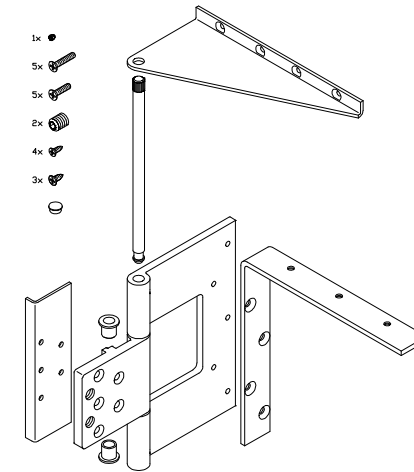
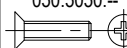
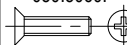
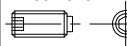
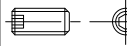
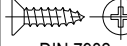


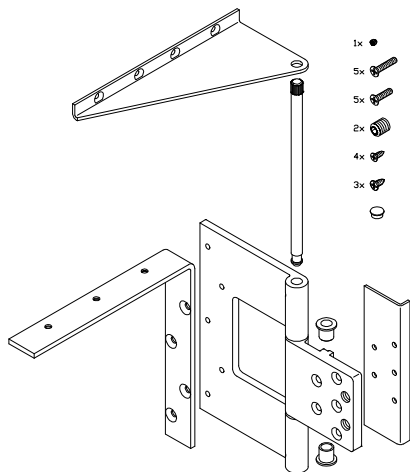
DIN 7982
5.5 x 13

3 st./pc
050.5041.--



DIN 7991
M6 x 12

	065.7707.XX SCHARNIER CHARNIERE HINGE BAND <table><tr><td>CW 86</td><td>007.0162.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0120.XX</td><td>007.0164.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0121.XX</td><td>012.5350.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0160.XX</td><td>012.5352.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0162.XX</td><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0164.XX</td><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5350.XX</td><td>CW 86-EF/HI</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5352.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CW 86-SG</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CW 86-EF</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0100.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0120.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0121.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0160.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	CW 86	007.0162.XX						007.0120.XX	007.0164.XX						007.0121.XX	012.5350.XX						007.0160.XX	012.5352.XX						007.0162.XX	028.2051.XX						007.0164.XX	028.2052.XX						012.5350.XX	CW 86-EF/HI						012.5352.XX							028.2051.XX							028.2052.XX							CW 86-SG							028.2051.XX							028.2052.XX							CW 86-EF							007.0100.XX							007.0120.XX							007.0121.XX							007.0160.XX							5 st./pc 050.5051.--  DIN 965 M6 x 30 6 st./pc 050.5060.--  DIN 965 M6 x 16 1 st./pc 051.5254.--  DIN 915 M5 x 6 2 st./pc 052.5339.--  DIN 7982 5.5 x 13 3 st./pc 050.5041.--  DIN 7991 M6 x 12							
CW 86	007.0162.XX																																																																																																																																						
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	065.7750.XX SCHARNIER CHARNIERE HINGE BAND <table><tr><td>CW 86</td><td>CW 86-SG</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0120.XX</td><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0121.XX</td><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0160.XX</td><td>CW 86-EF</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0162.XX</td><td>007.0110.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0164.XX</td><td>007.0113.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5350.XX</td><td>007.0114.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5352.XX</td><td>007.0120.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5356.XX</td><td>007.0121.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5357.XX</td><td>007.0160.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5358.XX</td><td>007.0162.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5359.XX</td><td>007.0164.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5360.XX</td><td>012.5350.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5361.XX</td><td>012.5352.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5362.XX</td><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5366.XX</td><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5375.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	CW 86	CW 86-SG						007.0120.XX	028.2051.XX						007.0121.XX	028.2052.XX						007.0160.XX	CW 86-EF						007.0162.XX	007.0110.XX						007.0164.XX	007.0113.XX						012.5350.XX	007.0114.XX						012.5352.XX	007.0120.XX						012.5356.XX	007.0121.XX						012.5357.XX	007.0160.XX						012.5358.XX	007.0162.XX						012.5359.XX	007.0164.XX						012.5360.XX	012.5350.XX						012.5361.XX	012.5352.XX						012.5362.XX	028.2051.XX						012.5366.XX	028.2052.XX						012.5375.XX							028.2051.XX							028.2052.XX							5 st./pc 050.5050.--  DIN 965 M6 x 25 5 st./pc 050.5060.--  DIN 965 M6 x 16 1 st./pc 051.5254.--  DIN 915 M5 x 6 2 st./pc 051.5299.--  DIN 913 M12 x 12 1 st./pc 052.5312.--  DIN 7982 4.2 x 13 7 st./pc 052.5332.--  DIN 7982 4.8 x 13
CW 86	CW 86-SG																																																																																																																																						
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007.0121.XX	028.2052.XX																																																																																																																																						
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012.5360.XX	012.5350.XX																																																																																																																																						
012.5361.XX	012.5352.XX																																																																																																																																						
012.5362.XX	028.2051.XX																																																																																																																																						
012.5366.XX	028.2052.XX																																																																																																																																						
012.5375.XX																																																																																																																																							
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065.7751.XX

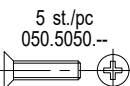
SCHARNIER

CHARNIERE

HINGE

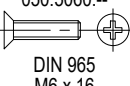
BAND

CW 86	CW 86-SG
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007.0121.XX	028.2052.XX
007.0160.XX	
007.0162.XX	CW 86-EF
007.0164.XX	007.0110.XX
012.5350.XX	007.0113.XX
012.5352.XX	007.0114.XX
012.5356.XX	007.0120.XX
012.5357.XX	007.0121.XX
012.5358.XX	007.0160.XX
012.5359.XX	007.0162.XX
012.5360.XX	007.0164.XX
012.5361.XX	012.5350.XX
012.5362.XX	012.5352.XX
012.5366.XX	028.2051.XX
012.5375.XX	028.2052.XX
028.2051.XX	
028.2052.XX	



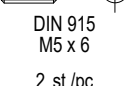
5 st./pc
050.5050.--

DIN 965
M6 x 25



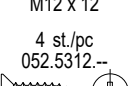
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DIN 965
M6 x 16



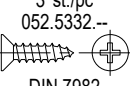
1 st./pc
051.5254.--

DIN 915
M5 x 6



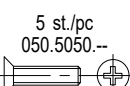
2 st./pc
051.5299.--

DIN 913
M12 x 12



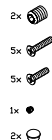
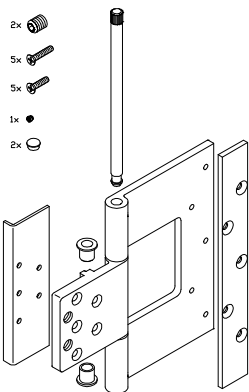
4 st./pc
052.5312.--

DIN 7982
4.2 x 13



3 st./pc
052.5332.--

DIN 7982
4.8 x 13



065.7752.XX

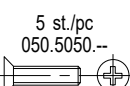
SCHARNIER

CHARNIERE

HINGE

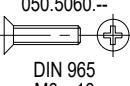
BAND

CW 86	CW 86-SG
007.0120.XX	028.2051.XX
007.0121.XX	028.2052.XX
007.0160.XX	
007.0162.XX	CW 86-EF
007.0164.XX	007.0100.XX
012.5350.XX	007.0120.XX
012.5352.XX	007.0121.XX
012.5356.XX	007.0160.XX
012.5357.XX	007.0162.XX
012.5358.XX	007.0164.XX
012.5359.XX	012.5350.XX
012.5360.XX	012.5352.XX
012.5361.XX	028.2051.XX
012.5362.XX	028.2052.XX
012.5366.XX	
012.5375.XX	CW 86-EF/HI
028.2051.XX	
028.2052.XX	



5 st./pc
050.5050.--

DIN 965
M6 x 25



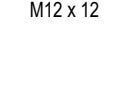
5 st./pc
050.5060.--

DIN 965
M6 x 16



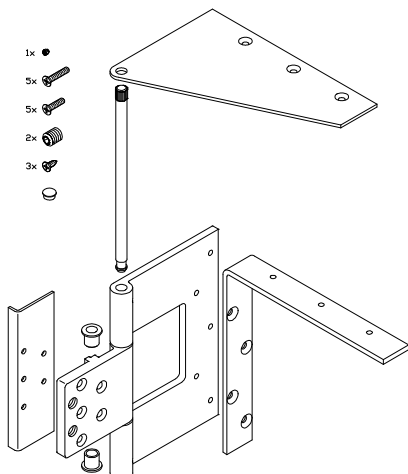
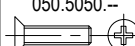
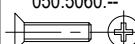
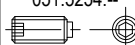
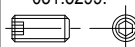
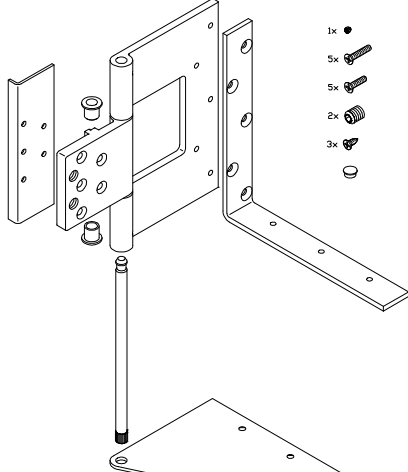
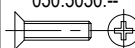
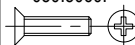
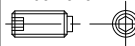
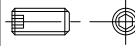
1 st./pc
051.5254.--

