

CS 59Pa

Cat. nr. **14**
Art. nr. **PP_AD.089.C14C.00 (v01)**
Edition **03/2025**



Together for better

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VLEUGEL DEUR NAAR BUITENDRAAIEND
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T-PROFIEL VERSTERKT
VERSTEVIGINGSPROFIEL
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GLASLAT VLEUGEL
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HOEKPROFIEL
ROLLUIKGELEIDERS
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MIDDENDICHTINGEN
SNIJMAL MIDDENDICHTING
BORSTELDICHTINGEN
PLAATSING DICHTING
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ANKERS
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BOORMAL HOEKVERBINDING
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KLEMBLOKKEN CNC MACHINES 095.N300.00
KLEMBLOKKEN CNC MACHINES
DIVERSEN

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VAST RAAM
RAAM MET OPENVALLEND BOVENLICHT
KIPDRAAIRAAM
STOLPRAAM NAAR BINNENDRAAIEND
RAAM NAAR BUITENDRAAIEND
RAAMDEUR NAAR BINNENDRAAIEND MET BORSTEL
STOLPDEUR BINNENDRAAIEND MET BORSTELAFSLUITING
DEUR BINNENDRAAIEND MET BORSTELAFSLUITING
DEUR BINNENDRAAIEND MET BORSTELAFSLUITING - SO
DEUR BINNENDR. MET DUBBELE AANSLAGDICHTING
STOLPDEUR BINNENDRAAIEND 'BORSTELAFSLUITING'
STOLPDEUR BINNENDR. MET SOKKELPROFIEL
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SAMENGESTELDE DEUR BINNENDRAAIEND
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KLEMBLOKKEN ZAAGMACHINE 095.B600.00
KLEMBLOKKEN CNC MACHINES 095.B700.00
KLEMBLOKKEN CNC MACHINES 095.N300.00
KLEMBLOKKEN CNC MACHINES 095.E000.00
KLEMBLOKKEN CNC MACHINES 095.C300.00
DECOMPRESSIE
ONTWATERING
T-VERBINDING VOOR KADER
T-VERBINDING
T-VERBINDING MET SCHROEF
STEUNHOEKEN
PERSHOEKEN
SCHROEFHOEKEN
HOEKENPERS 095.H800.00
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SCHROEFHOEKEN
SCHROEFHOEK VERSTELBAAR
BEWERKING DICHTING
BEGLAZINGSMETHODE
BEGLAZINGSMETHODE - BEGLAZINGSBLOKKEN
BEGLAZINGSTABEL
VERSTERKINGSPROFIELEN
STOLPRAAM
STOLPDEUR
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Profile

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BLENDRAHMEN
BLENDRAHMEN TUEK
FLUEGEL
FLUEGEL TUEK NACH INNEN OEFFNEND
FLUEGEL TUEK NACH AUSSEN OEFFNEND
SPROSSE
SPROSSE VERSTAERKT
VERSTAERKUNGSPROFIL
Z-PROFIL
STULPPP
GLASLEISTE FLUEGEL
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PRESSECKWINKEL
SCHRAUBECKWINKEL
SCHRAUBECKWINKEL VERSTELLBAR
T-VERBINDER
ECKWINKEL
ENDKAPPEN
VERGLASUNGSDICHTUNGEN
MITTELDICHTUNGEN
SCHNEIDELEHRE MITTELDICHTUNG
BUERSTENDICHTUNGEN
MONTAGEDICHTUNG
DICHTUNGSSTUECK
BANDSEITE KD RECHTS
ANKER
MEHRZWECKSTANZWERKZEUG
BOHRLEHRE ECKVERBINDER
SPANNBACKEN CNC MASCHINEN 095.B700.00
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KIPPDREHFENSTER
STULPFENSTER NACH INNEN OEFFNEND
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STULPFUEGELTUEK INNER OEFFN. MIT BUERSTENDICHT.
TUEK NACH INNEN OEFFN. MIT BUERSTENDICHTUNG
TUEK NACH INNEN OEFFN. MIT BUERSTENDICHTUNG - S
TUEK INNEN OEFFN. MIT DOPPELANSCHLAGDICHTUNG
STULPFUEGELTUEK NACH INNEN OEFFNEND 'BUERSTE'
STULPFUEGELTUEK IN. OEFFN. MIT SOCKELPROFIL
STULPFUEGELTUEK IN. OEFFN. MIT DOPPELANSCHLAGDICHT.
KOMBINIERTE TUEK NACH INNEN OEFFNEND
KOMBINIERTE TUEK NACH INNEN OEFFN. MIT BUERSTEN
TUEK NACH NACH AUSSEN OEFFNEND MIT BUERSTEND
TUEK NACH NACH AUSSEN OEFFNEND MIT BUERSTEND
TUEK NACH AUS. OEFFN. MIT DOPPELANSCHLAGDICHT.
STULPFUEGELTUEK NACH AUSSEN OEFFNEND MIT BUERSTEN
FINGERSCHUTZ
STULPFUEGELTUEK NACH AUSS. OEFFNEND 'BUERSTEN'
STULPFUEGELTUEK NACH AUSSEN OEFFNEND MIT DOF
KOMBINIERTE TUEK NACH AUSSEN OEFFNEND
KOMBINIERTE TUEK NACH NACH AUSSEN OEFFNEND MIT
SOCKELPRO
Z-T TUEK NACH INNEN OEFFNEND MIT BUERSTENDICHT.
Z-T TUEK NACH INNEN OEFFNEND MIT DOPPELANSCHLAGDICHT.
Z-T TUEK NACH AUS. OEFFN. MIT DOPPELANSCHLAGDICHT.
FRONT SLIDE

14.E.001-003
14.E.004-005
14.E.006-007
14.E.008-009
14.E.010-011
14.E.012-013
14.E.014-015
14.E.016-017
14.E.018-019
14.E.020-021
14.E.022-023
14.E.024-025
14.E.026-027
14.E.028-031
14.E.032-033
14.E.034-035
14.E.036-037
14.E.038-039
14.E.040-041
14.E.042-043
14.E.044-045
14.E.046-049
14.E.050-051
14.E.052-053
14.E.054-055
14.E.056-057
14.E.058-060

Montagezeichnungen

EINSTELLUNG ZUM SCHNEIDEN
SPANNBACKEN SAEGE 095.D440.00
SPANNBACKEN SAEGE 095.B600.00
SPANNBACKEN CNC MASCHINEN 095.B700.00
SPANNBACKEN CNC MASCHINEN 095.N300.00
SPANNBACKEN CNC MASCHINEN 095.E000.00
SPANNBACKEN CNC MASCHINEN 095.C300.00
DEKOMPRESSION
ENTWASSERUNG
T-VERBINDUNG FUEK BLENDRAHMEN
T-VERBINDUNG
T-VERBINDUNG MIT SCHRAUBE
ECKWINKEL GLASANSCHLAG
PRESSECKWINKEL
SCHRAUBECKWINKEL
ECKVERBINDUNGSMASCHINE 095.H800.00
ECKVERBINDUNGSMASCHINE 095.B500.00
SCHRAUBECKWINKEL
SCHRAUBECKWINKEL VERSTELLBAR
BEARBEITUNG DICHTUNG
VERGLASUNGSWEISE
VERGLASUNGSWEISE - VERGLASUNGSKLOETZEN
VERGLASUNGSTABELLE
VERSTAERKUNGSPROFILE
STULP-DREHFENSTER
STULPFUEGELTUEK
TUEK INNEN OEFFN. MIT DOPPELANSCHLAGDICHTUNG
TUEK NACH AUS. OEFFN. MIT DOPPELANSCHLAGDICHTUNG
Z-T TUEK NACH INNEN OEFFNEND MIT DOPPELANSCHLAGDICHTUNG
Z-T TUEK NACH AUS. OEFFN. MIT DOPPELANSCHLAGDICHTUNG
STULPFUEGELTUEK NACH AUSSEN OEFFNEND MIT DOF
ENDKAPPEN FLACHE TUEK
Z-T TUEK
MAX. ZULAESSIGE ABMESSUNGEN

14.F.001
14.F.002
14.F.003
14.F.004
14.F.005
14.F.006
14.F.007
14.F.008-011
14.F.012-013
14.F.014-015
14.F.016-019
14.F.020-021
14.F.022-023
14.F.024-025
14.F.026-027
14.F.028-029
14.F.030-033
14.F.034-035
14.F.035_01.001-035_01.002
14.F.036-037
14.F.038-042
14.F.043
14.F.044-045
14.F.046-047
14.F.048-049
14.F.050-051
14.F.052
14.F.053
14.F.054
14.F.055
14.F.056
14.F.057
14.F.058-059
14.F.060-061
14.F.062-066

Zubehoer

14.G.001

					
14.A.001	26/04/2024	D0099740	14.E.048	11/2021	D3006723
14.A.002	26/04/2024	D0099741	14.E.050	11/2021	D3006667
14.A.003	11/2021	D0099742	14.E.052	11/2021	D3006543
14.A.004	11/2021	D0099743	14.E.054	11/2021	D3007473
14.A.005	11/2021	D0099744	14.E.056	11/2021	D3007472
14.A.006	11/2021	D0099745	14.E.058	11/2021	D3006451
14.A.007	11/2021	D0099746	14.E.060	11/2021	
14.A.008	11/2021		14.F.001	11/2021	
14.B.001	11/2021	pd.089.c14c.00-du	14.F.002	11/2021	D3006932
14.B.009	11/2021	pd.089.c14c.00-fr	14.F.004	11/2021	D3007226
14.B.017	11/2021	pd.089.c14c.00-en	14.F.006	11/2021	D3007209
14.B.025	11/2021	pd.089.c14c.00-ge	14.F.008	11/2021	D3006465
14.C.001	11/2021	D3006341	14.F.010	11/2021	D3007519
14.C.002	11/2021	D3006349	14.F.012	25/02/2022	D3007521
14.C.003	11/2021	D3006350	14.F.014	11/2021	D3007011
14.C.004	11/2021	D3006354	14.F.016	26/04/2024	D3007029
14.C.005	11/2021	D3006356	14.F.018	11/2021	D3007506
14.C.006	11/2021	D3006358	14.F.020	11/2021	D2000917
14.C.007	11/2021	D3006360	14.F.022	11/2021	D3007513
14.C.008	11/2021	D3004343	14.F.024	11/2021	D3006462
14.C.009	11/2021	D3004350	14.F.026	11/2021	D3006463
14.C.010	11/2021	D3004352	14.F.028	11/2021	D3006464
14.C.011	26/04/2024	D3004348	14.F.030	11/2021	D3007483
14.C.012	11/2021	D3004349	14.F.032	11/2021	D3007484
14.C.013	11/2021	D3007482	14.F.034	11/2021	D3007570
14.C.014	11/2021	D3004355	14.F.035_01.001	03/03/2025	D3013896
14.C.015	11/2021	D3004358	14.F.036	11/2021	D3006466
14.C.016	11/2021	D3004360	14.F.038	11/2021	D3007039
14.C.017	11/2021	D3004365	14.F.040	11/2021	D3007185
14.C.018	11/2021	D3007486	14.F.042	11/2021	D2000915
14.C.019	11/2021	D3004362	14.F.044	11/2021	D3007048
14.C.020	11/2021	D3004361	14.F.046	11/2021	D3005158
14.C.021	11/2021	D3007465	14.F.048	11/2021	D3006960
14.C.022	11/2021	D3007464	14.F.050	11/2021	D3006969
14.C.023	11/2021	D3004375	14.F.052	11/2021	D3007479
14.C.024	11/2021	D3004376	14.F.054	11/2021	D3007736
14.C.025	11/2021		14.F.056	11/2021	D3007733
14.C.026	26/04/2024	D3004370	14.F.058	11/2021	D3006989
14.C.027	11/2021	D3004359	14.F.060	11/2021	D3006974
14.C.028	11/2021	D3004368	14.F.062	11/2021	D3009510
14.C.029	11/2021	D3004366	14.F.064	11/2021	D3009508
14.C.030	11/2021	D3004367	14.F.066	11/2021	
14.C.031	11/2021	D3004369	14.G.001	11/2021	D3006896
14.C.032	11/2021	D3004364	14.G.002	11/2021	D3006898
14.C.033	11/2021	D3004356	14.G.003	11/2021	D3006899
14.C.034	11/2021		14.G.004	11/2021	D3006900
14.E.001	11/2021		14.G.005	26/04/2024	D3006903
14.E.002	11/2021	D3004377	14.G.006	11/2021	D3004971
14.E.004	11/2021	D3006304	14.G.007	03/03/2025	D3006911
14.E.006	11/2021	D3006439	14.G.008	03/03/2025	D3006902
14.E.008	03/03/2025	D3006310	14.G.009	11/2021	D3006904
14.E.010	11/2021	D3006335	14.G.010	11/2021	D3006906
14.E.012	11/2021	D3006445	14.G.011	11/2021	D3006908
14.E.014	11/2021	D3004612	14.G.012	11/2021	D3008353
14.E.016	11/2021	D3006491	14.G.013	11/2021	D3006907
14.E.018	11/2021	D3006529	14.G.014	11/2021	D3006910
14.E.020	11/2021	D3007466	14.G.015	11/2021	D3006914
14.E.022	11/2021	D3006715	14.G.016	11/2021	D3006916
14.E.024	11/2021	D3006537	14.G.017	11/2021	D3006917
14.E.026	11/2021	D3007468	14.G.018	11/2021	D3006913
14.E.028	11/2021	D3006711	14.G.019	11/2021	D3006909
14.E.030	11/2021	D3006712	14.G.020	26/04/2024	D3007488
14.E.032	11/2021	D3004457	14.G.021	11/2021	D3007487
14.E.034	11/2021	D3006520	14.G.022	11/2021	D3007202
14.E.036	11/2021	D3006555	14.G.023	11/2021	D3007203
14.E.038	11/2021	D3007470	14.G.024	11/2021	D3007204
14.E.040	11/2021	D3006668	14.G.025	11/2021	D3007205
14.E.042	11/2021	D3006527	14.G.026	11/2021	D3007206
14.E.044	11/2021	D3007469	14.G.027	11/2021	
14.E.046	11/2021	D3006722	14.G.028	11/2021	D3006894

					
14.G.029 14.G.030 14.G.031 14.G.032 14.001 14.003 14.005 14.007	11/2021 11/2021 11/2021 11/2021 11/2021 11/2021 11/2021 11/2021	D3006895 D3006901 D3006905 D3006915			

A



Reynaers
Aluminium

Algemene informatie

Généralités

General Information

Allgemeine Information

	Profil Profilé Profile Profil	Perfil Profil Profil		Verstek Onglet Mitre Gehrung	Inglete Połączenie 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 Ilosc Numero
	Polijstoppervlakte Surface à polir Polishing surface Polieroberfläche	Superficie pulida Powierzchnia polerowana Superficie lucidata		Zie pagina Voir page See page Siehe Seite	Ver página Patrz strona Vedi pagina
	Lengte Longueur Length Länge	Longitud Długość Lunghezza		Type toebehoren Type accessoires Type accessories Typ Zubehör	Tipos de accesorios Rodzaj okuc Tipo di accessorio
	Afmetingen Dimensions Dimensions Abmessungen	Dimensiones Wymiary Dimensioni		Glasmaten Dimensions vitres Glass sizes Glasmasse	Dimensiones de los vidrios Wymiary szyby Dimensioni del vetro
	Toepassing Application Application Anwendung	Aplicación Zastosowanie Utilizzo		Toepassing Application Utilization Anwendung	Aplicación Zastosowanie Riferimenti
	Bevestigingsmiddelen Moyens de fixation Fixations Befestigungsmittel	Fijación Mocowanie Fissaggio		Asymmetrisch profil 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 Pagina precedente
	Verlijmen Coller Glue Verkleben	Collado Klej Colla		Verstevigingsprofiel Profil de renforcement Reinforcement profile Verstaerkungsprofil	Perfil refuerzo Profil wzmacniający Profilo di rinforzo
	Vulcaniseerlijm Colle vulcanisante Vulcanizing glue Vulkanisierkleber	Vulcanizante Klej wulkanizacyjny Colla vulcanizzante		Links van buiten gezien Gauche vue extérieur Left seen from outside Links Aussenansicht	Vista izquierda desde el exterior Na lewo widok od zewnątrz Sinistro visto da fuori
	Referentiemaat Dimension de référence Reference dimension Referenzmass	Dimension de referencia Punkt odniesienia wymiarowania Dimensioni di riferimento		Rechts van buiten gezien Droite vue extérieur Right seen from outside Rechts Aussenansicht	Vista derecha desde el exterior Na prawa widok od zewnątrz Destro visto da fuori
	Merkteken Marquage Mark Merkzeichen	Indicación Znak Contrassegno		Reynaprotector Reynaprotector Reynaprotector Reynaprotector	Reynaprotector Reynaprotector Reynaprotector Reynaprotector
	Struktureel gelijmd glaswerk Vitrage extérieur collé Structural sealing glazing UV-beständiger Scheibenrandverbund	Sellado acristalado estructural Szyba klejona spoiwem konstrukcyjnym Siliconatura vetro strutturale		Siliconen met lage modulus, compatibel met structurele verlijming Silicon a bas module, compatible avec le collage structurel Low modulus silicone, compatible with structural bonding Silikon mit niedrigem Modul, das mit strukturellen Verklebungen kompatibel ist	Silicona de bajo módulo, compatible con pegado estructural Silikon o niskim module sprężystości, kompatybilny z silikonem strukturalnym Silicone a basso modulo elastico, compatibile con incollaggio 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		Explosiebestendig Antidéflagrant Explosion proof Explosionssicher	Antideflagrante Odporność na wybuch A prova di esplosione
	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 buitenschaal (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 En cas de bicolore (.69) il faut indiquer d'abord la couleur du				



Inbraakwerend
Anti-vol
Burglar proof
Einbruchhemmend

Protección anti- robo
Antywłamaniowe
Antiscasso



Pershoekverbinding
Equerre à sertir
Crimp corner cleat
Presseckverbinder

Escuadra de ensamblar
Naroznik zaciskany
Squadrette a cianfrinare



Basisveiligheid
Sécurité de base
Basic safety
Basissicherheit

Seguridad básica
Antywłamaniowosc podstawowa
Antiscasso base



Hoekverbinding met schroefhoek
(*) enkel voor klembaar beslag
Equerre à blocage (*) seulement
pour accessoires encastrables
Corner cleat with screw
(*) only for clamping accessories
Eckverbinder mit Spannschraube
(*) nur für klemmbaren Beschlag

Escuadra de atornillar
(*) solo para accesorios apretables
Naroznik skrecany
(*) tylko dla akcesoriow
zatrzaszkiwanych
Squadrette ad avvitare
(*) solo per accessori a scatto



ENV

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

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



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

Tope de union con tornillo
Lacznik teowy skrecany
Giunti con viti



NEN

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

Ensayos realizados según
norma NEN 5096 + ENV 1627
Badania wykonane norm
NEN 5098 + ENV 1627
Antiscasso secondo
NEN 5098 + ENV 1627



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

Tope Unión con tornillo apertura exterior

Lacznik teowy skrecany do okien
otwieranych na zewnątrz
Cavallotti conuiti ap est.



Brandwerend
Anti-feu
Fire-proof
Feuerhemmend

Resistente al fuego
Ognioodporne
Anti fuoco



Vulhoek
Equerre de remplissage
Corner support
Fülleckwinkel

Escuadra de relleno
Wspornik narozny
Squadretta di riempimento



EN
EI 30

Testen uitgevoerd volgens norm
EN 1364-1 (beglaasde wanden)
met EI 30 of EI 60 classificatie
Essais effectués par conformément
la norme EN 1364-1 (parois vitrés)
avec classification EI 30 ou EI 60
Tests carried out according to
EN 1364-1 (glazed partitions)
for classification EI 30 or EI 60
Prüfungen gemäß nach Norm
EN 1364-1 (verglaste Wände)
der Klassifizierung EI 30 oder EI 60

Ensayos realizados según
la norma EN 1364-1 (Tabiques
acristalados) para la clasificación
EI 30 o EI 60
Badania wykonane według
norma EN 1364-1 (Przegrody
przeszkłone) dla klasyfikacji
EI 30 lub EI 60



Steunhoek
Cale de feuillure
Rebate support
Glasanschlagwinkel

Escuadra de alineamiento
Katowy naroznik
Squadrette di allineamento



EN
EI 60

Testen uitgevoerd volgens norm
EN 1364-1 (deuren)
met EI2 30 of EI2 60 classificatie
Essais effectués par conformément
la norme EN 1364-1 (portes)
avec classification EI2 30 ou EI2 60
Tests carried out according to
standard EN 1364-1 (doors)
for classification EI2 30 or EI2 60
Prüfungen gemäß nach Norm
EN 1364-1 (Türen)
der Klassifizierung EI2 30 oder EI2 60

Ensayos realizados según
norma 1634-1 (puertas)
para la clasificación
EI2 30 o EI2 60
Badania wykonane według
normy 1634-1 (drzwi)
dla klasyfikacji
EI2 30 lub EI2 60



Verstelbare schroefhoek
Equerre à visser réglable
Adjustable screw corner cleat
Verstellbarer Schraubeckwinkel

Escuadra de atornillar regulable
Katowy naroznik skrecany
Squadrette ad avvitare regolabili



EN
EI2 30

Testen uitgevoerd volgens norm
EN 1634-1 (deuren)
met EI2 30 of EI2 60 classificatie
Essais effectués par conformément
la norme EN 1634-1 (portes)
avec classification EI2 30 ou EI2 60
Tests carried out according to
standard EN 1634-1 (doors)
for classification EI2 30 or EI2 60
Prüfungen gemäß nach Norm
EN 1634-1 (Türen)
der Klassifizierung EI2 30 oder EI2 60

Ensayos realizados según
norma 1634-1 (puertas)
para la clasificación
EI2 30 o EI2 60
Badania wykonane według
normy 1634-1 (drzwi)
dla klasyfikacji
EI2 30 lub EI2 60



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

Escuadra de alineamiento regulable
Katowy naroznik nastawny
Squadretta di allineamento regolabile



EN
EI1 60

Testen uitgevoerd volgens norm
EN 1634-1 (deuren)
met EI1 30 of EI1 60 classificatie
Essais effectués par conformément
la norme EN 1634-1 (portes)
avec classification EI1 30 ou EI1 60
Tests carried out according to
standard EN 1634-1 (doors)
for classification EI1 30 or EI1 60
Prüfungen gemäß nach Norm
EN 1634-1 (Türen)
der Klassifizierung EI1 30 oder EI1 60

Ensayos realizados según
norma 1634-1 (puertas)
para la clasificación
EI1 30 o EI1 60
Badania wykonane według
normy 1634-1 (drzwi)
dla klasyfikacji
EI1 30 lub EI1 60



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

Escuadra con clavia
Lacznik narozny sworzniowy
Squadretta a spinare



EN
EI1 30

Testen uitgevoerd volgens norm
EN 1634-1 (deuren)
met EI1 30 of EI1 60 classificatie
Essais effectués par conformément
la norme EN 1634-1 (portes)
avec classification EI1 30 ou EI1 60
Tests carried out according to
standard EN 1634-1 (doors)
for classification EI1 30 or EI1 60
Prüfungen gemäß nach Norm
EN 1634-1 (Türen)
der Klassifizierung EI1 30 oder EI1 60

Ensayos realizados según
norma 1634-1 (puertas)
para la clasificación
EI1 30 o EI1 60
Badania wykonane według
normy 1634-1 (drzwi)
dla klasyfikacji
EI1 30 lub EI1 60



T-verbinding met nagel
Jonction-T avec cheville
T-bracket with drive pin
T-Verbinder mit Stift

Tope de union con clavia
Lacznik teowy sworzniowy
Cavallotto a spinare



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

Tope unión con clavia apertura exterior

Lacznik teowy sworzniowy do okien
otwieranych na zewnątrz
Cavallotto a spinare ap. est.



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

Accesorios resistente al fuego
Akcesoria ognioodporne
Accessori Anti fuoco



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

Union T regulable
Lacznik teowy nastawny
Giunti a T regolabili



o → i

Brandcurve voor buitentoepassingen
Courbe de feu complète
External fire curve
Externe Brandkurve



Kruisverbindingen
Junctions transversales
Cross connections
Kreuzverbindungen

Uniones transversales
Polaczenie krzyzowe
Collegamento a croce



o → i

Volledige brandcurve voor binnentoepassingen
Courbe de feu interne (complète)
(Full) Internal fire curve
(Volle) Interne Brandkurve



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

Union transversal con tornillo
Polaczenie krzyzowe skrecane
Collegamento a croce con viti



Gelaagd glas
Verre feuilleté
Laminated glass
Verbundglas

Vidrio Laminado
Szyba laminowana
Vetro laminato



Bevestiging drager
Fixation chevron
Fixation rafter
Befestigung Dachsparren

Fijacion mainel
Mocowanie krokwi
Fissaggio montante



Glas
Verre
Glass
Glas

Vidrio
Szyba
Vetro



Handleiding
Manuel
Manual
Gebruiksaanwijzing

Manual
Instrukcja
Manuale



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

Solo para CS 77
Tylko do CS 77
Solo per CS 77

	Alleen voor CS 59 Seulement pour CS 59 Only for CS 59 Nur für CS 59	Solo para CS 59 Tylko do CS 59 Solo per CS 59		Elektrische deuropener Gâche pour serrure électrique Electric door opener Elektrischer Türöffner	Portero automatico Elektryrgiel Apertura porta elettrica
	Alleen voor CS 68 Seulement pour CS 68 Only for CS 68 Nur für CS 68	Solo para CS 68 Tylko do CS 68 Solo per CS 68		Deurgrendels en kantschuiven Verrous de condamnation portes Flush and door bolts Kantriegel und Türriegel	Pasadores puerta Rygle biernych skrzydeł drzwiowych Catenacciolo chiusura centrale
	Eénpuntsluiting Fermeture à 1 point 1-Point lock Einfachverriegelung	Cerradura de 1 punto Zamek 1-punktowy Serratura a 1 punto di chiusura		Geen elektrische spanning bij gesloten deur En cas de porte fermé pas des tension électrique No electric tension in case of closed door Keine elektrische Spannung bei geschlossen Tür	Sin tensión eléctrica en caso de que la puerta esté cerrada Brak elektrycznego napiecia w przypadku zamkniętych drzwi Stacco tensione a porta chiusa
	Eénpuntsluiting met dagschieter Fermeture à 1 point à pêne 1-Point lock with latch Einfachverriegelung mit Falle	Cerradura 1 punto golpe Zamek 1-punktowy Serratura a 1 punto di chiusura con scrocco			
	Eénpuntsluiting met rol Fermeture à 1 points à rouleau 1-Point lock with roller Einfachverriegelung mit Rolle	Cerradura de 1 punto con rodillo Zamek 1-punktowy z barylka Serratura a 1 punto di chiusura con rullino		Raampompen Crémones Window handles Handhebel	Cremona Klamka okienna Cremonese
	Haakslot Serrure à crochet Hook lock Hakenschluss	Cerradura gancho Zamek hakowy Serratura a gancio		Deurkrukken Béquilles Door handles Türdrücker	Manubrios Klamka drzwiowa Maniglie
	Tweepuntsluiting Fermeture à 2 points 2-Point lock Zweifachverriegelung	Cerradura de 2 puntos Zamek 2-punktowy Serratura a 2 punti di chiusura		Sluitingen dubbele deur Serrures pour porte double Locks for double door Türeibriegel	Cerradura puerta doble Blokada drzwi dwuskrzydłowych Serratura porta a 2 ante
	Driepuntsluiting Fermeture à 3 points 3-Point lock Dreifachverriegelung	Cerradura de 3 puntos Zamek 3-punktowy Serratura a 3 punti di chiusura		Raampomp naar buiten draaiend raam Crémone fenêtre ouvrant vers l'extérieur Handle outward opening window Handhebel nach aussen öffnendes Fenster	Cremona ventana apertura exterior Klamka okna otwieranego na zewnątrz Cremonese apertura est.
	Driepuntsluiting met rol Fermeture à 3 points à rouleau 3-Point lock with roller Dreifachverriegelung mit Rolle	Cerradura de 3 puntos con rodillo Zamek 3-punktowy z barylka Serratura a 3 punti di chiusura con rullino			
	Vierpuntsluiting Fermeture à 4 points 4-Point lock Vierfachverriegelung	Cerradura de 4 puntos Zamek 4-punktowy Serratura a 4 punti di chiusura		Raamscharnieren Paumelles pour fenêtres Window hinges Fensterbänder	Bisagras ventana Zawias okienny Cerniere
	Vijfpuntsluiting Fermeture à 5 points 5-Point lock Fünffachverriegelung	Cerradura de 5 puntos Zamek 5-punktowy Serratura a 5 punti di chiusura		Deurscharnieren 2-delig Paumelles porte 2-partite Door hinges 2-part Türbänder 2-teilig	Pernio puerta 2 palas Zawias drzwiowy 2-czesciowy Cerniera 2 ali
	Vijfpuntsluiting met rol Fermeture à 5 points à rouleau 5-Point lock with roller Fünffachverriegelung mit Rolle	Cerradura de 5 puntos con rodillo Zamek 5-punktowy z barylka Serratura a 5 punti di chiusura con rullino		Deurscharnieren 3-delig Paumelles porte 3-partite Door hinges 3-part Türbänder 3-teilig	Pernio puerta 3 palas Zawias drzwiowy 3-czesciowy Cerniera 3 ali
	Zespuntsluiting Fermeture à 6 points 6-Point lock Sechsfachverriegelung	Cerradura de 6 puntos Zamek 6-punktowy Serratura a 6 punti di chiusura		Afstandsbusen Pièces de distance Set of distance bushes Distanzbuchsen	Piezas distanciadoras Tuleje dystansowe Set distanziali
	Zevenpuntsluiting Fermeture à 7 points 7-Point lock Siebenfachverriegelung	Cerradura de 7 puntos Zamek 7-punktowy Serratura a 7 punti di chiusura		Geen afstandsbusen nodig Pas de pièces de distance No distance bushes needed Keine Distanzbuchse	No necesario piezas distanciadoras Brak konieczności stosowania tuleji dystansowych Senza distanziali
	Espagnoletslot Fermeture espagnolette Espagnolette Lock Treibriegelverschluss	Cierre ventana Zamek drzwiowy do blokady pionowej Serratura a spagnoletta		Inbraakwerende kogel Bille anti-vol Anti-burglar ball Einbruchhemmende Kugel	Bola proteccion antirobbo Kulka antywłamaniowa Antiscasso
	Cilinders Cylindres Cylinders Zylinder	Bombines Cylindry Cilindri		Dieveklauw Pêne anti-degondage Anti-lift pin Sicherheitsbolzen	Perno antielevador Bolec antywyzaniowy Antisollevarento
	Cylinderplaten Ecussons Cylinder covers PZ-Rosette	Escudos bombin Osłona wkładki bebenkowej Copertura cilindri		Kozjindorpelvoer Pivot de frein aerien Overhead closer Obentürschliesser	Muelle aereo Samozamykacz górny Chiudi porta sup.
	Slotpaden Gâches Receivers Schliessbleche	Gancho Gniazdo ryglia zamka Riscontri		Vloerveer Pivot de frein au sol Floor closer Bodentürschliesser	Muelle pavimento puerta Samozamykacz podłogowy Chiudi porta inf.
	Deursluiters Ferre-ports Door closer Türschliesser	Cierrapuertas Samozamykacz drzwiowy Chijdiporta			

	Eindstuk deurvleugel Pièce finale ouvr. porte End piece door vent Endkappe Türflügel	Tapeta hoja puerta Koncowka do skrzydła drzwiowego Terminale anta		Binnenbeglazingsdichting Joint à bourrer Inner glazing gasket Innenverglasungsdichtung	Junta de acristalado interior Uszczelka przyszybowa wewnętrzna Guarnizione del vetro interna
	Eindstukken bodemprofiel Pièces finales profilé de seuil End pieces floor profile Endkappe Schwelle	Piezas terminales perfil suelo Koncowki profilu podłogowego Terminale soglia		Buitenbeglazingsdichting Joint de vitrage extérieur Outer glazing gasket Aussenverglasungsdichtung	Junta de acristalado exterior Uszczelka przyszybowa zewnętrzna Guarnizione del vetro esterna
	Eindstukken Z-T deur Bouchon profilé porte Z-T End pieces Z-T door Endkappe Z-T Tür	Tapetas puerta Z-T Element koncowy Z-T drzwi Terminale profili porte Z e T		Buitenbeglazingsdichting Joint de vitrage extérieur Outer glazing gasket Aussenverglasungsdichtung	Junta de acristalado exterior Uszczelka przyszybowa zewnętrzna Guarnizione del vetro esterna
	Afdichtingen dorpels Profils latéral pour bavettes Sill end pieces Endstück für Wetterschenkel	Tapetas condensacion Koncowki do profili podokiennych Tappi soglia		Akoestische dichting Joint acoustique Acoustical seal gasket Flügelauflagsdichtung	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 stolpprofielen Bouchons double ouvrant End parts double casement profile Endkappe Stulpprofil	Tapetas perfil doble hoja Koncowka profilu ruchomego słupka Tappo inversione		Dilatatedichtingen Joints de dilatation Expansion gaskets Dehnungsdichtungen	Junta de dilatacion Uszczelka dyfuzyjna Guarnizione di espansione
	Koppelstuk Pièce de raccordement Connection piece Kopplungsstück	Pieza de union Element Łączący Accessori collegamento		Dichting Joint Gasket Dichtung	Junta Uszczelka Guarnizione
	Eindstukken voor stolpprofielen Bouchons pièce finale pour profilé double ouvrant End parts for double casement profiles Endkappen für Stulpprofile	Tapeta perfil doble hoja Koncowka profilu ruchomego słupka Tappi 2 ante		Dichting Joint Gasket Dichtung	Junta Uszczelka Guarnizione
				Afdichtingsstuk Pièce d'étanchéité Sealing piece Dichtstück	Pieza de sellado Element uszczelniający Accessorio per sigillatura
	Afdichting goot Fermeture gouttière End piece gutter Endkappe Rinne	Tapetas canal Koncowka rynny Terminale gronda		Opzwelende Dichting Joint Gonflant Swelling Gasket Schwellende Dichtung	Junta veranda Uszczelka do werandy Guarnizione espansione
	Eindstuk Pièce finale End piece Endkappe	Terminal Koncowka Terminale		Dichting veranda Joint véranda Gasket veranda Dichtung Wintergarten	Junta veranda Uszczelka do werandy Guarnizione veranda
	Stootplaat Arrêt vitrage toiture Glass panel stop Endstück Verglasung	Tope del panel de vidrio Ogranicznik wypełnienia Ferro x vetro		Borsteldichtingen Joints brosse Brushes Bürstendichtungen	Cepillos Szczotki Spazzole
	Veranda type 1 Veranda type 1 Veranda type 1 Veranda Typ 1	Veranda tipo 1 Weranda typu 1 Veranda tipo 1		Isolerend vulstuk Pièce de remplissage isolante Insulating filling piece Isolierendes Füllstück	Pieza de relleno aislante Wkładka izolacyjna Riempimento isolanta
	Paniekdeur Porte de panique Panic door Paniktür	Puerta antipánico Drzwi antypaniczne Porta antipanico		Einddichting Joint d'assemblage End gasket Enddichtung	Junta Uszczelka koncowa Angolo prestampato
	Diversen Divers Miscellaneous Diverse	Diversos Elementy uzupełniające Varie		Isolatie Isolant Insulation Isolation	Aislamiento Izolacja Isolante
	Klemstuk Clip Clip Federklemme	Clip Uchwyty Clip		Briefenkleppen Entrées de courrier Letter boxes Briefeinwurf	Buzones Skrzynka na listy Cassetta posta
	Nokbevestiging Fixation de la faîtière Fixation of the ridge Firstanschluss	Fijacion del resalte Element mocujący kalenicowy Fissaggio colmo		Automatische deurdichtingen Fermetures automatiques Automatic door latches Automatische Türdichtungen	Cierrapuertas automaticos Drzwiowa automat. opadająca listwa Dispositivo di chiusura soglia
				Variant Variante Variant Variante	Variante Wariant Variante



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

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



DRAAISCHUIFFRAAM
OUVRANT PROJETANT
SIDE-HUNG SLIDING WINDOW
DREHSCHIEBEFENSTER



Draaikip
Oscillo-battant
Turn and tilt
Drehkip

Oscilobatiente
Okno rozwierano-uchylne
Anta ribalta



Kipdraai
Battantes-ouvrantes
Tilt and turn
Kippdreh

Batiente oscilante
Okno uchylno-rozwierane
Anta ribalta inversa



Draairaam
Fenêtre ouvrante
Side-hung window
Drehfenster

Ventana practicable
Okno rozwierane
Battente



Stolpraam
Fenêtre double ouvrant
Double casement window
Stulp-Flügel Fenster

Ventana doble hoja
Okno rozwierane wuskrzydłowe
Finestra a 2 ante



Valraam
Fenêtre à soufflet
Bottom hung window
Kipp-Fenster

Ventana abatible
Okno uchylne
Wasistas



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

Funcionamiento a distancia
para ventana de techo
Mechanizm do dystansowego
uchylania okien
Wasistas con telecomando



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

Ventana apertura exterior
Okno otwierane na zewnątrz
Finestra ad apertura esterna



Verankeringen
Ancrages
Fixing lugs
Verankerungen

Anclajes
Kotwy
Ancoraggio



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

Ventana proyectante con compas
Okno wychylne na zewnątrz
Sporgere con frizioni



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

Bulones y cerraderos
Płytki i kolejki ryglujące
-



Tuimel- en taatsraam
Châssis pivotant
Pivot window
Schwingflügel

Ventana pivotante
Okno obrotowe
Bilico



Goot
Gouttière
Gutter
Rinne

Canal
Rynna
Gronda



Vouwdeur
Porte pliante
Folding door
Falttür

Puerta plegable
Drzwi harmonijkowe
Veranda libro



Dakvenster
Tabatière
Attic window
Dachfenster

Ventana de techo
Okno dachowe
Lucernario



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

Paralela
Uchylno-przesuwny
Scorrevole parallelo



Kunststof dakbedekking
Toiture synthétique
Synthetic roofing
Kunststoff Dachdeckung

Cubierta en material sintético
Wypełnienie poliwęglanem na dachy
Pannelo



Schuifraam
Fenêtre coulissante
Sliding window
Schiebefenster

Ventana corredera
Okno przesuwne
Scorrevole



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

Cinta autoadhesiva de dos caras
Biadesivo



Parallel opengaand raam
Fenêtre ouvrant parallèle
Parallel opening window
Parallelausstellfenster

Ventana proyectante paralela
Okno równoległe wysuwane na zewnątrz
Sporgere parallelo



Domotica
Domotique
Domotics
Domotik

Domótica
Domotica
-



Kipraam
Fenêtre battante
Tilt window
Kippfenster

Oscilo
Okno uchylne
Vasisdas



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

Perfiles alto aislamiento térmico
Profile o wysokiej izolacyjności
termicznej
Alto isolarento



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

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



Wielen
Galets
Rollers
Laufwagen

Ruletas
Wózki
Carrelli



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

Puerta apertura interior
Drzwi otw. do wewnątrz
Porta apertura interna



Regeltringels
Tringles de réglage
Adjustment rods
Regulierstange

Varilla de ajuste
Listwy regulacyjne
Astina



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

Puerta apertura exterior
Drzwi otw. na zewnątrz
Porta apertura esterna



Geleidingsplaat
Guide
Guide plate
Führung

Placa guia
Element naprowadzający
Guida

	Gereedschap Outillage Tool Werkzeug	Util Narzędzie Utensile		Hydropneumatische pers Presse hydropneumatique Hydropneumatic press Hydropneumatische Presse	Prensa neumática Prasa hydropneumatyczna Pressa idropneumatica
	Gereedschappen en machines voor ontwatering van kader Outillage et machinerie pour drainage dormant Tools and machinery for draining outer frame Werkzeuge und Maschinen für Entwässerung Blendrahmen	Utiles y maquinaria para el drenaje del marco Narzędzia i maszyny do drenazy oscieźnic Utensili e macchinari per il drenaggio del telaio		Zaagmachine Tronçonneuse Sawing machine Kreissäge	Maquina de corte Pila do ciec przestrzennych Macchina per taglio
	Gereedschappen en machines voor ontwatering van vleugel Outillage et machinerie pour drainage ouvrant Tools and machinery for draining vent Werkzeuge und Maschinen für Entwässerung Flügel	Utiles y maquinaria para el drenaje de la hoja Narzędzia i maszyny do drenazy skrzydeł Utensili e macchinari per il drenaggio dell'anta		Hoekenpers Sertisseuse Crimper Eckverbindungsmaschine	Ensambladora Zaciskarka naroży Cianfrinatrice
	Gereedschap voor lijminjectie Outillage pour encollage Tool for injection Werkzeug fuer Klebeinjektion	Descompresion Dekompresja Decompressione		Handmatrijs Matrice manuelle Manual punch tool Handstanzwerkzeug	Prensa manual Wykrojnik reczny 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	Descompresion Dekompresja Decompressione		Gereedschap voor lijminjectie Outillage pour encollage Tool for injection Werkzeug fuer Klebeinjektion	Util para inyeccion Narzędzie do wtrysku kleju Utensile colla
	Gereedschappen en machines voor T-verbinding Outillage et machinerie pour jonction-T Tools and machinery for T-brackets Werkzeuge und Maschinen für T-Verbinder	Descompresion Dekompresja Decompressione		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 T-verbinding Outillage et machinerie pour jonction-T Tools and machinery for T-brackets Werkzeuge und Maschinen für T-Verbinder	Descompresion Dekompresja Decompressione		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 T-verbinding Outillage et machinerie pour jonction-T Tools and machinery for T-brackets Werkzeuge und Maschinen für T-Verbinder	Descompresion Dekompresja Decompressione		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
	Gereedschappen en machines voor krukkitsparing 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		Klemblokken Blocs de serrage Clamping blocks Spannbacken	Bloques de presión Blokki zaciskowe Blocchetti di supporto
	Gereedschappen en machines voor krukkitsparing 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 krukkitsparing Outillage pour fermeture Tool for closure Werkzeug fuer Beschläge	Utiles y maquinaria para el cierre Narzędzia i maszyny do zamknięcia Utensili e macchinari per le chiusure
	Gereedschappen en machines voor krukkitsparing 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 krukkitsparing Outillage pour fermeture Tool for closure Werkzeug fuer Beschläge	Utiles y maquinaria para el cierre Narzędzia i maszyny do zamknięcia Utensili e macchinari per le chiusure
	Gereedschappen en machines voor krukkitsparing 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 krukkitsparing Outillage pour fermeture Tool for closure Werkzeug fuer Beschläge	Utiles y maquinaria para el cierre Narzędzia i maszyny do zamknięcia Utensili e macchinari per le chiusure
	Gereedschappen en machines voor krukkitsparing 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 krukkitsparing Outillage pour fermeture Tool for closure Werkzeug fuer Beschläge	Utiles y maquinaria para el cierre Narzędzia i maszyny do zamknięcia Utensili e macchinari per le chiusure
	Gereedschappen en machines voor krukkitsparing 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 krukkitsparing Outillage pour fermeture Tool for closure Werkzeug fuer Beschläge	Utiles y maquinaria para el cierre Narzędzia i maszyny do zamknięcia Utensili e macchinari per le chiusure
	Gereedschappen en machines voor krukkitsparing 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 krukkitsparing Outillage pour fermeture Tool for closure Werkzeug fuer Beschläge	Utiles y maquinaria para el cierre Narzędzia i maszyny do zamknięcia Utensili e macchinari per le chiusure
	Gereedschappen en machines voor krukkitsparing 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 krukkitsparing Outillage pour fermeture Tool for closure Werkzeug fuer Beschläge	Utiles y maquinaria para el cierre Narzędzia i maszyny do zamknięcia Utensili e macchinari per le chiusure
	Gereedschappen en machines voor krukkitsparing 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 krukkitsparing Outillage pour fermeture Tool for closure Werkzeug fuer Beschläge	Utiles y maquinaria para el cierre Narzędzia i maszyny do zamknięcia Utensili e macchinari per le chiusure
	Gereedschappen en machines voor krukkitsparing 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 krukkitsparing Outillage pour fermeture Tool for closure Werkzeug fuer Beschläge	Utiles y maquinaria para el cierre Narzędzia i maszyny do zamknięcia Utensili e macchinari per le chiusure

	Gereedschap voor dichtingen Outils pour joints Tool for gaskets Werkzeug für Dichtungen	Util para juntas Narzędzie do uszczelki Utensile guarnizioni		Pneumatische aandrijving Propulsion pneumatic Pneumatic drive Pneumatische Antrieb	Destornillador neumático Pneumatyczny napęd Cilindro pneumatica
	Gereedschap voor bevestiging wielen Outils pour fixation des roulettes Tool for fixation rollers Werkzeug für Befestigung Laufräder	Util para fijación de ruletas Narzędzie do montażu wózków Utensile carrelli		Ponsunit Unité d'étamper Punch unit Stanzeinheit	Punzon Wykrojnik Unità punzonatrice
	Gereedschap voor ontwatering vleugels Outils pour drainage ouvrants Tool for drainage vents Werkzeug für Entwässerung Flügel	Util para drenaje hoja Narzędzie do drenażu skrzydła Utensile drenaggio anta		Land Pays Country Land	Pais Kraj Nazione
	Uitfrezing voor inbouw bovenspeun in kozijn Fraisage pour encastrement gond supérieur dans la fenêtre Milling for building in upper pivot in window Ausfräsung für Einbau eines oberen Lagers im Rahmen	Fresado para pivotante en marco superior Frez do montażu górnego sworznia w oknie Lavorazioni super. finestra pivotante		Min. profiellengte Longueur min. de profilé Min. length of profile Min. Profillänge	Longitud mínima del perfil Minimalna długość profilu Lunghezza minima profilo
	Uitfrezing voor inbouw vloerspeun in vleugel Fraisage pour encastrement gond inférieur dans l'ouvrant Milling for building in floor pivot in vent Ausfräsung für Einbau eines Bodenlagers im Flügel	Fresado para pivotante en hoja inferior Frez do montażu dolnego sworznia w skrzydle Lavorazioni infer. finestra pivotante		Max. profiellengte Longueur max. de profilé Max. length of profile Max. Profillänge	Longitud máxima del perfil Maksymalna długość profilu Lunghezza max profilo
	Uitfrezing voor inbouw vloerspeun in vleugel Fraisage pour encastrement gond inférieur dans l'ouvrant Milling for building in floor pivot in vent Ausfräsung für Einbau eines Bodenlagers im Flügel	Fresado para pivotante en hoja inferior Frez do montażu dolnego sworznia w skrzydle Lavorazioni infer. finestra pivotante		Max. profielhoogte Hauteur max. de profilé Max. height of profiles Max. Profilhöhe	Altura máxima del perfil Maksymalna wysokość profilu Max altezza
	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 Lavorazioni super. finestra pivotante		Max. horizontale beweging Movement max. horizontale Max. horizontal movement Max. horizontale Versetzung	Movimiento horizontal máximo Maksymalny ruch poziomy Spostamento orizz. max
	Monteertafel Table de montage Assembly bench Montagetisch	Banco de montaje Stół montażowy Banco montaggio		Horizontaal hoekbereik Intervalle d'équerre horizontale Horizontal corner range Eckbereich Horizontal	Rango de corte a inglete horizontal Zakres katów poziomych Dimensione taglio orizz.
	Elektrische aansluiting Fixation électrique Electric connection Elektrisches Anschluss	Conexión eléctrica Połączenie elektryczne Connessione elettrica		Verticaal hoekbereik Intervalle d'équerre verticale Vertical corner range Eckbereich Vertikal	Rango de corte a inglete vertical Zakres katów pionowych Dimensione taglio vert.
	Motor Moteur Motor Antrieb	Motor Silownik napędowy Motore		Gewicht Poids Weight Gewicht	Pesos Ciężar Peso
	Compressor Compresseur Compressor Kompressor	Compresor Kompresor Compressore		Max. toerental Vitesse d'axe max. Max. spindle speed Max. Drehzahl	Velocidad de sierra Maksymalna prędkość obrotowa Velocità max lama
	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 Fissaggio meccanico			

B



Reynaers
Aluminium

Algemene informatie systemen

Généralités séries

General Information System

Allgemeine Information System

VERWERKINGSVOORSCHRIFTEN

I. ALGEMEEN

Zie catalogus "1.Algemene informatie" (089.C01E.00)

II. VERWERKINGSVOORSCHRIFTEN CS 59-Pa

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 afgesteld en afgeregeld zijn (bv. toerental).
- er regelmatig onderhoud en controle van het gereedschap uitgevoerd wordt conform de voorschriften van de machineleveranciers.
- het verspanende gereedschap correct en voldoende gesmeerd wordt:
 - smeerstick (art.nr. 086.9191.UN) voor zaagbladen
 - snijmiddel (art.nr. 086.9175.UN) voor ponsgereedschap
 - of de door de machineleveranciers voorgeschreven koel- en smeermiddelen;
- de correcte klemblokken worden gebruikt (zie montagetekeningen "*klemblokken*").
- de aan- en afvoertafel vrij zijn van spanen en verontreinigingen.
- eventuele koeling gebeurt met chemisch neutrale producten die de oppervlaktebehandeling niet aantasten.

Het verdient aanbeveling om spanen die ontstaan tijdens het verspanen af te zuigen. Alle zaagsneden die een verbinding vormen zoals: hoek- en T-verbindingen, dienen beschermd te worden met Reynaprotector (art.nr. 086.9207.SY+086.9225.-). Andere zaagsneden zoals: glaslatten, klemlijsten,... dienen beschermd te worden met Reynaers anti-corro (art.nr. 086.9606.-), alsook freessneden, boorgaten, ponsgaten,...

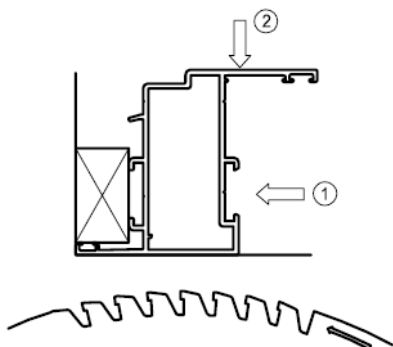
Voor het correct functioneren, het behalen van de performanties en de esthetiek van het eindproduct is het van groot belang dat de profielen binnen nauwe toleranties verzaagd worden. Indien er onenigheid zou bestaan over wat er onder acceptabele afwijkingen verstaan wordt kan men de richtlijnen van instanties als het Aluminium Center Belgium raadplegen.

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 verkrijgen. Bij het inklemmen dient rekening gehouden te worden met de beweegrichting van het zaagblad ten opzichte van het profiel (zie schema's hieronder). We onderscheiden primaire (1) en secundaire (2) klemming. Op de primaire klemming wordt de grootste druk uitgeoefend. De noodzaak van de secundaire klemming is afhankelijk van de exacte vormgeving van het profiel.

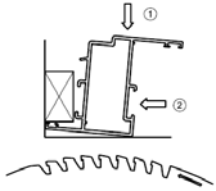
De klemblokken moeten gebruikt worden:

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



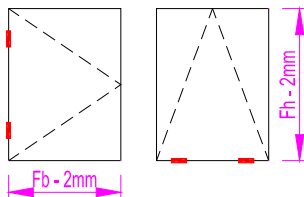
FOUTIEVE KLEMMING

- FOUT:** De primaire klemming drukt voorbij het kantelpunt van het profiel waardoor deze scheef komt te staan.
- GEVOLG:** Scheve zaagsnede: de buitenzijde is korter dan de binnenzijde.
- RESULTAAT:** Na het verbinden van de hoeken is het verstek aan de binnenzijde dicht maar is er aan de buitenzijde een opening zichtbaar.



BELANGRIJK BIJ HET VERZAGEN

Als je "Sobinco Chrono Safe" met zichtbare scharnieren gebruikt voor een vlugelmaat welke kleiner is dan 600mm, moet je de aanliggende profielen t.o.v. de scharnierzijde 2 mm inkorten in vergelijking met de standaard catalogus waarden.



II.1.2 Assemblage

Wij maken de volgende onderverdeling:

1. Ontwatering en uitsparingen voor het beslag;
2. T-verbindingen;
3. Hoekverbindingen;
 - Persen
 - Schroeven
4. Dichtingen

1.2.1 Ontwatering en uitsparingen voor het beslag

Stappen:

1. Aftekenen uitsparingen
2. Correct ponsen, boren of frezen
3. Beschermen van de bewerkte vlakken door:
 - ontbramen (indien noodzakelijk)
 - verwijderen van stof en zaagresten op de zaagsnede en in de profielkamer
 - ontvetten (Reyna finish 60 art.nr. 086.9210.-- of Reynaers safety clean 086.9231.--)
 - aanbrengen van Reynaers anti-corro (art.nr. 086.9606.--);

Aandachtspunten bij de ontwatering:

Eventueel binnendringend water moet vlot en gecontroleerd kunnen afgevoerd worden en de druk in de binnenkamers moet gelijk blijven aan die van de buitenlucht.

- Bij elk raam worden er ontwateringsopeningen voorzien met een maximale afstand tot de hoek van 250 mm. (voor specifieke ontwatering: zie montagetekeningen "ontwatering"):
 - 2 openingen tot raambreedte van 1000 mm
 - 3 openingen tot raambreedte van 1500 mm
 - enz... opgaand per 500 mm.
- Steeds op het laagste punt van de glassponning afwateren
- De minimale oppervlakte van deze ontwateringsopeningen bedraagt 50 mm² per opening, hetzij een ronde opening van minimum 8 mm diameter, hetzij langwerpige openingen van minimaal 5 mm bij 15 mm.
- Ontwateringsgaten die aan de buitenzijde van het raam zichtbaar zijn, worden afgedekt met kunststofkapjes.
- Alle raamtypes moeten voorzien zijn van een ontwateringssysteem in de onderregels en/of de horizontale T-profielen
- Bij elk raam worden er ontluchtingsopeningen voorzien (zie montagetekening "decompressie"). De functie hiervan is de drukegalisatie rond de beglazing te waarborgen.
- Bij een vast raam wordt centraal bovenaan de buitenbeglazingsdichting 50mm onderbroken.
- Bij opengaande delen worden aan weerszijden ontluchtingsgaten geboord van 5 mm, lateraal in de buitenschaal.

1.2.2 T-verbindingen

Stappen (zie montagetekening "T-verbinder"):

1. Correct zagen.
2. Uitsnijden T-profiel (hoogte 25mm)
3. Ponsen of boren van lijminjectie- ($\varnothing 4$) en bevestigingsgaten ($\varnothing 12,5$)
4. Beschermen van de zaagsneden en bewerkte vlakken door:
 - ontbramen (indien noodzakelijk)
 - verwijderen van stof en zaagresten op de zaagsnede en in de profielkamers;
 - ontvetten (Reynafinish 60 art.nr. 086.9210.-- of Reynaers safety clean 086.9231.--)
 - aanbrengen van Reynaprotector (art.nr. 086.9207.SY + 086.9225.--) op de zaagsneden/bevestigingsgaten en Reynaers anti-corro (art. no. 086.9606.--) op de zaag/freesneden.
5. Afdichten van de zone onder T-profiel op het kaderprofiel. Dit dient volledig waterdicht uitgevoerd te worden. Indien er een middendichting geplaatst wordt moet de rubbergroef vrij gehouden worden van dichtingsmiddel.
6. Verbinding tot stand brengen: de T-verbinder voor de binnenschaal wordt gepositioneerd op centerlijn en vastgeschroefd (inbus 4mm) totdat de profielwand van het aansluitende profiel doorboord is. Het T-profiel wordt hierover aangebracht en gefixeerd d.m.v. een schroef.
7. De verbinders voor de buitenschaal worden ingelegd en vastgedraaid (inbus 4mm). Hierbij dient de ene zijde tegengehouden te worden terwijl de andere zijde aangedraaid wordt.

1.2.3 Hoekverbindingen

1.2.3.1 Persen

1. Correct zagen.
2. Beschermen en afdichten van de zaagsneden en bewerkte vlakken door:
 - ontbramen (indien noodzakelijk);
 - verwijderen van stof en zaagresten op de zaagsnede en in de profielkamer;
 - ontvetten (Reynafinish 60 art.nr. 086.9210.-- of Reynaers safety clean 086.9231.--)
 - aanbrengen van Reynaprotector (art.nr. 086.9207.SY + 086.9225.--) op zaag/freesneden.
3. Verlijmen in profielkamer: aanbrengen van een goedgekeurde dichtingslijm (Reynaseal Duo art.nr. 084.9080.--)
4. Aanbrengen pershoeken en steunhoeken (zie montagetekening "steunhoeken")
5. Verbinding tot stand brengen en persen (zie montagetekening "hoekenpers")
6. Overtollige resten van lijm en dichtingsmiddel dienen verwijderd te worden en de zichtvlakken gereinigd met een niet-agressief middel (Reynafinish 60 art.nr. 086.9210.-- of Reynaers safety clean 086.9231.--).

1.2.3.2 Schroeven

Stappen (zie montagetekening "hoekverbinding"): lijmapplicatie voor schroeven

1. Correct zagen.
2. Ponsen of boren van schroefgaten ($\varnothing 12\text{mm}$) aan beide uiteinden van de te verbinden profielen.
3. Beschermen en afdichten van de zaagsneden en bewerkte vlakken door:
 - ontbramen (indien noodzakelijk);
 - verwijderen van stof en zaagresten op de zaagsnede en in de profielkamer;
 - ontvetten (Reynafinish 60 art.nr. 086.9210.-- of Reynaers safety clean 086.9231.--);
 - aanbrengen van Reynaprotector (art.nr. 086.9207.SY + 086.9225.--) op de zaagsneden en Reynaers anti-corro (art.nr. 086.9606.--) op de freesneden.
4. Verlijmen in profielkamer: aanbrengen van een goedgekeurde dichtingslijm (Reynaseal Duo art.nr. 084.9080.--)
5. Aanbrengen schroefhoek, nagelhoek en steunhoeken (zie montagetekening "steunhoeken")
6. Verbinding tot stand brengen: schroeven aandraaien en vervolgens (indien van toepassing) nagels inkloppen.
7. Overtollige resten van lijm en dichtingsmiddel dienen verwijderd te worden en de zichtvlakken gereinigd met een niet-agressief middel (Reynafinish 60 art.nr. 086.9210.-- of Reynaers safety clean 086.9231.--).

1.2.4 Dichtingen

1.2.4.1 Het aanbrengen van de middendichting (EPDM)

Stappen: (zie montagetekening “middendichting”)

1. Correct versnijden: het versnijden van de middendichting dient correct te gebeuren.
2. Benodigde overlengte (ca 10 mm per meter) dient voorzien te worden.
3. Aanbrengen dichting: de dichtingen worden aangebracht in de daarvoor voorziene groeven van de profielen. De overlengte wordt lichtjes opgestuikt om krimp op te vangen. Het aanbrengen kan vereenvoudigd worden met behulp van siliconenspray (art.nr. 086.9551.--).
4. Verlijmen (afdichten): de snedes dienen ontvet te worden met Reynears Safety Clean (art.nr. 086.9231.--) en Reynaers primer seal & bond special (086.9232.--) en de verstekken dienen verlijmd te worden met vulkaniseerlijm Reynafix (art.nr. 084.9108.--). Doordat de verbinding elastisch blijft, sluit de dichting ook in de hoeken perfect aan.