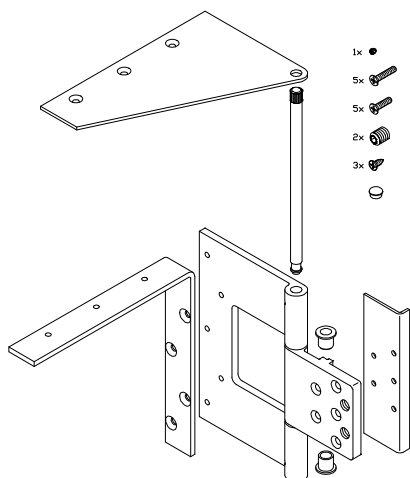
DIN 915
M5 x 6



2 st./pc
051.5299.--

DIN 913
M12 x 12

	065.7753.XX SCHARNIER CHARNIERE HINGE BAND <table><tr><td>CW 86</td><td>007.0162.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0120.XX</td><td>007.0164.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0121.XX</td><td>012.5350.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0160.XX</td><td>012.5352.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0162.XX</td><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0164.XX</td><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5350.XX</td><td>CW 86-EF/HI</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5352.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CW 86-SG</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CW 86-EF</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0100.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0120.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0121.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0160.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	CW 86	007.0162.XX						007.0120.XX	007.0164.XX						007.0121.XX	012.5350.XX						007.0160.XX	012.5352.XX						007.0162.XX	028.2051.XX						007.0164.XX	028.2052.XX						012.5350.XX	CW 86-EF/HI						012.5352.XX							028.2051.XX							028.2052.XX							CW 86-SG							028.2051.XX							028.2052.XX							CW 86-EF							007.0100.XX							007.0120.XX							007.0121.XX							007.0160.XX							5 st./pc 050.5050.--  DIN 965 M6 x 25 5 st./pc 050.5060.--  DIN 965 M6 x 16 1 st./pc 051.5254.--  DIN 915 M5 x 6 2 st./pc 051.5299.--  DIN 913 M12 x 12 3 st./pc 050.5041.--  DIN 7991 M6 x 12
CW 86	007.0162.XX																																																																																																																															
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007.0121.XX	012.5350.XX																																																																																																																															
007.0160.XX	012.5352.XX																																																																																																																															
007.0162.XX	028.2051.XX																																																																																																																															
007.0164.XX	028.2052.XX																																																																																																																															
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	065.7754.XX SCHARNIER CHARNIERE HINGE BAND <table><tr><td>CW 86</td><td>007.0162.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0120.XX</td><td>007.0164.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0121.XX</td><td>012.5350.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0160.XX</td><td>012.5352.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0162.XX</td><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0164.XX</td><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5350.XX</td><td>CW 86-EF/HI</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>012.5352.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CW 86-SG</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2051.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>028.2052.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CW 86-EF</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0100.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0120.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0121.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>007.0160.XX</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	CW 86	007.0162.XX						007.0120.XX	007.0164.XX						007.0121.XX	012.5350.XX						007.0160.XX	012.5352.XX						007.0162.XX	028.2051.XX						007.0164.XX	028.2052.XX						012.5350.XX	CW 86-EF/HI						012.5352.XX							028.2051.XX							028.2052.XX							CW 86-SG							028.2051.XX							028.2052.XX							CW 86-EF							007.0100.XX							007.0120.XX							007.0121.XX							007.0160.XX							5 st./pc 050.5050.--  DIN 965 M6 x 25 5 st./pc 050.5060.--  DIN 965 M6 x 16 1 st./pc 051.5254.--  DIN 915 M5 x 6 2 st./pc 051.5299.--  DIN 913 M12 x 12 3 st./pc 050.5041.--  DIN 7991 M6 x 12
CW 86	007.0162.XX																																																																																																																															
007.0120.XX	007.0164.XX																																																																																																																															
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- 1x ●
- 5x ●
- 5x ●
- 2x ●
- 3x ●

065.7755.XX

SCHARNIER

CHARNIERE

HINGE

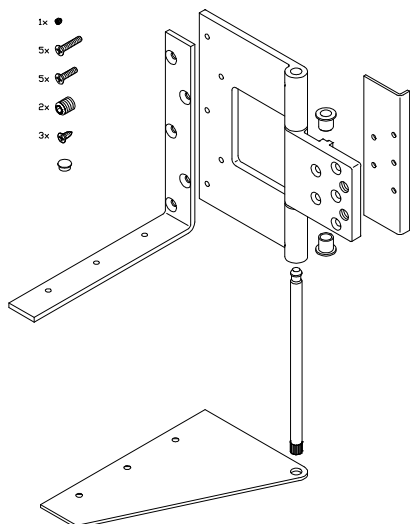
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CW 86	007.0162.XX				
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007.0162.XX	028.2051.XX				
007.0164.XX	028.2052.XX				
012.5350.XX	CW 86-EF/HI				
012.5352.XX					
028.2051.XX					
028.2052.XX					

CW 86-SG
028.2051.XX
028.2052.XX

CW 86-EF
007.0100.XX
007.0120.XX
007.0121.XX
007.0160.XX

- 5 st./pc
050.5050.--
- DIN 965
M6 x 25
- 5 st./pc
050.5060.--
- DIN 965
M6 x 16
- 1 st./pc
051.5254.--
- DIN 915
M5 x 6
- 2 st./pc
051.5299.--
- DIN 913
M12 x 12
- 3 st./pc
050.5041.--
- DIN 7991
M6 x 12



- 1x ●
- 5x ●
- 5x ●
- 2x ●
- 3x ●

065.7756.XX

SCHARNIER

CHARNIERE

HINGE

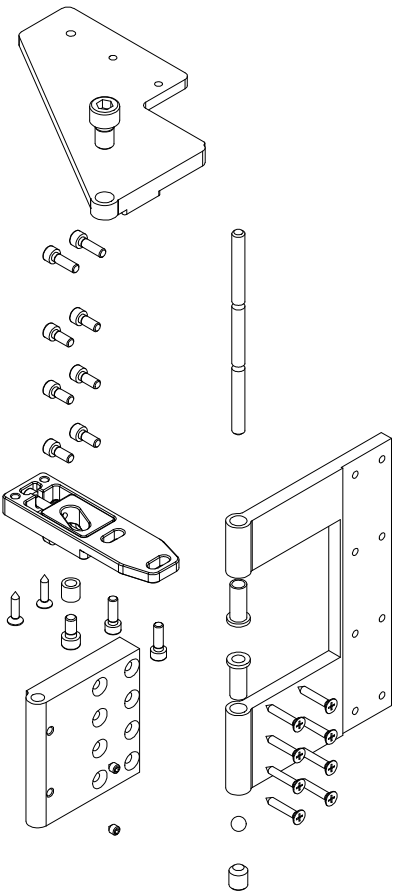
BAND

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007.0162.XX	028.2051.XX				
007.0164.XX	028.2052.XX				
012.5350.XX	CW 86-EF/HI				
012.5352.XX					
028.2051.XX					
028.2052.XX					

CW 86-SG
028.2051.XX
028.2052.XX

CW 86-EF
007.0100.XX
007.0120.XX
007.0121.XX
007.0160.XX

- 5 st./pc
050.5050.--
- DIN 965
M6 x 25
- 5 st./pc
050.5060.--
- DIN 965
M6 x 16
- 1 st./pc
051.5254.--
- DIN 915
M5 x 6
- 2 st./pc
051.5299.--
- DIN 913
M12 x 12
- 3 st./pc
050.5041.--
- DIN 7991
M6 x 12



065.7735.39

SCHARNIER

CHARNIERE

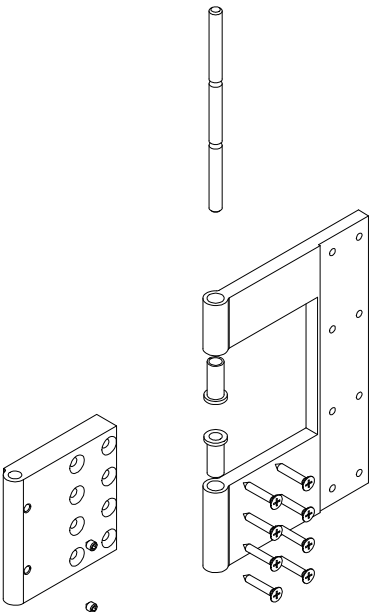
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BAEND

CW 86
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012.5358.XX
012.5359.XX
012.5360.XX
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012.5362.XX
012.5366.XX
012.5375.XX

CW 86-EF
007.0100.XX
007.0110.XX
007.0113.XX
007.0114.XX
007.0160.XX

CW 86-EF/HI



065.7736.39

SCHARNIER

CHARNIERE

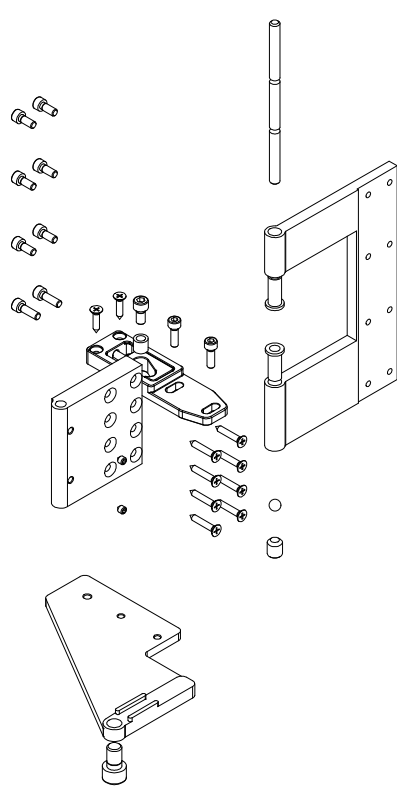
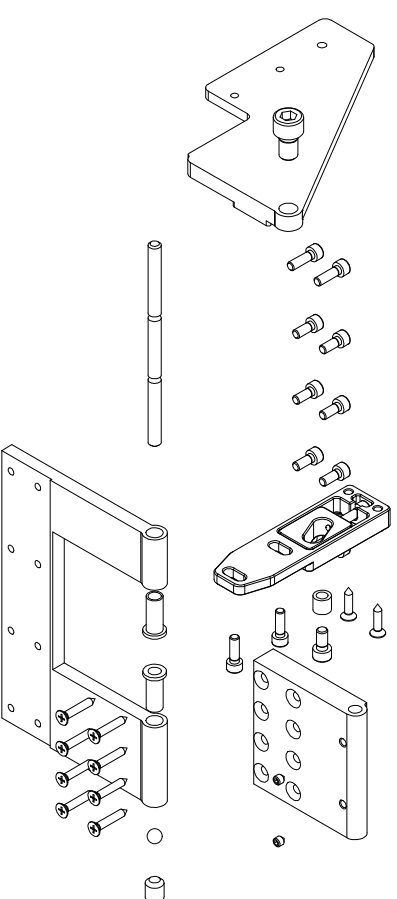
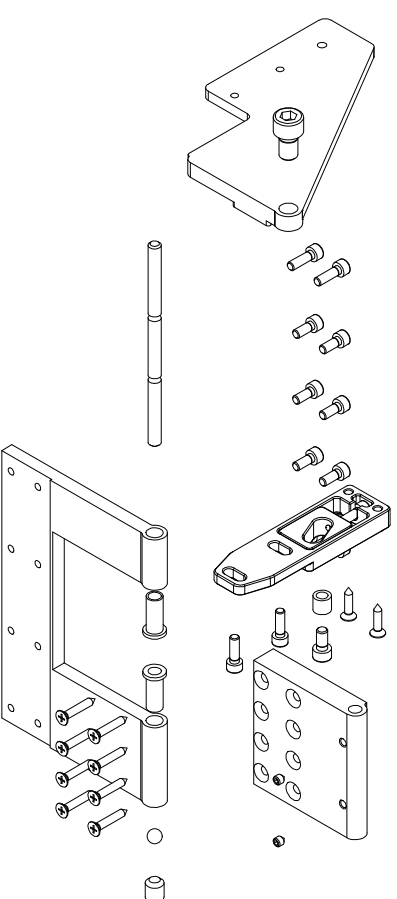
HINGE

BAEND

CW 86
007.0160.XX
012.5356.XX
012.5357.XX
012.5358.XX
012.5359.XX
012.5360.XX
012.5361.XX
012.5362.XX
012.5366.XX
012.5375.XX

CW 86-EF
007.0100.XX
007.0160.XX

CW 86-EF/HI

	
	065.7737.39 SCHARNIER CHARNIERE HINGE BAEND CW 86 007.0160.XX 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX CW 86-EF 007.0100.XX 007.0110.XX 007.0113.XX 007.0114.XX 007.0160.XX CW 86-EF/HI
	065.7738.39 SCHARNIER CHARNIERE HINGE BAEND CW 86 007.0160.XX 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX CW 86-EF 007.0100.XX 007.0110.XX 007.0113.XX 007.0114.XX 007.0160.XX CW 86-EF/HI



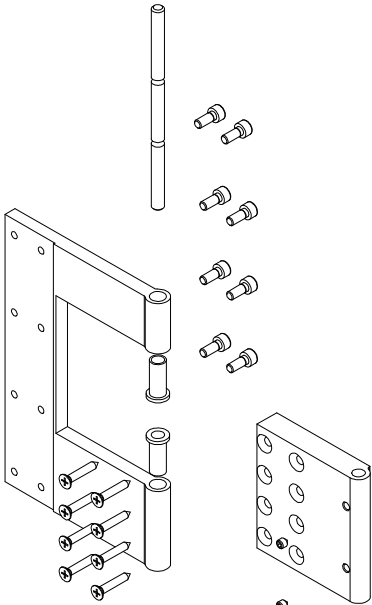
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SCHARNIER

CHARNIERE

HINGE

BAEND



CW 86
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012.5359.XX
012.5360.XX
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012.5366.XX
012.5375.XX

CW 86-EF
007.0100.XX
007.0160.XX

CW 86-EF/HI

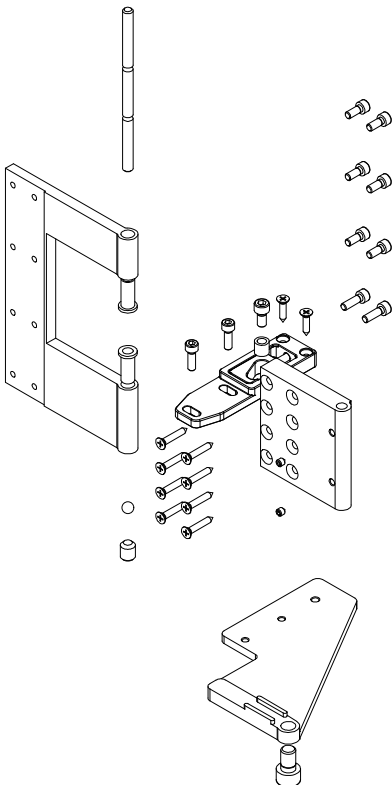
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SCHARNIER

CHARNIERE

HINGE

BAEND

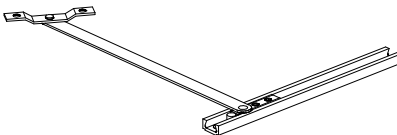
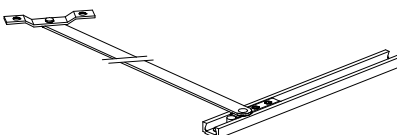
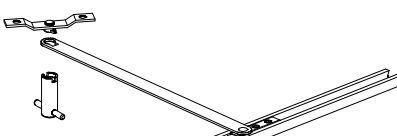
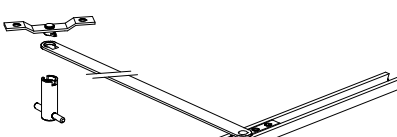


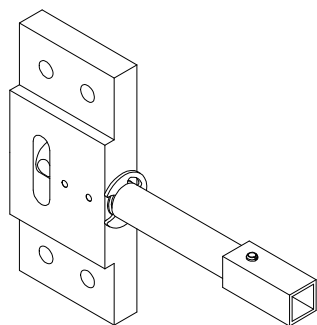
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012.5359.XX
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012.5362.XX
012.5366.XX
012.5375.XX

CW 86-EF
007.0100.XX
007.0110.XX
007.0113.XX
007.0114.XX
007.0160.XX

CW 86-EF/HI



	060.7165.-- RAAMBEGRENZER 250MM LIMITEUR D'OUVERTURE 250MM RESTRICTOR 250MM BEGRENZUNGSSCHERE 250MM	CW 86 CW 86-EF		
	060.7166.-- RAAMBEGRENZER 500MM LIMITEUR D'OUVERTURE 500MM RESTRICTOR 500MM BEGRENZUNGSSCHERE 500MM	CW 86 CW 86-EF		
	060.7167.-- RAAMBEGRENZER 250MM LIMITEUR D'OUVERTURE 250MM RESTRICTOR 250MM BEGRENZUNGSSCHERE 250MM	CW 86 CW 86-EF		
	060.7168.-- RAAMBEGRENZER 500MM LIMITEUR D'OUVERTURE 500MM RESTRICTOR 500MM BEGRENZUNGSSCHERE 500MM	CW 86 CW 86-EF		



073.6320.00

GRENDDEL BRANDWEER

VERROU POMPIER

BOLT FIREMAN

RIEGEL FEUERWEHR

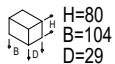
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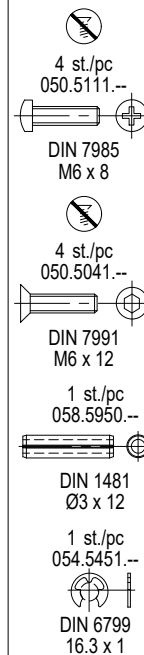
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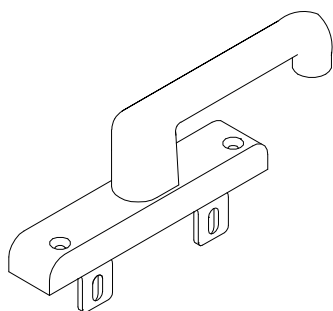
007.0100.XX
007.0101.XX
007.0102.XX

CW 86-EF/HL



H=80
B=104
D=29





060.7134.XX

RAAMPOMP LINKS

CREMONE GAUCHE

HANDLE LEFT

HANDHEBEL LINKS

H=65
B=27
D=193

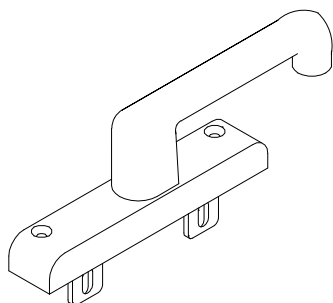
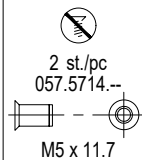
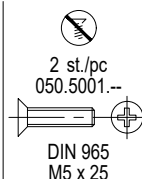
CW 86
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007.0160.XX
028.2051.XX
028.2052.XX
028.2053.XX

CW 86-SG
028.2051.XX
028.2052.XX
028.2053.XX

CW 86-EF
007.0120.XX
007.0160.XX
028.2051.XX
028.2052.XX
028.2053.XX

CW 50
CW 50-HL
CW 60

CW 50-SC
CW 50-SG
CW 60-SC
CW 65-EF



060.7139.XX

RAAMPOMP RECHTS

CREMONE DROITE

HANDLE RIGHT

HANDHEBEL RECHTS

H=65
B=27
D=193

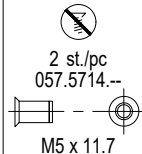
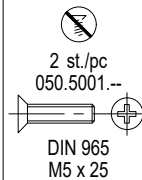
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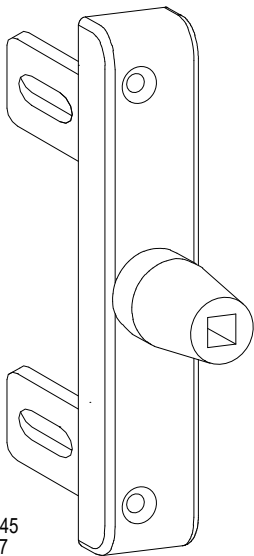
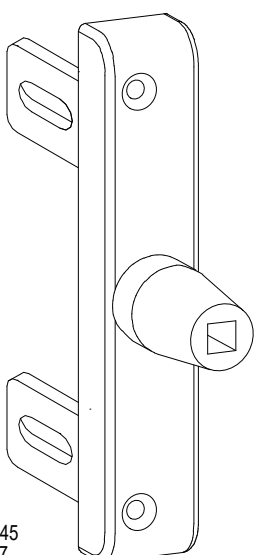
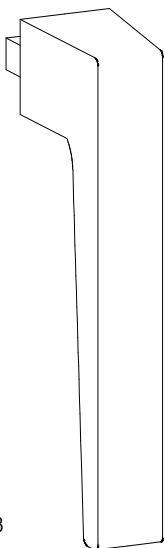
CW 86-SG
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028.2052.XX
028.2053.XX

CW 86-EF
007.0120.XX
007.0160.XX
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028.2052.XX
028.2053.XX

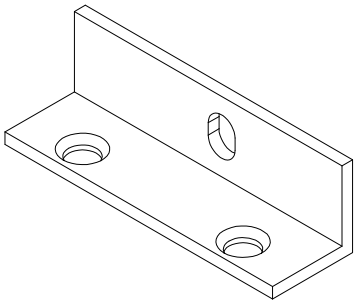
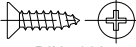
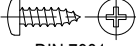
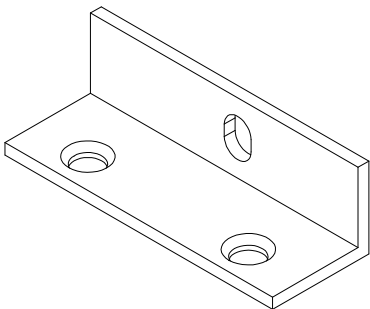
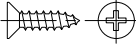
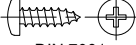
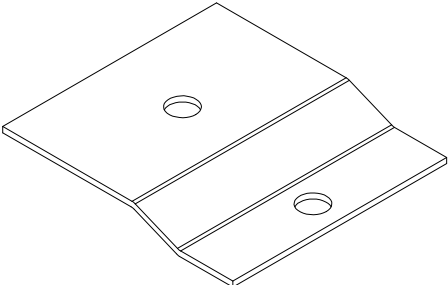
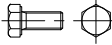
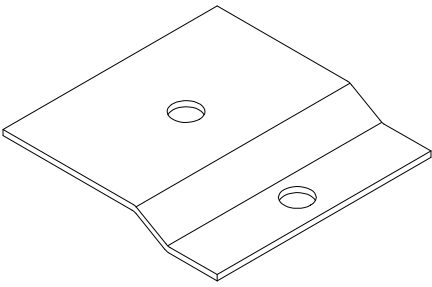
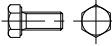
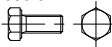
CW 50
CW 50-HL
CW 60