1.2.4.3 Het aanbrengen van de akoestische dichting

Stappen: (zie montagetekening “dichting”)

1. Correct versnijden: het versnijden van de akoestische dichting dient met een dichtingschaar (art.nr. 090.0121.00) te gebeuren. Deze dichting dient recht versneden te worden en door te lopen in de hoeken (kleine insnijding in de hoeken zorgen voor een vlotte buiging). 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 krimp op te vangen. Het aanbrengen kan vereenvoudigd worden met behulp van siliconenspray (art.nr. 086.9551.--).
3. Verlijmen (afdichten): de snedes dienen ontvet te worden met Reynears Safety Clean (art.nr. 086.9231.--) en Reynaers primer seal & bond special (086.9232.--) en de aansluitingen dienen verlijmd te worden met vulkaniseerlijm Reynafix (art.nr. 084.9108.--) of daarvoor geschikte secondenlijm (art.nr. 084.9107.--). Doordat de verbinding elastisch blijft, sluit de dichting ook in de hoeken perfect aan.
4. Ter hoogte van zichtbare scharnieren dient de dichting uitgesneden te worden.

1.2.4.4 Het aanbrengen van de beglazingsdichting

Stappen: (zie montagetekening “dichting”)

1. Correct versnijden: het versnijden van de beglazingsdichting dient met een dichtingschaar (art.nr. 090.0121.00) te gebeuren. De dichting dient recht versneden te worden.
2. Aanbrengen dichting: de dichtingen worden aangebracht in de daarvoor voorziene groeven van de profielen. De verticalen dienen stuitend aan te sluiten op de horizontalen. De overlengte wordt lichtjes opgestuikt om krimp op te vangen. Het aanbrengen kan vereenvoudigd worden met behulp van siliconenspray (art.nr. 086.9551.--).
3. Verlijmen (afdichten): de snedes dienen ontvet te worden met Reynears Safety Clean (art.nr. 086.9231.--) en Reynaers primer seal & bond special (086.9232.--) en de aansluitingen dienen verlijmd te worden met vulkaniseerlijm Reynafix (art.nr. 084.9108.--) of daarvoor geschikte secondenlijm (art.nr. 084.9107.--). Doordat de verbinding elastisch blijft, sluit de dichting ook in de hoeken perfect aan.

II.2 MONTAGEVOORSCHRIFTEN

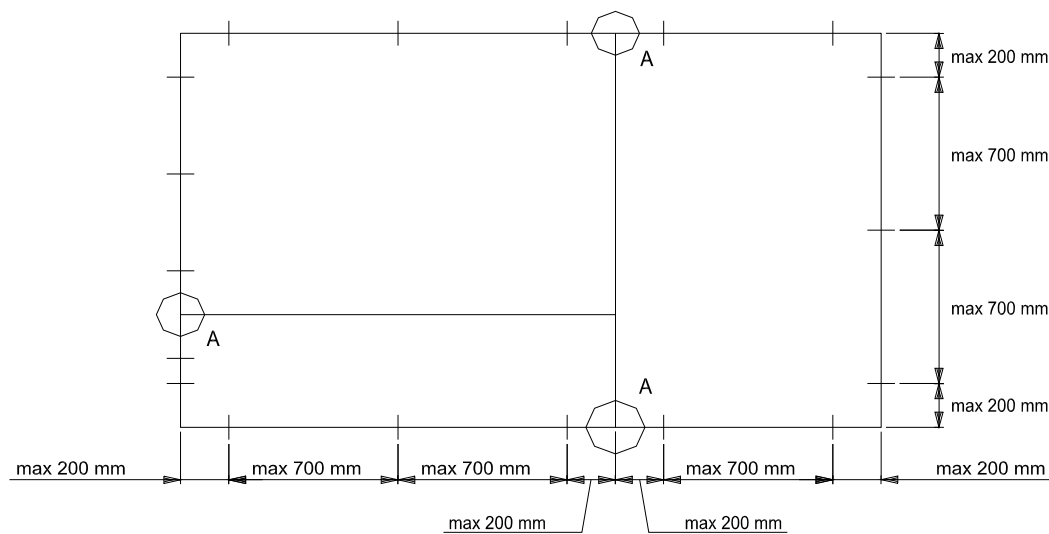
II.2.1 Stockage

De stockage van onafgewerkte of afgewerkte elementen dient steeds in een droge, vorstvrije ruimte te gebeuren

II.2.2 Inbouw in de ruwbouw

De bevestiging aan de ruwbouw gebeurt ofwel rechtstreeks door de sponning van de profielen met roestvrij stalen afstandsschroeven, ofwel met behulp van bevestigingsankers (zie catalogus "Reynaconnect").

- De bevestigingen mogen niet minder dan 40 mm van de rand van de ruwbouw worden aangebracht.
- De verankering mag geenszins het draagvermogen van de aangrenzende bouwonderdelen beïnvloeden.
- Alle verankeringen, voor zover niet uit aluminium of roestvrij staal, dienen afdoende tegen corrosie te zijn beschermd en mogen zelf ook geen aantasting van het aluminium veroorzaken.
- Bij de plaatsing van de ramen worden er voldoende bevestigingen voorzien:



Er dienen per zijde minimaal 2 bevestigingen aangebracht te worden met een maximale afstand tot de hoek van 200 mm.

- De afstand van de bevestigingen onderling bedraagt maximaal 700 mm.
- Op de plaatsen waar een tussenregel of tussenstijl op de zijstijl, boven- of onderregel aansluit moet de verankering op maximum 200 mm naast de stijl- of regelaansluiting worden aangebracht (A). Hierdoor wordt bereikt dat de tussenregel en de tussenstijl een lengteverandering (ten gevolge van temperatuurverandering) zonder schade kunnen ondergaan.
- Aan te raden is de bevestigingen te positioneren ter hoogte van ieder scharnier- en sluitpunt.

Opmerking:

De verankeringen dienen dusdanig aangebracht te worden dat ze eventuele zettingen van het raam kunnen opvangen.

II.2.2 Inbouw van het beslag

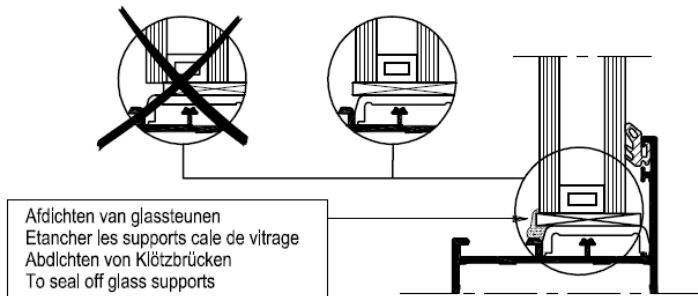
Keuze van bevestigingspunten, aantal sluitpunten, aantal scharnieren, max. vleugelgewicht, max. vleugelafmetingen, toegepast vleugelprofiel e.a. dient te gebeuren volgens de richtlijnen in systeem- en beslagcatalogus. Glijdende en bewegende delen zijn van neutraal vet te voorzien. Bij montage dient men te controleren of het beslag soepel en zonder hapering te bedienen is.

II.3 BEGLAZING

Al onze systemen zijn ontworpen voor beglazing met EPDM-rubbers of neutrale siliconenkit. Bij siliconenbeglazing dient een rugvulling aangebracht te worden om een correcte opening tussen het glaspaneel en het aluminiumkader te creëren. Wij raden u aan onze speciaal ontwikkelde beglazingsrubbers te gebruiken. De beglazing hiermee zal vlotter en betrouwbaar verlopen, duurzamer zijn in de tijd, en beschadigde glaspanelen zullen gemakkelijker vervangen kunnen worden.

Bij de beglazing dient rekening te worden gehouden met volgende punten:

- Het te plaatsen glas voldoet aan lokaal geldende normen.
- De beglazingsdichting dient opgestuikt en afgedicht te zijn om te voorkomen dat er ten gevolge van krimp openingen ontstaan in de hoeken.
- Siliconenbeglazing is niet compatibel met coatex lak.
- De glassponning dient ontwaterd te zijn. Dit is ook noodzakelijk bij siliconenbeglazing (zie montagetekening "ontwatering").
- Voor het plaatsen van het glas dient rekening te worden gehouden met een speling van minimum 12 mm op het aluminiumraam (6 mm per zijde).
- Indien de afstandhouder van het glas niet volledig afgedekt wordt dient de randafdichting UV-bestendig te zijn.
- Geen enkel glaspaneel mag rechtstreeks in contact komen met aluminium zonder tussenplaatsing van beglazingsblokjes of een rubberdichting.
- Glassteunen worden toegepast om de bodem van de sponning te effenen. Hierop worden beglazingsblokjes geplaatst. Deze dienen voldoende sterk te zijn om het gewicht van het glas te dragen en iedere afzonderlijke glasplaat te ondersteunen.
- De glassteunen die zich aan de onderzijde van het glaspaneel bevinden, dienen afgedicht te worden (zie tekening hieronder)



Montage van de beglazing

De positie van de beglazingsblokjes wordt bepaald door de norm STS 38. We onderscheiden 2 types beglazingsblokjes:

Steunblokjes



Stelblokjes

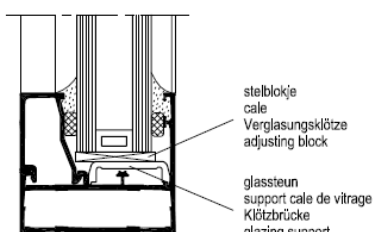
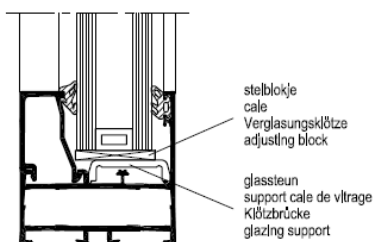


C1: steunblokjes

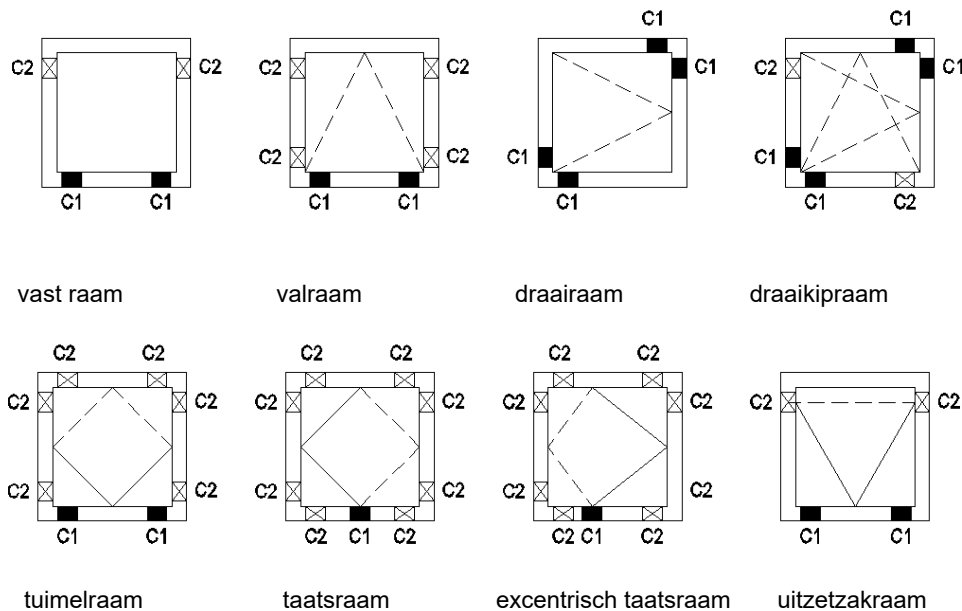
Deze steunblokjes brengen het gewicht van het glas over op de vleugel of het raamkozijn. Correcte plaatsing is van belang om een goede werking van het raam te garanderen. Ze dienen geplaatst te worden met behulp van specifiek daarvoor bedoeld gereedschap.

C2: stelblokjes

Deze blokjes verzekeren de positie van het glas in de sponning. Ze worden aangebracht zonder te forceren.



De volgende schema's geven de vereiste positie van de beglazingsblokjes in de verschillende raamtypes weer.



Bij een vast raam brengt men de ondersteuning aan in de hoeken van de onderregel om te voorkomen dat deze gaat doorbuigen onder het gewicht van het glas.

Bij draai- en draaikipramen wordt het glas diagonaal opgespied van de scharnieronderhoek naar de tegenoverliggende hoek bovenaan. Hiermee wordt het gewicht van het glas op de juiste wijze afgedragen zodat vervorming van de raamvleugel wordt voorkomen. Bij het opspieën dient men te controleren of de raamvleugel gecentreerd gepositioneerd is ten opzichte van het kader. Nadat de raamvleugel correct opgespied is kunnen de stelblokjes (indien van toepassing) bijgeplaatst worden alvorens de glaslatten aangebracht worden.

RECOMMANDATIONS DE MISE EN OEUVRE

I. GENERAL

Voir catalogue "1. Informations générales" (089.C01E.00)

II. RECOMMANDATIONS DE MISE EN OEUVRE CS 59-Pa

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 et ajustées (p.ex. régime).
- l'outillage soit régulièrement entretenu et contrôlé conformément aux préconisations des fournisseurs de machines.
- les outils d'usinage soient correctement et suffisamment graissés:
 - bâton lubrifiant (art.n° 086.9191.UN) pour lames de scie;
 - huile de coupe (art.n° 086.9175.UN) pour outils de poinçonnage
 - ou les réfrigérants et lubrifiants prescrits par les fournisseurs des machines;
- les mors de serrage corrects soient utilisés (voir détails de fabrication « blocs de serrage »).
- la table d'aménée ou d'évacuation soit exempte de copeaux et de souillures;
- le refroidissement éventuel se fasse à l'aide de produits chimiquement neutres qui ne corrodent pas le traitement de surface.

Il est recommandé d'aspirer les copeaux produits par les opérations d'usinage. Toutes les coupes des profilés qui forment une jonction comme les équerres d'assemblage angulaires et les jonctions en T doivent être protégées à l'aide de Reynaprotector (art. n° 086.9207.SY + 086.9225.--). Toutes les autres coupes (comme parclozes, fixations...) doivent être protégées à l'aide de Reynaers anti-corro (art.n°086.9606.--) ainsi que les fraisages, trous d'alésage, perforations...

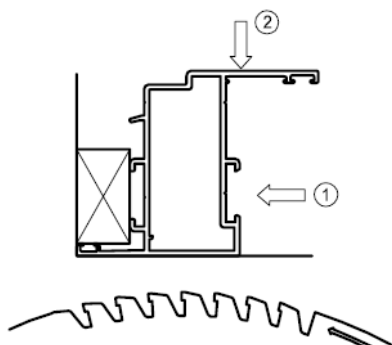
Dans un souci de bon fonctionnement, de performance et d'esthétique du produit fini, il est très important de tronçonner les profilés dans des tolérances étroites. En cas d'incertitude quant à ce qu'il faut entendre par tolérances acceptables, on consultera les directives d'organismes tels que Aluminium Center Belgium.

Position/serrage des profilés pendant le tronçonnage:

La position des profilés sur la table de sciage pendant le tronçonnage est très importante pour obtenir des onglets parfaits. Le serrage doit tenir compte du sens du mouvement de la scie par rapport au profilé (voir le schéma ci-dessous). Nous distinguons le serrage primaire (1) et le serrage secondaire (2). Le serrage primaire correspond à la plus forte pression. Quant à la nécessité d'un serrage secondaire, elle dépend de la forme exacte du profilé.

Les mors de serrage doivent être utilisés:

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



MAUVAIS SERRAGE

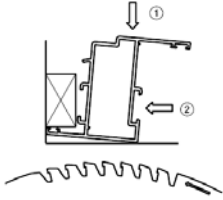
DÉFAUT :

CONSEQUENCE :

RÉSULTAT :

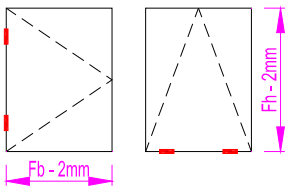
Le serrage primaire appuie au-delà du point de basculement du profilé, qui se retrouve de biais. Tronçonnage en biais : le côté extérieur est plus court que le côté intérieur.

Après sertissage, l'assemblage sur la face intérieure est fermé, tandis qu'à l'extérieur, l'onglet s'est ouvert.



IMPORTANT LORS DU SCIAGE

Si vous utilisez "Sobinco Chrono Safe" avec des charnières visibles pour une dimension d'ouvrant inférieur à 600mm, vous devez raccourcir les profiles adjacentes par rapport au côté de la charnière de 2 mm, par rapport aux valeurs du catalogue normal.



II.1.2 Assemblage

Nous distinguons les opérations suivantes:

1. Drainage et découpes pour les accessoires ;
2. Assemblages en T ;
3. Raccords d'angle ;
 - À sertir
 - À visser
4. Joints

1.2.1. Drainage et découpes pour les accessoires

Étapes:

1. Marquer les découpes.
2. Poinçonnage, forage ou fraisage correct.
3. Protection des surfaces traitées par:
 - ébavurage (si nécessaire);
 - enlèvement des poussières et des copeaux sur les scies et dans la chambre du profilé.
 - dégraissage (Reynafinish 60 art.nr. 086.9210.-- ou Reynaers safety clean 086.9231.--);
 - application de Reynaers anti-corro (art. no. 086.9606.--).

Lors du drainage, il faut prêter attention aux points suivants:

Les eaux d'infiltration éventuelles doivent être évacués de façon rapide et contrôlée vers l'extérieur et il faut maintenir la chambre de décompression à la pression atmosphérique.

- Pour chaque fenêtre, des ouvertures de drainage sont prévues à une distance maximale de l'angle de 250 mm (en cas de drainage spécifique: voir détails de fabrication 'drainage')
 - ouvertures jusqu'à une largeur de fenêtre 1000 mm
 - ouvertures jusqu'à une largeur de fenêtre 1500 mm
 - etc... une ouverture en plus par 500 mm supplémentaires en largeur.
- Il faut toujours drainer au niveau du point le plus bas de la feuillure de vitrage.
- La surface minimale de ces ouvertures est de 50 mm² par ouverture, soit sous forme d'une ouverture ronde avec un diamètre minimal de 8 mm, soit sous forme d'une ouverture ovale de 5 mm x 15 mm au minimum.
- Les ouvertures de drainage qui sont visibles de l'extérieur de la fenêtre doivent recevoir des capuchons en matière synthétique.
- Les fenêtres, quel que soit leur type, doivent obligatoirement être drainées au niveau des traverses basses et intermédiaires..
- Chaque fenêtre doit être prévue de trous d'aération (voir détails de fabrication 'decompression'). Sa fonction est de garantir l'égalisation de la pression autour du vitrage.
- En cas d'une fenêtre fixe le joint de vitrage extérieur est interrompu en haut sur une longueur de 50mm.

- Sur les parties ouvrantes, on fore des deux côtés des trous de purge d'air de 5 mm, latéralement dans la coque extérieure.

1.2.2 Assemblages en T

Étapes (voir détails de fabrication « *assemblage en T* ») :

1. Tronçonner correctement.
2. Fraiser le profilé en T (hauteur 25mm)
3. Poinçonner ou forer les trous de fixation (Ø12 mm)
4. Protection des coupes et des surfaces traitées par :
 - ébavurage (si nécessaire)
 - enlèvement des poussières et des copeaux sur les sciages et dans la chambre du profilé ;
 - dégraissage (Reynafinish 60 art.nr. 086.9210.-- ou Reynaers safety clean 086.9231.--)
 - application de Reynaprotector (art.n° 086.9207.SY + 086.9225.--) sur les sciages/trous de fixation et de Reynaers anti-corro (art. no. 086.9606.--) sur les sciages/fraisages.
5. Étanchement de la zone sous la traverse sur le profil et dormant. L'étanchéité à l'eau doit être parfaite. Si un joint central est appliqué, la rainure du caoutchouc doit être exempte de produit de joint.
6. Raccorder : le raccord en T de la coque intérieure se positionne sur la ligne centrale. On le visse ensuite (clé Allen 4mm) jusqu'à ce que la paroi du profilé adjacent soit percée. La traverse est posée par-dessus et fixée avec la vis.
7. Les raccords de la coque extérieure sont insérés et fixés (clé hexagonale 4mm). Il faut pour cela maintenir un côté tandis que l'on tourne l'autre côté.

1.2.3 Raccords d'angle

1.2.3.1 À sertir

Étapes (voir détails de fabrication « *raccord d'angle* ») : application de colle avant sertissage

1. Tronçonner correctement.
2. Protection et étanchement des coupes et des surfaces traitées par :
 - ébavurage (si nécessaire) ;
 - enlèvement des poussières et des copeaux sur les sciages et dans la chambre du profilé ;
 - dégraissage (Reynafinish 60 art.nr. 086.9210.-- ou Reynaers safety clean 086.9231.--)
 - application de Reynaprotector (art. n° 086.9207.SY + 086.9225.--) sur les sciages/fraisages.
3. Encollage dans la chambre du profilé : application d'une colle d'étanchéité approuvée (Reynaseal Duo art. n° 084.9080.-)
4. Poser les équerres de sertissage et de soutien (voir détails de fabrication « *équerres de soutien* »)
5. Raccorder et sertir (voir détails de fabrication « *équerres à sertir* »)
6. Les résidus de colle et de joint doivent être éliminés. On nettoiera aussi les surfaces visibles avec un produit non agressif (Reynafinish 60 art.nr. 086.9210.-- ou Reynaers safety clean 086.9231.--).

1.2.3.2 À visser

Étapes (voir détails de fabrication « *raccord d'angle* ») : application de colle avant vissage

1. Tronçonner correctement.
2. Poinçonner ou forer les trous de vis (Ø12mm) aux deux extrémités des profilés à relier.
3. Protection et étanchement des coupes et des surfaces traitées par :
 - ébavurage (si nécessaire) ;
 - enlèvement des poussières et des copeaux sur les sciages et dans la chambre du profilé ;
 - dégraissage (Reynafinish 60 art.nr. 086.9210.-- ou Reynaers safety clean 086.9231.--);
 - application de Reynaprotector (art. n° 086.9207.SY + 086.9225.--) sur les sciages et de Reynaers anti-corro (art. n° 086.9606.--) sur les fraisages.
4. Encollage dans la chambre du profilé: application d'une colle d'étanchéité approuvée (Reynaseal Duo art.n° 084.9080.-)
5. Poser l'équerre à visser, l'équerre à clouer et les équerres de soutien (voir détails de fabrication « *équerres de soutien* »)
6. Raccorder : serrer les vis puis (le cas échéant) enfoncer les clous.
7. Les résidus de colle et de joint doivent être éliminés. On nettoiera aussi les surfaces visibles avec un produit non agressif (Reynafinish 60 art.nr. 086.9210.-- ou Reynaers safety clean 086.9231.--).

1.2.4 Joints

1.2.4.1 Application du joint central (EPDM)

Étapes (voir détails de fabrication « *joint central* »)

1. Découpe le joint central correcte.
2. Prévoir une longueur supplémentaire (env. 10 mm par mètre).
3. Application du joint : les joints sont appliqués dans les rainures des profilés prévues à cet effet. La longueur supplémentaire est légèrement refoulée pour neutraliser le rétrécissement. L'utilisation d'un aérosol silicone (art. n° 086.9551.--) peut simplifier l'application.
4. Encollage (étanchéité) : dégraisser les coupes au Reynaers Safety Clean (art. n° 086.9231.--) et Reynaers primer seal & bond special (086.9232.--). Coller les onglets à la colle de vulcanisation Reynafix (art. n° 084.9108.--) ou avec une colle instantanée adéquate (art. n° 084.9107.--). La liaison restant élastique, le joint s'ajuste parfaitement même dans les angles.

1.2.4.3 Application du joint acoustique

Étapes : (voir détails de fabrication « *joints* »)

1. Découpe correcte : couper le joint acoustique avec une cisaille à joint (art. n° 090.0121.00). Le joint se coupe droit et doit être continu dans les coins (une petite incision au niveau des coins facilite la flexion). Prévoir une longueur supplémentaire (env. 10 mm par mètre).
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 le rétrécissement. L'utilisation d'un aérosol silicone (art. n° 086.9551.--) peut simplifier l'application.
3. Encollage (étanchéité) : dégraisser les coupes au Reynaers Safety Clean (art. n° 086.9231.--) et au Reynaers primer seal & bond special (086.9232.--). Coller les raccords avec de la colle de vulcanisation Reynafix (art.nr. 084.9107.SY) ou une colle instantanée adéquate (art. n° 084.9107.--). La liaison restant élastique, le joint s'ajuste parfaitement même dans les angles.
4. Découper le joint à hauteur des charnières visibles.

1.2.4.4 Application du joint de vitrage

Étapes : (voir détails de fabrication « *joints* »)

1. Découpe correcte : couper le joint de filtrage avec une cisaille à joint (art. n° 090.0121.00). Le joint doit se couper droit.
2. Application du joint : les joints sont appliqués dans les rainures des profilés prévues à cet effet. Les choix verticaux et horizontaux sont raccordés en about. La longueur supplémentaire est légèrement refoulée pour neutraliser le rétrécissement. L'utilisation d'un aérosol silicone (art. n° 086.9551.--) peut simplifier l'application.
3. Encollage (étanchéité) : dégraisser les coupes au Reynaers Safety Clean (art. n° 086.9231.--) et au Reynaers primer seal & bond special (086.9232.--). Coller les raccords avec de la colle de vulcanisation Reynafix (art.nr. 084.9108.--) ou une colle instantanée adéquate (art. n° 084.9107.--). La liaison restant élastique, le joint s'ajuste parfaitement même dans les angles.

I.2 RECOMMANDATIONS DE MONTAGE

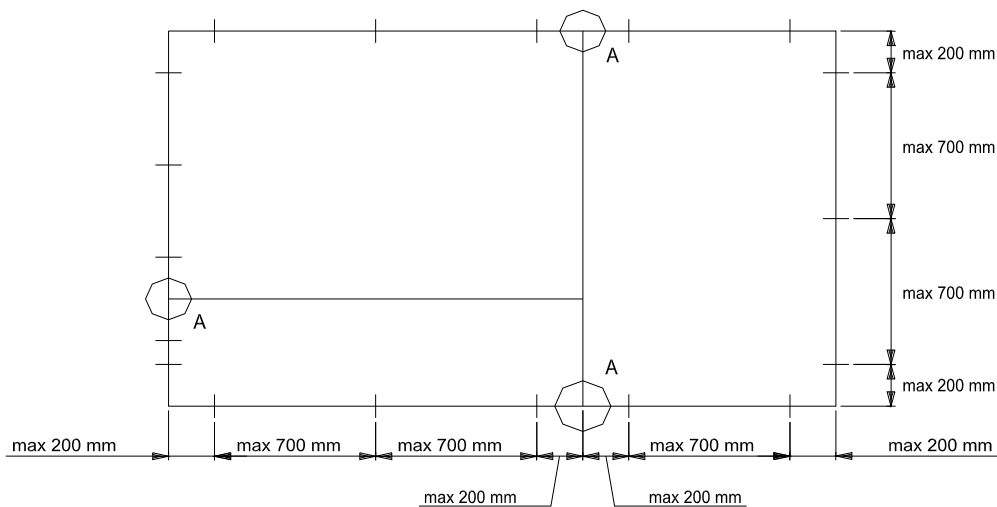
II.2.1 Stockage

Les éléments non finis et finis doivent seulement être stockés dans un local sec, à l'abri du gel.

II.2.2 Montage dans le gros œuvre

La fixation au gros-œuvre se fait directement à travers les profilés avec des vis d'écartement en inox ou avec des ancrages de fixation (voir catalogue « Reynaconnect »).

- Les fixations ne peuvent pas être appliquées à une distance inférieure à 40 mm du bord du mur du gros œuvre.
- L'ancrage ne peut surtout pas influencer la force portante des éléments de construction contigus.
- Tous les ancrages, pour autant qu'ils ne soient pas en aluminium ou en acier inoxydable, doivent être efficacement protégés contre la corrosion et ne peuvent pas corroder l'aluminium.
- Lors de la pose des fenêtres, on prévoit des fixations en suffisance:



Par côté, il faut au moins 2 fixations. La distance entre la dernière fixation et l'angle ne peut dépasser 200 mm.

- La distance entre les fixations est de 700 mm au maximum.
- A l'endroit où des profilés T et des profilés dormants se rencontrent, l'ancrage doit être appliqué à une distance maximale de 200 mm des deux côtés du profilé T (A). De cette façon, une dilatation ou un rétrécissement du profilé T (dus aux fluctuations de température) sont possibles sans dégâts.
- Il est conseillé de positionner les fixations à la hauteur de chaque point de charnière et de fermeture.
- Remarque:
- Les ancrages doivent être appliqués d'une telle façon qu'ils peuvent neutraliser des dilatations/rétrécissements éventuels de la fenêtre.

II.2.3 Montage des accessoires

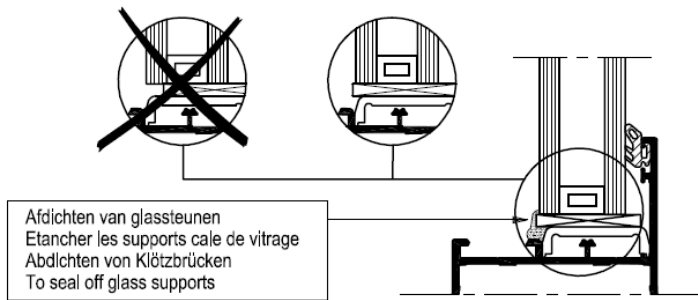
Le choix des points de fixation, du nombre de points de fermeture, du nombre de charnières, du poids maxi. de l'ouvrant, des dimensions maxi. de l'ouvrant, du profilé de l'ouvrant, etc., respectera les préconisations du catalogue de systèmes et d'accessoires. Les éléments coulissants et mobiles seront lubrifiés à la graisse naturelle. Au montage, on s'assurera que les accessoires fonctionnent avec fluidité et sans à-coups.

II.3 VITRAGE

Tous nos systèmes sont conçus pour vitrer à l'aide de joints EPDM ou de silicone neutre. En cas d'utilisation d'un joint au silicone, l'usage d'un fond de joint constitué d'un joint-mousse compressible autocollant est recommandé pour maintenir un espace libre suffisant entre le verre et l'aluminium. Nous vous recommandons d'utiliser notre système de joints de vitrage pour des raisons de facilité et fiabilité de mise en œuvre, de bonne tenue dans le temps et de simplicité dans le remplacement de volumes verriers.

Le vitrage devra se faire en respectant les points suivants:

- Le vitrage respectera les normes en vigueur localement.
- Le joint de vitrage doit être refoulé et comblé pour éviter que des ouvertures apparaissent aux angles à cause du rétrécissement.
- Vitrage en silicone n'est pas compatible avec coatex laque.
- La feuillure doit être drainée. Il en va de même pour un vitrage en silicone (voir détails de fabrication « drainage »).
- À la pose du vitrage, on ménagera un jeu minimum de 12 mm avec le châssis en aluminium (6 mm par côté).
- Si l'entretoise du vitrage n'est pas entièrement recouverte le mastic doit être résistant aux UV.
- Aucun volume verrier ne peut être directement en contact avec l'aluminium. La pose de cales de vitrage ou d'un joint est indispensable.
- Des supports de vitrage sont posés pour égaliser le fond de la feuillure. Les cales de vitrage sont posées sur ces supports. Elles doivent être suffisamment solides pour supporter le poids du verre et de chaque feuillure individuelle.
- Les supports de vitrage placé au bas de la feuillure doivent recevoir un joint (voir schéma ci-dessous)



Assemblage du vitrage

La position des cales de vitrage est déterminée par la norme STS 38. Nous distinguons 2 types de cales vitrage :

Cales de support ■

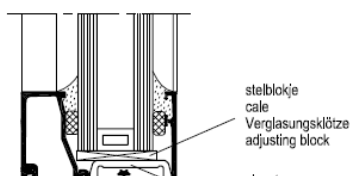
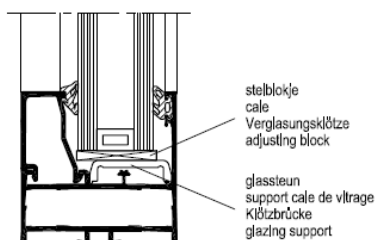
Cales d'ajustement ☒

C1 : cales de support

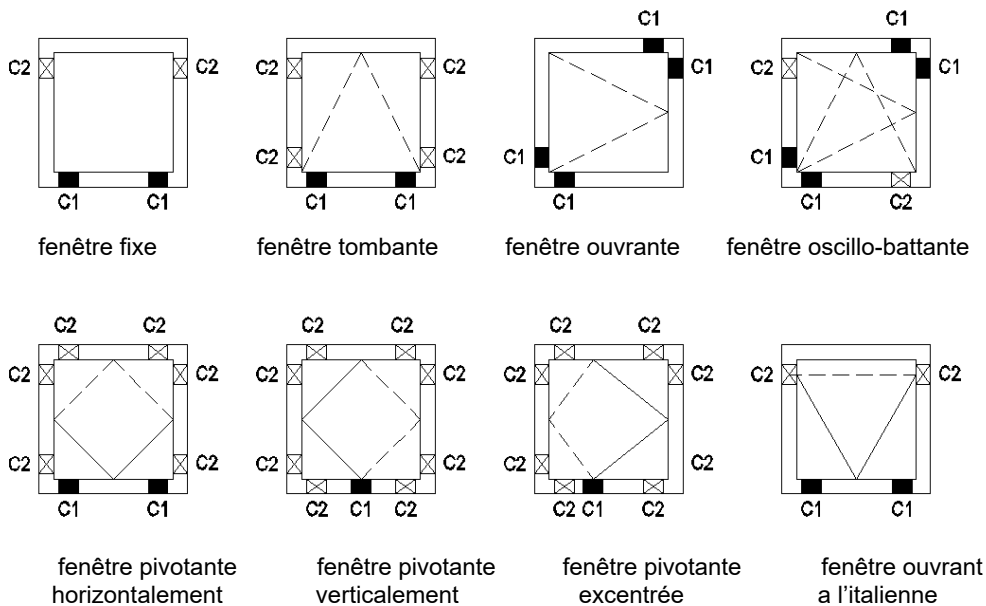
Ces cales transmettent le poids du verre à l'ouvrant ou à l'allège. Leur pose correcte est essentielle au bon fonctionnement de la fenêtre. Elles doivent être mises en place à l'aide des outils spécifiquement prévus à cet effet.

C2 : cales d'ajustement

Ces cales garantissent le positionnement du verre par rapport à la feuillure. Elles sont appliquées sans forcer.



Les schémas suivants illustrent la position requise des cales de vitrage dans les différents types de fenêtre.



En cas de vitrage fixe, on applique les supports dans les angles de la traverse basse pour empêcher que celle-ci ne plie sous le poids du verre.

En cas de fenêtre ouvrante et oscillo-battante, le verre est calé diagonalement de l'angle inférieur de la charnière à l'angle supérieur opposé. Cela permet de supporter correctement le poids du verre et de prévenir ainsi toute déformation de l'ouvrant. Au calage, il convient de contrôler si l'ouvrant est correctement centré par rapport à l'allège. Après le calage correct de l'ouvrant, on peut ajouter des cales d'ajustement (le cas échéant) avant de poser les parclozes.

B

PROCESSING DATA

I. GENERAL

See catalogue "1.General information" (089.C01E.00)

II. PROCESSING DATA CS 59-Pa

II.1 FABRICATING INSTRUCTIONS

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 regulated and adjusted (e.g. number of revolutions);
- the tools are regularly maintained and checked in accordance with the instructions of the machine suppliers;
- the metal-removing tools are greased sufficiently and correctly:
 - cutting grease block (art.no. 086.9191.UN) for saw blades,
 - cutting spray (art.no. 086.9175.UN) for punch tools
 - or the cooling agents and lubricants prescribed by the machine suppliers;
- the correct clamp blocks are used; (see assembly drawings 'clamp blocks')
- 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.

It is recommended to vacuum-extract any chips produced during machining. All cuts that form a joint, such as: corner and T-joints, must be protected with Reynaprotector (art.no. 086.9207.SY + 086.9225.--). Other cuts, such as glazing beads, terminal strips, etc. must be protected with Reynaers anti-corro (art.no. 086.9606.--), as well as milling cuts, boreholes, punch holes, etc.

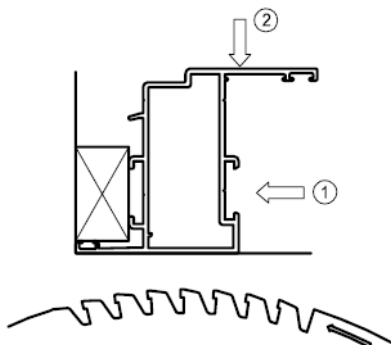
To function correctly, and to achieve the performances and aesthetics of the end product, it is very important that the profiles are sawn within close tolerances. If there is disagreement about what is meant by acceptable deviations, the guidelines of bodies such as the Aluminium Center Belgium can be consulted.

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 to get perfect mitres. When clamping, account should be taken of the direction of movement of the saw blade in relation to the profile (see diagrams below). We distinguish between primary (1) and secondary (2) clamping. The greatest pressure is exerted on the primary clamping. The need for the secondary clamping depends on the exact design of the profile.

The clamp blocks should 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.



INCORRECT CLAMPING

FAULT:

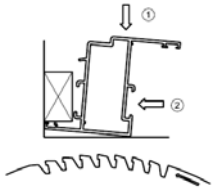
CONSEQUENCE:

RESULT:

The primary clamping pressure goes past the tipping point of the profile, causing it to tilt.

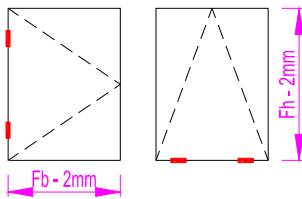
An oblique saw cut resulting in the outside of the profile being shorter than the inside.

After the corners have been joined, the mitre is closed on the inside but an opening is visible on the outside.



IMPORTANT WHEN SAWING

If you use "Sobinco Chrono Safe" with visible hinges for a vent size less than 600mm, you have to shorten the adjoining profiles relative to the hinge side 2mm compared to the normal catalogue values.



II.1.2 Assembly

We make the following subdivision:

1. Drainage and recesses for the accessories;
2. T-brackets;
3. Corner connections
 - crimping
 - screwing
4. Gaskets

1.2.1 Drainage and recesses for the accessories

Steps:

- a. Marking of recesses
 - a. Correct punching, drilling or milling.
 - b. Protection of the treated surfaces by :
 - deburring (if necessary);
 - removing dust and saw-dust on the saw cuts and in the profile chamber;
 - degreasing (Reynafinish 60 art.nr. 086.9210.-- or Reynaers safety clean 086.9231.--)
 - applying Reynaers anti-corro (art. no. 086.9606.--);

Special attention should be paid to the following regarding drainage:

Possible infiltrating water must be drained smoothly under control and one must be sure that the profile's chambers remain at atmospheric pressure.

- For windows, drainage holes should be a maximum of 250 mm from the corner (for specific drainage: see assembly drawings 'drainage')
 - up to a window width of 1000 mm: 2 drainage holes;
 - up to a window width of 1500 m: 3 drainage holes.
 - Additional holes are required every 500 mm.
 - Always drain at the lowest point of the glass rebate.
 - The minimum surface of these openings is 50 mm² per opening, either a round opening of minimum 8 mm diameter, or elongated openings of minimum 5 mm by 15 mm.
- Drainage holes which are visible on the outside of the window are covered with drainage covers in synthetic material.
- All window types must be provided with a drainage system in the sills and/or the horizontal transoms.
- All window types are provided with ventilation holes (see assembly drawing 'decompression'). Its function is to guarantee the pressure equalization around the glazing.
 - In case of fixed windows, centrally on top the outer glazing gasket is interrupted over a length of 50mm.
 - In case of opening parts, 5 mm vent holes are drilled on both sides, laterally in the outer profile half.

1.2.2 T-brackets

Steps (see assembly drawings 'T-connection'):

- a. Correct sawing
- b. Milling out the transom-mullion (height 25 mm)
- c. Punching or drilling of mounting holes ($\varnothing 12\text{mm}$)
- d. Protection of the saw cuts and treated surfaces by:
 - deburring (if necessary);
 - removing dust and saw-dust on the saw cut and in the profile chambers;
 - degreasing (Reynafinish 60 art.nr. 086.9210.-- or Reynaers safety clean 086.9231.--);
 - applying Reynaprotector (art. no. 086.9207.SY + 086.9225.--) on the saw cuts/mounting holes and Reynaers anti-corro (art. no. 086.9606.--) on the saw/milling cuts.
- e. Sealing of the zone under the transom-mullion on the outer frame. This should be completely watertight. If a central gasket is fitted, the rubber groove must be kept free of sealant.
- f. Making the connection: the T-bracket for the inner profile half is positioned on the centre line and fixed with screws (Allen key 4mm) until the profile wall of the adjacent profile has been drilled through. The transom-mullion is mounted on top of this and secured with the fixation screw.
- g. The brackets for the outer profile half are inserted and tightened (Allen key 4mm). One side must be held in place while the other side is tightened.

1.2.3 Corner connections

1.2.3.1 Crimping

Steps (see assembly drawing 'corner connection'): Correct sawing

1. Punching or drilling holes at ends of the profiles to be joined
2. Protection and sealing of the saw cuts and treated surfaces by:
 - deburring (if necessary);
 - removing dust and saw-dust on the saw cut and in the profile chamber;
 - degreasing (Reynafinish 60 art.nr. 086.9210.-- or Reynaers safety clean 086.9231.--)
 - applying Reynaprotector (art.no. 086.9207.SY + 086.9225.--) on saw/milling cuts.
3. Gluing in the profile chamber: applying an approved sealing glue (Reynaseal Duo art.no. 084.9080.--)
4. Applying crimp corner cleats and rebate support (see assembly drawing 'rebate support')
5. Making the connection and crimping (see assembly drawing 'crimping machine')
6. Surplus residues of adhesive and sealant must be removed and the visible surfaces cleaned with a non-aggressive product (Reynafinish 60 art.nr. 086.9210.-- or Reynaers safety clean 086.9231.--).

1.2.3.2. Screws

Steps (see assembly drawing "corner joint") glue application before screwing

1. Correct sawing
2. Punching or drilling screw holes ($\varnothing 12\text{mm}$) at both ends of the profiles to be joined.
3. Protecting and sealing the saw cuts and worked surfaces by:
 - deburring (if necessary);
 - removing dust and saw-dust on the saw cuts and in the profile chambers;
 - degreasing (Reynafinish 60 art.nr. 086.9210.-- or Reynaers safety clean 086.9231.--);
 - applying Reynaprotector (art. no. 086.9207.SY + 086.9225.--) to the saw cuts and Reynaers anti-corro (art. no. 086.9606.--) to the milling cuts.
4. Apply an approved sealing glue (Reynaseal Duo art.no. 084.9080.--) into the profile chambers.
5. Applying screw corner cleats, corner cleats with drive pin and rebate support (see assembly drawing 'rebate support')
6. Make the connection: tighten screws and then (if applicable) hammer in nails.
7. Surplus residues of adhesive and sealant must be removed and the visible surfaces cleaned with a non-aggressive product (Reynafinish 60 art.nr. 086.9210.-- or Reynaers safety clean 086.9231.--).

1.2.4 Gaskets

1.2.4.1. Applying the central gasket (EPDM)

Steps (see assembly drawing 'central gasket')

1. Correct cutting: the central gasket should be cut as correct as possible.
2. Extra overhanging (about 10 mm per metre) is required.
3. 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.--).
4. Gluing (sealing): the cuts should be degreased with Reynaers Safety Clean (art. no. 086.9231.--) and Reynaers primer seal & bond special (086.9232.--) and the mitres should be glued with vulcanizing glue (art. no. 084.9108.--). Because the connection remains elastic, the gasket will also fit perfectly into the corners.

1.2.4.3. Applying the acoustic gasket

Steps (see assembly drawing 'gasket')

1. Correct cutting: the acoustic gasket should be cut with gasket shears (art.no. 090.0121.00). This gasket should be cut straight and should continue into the corners (small cuts in the corners will facilitate the bending). 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): the cuts should be degreased with Reynaers Safety Clean (art. no. 086.9231.--) and Reynaers primer seal & bond special (086.9232.--) and the joints should be glued with vulcanizing glue Reynafix (art.nr. 084.9108.--) or a suitable instant glue (art. no. 084.9107.--). Because the connection remains elastic, the gasket will also fit perfectly into the corners.
4. The gasket should be cut out around visible hinges.

1.2.4.4. Applying the glazing gaskets

Steps (see assembly drawing 'gasket')

1. Correct cutting: the glazing gasket should be cut with gasket shears (art.no. 090.0121.00). This gasket should be cut straight.
2. Application of the gasket: the gaskets are applied in the appropriate grooves within the profiles, and the verticals should butt up against the horizontals; 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): the cuts should be degreased with Reynaers Safety Clean (art. no. 086.9231.--) and Reynaers primer seal & bond special (086.9232.--) and the joints should be glued with vulcanizing glue Reynafix (art.nr. 084.9108.--) or a suitable instant glue (art. no. 084.9107.--). Because the connection remains elastic, the gasket will also fit perfectly into the corners.

II.2 INSTALLATION

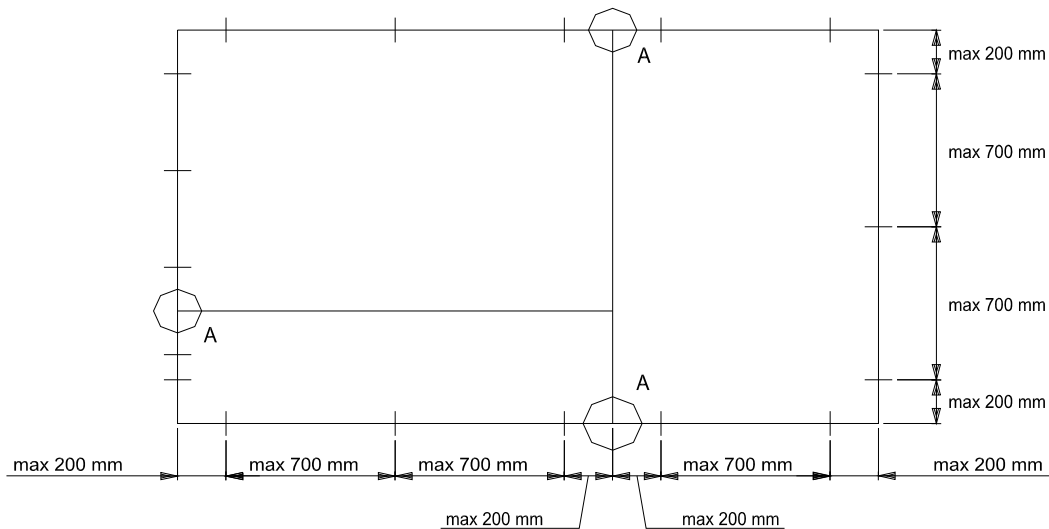
II.2.1 Storage

Unfinished or finished elements should always be stored in a dry, frost-free room.

II.2.2 Fitting in the structural work

The fixing to the structural work is done either directly through the rebate of the profiles with stainless steel spacer screws, or by means of fixing lugs.

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



At least two fixings should be applied on each side; the maximum distance to the corner is at least 200 mm.

- The distance between the fixings is maximum 700 mm.
- Where transom/mullions and outer frame profiles meet, the fixing must be applied maximum 200 mm from both sides of the transom/mullion (A). In this way, expansion and shrinkage of the transom/mullion (because of fluctuations of temperature) are possible without any damage.
- We recommend to position the fixings at the height of each hinge and locking point.

II.2.3 Fitting of the accessories

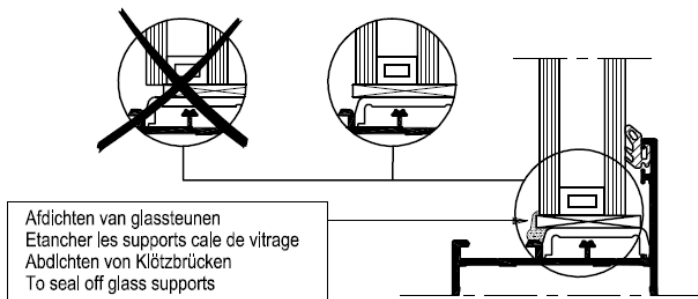
The choice of the fixing points, number of locking points, number of hinges, max. vent weight, max. vent sizes, vent profile used etc. depends on the instructions in the system and accessory catalogue. Sliding and moving parts should be provided with neutral grease. When fitting, please check whether all accessories can be operated easily and without getting stuck.

I.3 GLAZING

Reynaers' systems are designed for EPDM gasket or neutral silicone glazing. In case of silicone glazing a spacer tape should be applied to create a correct opening between the glass panel and the aluminium frame. For easy and reliable fitting, durability and reglazing simplicity, we recommend using only Reynaers' gaskets - specially adapted for our profiles.

The following precautions should be taken when fitting the glazing:

- The glass to be fitted must satisfy locally applicable standards.
- Cut and seal the glazing gaskets slightly longer than is necessary to avoid openings in the corners at a later stage.
- Silicone glazing is not compatible with coatex finish.
- The glass rebate should be drained. This is also necessary in the case of silicone glazing (see assembly drawing 'drainage').
- Glass panels should be 12 mm (6 mm per side) smaller than the actual measured glazing size.
- If the spacer in the glass is not completely covered the sealant should be UV-resistant.
- No glass panel may be in direct contact with aluminium without inserting glazing blocks or a rubber gasket.
- Glass supports are used to level out the bottom of the rebate. Glazing blocks are placed on these. They must be sufficiently strong to bear the weight of the glass and support each individual glass plate.
- The glass supports on the bottom of the glass panel should be sealed (see drawing below).



Fitting of the glass panels

The position of the glazing blocks is defined by standard STS 38. We distinguish between 2 types of glazing block:

Support blocks



Adjusting blocks

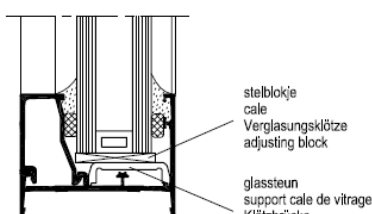
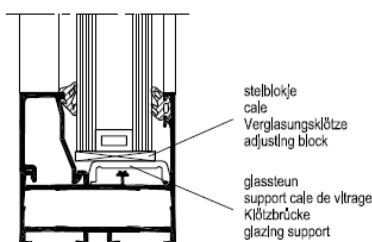


C1: support blocks

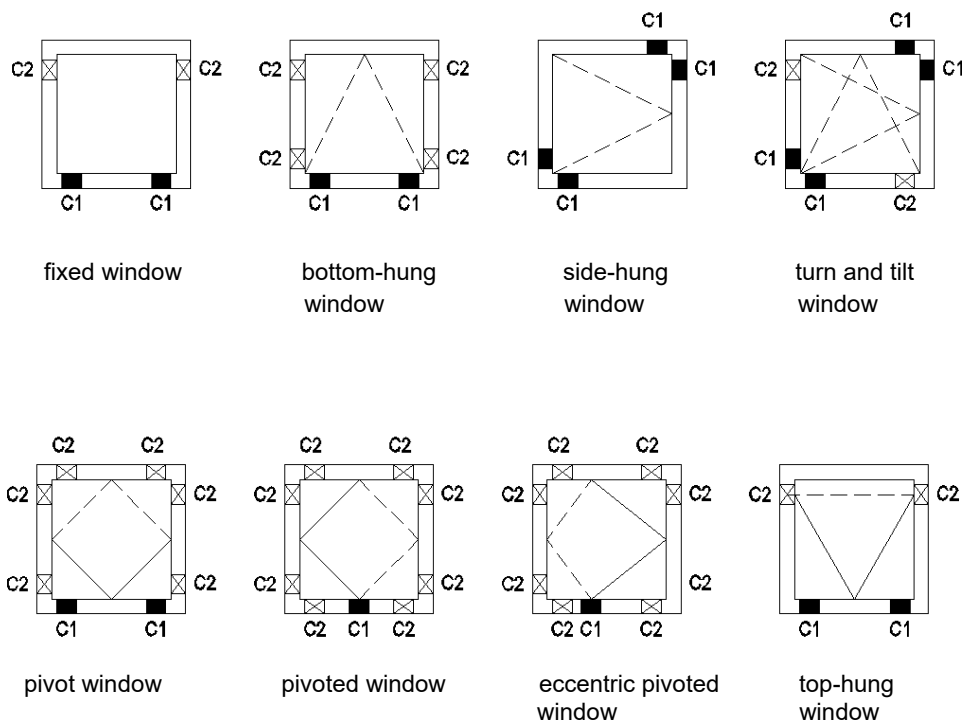
These support blocks distribute the weight of the glass onto the vent or the outer frame. Correct positioning is very important to ensure the vent functions correctly. They should be installed using tools specifically intended for the purpose.

C2: adjusting blocks

These blocks guarantee the position of the glass in the rebate. They must be positioned without twisting or damaging the profile.



The following diagrams indicate the required position of the glazing blocks in different types of windows.



In the case of a fixed window the supports are applied in the corners of the sill in order to prevent them from bending under the glass weight.

In the case of side-hung and turn-and-tilt windows, the glass is wedged diagonally from hinge corner to the opposite top corner. This spreads the weight of the glass correctly, preventing distortion of the window vent. When wedging the glass, check whether the vent is positioned centrally in relation to the frame. If the vent is correctly wedged, the adjusting blocks (if applicable) can be added before beading.

VERARBEITUNGSVORSCHRIFTEN

I. ALLGEMEIN

Siehe Katalog "1. Allgemeine information (089.C01E.00)

II. VERARBEITUNGSVORSCHRIFTEN CS 59-Pa

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 Maschine muss richtig eingestellt und auf den Werkstoff Aluminium (z.B. Drehzahl) abgestimmt sein.
- Es wird regelmäßige Wartung und Kontrolle des Werkzeugs gemäß den Vorschriften der Maschinenlieferanten ausgeführt.
- Zur Verlängerung der Werkzeugstandzeiten können geeignete Gleitmittel, wie :
 der Fettstift (Art.-Nr. 086.9191.UN);
 das Schneidmittel (Art.-Nr. 086.9175.UN)
 oder die von den Maschinenlieferanten vorgeschriebenen Kühl- und Schneidmittel
- Es die korrekten Spannbacken verwendet werden (siehe Montagezeichnung „Spannbacken“).
- Der Auflage- und Ablauftisch soll frei von Spänen und Verunreinigungen sein;
- Die Kühl- und Schneidmittel müssen chemisch neutrale Produkte sein, die die Oberfläche nicht angreifen.

Es empfiehlt sich, Späne abzusaugen, die während der spanenden Bearbeitung entstehen. Alle Sägeschnitte, die eine Verbindung bilden (wie z. B. Eck- und T-Verbindungen) müssen mit Reynaprotector (Art.-Nr. 086.9207.SY + 086.9225.--) geschützt werden. Andere Sägeschnitte (wie z. B. Glasleisten, Klemmleisten, Frässchnitte, Bohr- oder Stanzlöcher) müssen mit Reynaers anti-corro (Art.-Nr. 086.9606.--) geschützt werden.

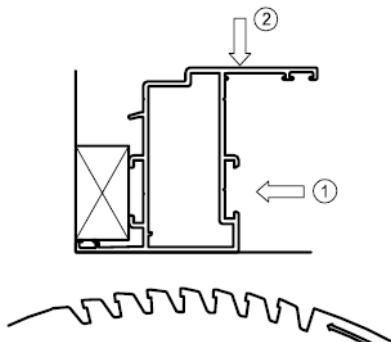
Für die korrekte Funktion, Leistung und Ästhetik des Endprodukts ist es sehr wichtig, dass die Profile in engen Toleranzen gesägt werden. Falls strittig ist, was unter annehmbaren Abweichungen zu verstehen ist, können die Richtlinien von Instanzen wie Aluminium Center Belgium herangezogen werden.

Position/Klemmung der Profile während des Sägens :

Die Position der Profile auf dem Säge Tisch beim Sägen ist sehr wichtig und die Grundlage für perfekte Stöße. Beim Einspannen muss die Bewegungsrichtung des Sägeblatts gegenüber dem Profil berücksichtigt werden (siehe die Abbildungen unten). Wir unterscheiden primäre (1) und sekundäre (2) Einspannung. Auf die primäre Einspannung wird der stärkste Druck ausgeübt. Ob eine sekundäre Einspannung notwendig ist, hängt von der genauen Form des Profils ab.

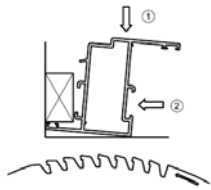
Die Klemmblöcke müssen verwendet werden:

- um zu verhindern, dass Spiel an den Profilen die Qualität des Stoßes beeinträchtigt;
- um zu verhindern, dass sich die Profile auf dem Tisch verdrehen.



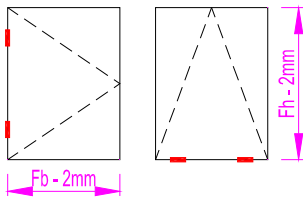
FALSCH EINSpannung

- FALSCH:** Die primäre Einspannung drückt jenseits Drehpunkts gegen das Profil, wodurch es sich verdreht.
- FOLGE:** Schiefer Sägeschnitt: Die Außenseite ist kürzer als die Innenseite.
- ERGEBNIS:** Nach dem Verbinden der Ecken ist die Gehrung an der Innenseite dicht, aber an der Außenseite ist eine Öffnung sichtbar.



WICHTIG BEIM SÄGEN

Wenn Sie "Sobinco Chrono Safe" mit sichtbaren Scharnieren verwenden für eine Flügel Dimension die kleiner ist als 600mm, müssen Sie die anliegenden Profile in Bezug auf die Scharnierseite 2 mm verkürzen in Vergleich mit den Katalogwerten.



II.1.2 Profilverbindungen und deren Verarbeitung

Folgende Verarbeitungsschritte werden unterschieden:

1. Entwässerung und Aussparungen für den Beschläge;
2. T-Verbindungen;
3. Eckverbindungen;
 - Pressen
 - Schrauben.
4. Dichtungen

1.3.1 Entwässerung und Bearbeitung für den Beschlageinbau

Verfahrensweise:

- a. die Aussparungen markieren;
- b. Korrekt stanzen, bohren oder fräsen.
- c. Schutz der Schnittkanten:
 - Entgraten (falls erforderlich).
 - Schnittfläche und Profilkammern von Staub und Sägeresten säubern.
 - Entfetten der Profile (Art.-Nr. 086.9182.--).
 - Reynaers anti-corro (art. no. 086.9606.--) aufbringen

Insbesondere ist auf folgendes zu achten:

Eventuell eingedrungenes Wasser muss problemlos und kontrolliert abgeleitet werden können.

Es sind entsprechende Dampfdruckausgleichsbohrungen vorzunehmen.

- Bei jedem Rahmen sind grundsätzlich zwei Entwässerungsbohrungen vorzunehmen.
Diese sitzen max. 250 mm aus der Ecke (für spezifische Entwässerung : siehe Montagezeichnung 'Entwässerung') :
Bei Rahmenbreiten bis 1000 mm sind 2 Öffnungen vorzusehen;
bei Rahmenbreiten bis 1500 mm sind 3 Öffnungen vorzusehen
Je weiteren 500 mm ist eine tzliche Öffnung vorzusehen.
- Die Entwässerungsöffnungen sind grundsätzlich am tiefsten Punkt der Profilkontur anzubringen.
- Die Mindestoberfläche der Entwässerungsöffnung beträgt 50 mm² pro Öffnung, wobei eine Bohrung von mind. 8 mm Durchmesser oder ein Schlitz von 5 x 15 mm vorzusehen ist.
- Alle sichtbaren Entwässerungsöffnungen müssen mit systemabhängigen Kunststoff-Abdeckkappen versehen werden.
- Alle Rahmenkonstruktionen müssen im Solbankbereich bzw. an den horizontalen T-Profilen mit entsprechenden Ausnehmungen versehen werden.
- Bei jedem Rahmen sind grundsätzlich zwei Entlüftungsbohrungen vorzunehmen
(siehe Montagezeichnung 'Dekompression') damit die Druckegalisierung rundum die Verglasung zu gewährleisten.
- Bei einem festen Fenster wird die äußere Verglasungsdichtung oben in der Mitte 50 mm unterbrochen.
- Bei öffnenden Elementen werden auf beiden Seite 5 mm große Entlüftungsöffnungen seitlich in die Außenschale gebohrt.