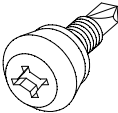
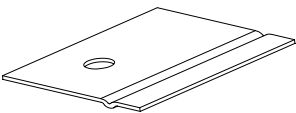
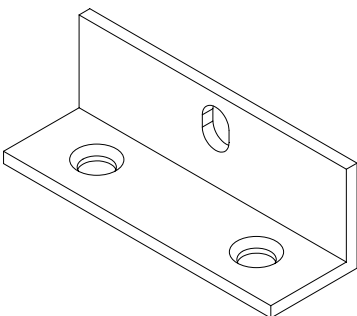
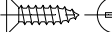
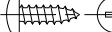
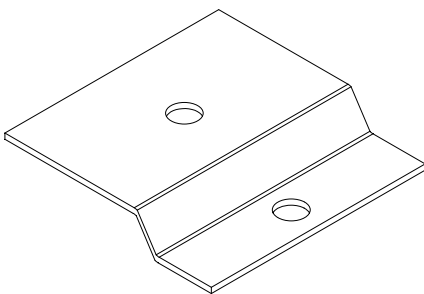
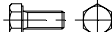
CW 50-SC
CW 60-SC
CW 65-EF



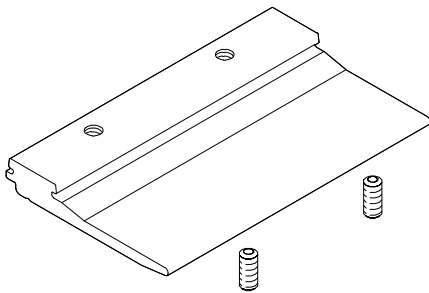
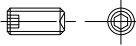
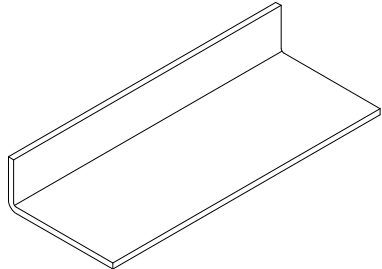
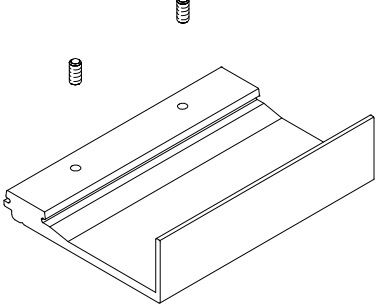
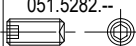
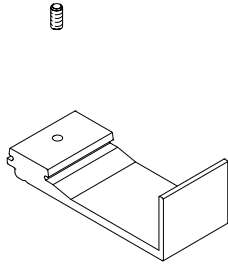
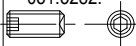
 H=145 B=27 D=61	060.7140.XX ROZET DIN L ROSACE DIN L ROSETTE DIN L STECKGETRIEBE DIN L	CW 86 007.0120.XX 007.0160.XX 028.2051.XX 028.2052.XX 028.2053.XX CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86-EF 007.0120.XX 007.0160.XX 028.2051.XX 028.2052.XX 028.2053.XX CW 86-CG		2 st./pc 050.5001.-- DIN 965 M5 x 25 2 st./pc 057.5714.-- M5 x 11.7
 H=145 B=27 D=53.5	060.7141.XX ROZET DIN R ROSACE DIN R ROSETTE DIN R STECKGETRIEBE DIN R	CW 86 007.0120.XX 007.0160.XX 028.2051.XX 028.2052.XX 028.2053.XX CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86-EF 007.0120.XX 007.0160.XX 028.2051.XX 028.2052.XX 028.2053.XX CW 86-CG		2 st./pc 050.5001.-- DIN 965 M5 x 25 2 st./pc 057.5714.-- M5 x 11.7
 H=133 H=53.5	060.7142.XX RAAMPOMP CREMONE HANDLE HANDHEBEL	CW 86 CW 86-CG CW 86-SG CW 86-EF		

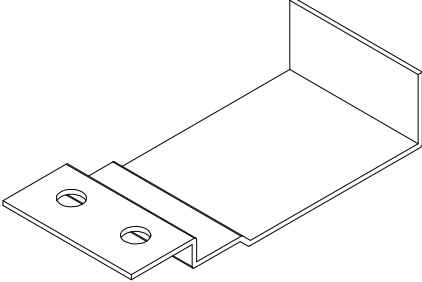
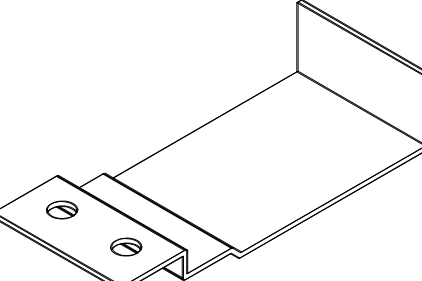
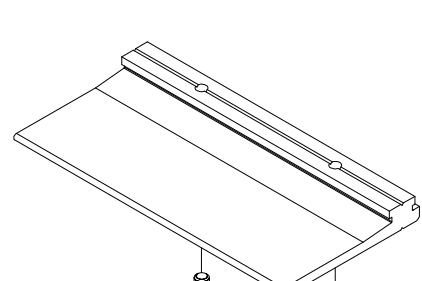
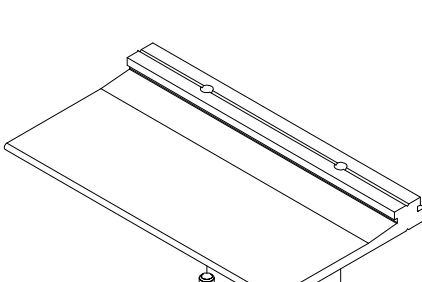
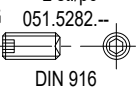


 H=15 B=50 D=15	073.6312.XX HORIZONTAAL SLUITPUNT POINT DE VERROUILLAGE HORIZONTAL HORIZONTAL LOCKING POINT HORIZONTALE SCHLIESSPUNKT	CW 86 CW 86-EF	 2 st./pc 052.5312.--  DIN 7982 4.2 x 13  1 st./pc 052.5360.--  DIN 7981 4.2 x 9.5
 H=15 B=50 D=18	073.6313.XX HORIZONTAAL SLUITPUNT POINT DE VERROUILLAGE HORIZONTAL HORIZONTAL LOCKING POINT HORIZONTALE SCHLIESSPUNKT	CW 86 CW 86-EF	 1 st./pc 052.5312.--  DIN 7982 4.2 x 13  1 st./pc 052.5360.--  DIN 7981 4.2 x 9.5
 H=4.5 B=43 D=40	073.6315.-- HORIZONTAAL SLUITPUNT POINT DE VERROUILLAGE HORIZONTAL HORIZONTAL LOCKING POINT HORIZONTALE SCHLIESSPUNKT	CW 86 CW 86-EF	 2 st./pc 050.5270.--  DIN 933 M4 x 6
 H=4.5 B=40 D=40	073.6316.-- HORIZONTAAL SLUITPUNT POINT DE VERROUILLAGE HORIZONTAL HORIZONTAL LOCKING POINT HORIZONTALE SCHLIESSPUNKT	CW 86 CW 86-EF	1 st./pc 050.5270.--  DIN 933 M4 x 6 1 st./pc 050.5271.--  DIN 933 M4 x 10

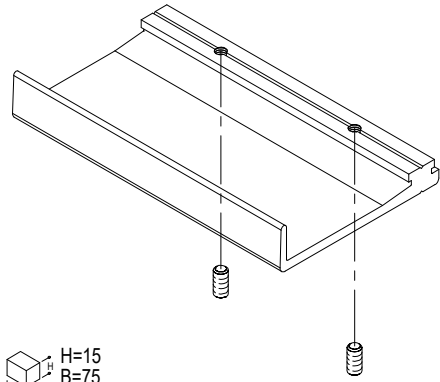
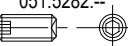
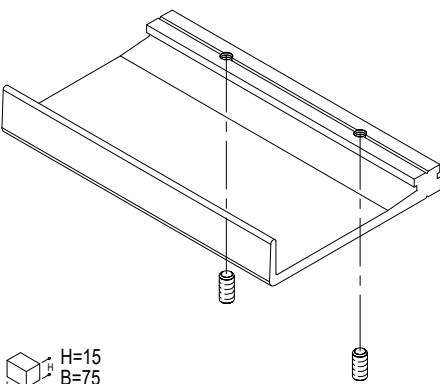
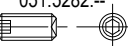
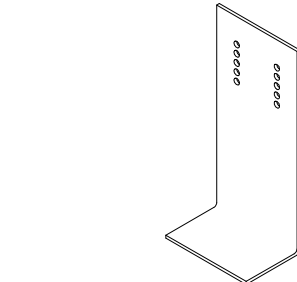
	025.1076.-- UITHAAKBEVEILIGINGSSCHROEF VIS ANTI-DEGONDAGE SAFETY SCREW AGAINST UNHOOKING AUSHAKENSICHERHEITSCHRAUBE	CW 86		
		069.6820.-- UITHAAKBEVEILIGING SECURITE CONTRE LE DECROCHEMENT SAFETY AGAINST UNHOOKING AUSHAKENSICHERHEIT	CW 86 CW 86-EF	
		073.6317.39 HORIZONTAAL SLUITPUNT POINT DE VERROUILLAGE HORIZONTAL HORIZONTAL LOCKING POINT HORIZONTALE SCHLIESSPUNKT	CW 86 CW 86-EF	 2 st./pc 052.5312.--  DIN 7982 4.2 x 13  1 st./pc 052.5360.--  DIN 7981 4.2 x 9.5
		073.6318.-- HORIZONTAAL SLUITPUNT POINT DE VERROUILLAGE HORIZONTAL HORIZONTAL LOCKING POINT HORIZONTALE SCHLIESSPUNKT	CW 86 CW 86-EF	 1 st./pc 050.5270.--  DIN 933 M4 x 6  1 st./pc 050.5271.--  DIN 933 M4 x 10

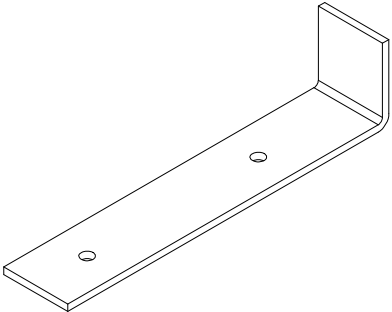
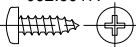
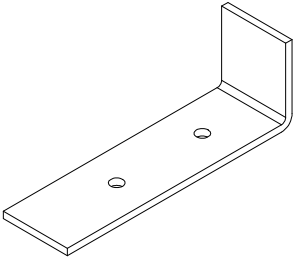
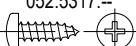
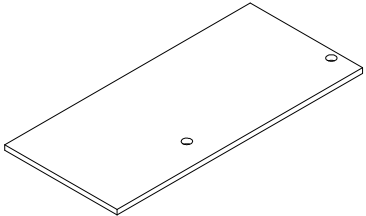
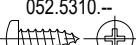
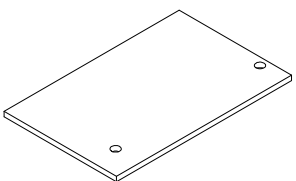
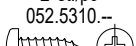


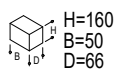
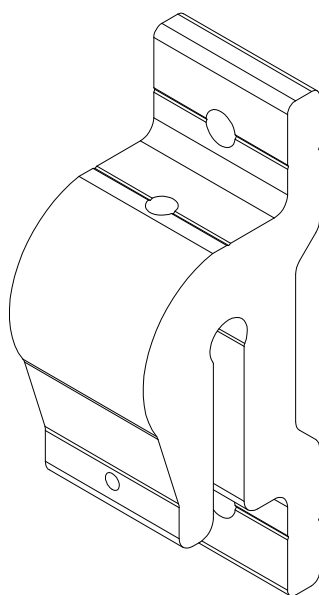
	073.8239.39 GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	CW 86 028.2051.XX 028.2052.XX 028.2053.XX CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86-EF 028.2051.XX 028.2052.XX 028.2053.XX	2 st./pc 051.5250.--  DIN 916 M5 x 10
	073.8247.-- GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	CW 86	
 H=25.5 B=100 D=72.9	073.8252.XX GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	CW 86 028.2051.XX 028.2052.XX 028.2053.XX CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86-EF 028.2051.XX 028.2052.XX 028.2053.XX	2 st./pc 051.5282.--  DIN 916 M4 x 8
 25.5 30 72.5	073.8254.XX GLASSTEUN SUPPORT CALE DE VITRAGE GLASS SUPPORT GLASAUFLAGEPROFIL	CW 86 028.2051.XX 028.2052.XX 028.2053.XX CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86-EF 028.2051.XX 028.2052.XX 028.2053.XX	1 st./pc 051.5282.--  DIN 916 M4 x 8

 15 30 68	073.8255.35 UITVALBEVEILIGING SSG GLASS 26-32MM SECURITE ANTI-CHUTE SSG GLASS 26-32MM SECURITY AGAINST FALLING SSG GLASS 26-32MM AUSFALLSICHERUNG SSG GLASS 26-32MM	CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86 CW 86-EF		
 15 30 72	073.8256.35 UITVALBEVEILIGING SSG GLASS 30-36MM SECURITE ANTI-CHUTE SSG GLASS 30-36MM SECURITY AGAINST FALLING SSG GLASS 30-36MM AUSFALLSICHERUNG SSG GLASS 30-36MM	CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86 CW 86-EF		
 H=8.3 B=100 D=51.7	073.7291.39 GLASSTEUN 51.7MM SUPPORT CALE DE VITRAGE 51.7MM GLASS SUPPORT 51.7MM GLASAUFLAGEPROFIL 51.7MM	CW 86 007.0160.XX 007.0162.XX 007.0164.XX CW 86-EF 007.0160.XX 007.0162.XX 007.0164.XX CW 50 CW 50-HL CW 60 CW 50-SC CW 50-SG CW 60-SG	CW 60-SC CW 65-EF CW 65-EF/SG	2 st./pc 051.5282.-  DIN 916 M4 x 8
 H=8.3 B=100 D=57.2	073.7292.39 GLASSTEUN 57.2MM SUPPORT CALE DE VITRAGE 57.2MM GLASS SUPPORT 57.2MM GLASAUFLAGEPROFIL 57.2MM	CW 86 007.0160.XX 007.0162.XX 007.0164.XX CW 86-EF 007.0160.XX 007.0162.XX 007.0164.XX CW 50 CW 50-HL CW 60 CW 50-SC CW 50-SG CW 60-SG	CW 60-SC CW 65-EF CW 65-EF/SG	2 st./pc 051.5282.-  DIN 916 M4 x 8



 H=15 B=75 D=60	073.7282.39 GLASSTEUN 50.5MM SUPPORT CALE DE VITRAGE 50.5MM GLASS SUPPORT 50.5MM GLASAUFLAGEPROFIL 50.5MM	CW 86 007.0160.XX 007.0162.XX 007.0164.XX CW 86-EF 007.0160.XX 007.0162.XX 007.0164.XX CW 50 CW 50-HL CW 60 CW 50-SC CW 50-SG CW 60-SC	CW 65-EF CW 65-EF/SG CW 60-SG	2 st./pc 051.5282.--  DIN 916 M4 x 8
 H=15 B=75 D=66	073.7284.39 GLASSTEUN 56.5MM SUPPORT CALE DE VITRAGE 56.5MM GLASS SUPPORT 56.5MM GLASAUFLAGEPROFIL 56.5MM	CW 86 007.0160.XX 007.0162.XX 007.0164.XX CW 86-EF 007.0160.XX 007.0162.XX 007.0164.XX CW 50 CW 50-HL CW 60 CW 50-SC CW 50-SG CW 60-SC	CW 65-EF CW 65-EF/SG CW 60-SG	2 st./pc 051.5282.--  DIN 916 M4 x 8
 H=20 B=30 D=66 STOCK REYNAERS FRANCE !	073.8220.35 UITHAAKBEVEILIGING GLASS 26-34MM SECURITE CONTRE LE DECROCHEMENT GLASS 26-34MM SAFETY AGAINST UNHOOKING GLASS 26-34MM AUSHAKENSICHERHEIT GLASS 26-34MM	CW-SG CW 86		

	073.6338.00 KOPPELPLAAT BODEMPROFIEL PLAQUE DE RACCORDEMENT PROFILE DE SEUIL CONNECTION PLATE FLOOR PROFILE KOPPLUNGSPLATTE SCHWELLE	CW 86		 2 st./pc 052.5317.--  DIN 7981 4.2 x 13
	073.6339.00 KOPPELPLAAT BODEMPROFIEL PLAQUE DE RACCORDEMENT PROFILE DE SEUIL CONNECTION PLATE FLOOR PROFILE KOPPLUNGSPLATTE SCHWELLE	CW 86		 2 st./pc 052.5317.--  DIN 7981 4.2 x 13
	073.6340.00 AFDEKPLAAT BODEMPROFIEL TOLE DE RECOUVREMENT PROFILE DE SEUIL COVER PLATE FLOOR PROFILE ABDECKPLATTE SCHWELLE	CW 86		 2 st./pc 052.5310.--  DIN 7981 4.2 x 16
	073.6341.00 AFDEKPLAAT BODEMPROFIEL TOLE DE RECOUVREMENT PROFILE DE SEUIL COVER PLATE FLOOR PROFILE ABDECKPLATTE SCHWELLE	CW 86		 2 st./pc 052.5310.--  DIN 7981 4.2 x 16



056.6350.00

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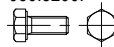
CW 86-EF
007.0100.XX
007.0101.XX
007.0102.XX

CW 86-EF/Hi

CW 86



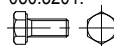
2 st./pc
050.5200.--



DIN 933
M10 x 40



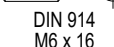
1 st./pc
050.5201.--



DIN 933
M10 x 80



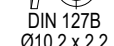
1 st./pc
051.5278.--



DIN 914
M6 x 16



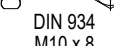
2 st./pc
054.5450.--



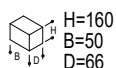
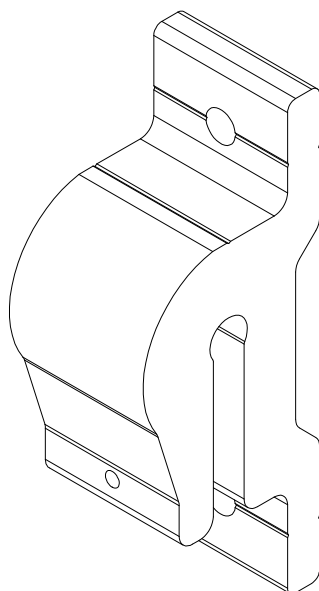
DIN 127B
Ø10.2 x 2.2



1 st./pc
079.5398.--



DIN 934
M10 x 8



056.6351.00

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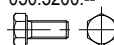
CW 86-EF
007.0100.XX
007.0101.XX
007.0102.XX

CW 86-EF/Hi

CW 86



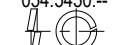
2 st./pc
050.5200.--



DIN 933
M10 x 40



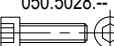
2 st./pc
054.5450.--



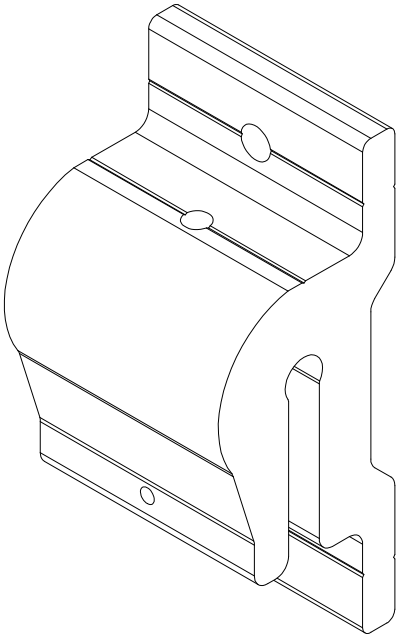
DIN 127B
Ø10.2 x 2.2



1 st./pc
050.5028.--



DIN 912
M6 x 16



H=160
B=80
D=66

056.6352.00

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CW 86
012.5356.XX
012.5357.XX
012.5375.XX