1.2.2 T-Verbindungen

Verfahrensweise (siehe Montagezeichnung „T-Verbinder“):

1. Korrekt sägen.
2. T-Profil ausfräsen (Höhe 25 mm)
3. Leimeinspritz- ($\varnothing 4$) und Befestigungslöcher ($\varnothing 12,5$) stanzen oder bohren
4. Die Sägeschnitte und bearbeiteten Flächen wie folgt schützen:
 - Entgraten (falls erforderlich);
 - Sägeschnittflächen und Profilkammern von Staub und Sägerückständen säubern;
 - Entfetten (Reynafinish 60 art.nr. 086.9210.-- oder Reynaers safety clean 086.9231.--)
 - Reynaprotector (Art.Nr. 086.9207.SY + 086.9225.--) auf Sägeschnittfläche/Befestigungslöcher und Reynastick (Art.Nr. 086.9600.XX) auf die Säge-/Frässchnittflächen auftragen.
5. Abdichten der Zone unter dem T-Profil auf dem Rahmenprofil. Dies muss vollständig wasserdicht ausgeführt zu werden. Wenn eine Mitteldichtung angebracht wird, muss die Gummirille frei von Dichtungsmittel bleiben.
6. Verbindung herstellen: Der T-Verbinder für das Innenteil wird auf der Mittellinie positioniert und festgeschraubt (Innensechskant 4mm), bis die Profilwand des anschließenden Profils durchbohrt ist. Das T-Profil wird darüber angebracht und mit der Schraube fixiert.
7. Die Verbinder für die Außenschale werden eingelegt und festgezogen (Innensechskant 4mm). Dabei muss die eine Seite festgehalten werden, während die andere Seite angezogen wird.

1.2.3 Eckverbindungen

1.2.3.1 Pressverbindungen

Verfahrensweise (siehe Montagezeichnung „Eckverbindung“): * **

Option A: Leim nach dem Pressen einspritzen
 Option B: Leim vor dem Pressen einspritzen

1. Korrekt sägen.
2. Leimeinspritzlöcher ($\varnothing 4$) an beiden Enden der zu verbindenden Profile stanzen oder bohren (siehe Montagezeichnung „Leimeinspritzung“).
3. Sägeschnitte und bearbeitete Flächen wie folgt schützen und abdichten:
 - Entgraten (falls notwendig);
 - Sägeschnitt und Profilkammer von Staub und Sägerückständen säubern.
 - Entfetten (Reynafinish 60 art.nr. 086.9210.-- oder Reynaers safety clean 086.9231.--)
 - Reynaprotector (Art.Nr. 086.9208.SY + 086.9225.--) auf Säge-/Frässchnittflächen auftragen.
4. ** Verkleben in Profilkammer: Anbringen eines zugelassenen Dichtungsklebers (Reynaseal Duo Art.-Nr. 084.9080.--)
5. Presseckwinkel und Stützeckwinkel anbringen (siehe Montagezeichnung „Stützeckwinkel“)
6. Verbinden und pressen (siehe Montagezeichnung „Eckverbindungsmaschine“)
7. * Einen zugelassenen Dichtungskleber (Reynaseal Duo, Art.Nr. 084.9080.--) in die vorgesehenen Einspritzlöcher einspritzen. Wenn der Kleber aus dem Loch im anschließenden Profil austritt, ist die Ecke vollständig verklebt.
 - Überschüssige Reste von Kleber und Dichtungsmittel müssen entfernt und die Sichtflächen mit einem nicht aggressiven Mittel (Reynafinish 60 art.nr. 086.9210.-- oder Reynaers safety clean 086.9231.--) gereinigt werden.

1.2.3.2 Schraubverbindungen

Vorgehensweise (siehe Montagezeichnung „Eckverbindung“): * **

Option A: Kleber nach dem Schrauben einspritzen
 Option B: Kleber vor dem Schrauben einspritzen

1. Korrekt sägen.
2. Schraub- ($\varnothing 12,5$) und Leimeinspritzlöcher ($\varnothing 4$) an beiden Enden der zu verbindenden Profile stanzen oder bohren (siehe Montagezeichnung „Leimeinspritzung“).
3. Sägeschnitte und bearbeitete Flächen wie folgt schützen und abdichten:
 - Entgraten (falls notwendig);
 - Sägeschnitt und Profilkammer von Staub und Sägerückständen säubern.
 - Entfetten (Reynafinish 60 art.nr. 086.9210.-- oder Reynaers safety clean 086.9231.--);
 - Reynaprotector (Art.Nr. 086.9208.SY + 086.9225.--) auf die Sägeschnitte und Reynastick (Art.Nr. 086.9600.XX) auf die Frässchnitte auftragen.
4. ** Verkleben in Profilkammer: Anbringen eines zugelassenen Dichtungsklebers (Reynaseal Duo Art.-Nr. 084.9080.--)
5. Press-, Schraub-, Nagel- und Stützeckwinkel anbringen (siehe Montagezeichnung „Stützeckwinkel“)
6. Verbindung herstellen: Schrauben anziehen und anschließend (falls zutreffend) Nägel einschlagen.
7. * Einen zugelassenen Dichtungskleber (Reynaseal Duo, Art.Nr. 084.9080.--) in die vorgesehenen Einspritzlöcher einspritzen. Wenn der Kleber aus dem Loch im anschließenden Profil austritt, ist die Ecke vollständig verklebt.
 - Überschüssige Reste von Kleber und Dichtungsmittel müssen entfernt und die Sichtflächen mit einem nicht aggressiven Mittel (Reynafinish 60 art.nr. 086.9210.-- oder Reynaers safety clean 086.9231.--) gereinigt werden.

1.2.4 Dichtungen

1.2.4.1 Anbringen der Mitteldichtung (EPDM)

Verfahrensweise (siehe Montagezeichnung „Mitteldichtung“)

1. Korrekt zuschneiden: Zum Zuschneiden der Mitteldichtung ist eine Schneideschablone (Art.-Nr. 097.0217.00) zu verwenden.
2. Die erforderliche Überlänge (ca. 10 mm pro Meter) muss vorgesehen werden.
3. Dichtungen einsetzen: Die Dichtungen werden in die dafür vorgesehenen Aufnahmen der Profile eingesetzt. Der überlange Zuschnitt wird leicht gestaucht, um Schrumpfung auszugleichen. Zum einfacheren Anbringen kann Silikonspray (Art.-Nr. 086.9551.--) verwendet werden.
4. Verkleben (Abdichten): Die Schnittflächen müssen mit Reynears Safety Clean (Art.-Nr. 086.9231.--) und Reynaers primer seal & bond special (086.9232.--) entfettet werden, und die Stöße müssen mit Vulkanisierkleber Reynafix (Art.-Nr. 084.9108.--). Da die Verbindung elastisch bleibt, liegt die Dichtung auch in den Ecken perfekt an.

1.2.4.2 Anbringen der Mitteldichtung (TPE)

Verfahrensweise (siehe Montagezeichnung „Mitteldichtung“)

1. Korrekt zuschneiden: Zum Zuschneiden der Mitteldichtung ist eine Schneideschablone (Art.-Nr. 097.0217.00) zu verwenden.
2. Die erforderliche Überlänge (ca. 10 mm pro Meter) muss vorgesehen werden.
3. Dichtungen einsetzen: Die Dichtungen werden in die dafür vorgesehenen Aufnahmen der Profile eingesetzt. Der überlange Zuschnitt wird leicht gestaucht, um Schrumpfung auszugleichen.
4. Verkleben (Abdichten): Die Schnittflächen müssen mit Reynears Safety Clean (Art.-Nr. 086.9231.--) und Reynaers primer seal & bond special (086.9232.--) entfettet werden, und die Stöße müssen mit einem dafür geeigneten Sekundenkleber (Art.-Nr. 084.9107.--) verklebt werden. Da die Verbindung elastisch bleibt, liegt die Dichtung auch in den Ecken perfekt an.

Anmerkung: In TPE ist es auch möglich, Rahmen mit Hilfe einer Schweißmaschine (Art.-Nr. 095.N200.00) zu schweißen.

1.2.4.3 Anbringen der akustischen Dichtung

Verfahrensweise (siehe Montagezeichnung „Dichtung“)

1. Korrekt zuschneiden: Zum Zuschneiden der Schalldichtung ist eine Dichtungsschere (Art.-Nr. 090.0121.00) zu verwenden. Diese Dichtung muss gerade zugeschnitten werden und in den Ecken durchlaufen (ein kleiner Einschnitt in den Ecken erleichtert das Biegen). Die erforderliche Überlänge (ca. 10 mm pro Meter) muss vorgesehen werden.
2. Dichtungen einsetzen: Die Dichtungen werden in die dafür vorgesehenen Aufnahmen der Profile eingesetzt. Der überlange Zuschnitt wird leicht gestaucht, um Schrumpfung auszugleichen. Zum einfacheren Anbringen kann Silikonspray (Art.-Nr. 086.9551.--) verwendet werden.
3. Verkleben (Abdichten): Die Schnittflächen müssen mit Reynears Safety Clean (Art.-Nr. 086.9231.--) und Reynaers primer seal & bond special (086.9232.--) entfettet werden, und die Anschlüsse müssen mit Vulkanisierkleber Reynafix (art.nr. 084.9108.--) oder einem dafür geeigneten Sekundenkleber (Art.-Nr. 084.9107.--) verklebt werden. Da die Verbindung elastisch bleibt, liegt die Dichtung auch in den Ecken perfekt an.
4. In Höhe sichtbarer Scharniere muss die Dichtung ausgeschnitten werden.

1.2.4.4 Anbringen der Verglasungsdichtung

Verfahrensweise (siehe Montagezeichnung „Dichtung“)

1. Korrekt zuschneiden: Zum Zuschneiden der Verglasungsdichtung ist eine Dichtungsschere (Art.-Nr. 090.0121.00) zu verwenden. Die Dichtung muss gerade zugeschnitten werden.
2. Dichtungen einsetzen: Die Dichtungen werden in die dafür vorgesehenen Aufnahmen der Profile eingesetzt. Die Senkrechten müssen stoßend an den Waagerechten anliegen. Der überlange Zuschnitt wird leicht gestaucht, um Schrumpfung auszugleichen. Zum einfacheren Anbringen kann Silikonspray (Art.-Nr. 086.9551.--) verwendet werden.
3. Verkleben (Abdichten): Die Schnittflächen müssen mit Reynears Safety Clean (Art.-Nr. 086.9231.--) und Reynaers primer seal & bond special (086.9232.--) entfettet werden, und die Anschlüsse müssen mit Vulkanisierkleber Reynafix (art.nr. 084.9108.--) oder einem dafür geeigneten Sekundenkleber (Art.-Nr. 084.9107.--) verklebt werden. Da die Verbindung elastisch bleibt, liegt die Dichtung auch in den Ecken perfekt an.

II.2 MONTAGE

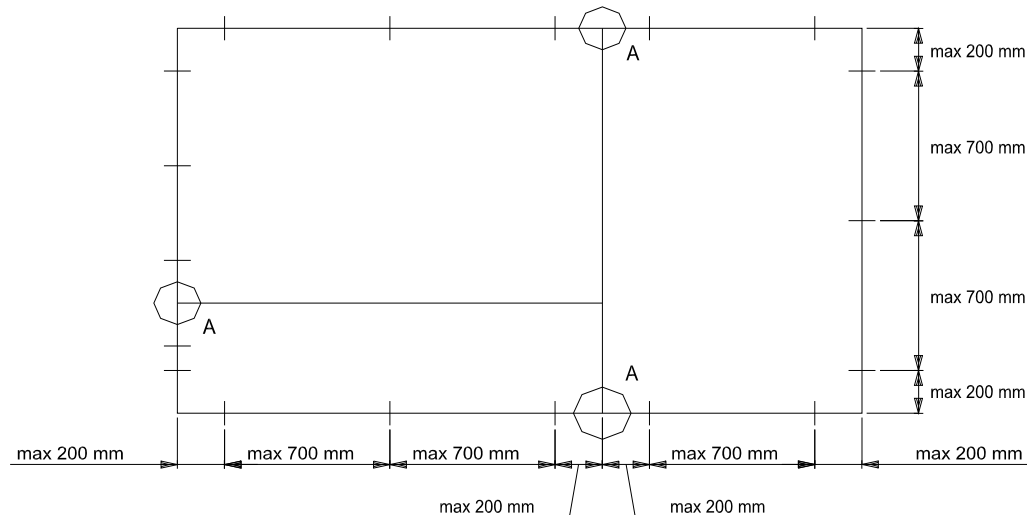
II.2.1 Lagerung

Die Lagerung nicht verarbeiteter oder verarbeiteter Elemente muss in jedem Fall in einem trockenen, frostfreien Raum erfolgen.

II.2.2 Befestigung am Baukörper

Die Befestigung am Baukörper erfolgt entweder direkt durch den Falz der Profile mit Edelstahl-Abstandsschrauben oder mit Befestigungsankern (siehe Katalog „Reynaconnect“).

- Beim Einsatz von Schrauben und Dübeln ist zu gewährleisten, dass ein Mindestabstand von 40 mm vom Rand des Baukörpers eingehalten wird
- Die Verankerung ist so zu wählen, dass die auf die Fensterkonstruktion einwirkenden Lasten sicher an den Baukörper abgeleitet werden.
- Alle zum Einsatz kommenden Verankerungen sollen aus Aluminium oder Edelstahl bzw. korrosionsgeschützt sein, damit die Aluminiumprofile nicht angegriffen werden.
- Die Anzahl der Befestigungspunkte ist wie folgt festzulegen:



Auf jeder Rahmenseite müssen mindestens 2 Befestigungen mit höchstens 200 mm Abstand von den Ecken angebracht werden.

- Der max. Abstand zur Rahmenecke darf 200 mm nicht unterschreiten.
- Der max. Abstand der Befestigungspunkte untereinander darf 700 mm nicht unterschreiten.
- Im Bereich von Pfosten- und Riegelanschluss sind die Befestigungspunkte ebenfalls 200 mm aus der Ecke vorzunehmen.
- Es wird empfohlen, die Befestigungspunkte in den Bereich der Eck- und Scherenlager bzw. der Türbänder sowie im Bereich der Verriegelungspunkte (des Schlosses) zu legen.

Anmerkung:

Die Befestigungen sollen so angebracht werden, dass ein eventuelles Arbeiten der Aluminiemelemente aufgenommen werden kann

II.2.3 Einbau der Beschläge

Die Wahl der Befestigungspunkte, der Anzahl Schließpunkte, der Anzahl Scharniere, des max. Flügelgewichts, der max. Flügelmaße, des verwendeten Flügelprofils etc. muss nach den Richtlinien im System- und Beschlagkatalog erfolgen. Gleitende und bewegliche Teile sind mit einem neutralen Fett zu versehen. Bei der Montage ist zu kontrollieren, ob der Beschlag leichtgängig zu betätigen ist.

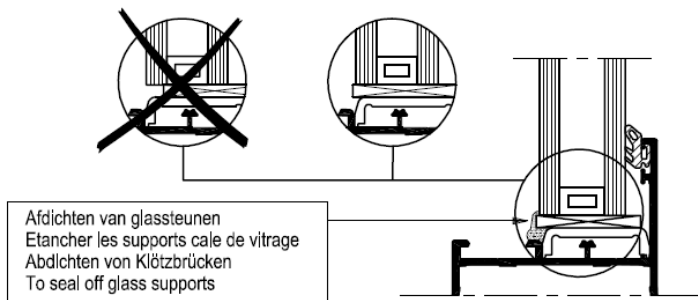
II.3 VERGLASUNG

Alle Reynaers-Systeme können mit speziellen EPDM-Dichtprofilen als Trockenverglasung oder als Nassverglasung (Silikon) auf Vorlegeband mit Vorprimern verarbeitet werden.

Wir empfehlen den Einsatz unserer EPDM-Dichtprofile, da diese leicht zu verarbeiten sind und den Austausch beschädigter Verglasungen oder Paneele erleichtern.

Bei der Verglasung müssen folgende Punkte berücksichtigt werden:

- Das einzusetzende Glas muss den am Ort geltenden Normen entsprechen.
- Die Verglasungsdichtung muss gestaucht und abgedichtet sein, damit nicht durch Schrumpfung Öffnungen in den Ecken entstehen.
- Silikonverglasung ist nicht kompatibel mit Coatex Lack.
- Der Glasfalz muss eine Entwässerung haben. Das ist auch bei Silikonverglasung notwendig (siehe Montagezeichnung „Entwässerung“).
- Beim Einsetzen des Glases muss ein Spiel mindestens 12 mm am Aluminiumfenster (6 mm pro Seite) berücksichtigt werden.
- Wenn der Abstandhalter im Glas nicht vollständig abgedeckt ist muss die dichtung UV-beständig sein.
- Keine Glasscheibe darf direkt mit Aluminium in Berührung kommen, ohne dass zwischen Aluminium und Glas Verglasungsklötze oder eine Gummidichtung angebracht ist.
- Glasauflageprofile werden zum Ausgleich der Falzbasis verwendet. Darauf werden Verglasungsklötze angebracht. Diese müssen stark genug sein, um das Glasgewicht tragen und jede separate Glasscheibe abstützen zu können.
- Die Glasauflageprofile an der Unterseite der Glasscheibe müssen abgedichtet werden (siehe die Zeichnung unten)



Befestigung der Verglasung

Die Position der Verglasungsklötze wird durch die Norm STS 38 bestimmt. Wir unterscheiden 2 Arten von Verglasungsklötzen:

Tragklötze



Distanzklötze



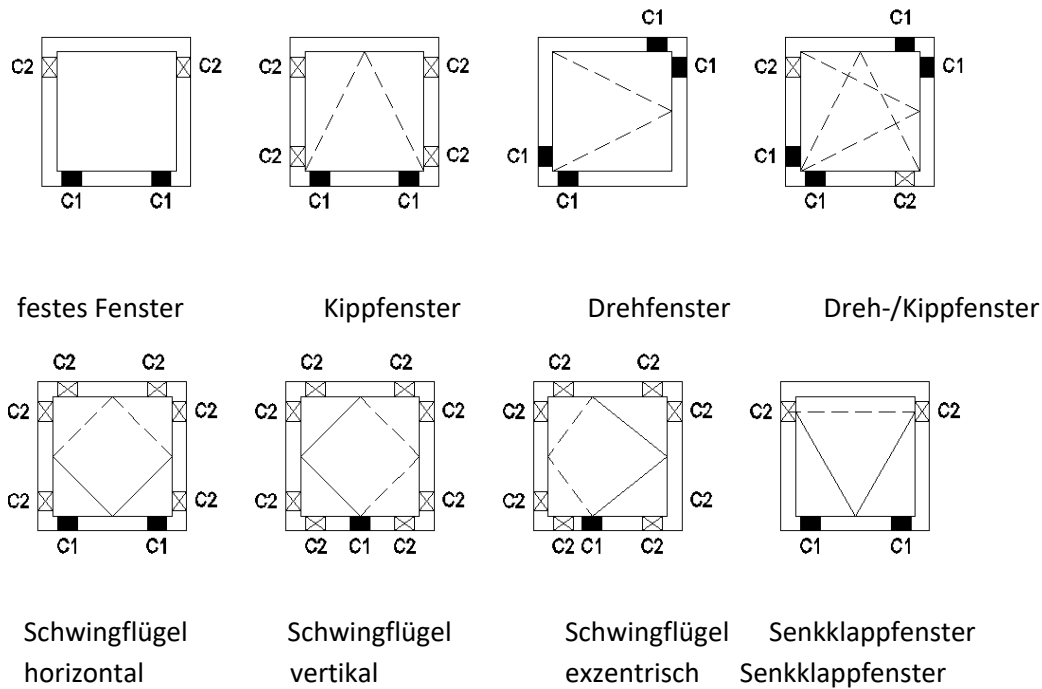
C1: Tragklötze

Diese Tragklötze übertragen das Gewicht des Glases auf den Flügel oder den Fensterrahmen. Korrektes Positionieren ist wichtig, um eine einwandfreie Funktion des Fensters zu gewährleisten. Die Klötze müssen mit einem dafür vorgesehenen Spezialwerkzeug positioniert werden.

C2: Distanzklötze

Diese Blöcke sichern die Glasposition im Falz. Die Klötze werden ohne starke Kraftaufwendung angebracht.

Die folgenden Abbildungen zeigen die erforderliche Position der Verglasungsklötze in den verschiedenen Fenstertypen.



Bei einem festen Fenster werden die Abstützungen in den Ecken des Fußholzes angebracht, damit sich das Fenster nicht unter den Glasgewicht durchbiegt.

Bei Dreh- und Drehkippfenstern wird das Glas diagonal an der unteren Ecke der Scharnierseite und an der gegenüberliegenden Ecke oben verkeilt. Damit wird das Gewicht des Glases derart abgeführt, dass eine Verformung des Fensterflügels vermieden wird. Beim Verkeilen ist zu kontrollieren, dass der Fensterflügel mittig zum Rahmen positioniert ist. Nachdem der Fensterflügel korrekt verkeilt ist, können (ggf.) die Distanzklötze angebracht werden, bevor die Glasleisten angebracht werden.

C



Reynaers
Aluminium

Profielen

Profilés

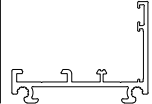
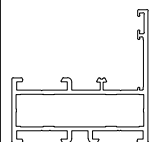
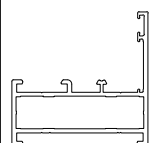
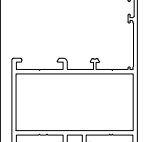
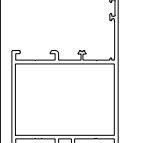
Profiles

Profile

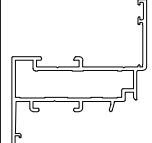
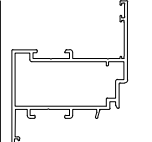
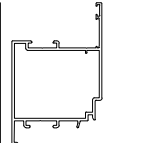
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**BUITENKADER
DORMANT
OUTER FRAME
BLENDRAHMEN**

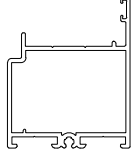
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016.0183.XX		31.66	9.7	7.00	12.836	8.994
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**VLEUGEL
OUVRANT
VENT
FLUEGEL**

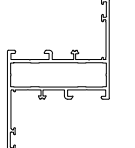
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**BUITENKADER DEUR
DORMANT PORTE
OUTER FRAME DOOR
BLENDRAHMEN TUER**

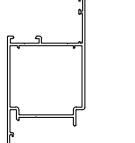
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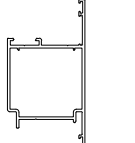
**Z-PROFIEL
PROFILE-Z
Z-PROFILE
Z-PROFIL**

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$ x\ cm^4 $	$ y\ cm^4 $
016.0143.XX		35.69	10.3	7.00	13.090	8.079

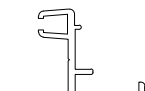
**VLEUGEL DEUR NAAR BINNENDRAAIEND
OUVRANT PORTE OUVRANT VERS L'INTERIEUR
VENT DOOR INWARD OPENING
FLUEGEL TUER NACH INNEN OEFFNEND**

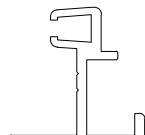
		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$ x\ cm^4 $	$ y\ cm^4 $
016.0026.XX		36.06	16.9	5.50 6.50	18.889	27.559

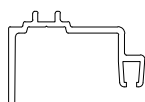
**VLEUGEL DEUR NAAR BUITENDRAAIEND
OUVRANT PORTE OUVRANT VERS L'EXTERIEUR
VENT DOOR OUTWARD OPENING
FLUEGEL TUER NACH AUSSEN OEFFNEND**

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$ x\ cm^4 $	$ y\ cm^4 $
016.0014.XX		37.15	16.9	5.50 6.50	17.961	27.559

BORSTELPROFIEL
PROFILE SUPPORT JOINT-BROSSE
SUPPORTING PROFILE BRUSH
ZUSATZPROFIL BUERSTENDICHTUNG

						$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.0049.XX			16.07	3.9	6.00	0.806	0.792

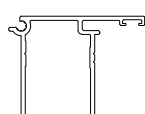
005.0030.XX			14.25	2.7	6.00	0.927	0.339
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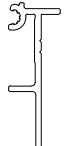
005.1034.XX			18.82	2.6	6.00	0.834	3.200
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BODEMPROFIEL
PROFILE DE SEUIL
FLOOR PROFILE
ZUSATZPROFIL

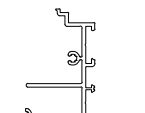
						$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
001.0071.XX			8.08	4.1	6.00	0.812	0.010

AANSLAGPROFIEL DEUR
PROFILE DE BUTEE PORTE
CONNECTION PROFILE DOOR
ANSCHLAGPROFIL TUER

						$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.0028.XX			25.93	6.6	6.00	9.883	6.725

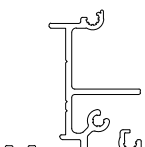
016.0029.XX			14.40	1.3	6.00	1.970	0.103
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STOLPPROFIEL
BATTEE CENTRALE FENETRE DOUBLE OUVRANTE
DOUBLE CASEMENT PROFILE
STULPPROFIL

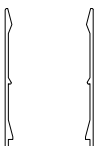
						$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.1115.XX			43.27	9.5	7.00	11.519	7.409

						$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
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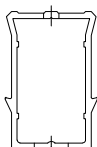
STOLPPROFIEL DEUREN
BATTEE CENTRALE PORTES DOUBLES OUVRANTES
DOUBLE CASEMENT PROFILE DOORS
STULPPROFIL TUEREN

						$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.1015.XX			35.16	6.8	6.00	7.106	2.940

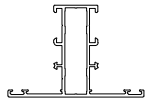
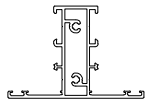
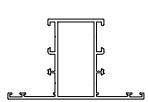
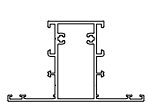
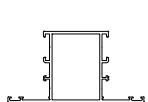
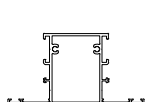
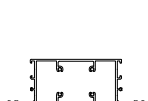
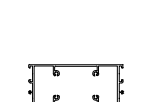
KLIPSPROFIEL VOOR 030.1098.00
CLIP POUR 030.1098.00
CLIP PROFILE FOR 030.1098.00
ABDECKPROFIL FUER 030.1098.00

						$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
030.3099.XX			31.23	15.3	7.00	9.625	5.654

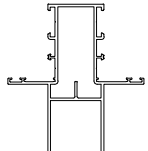
VERSTEVIGINGSPROFIEL
PROFILE DE RENFORCEMENT
REINFORCEMENT PROFILE
VERSTAERKUNGSPROFIL

						$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
030.1097.00			-	-	7.00	10.260	4.477

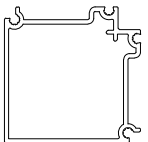
**T-PROFIEL
TRAVERSE
TRANSOM-MULLION
SPROSSE**

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.0113.XX			35.70	10.6	7.00	11.786	8.080
016.0813.XX			35.70	10.6	7.00	13.054	8.098
016.0120.XX			37.90	12.5	7.00	14.610	14.123
016.0820.XX			37.90	12.5	7.00	15.700	14.398
016.0114.XX			40.10	14.7	7.00	16.886	22.617
016.0814.XX			40.10	14.7	7.00	17.934	23.305
016.0817.XX 0K6.0817.XX			51.10	26.0	7.00 1.15	35.512	121.896
016.0847.XX 0K6.0847.XX			53.30	28.1	7.00 1.15	36.435	154.487

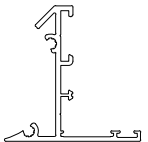
**T-PROFIEL VERSTERKT 85MM
TRAVERSE RENFORCEE 85MM
TRANSOM-MULLION REINFORCED 85MM
SPROSSE VERSTAERKT 85MM**

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.0100.XX			46.65	18.0	7.00	19.003	50.966

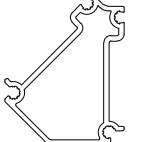
**HOEKPROFIEL 90°
PROFILE D'ANGLE 90°
CORNER PROFILE 90°
ECKPROFIL 90°**

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.0132.XX			26.45	10.0	7.00	16.089	16.077

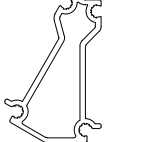
**BUITENKADER BUIS Ø50MM
DORMANT TUBE Ø50MM
OUTER FRAME TUBE Ø50MM
BLENDRAHMEN ROHR Ø50MM**

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.0104.XX			29.80	7.3	7.00	8.093	2.522

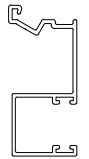
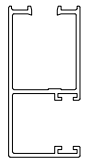
**HOEKPROFIEL 135°
PROFILE D'ANGLE 135°
CORNER PROFILE 135°
ECKPROFIL 135°**

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.0178.XX			20.12	4.2	7.00	6.505	3.749

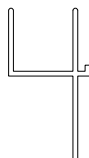
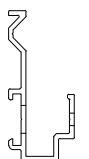
**HOEKPROFIEL 150°
PROFILE D'ANGLE 150°
CORNER PROFILE 150°
ECKPROFIL 150°**

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.0179.XX			18.17	2.7	7.00	5.604	1.622

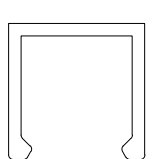
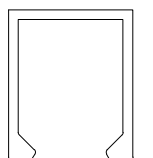
ROLLUIKGELEIDER
GUIDE A VOLET
SHUTTER GUIDE
ROLLADENFUEHRUNG

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
130.1142.XX			34.76	6.6	6.00	-	-
004.3167.XX			35.96	12.9	6.00	9.873	3.238

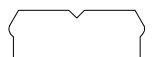
AFWERKINGSPROFIEL
PROFILE DE FINITION
FINISHING PROFILE
AUSFUEHRUNGSPROFIL

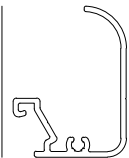
			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
004.3130.XX			19.05	1.6	6.00	1.141	1.881
030.2141.00			-	-	7.00	5.613	1.162

GLASLAT 12MM
PARCLOSE 12MM
GLAZING BEAD 12MM
GLASLEISTE 12MM

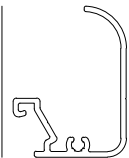
			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
025.0056.XX			7.12	3.6	6.00	0.064	0.092
025.0058.XX			9.80	4.8	6.00	0.207	0.190

KLEMSTUK GLASLAT
CLIP PARCLOSE
CLIP GLAZING BEAD
BEFESTIGUNGSKLOTZ GLASLEISTE

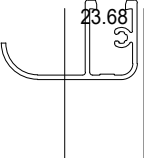
			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
035.0104.00			2.23	-	6.00	0.001	0.013

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
130.1143.XX			22.82	7.9	6.00	3.500	2.249

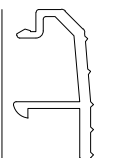
ROLLUIKKROL
FERMETURE VOLET CHASSIS
CLOSING SHAPE SHUTTER
ROLLADENEINLAUF

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
130.1143.XX			22.82	7.9	6.00	3.500	2.249

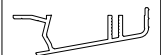
ROLLUIKKROL KLIPSBAAR
FERMETURE VOLET CHASSIS CLIPABLE
CLOSING SHAPE SHUTTER CLAMPABLE
ROLLADENEINLAUF KLEMMBAR

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
004.3843.XX			23.68	8.0	6.00	4.009	1.621

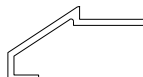
VERSTEVIGINGSPROFIEL
PROFILE DE RENFORCEMENT
REINFORCEMENT PROFILE
VERSTAERKUNGSPROFIL

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
030.3876.XX			10.81	2.2	7.00	0.559	0.147

VERSTEVIGING KADER
REINFORCEMENT CADRE
REINFORCEMENT OUTER FRAME
VERSTAERKUNG BLENDRAHMEN

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
030.3877.XX			27.19	7.2	7.00	11.722	1.086

CONSOLE SIERDEURDUWER
SUPPORT POUSSOIRE
BRACKET DOOR HANDLE
STUTZE TUEGRIF

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
035.0082.00			34.39	15.4	6.00	-	-

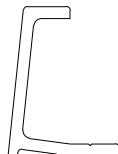
BEKLEDINGSPROFIEL 100MM
PLANCHETTE 100MM
COVER PROFILE 100MM
PANEEL 100MM

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
030.1158.XX			29.81	10.5	6.50	0.251	28.527

030.1159.XX			34.81	13.0	6.50	0.266	49.710
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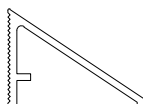
030.1160.XX			39.81	15.5	6.50	0.278	79.505
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CONDENSATIEGOOT + DRUPNEUS
RÉCUPÉRATEUR D'EAU + REJET D'EAU
CONDENSATION GUTTER + DRIP CAP
RINNE KONDENSATION + WETTERSCHENKEL

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
004.3846.XX			7.39	5.9	6.00	0.074	0.257

030.3119.XX			7.27	2.3	6.00	0.071	0.187
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LEKLIJST
REJET D'EAU
DRIP CAP
WETTERSCHENKEL

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
026.0119.XX			12.77	3.8	6.00	0.314	0.870

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
KLIPS BUITENKADER CLIP DORMANT CLIP OUTER FRAME KLEMME BLENDRAHMEN							

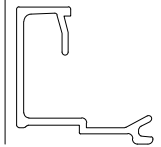
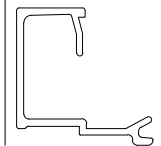
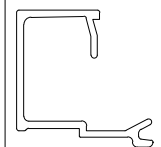
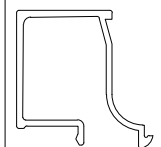
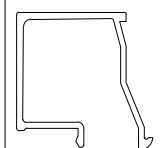
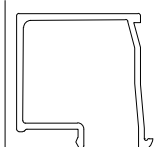
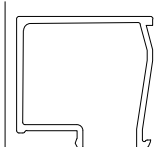
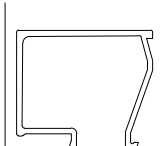
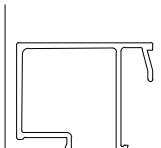
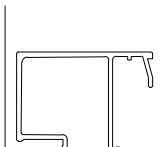
			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
016.0161.XX			16.88	7.2	7.00	3.887	0.218

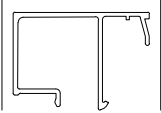
SLUITLAT
TRINGLE
LINK BAR
SCHUBSTANGE

			$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
001.0075.17			4.90	1.8	6.00	-	-

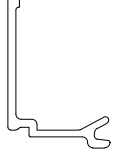
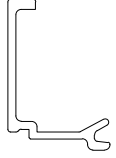
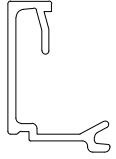
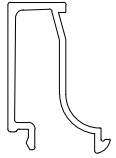
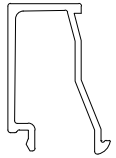
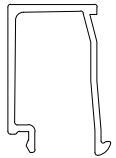
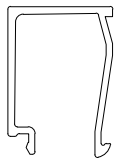
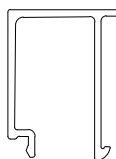
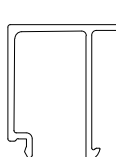
Xref ..\..\..\PS 50 (CANCEL) History

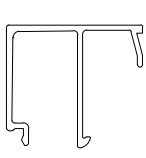
GLASLAT
PARCLOSE
GLAZING BEAD
GLASLEISTE

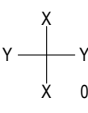
		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
130.3664.XX		15.27	3.7	7.00	1.114	0.862
130.3665.XX		15.87	4.0	7.00	1.205	0.881
130.3666.XX		16.47	4.3	7.00	1.290	0.927
030.3627.XX		18.71	4.6	7.00	1.004	1.226
030.3628.XX		18.71	4.9	7.00	1.230	1.186
030.3629.XX		19.16	5.2	7.00	1.394	1.292
030.3630.XX		19.79	5.5	7.00	1.648	1.347
030.3631.XX		20.53	5.8	7.00	1.952	1.401
030.3632.XX		22.57	6.1	7.00	2.192	1.478
030.3633.XX		23.41	6.4	7.00	2.503	1.533

		$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
030.3634.XX		24.03	6.7	7.00	2.849	1.579

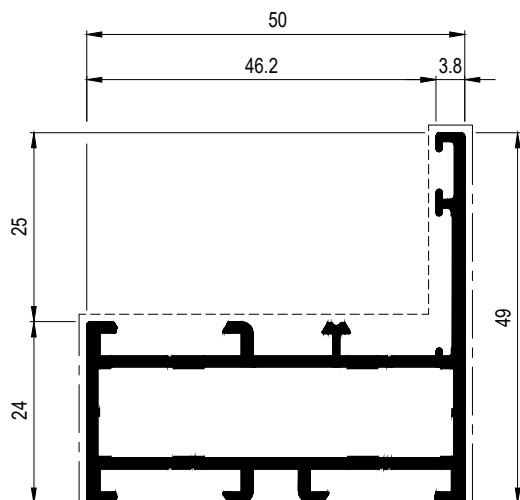
**GLASLAT
PARCLOSE
GLAZING BEAD
GLASLEISTE**

					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
130.3644.XX		10.05	2.8	7.00	0.545	0.311
130.3645.XX		10.63	3.1	7.00	0.712	0.314
130.3646.XX		12.87	3.4	7.00	0.929	0.315
030.3607.XX		15.10	3.7	7.00	0.333	0.894
030.3608.XX		15.09	4.0	7.00	0.431	0.914
030.3609.XX		15.54	4.3	7.00	0.548	0.970
030.3610.XX		16.16	4.6	7.00	0.690	1.019
030.3611.XX		16.91	4.9	7.00	0.874	1.072
030.3612.XX		18.96	5.2	7.00	0.995	1.148
030.3613.XX		19.56	5.5	7.00	1.191	1.183

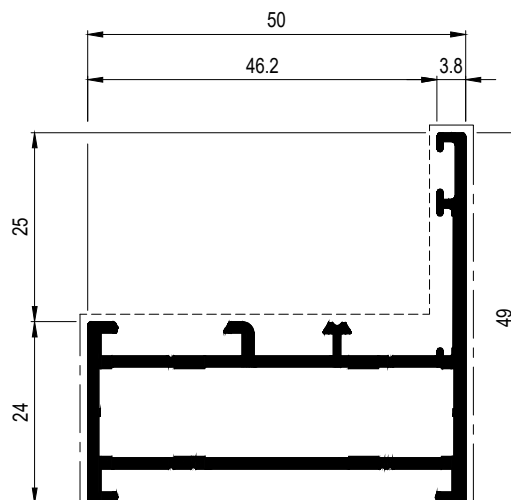
					$I_x \text{ cm}^4$	$I_y \text{ cm}^4$
030.3614.XX		20.15	5.8	7.00	1.437	1.218

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
016.0136.XX	29.47	7.8	7.00	10.135	3.566	21.58	4.432	1.327	15.62	
016.0106.XX	27.14	7.5	7.00	9.933	3.463	21.32	3.991	1.233	16.64	
016.0183.XX	31.66	9.7	7.00	12.836	4.599	22.09	8.994	2.318	21.20	
016.0125.XX	33.86	11.9	7.00	15.047	5.443	22.36	15.723	3.568	26.93	

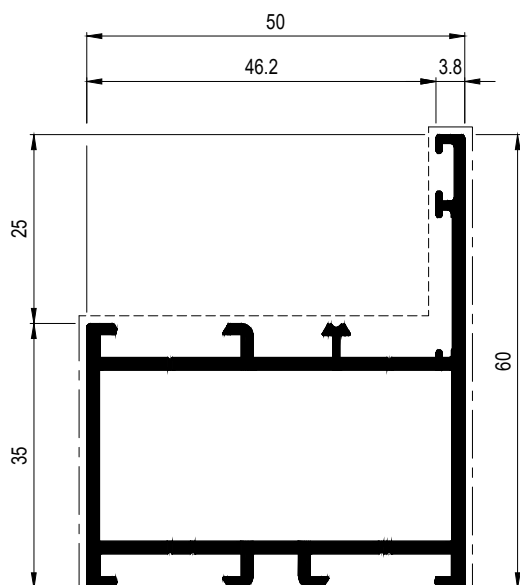
016.0136.XX



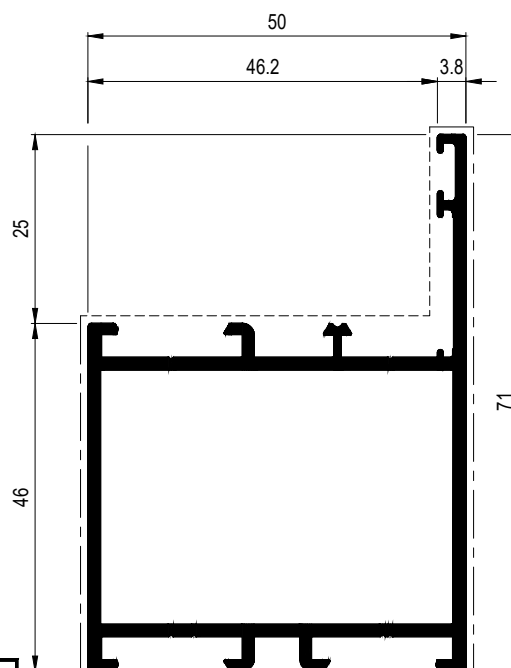
016.0106.XX



016.0183.XX



016.0125.XX



	016.0136.XX	
	068.8190.00	095.H800.00
	068.8190.00	095.B500.00
	068.8855.00	097.0398.00
	068.9090.00 160.8736.00 (2x)	097.0393.00
	068.8879.00	097.0403.00
	160.8736.00 or 060.8717.--	---

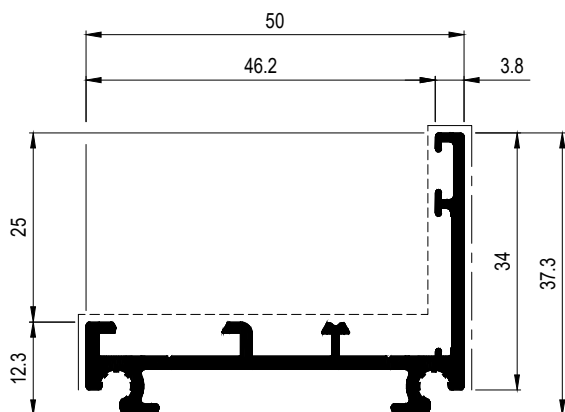
	016.0106.XX	
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	068.8190.00	095.B500.00
	068.8855.00	097.N800.00 of-ou-or-oder 097.0398.00
	068.9090.00 160.8736.00 (2x)	097.0393.00
	068.8879.00	097.0403.00
	160.8736.00 or 060.8717.--	---

	016.0183.XX	
	068.8191.00	095.H800.00
	068.8191.00	095.B500.00
	068.8856.00	097.N800.00 of-ou-or-oder 097.0398.00
	068.9091.00 160.8736.00 (2x)	097.0393.00
	160.8736.00 or 060.8717.--	---

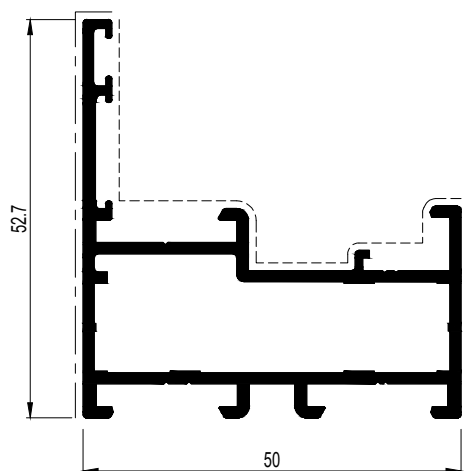
	016.0125.XX	
	068.8192.00	095.H800.00
	068.8192.00	095.B500.00
	068.8857.00	097.N800.00 of-ou-or-oder 097.0398.00
	068.9092.00 160.8736.00 (2x)	097.0393.00
	160.8736.00 or 060.8717.--	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x cm^4$	$W_x cm^3$	$a_x mm$	$I_y cm^4$	$W_y cm^3$	$a_y mm$	
016.0105.XX	26.43	4.6	7.00	7.021	2.345	20.06	1.730	0.651	10.73	
044.0140.XX	29.46	7.8	7.00	10.132	3.565	21.58	4.432	1.328	15.62	

016.0105.XX

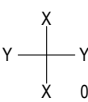


044.0140.XX

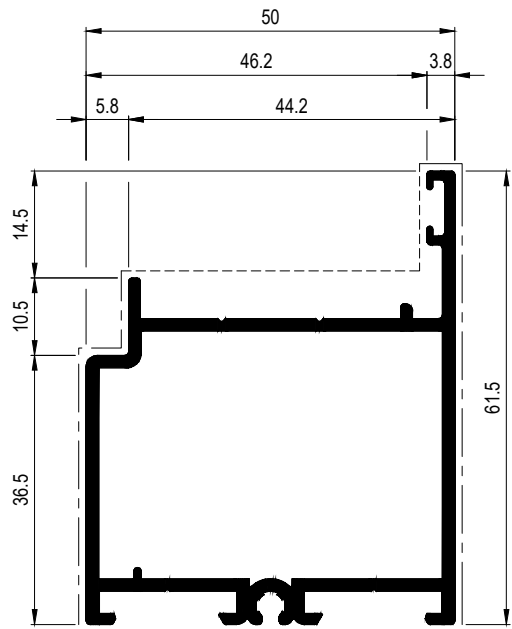


	016.0105.XX	
	068.6107.00	---
	160.8736 or 060.8717.--	---

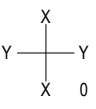
	044.0140.XX	
	068.8190.00	095.B500.00
	068.8855.00	097.N800.00 of-ou-or-oder 097.0398.00
	068.9090.00	---

	 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	
016.0898.XX	29.46	11.8	6.00	13.668	5.017	22.76	12.515	3.284	23.39	

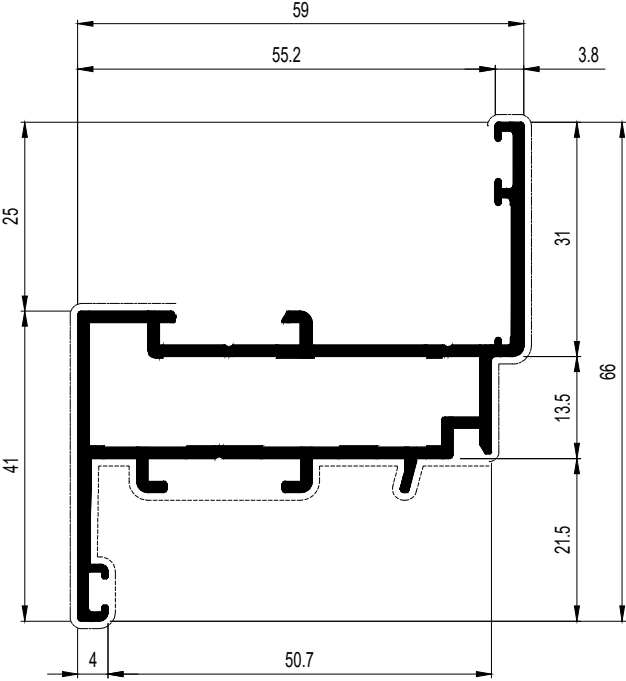
016.0898.XX



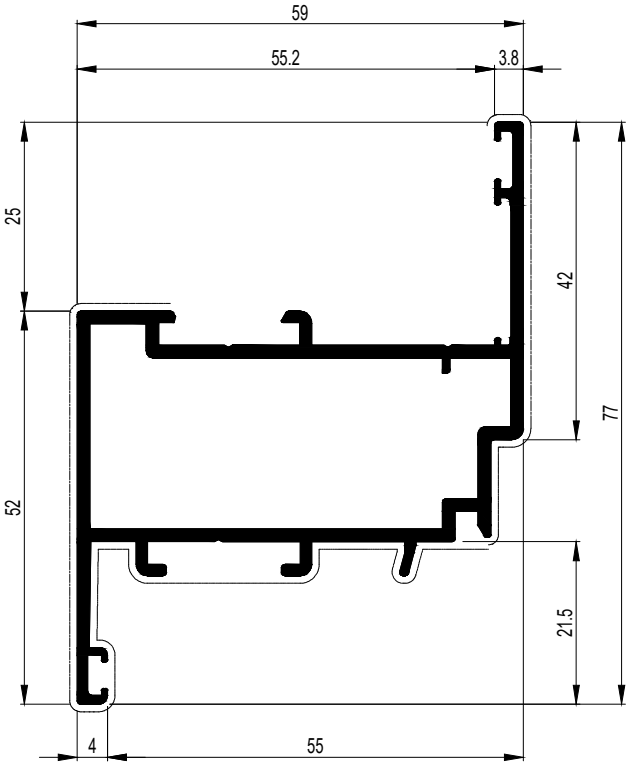
	016.0898.XX	
	068.8154.00	095.H800.00
	068.8154.00	095.B500.00
	068.8859.00	097.N800.00 of-ou-or-oder 097.0398.00

	 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	
016.1102.XX	34.21	11.0	7.00	16.576	5.422	30.57	6.357	1.793	30.90	
016.1192.XX	36.40	13.1	7.00	21.078	7.014	30.05	12.077	2.959	36.54	

016.1102.XX

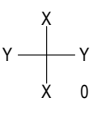


016.1192.XX

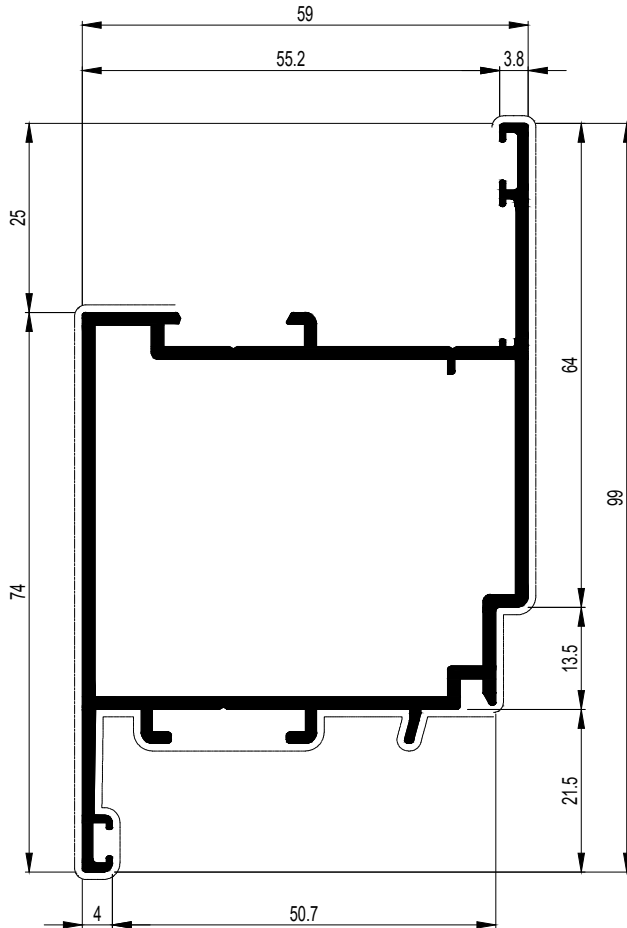


	016.1102.XX	
	068.8190.00	095.H800.00
	068.8190.00	095.B500.00
	068.8855.00	097.0855.00
	160.8736.00 or 060.8717.--	

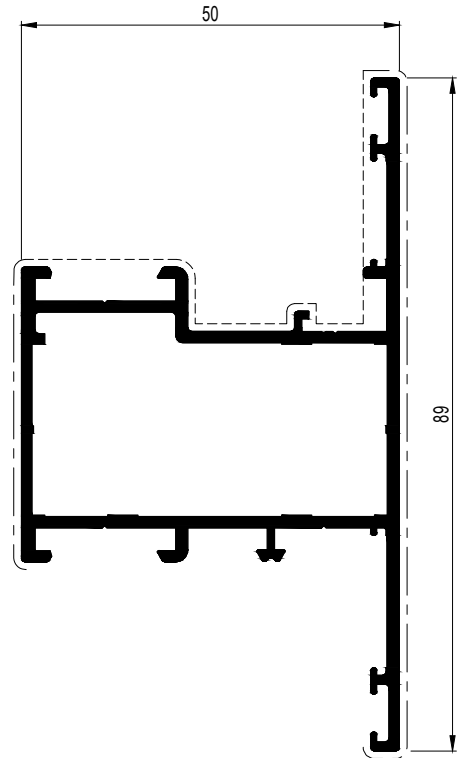
	016.1192.XX	
	068.8191.00	095.H800.00
	068.8191.00	095.B500.00
	068.8856.00	097.0855.00
	160.8736.00 or 060.8717.--	

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
016.1121.XX	40.80	17.5	7.00	27.210	9.063	30.02	31.396	6.067	47.61	
044.0192.XX	39.43	14.0	7.00	14.884	4.871	19.44	16.317	3.656	44.37	

016.1121.XX

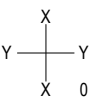


044.0192.XX

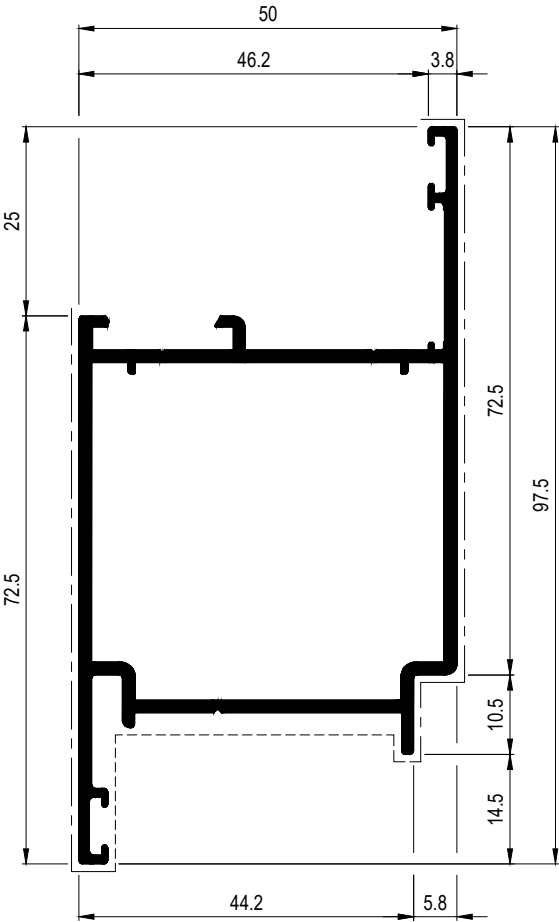


	016.1121.XX	
	068.8193.00	095.H800.00
	068.8193.00	095.B500.00
	068.8858.00	097.0855.00
	160.8736.00 or 060.8717.--	---

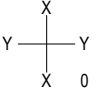
	044.0192.XX	
	068.8191.00	---
	068.8191.00	095.B500.00
	068.8856.00	097.N800.00

	 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	
016.0026.XX	36.06	16.9	5.50/6.50	18.889	7.550	25.02	27.559	5.400	46.46	

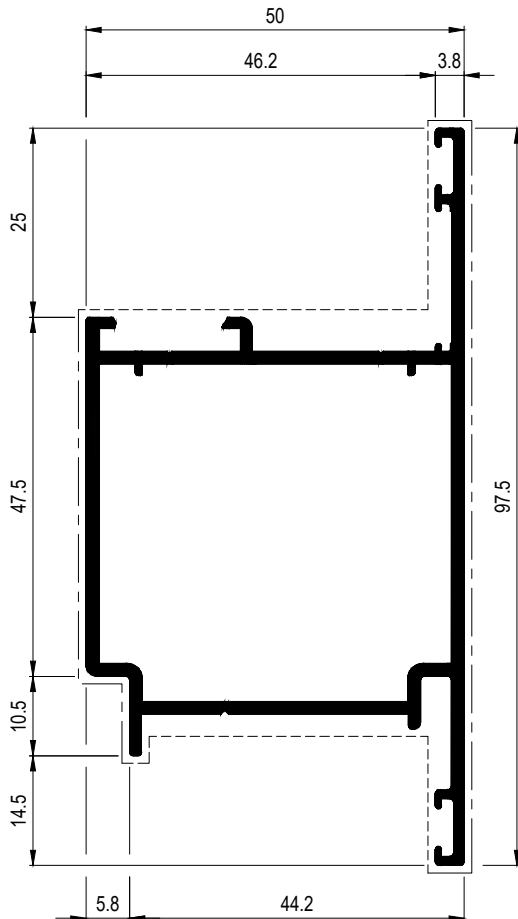
016.0026.XX



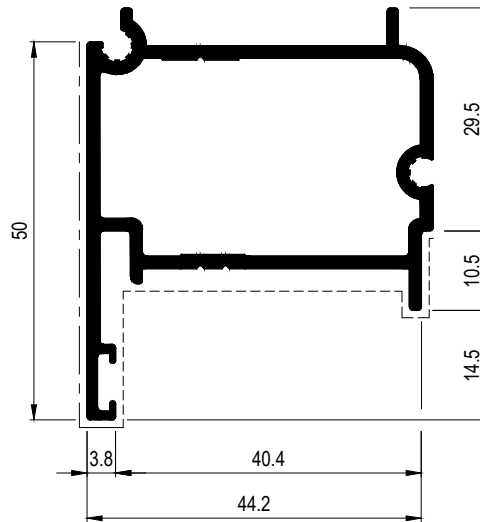
	016.0026.XX	
	068.8194.00	095.H800.00
	068.8194.00	095.B500.00
	068.8862.00	097.N800.00 of-ou-or-oder 097.0398.00
	160.8736.00 or 060.8717.--	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
016.0028.XX	25.93	6.6	6.00	9.883	3.836	25.76	6.725	2.105	31.95	
016.0014.XX	37.15	16.9	5.50/6.50	17.961	6.088	20.50	27.559	5.400	46.46	

016.0014.XX



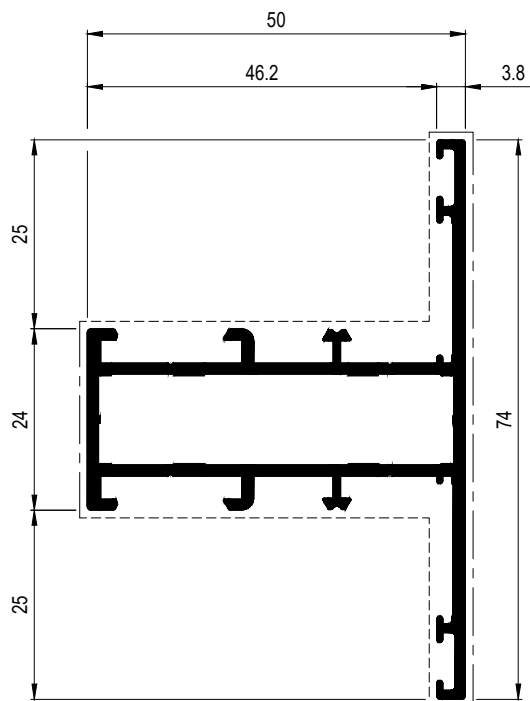
016.0028.XX



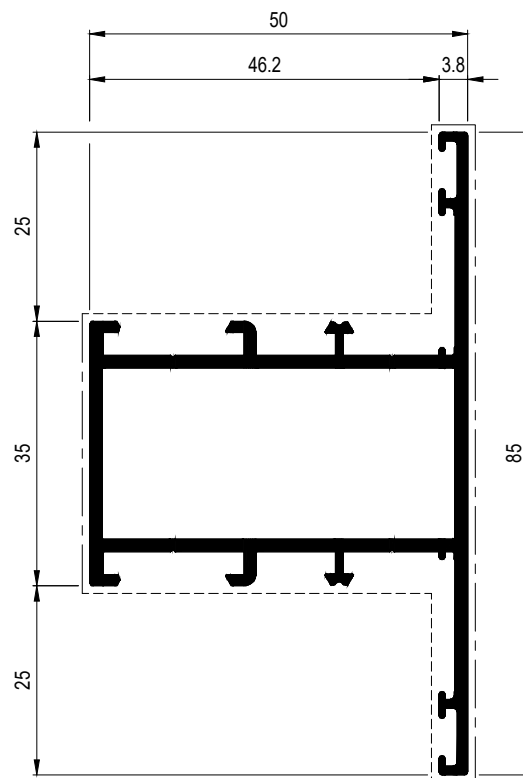
	016.0014.XX	
	068.8194.00	095.H800.00
	068.8194.00	095.B500.00
	068.8862.00	097.N800.00 of-ou-or-oder 097.0398.00
	160.8736.00 or 060.8717.--	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m} \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
016.0113.XX	35.70	10.6	7.00	11.786	3.797	18.96	8.080	2.183	37.00	
016.0120.XX	37.90	12.5	7.00	14.610	4.834	19.78	14.123	3.323	42.50	
016.0114.XX	40.10	14.7	7.00	16.886	5.668	20.21	22.617	4.712	48.00	