CW 86-EF

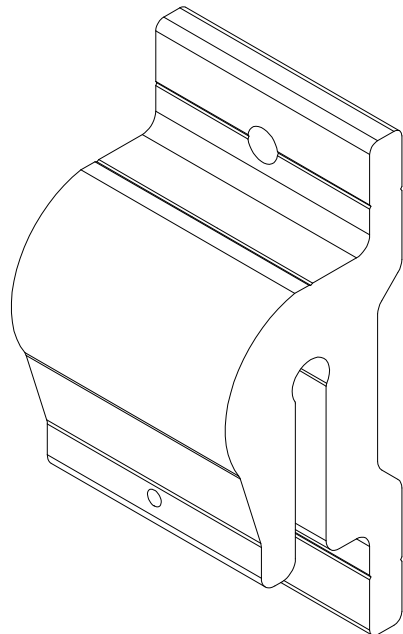
2 st./pc
050.5200.--
DIN 933
M10 x 40

1 st./pc
050.5201.--
DIN 933
M10 x 80

1 st./pc
051.5278.--
DIN 914
M6 x 16

2 st./pc
054.5450.--
DIN 127B
Ø10.2 x 2.2

1 st./pc
079.5398.--
DIN 934
M10 x 8



H=160
B=80
D=66

056.6353.00

ANKER

ANCRAGE

ANCHOR

ANKER

CW 86
012.5356.XX
012.5357.XX
012.5375.XX

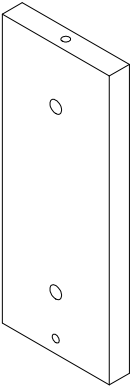
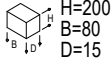
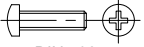
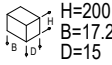
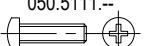
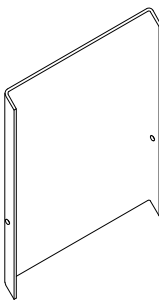
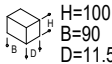
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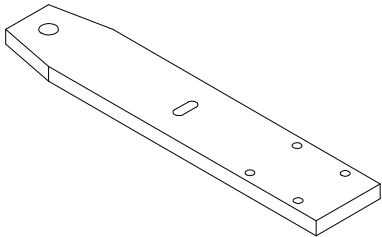
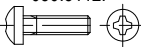
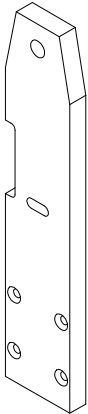
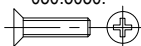
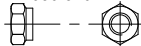
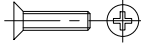
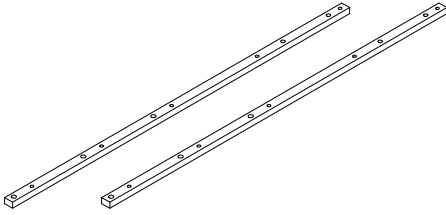
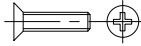
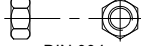
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050.5200.--
DIN 933
M10 x 40

2 st./pc
054.5450.--
DIN 127B
Ø10.2 x 2.2

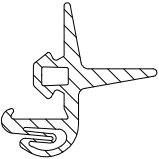
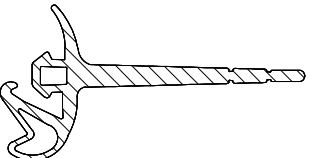
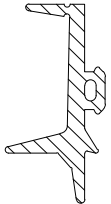
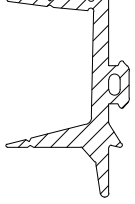
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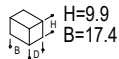
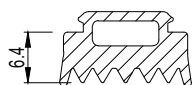
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 	056.6356.00 TEGENPLAAT CONTRE - PLAQUE COUNTER PLATE GEGENPLATTE	CW 86-EF 007.0100.XX 007.0101.XX 007.0102.XX CW 86-EF/HI CW 65-EF CW 65-EF/SG CW 86	 1 st./pc 050.5111.--  DIN 7985 M6 x 8
 	069.6821.00 AFDEKPLAAT TOLE DE RECOUVREMENT COVER PLATE ABDECKPLATTE	CW 86 CW 86-EF	

 H=300 B=60 D=12	056.6360.00 KOPPELSTUK PIECE DE RACCORDEMENT CONNECTION PIECE KUPPLUNGSSTUECK	CW 65-EF CW 65-EF/SG CW 86-EF 107.0100.XX 007.0100.XX 007.0101.XX 007.0102.XX CW 86	4 st./pc 050.5112.--  DIN 7985 M6 x 25
 H=300 B=60 D=15 ! 050.5050.-- 050.5407.-- -> CW 86 ! 050.5055.-- 050.5407.-- -> CW 65-EF	056.6361.00 KOPPELSTUK PIECE DE RACCORDEMENT CONNECTION PIECE KUPPLUNGSSTUECK CW 86-EF 007.0100.XX 007.0101.XX 007.0102.XX CW 86-EF/HI CW 65-EF		4 st./pc 050.5050.--  DIN 965 M6 x 25 4 st./pc 050.5407.--  DIN 985 M6 x 6 4 st./pc 050.5055.--  DIN 965 M6 x 45
 H=15 B=630 D=15	073.6300.00 BEVESTIGINGSLAT LATTE DE FIXATION FIXING LATH BEFESTIGUNGSLATTE	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX CW 86-EF 007.0100.XX CW 86-EF/HI	1 st./pc 050.5051.--  DIN 965 M6 x 30 1 st./pc 050.5395.--  DIN 934 M6 x 5



	022.0040.04 MIDDENDICHTING JOINT CENTRAL CENTRAL GASKET MITTELDICHTUNG	CW 86 012.5350.XX 012.5352.XX CW 86-EF 012.5350.XX 012.5352.XX		
	028.1010.04 MIDDENDICHTING JOINT CENTRAL CENTRAL GASKET MITTELDICHTUNG	CW 86 012.5350.XX 012.5352.XX CW 86-EF 012.5350.XX 012.5352.XX		
	080.9390.04 DICHTING JOINT GASKET DICHTUNG	CW 86 007.0120.XX 007.0121.XX CW 86-EF 007.0101.XX 007.0102.XX 007.0120.XX 007.0121.XX CW 86-EF/HI		
	080.9397.04 DICHTING JOINT GASKET DICHTUNG	CW 86 007.0120.XX 007.0121.XX CW 86-EF 007.0120.XX 007.0121.XX		
	022.3036.04 DICHTING JOINT GASKET DICHTUNG	CW 86-EF 017.0131.XX 007.0113.XX CW 50-FV HIFI TEMPO Th BOREALE CW 86 CP 50 GP 51 CS 24-SL		

	022.1041.04 BEGLAZINGSDICHTING DROGE BEGLAZING 3MM JOINT DE VITRAGE - VITRAGE SEC 3MM GLAZING GASKET DRY GLAZING 3MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 3MM	CW 86 007.0125.XX 012.5354.XX 028.3341.XX CW 60 CW 86-EF		
	022.1077.SY BEGLAZINGSDICHTING DROGE BEGLAZING 3-5MM JOINT DE VITRAGE - VITRAGE SEC 3-5MM GLAZING GASKET DRY GLAZING 3-5MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 3-5MM	CW 86 007.0125.XX 012.5354.XX 028.3341.XX CW 60 HIFI VISION 55Th CW 86-EF CD 50		
  H=17.3 B=15.2	022.1078.SY BEGLAZINGSDICHTING DROGE BEGLAZING 6-9MM JOINT DE VITRAGE - VITRAGE SEC 6-9MM GLAZING GASKET DRY GLAZING 6-9MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 6-9MM	CW 86 007.0125.XX 012.5354.XX 028.3341.XX CW 60 CW 65-EF HIFI VISION 55Th CW 50 CW 86-EF CD 50		
  H=14.6 B=13.2	022.1079.SY BEGLAZINGSDICHTING DROGE BEGLAZING 4-7MM JOINT DE VITRAGE - VITRAGE SEC 4-7MM GLAZING GASKET DRY GLAZING 4-7MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 4-7MM	CW 86 007.0125.XX 012.5354.XX 028.3341.XX CW 60 CW 65-EF HIFI VISION 55Th CW 50 CW 86-EF		
  H=19 B=19.6	080.9391.04 BEGLAZINGSDICHTING DROGE BEGLAZING 9-12MM JOINT DE VITRAGE - VITRAGE SEC 9-12MM GLAZING GASKET DRY GLAZING 9-12MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 9-12MM	CW 86 007.0120.XX 007.0121.XX 012.5350.XX CW 86-EF 007.0100.XX 007.0120.XX 007.0121.XX 012.5350.XX CW 86-EF/HI	CW 50	



080.9375.04

BEGLAZINGSDICHTING
6.4MM

JOINT DE VITRAGE
6.4MM

GLAZING GASKET
6.4MM

VERGLASUNGSDICHTUNG
6.4MM

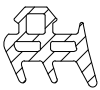
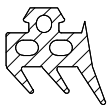
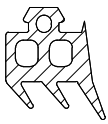
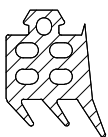
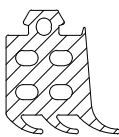
CW 86

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007.0162.XX
007.0164.XX

CW 86-EF

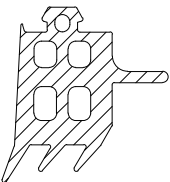
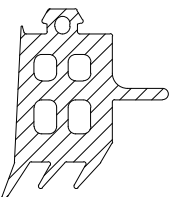
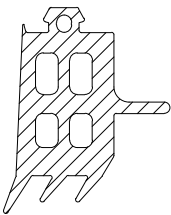
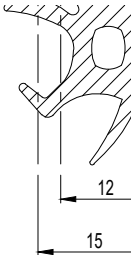
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007.0164.XX

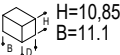
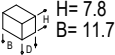


	022.1042.04 BEGLAZINGSDICHTING DROGE BEGLAZING 5M JOINT DE VITRAGE - VITRAGE SEC 5M GLAZING GASKET DRY GLAZING 5M VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 5M	CW 86 007.0120.XX 007.0121.XX 012.5350.XX 012.5352.XX CW 86-EF 007.0100.XX 007.0120.XX 007.0121.XX 012.5350.XX 012.5352.XX	CW 86-EF/Hi	
	022.1043.04 BEGLAZINGSDICHTING DROGE BEGLAZING 7MM JOINT DE VITRAGE - VITRAGE SEC 7MM GLAZING GASKET DRY GLAZING 7MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 7MM	CW 86 007.0120.XX 007.0121.XX 012.5350.XX 012.5352.XX CW 86-EF 007.0100.XX 007.0120.XX 007.0121.XX 012.5350.XX 012.5352.XX	CW 86-EF/Hi	
	022.1044.04 BEGLAZINGSDICHTING DROGE BEGLAZING 9MM JOINT DE VITRAGE - VITRAGE SEC 9MM GLAZING GASKET DRY GLAZING 9MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 9MM	CW 86 007.0120.XX 007.0121.XX 012.5350.XX CW 86-EF 007.0100.XX 007.0120.XX 007.0121.XX 012.5350.XX CW 86-EF/Hi		
	022.1045.04 BEGLAZINGSDICHTING DROGE BEGLAZING 11MM JOINT DE VITRAGE - VITRAGE SEC 11MM GLAZING GASKET DRY GLAZING 11MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 11MM	CW 86 007.0120.XX 007.0121.XX 012.5350.XX CW 86-EF 007.0100.XX 007.0120.XX 007.0121.XX 012.5350.XX CW 86-EF/Hi		
	080.9392.04 BEGLAZINGSDICHTING DROGE BEGLAZING 13MM JOINT DE VITRAGE - VITRAGE SEC 13MM GLAZING GASKET DRY GLAZING 13MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 13MM	CW 86 007.0120.XX 007.0121.XX 012.5350.XX CW 86-EF 007.0100.XX 007.0120.XX 007.0121.XX 012.5350.XX CW 86-EF/Hi		