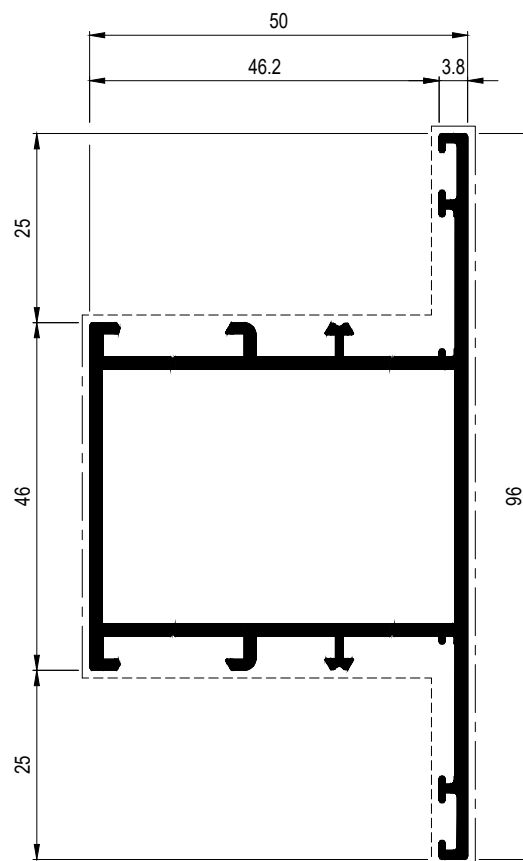
016.0113.XX



016.0120.XX



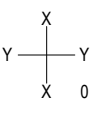
016.0114.XX



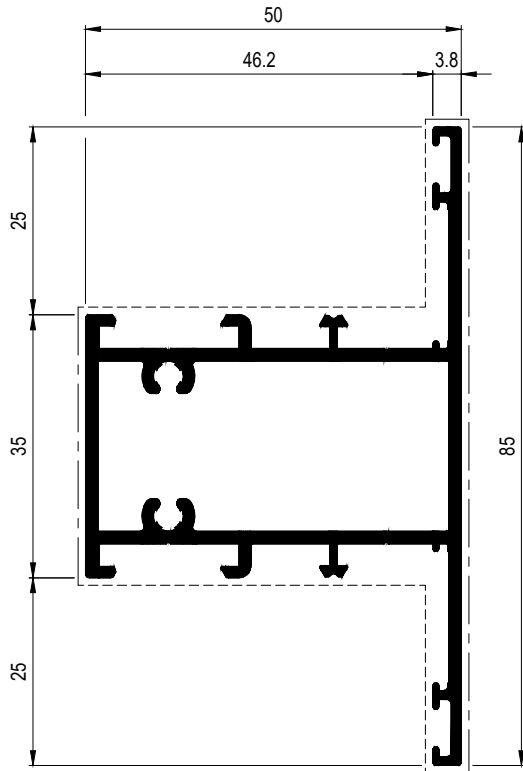
	016.0114.XX	
	068.8192.00	095.H800.00
	068.8192.00	095.B500.00
	068.8857.00	097.N800.00 of-ou-or-order 097.0398.00
	068.9092.00 160.8736.00 (2x)	097.0754.00 of-ou-or-order 097.0393.00
	160.8736.00 or 060.8717.--	---

	016.0113.XX	
	068.8190.00	095.H800.00
	068.8190.00	095.B500.00
	068.8855.00	097.0398.00
	068.9090.00 160.8736.00 (2x)	097.0393.00
	068.8879.00	---
	160.8736.00 or 060.8717.--	---

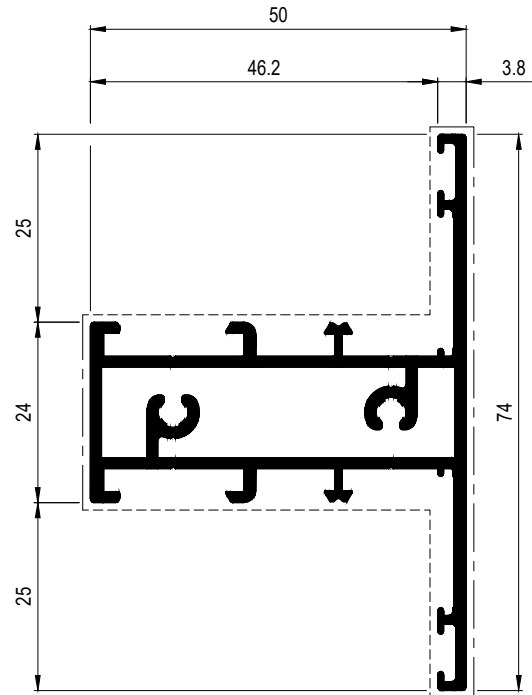
	016.0120.XX	
	068.8191.00	095.H800.00
	068.8191.00	095.B500.00
	068.8856.00	097.0398.00
	068.9091.00 160.8736.00 (2x)	097.0754.00 of-ou-or-order 097.0393.00
	160.8736.00 or 060.8717.--	---

	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
016.0813.XX	35.70	10.6	7.00	13.054	4.298	19.63	8.098	2.189	37.00	
016.0820.XX	37.90	12.5	7.00	15.700	5.437	21.12	14.398	3.388	42.50	
016.0814.XX	40.10	14.7	7.00	17.934	6.276	21.42	23.305	4.855	48.00	

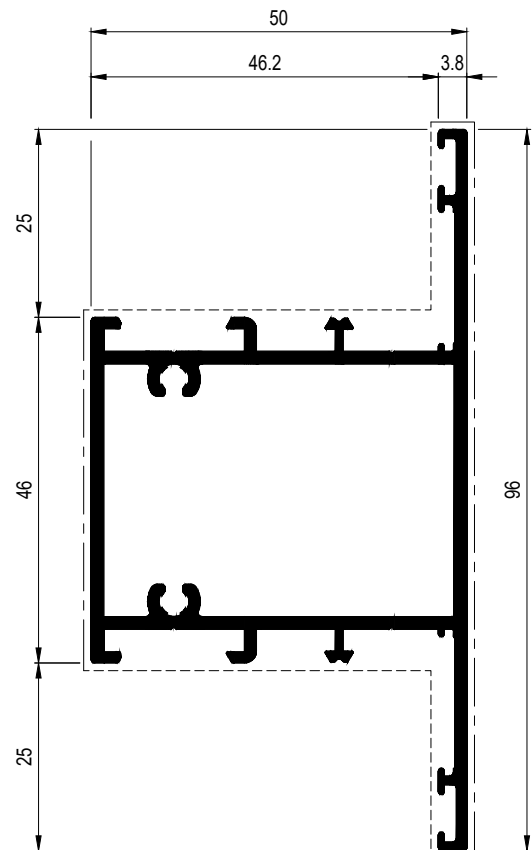
016.0820.XX



016.0813.XX



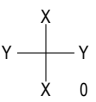
016.0814.XX



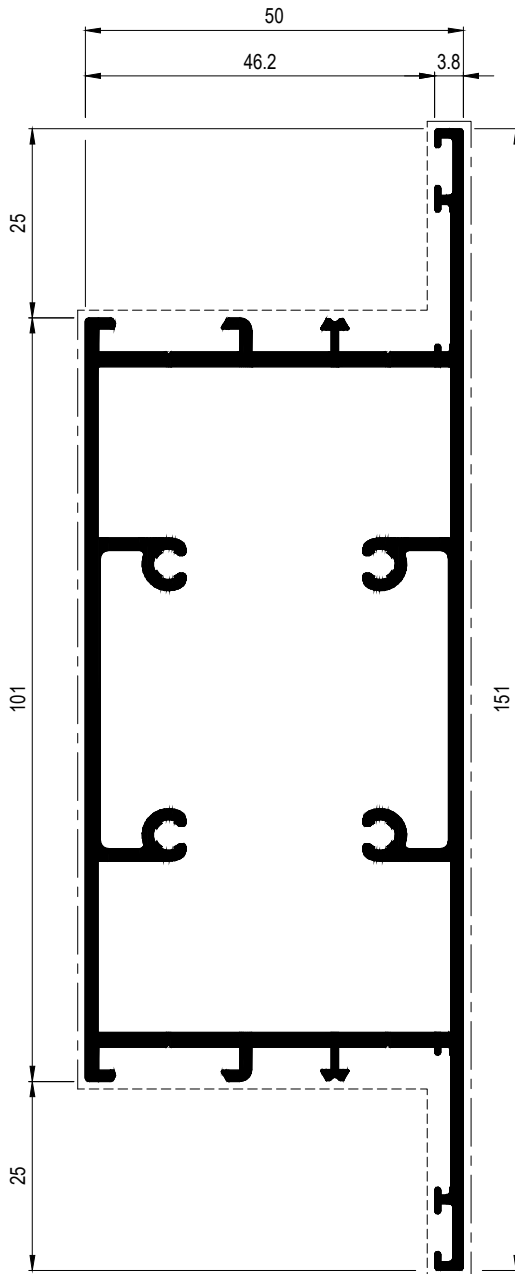
	016.0814.XX	
	052.5315.-- (2x)	097.0400.00
	160.8736.00 (2x)	---

	016.0813.XX	
	052.5315.-- (2x)	097.0400.00
	160.8736.00 (2x)	---

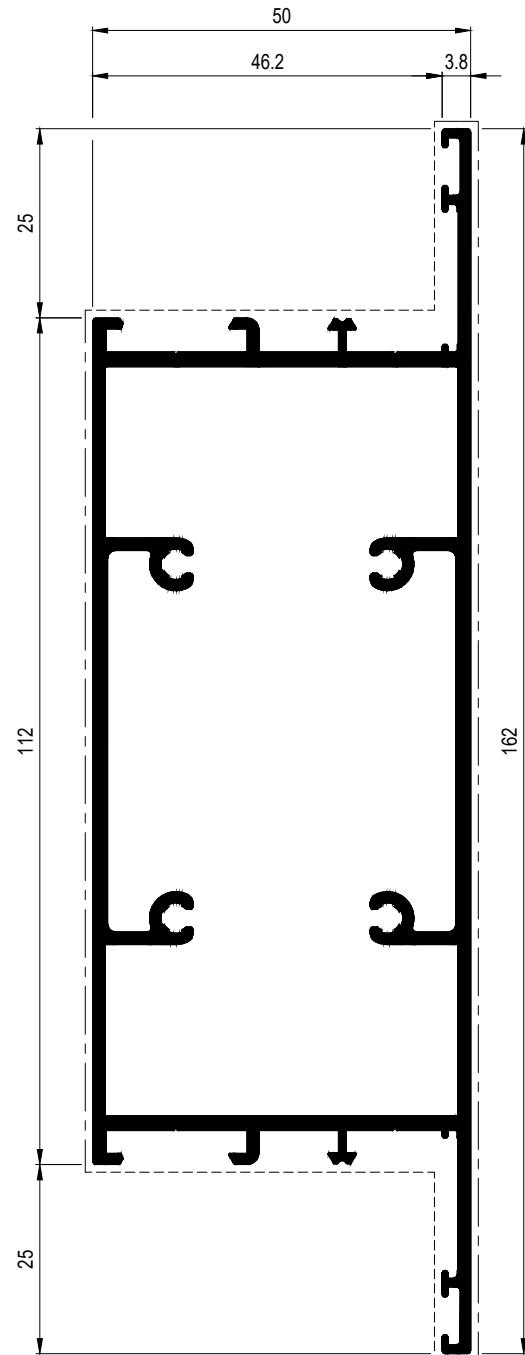
	016.0820.XX	
	052.5315.-- (2x)	097.0400.00
	160.8736.00 (2x)	---

	 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	
016.0817.XX	51.10	26.0	7.00	35.512	12.905	22.48	121.896	16.145	75.50	X Y 0
016.0847.XX	53.30	28.1	7.00	36.435	13.254	22.51	154.487	19.072	81.00	

016.0817.XX L=7.00m
0K6.0817.XX L=1.15m



016.0847.XX L=7.00m
0K6.0847.XX L=1.15m

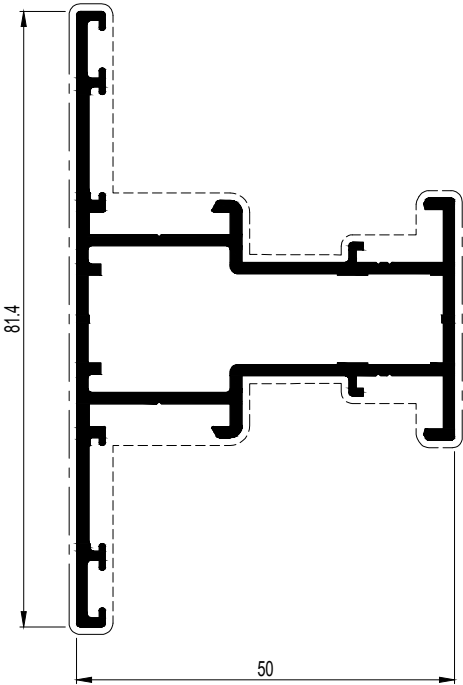


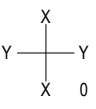
	016.0817.XX	
	068.8191.00	095.H800.00
	068.8191.00	095.B500.00
	068.8856.00	097.0398.00
	068.9093.00 160.8736.00 (2x)	097.0393.00
	160.8736.00 or 060.8717.--	---

	016.0847.XX	
	068.8191.00	095.H800.00
	068.8191.00	095.B500.00
	068.8856.00	097.N800.00 of-ou-or-oder 097.0398.00
	068.9093.00 160.8736.00 (2x)	097.N800.00 of-ou-or-oder 097.0393.00
	160.8736.00 or 060.8717.--	---

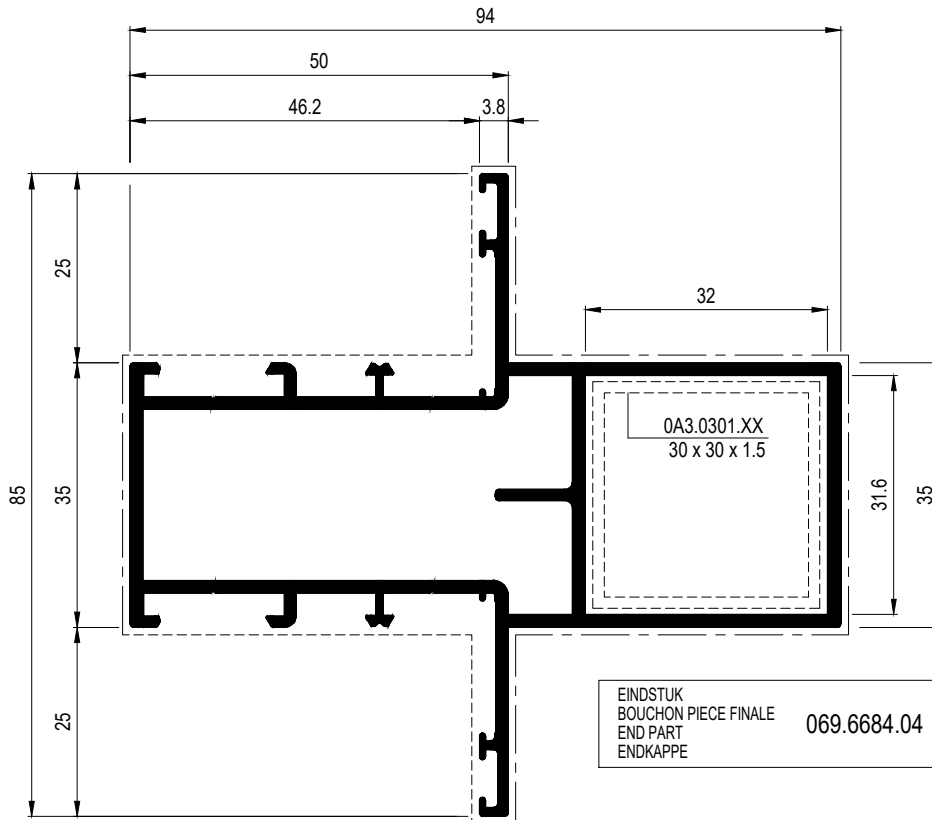
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
044.0120.XX	38.50	12.2	7.00	13.429	4.305	18.80	11.256	2.766	40.70	

044.0120.XX

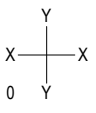


	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
016.0100.XX	46.65	18.0	7.00	50.966	4.471	46.86	19.003	10.812	42.50	

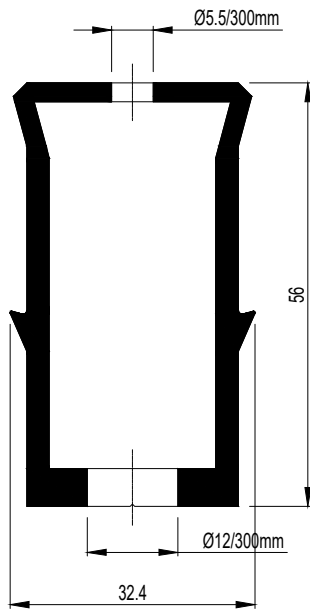
016.0100.XX



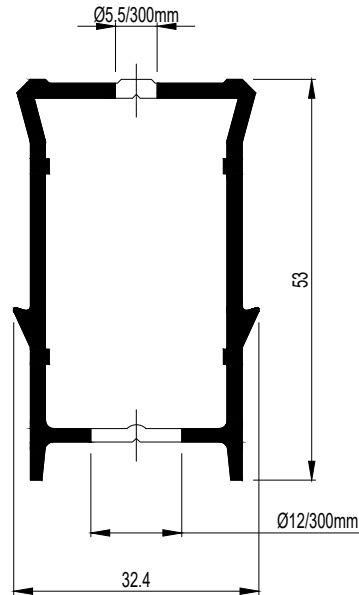
	016.0100.XX	
	068.8191.00	095.H800.00
	068.8191.00	095.B500.00
	068.8856.00	097.0398.00
	068.9091.00 160.8736.00 (2x)	097.0393.00
	160.8736.00 or 060.8717.--	---

	 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	
030.1097.00	17.91	-	7.00	10.273	3.665	28.03	4.510	2.784	16.20	
030.1098.00	17.58	-	7.00	19.669	6.419	25.36	6.303	3.891	16.20	
030.3099.XX	31.23	15.3	7.00	9.625	2.614	23.19	5.654	3.220	17.56	

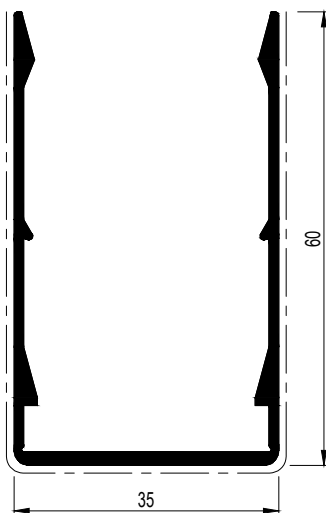
030.1098.00



030.1097.00

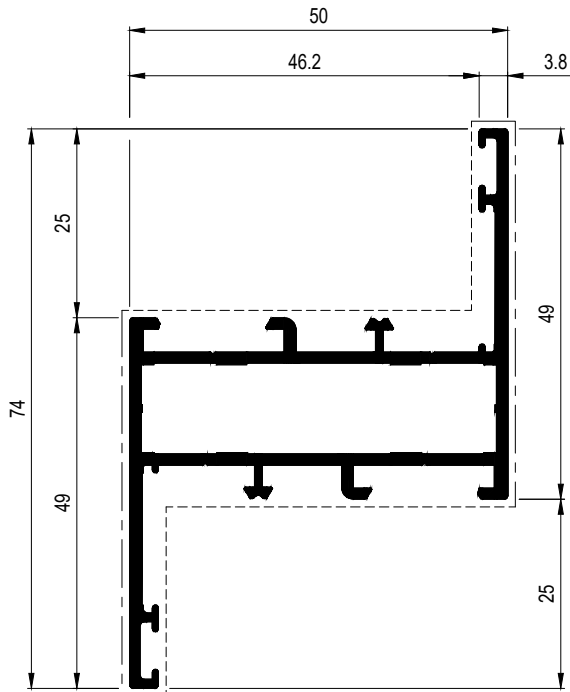


030.3099.XX



				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
016.0143.XX	35.69	10.3	7.00	13.090	5.236	25.00	8.079	2.184	37.00	

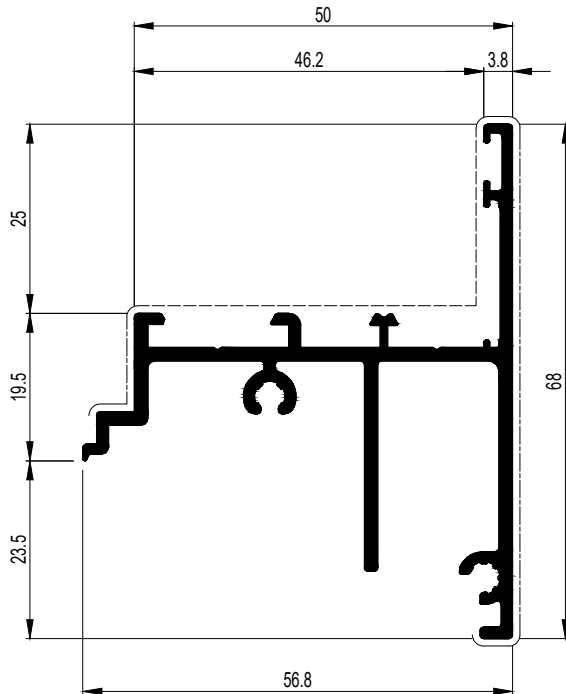
016.0143.XX



	016.0143.XX	
	068.8190.00	095.H800.00
	068.8190.00	095.B500.00
	068.8855.00	097.N800.00 of-ou-or-oder 097.0398.00
	068.9090.00 160.8736.00 (2x)	097.N800.00 of-ou-or-oder 097.0393.00
	160.8736.00 or 060.8717.--	---

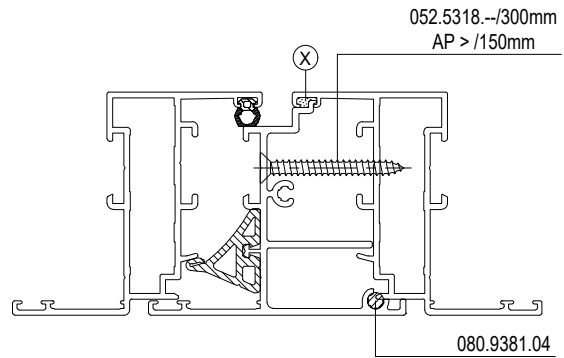
				$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
016.1115.XX	43.27	9.5	7.00	11.519	3.016	18.76	7.409	2.082	32.62	

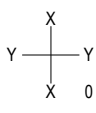
016.1115.XX



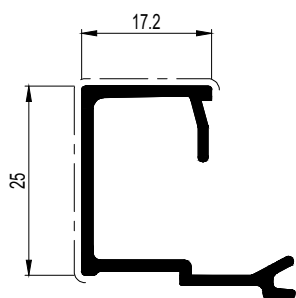
EINSTUK
BOUCHON PIECE FINALE
END PART
ENDKAPPE

169.6679.04

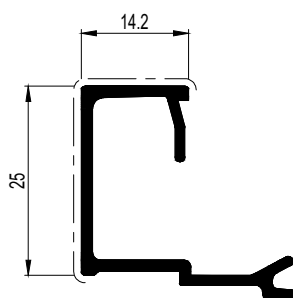


	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
130.3664.XX	15.27	3.7	7.00	1.114	0.704	12.90	0.862	0.448	9.26	
130.3665.XX	15.87	4.0	7.00	1.205	0.789	13.44	0.881	0.468	9.69	
130.3666.XX	16.47	4.3	7.00	1.290	0.873	13.94	0.927	0.506	10.19	
030.3627.XX	18.71	4.6	7.00	1.004	0.571	17.57	1.226	0.778	15.76	
030.3628.XX	18.71	4.9	7.00	1.230	0.748	16.44	1.186	0.705	11.96	
030.3629.XX	19.16	5.2	7.00	1.394	0.872	15.98	1.292	0.761	16.96	
030.3630.XX	19.79	5.5	7.00	1.648	1.067	15.45	1.347	0.778	17.31	
030.3631.XX	20.53	5.8	7.00	1.952	1.120	17.43	1.401	0.796	17.61	
030.3632.XX	22.57	6.1	7.00	2.192	1.134	19.33	1.478	0.806	18.34	
030.3633.XX	23.41	6.4	7.00	2.503	1.164	16.70	1.533	0.815	10.56	
030.3634.XX	24.03	6.7	7.00	2.849	1.201	23.73	1.579	0.823	19.18	

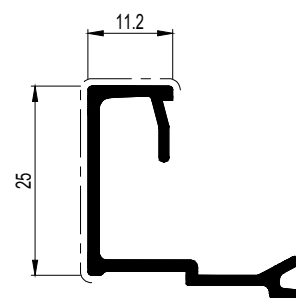
130.3666.XX



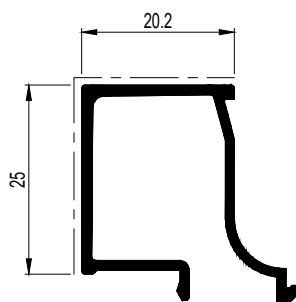
130.3665.XX



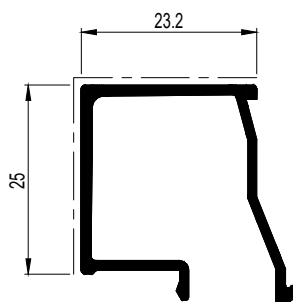
130.3664.XX



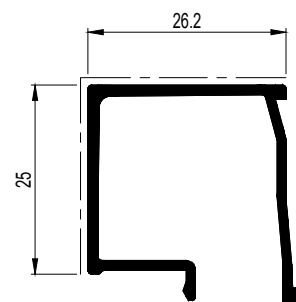
030.3627.XX



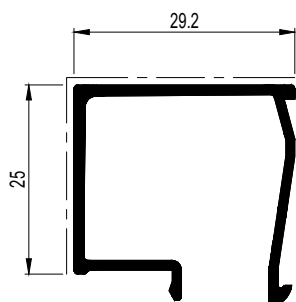
030.3628.XX



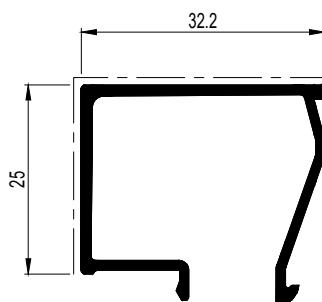
030.3629.XX



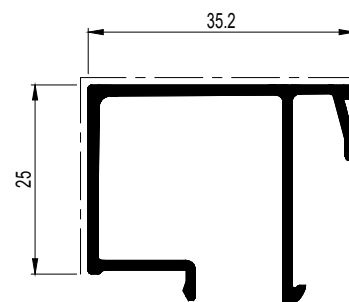
030.3630.XX



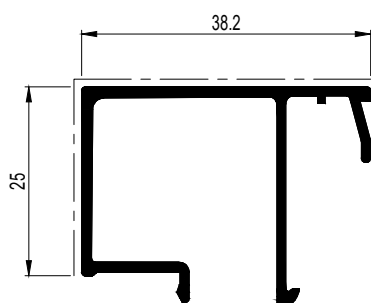
030.3631.XX



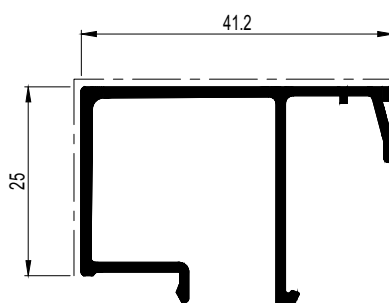
030.3632.XX

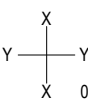


030.3633.XX

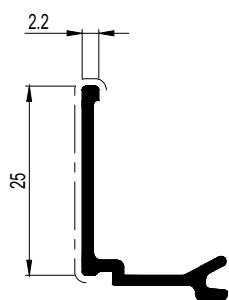


030.3634.XX

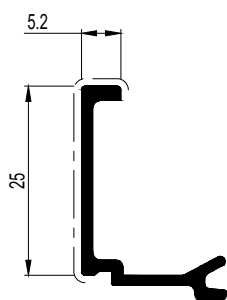


	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	ax mm	I _y cm ⁴	W _y cm ³	ay mm	
130.3644.XX	10.05	2.8	7.00	0.545	0.293	10.12	0.311	0.228	5.91	
130.3645.XX	10.63	3.1	7.00	0.712	0.411	11.40	0.314	0.228	5.75	
130.3646.XX	12.87	3.4	7.00	0.929	0.606	13.38	0.315	0.233	5.97	
030.3607.XX	15.10	3.7	7.00	0.333	0.255	13.05	0.894	0.581	15.39	
030.3608.XX	15.09	4.0	7.00	0.431	0.355	12.13	0.914	0.559	16.34	
030.3609.XX	15.54	4.3	7.00	0.548	0.485	11.28	0.970	0.576	16.85	
030.3610.XX	16.16	4.6	7.00	0.690	0.644	10.71	1.019	0.590	17.26	
030.3611.XX	16.91	4.9	7.00	0.874	0.689	12.68	1.072	0.608	17.64	
030.3612.XX	18.96	5.2	7.00	0.995	0.670	14.85	1.148	0.619	18.53	
030.3613.XX	19.56	5.5	7.00	1.191	0.696	17.13	1.183	0.629	18.81	
030.3614.XX	20.15	5.8	7.00	1.437	0.741	19.40	1.218	0.640	19.03	

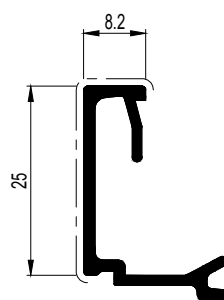
130.3644.XX



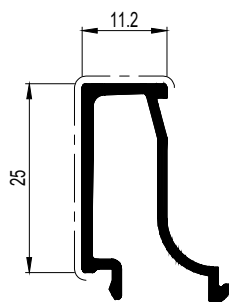
130.3645.XX



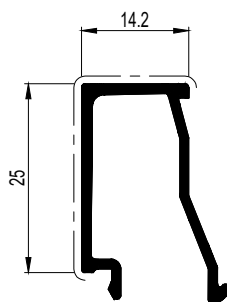
130.3646.XX



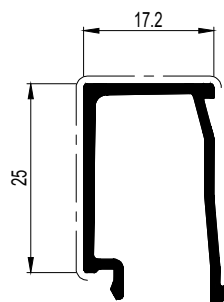
030.3607.XX



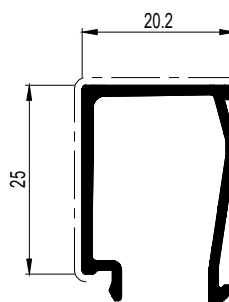
030.3608.XX



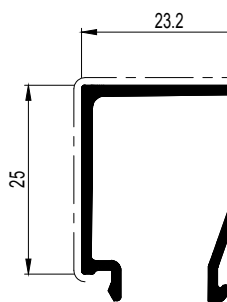
030.3609.XX



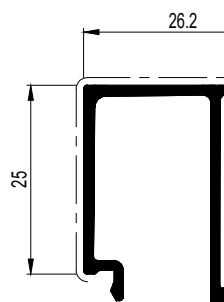
030.3610.XX



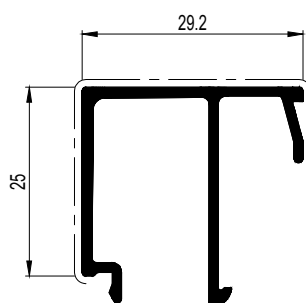
030.3611.XX



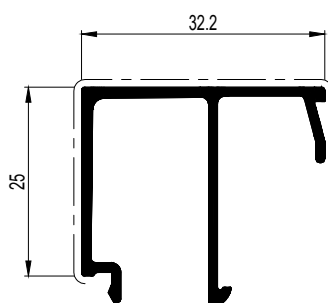
030.3612.XX

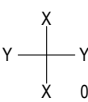


030.3613.XX

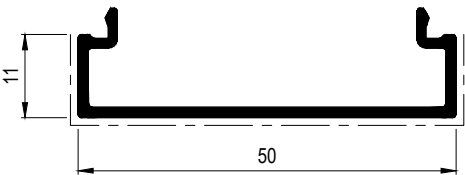


030.3614.XX

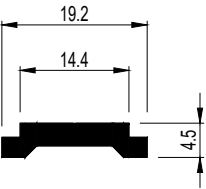


	 $\frac{A}{dm^2/m}$	 $\frac{P}{dm^2/m}$	 L_m	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
016.0161.XX	16.88		7.00	3.887	1.555	25.00	0.218	0.202	3.74	
001.0075.AN	4.90	1.8	6.00	-	-	-	-	-	-	
030.1141.00	-	-	7.00	5.619	1.673	21.01	1.162	0.789	14.73	

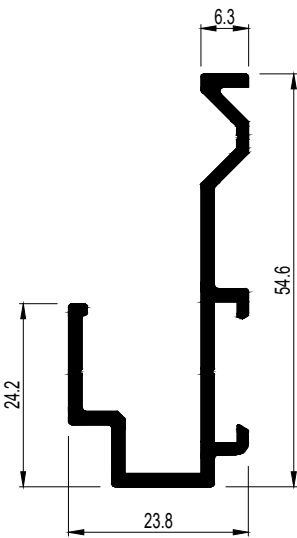
016.0161.XX



001.0075.AN

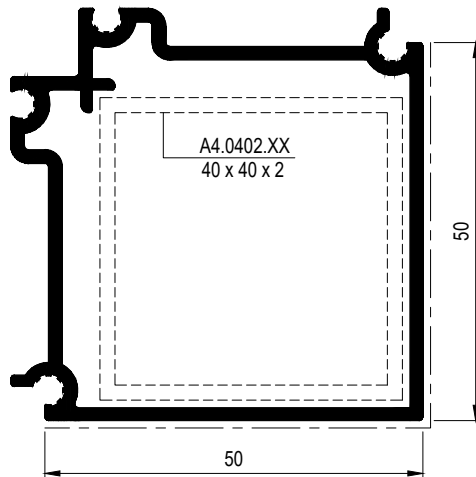


030.1141.00

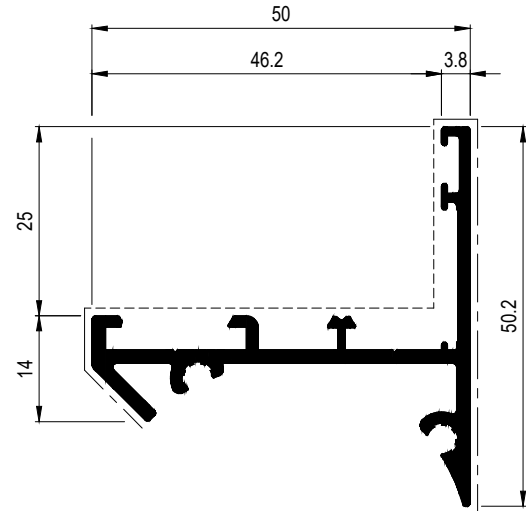


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
016.0132.XX	26.45	10.0	7.00	16.089	5.791	27.78	16.077	5.784	27.79	
016.0104.XX	29.80	7.3	7.00	8.093	2.552	18.29	2.522	0.880	21.61	
016.0178.XX	20.12	4.2	7.00	6.505	2.406	22.89	3.749	1.567	23.92	
016.0179.XX	18.17	2.7	7.00	5.604	2.119	21.90	1.622	0.857	18.94	

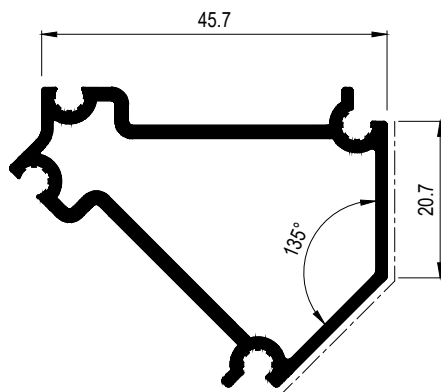
016.0132.XX



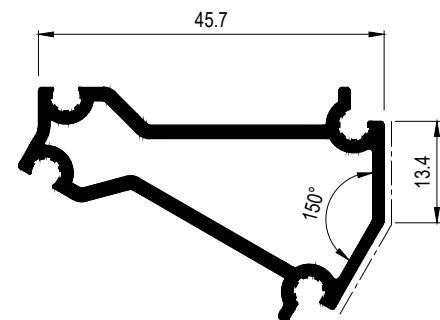
016.0104.XX



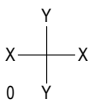
016.0178.XX



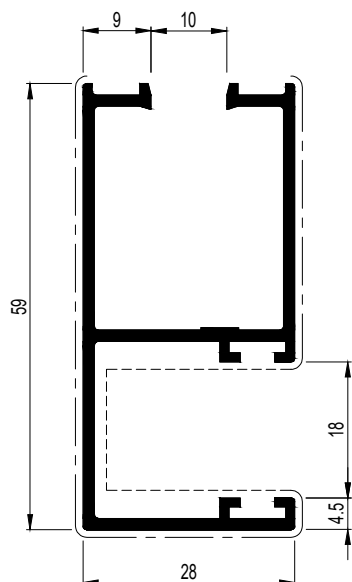
016.0179.XX



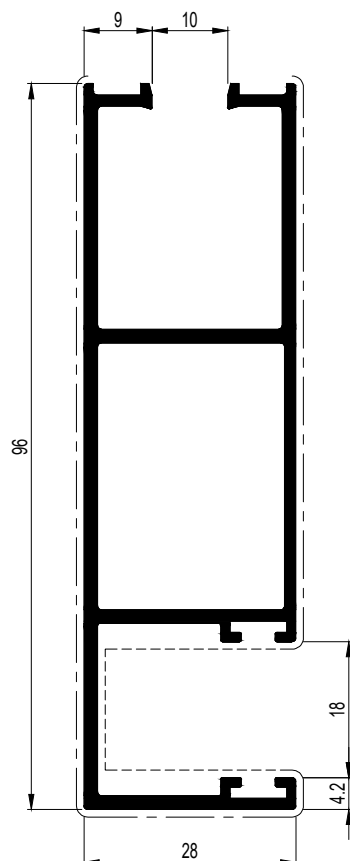
	016.0104.XX	
	068.9090.00 060.8717.-- (2x)	---

	 $\frac{A}{dm^2/m}$	 $\frac{P}{dm^2/m}$	 L_m	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
004.3167.XX	35.96	12.9	6.00	9.873	3.238	28.51	3.238	2.151	12.95	
004.3168.XX	54.76	30.3	6.00	41.102	8.444	47.32	5.965	3.932	12.83	

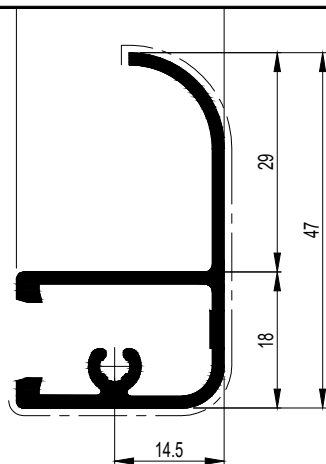
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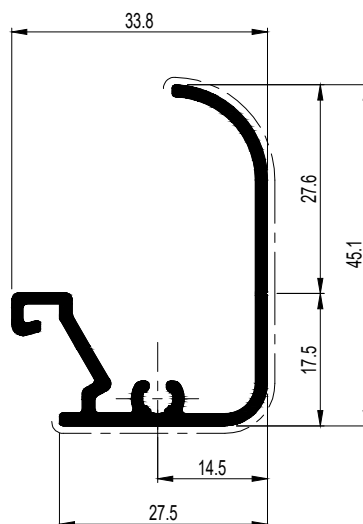
004.3168.XX



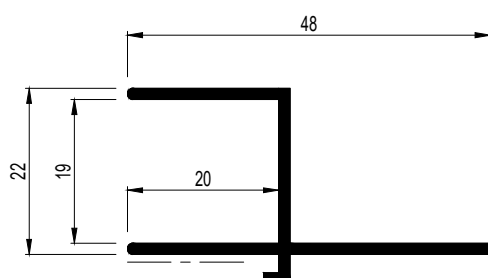
	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m} \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
004.3130.XX	19.05	1.6	6.00	1.141	0.774	27.84	1.881	0.675	11.18	
130.1143.XX	22.82	7.9	6.00	3.500	1.059	15.66	2.249	1.053	15.33	
004.3843.XX	23.68	8.0	6.00	4.009	1.264	10.47	1.621	0.952	15.29	

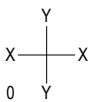


130.1143.XX

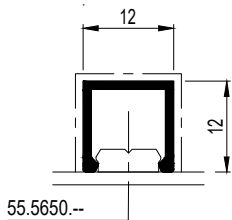


004.3130.XX

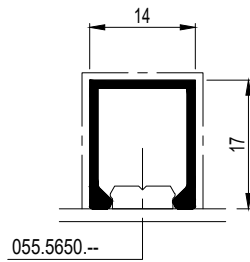


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\leftarrow L_m \rightarrow$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	ax mm	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	ay mm	
025.0056.XX	7.12	3.6	6.00	0.064	0.089	7.19	0.092	0.153	6.00	
025.0058.XX	9.80	4.8	6.00	0.207	0.222	9.36	0.190	0.272	7.00	
035.0104.00	2.23	-	6.00	0.001	0.011	1.48	0.013	0.030	4.29	
030.1158.XX	29.81	10.5	6.50	0.251	0.349	7.21	28.527	4.686	60.87	
030.1159.XX	34.81	13.0	6.50	0.266	0.355	7.49	49.710	6.703	74.16	
030.1160.XX	39.81	15.5	6.50	0.278	0.360	7.70	79.505	9.155	86.84	

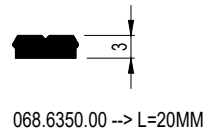
025.0056.XX



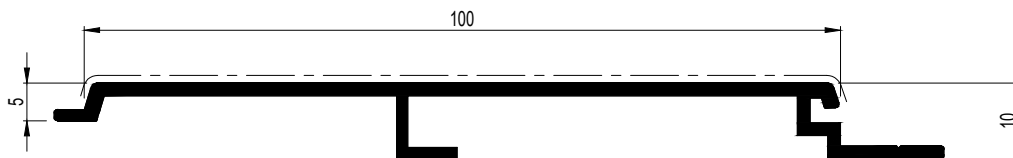
025.0058.XX



035.0104.00



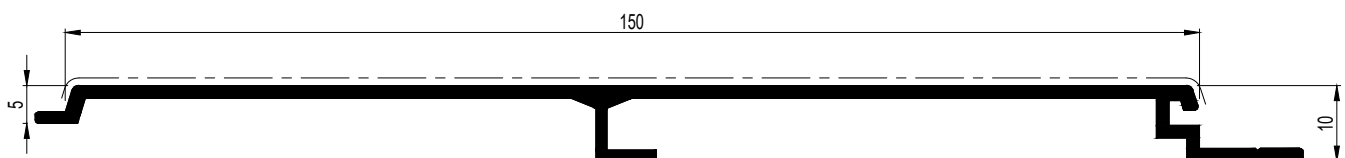
030.1158.XX



030.1159.XX

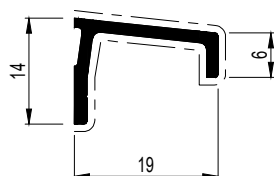


030.1160.XX

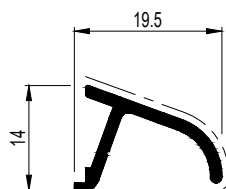


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x cm^4$	$W_x cm^3$	$a_x mm$	$I_y cm^4$	$W_y cm^3$	$a_y mm$	
004.3846.XX	7.39	5.9	6.00	0.074	0.077	4.48	0.257	0.224	7.52	
030.3119.XX	7.27	2.3	6.00	0.071	0.096	7.38	0.187	0.175	8.84	
026.0119.XX	12.77	3.8	6.00	0.314	0.274	10.28	0.870	0.424	9.50	
035.0082.00	34.39	15.4	6.00	-	-	-	-	-	-	

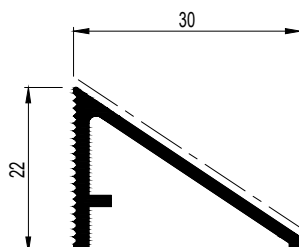
004.3846.XX



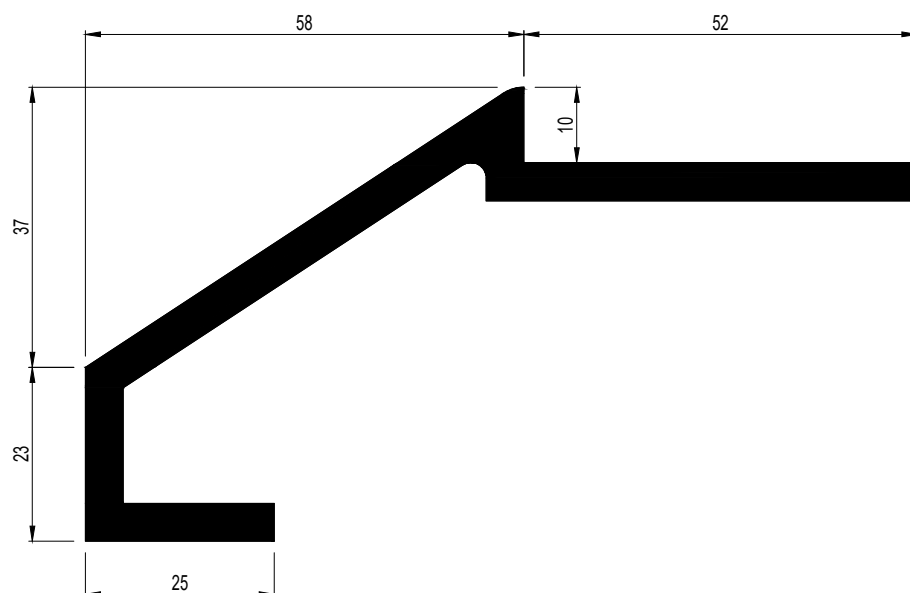
030.3119.XX

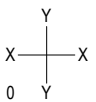


026.0119.XX

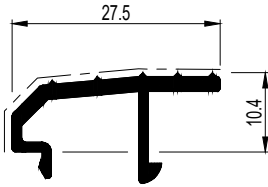


035.0082.00

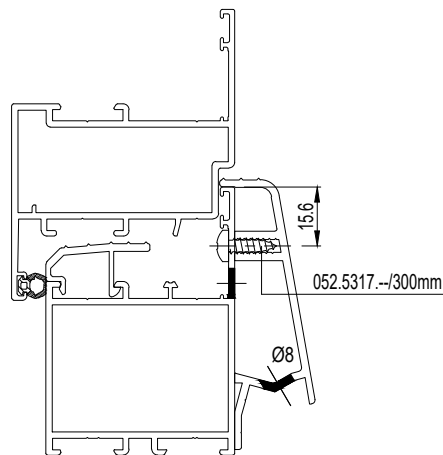
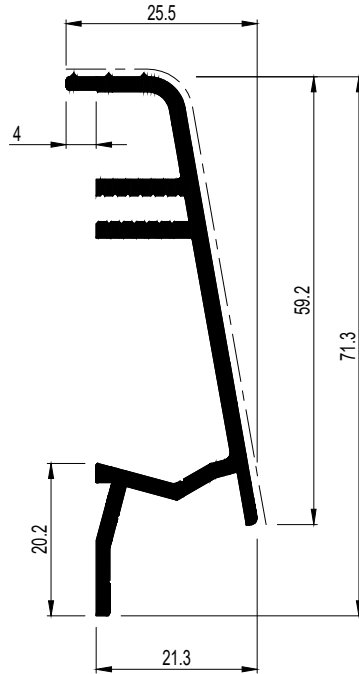


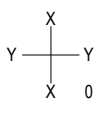
	 A dm ² /m	 P dm ² /m	 L _m	I _x cm ⁴	W _x cm ³	a _x mm	I _y cm ⁴	W _y cm ³	a _y mm	
030.3876.XX	10.81	2.2	7.00	0.559	0.372	12.48	0.147	0.152	9.04	
030.3877.XX	27.19	7.2	7.00	11.722	2.981	39.32	1.086	0.799	13.59	

030.3876.XX

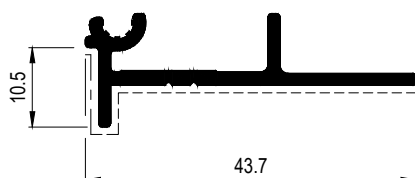


030.3877.XX

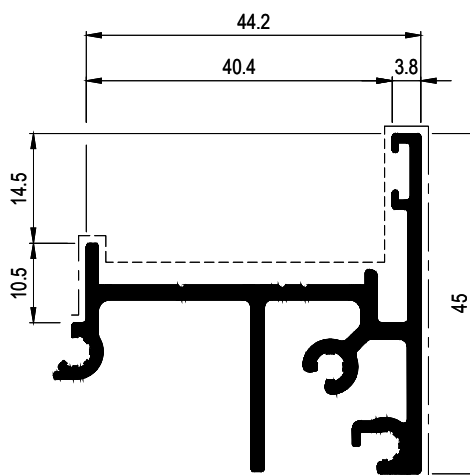


	$\frac{A}{dm^2/m}$	$\frac{P}{dm^2/m}$	$\overleftarrow{L_m}$	$I_x \text{ cm}^4$	$W_x \text{ cm}^3$	$a_x \text{ mm}$	$I_y \text{ cm}^4$	$W_y \text{ cm}^3$	$a_y \text{ mm}$	
016.0029.XX	14.40	1.3	6.00	1.970	0.734	26.85	0.103	0.134	7.71	
016.1015.XX	35.16	6.8	6.00	7.106	2.184	16.06	2.940	1.133	19.05	
016.0049.XX	16.07	3.9	6.00	0.806	0.792	15.38	0.792	0.436	16.53	
005.0030.XX	14.25	2.7	6.00	0.927	0.612	15.16	0.339	0.247	13.72	
005.1034.XX	18.82	2.6	6.00	0.834	0.452	18.46	3.200	1.434	17.13	
001.0071.XX	8.08	4.1	6.00	0.812	0.477	17.00	0.010	0.039	2.52	

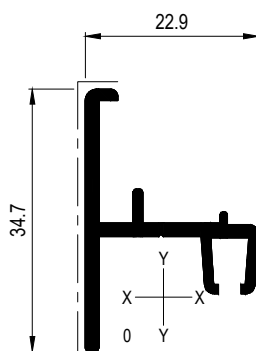
016.0029.XX



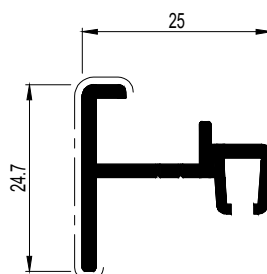
016.1015.XX



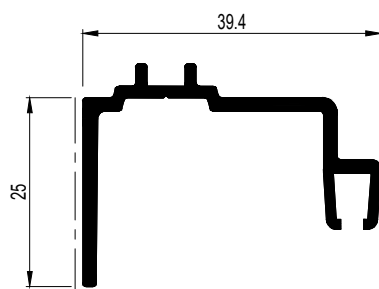
016.0049.XX



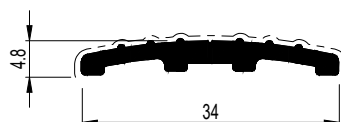
005.0030.XX



005.1034.XX



001.0071.XX



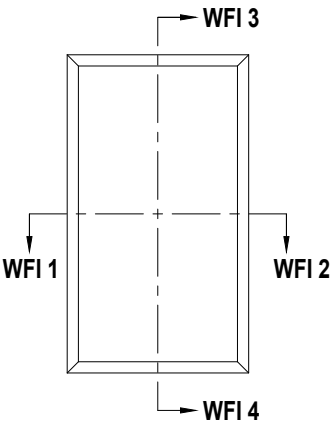
C

E



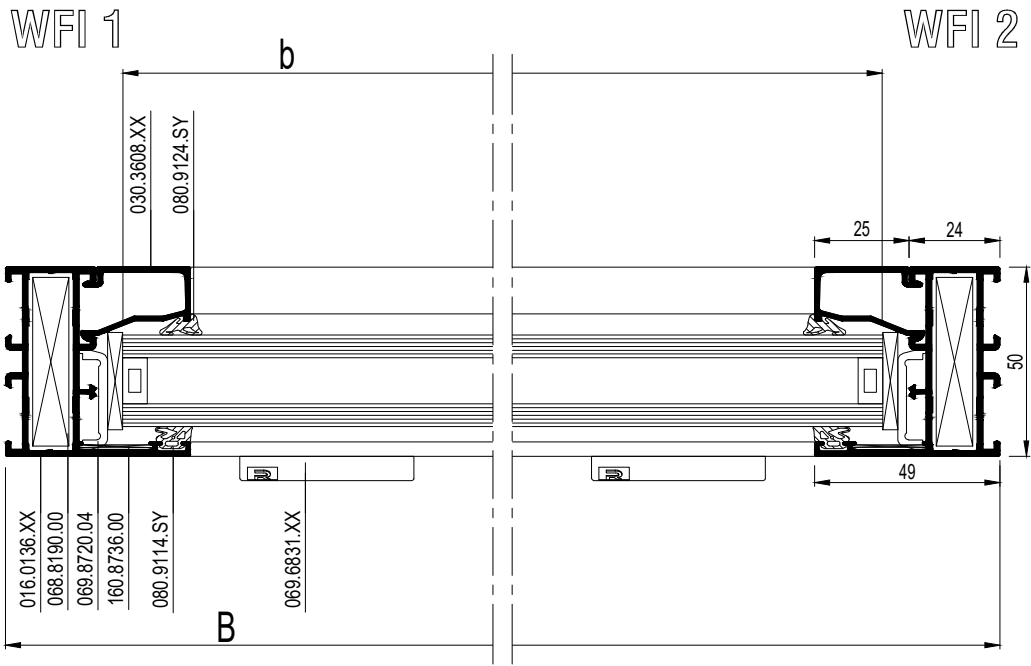
Reynaers
Aluminium

Werktekeningen
Coupes et débits
Work drawings
Werkzeichnungen



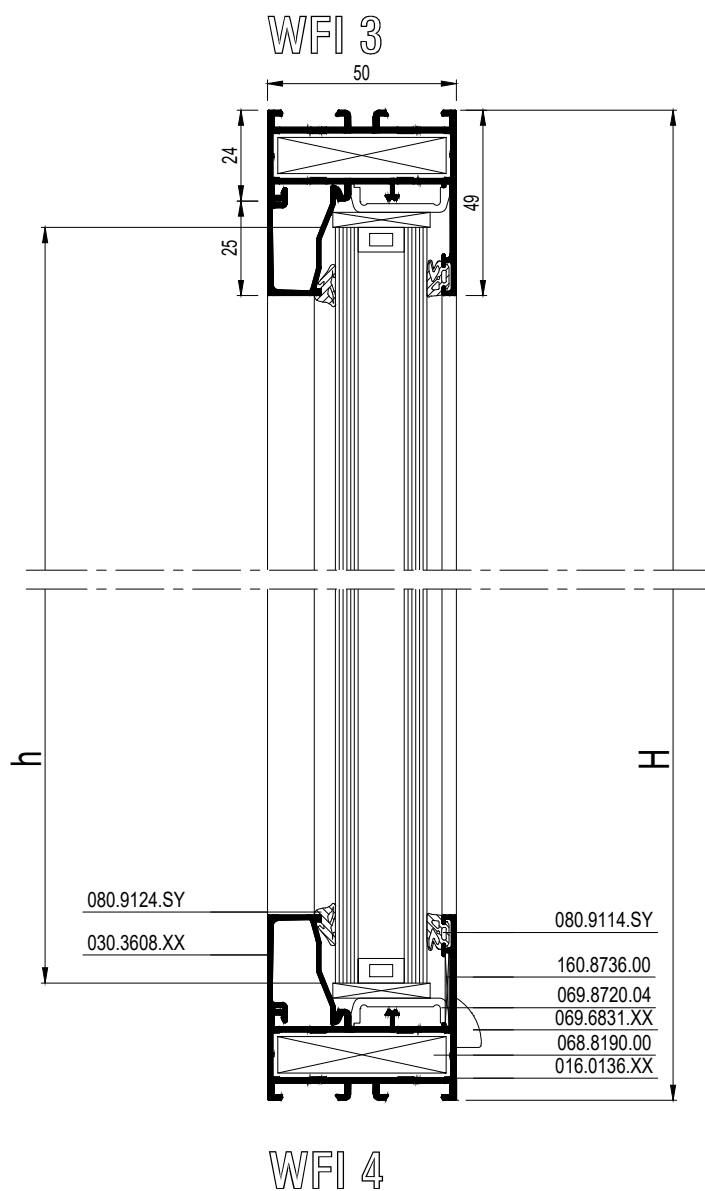
				#	Lm
016.0136.XX				2	B
				2	H
030.3608.XX				2	B-48
				2	H-98

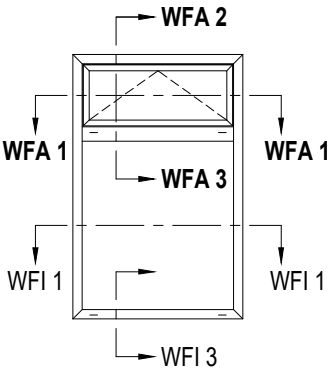
b = B - 62
h = H - 62



		#
068.8190.00		4
160.8736.00		4
069.6831.XX		C14C.F....
080.9124.SY		(2xB)+(2xH)
080.9114.SY		(2xB)+(2xH)
069.8720.04		C14C.F....

BESLAG DEUREN > ZIE "OPENING WINDOWS"
 ACCESSOIRES PORTES > VOIRE "OPENING WINDOWS"
 DOORS GEAR > SEE "OPENING WINDOWS"
 TUERENBESCHLAG > SIEHE "OPENING WINDOWS"



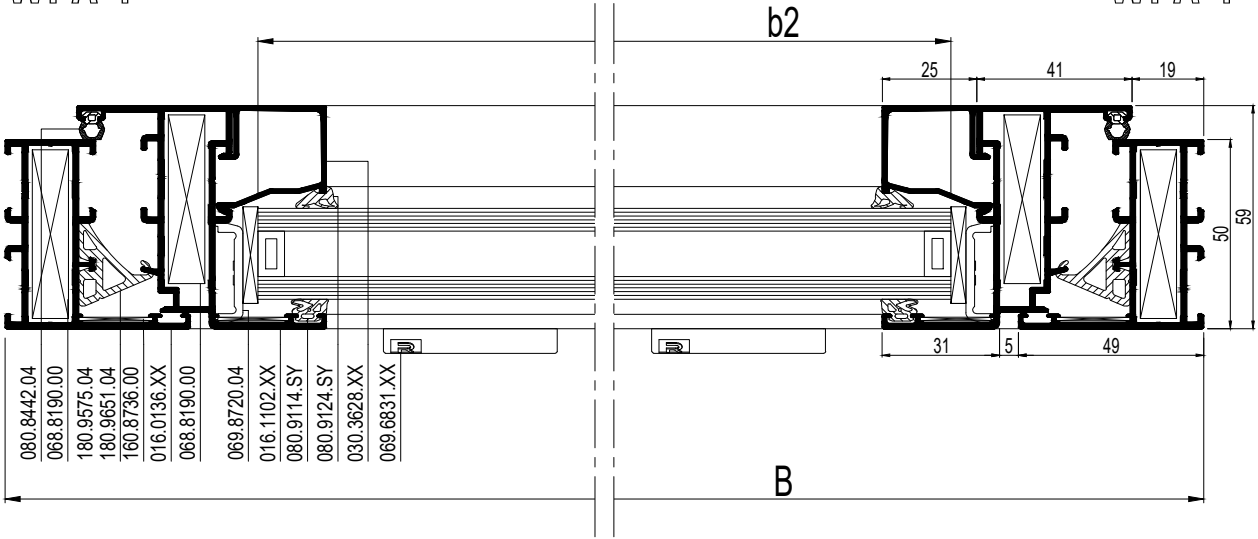


			#	Lm
016.0136.XX			2	B
			2	H
016.1102.XX			2	B - 38
			2	H2 - 26
016.0113.XX			1	B - 48
030.3608.XX			2	B - 48
			2	H1 - 86
030.3628.XX			2	B - 120
			2	H - 158


b1 = B - 62
h1 = H1 - 50
b2 = B - 134
h2 = H2 - 122

WFA 1

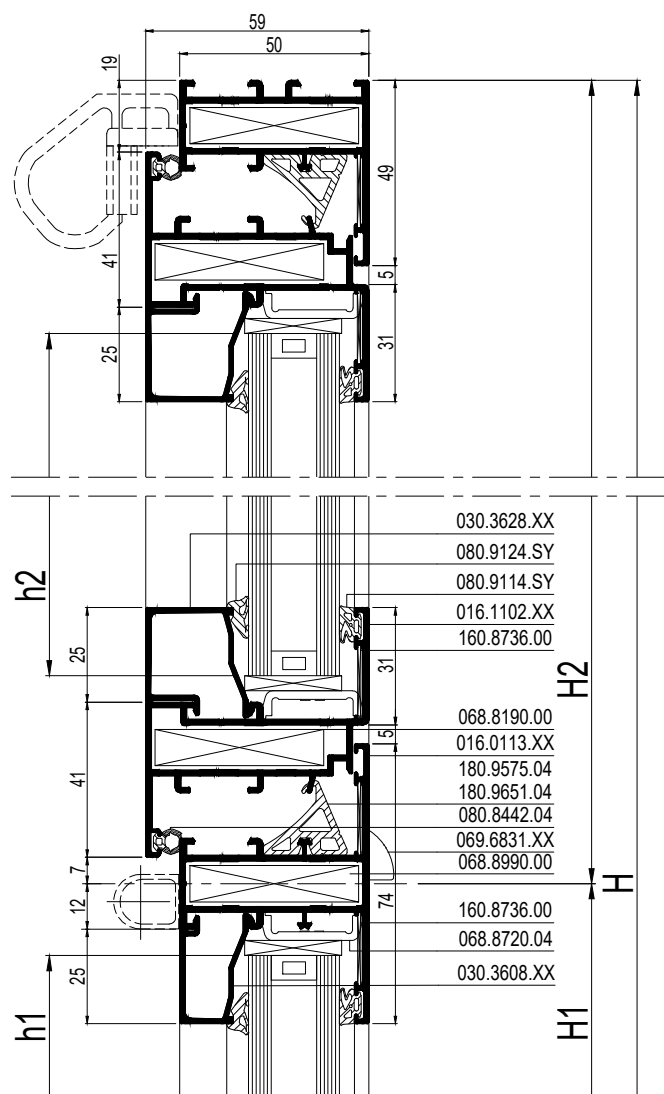
WFA 1



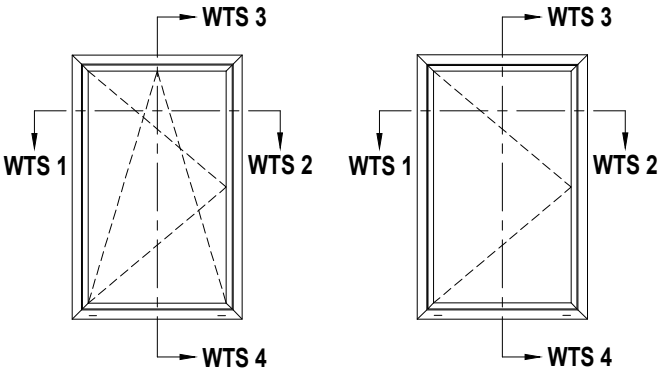
		#
068.8190.00		8
160.8736.00		12
068.9090.00		2
068.8996.04		2
069.6831.XX		C14.F....
069.8720.04		C14.F....
080.9114.SY		(2xb1)+(2xh1) (2xb2)+(2xh2)
080.9124.SY		(2xb1)+(2xh1) (2xb2)+(2xh2)
180.9651.04		(2xB)+(2xH2)
180.9575.04		4
080.8442.04		(2xB)+(2xH2)

RAAMBESLAG > ZIE "OPENING WINDOWS"
 ACCESSOIRES FENETRES > VOIRE "OPENING WINDOWS"
 WINDOW GEAR > SEE "OPENING WINDOWS"
 FENSTERBESCHLAG > SIEHE "OPENING WINDOWS"

WFA 2



WFA 3

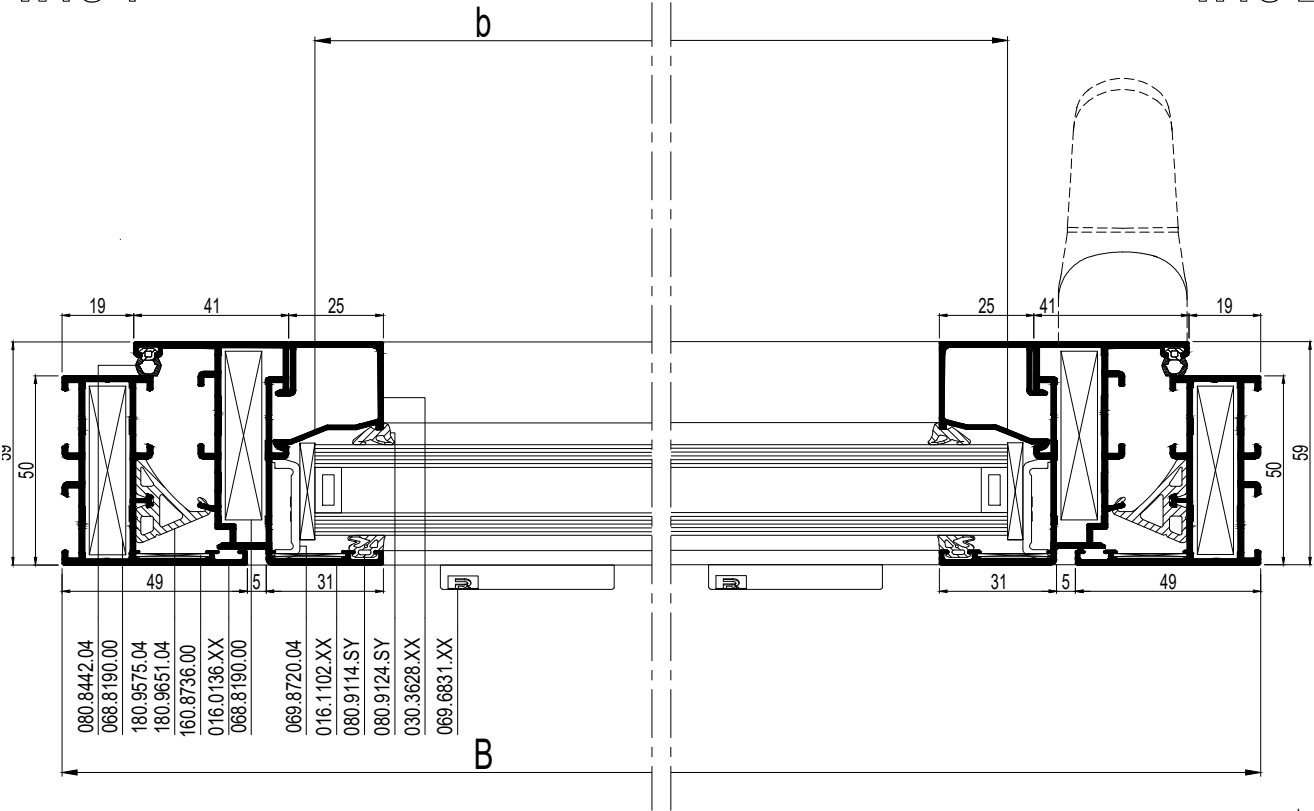


			#	Lm
016.0136.XX			2	B
			2	H
016.1102.XX			2	B - 38
			2	H - 38
030.3628.XX			2	B - 120
			2	H - 170


b = B - 134
h = H - 134

WTS 1

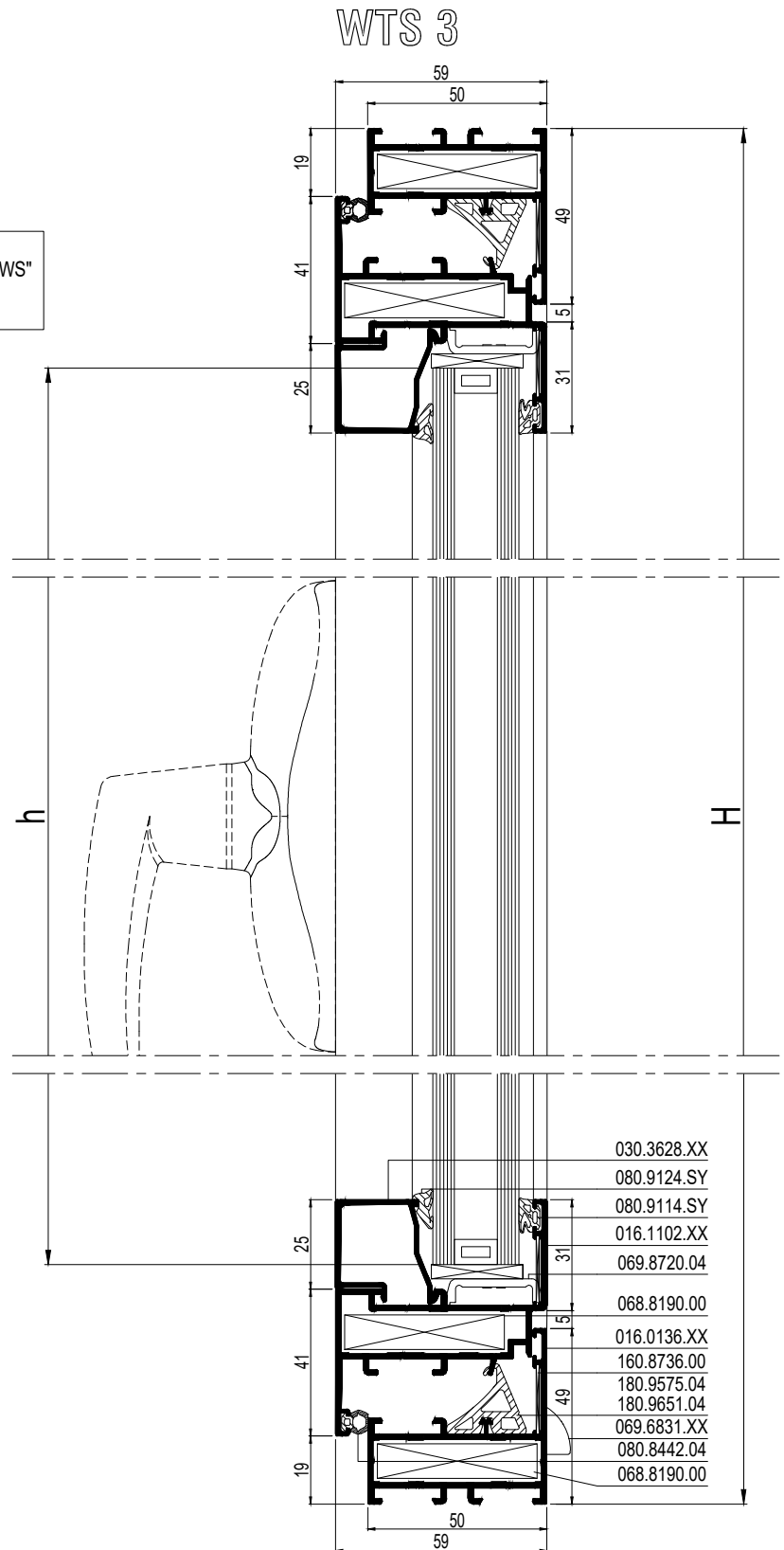
WTS 2



schaal - échelle
scale - Maßstab
1/2

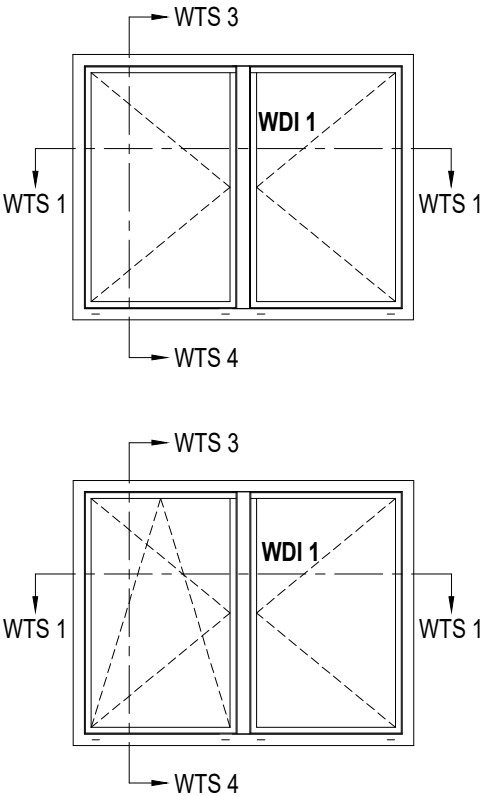
		#
068.8190.00		8
160.8736.00		8
069.6831.XX		C14C.F....
069.8720.04		C14C.F....
080.8442.04		(2xB)+(2xH)
180.9651.04		(2xB)+(2xH)
080.9114.SY		(2xb)+(2xb)
080.9124.SY		(2xb)+(2xh)
180.9575.04		4

RAAMBESLAG > ZIE "OPENING WINDOWS"
ACCESSOIRES FENETRES > VOIRE "OPENING WINDOWS"
WINDOW GEAR > SEE "OPENING WINDOWS"
FENSTERBESCHLAG > SIEHE "OPENING WINDOWS"



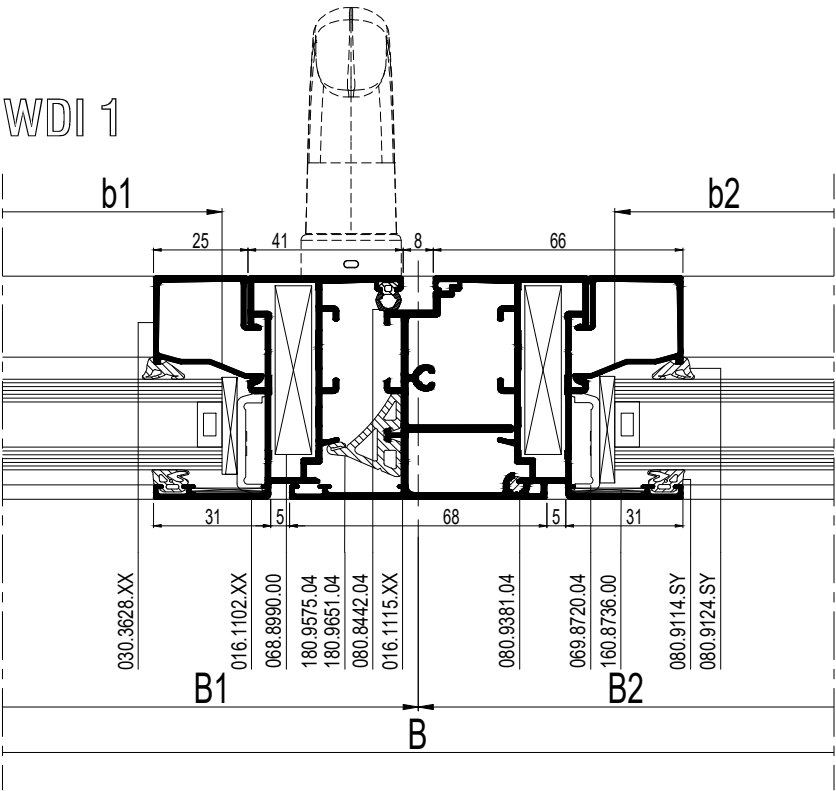
WTS 4

schaal - échelle
scale - Maßstab
1/2



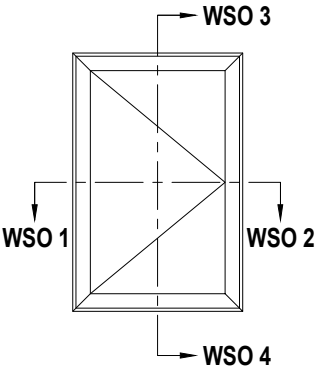
			#	Lm
016.0136.XX			2	B
			2	H
016.1102.XX			2	B1 - 23
			2	B2 - 23
			2	H - 38
016.1115.XX			1	H - 112
030.3628.XX			2	B1 - 105
			2	B2 - 105
			4	H - 170

b1 = B1 - 119
h = H - 134
b2 = B2 - 119
h = H - 134



		#
068.8190.00		12
160.8736.00		12
069.8720.04		14C.F....
169.6679.04		1
052.5313.--		2
069.6831.XX		14C.F....
080.9381.04		1xH
080.9124.SY		(2xb1) + (2xh)
		(2xb2) + (2xh)
080.9114.SY		(2xb1) + (2xh)
		(2xb2) + (2xh)
180.9651.04		(2xB) + (3xH)
080.8442.04		(2xB) + (3xH)
180.9575.04		4

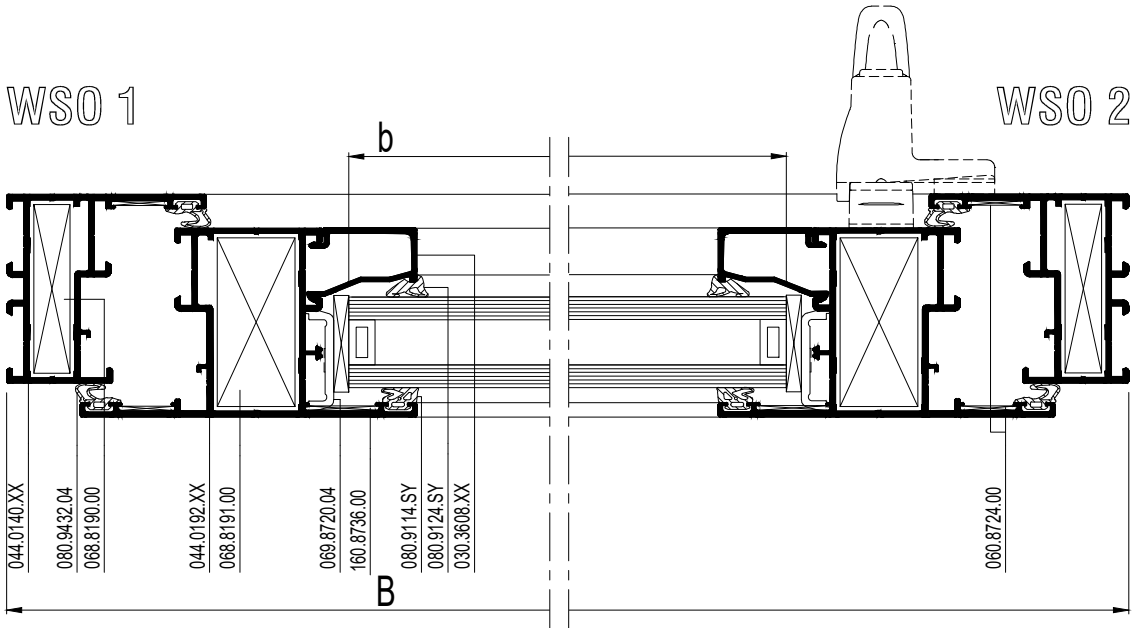
RAAMBESLAG > ZIE "OPENING WINDOWS"
ACCESSOIRES FENETRES > VOIRE "OPENING WINDOWS"
WINDOW GEAR > SEE "OPENING WINDOWS"
FENSTERBESCHLAG > SIEHE "OPENING WINDOWS"



			#	Lm
044.0140.XX			2	B
			2	H
044.0192.XX			2	B - 39
			2	H - 39
030.3608.XX			2	B - 167
			2	H - 217
004.3846.XX			1	B

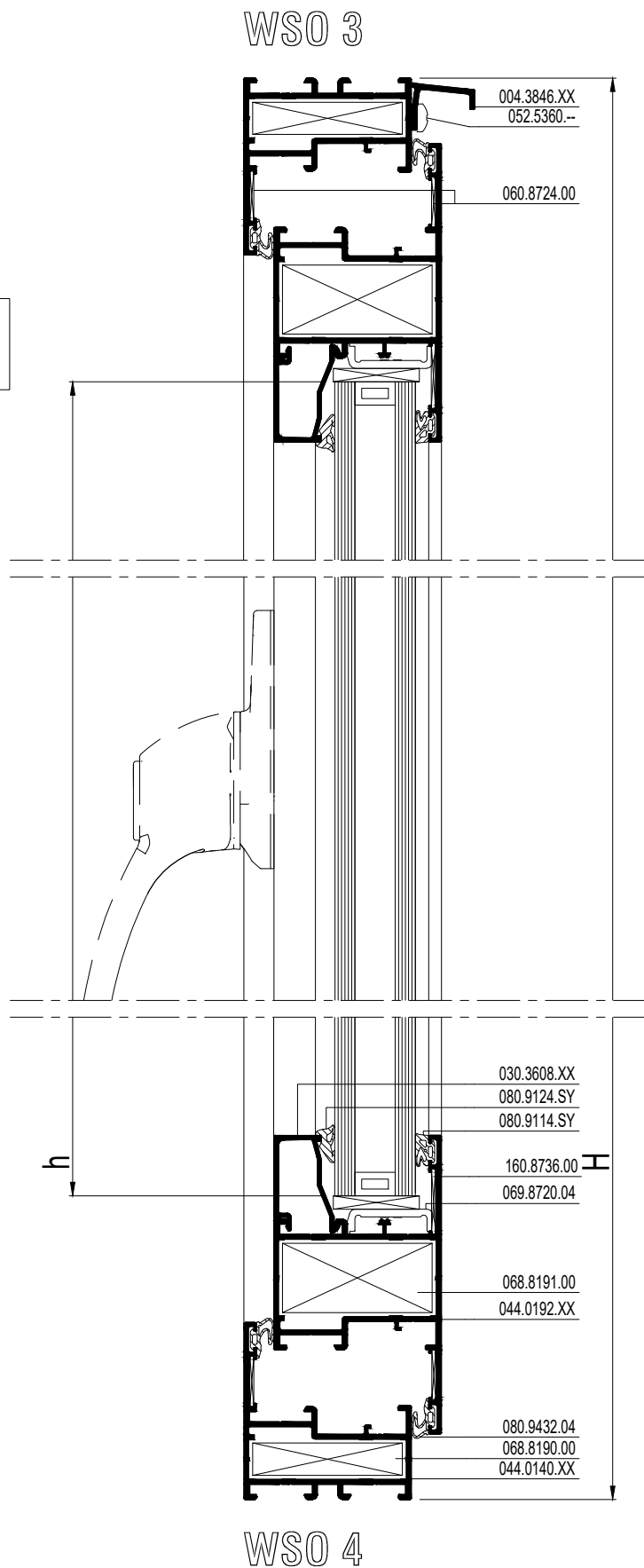

b = B - 181
h = H - 181

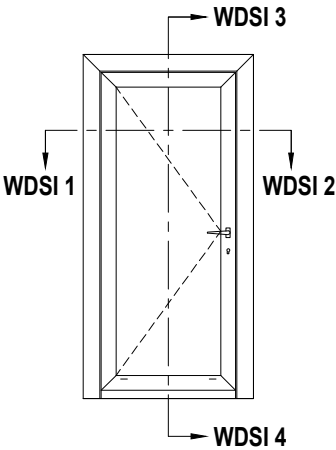
			
	095.C300.00 or 095.E000.00 or 095.E010.00	095.E000.00 or 095.E010.00	095.E010.00
	095.C300.00 or 095.E000.00 or 095.E010.00	095.E000.00 or 095.E010.00	095.E010.00



		#
068.8190.00		4
068.8191.00		4
160.8736.00		4
060.8724.00		8
069.8720.04		C14C.F...
080.9432.04		(4xB)+(4xH)
080.9114.SY		(2xb)+(2xh)
080.9124.SY		(2xb)+(2xh)
052.5360.--		B (3/m)

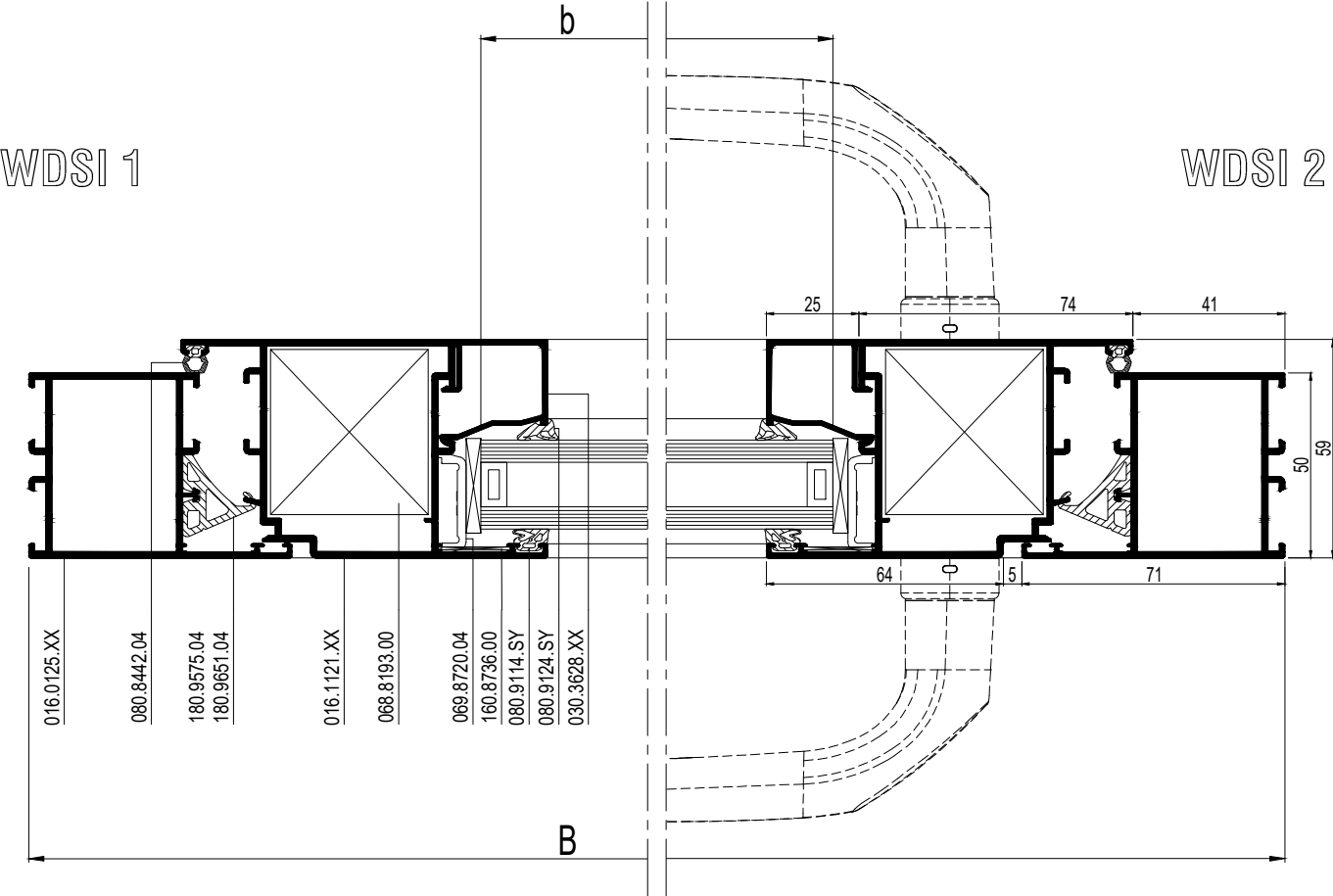
RAAMBESLAG > ZIE OPENING WINDOWS
 ACCESOIRES FENETRE > VOIR OPENING WINDOWS
 WINDOW GEAR > SEE OPENING WINDOWS
 FENSTERBESCHLAG > SEHE OPENING WINDOWS





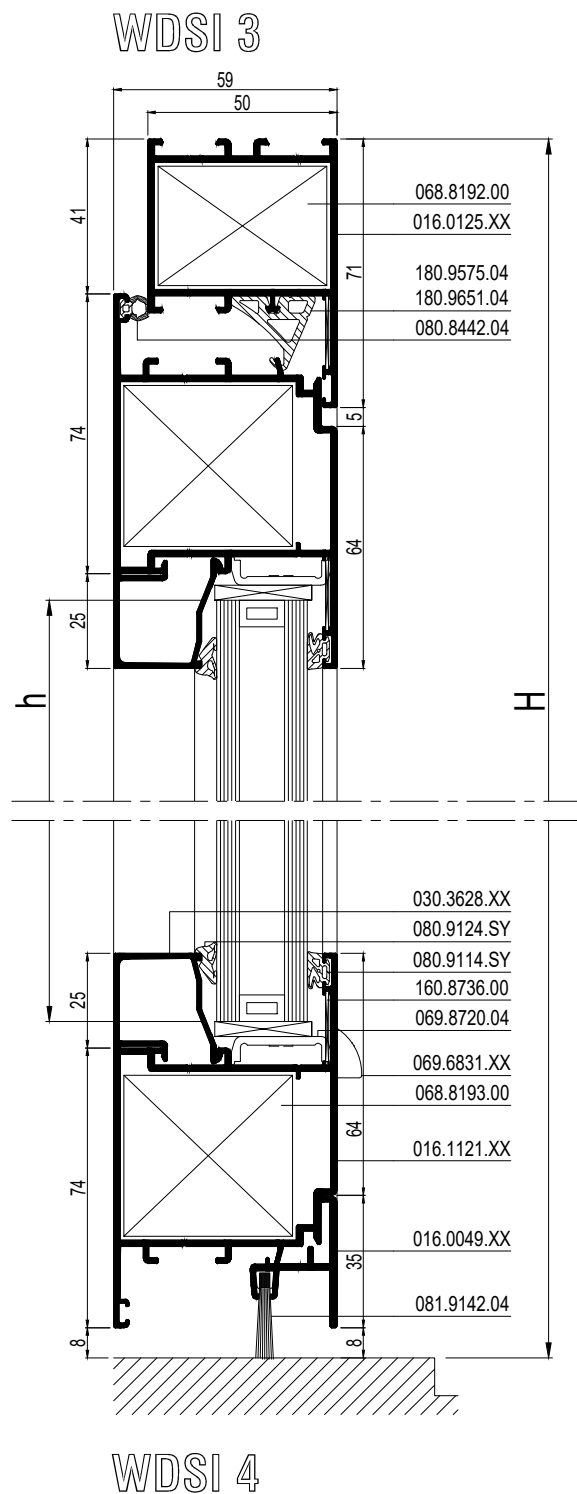
			#	Lm
016.0125.XX			1	B
			1	H
			1	H
016.1121.XX			2	B - 82
			2	H - 49
030.3628.XX			2	B - 230
			2	H - 247
016.0049.XX			1	H - 144


b1 = B1 - 244
h = H - 211

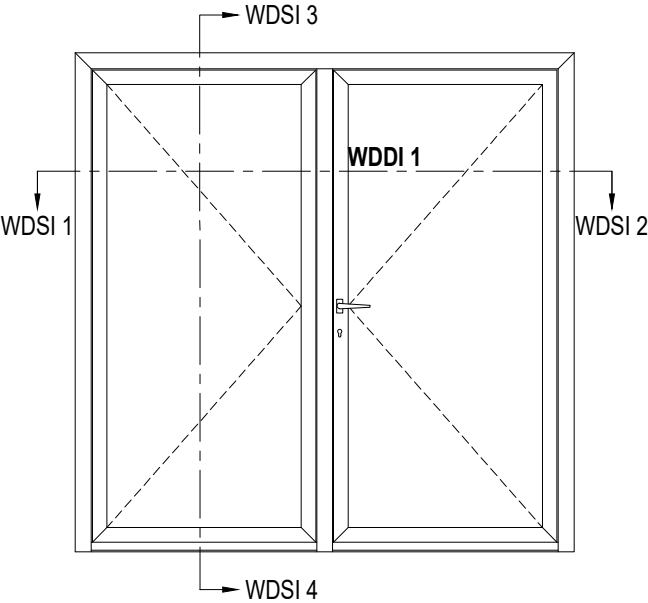


		#
068.8192.00		2
068.8193.00		4
160.8736.00		6
069.6831.XX		C14C.F....
069.8720.04		C14C.F....
081.9142.04		B - 128
080.8442.04		(1xB)+(2xH)
180.9651.04		(1xB)+(2xH)
080.9114.SY		(2xb)+(2xh)
080.9124.SY		(2xb)+(2xh)
180.9575.04		2

RAAMDEURBESLAG > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES FENETRES > VOIRE "OPENING DOORS"
 WINDOW-DOOR GEAR > SEE "OPENING DOORS"
 ZUBEHÖR FENSTERTUEREN > SIEHE "OPENING DOORS"



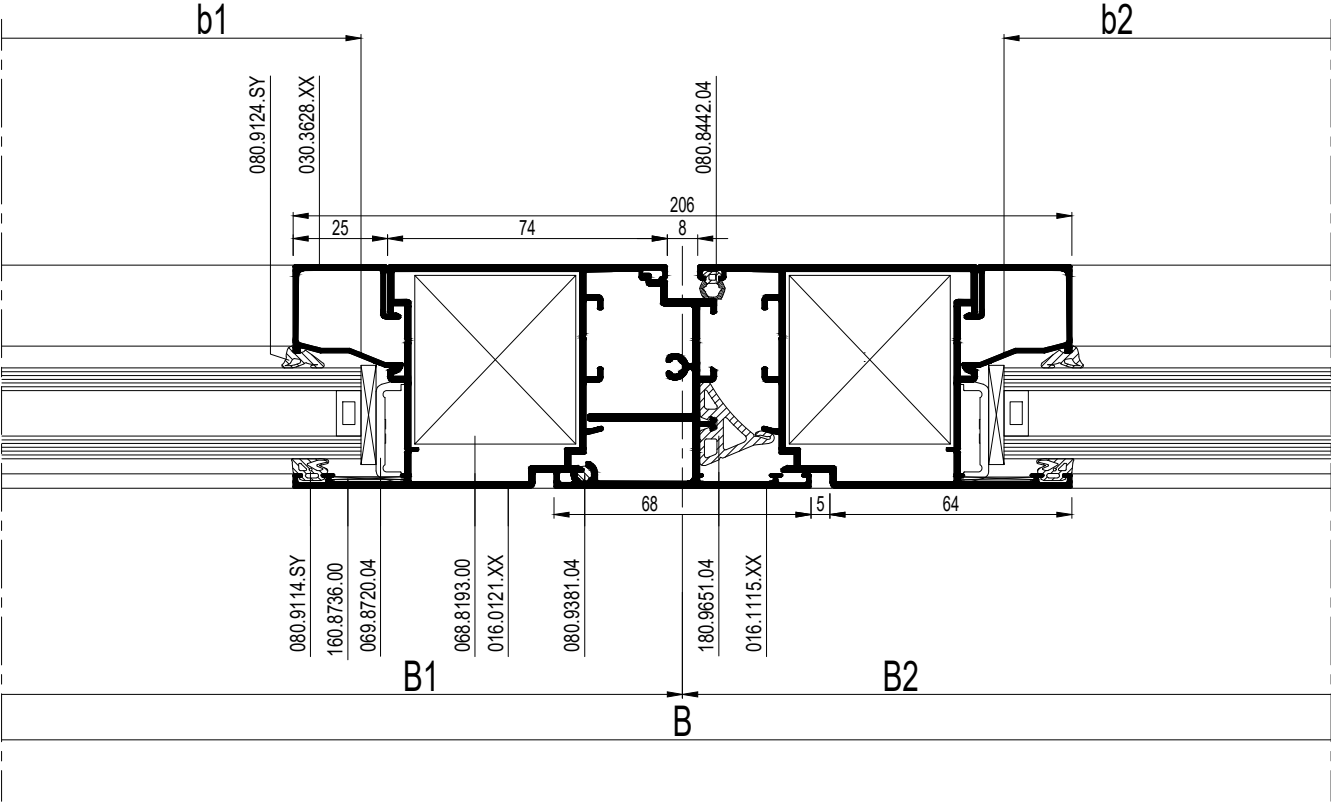
schaal - échelle
 scale - Maßstab
 1/2



			#	Lm
016.0125.XX			1	B
			1	H
			1	H
016.1121.XX			2	B1-45
			2	B2-45
			4	H-49
016.1115.XX			1	H-86
030.3628.XX			2	B1-193
			2	B2-193
			4	H-247
016.0049.XX			1	B1-107
			1	B2-107

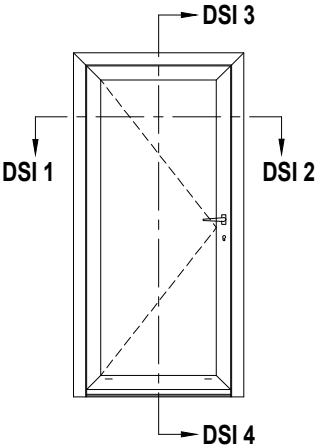
b1 = B1 - 119
h = H - 134
b2 = B2 - 119
h = H - 134

WDDI 1



		#
068.8193.00		8
068.8192.00		2
160.8736.00		10
069.6831.XX		C14.F....
069.8720.04		C14.F....
169.6679.04		1
052.5313.--		2
052.5311.--		10
081.9142.04		C14.F....
080.9381.04		1xH
080.8422.04		2x(B1-45) + 2x(H-49) 2x(B2-45) + 2x(H-49)
180.6951.04		1xB + 2xH + (H-80)
080.9124.SY		(2xb1) + (2xh) (2xb2) + (2xh)
080.9114.SY		(2xb1) + (2xh) (2xb2) + (2xh)
080.9475.04		2

RAAMBESLAG > ZIE "OPENING WINDOWS"
 ACCESSOIRES FENETRES > VOIRE "OPENING WINDOWS"
 WINDOW GEAR > SEE "OPENING WINDOWS"
 FENSTERBESCHLAG > SIEHE "OPENING WINDOWS"



			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0026.XX			2	B - 83
			2	H - 46.5
030.3608.XX			2	B - 228
			2	H - 241.5
001.0071.XX			1	B - 83
005.0030.XX			1	B - 125

RAAMDEURBESLAG > ZIE "OPENING DOORS"
ACCESSOIRES PORTES FENETRES > VOIRE "OPENING DOORS"
WINDOW-DOOR GEAR > SEE "OPENING DOORS"
ZUBEHÖR FENESTERTUEREN > SIEHE "OPENING DOORS"

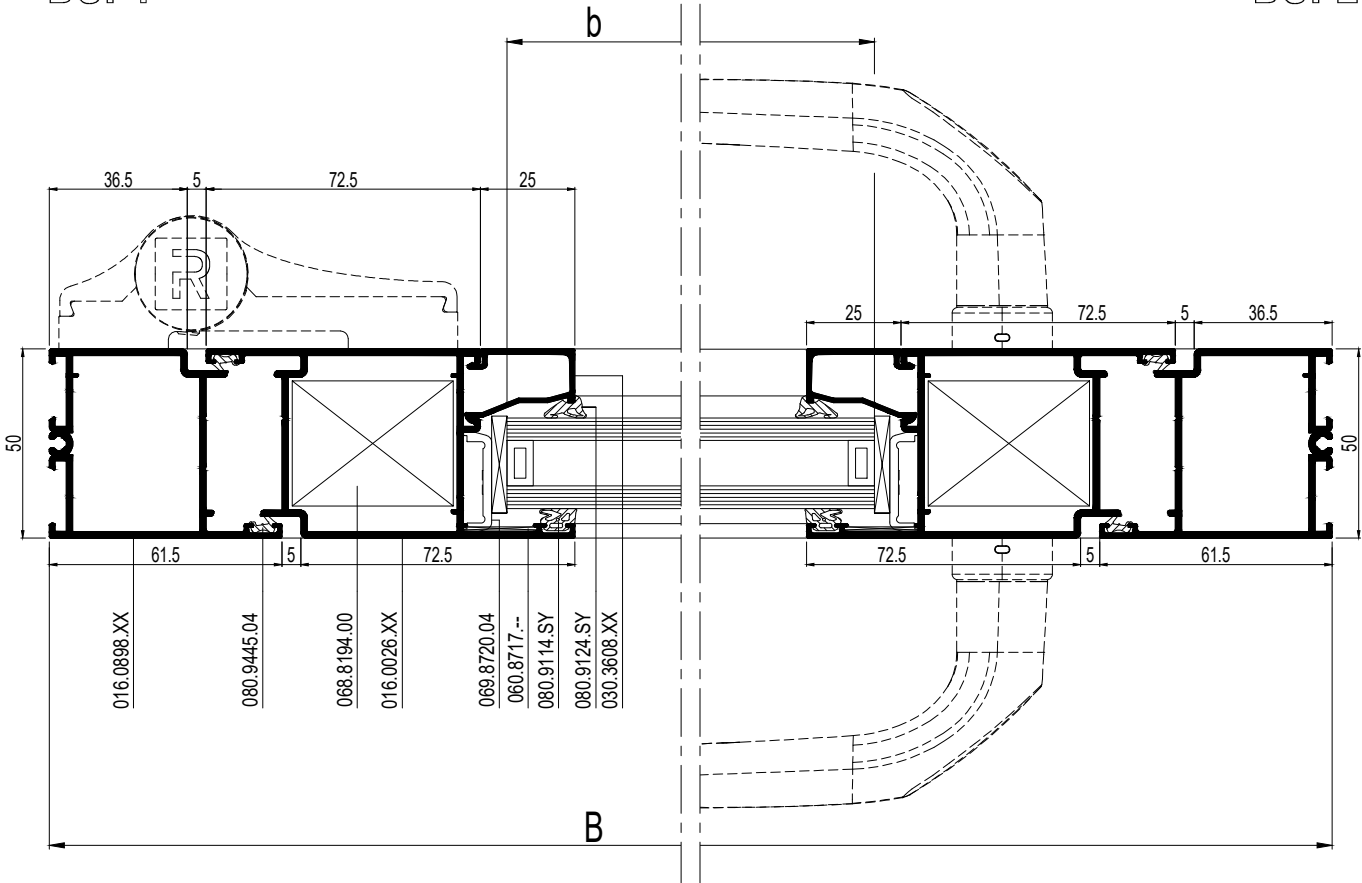


b = B - 242

h = H - 211.5

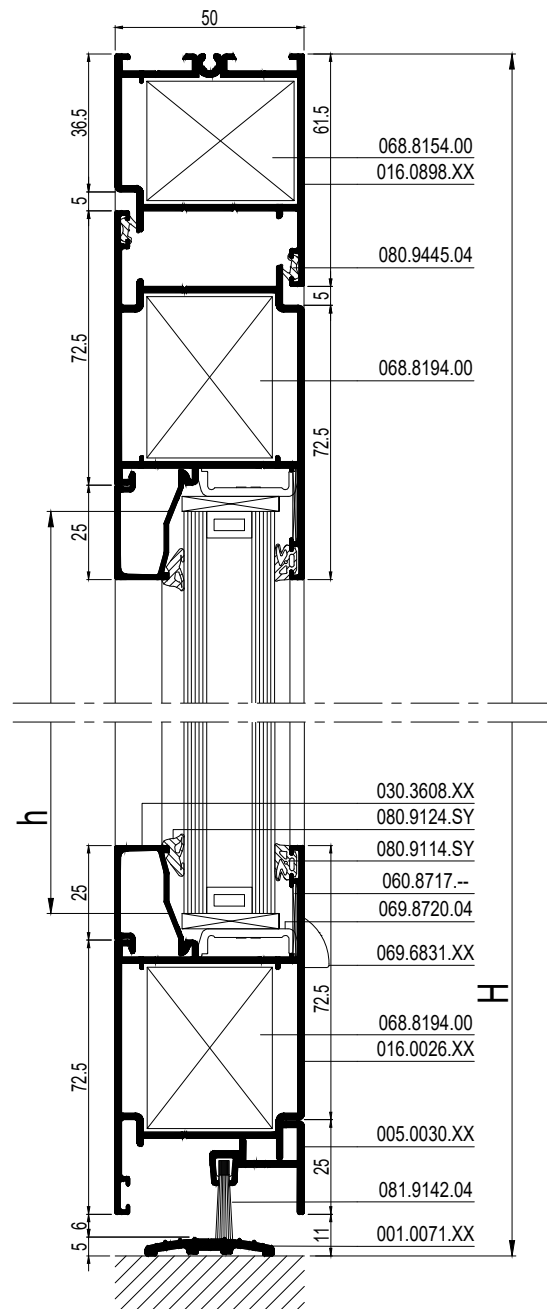
DSI 1

DSI 2



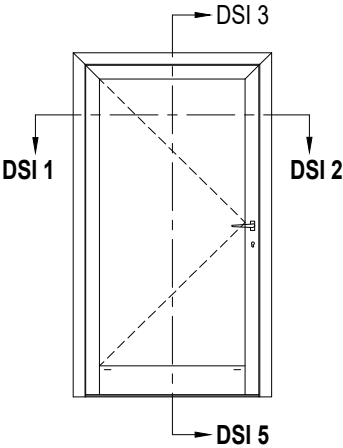
		#
060.8717.--		4
068.8154.00		2
068.8194.00		4
069.6831.XX		C14C.F...
069.8720.04		C14C.F...
061.7559.04		2
052.5313.--		4
052.5316.--		4
081.9142.04		B - 125
080.9445.04		(2xB)+(4xH)
080.9114.SY		(2xb)+(2xh)
080.9124.SY		(2xb)+(2xh)
081.9230.07		200MM

DSI 3



DSI 4

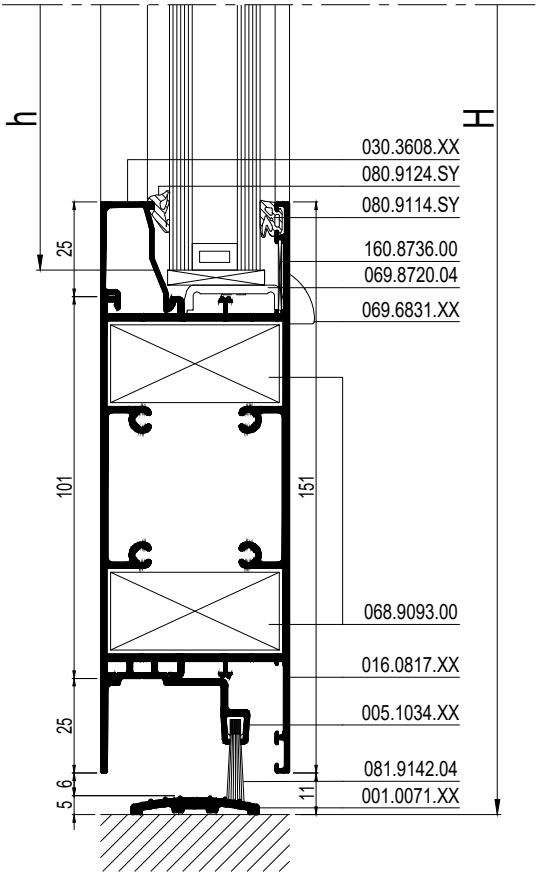
schaal - échelle
scale - Maßstab
1/2



			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0026.XX			2	B - 83
			1	H - 52.5
			1	H - 52.5
016.0817.XX			1	B - 228
030.3608.XX			2	B - 228
			2	H - 301
005.1034.XX			1	B - 228
001.0071.XX			1	B - 83

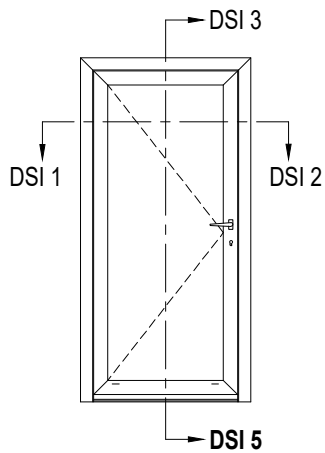

b = B - 242
h = H - 265

DSI 5



		#
068.8154.00		2
068.8194.00		2
160.8736.00		4
068.9093.00		2
068.8997.04		4
069.6831.XX		14C.F....
069.8720.04		14C.F....
061.7559.04		2
052.5313.--		4
052.5316.--		4
081.9142.04		B - 125
080.9445.04		(2xB)+(4xH)
080.9114.SY		(2xb)+(2xh)
080.9124.SY		(2xb)+(2xh)
081.9230.07		200MM

BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TÜRERENBESCHLAG > SIEHE "OPENING DOORS"



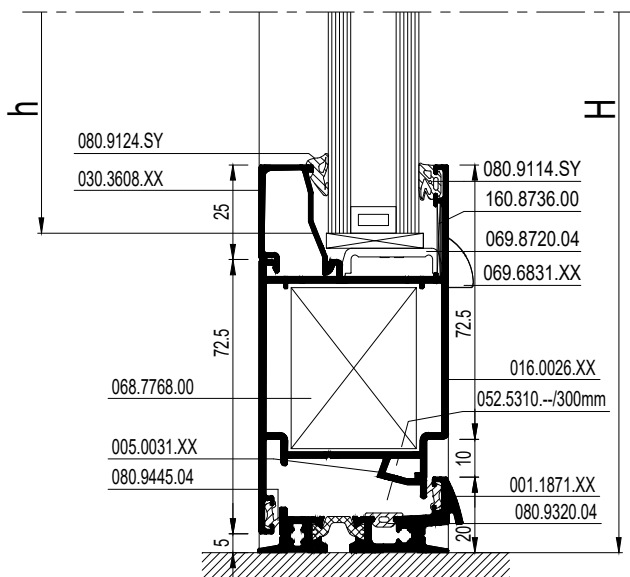
			#	
016.0898.XX			1	B
			1	H
			1	H
016.0026.XX			2	B - 83
			2	H - 46.5
030.3608.XX			2	B - 228
			2	H - 241.5
001.1871.XX			1	B - 129
005.0031.XX			1	B - 112



b = B - 242

$$h = H - 205.5$$

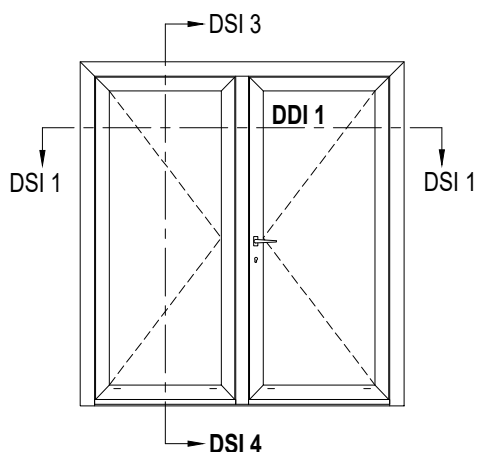
DSI 5



schaal - échelle
 scale - Maßstab
 1/2

		#
068.8154.00		2
068.8194.00		4
160.8736.00		4
069.6831.XX		C14C.F...
069.8720.04		C14C.F...
061.7539.04		1
052.5313.--		2
052.5316.--		2
069.6600.04		1
052.5313.--		2
052.5316.--		2
080.9445.04		(4xB)+(4xH)
080.9114.SY		(2xb)+(2xh)
080.9124.SY		(2xb)+(2xh)
081.9230.07		4 x 38.5
080.9320.04		B

BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIR "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERBESCHLAG > SIEHE "OPENING DOORS"



			#	
016.0898.XX			1	B
			1	H
			1	H
016.0026.XX			2	B1 - 44
			2	B2 - 44
			4	H - 52.5
016.1015.XX			1	H - 79.5
005.0030.XX			1	B1 - 86
			1	B2 - 86
001.0071.XX			1	B - 83
030.3608.XX			2	B1 - 189
			2	B2 - 189
			4	H - 247.5

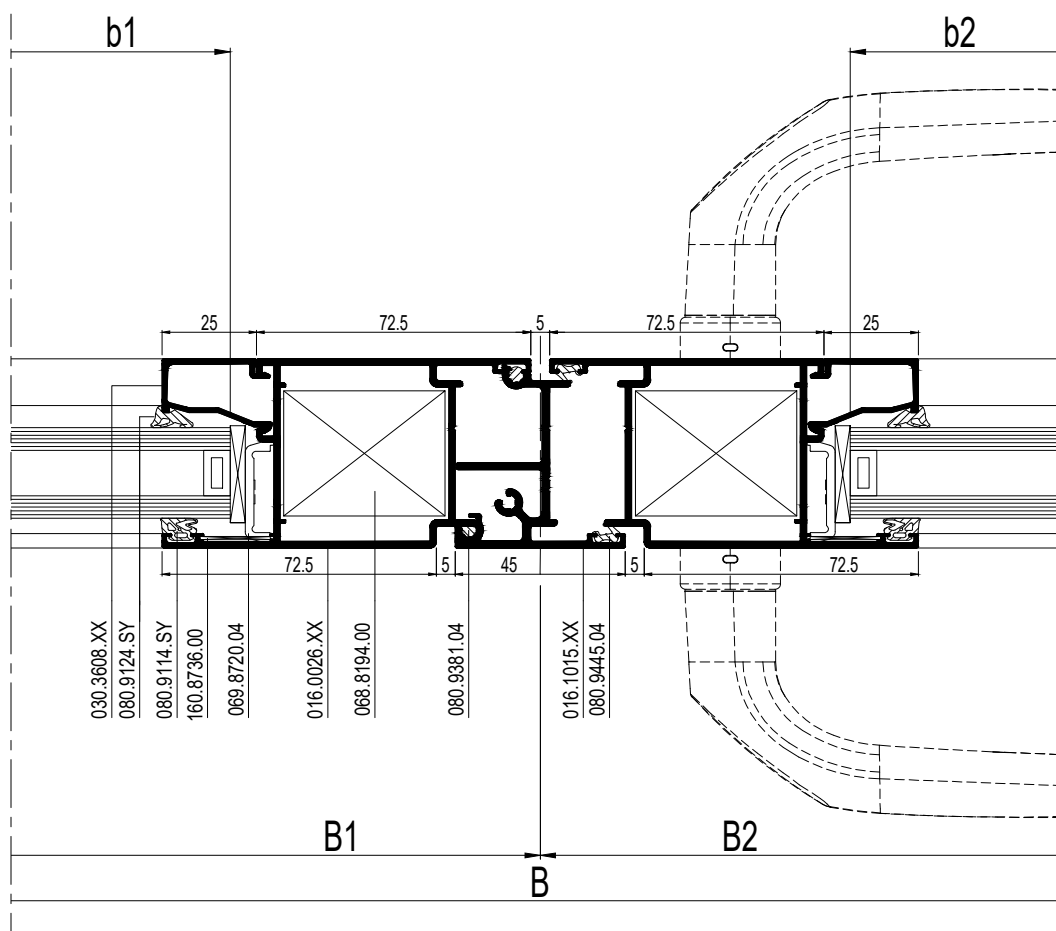


b1 = B1 - 203

b2 = B2 - 203

$$h1 = H1 - 211.5$$

DDI 1

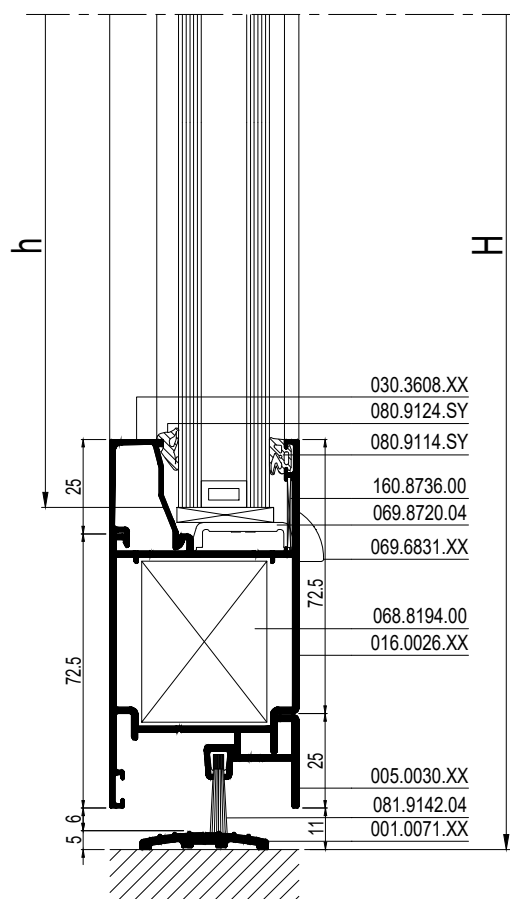


schaal - échelle
 scale - Maßstab
 1/2

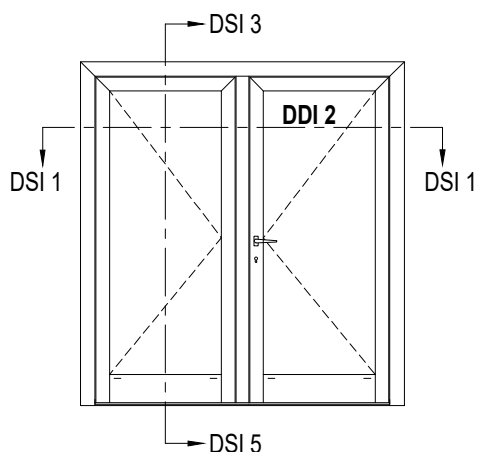
		#
068.8154.00		2
068.8194.00		8
160.8736.00		8
069.6831.XX		C14C.F....
069.8720.04		C14C.F....
061.7559.04		3
052.5313.--		6
052.5316.--		6
081.9142.04		B1 - 87 B2 - 87
080.9381.04		2xH
080.9445.04		(2xB)+(6xH)
080.9114.SY		(2xb1)+(2xb2)+(4xh)
080.9124.SY		(2xb1)+(2xb2)+(4xh)
081.9230.07		300MM

BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"

DSI 4



schaal - échelle
 scale - Maßstab
 1/2



			#	
016.0898.XX			1	B
			1	H
			1	H
016.0026.XX			1	B1 - 44
			1	B2 - 44
			2	H - 52.5
			2	H - 52.5
			2	H - 52.5
016.1015.XX			1	H - 79.5
016.0817.XX			1	B1 - 189
			1	B2 - 189
005.1034.XX			1	B1 - 189
			1	B2 - 189
001.0071.XX			1	B - 83
030.3608.XX			2	B1 - 189
			2	B2 - 189
			4	H - 301