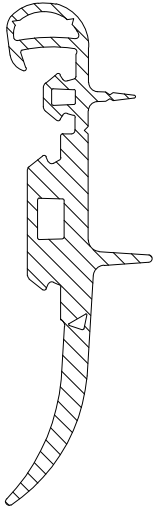
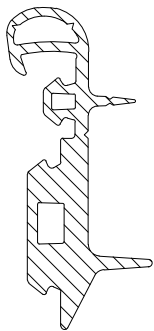
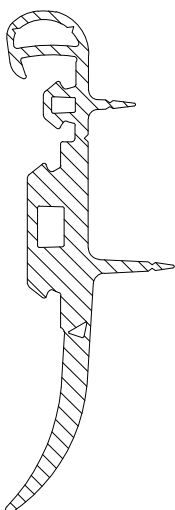
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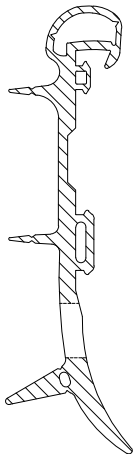


	080.9401.04 BEGLAZINGSDICHTING DROGE BEGLAZING 19MM JOINT DE VITRAGE - VITRAGE SEC 19MM GLAZING GASKET DRY GLAZING 19MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 19MM	CW 86 CW 86-EF CW 86-EF/Hi		
	080.9402.04 BEGLAZINGSDICHTING DROGE BEGLAZING 21MM JOINT DE VITRAGE - VITRAGE SEC 21MM GLAZING GASKET DRY GLAZING 21MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 21MM	CW 86 CW 86-EF CW 86-EF/Hi		
	080.9403.04 BEGLAZINGSDICHTING DROGE BEGLAZING 23MM JOINT DE VITRAGE - VITRAGE SEC 23MM GLAZING GASKET DRY GLAZING 23MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 23MM	CW 86 CW 86-EF CW 86-EF/Hi		
	080.9404.04 BEGLAZINGSDICHTING DROGE BEGLAZING 12-15MM JOINT DE VITRAGE - VITRAGE SEC 12-15MM GLAZING GASKET DRY GLAZING 12-15MM VERGLASUNGSDICHTUNG TROCKENVERGLASUNG 12-15MM	CW 86 CW 86-EF CW 86-EF/Hi		

  H=9.5 B=10	080.9300.04 DICHTING SG 6.4MM JOINT SG 6.4MM GASKET SG 6.4MM DICHTUNG SG 6.4MM	 CW 86 028.2051.XX 028.2052.XX 028.2053.XX CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86-EF 028.2051.XX 028.2052.XX 028.2053.XX CW 50 CW 50-HL CW 60 CW 50-SC CW 50-SG CW 60-SG Eco system	Eco system-AP CW 60-SC CW 65-EF CW 50-SL	
  H=10.85 B=11.1	022.0036.04 AANSLAGDICHTING JOINT DE BUTEE BUTT STRIP ANSCHLAGDICHTUNG	CW 86 012.5356.XX 012.5357.XX 012.5358.XX 012.5359.XX 012.5360.XX 012.5361.XX 012.5362.XX 012.5366.XX 012.5375.XX CW 86-EF 007.0100.XX 007.0101.XX 007.0102.XX 007.0110.XX 007.0112.XX 007.0113.XX 007.0114.XX 007.1198.XX CW 86-EF/HL		
  H= 7.8 B= 11.7	080.9002.04 DICHTING JOINT GASKET DICHTUNG	 CW 86 007.0121.XX CW 86-EF 007.0121.XX TP 110 TLS 110 CP 130 CP 130-LS TP 110-Re		



  H=66.4 B=10.8 L=3000MM	080.9386.04 DICHTING L=3000MM JOINT L=3000MM GASKET L=3000MM DICHTUNG L=3000MM	CW 86 028.2051.XX 028.2052.XX 028.2053.XX CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86-EF 028.2051.XX 028.2052.XX 028.2053.XX		
  H=42.6 B=10.8 L=3000MM	080.9387.04 DICHTING L=3000MM JOINT L=3000MM GASKET L=3000MM DICHTUNG L=3000MM	CW 86 028.2051.XX CW 86-SG 028.2051.XX CW 86-EF 028.2051.XX		
  H=66.4 B=10.8 L=3000MM	080.9389.04 DICHTING L=3000MM JOINT L=3000MM GASKET L=3000MM DICHTUNG L=3000MM	CW 86 028.2051.XX 028.2052.XX 028.2053.XX CW 86-SG 028.2051.XX 028.2052.XX 028.2053.XX CW 86-EF 028.2051.XX 028.2052.XX 028.2053.XX		



H=65.2
B=18.1

080.9376.04

DICHTING

JOINT

GASKET

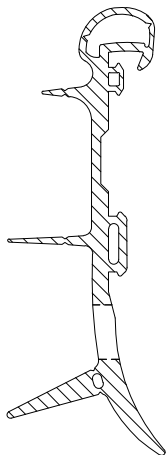
DICHTUNG

CW 86

007.0160.XX
007.0162.XX
007.0164.XX

CW 86-EF

007.0160.XX
007.0162.XX
007.0164.XX



H=65.2
B=23.1

080.9377.04

DICHTING

JOINT

GASKET

DICHTUNG

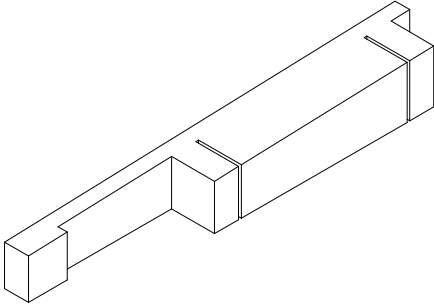
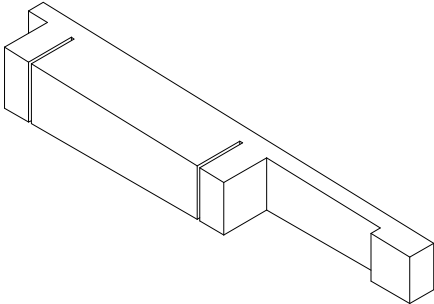
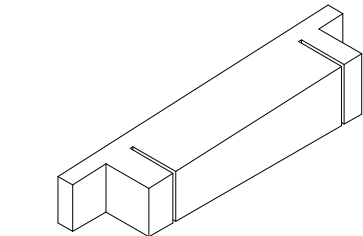
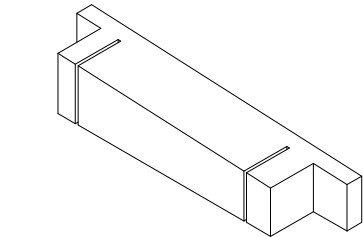
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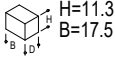
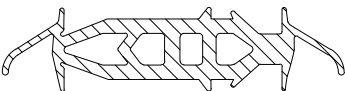
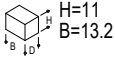
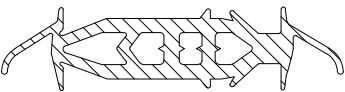
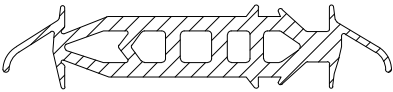
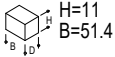
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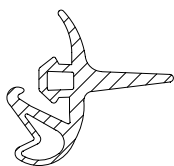
CW 86-EF

007.0164.XX



 H=20 B=21.5 D=146	080.9260.04 VORMSTUK ONTWATERING PIECE MOULEE DRAINAGE MOULDING PIECE DRAINAGE FORMSTUECK ENTWAESSERUNG	CW 86-EF 007.0102.XX CW 86		
 H=20 B=146 D=21.5	080.9261.04 VORMSTUK ONTWATERING PIECE MOULEE DRAINAGE MOULDING PIECE DRAINAGE FORMSTUECK ENTWAESSERUNG	CW 86-EF 007.0101.XX CW 86-EF/HL CW 86		
 H=20 B=21.5 D=101	080.9262.04 VORMSTUK ONTWATERING PIECE MOULEE DRAINAGE MOULDING PIECE DRAINAGE FORMSTUECK ENTWAESSERUNG	CW 86 CW 86-EF		
 H=20 B=101 D=21.5	080.9263.04 VORMSTUK ONTWATERING PIECE MOULEE DRAINAGE MOULDING PIECE DRAINAGE FORMSTUECK ENTWAESSERUNG	CW 86 CW 86-EF		

 	080.9255.04 RUBBER MET UITZETVOEG JOINT DE DILATATION EXPANSION GASKET DICHTUNG MIT DEHNUNGSFUEGE	CW 86-EF 007.0100.XX 007.0101.XX 007.0102.XX CW 86-EF/HI CW 86		
 	080.9264.04 KOPPELINGSRUBBER JOINT DE DILATATION EXPANSION GASKET DEHNUNGSDICHTUNG	CW 86-EF 007.0100.XX 007.0101.XX 007.0102.XX CS 59 CW 60 CW 50-SC Eco system Eco system-AP CW 60-SC CW 86-EF/HI CW 65-EF	CW 65-EF/SG CW 86 CW 60-SG CS 86-HI	
	080.9265.04 KOPPELINGSRUBBER BRANDWEREND JOINT DE JONCTION ANTI-FEU LINKING GASKET FIRE-RESISTANT KUPPLUNGSDICHTUNG FEUERHEMMEND	CW 86-EF 007.0100.XX 007.0101.XX 007.0102.XX CW 86-EF/HI CW 86		
 	080.9266.04 KOPPELINGSRUBBER JOINT DE JONCTION LINKING GASKET KUPPLUNGSDICHTUNG	CW 86-EF 007.0100.XX 007.0101.XX 007.0102.XX CW 86-EF/HI CW 86 CW 86-SG		
	080.9381.04 DICHTING Ø4MM JOINT Ø4MM GASKET Ø4MM DICHTUNG Ø4MM	CS 59 Eco system Eco system-AP CS 24-SL CS 24-SL/AP CW 65-EF/SG CS 59Pa CS 59-HV CS 59-Re CS 59-So CS 68 CS 68-HV	CS 68-Re CS 68-So VISION 50 TP 110 TP 138 TLS 110 CP 155 CP 155-LS CW 50 CW 50-HI CW 50-HL CW 50-RA CW 60	