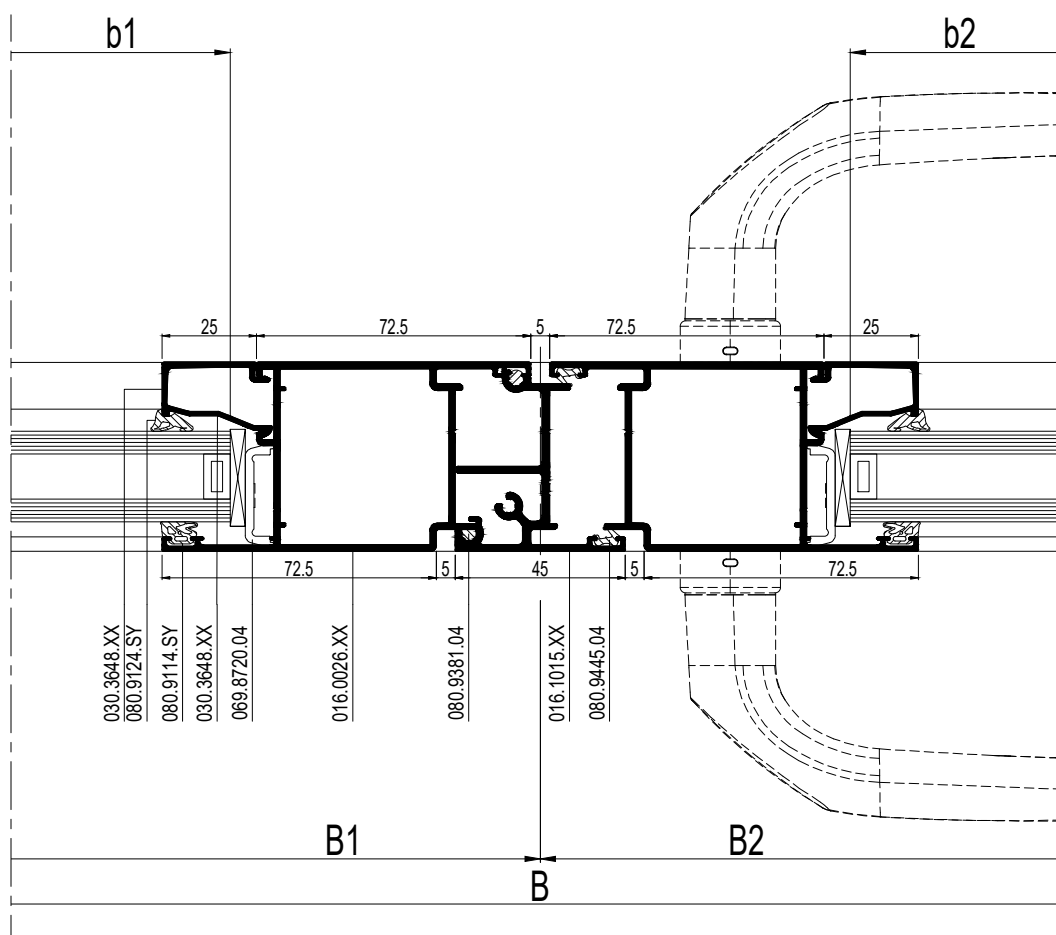


b1 = B1 - 203

b2 = B2 - 203

$$h1 = H1 - 265$$

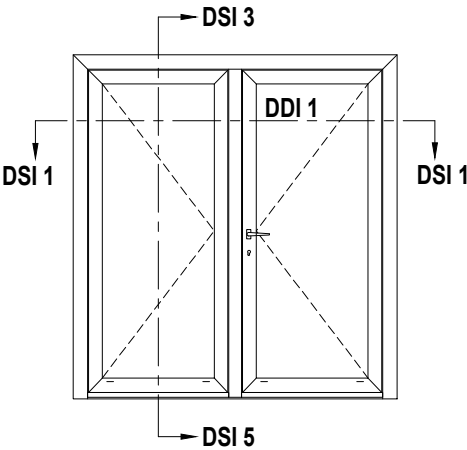
DDI 2



schaal - échelle
scale - Maßstab
1/2

		#
068.8154.00		2
068.8194.00		4
160.8736.00		4
068.9093.00		4
068.8997.04		8
069.6831.XX		C14C.F...
069.8720.04		C14C.F...
061.7559.04		3
052.5313.--		6
052.5316.--		6
081.9142.04		B1 - 87 B2 - 87
080.9381.04		2xH
080.9445.04		(2xB)+(6xH)
080.9114.SY		(2xb1)+(2xb2)+(4xh)
080.9124.SY		(2xb1)+(2xb2)+(4xh)
081.9230.07		300MM

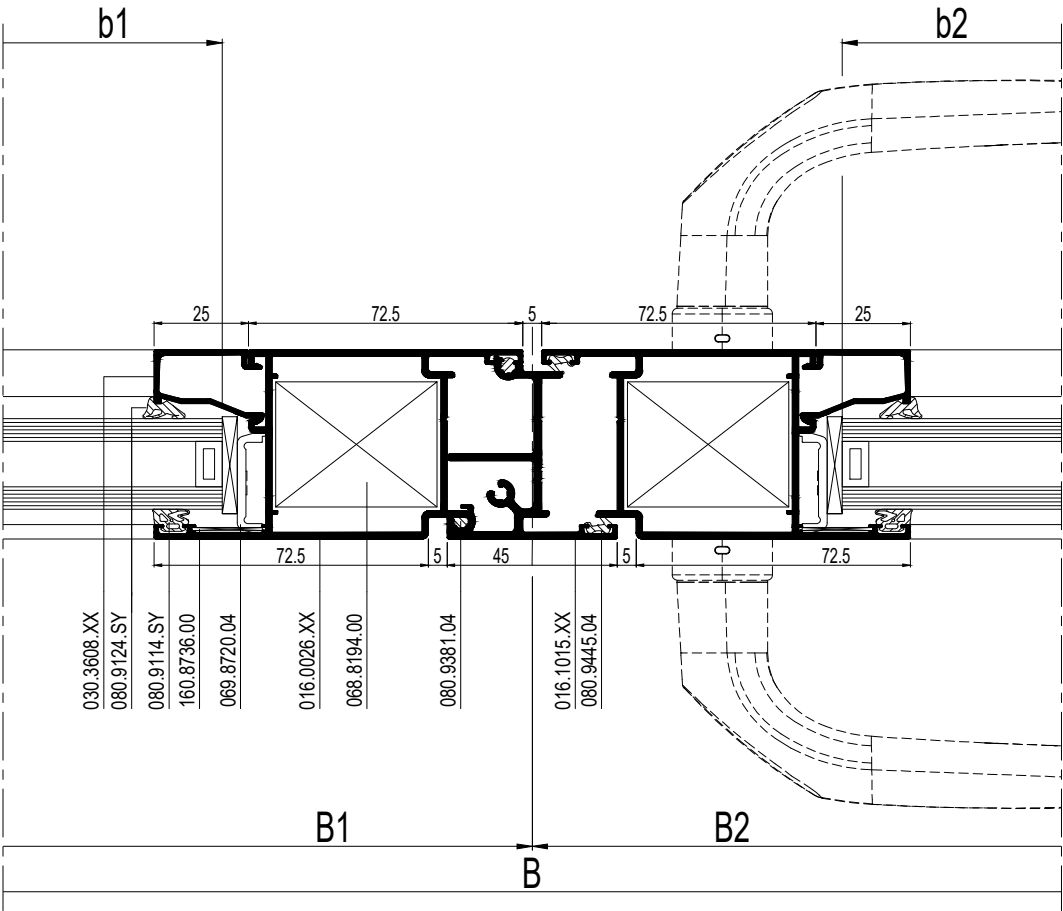
BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"



			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0026.XX			2	B1 - 44
			2	B2 - 44
			4	H - 46.5
016.1015.XX			1	H - 100.5
001.1871.XX			1	B - 129
005.0031.XX			1	B1 - 72
			1	B2 - 42.5
030.3608.XX			2	B1 - 189
			2	B2 - 189
			4	H - 241

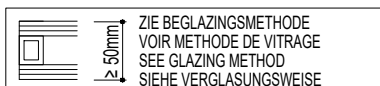
b1 = B1 - 203
b2 = B2 - 203
h = H - 205.5

DDI 1

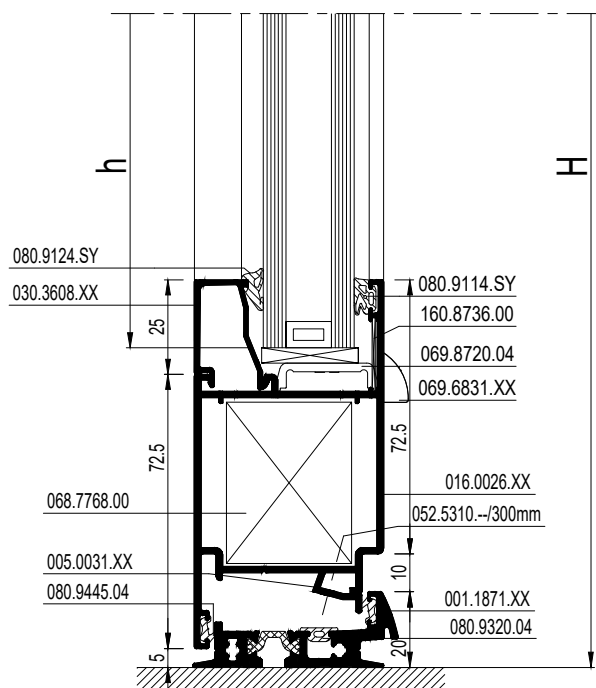


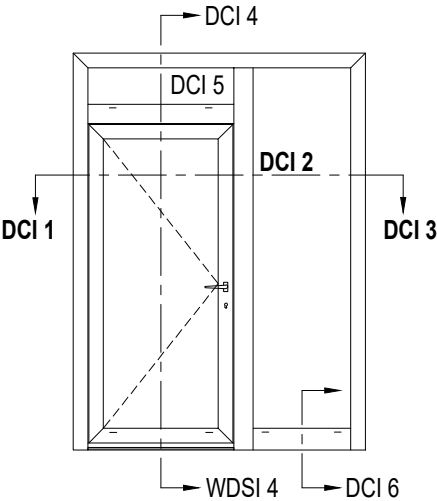
		#
060.8717.--		8
068.8154.00		2
068.8194.00		8
069.6831.XX		C14C.F....
069.8720.04		C14C.F....
069.8528.04		1
069.8525.04		1
061.7539.04		1
052.5313.--		2
052.5316.--		2
069.6600.04		1
052.5313.--		2
052.5316.--		2
080.9445.04		(4xB)+(6xH)
080.9114.SY		(2xb1)+(2xb2)+(4xh)
080.9124.SY		(2xb1)+(2xb2)+(4xh)
081.9320.04		B
080.9381.04		2xH
081.9092.04		4x 38.5
052.5310.--		1/300mm

BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"



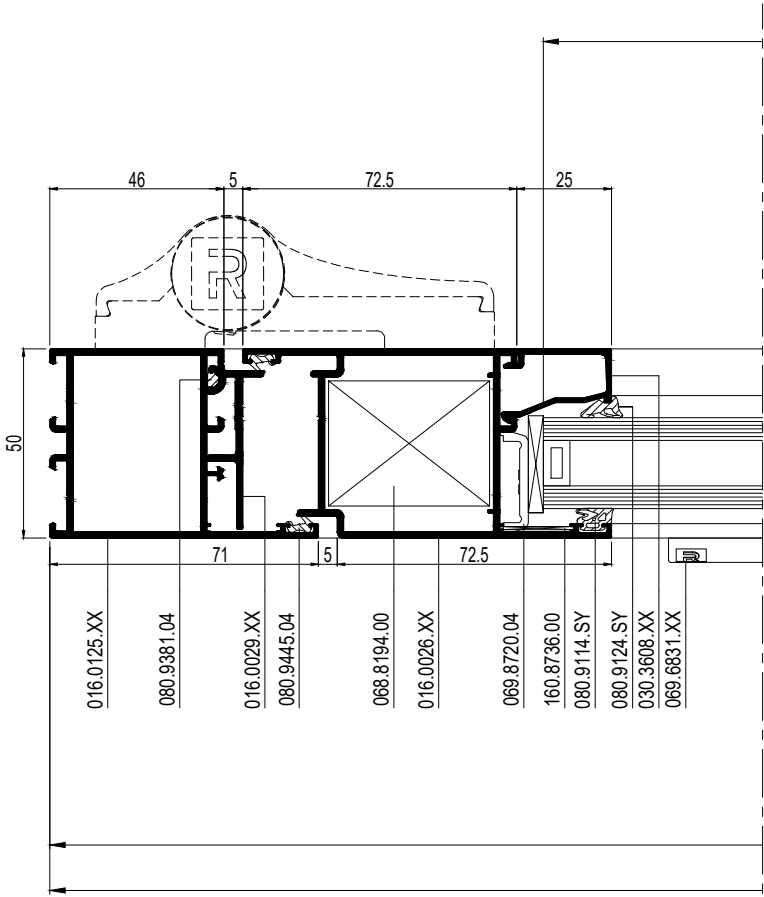
DSI 5





			#	Lm
016.0125.XX			1	B
			1	H
			1	H
016.0026.XX			2	H1 - 39
			2	B1 - 79
016.0029.XX			1	B1 - 60
			1	H1 - 18.5
			1	H1 - 18.5
016.0114.XX			1	H - 46
			1	B1 - 69
			1	B2 - 69
005.0030.XX			1	B1 - 121
001.0071.XX			1	B - 79
030.3608.XX			2	B1 - 224
			2	H1 - 234
			2	B1 - 69
			2	H - 167
			3	B2 - 69
			2	H3 - 119

DCI 1



schaal - échelle
scale - Maßstab
1/2

		#
068.8192.00		2
068.8194.00		4
160.8736.00		14
068.9092.00		5
068.8996.04		10
069.6831.XX		C14C.F...
069.8720.04		C14C.F...
081.9142.04		B - 122
080.9381.04		(B1)+(2xH1) 2xH1
080.9445.04		(2xB1)+(4xH1)
080.9114.SY		(2xb1)+(2xh1) (2xb2)+(2xh2) (2xb3)+(2xh3)
08.9124.SY		(2xb1)+(2xh1) (2xb2)+(2xh2) (2xb3)+(2xh3)
081.9230.07		200MM

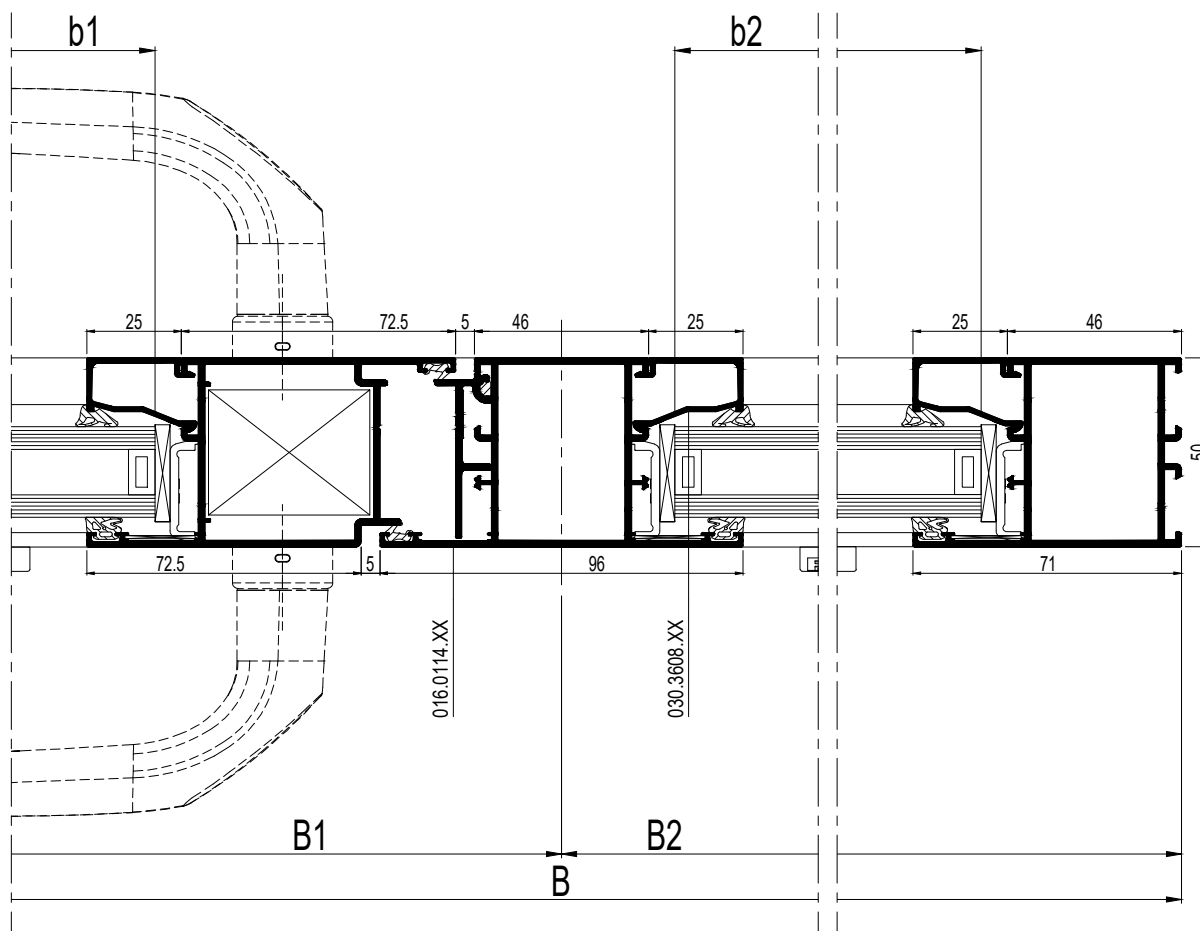
		#
061.7559.04		2
052.5313.--		4
052.5316.--		4


b1 = B1 - 238
h1 = H1 - 198
b2 = B2 - 83
h2 = H - 131
b3 = B1 - 83
h3 = H3 - 83

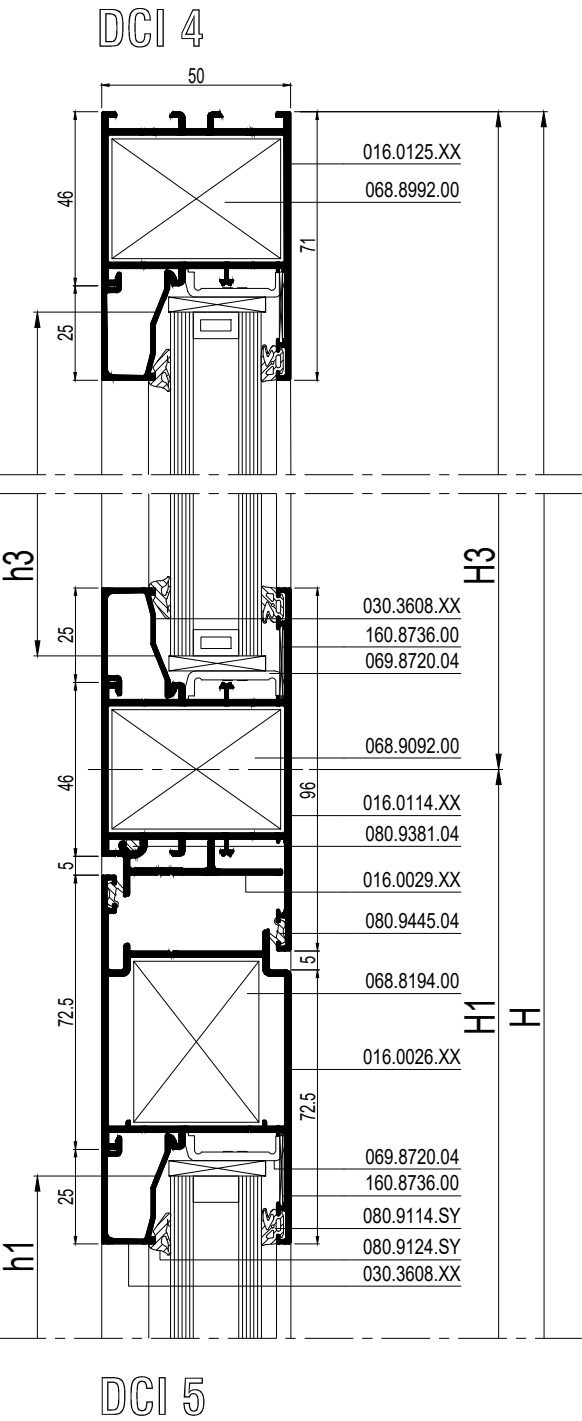
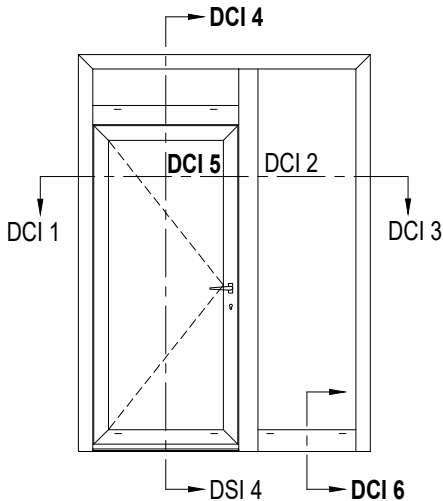
BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"

DCI 2

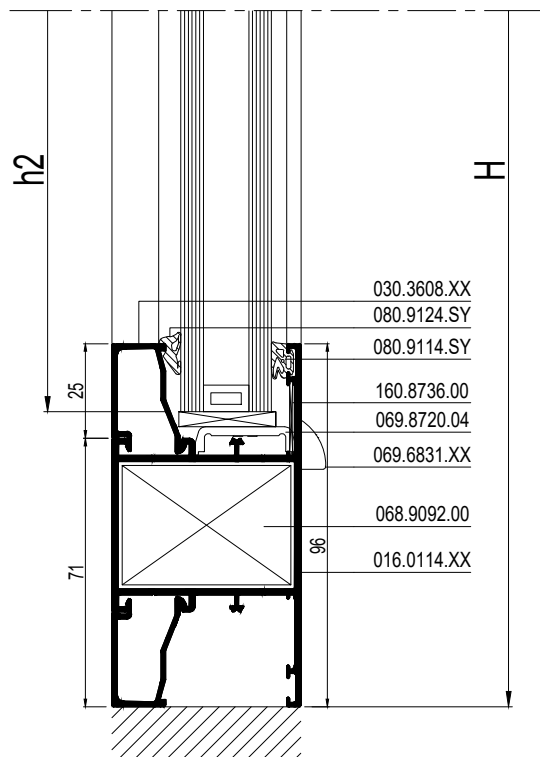
DCI 3

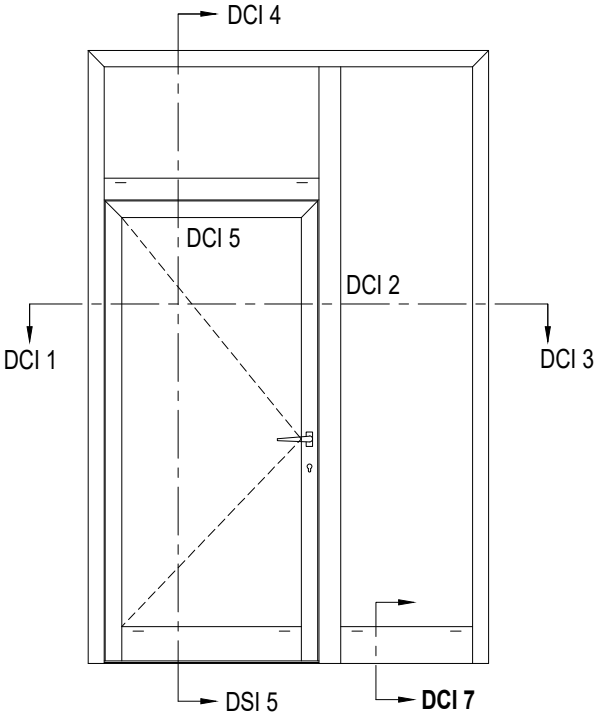


schaal - échelle
 scale - Maßstab
 1/2

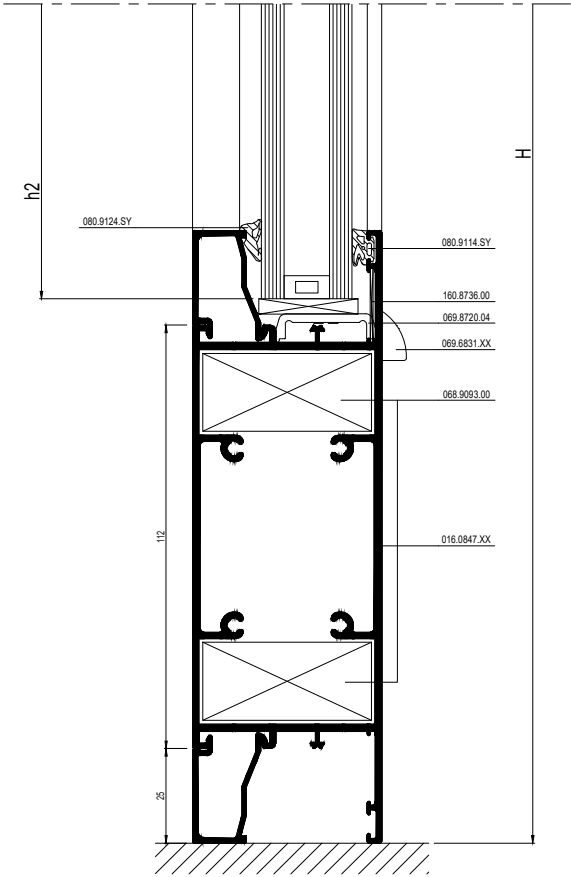


DCI 6





DCI 7

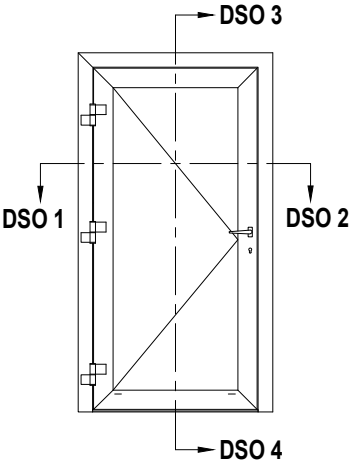


			#	Lm
016.0125.XX			1	H
			2	H
			1	B
016.0026.XX			2	H1-39
			2	H1-39
			1	B1-79
016.0029.XX			1	H1-18.5
			1	H1-18.5
			1	B1-60
016.0114.XX			1	H-46
			1	B1-69
016.0817.XX			1	B1-224
016.0847.XX			1	B1-69
005.1034.XX			1	B1-224
001.0071.XX			1	B1-79
030.3608.XX			2	B1-224
			2	H1-287.5
			2	B1-69
			2	H3-119
			3	B2-69
			2	H-233

b1 = B1 - 236
h1 = H1 - 196
b2 = B2 - 81
h2= H - 129
b3 = B1 - 81
h3 = H3 - 81

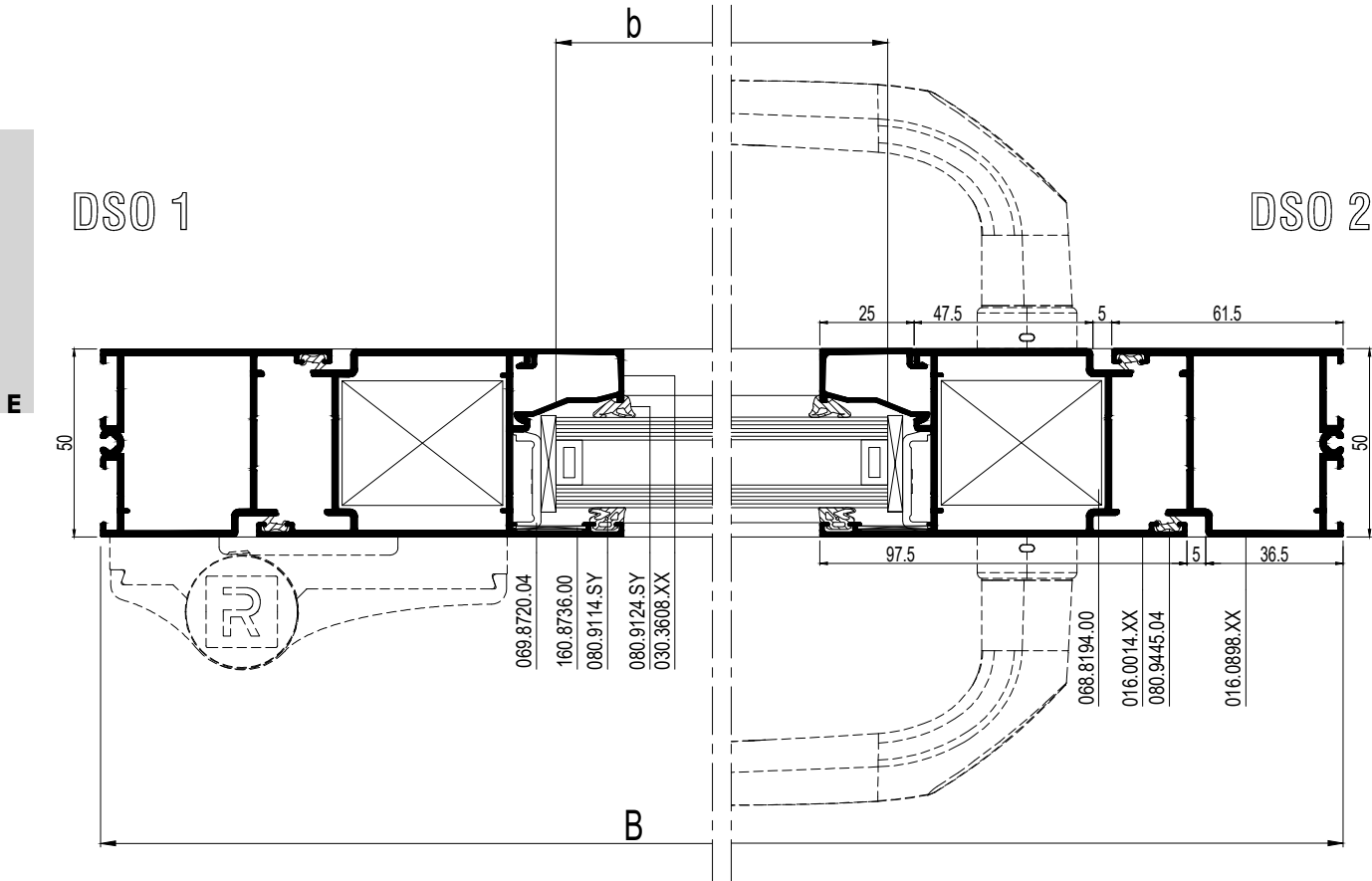
		#
068.8192.00		2
068.8194.00		2
060.8722.--		2
068.9092.00		5
068.8996.04		10
068.9093.00		4
068.8996.04		8
069.6831.XX		C14.F....
069.8720.04		C14.F....
081.9142.04		B1-122
080.9381.04		B1+(2xH1)
		2x(H1-21.5)
080.9445.04		(2xB1)+(4xH1)
080.9114.SY		(4xB1)+(2xH)
		(2xB2)+(2xH)
080.9124.SY		(4xB1)+(2xH)
		(2xB2)+(2xH)
061.7559.04		2
052.5313.--		4
052.5316.--		4

BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"



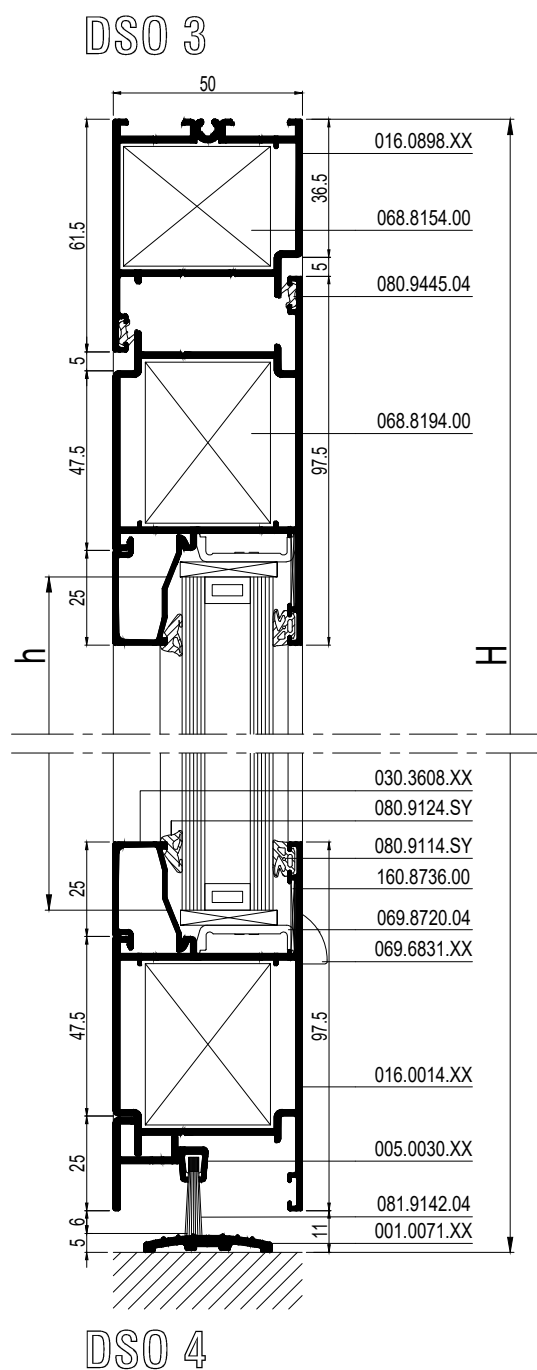
			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0014.XX			2	B - 83
			2	H - 52.5
030.3608.XX			2	B - 228
			2	H - 247.5
005.0030.XX			1	B - 125
001.0071.XX			1	B - 83

b = B - 242
h = H - 211.5

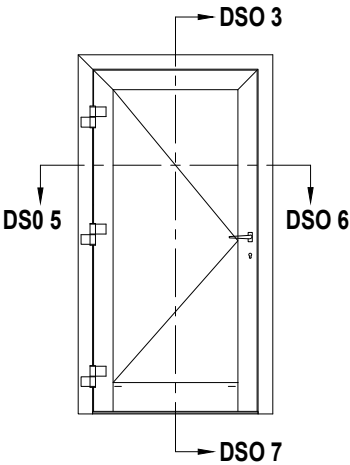


		#
068.8154.00		2
068.8194.00		4
160.8736.00		4
069.6831.XX		C14C.F....
069.8720.04		C14C.F....
061.7559.04		2
052.5313.--		4
052.5316.--		4
081.9142.04		B - 126
080.9445.04		(2xB)+(4xH)
080.9114.SY		(2xb)+(2xh)
080.9124.SY		(2xb)+(2xh)
081.9230.07		200MM

BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TÜERENBESCHLAG > SIEHE "OPENING DOORS"



schaal - échelle
 scale - Maßstab
 1/2



			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0014.XX			1	B - 83
			1	H - 52.5
			1	H - 52.5
016.0817.XX			1	B - 228
030.3648.XX			2	B - 228
			2	B - 301
005.1034.XX			1	B - 228
001.0071.XX			1	B - 83

BESLAG DEUREN > ZIE "OPENING DOORS"
ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
DOORS GEAR > SEE "OPENING DOORS"
TUERENBESCHLAG > SIEHE "OPENING DOORS"

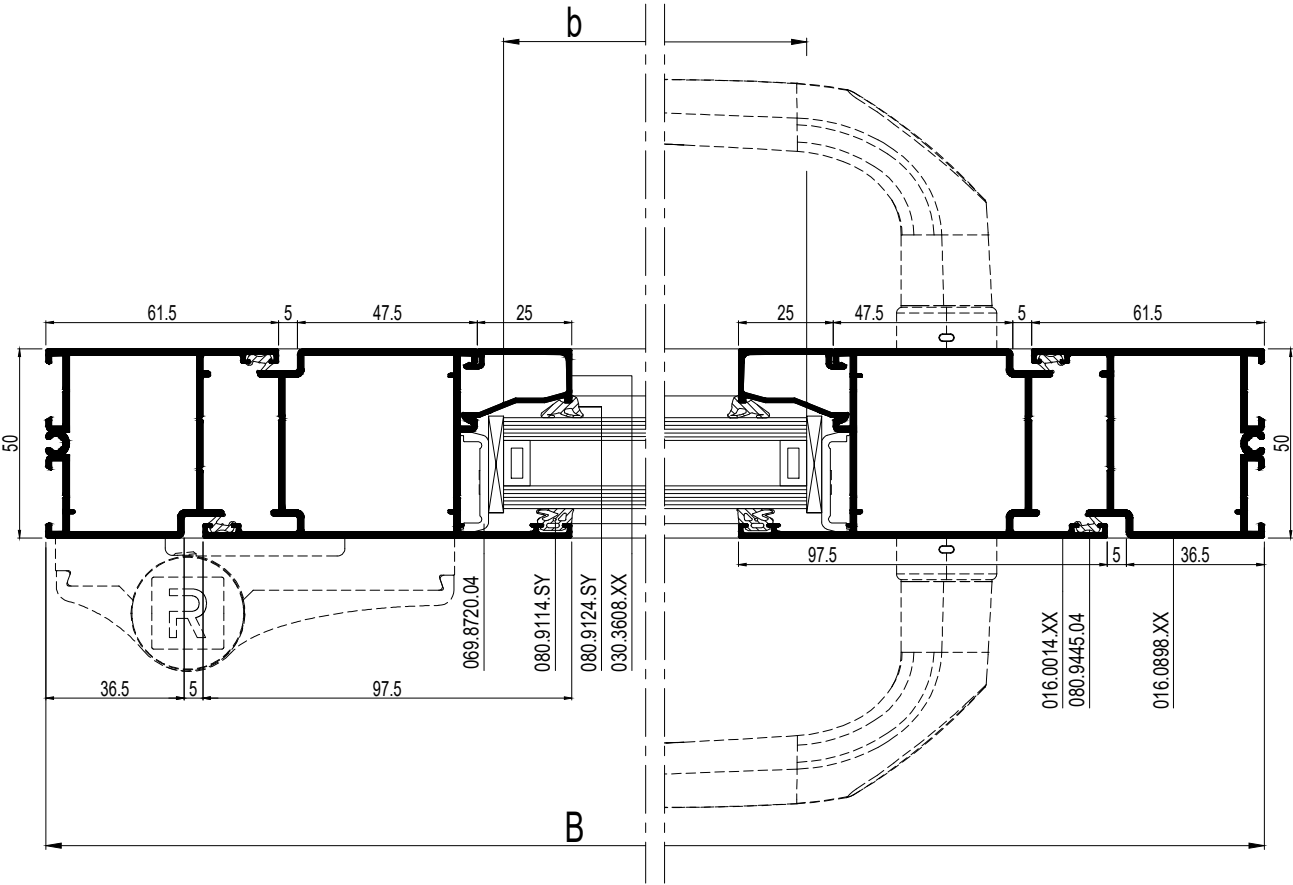


b = B - 242

h = H - 265

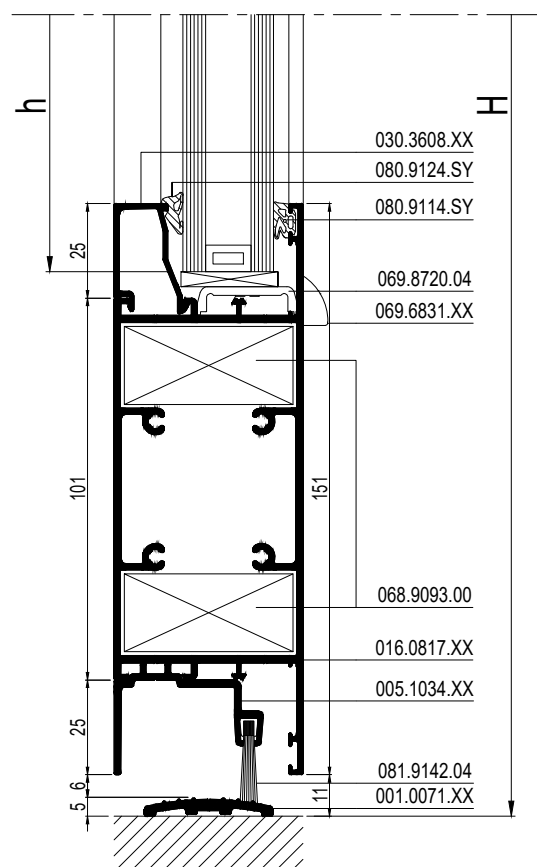
DSO 5

DSO 6

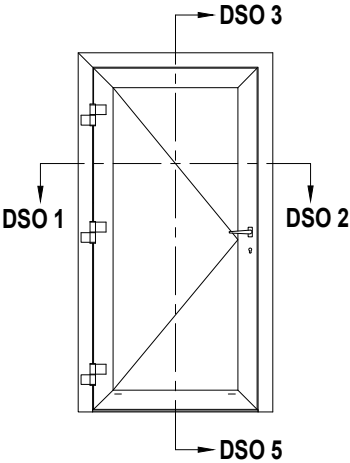


		#
060.8717.--		2
068.8154.00		2
068.7768.00		2
068.9093.00		2
068.8686.04		4
069.6831.XX		C14C.F....
069.8720.04		C14C.F....
061.7559.04		2
052.5313.--		4
052.5316.--		4
081.9142.04		B - 125
080.9445.04		(2xB)+(4xH)
080.9114.SY		(2xb)+(2xh)
080.9124.SY		(2xb)+(2xh)
081.9230.07		200MM

DSO 7



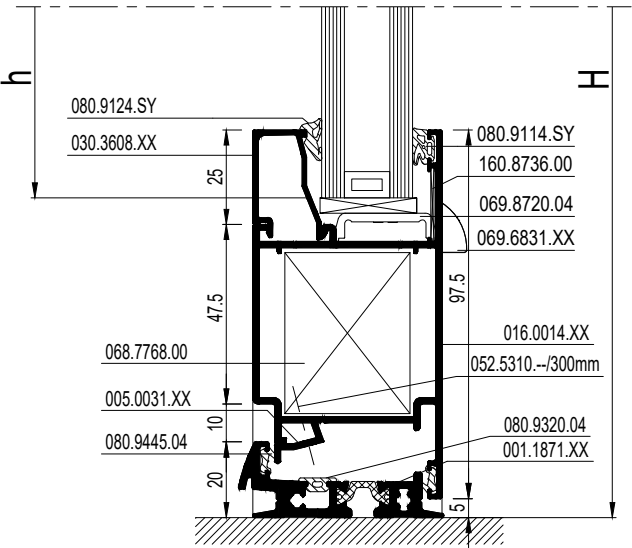
schaal - échelle
 scale - Maßstab
 1/2



			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0014.XX			2	B - 83
			2	H - 52.5
030.3608.XX			2	B - 228
			2	H - 241.5
001.1871.XX			1	B - 129
005.0031.XX			1	B - 112

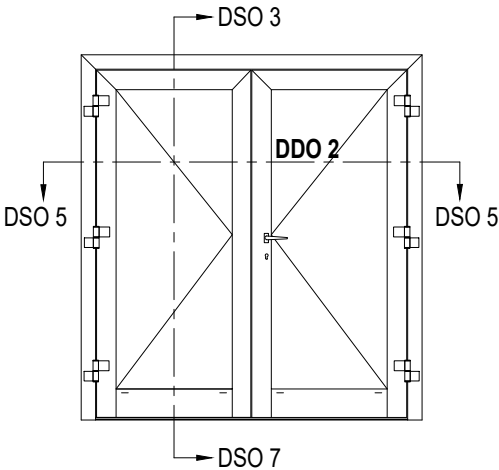
b = B - 242
h = H - 205.5

DSO 5



		#
068.8154.00		2
068.8194.00		4
160.8736.00		4
069.6831.XX		C14C.F...
069.8720.04		C14C.F...
061.7539.04		1
052.5313.--		2
052.5316.--		2
069.6600.04		1
052.5313.--		2
052.5316.--		2
080.9445.04		(2xB)+(4xH)
080.9114.SY		(2xb)+(2xh)
080.9124.SY		(2xb)+(2xh)
081.9092.04		4x 38.5
081.9320.04		B

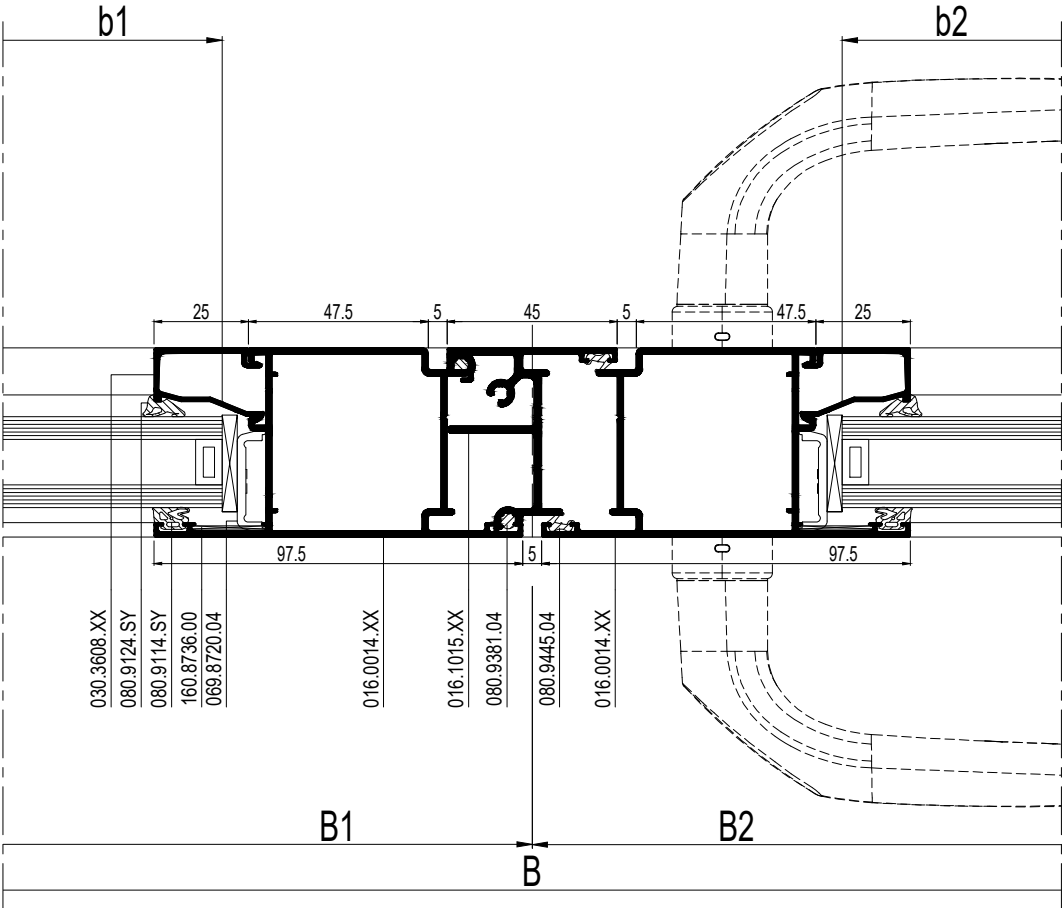
BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TÜRENBESCHLAG > SIEHE "OPENING DOORS"



			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0014.XX			1	B1 - 44
			1	B2 - 44
			2	H - 52.5
			2	H - 52.5
016.1015.XX			1	H - 79.5
016.0817.XX			1	B1 - 189
			1	B2 - 189
005.1034.XX			1	B1 - X
			1	B2 - X
001.0071.XX			1	B - 83
030.3608.XX			2	B1 - 189
			2	B2 - 189
			4	H - 301

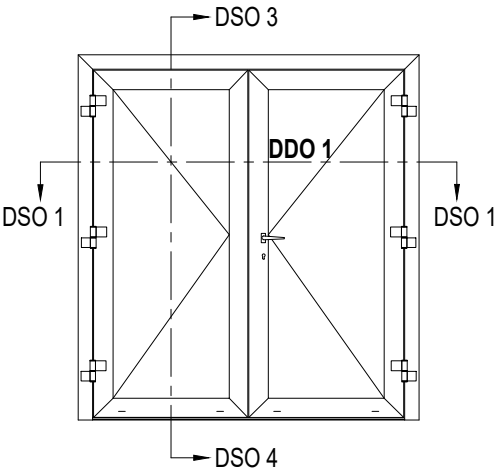

b1 = B1 - 203
b2 = B2 - 203
h = H - 265

DDO 2



		#
068.8154.00		2
068.8194.00		4
160.8736.00		8
068.9093.00		4
068.8997.04		8
069.6831.XX		C14C.F...
069.8720.04		C14C.F...
061.7559.04		3
052.5313.--		6
052.5316.--		6
081.9142.04		B1 - X B2 - X
080.9381.04		2x(H-X)
080.9445.04		(2xB)+(6xH)
080.9114.SY		(2xb1)+(2xb2)+(4xh)
080.9124.SY		(2xb1)+(2xb2)+(4xh)
081.9230.07		300MM

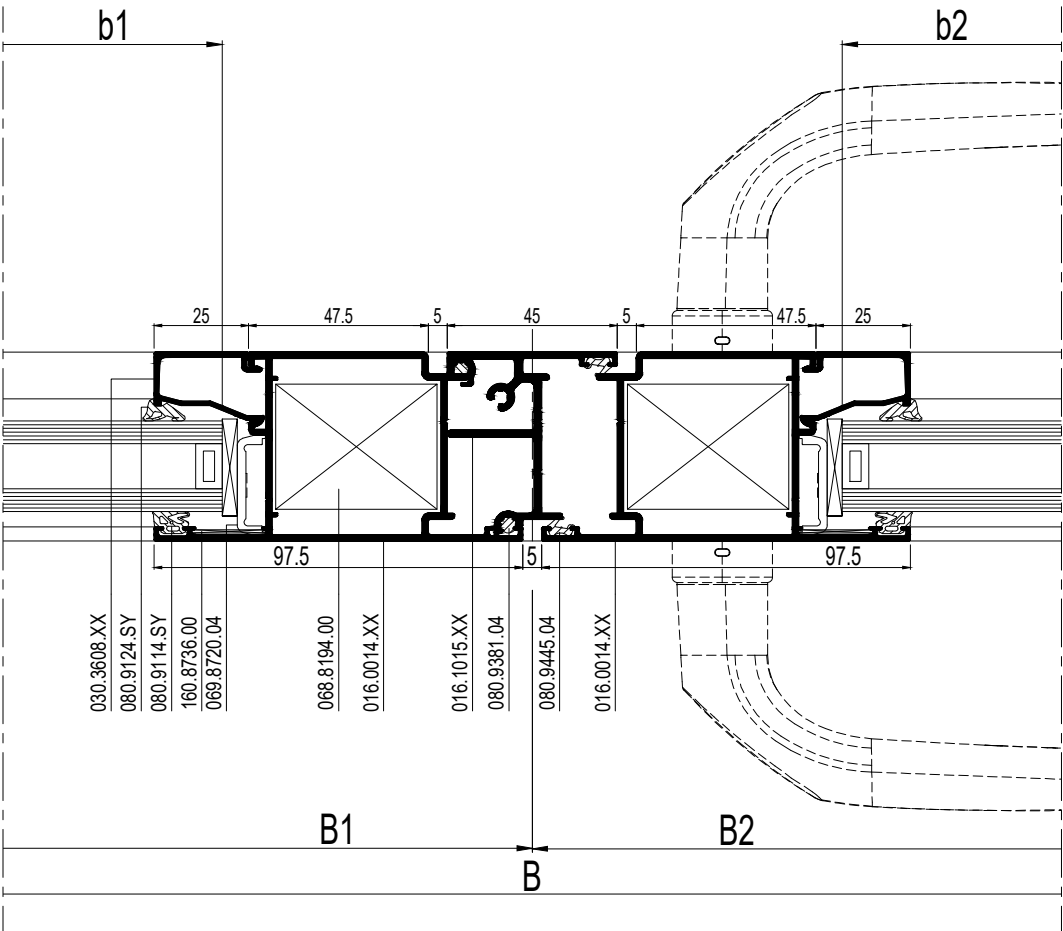
BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"



			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0014.XX			2	B1 - 44
			2	B2 - 44
			4	H - 52.5
016.1015.XX			1	H - 79.5
005.0030.XX			1	B1 - 86
			1	B2 - 86
001.0071.XX			1	B - 83
030.3608.XX			2	B1 - 189
			2	B2 - 189
			4	H - 247.5

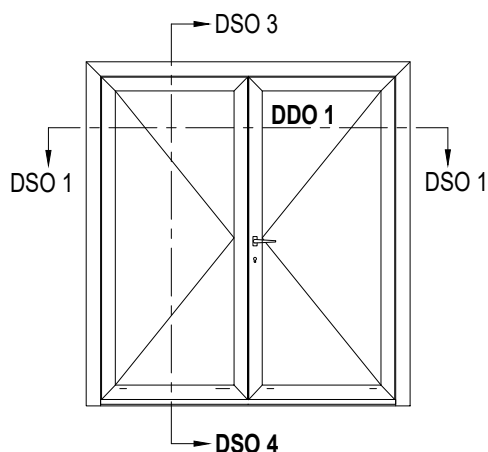
b1 = B1 - 203
b2 = B2 - 203
h1 = H1 - 211.5

DDO 1



		#
068.8154.00		2
068.8194.00		8
060.8717.--		8
069.6831.XX		C14C.F...
069.8720.04		C14C.F...
061.7559.04		3
052.5313.--		6
052.5316.--		6
081.9142.04		B1 - 87 B2 - 87
080.9381.04		2xH
080.9445.04		(2xB)+(6xH)
080.9114.SY		(2xb1)+(2xb2)+(4xh)
080.9124.SY		(2xb1)+(2xb2)+(4xh)
081.9230.07		300MM

BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"



			#	
016.0898.XX			1	B
			1	H
			1	H
016.0014.XX			2	B1 - 44
			2	B2 - 44
			4	H - 46.5
016.1015.XX			1	H - 100.5
001.1871.XX			1	B - 129
005.0031.XX			1	B1 - 72
			1	B2 - 42.5
030.3608.XX			2	B1 - 189
			2	B2 - 189
			4	H - 241

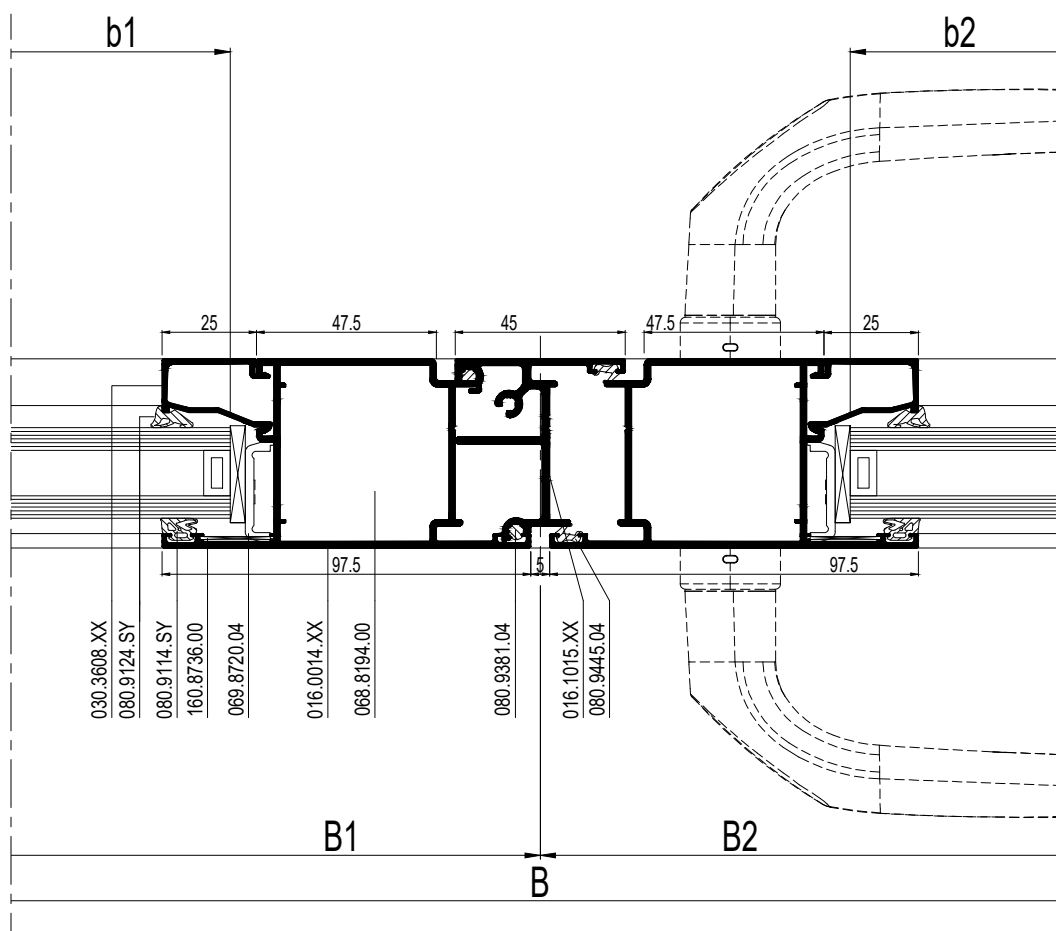


b1 = B1 - 203

b2 = B2 - 203

$$h = H - 205.5$$

DDO 1

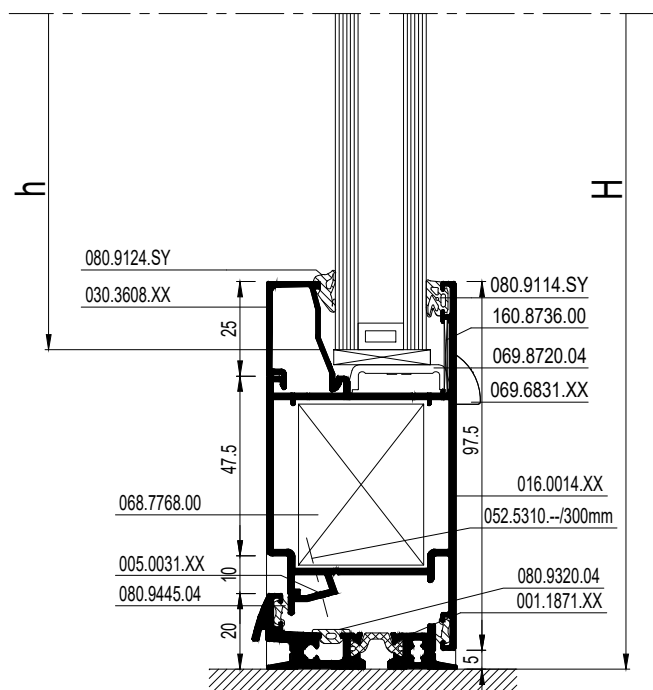


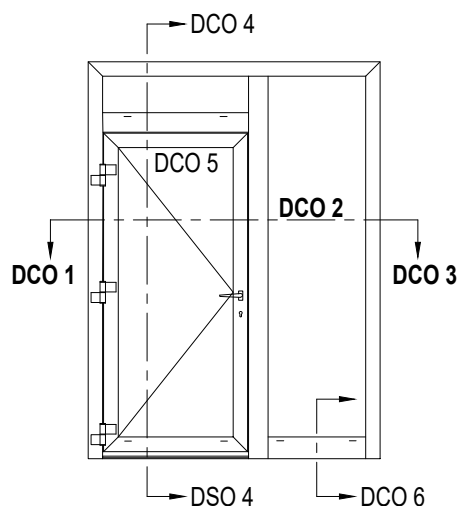
schaal - échelle
scale - Maßstab
1/2

		#
068.8154.00		2
068.8194.00		8
160.8736.00		8
069.6831.XX		C14C.F....
069.8720.04		C14C.F....
069.8528.04		1
069.8525.04		1
061.7539.04		1
052.5313.--		2
052.5316.--		2
069.6600.04		1
052.5313.--		2
052.5316.--		2
080.9445.04		(4xB)+(6xH)
080.9114.SY		(2xb1)+(2xb2)+(4xh)
080.9124.SY		(2xb1)+(2xb2)+(4xh)
081.9320.04		B
080.9381.04		2xH
081.9092.04		4x 38.5
052.5310.--		1/300mm