080.9388.04

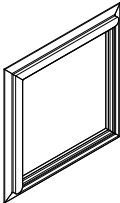
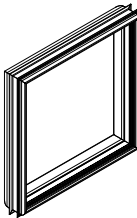
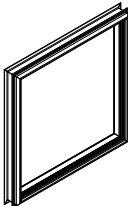
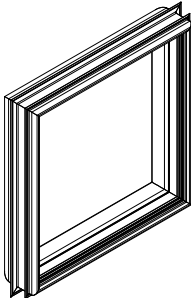
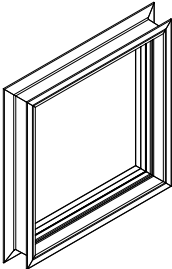
DICHTING TUSSEN 2 KADERS

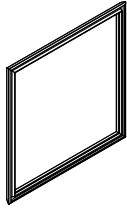
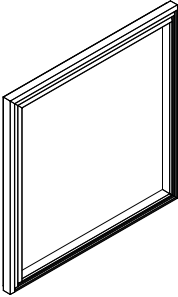
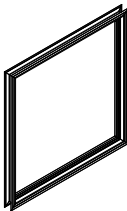
JOINT ENTRE 2 CADRES

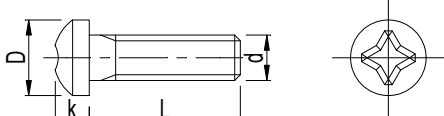
GASKET STRUCTURAL GLAZING

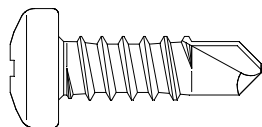
DICHTUNG STRUKTURELLE VERGLASUNG

CW 86-EF

  MADE OUT OF 022.0040.04	F22.0040.N4 GEVULCANISEERDE KADER MIDDENDICHTING CADRE VULCANISE JOINT CENTRAL VULCANISED FRAME CENTRAL GASKET VULKANISIERTER RAHM MITTELDICHTUNG	CW 86		
  MADE OUT OF 080.9386.04	F80.9386.N4 GEVULCANISEERDE KADER DICHTING CADRE VULCANISE JOINT VULCANISED FRAME GASKET VULKANISIERTER RAHM DICHTUNG	CW 86 CW 86-SG CW 86-EF		
  MADE OUT OF 080.9387.04	F80.9387.N4 GEVULCANISEERDE KADER DICHTING CADRE VULCANISE JOINT VULCANISED FRAME GASKET VULKANISIERTER RAHM DICHTUNG	CW 86 CW 86-SG CW 86-EF		
  MADE OUT OF 080.9389.04	F80.9389.N4 GEVULCANISEERDE KADER DICHTING CADRE VULCANISE JOINT VULCANISED FRAME GASKET VULKANISIERTER RAHM DICHTUNG	CW 86 CW 86-SG CW 86-EF		
  MADE OUT OF 080.9390.04	F80.9390.N4 GEVULCANISEERDE KADER DICHTING CADRE VULCANISE JOINT VULCANISED FRAME GASKET VULKANISIERTER RAHM DICHTUNG	CW 86 CW 86-EF		

  MADE OUT OF 080.9391.04	F80.9391.N4 GEVULCANISEERDE KADER BEGLAZINGSDICHTING CADRE VULCANISE JOINT DE VITRAGE VULCANISED FRAME GLAZING GASKET VULKANISIERTE RAHM VERGLASUNGSDICHTUNG	CW 50 CW 86 CW 86-EF CW 65-EF/HI			
  MADE OUT OF 080.9392.04	F80.9392.N4 GEVULCANISEERDE KADER BEGLAZINGSDICHTING CADRE VULCANISE JOINT DE VITRAGE VULCANISED FRAME GLAZING GASKET VULKANISIERTE RAHM VERGLASUNGSDICHTUNG	CW 86 CW 86-EF			
  MADE OF 080.9397.04	F80.9397.N4 GEVULCANISEERDE KADER DICHTING CADRE VULCANISE JOINT VULCANISED FRAME GASKET VULKANISIERTE RAHM DICHTUNG	CW 86 CW 86-EF			

			d	afm. dimen. L	Masse dimen. k	D
 						



053.5405.--

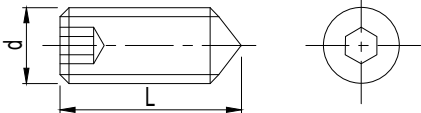
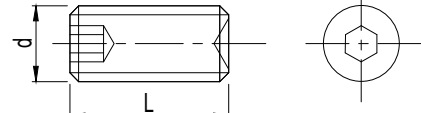
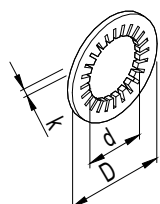
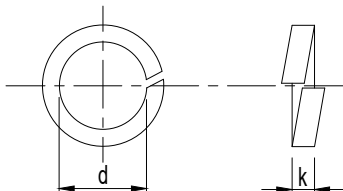
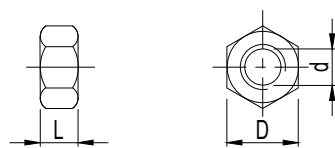
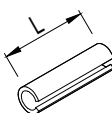
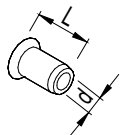
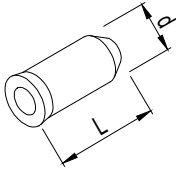
SCHROEF ZELFBOREND
4.2x13

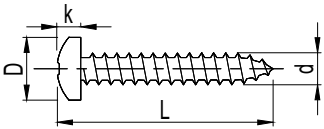
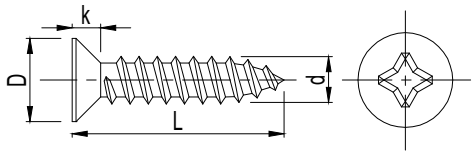
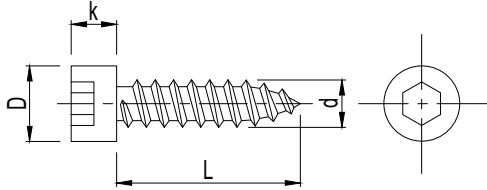
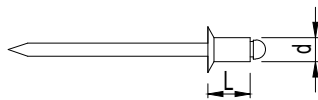
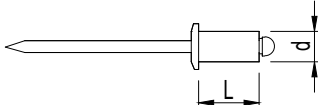
VIS AUTOPERCEUSE
4.2x13

SCREW SELF-DRILLING
4.2x13

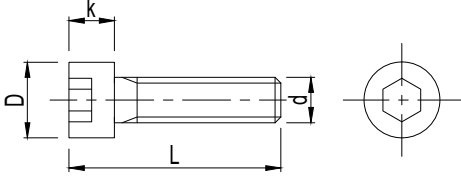
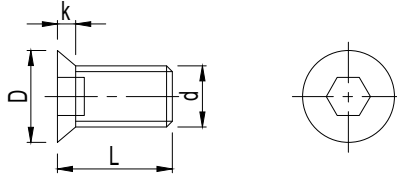
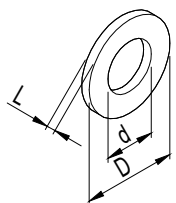
BLECHSCHRAUBE
4.2x13

CW 86
CW 86-EF

		d	afm. dimen. L	Masse dimen. k	D
 DIN 914	051.5273.-- 051.5279.-- 051.5272.-- 051.5278.--	M4 M4 M5 M6	5 10 6 16		
 DIN 916	051.5281.--	M4	10		
 DIN 6797	072.5208.--	6.4		0.6	11
 DIN 127B	054.5450.--	10.2		2.2	18.2
 DIN 934	050.5395.-- 079.5398.--	M6 M10	5 8		10 17
	058.5951.--	3	24		
	057.5710.--	M5	13		
	057.5714.-- 057.5711.-- 057.5713.-- 057.5712.--	M5 M5 M5 M5	11.6 13 13.5 13.7		
	068.5933.--	7	16		

		d	afm. dimen. L	Masse dimen. k	D
	052.5360.--	4.2	9.5	3.05	8.2
	052.5317.--	4.2	13	3.05	8.2
	052.5310.--	4.2	16	3.05	8.2
	052.5315.--	4.2	25	3.05	8.2
	052.5321.--	4.2	32	3.05	8.2
	052.5330.--	4.8	13	3.55	9.5
	052.5300.--	4.8	19	3.55	9.5
	052.5344.--	5.5	13	3.95	10.8
	052.5343.--	5.5	25	3.95	10.8
	052.5342.--	5.5	32	3.95	10.8
	052.5340.--	5.5	45	3.95	10.8
	052.5350.--	6.3	25	4.55	12.5
	052.5351.--	6.3	38	4.55	12.5
DIN 7981					
	052.5312.--	4.2	13	2.5	8.1
	052.5311.--	4.2	16	2.5	8.1
	052.5316.--	4.2	19	2.5	8.1
	052.5318.--	4.2	38	2.5	8.1
	052.5332.--	4.8	13	3	9.5
	052.5331.--	4.8	19	3	9.5
	052.5333.--	4.8	25	3	9.5
	052.5334.--	4.8	70	3	9.5
	052.5339.--	5.5	13	3.4	10.8
	052.5380.--	6.3	13	3.8	12.4
	052.5381.--	6.3	38	3.8	12.4
DIN 7982					
	052.5372.--	6.3	13	8	10
	052.5371.--	6.3	38	8	10
	052.5373.--	6.3	70	8	10
	055.5630.--	4	7		
	055.5631.--	3	8		
	055.5620.--	4	6		
	055.5640.--	4	8		
	055.5650.--	4	10		
	055.5660.--	4	15		



		d	afm. dimen. L	Masse dimen. k	D
 SCHROEF MET BORGINGSVERF VIS AVEC COLLE DE BLOCAGE SCHRAUBE MIT SICHERUNGSFARBE SCREW WITH LOCK PAINT DIN 912	050.5028.--	M6	16	6	10
	050.5093-- 050.5094.--	M8 M8	8 15	4.4 4.4	12 12
	054.5452.-- 067.5205.--	5.2 10.5	3 2		10 20

D0045423