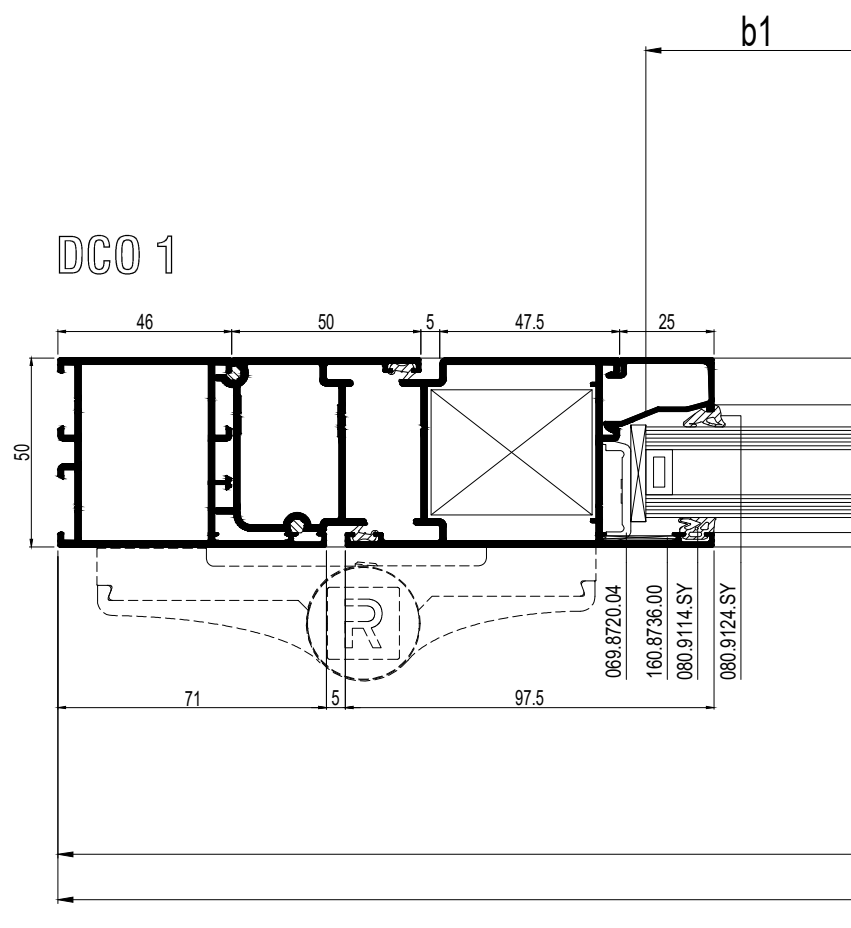
BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"

DSO 4





			#	
016.0125.XX			1	B
			1	H
			1	H
016.0014.XX			2	H1 - 64
			2	B1 - 129
016.0028.XX			1	B1 - 60
			1	H1 - 18.5
			1	H1 - 18.5
016.0114.XX			1	H - 46
			1	B1 - 69
			1	B2 - 69
005.0030.XX			1	B1 - 121
001.0071.XX			1	B1 - 129
030.3608.XX			2	B1 - 274
			2	H1 - 259
			2	B1 - 69
			2	H - 167
			3	B2 - 69
			2	H3 - 119



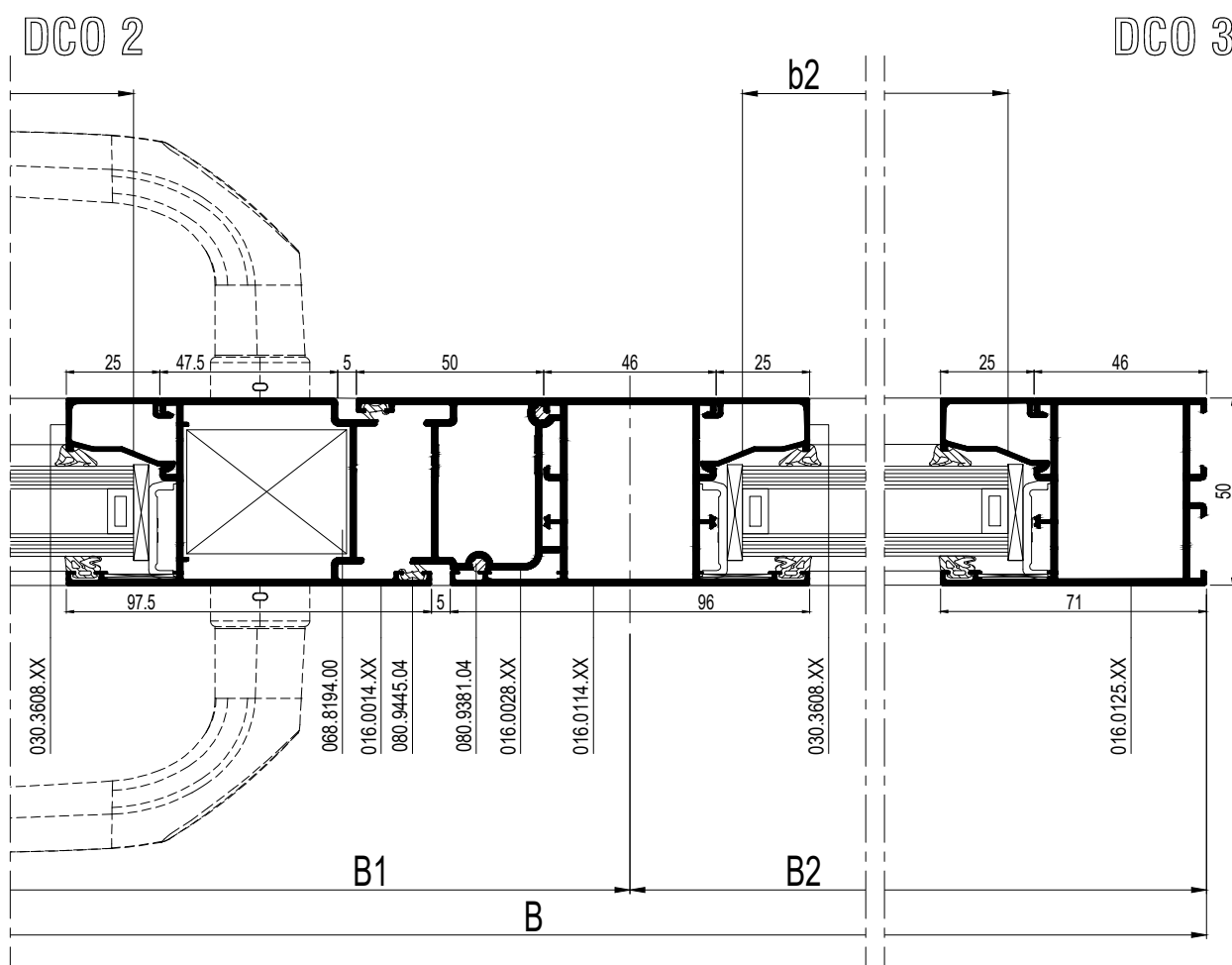
schaal - échelle
scale - Maßstab
1/2

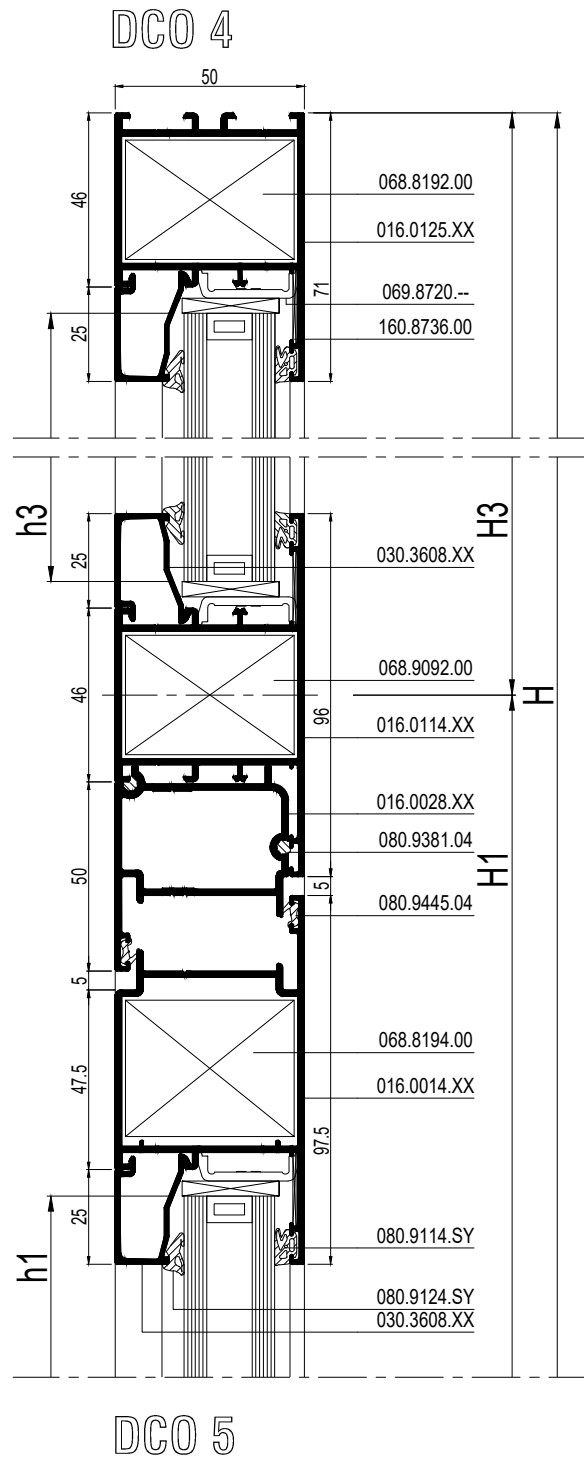
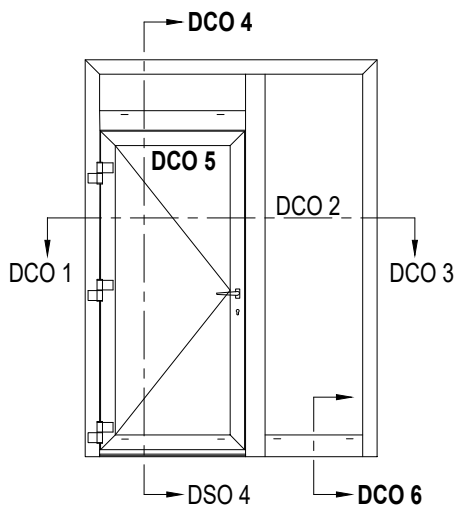
		#
068.8192.00		2
068.8194.00		4
160.8736.00		14
068.9092.00		5
068.8996.04		10
069.6831.XX		C14C.F...
069.8720.04		C14C.F...
081.9142.04		B - 172
080.9381.04		2xB1 4xH1
080.9445.04		(2xB1)+(4xH1)
080.9114.SY		(2xb1)+(2xh1) (2xb2)+(2xh2) (2xb3)+(2xh3)
08.9124.SY		(2xb1)+(2xh1) (2xb2)+(2xh2) (2xb3)+(2xh3)
081.9230.07		200MM

		#
061.7559.04		2
052.5313.--		4
052.5316.--		4

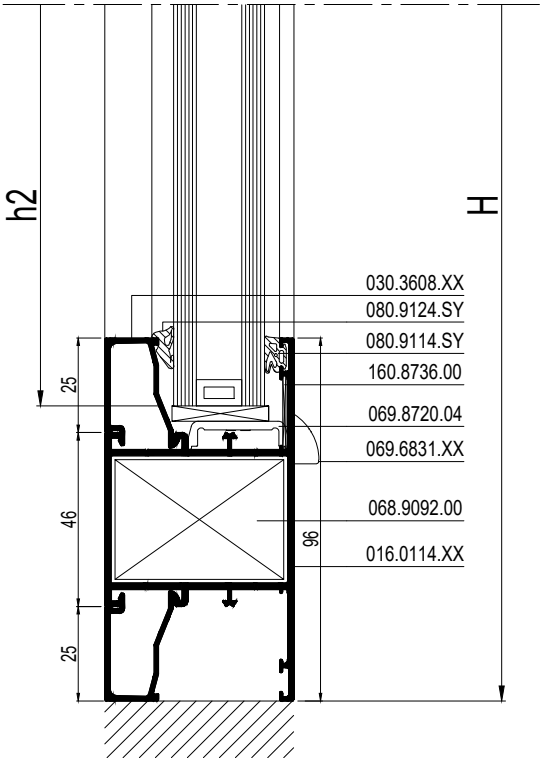

b1 = B1 - 288
h1 = H1 - 223
b2 = B2 - 83
h2 = H - 131
b3 = B1 - 83
h3 = H3 - 83

BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"

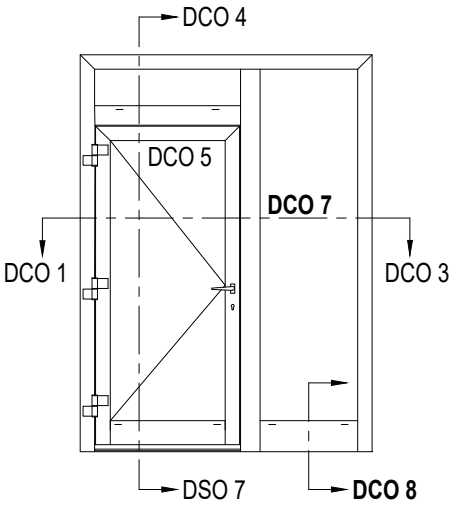




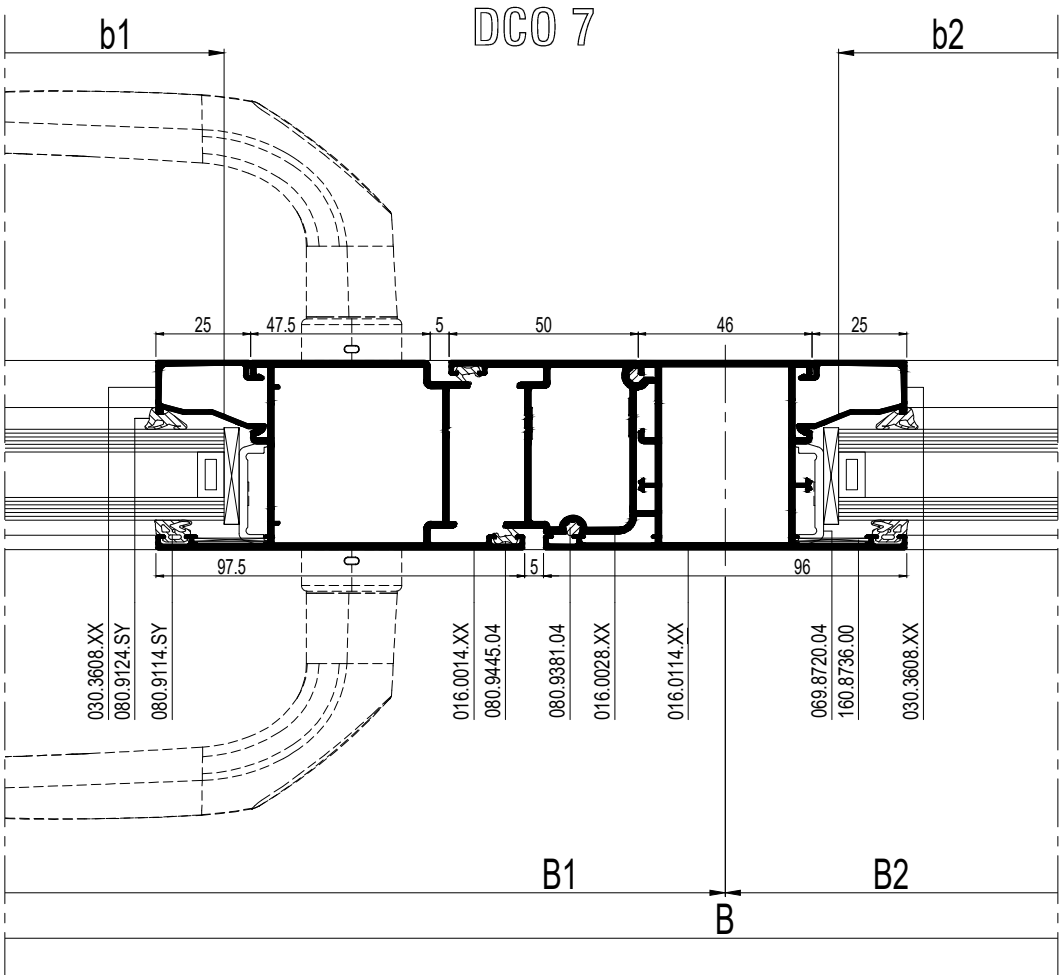
DCO 6



E



			#	Lm
016.0125.XX			1	B
			1	H
			1	H
016.0014.XX			1	B1 - 129
			1	H1 - 64
			1	H1 - 64
016.0028.XX			1	B1 - 60
			1	H1 - 18.5
			1	H1 - 18.5
016.0114.XX			1	H - 46
			1	B1 - 69
016.0847.XX			1	B2 - 69
016.0817.XX			1	B1 - 274
005.1034.XX			1	B1 - 121
001.0071.XX			1	B1 - 129
030.3608.XX			2	B1 - 274
			2	H1 - 312.5
			2	B1 - 69
			2	H3 - 119
			2	B2 - 69
			2	H - 233



		#
068.8192.00		2
068.8194.00		4
160.8736.00		14
068.9093.00		4
069.6831.XX		C14C.F....
069.8720.04		C14C.F....
061.7559.04		2
052.5313.--		4
052.5316.--		4
081.9142.04		B1 - X
080.9381.04		2x(B1-X) 4x(H1-X)
080.9445.04		(2xB1)+(4xH1)
080.9114.SY		(2xb1)+(2xh1) (2xb2)+(2xh2) (2xb3)+(2xh3)
08.9124.SY		(2xb1)+(2xh1) (2xb2)+(2xh2) (2xb3)+(2xh3)
081.9230.07		200MM



b1 = B1 - 288

h1 = H1 - 276.5

b2 = B2 - 83

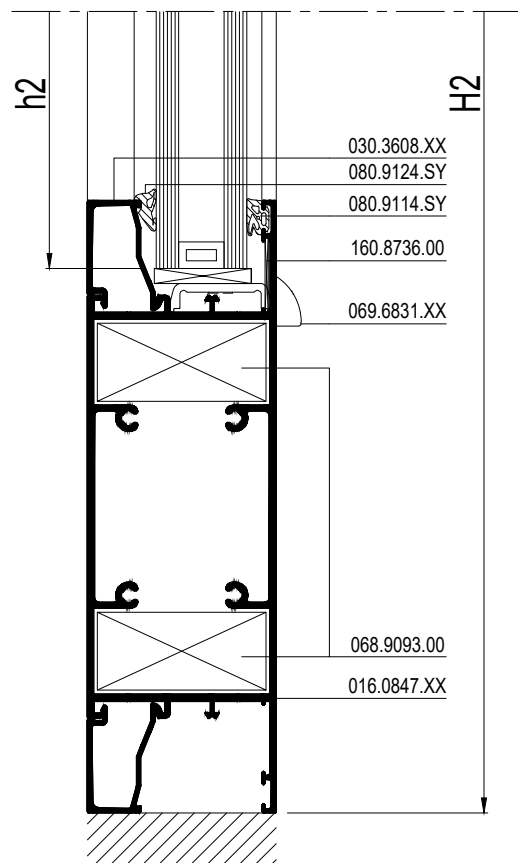
h2 = H2 - 197

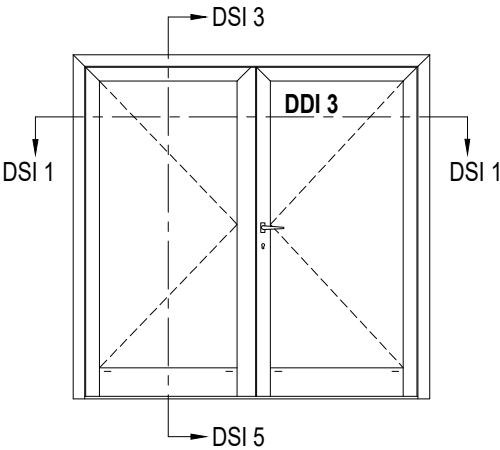
b3 = B1 - 83

h3 = H3 - 83

BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"

DCO 8

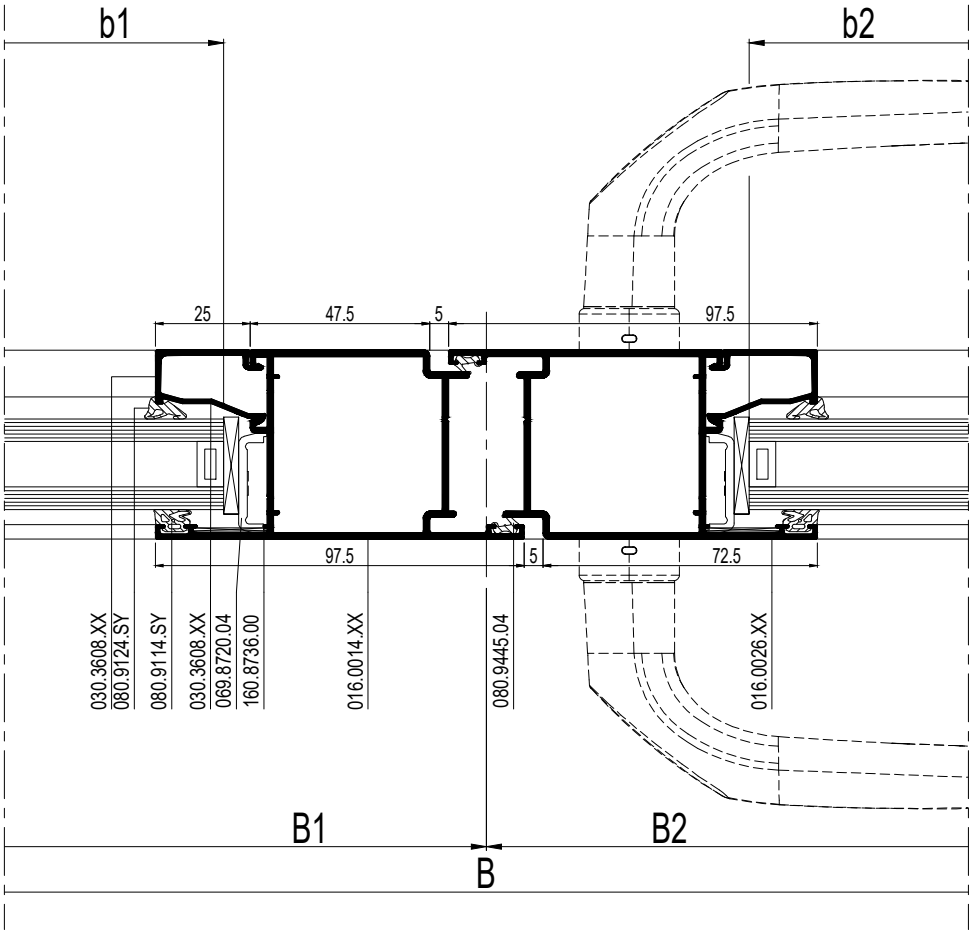




			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0026.XX			1	B1 - 31.5
			1	B2 - 31.5
			2	H - 52.5
			1	H - 52.5
016.0014.XX			1	H - 52.5
016.0817.XX			1	B1 - 176.5
			1	B2 - 176.5
005.1034.XX			1	B1 - 176.5
			1	B2 - 176.5
001.0071.XX			1	B - 83
030.3608.XX			2	B1 - 176.5
			2	B2 - 176.5
			4	H - 301

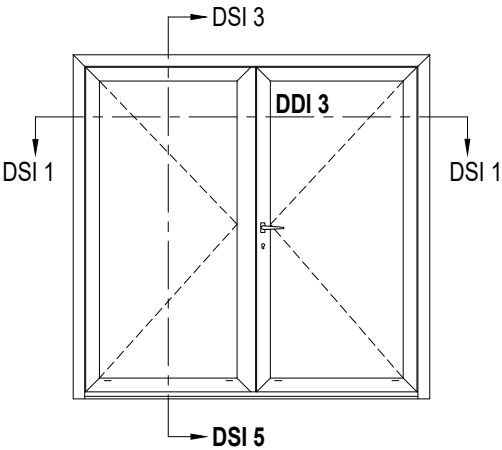
b1 = B1 - 190.5
b2 = B2 - 190.5
h1 = H1 - 265

DDI 3



		#
068.8154.00		2
068.8194.00		4
160.8736.00		4
068.9093.00		4
068.8997.04		8
069.6831.XX		C14C.F...
069.8720.04		C14C.F...
061.7559.04		3
052.5313.--		6
052.5316.--		6
081.9142.04		B1 - 74.5 B2 - 74.5
080.9445.04		(2xB)+(6xH)
080.9114.SY		(2xb1)+(2xb2)+(4xh)
080.9124.SY		(2xb1)+(2xb2)+(4xh)
081.9230.07		300MM

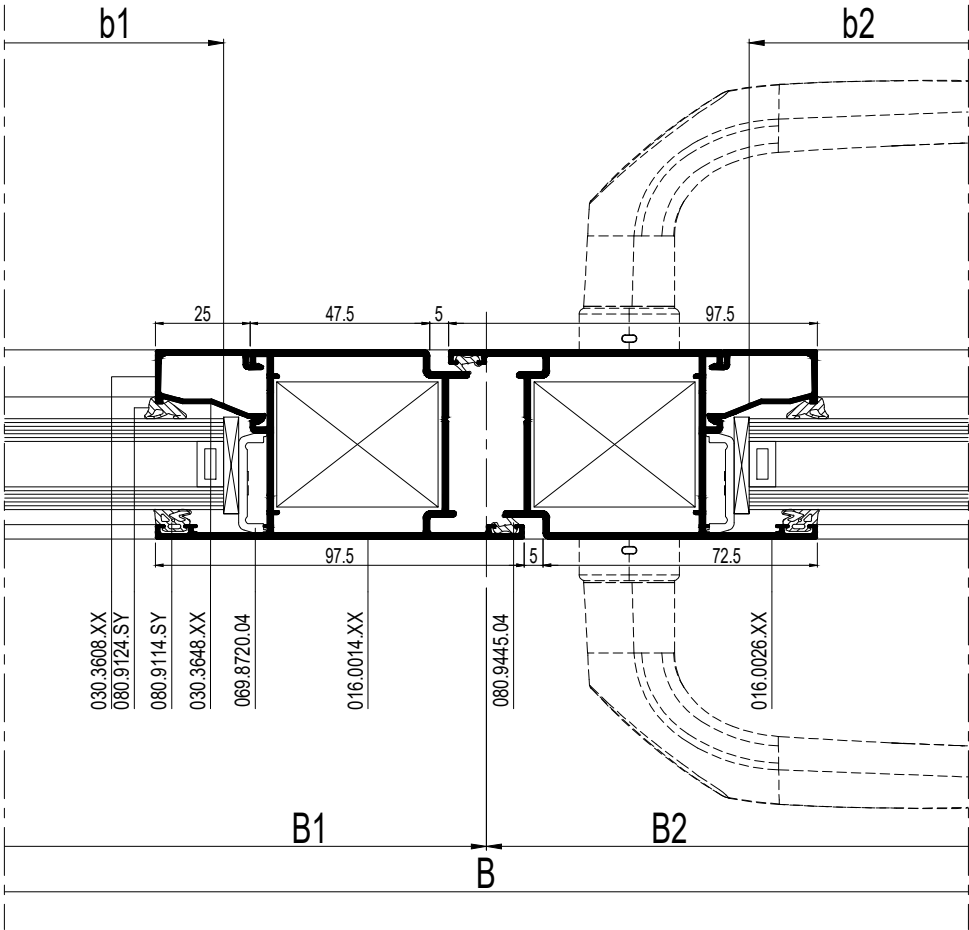
BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"



			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0026.XX			2	B1 - 31.5
			2	B2 - 31.5
			2	H - 46.5
			1	H - 46.5
016.0014.XX			1	H - 46.5
005.0031.XX			1	B1 - 64
			1	B2 - 60.5
001.1871.XX			1	B - 129
030.3608.XX			2	B1 - 176.5
			2	B2 - 176.5
			4	H - 241

b1 = B1 - 190.5
b2 = B2 - 190.5
h = H - 205.5

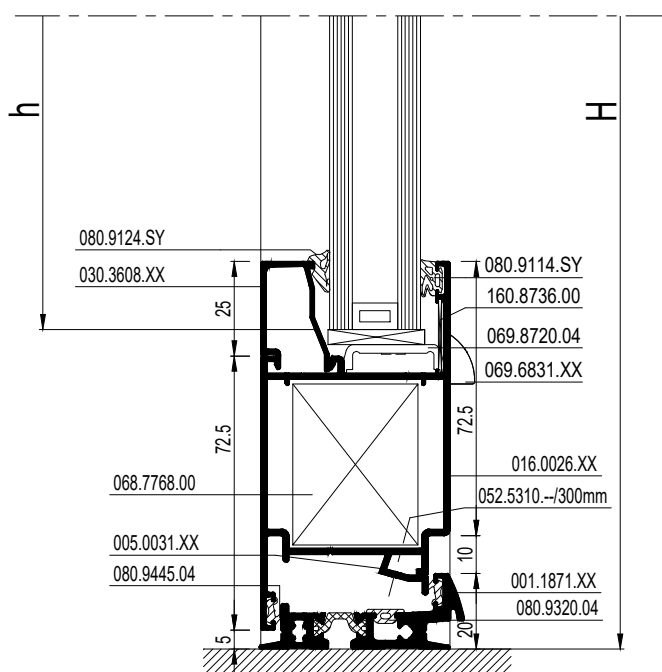
DDI 3



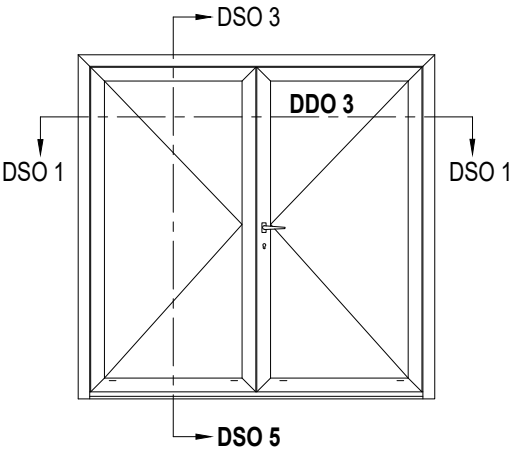
		#
068.8154.00		2
068.8194.00		8
160.8736.00		8
069.6831.XX		C14C.F....
069.8720.04		C14C.F....
069.6692.04		1
069.6693.04		1
061.7539.04		1
052.5313.--		2
052.5316.--		2
069.6600.04		1
052.5313.--		2
052.5316.--		2
080.9445.04		(2xB)+(6xH)
080.9114.SY		(2xb1)+(2xb2)+(4xh)
080.9124.SY		(2xb1)+(2xb2)+(4xh)
081.9320.04		B
081.9092.04		8 x 38.5
052.5310.--		1/300mm

BESLAG DEUREN > ZIE "OPENING DOORS"
ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
DOORS GEAR > SEE "OPENING DOORS"
TUERENBESLAG > SIEHE "OPENING DOORS"

DSI 5



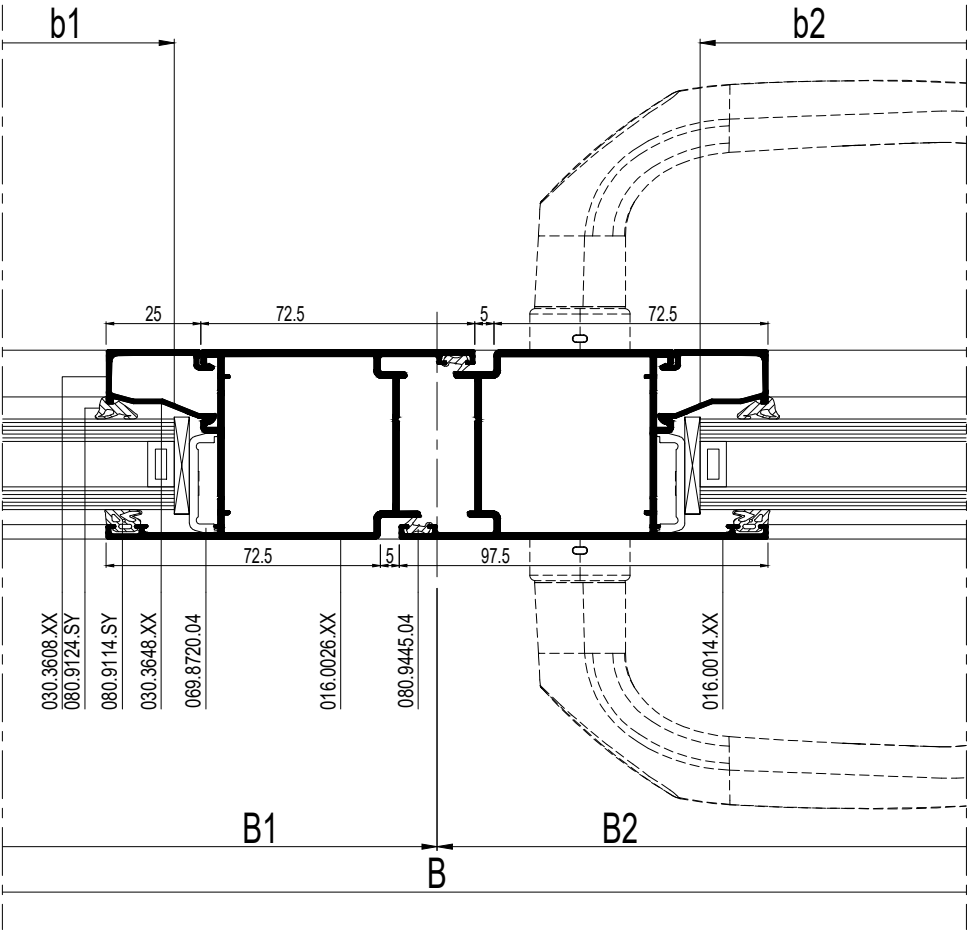
schaal - échelle
scale - Maßstab
1/2



			#	Lm
016.0898.XX			1	B
			1	H
			1	H
016.0014.XX			2	B1 - 31.5
			2	B2 - 31.5
			2	H - 46.5
			1	H - 46.5
016.0026.XX			1	H - 46.5
005.0031.XX			1	B1 - 64
			1	B2 - 60.5
001.1871.XX			1	B - 129
030.3608.XX			2	B1 - 176.5
			2	B2 - 176.5
			4	H - 241

b1 = B1 - 190.5
b2 = B2 - 190.5
h = H - 205.5

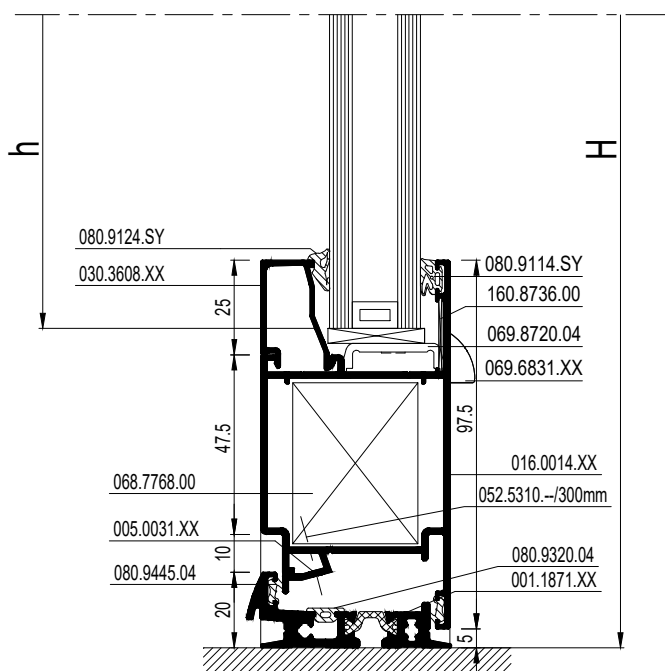
DDO 3

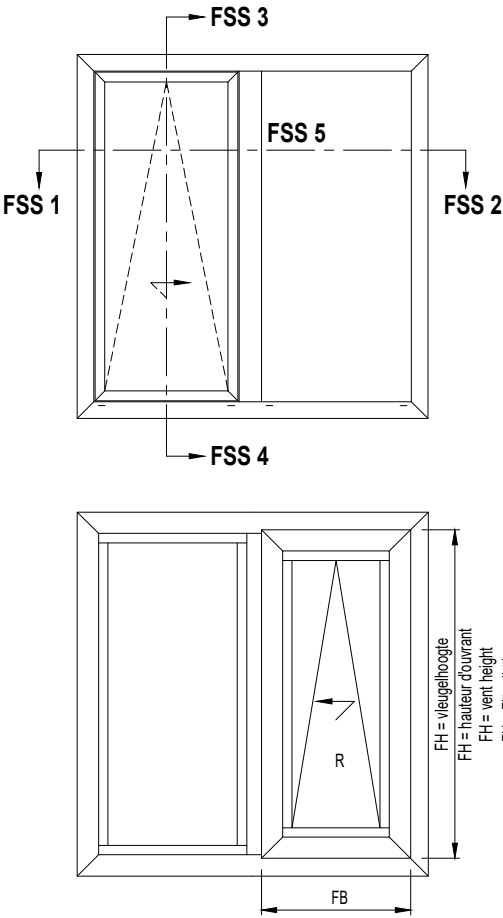


		#
068.8154.00		2
068.8194.00		8
160.8736.00		8
069.6831.XX		C14C.F....
069.8720.04		C14C.F....
069.6692.04		1
069.6693.04		1
061.7539.04		1
052.5313.--		2
052.5316.--		2
069.6600.04		1
052.5313.--		2
052.5316.--		2
080.9445.04		(2xB)+(6xH)
080.9114.SY		(2xb1)+(2xb2)+(4xh)
080.9124.SY		(2xb1)+(2xb2)+(4xh)
081.9320.04		B
081.9092.04		4x 38.5
052.5310.--		1/300mm

BESLAG DEUREN > ZIE "OPENING DOORS"
 ACCESSOIRES PORTES > VOIRE "OPENING DOORS"
 DOORS GEAR > SEE "OPENING DOORS"
 TUERENBESCHLAG > SIEHE "OPENING DOORS"

DSO 5



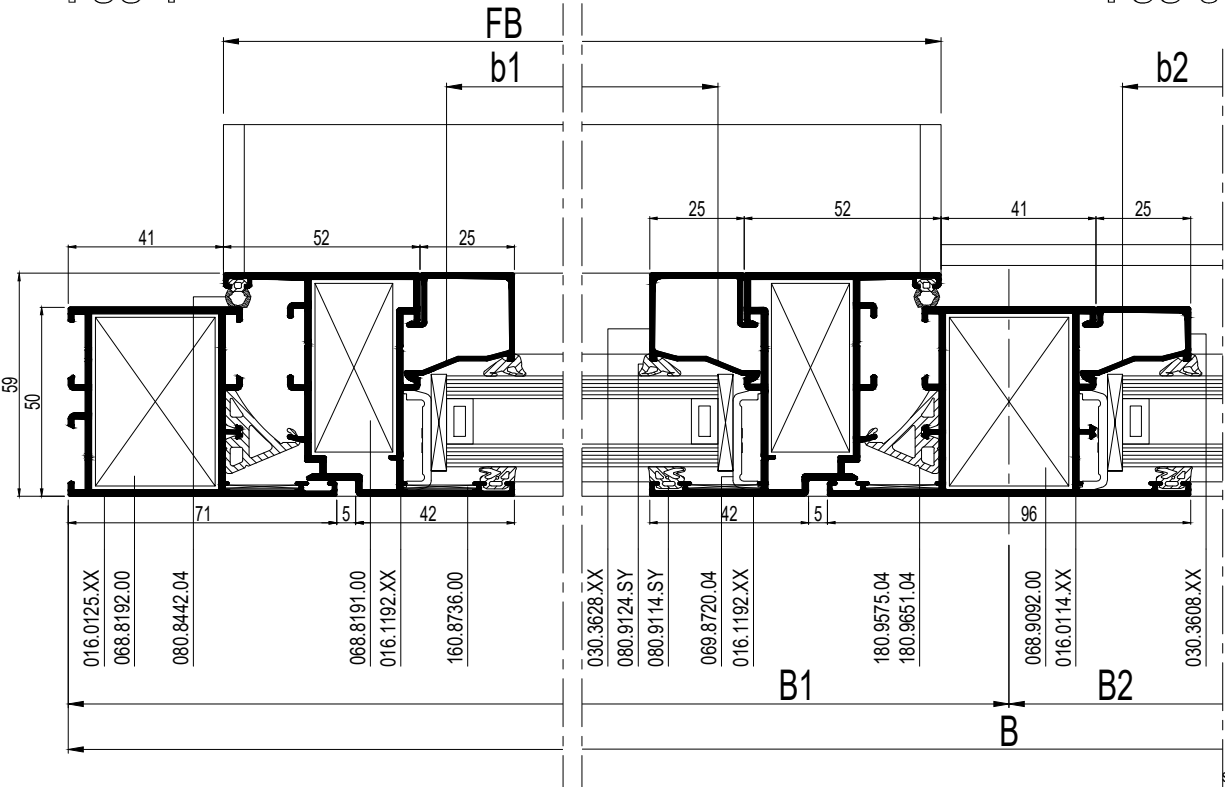


			#	Lm
016.0125.XX			2	H
			2	B
016.1192.XX			2	H - 82
			2	B1 - 59
016.0114.XX			1	H - 92
030.3876.XX (*)			1	B1
016.0114.XX			1	B
030.3628.XX			2	B1 - 163
			2	H - 236
030.3608.XX			2	B2 - 69
			2	H - 142

b1 = B1 - 177
h1 = H - 200
b2 = B2 - 83
OPITE / OPTION (*)

FSS 1

FSS 5

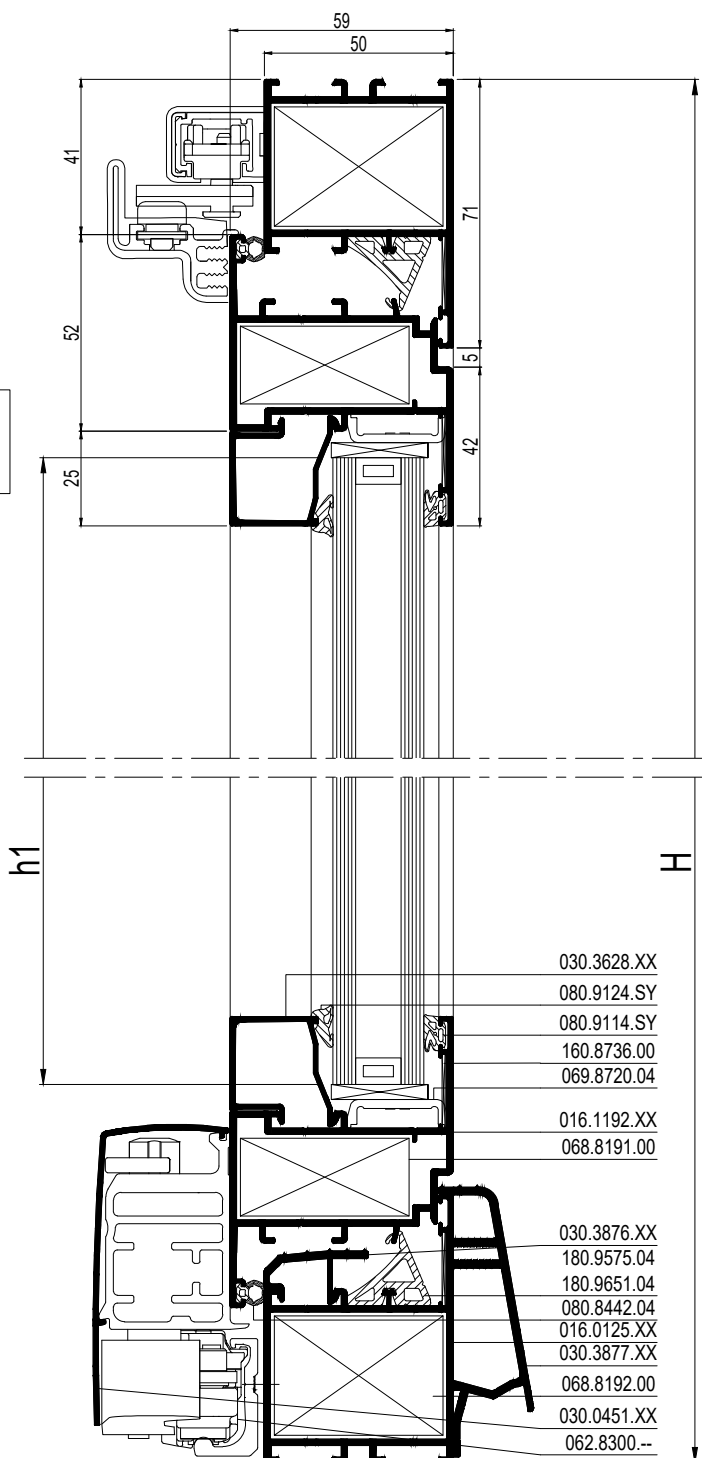


scalaal - échelle
scale - Maßstab
1/2

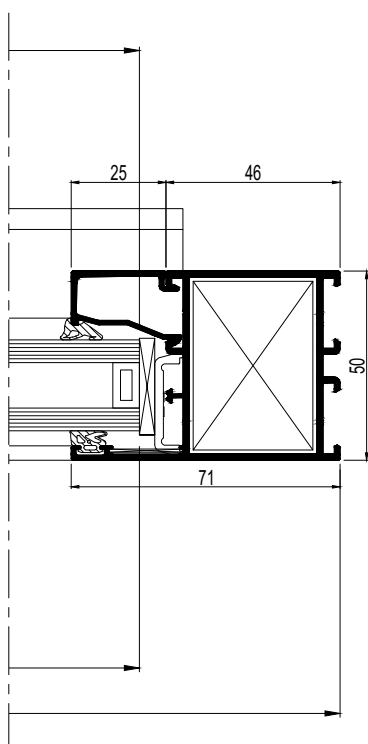
		#
068.8191.00		4
068.8192.00		4
160.8736.00		12
069.8720.04		14C.F....
068.9092.00		2
068.8996.04		4
180.9651.04		(2xB1)+(2xH)
080.8442.04		(2xB1)+(2xH)
080.9114.SY		(2xb1)+(2xh1) (2xb2)+(2xh2)
080.9124.SY		(2xb1)+(2xh1) (2xb2)+(2xh2)
180.9575.04		4

RAAMBESLAG > ZIE "OPENING WINDOWS"
 ACCESSOIRES FENETRES > VOIRE "OPENING WINDOWS"
 WINDOW GEAR > SEE "OPENING WINDOWS"
 FENSTERBESCHLAG > SIEHE "OPENING WINDOWS"

FSS 3



FSS 2



FSS 4

F

Montagetekeningen
Fabrication et montage
Assembly drawings
Montagezeichnungen

		
	095.D440.00+097.0622.00	1 016.0026.XX 016.0898.XX 2 016.0014.XX



097.0622.00

		
	095.D440.00+097.0650.00	3 016.1102.XX 016.1121.XX 016.1192.XX



097.0650.00

		
	095.D440.00+097.0414.00	4 016.0113.XX 016.0114.XX 016.0120.XX 016.0820.XX 016.0143.XX 016.0847.XX 016.0813.XX 016.0814.XX 016.0817.XX



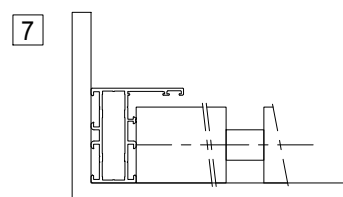
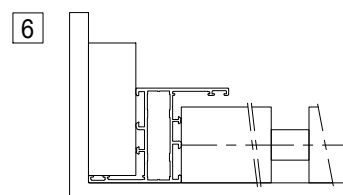
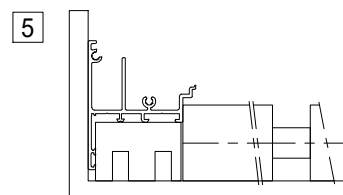
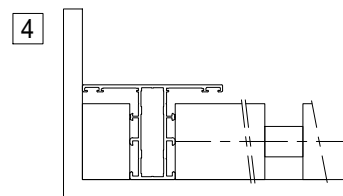
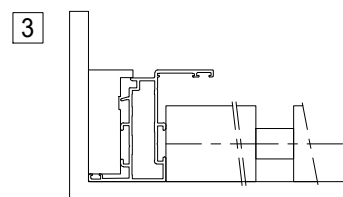
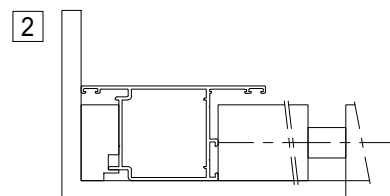
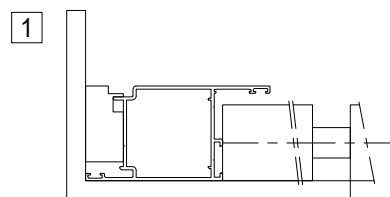
097.0414.00

		
	095.D440.00+097.0416.00	5 016.1115.XX



097.0416.00

		
	095.D440.00	7 016.0136.XX 016.0106.XX 016.0183.XX 016.0125.XX 016.0105.XX



BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN'!
 INFO COMPLÉMENTAIRE PRÉPARATION/USINAGE -> VOIR CHAPITRE F 'PRÉSCRIPTIONS DE MISE EN ŒUVRE'!
 ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA'!
 ZUSÄTZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN'!

schaal - échelle
 scale - Maßstab
 1/2

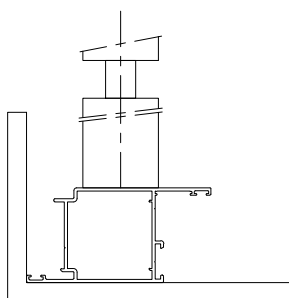
	
 095.B600.00	1 016.0026.XX 016.0898.XX 2 016.0121.XX 3 016.0014.XX 4 016.0113.XX 016.0114.XX 016.0115.XX 016.0120.XX 016.0820.XX 016.0143.XX 016.0847.XX 016.0813.XX 016.0814.XX 016.0817.XX 5 016.0136.XX 016.0106.XX 016.0183.XX 016.0125.XX 016.0105.XX

	
 095.B600.00 + 097.0415.00	6 016.0102.XX 016.0192.XX

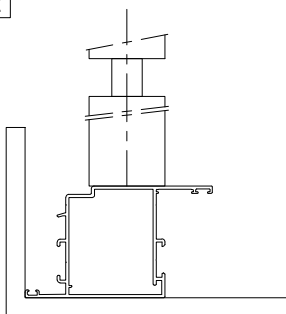


097.0415.00

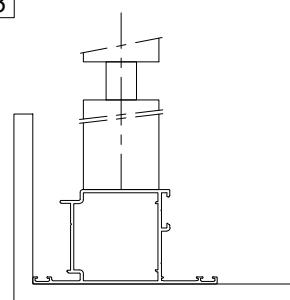
1



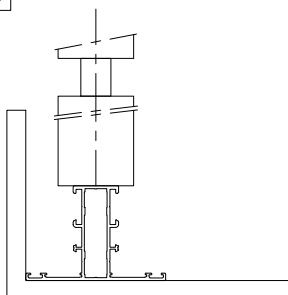
2



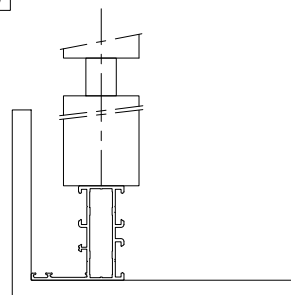
3



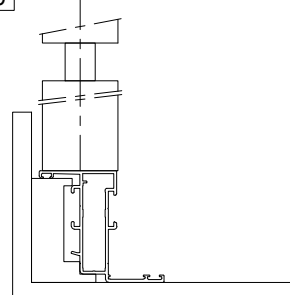
4



5



6



BOKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F "VERWERKINGSVOORSCHRIFTEN" !
 INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F "PRESCRIPTIONS DE MISE EN OEUVRE" !
 ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F "PROCESSING DATA" !
 ZUSÄTZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F "VERARBEITUNGSVORSCHRIFTEN" !

schaal - échelle
 scale - Maßstab
 1/2



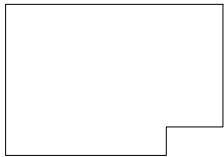




095.B700.00+095.B701.00



095.B701.00

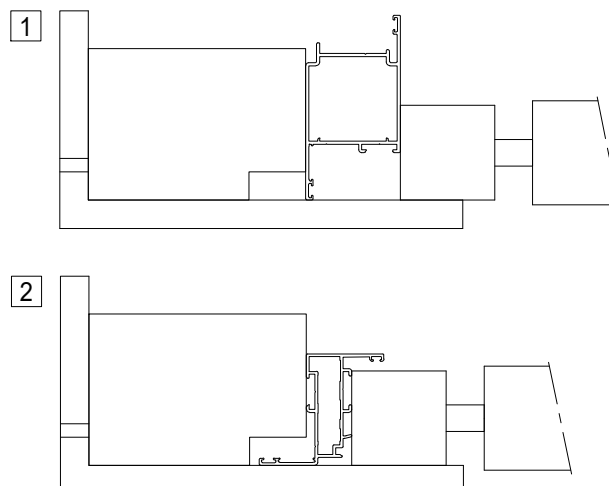


1 016.0026.XX

2 016.1102.XX
016.1121.XX
016.1192.XX

3 016.0014.XX

4 016.0113.XX
016.0114.XX
016.1115.XX
016.0120.XX
016.0820.XX
016.0847.XX
016.0813.XX
016.0814.XX
016.0817.XX





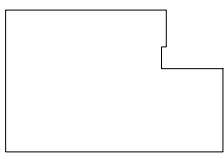




095.B700.00+095.B702.00



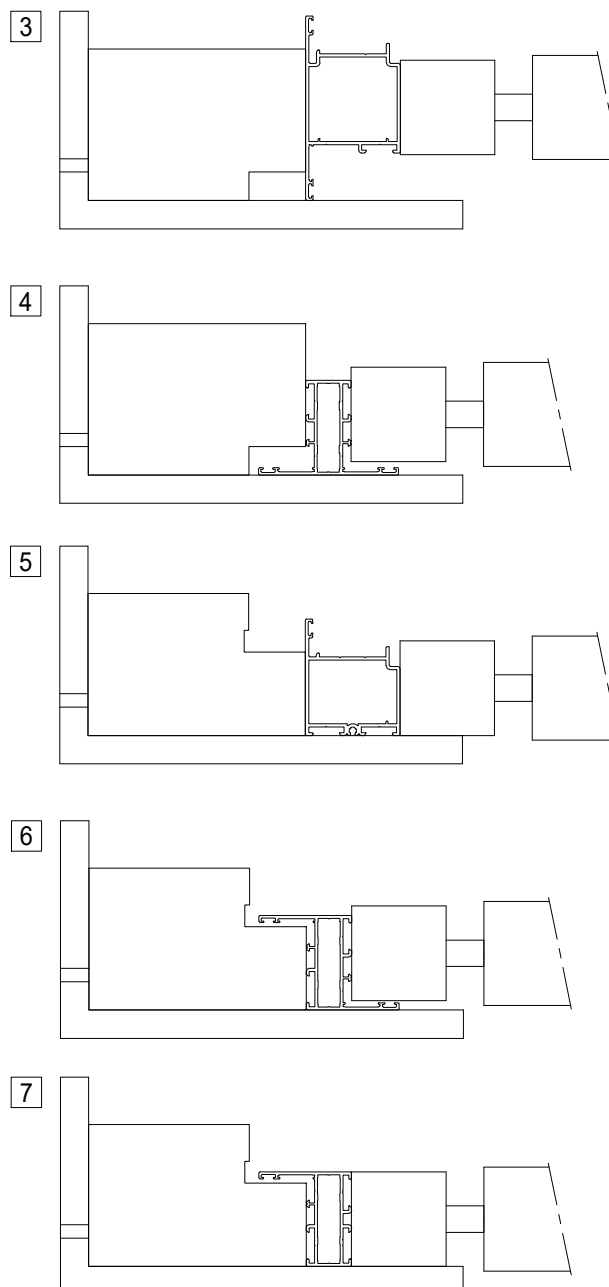
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5 016.0898.XX

6 016.0143.XX

7 016.0136.XX
016.0106.XX
016.0183.XX
016.0125.XX
016.0143.XX
016.0105.XX



BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !
 INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
 ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA' !
 ZUSÄTZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

095.N300.00+095.N304.00

095.N304.00

095.N301.00

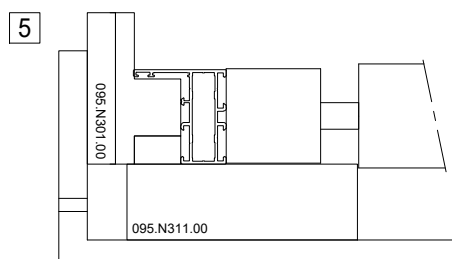
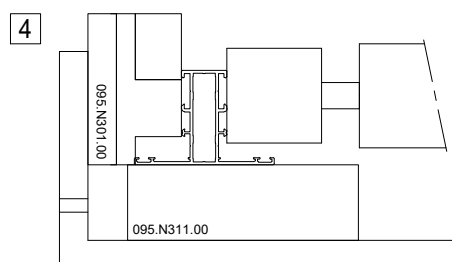
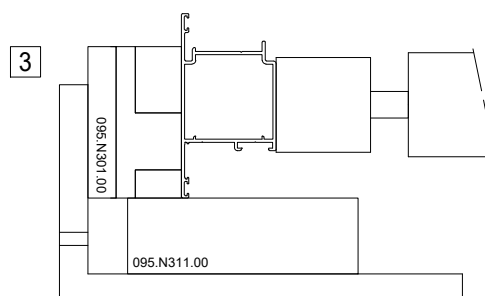
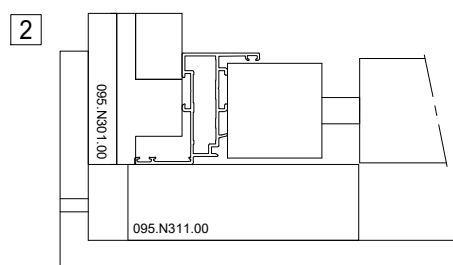
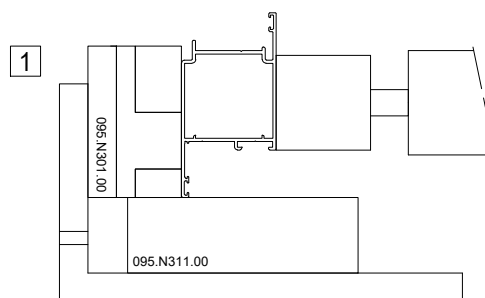
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016.0898.XX

2 016.1102.XX
016.1121.XX
016.1192.XX

3 016.0014.XX

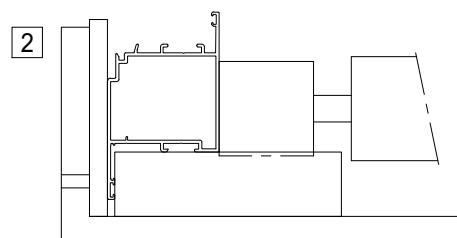
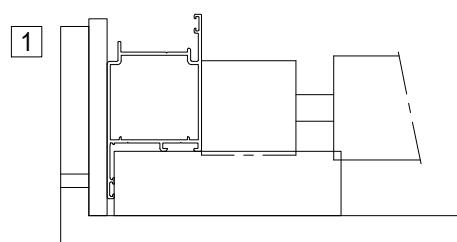
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016.0114.XX
016.1115.XX
016.0120.XX
016.0820.XX
016.0143.XX
016.0847.XX
016.0813.XX
016.0814.XX
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5 016.0136.XX
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016.0183.XX
016.0125.XX
016.0143.XX
016.0105.XX

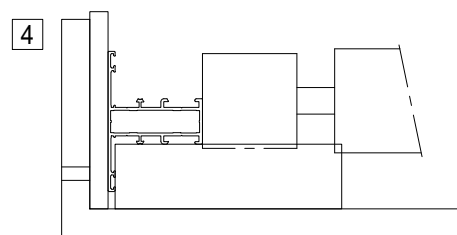
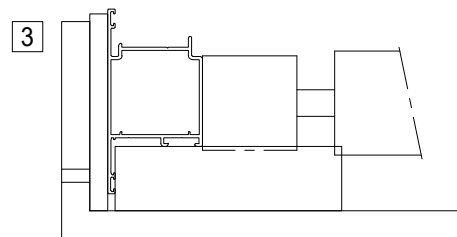


BOEKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !
 INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
 ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA' !
 ZUSÄTZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

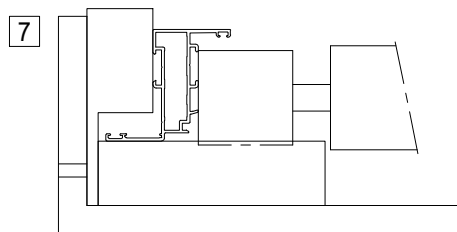
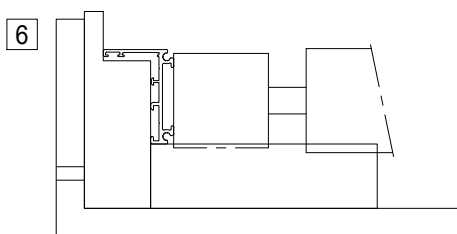
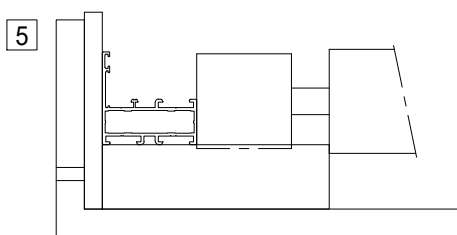
	
	095.E000.00+095.E052.00
	
095.E052.00	
	
1	016.0026.XX 016.0898.XX
2	016.1121.XX
3	016.0014.XX
4	016.0113.XX 016.0114.XX 016.1115.XX 016.0120.XX 016.0820.XX 016.0143.XX 016.0847.XX 016.0813.XX 016.0814.XX 016.0817.XX
5	016.0136.XX 016.0106.XX 016.0183.XX 016.0125.XX 016.0143.XX 016.0105.XX



	
	095.E000.00+095.E053.00
	
095.E053.00	
	
6	016.0105.XX

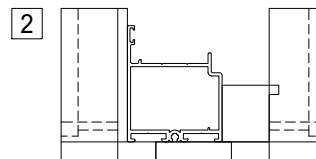


	
	095.E000.00+095.E054.00
	
095.E054.00	
	
7	016.1102.XX 016.1192.XX



Bijkomende info voorbereiding/verwerking -> zie hoofdstuk F 'VERWERKINGSVOORSCHRIFTEN' !
 INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
 ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA' !
 ZUSÄTZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

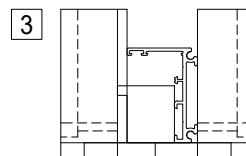
		
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	095.C300.00+095.C353.00	2 016.0898.XX 3 016.0105.XX



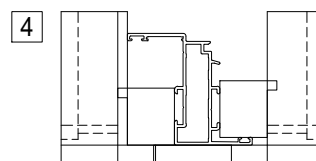
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	095.C300.00+2x095.C353.00	4 016.1102.XX 016.1192.XX



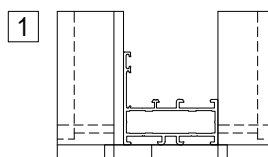
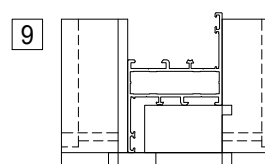
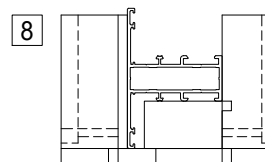
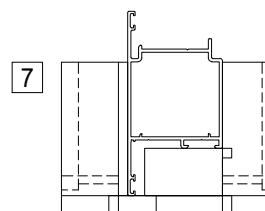
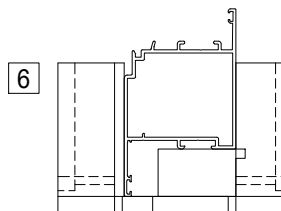
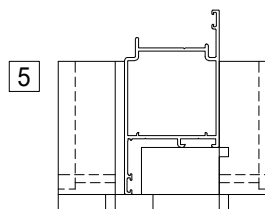
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	095.C300.00+095.C354.00	5 016.0026.XX 9 016.0143.XX 6 016.1121.XX 7 016.0014.XX 8 016.0113.XX 016.0114.XX 016.1115.XX 016.0120.XX 016.0820.XX 016.0143.XX 016.0847.XX 016.0813.XX 016.0814.XX 016.0817.XX

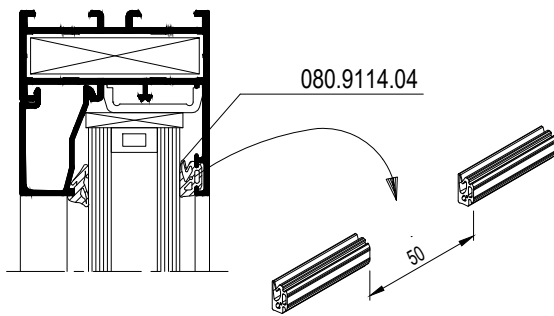
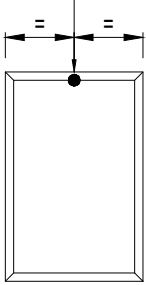


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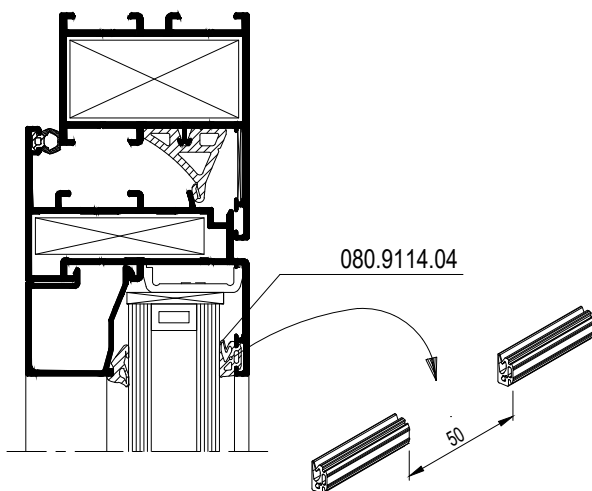
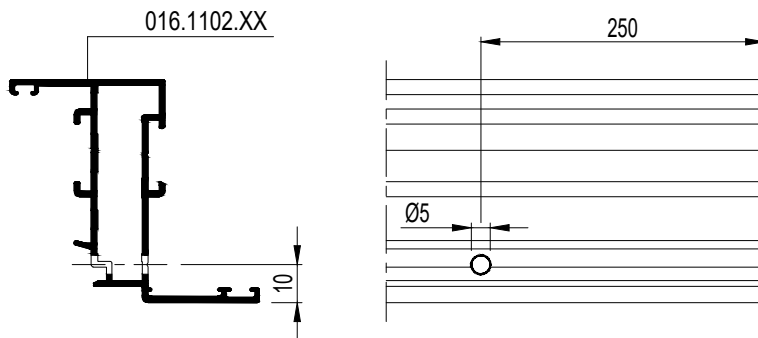
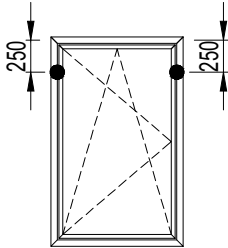


BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !
 INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
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 ZUSÄTZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

DECOMPRESSIE VAST RAAM
DECOMPRESSION FENETRE FIXE
DECOMPRESSION FIXED WINDOW
DEKOMPRESSIÖN FESTVERGLASUNG

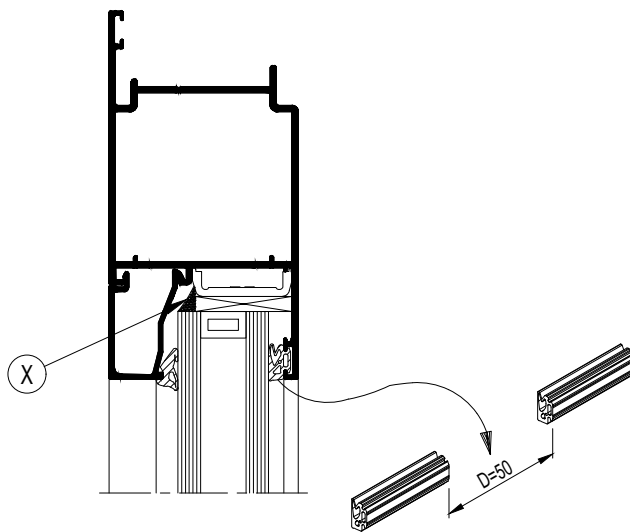
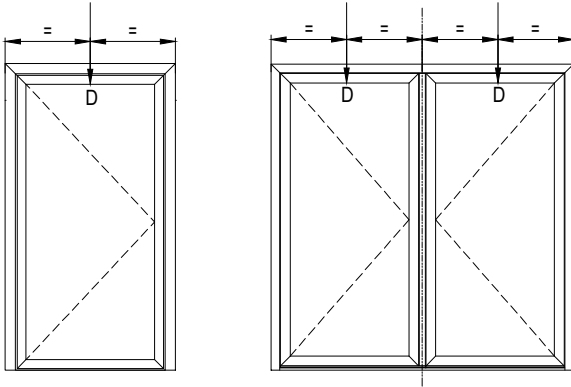


DECOMPRESSIE IN DE VLEUGEL
DECOMPRESSION DANS L' OUVRANT
DECOMPRESSION IN THE VENT
DEKOMPRESSIÖN IM FLÜGEL



DECOMPRESSIE - BINNENDRAAIENDE VLAKKE DEUREN.
 DECOMPRESSION - PORTES PLAINES OUVR. VERS L'INT.
 DECOMPRESSION - INWARD OPENING FLUSH DOORS
 DEKOMPRESSION - INNEN OEFFN. FLACHE TUEREN

DECOMPRESSIE - DEURVLEUGEL
 DEKOMPRESSION - OUVRANT
 DECOMPRESSION - VENT
 DEKOMPRESSION - TUERFLUEGEL

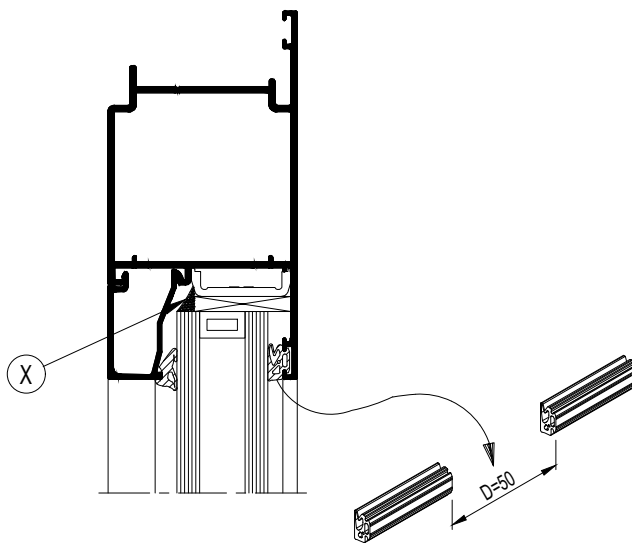
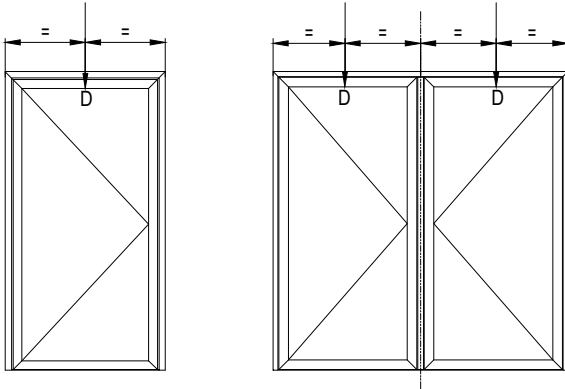


(X) DICHTINGSMIDDEL
 MATIERE D'ETANCHEITE
 SEALING AGENT
 ABDICHTUNG

schaal - échelle
 scale - Maßstab
 1/2

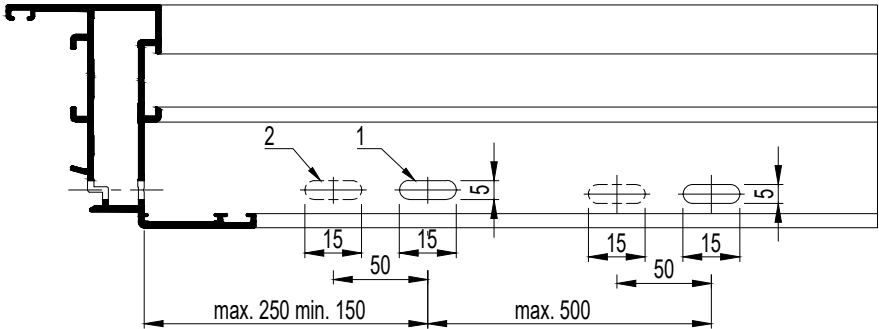
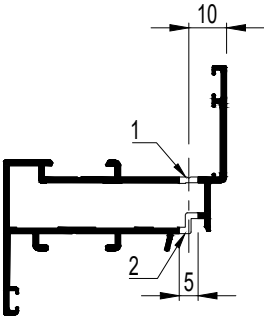
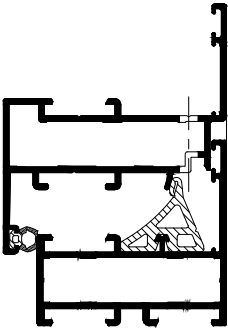
DECOMPRESSION - BUITENDRAAIENDE VLAKE DEUREN
DECOMPRESSION - PORTES PLAINES OUVR. VERS L'EXT.
DECOMPRESSION - OUTWARD OPENING FLUSH DOORS
DECOMPRESSION - AUSSEN OEFFN. FLACHE TUEREN

DECOMPRESSIE - DEURVLEUGEL
DEKOMPRESSIÖN - OUVRANT
DECOMPRESSION - VENT
DEKOMPRESSIÖN - TUEERFLUEGEL




016.1192.XX 016.1102.XX 016.1121.XX

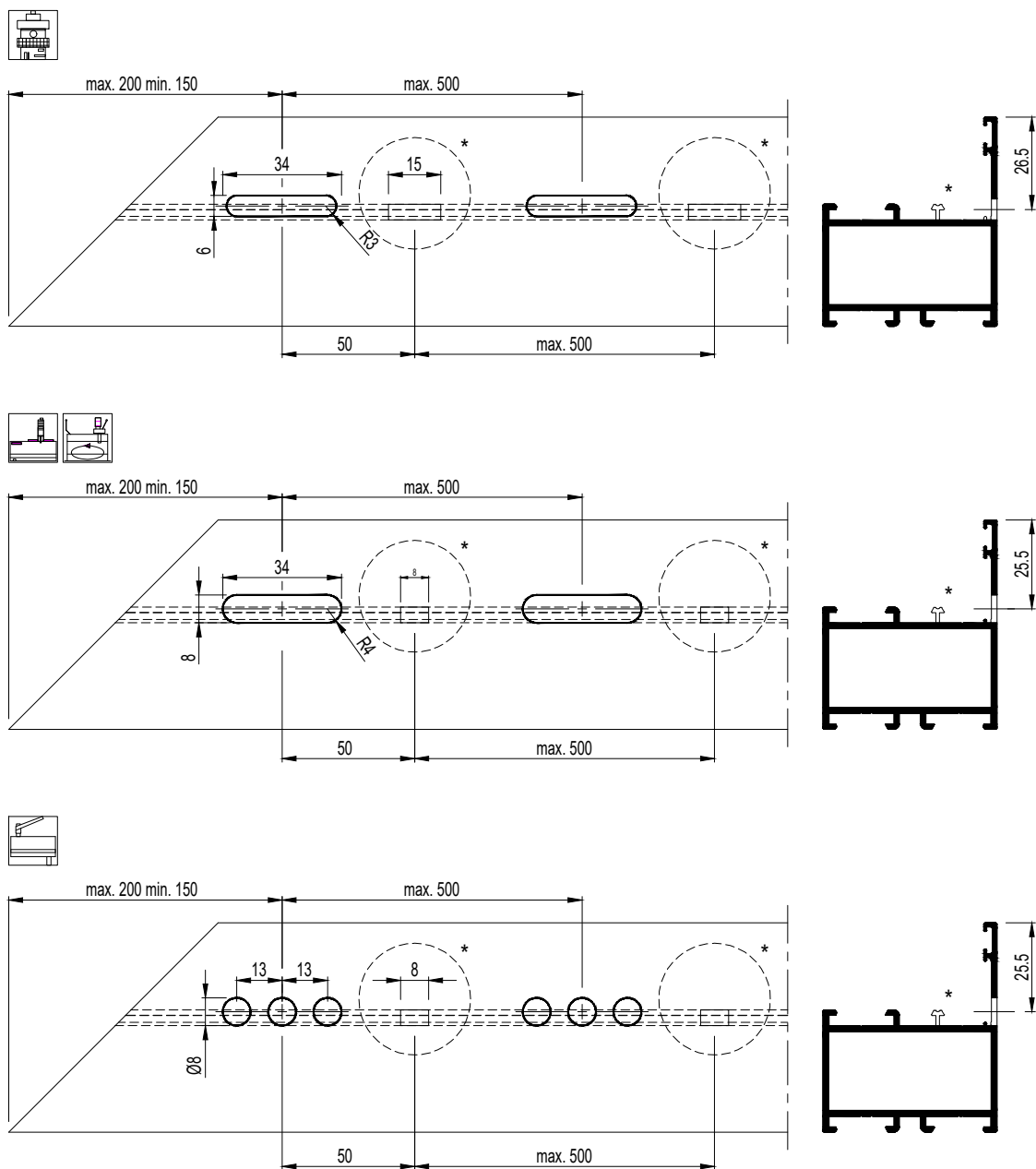
	
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	095.B300.00

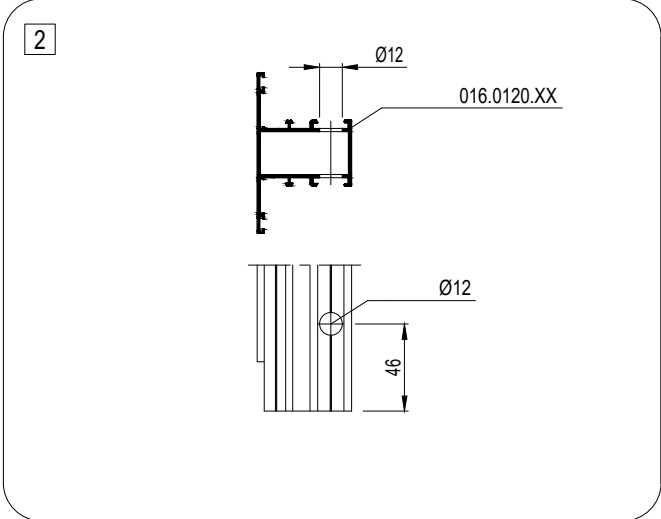
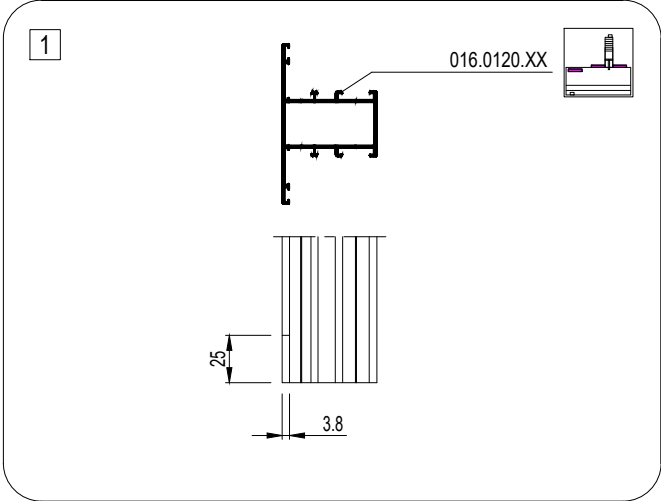
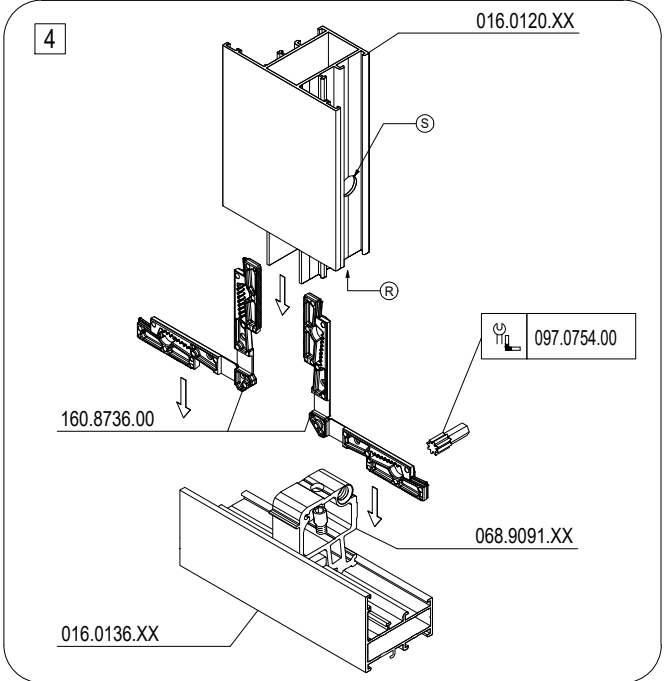
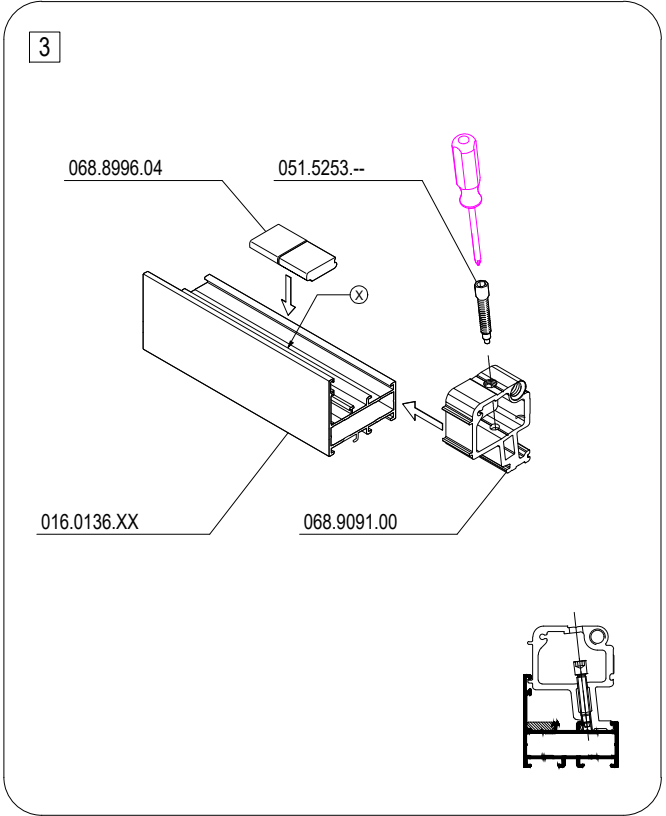
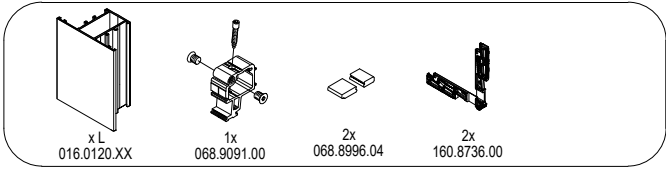
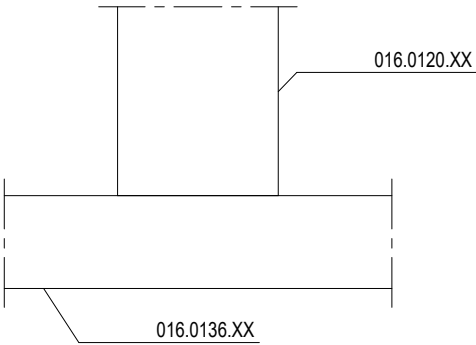
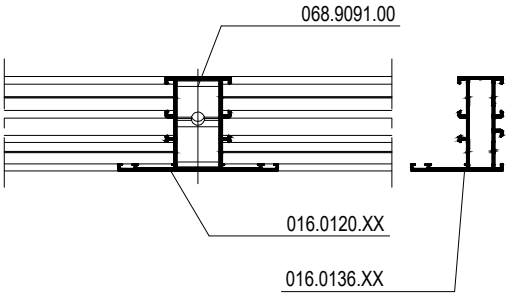


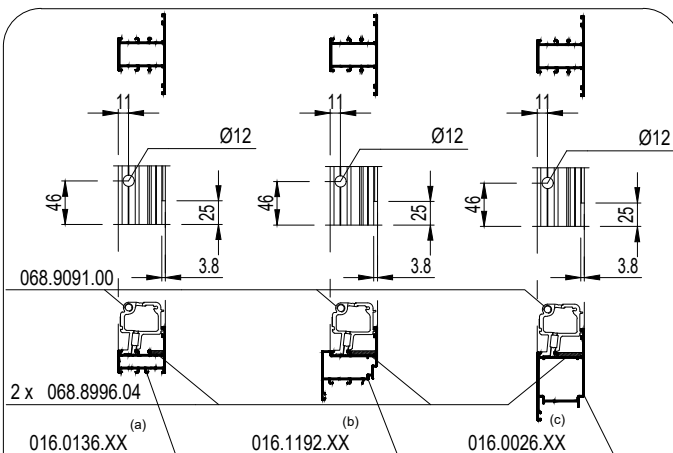
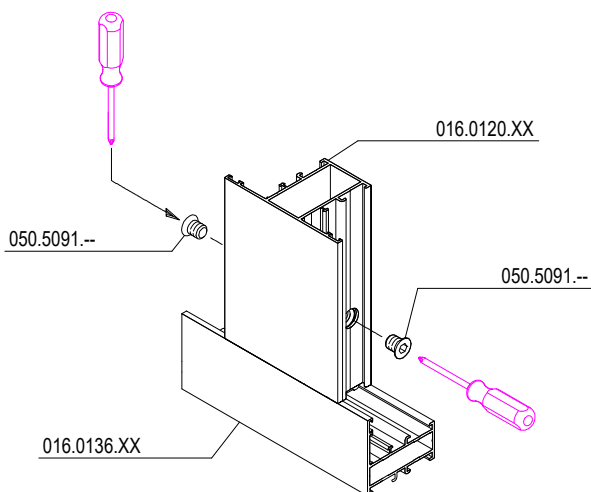
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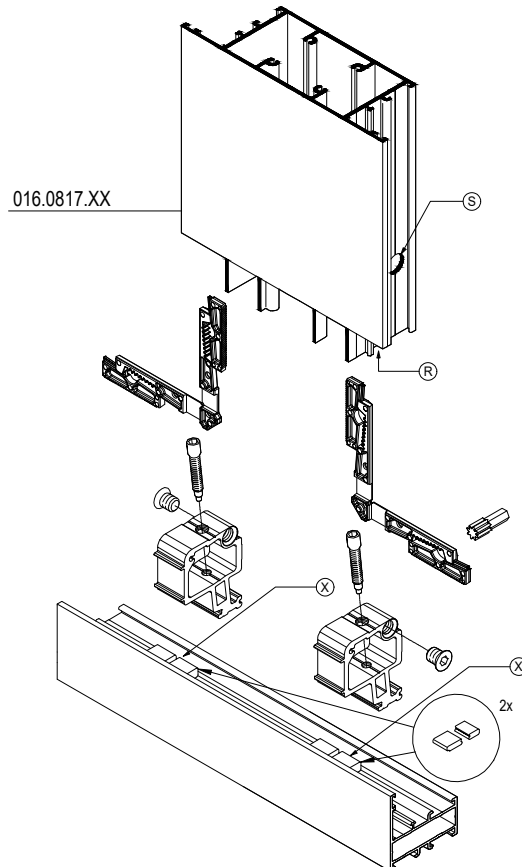
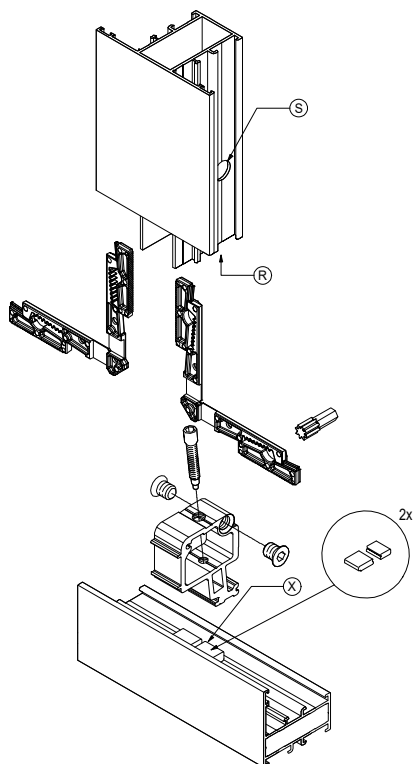
* Enkel bij vast raam
Seulement pour fenêtre fixe
Only for fixed window
Nur bei festverglasung





5

- (a) T-VERBINDER OP KADER OF T-PROFIEL
JONCTION-T SUR DORMANT OU PROFILE-T
T-VERBINDER IM BLENDRAHMEN ODER T-PROFIL
T-BRACKET ON OUTER FRAME OR T-PROFILE
- (b) T-VERBINDER OP VLEUGEL
JONCTION-T SUR OUVRANT
T-VERBINDER IM FLÜGEL
T-BRACKET ON VENT
- (c) T-VERBINDER OP DEURVLEUGEL
JONCTION-T SUR OUVRANT PORTE
T-VERBINDER AUF TÜRLÜGEL
T-BRACKET ON DOOR VENT



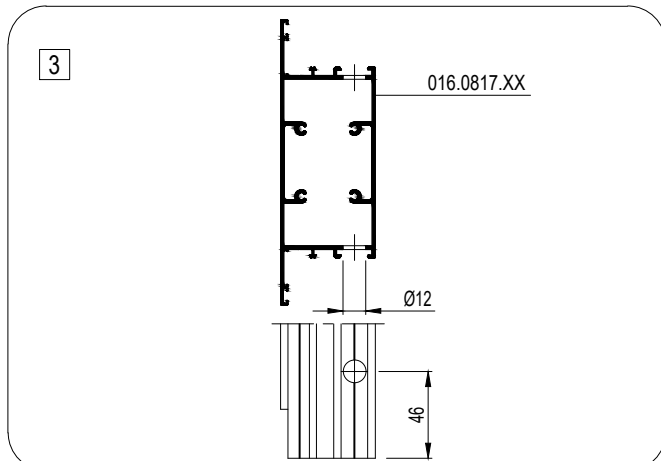
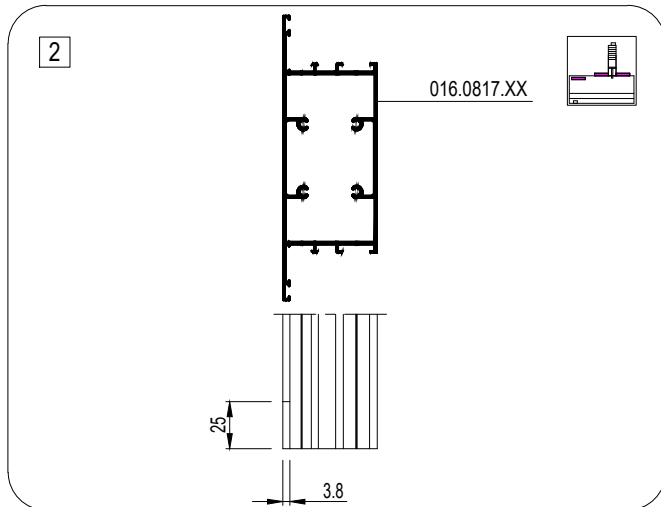
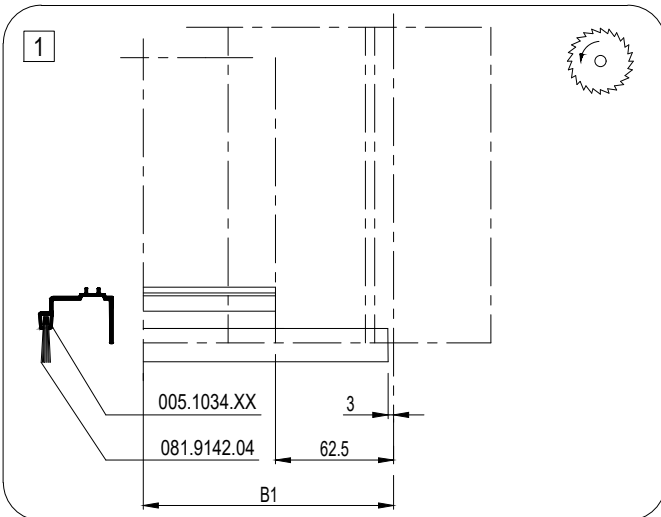
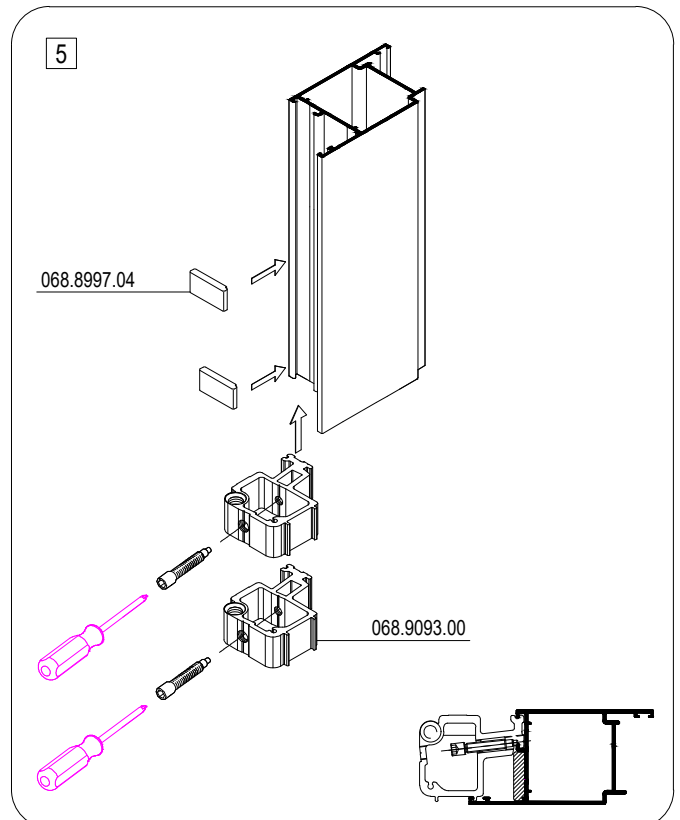
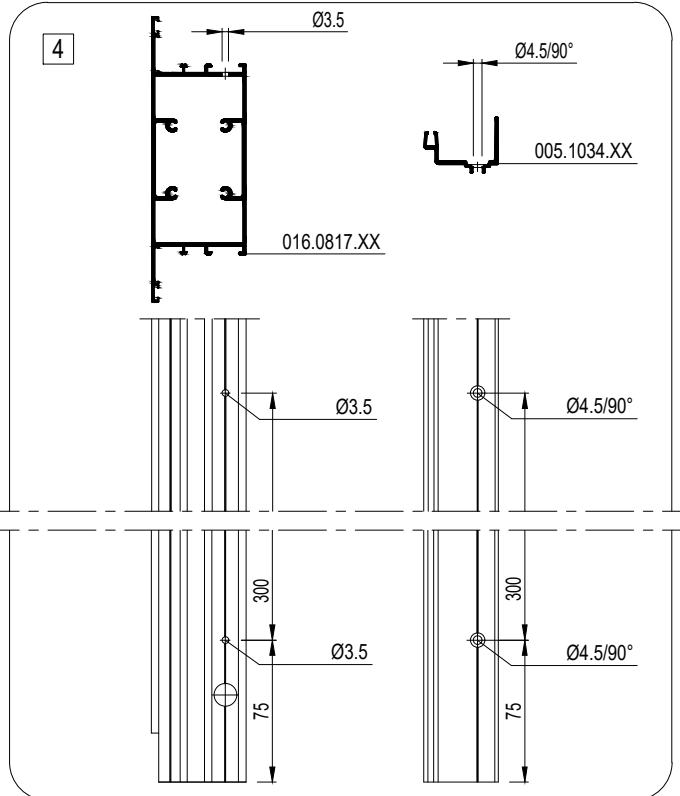
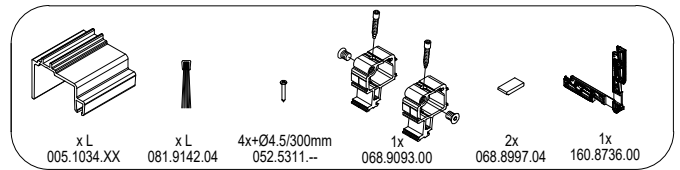
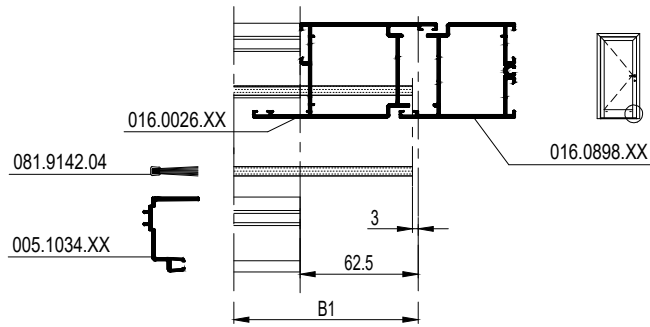
MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

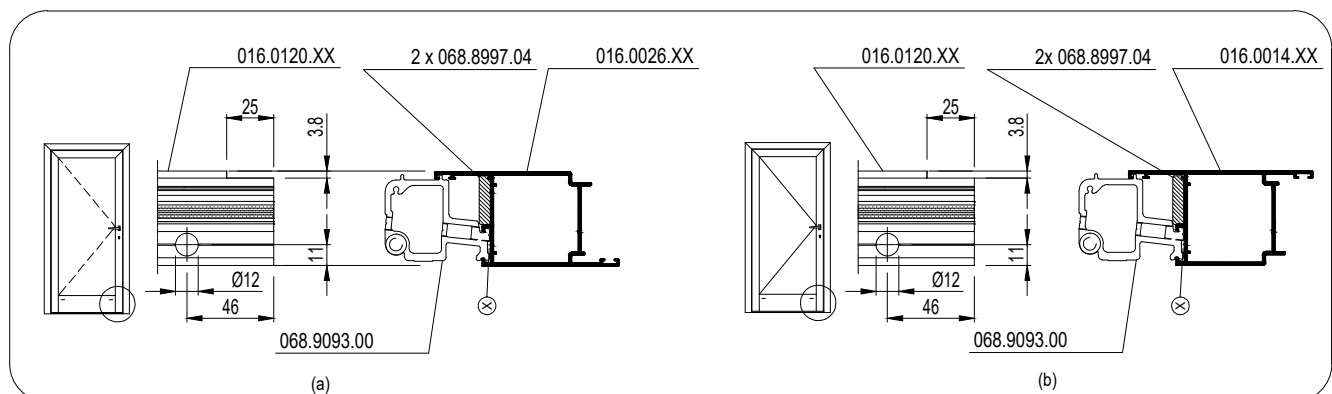
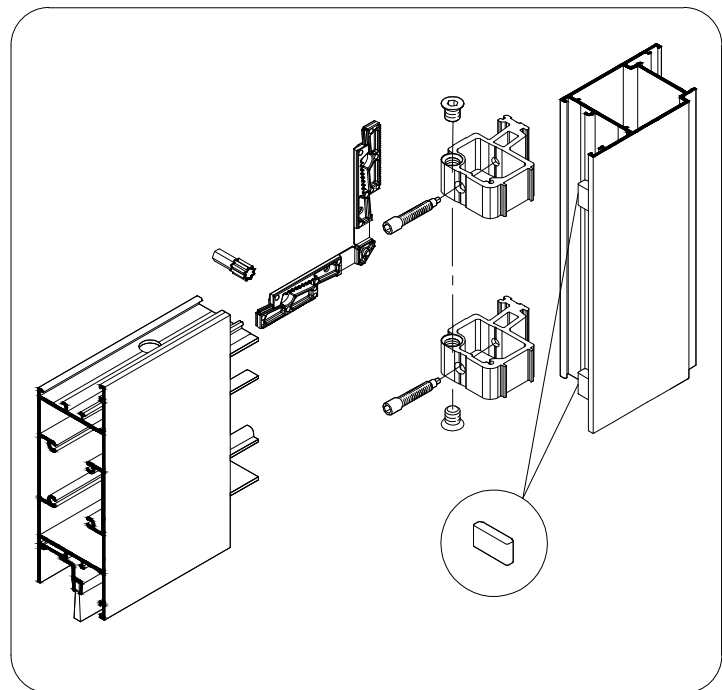
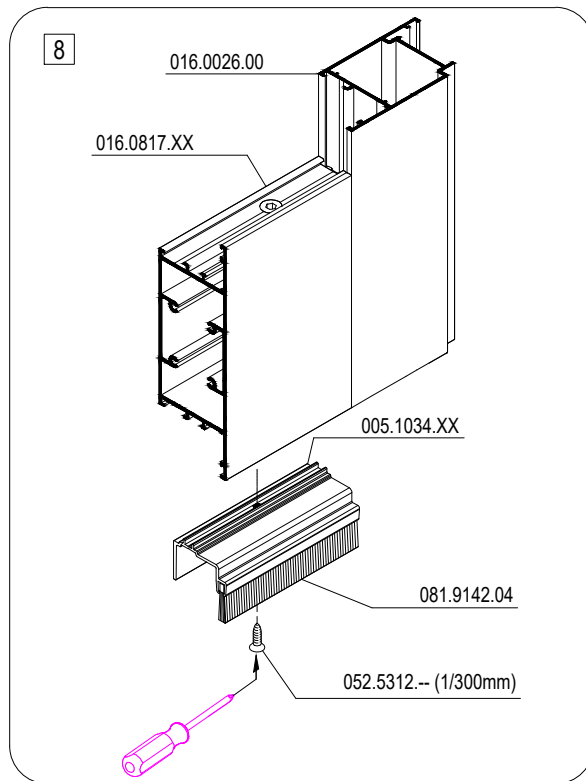
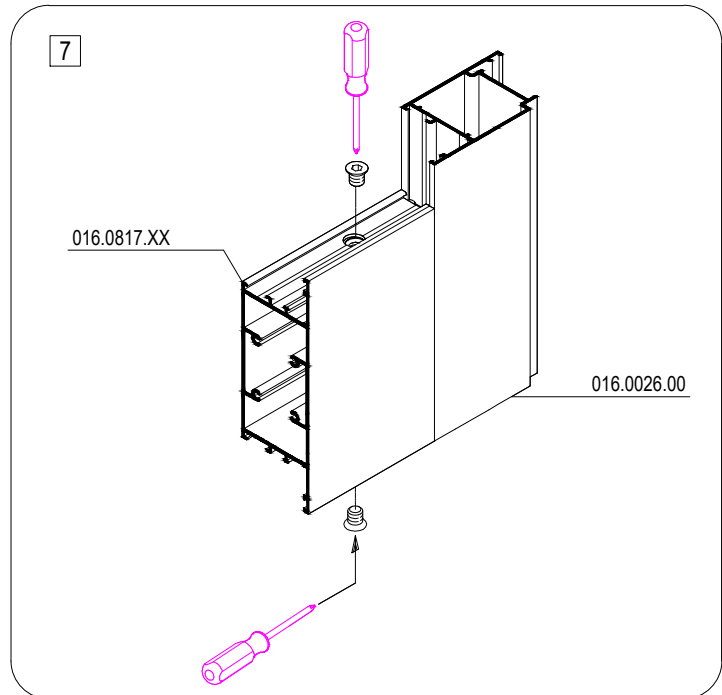
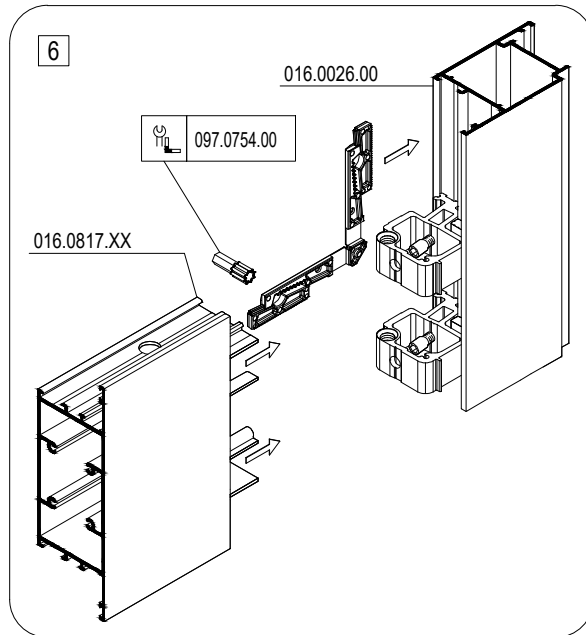
1	2	3	.
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X DICHINGSMIDDEL
MATIERE D'ETANCHEITE
SEALING AGENT
ABDICHTUNG

REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR

S REYNASTICK
REYNASTICK
REYNASTICK
REYNASTICK



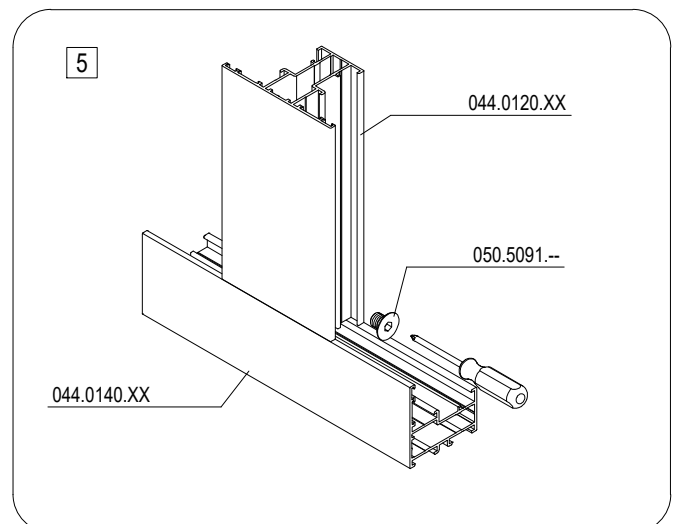
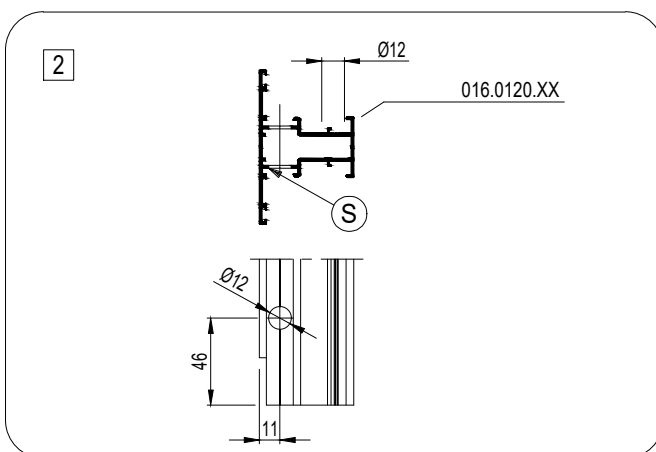
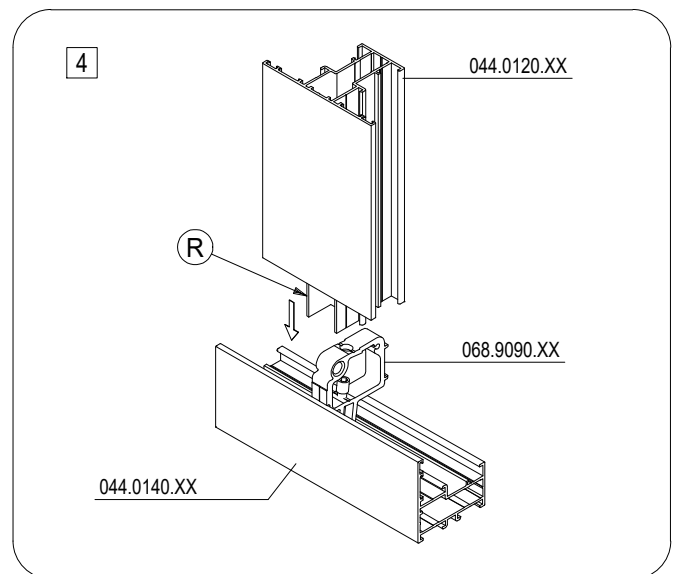
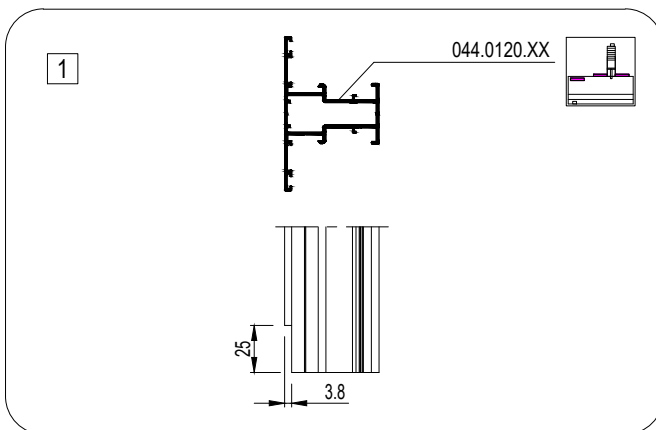
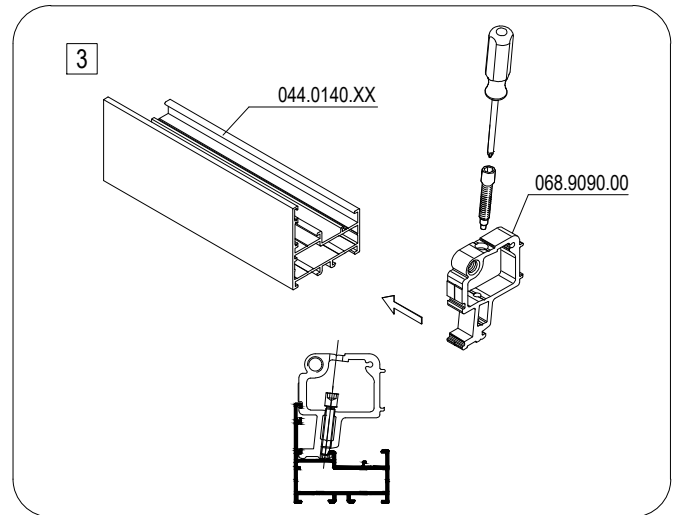
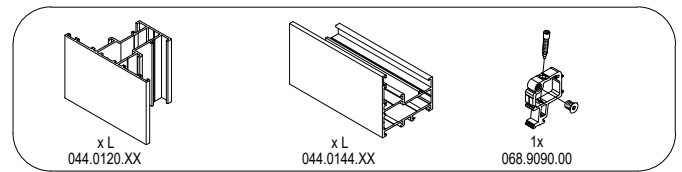
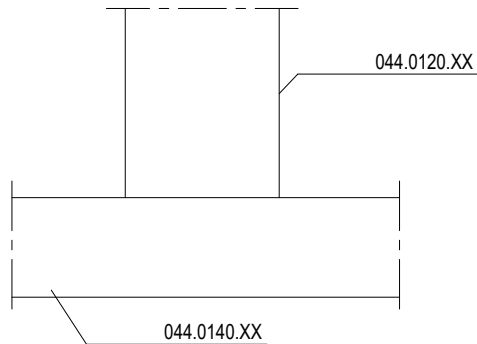
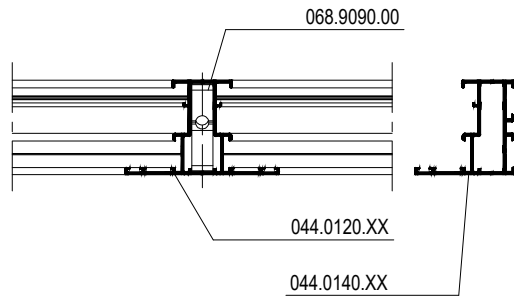


MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .

(X)

DICHTINGSMIDDEL
MATIERE D'ÉTANCHEITE
SEALING AGENT
ABDICHTUNG

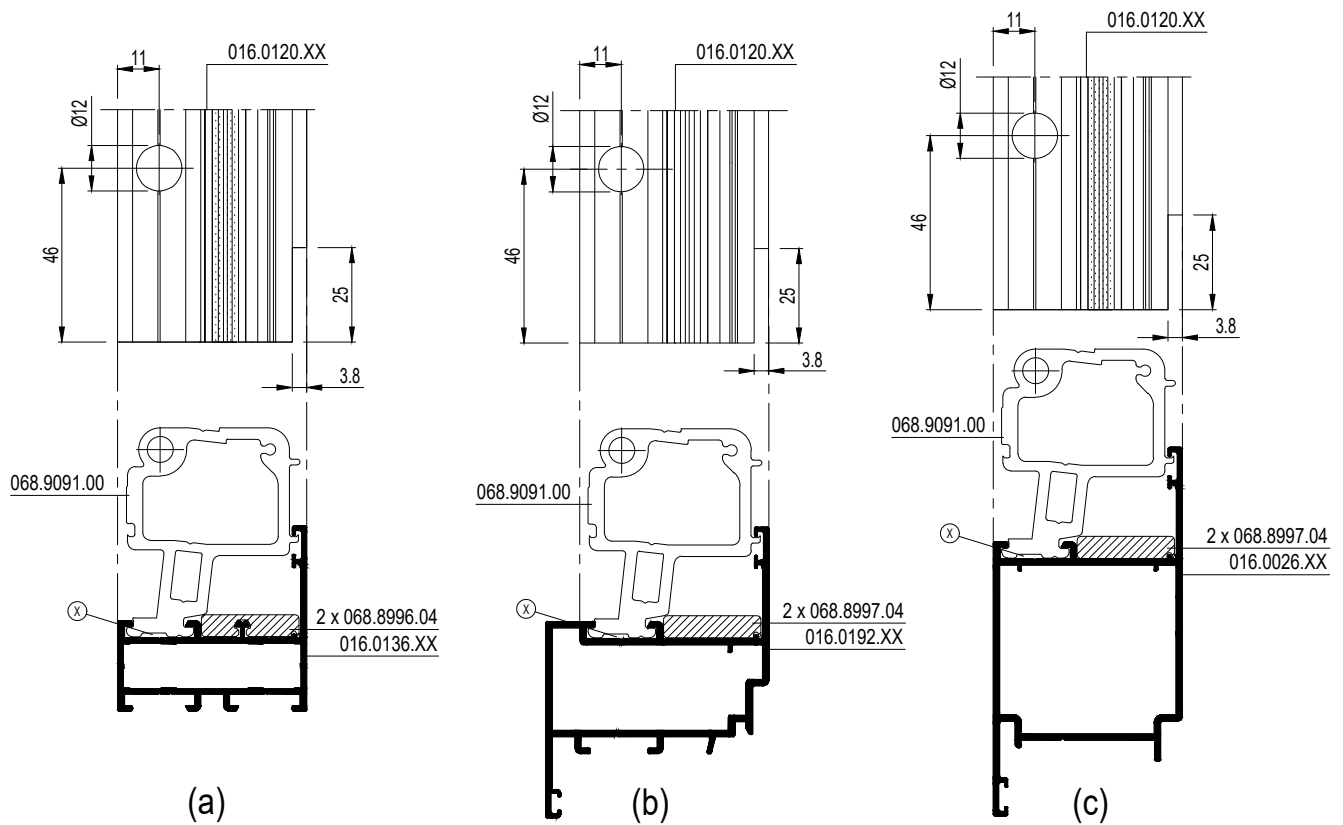


(S) REYNASTICK
REYNASTICK
REYNASTICK
REYNASTICK

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .

(R) REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR



- (a) T-VERBINDER OP KADER OF T-PROFIEL
JONCTION-T SUR DORMANT OU PROFILE-T
T-VERBINDER IM BLENDRAHMEN ODER T-PROFIL
T-BRACKET ON OUTER FRAME OR T-PROFILE
- (b) T-VERBINDER OP VLEUGEL
JONCTION-T SUR OUVRANT
T-VERBINDER IM FLÜGEL
T-BRACKET ON VENT
- (c) T-VERBINDER OP DEURVLEUGEL
JONCTION-T SUR OUVRANT PORTE
T-VERBINDER AUF TÜRFÜGEL
T-BRACKET ON DOOR VENT

MONTAGEVOLGORDE

1. Verlijmen
2. Montage steunhoek
3. Persen

L'ORDRE DE MONTAGE

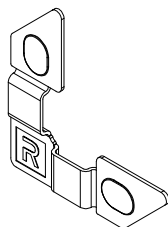
1. Coller
2. Assemblage câle de feuillure
3. Sertissage

ORDER OF ASSEMBLY

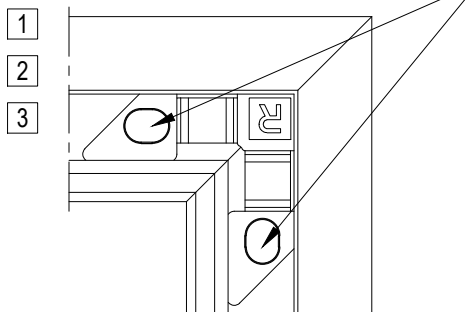
1. Glue
2. Assembly corner support
3. Crimping

MONTAGEREIHENFOLGE

1. Verkleben
2. Montage Glasanschlagwinkel
3. Verpressen



060.8717.--



Steunhoek 160.8736.00

MONTAGEVOLGORDE

1. Persen
2. Montage steunhoek
3. Aanschroefbaar met bits
097.0754.00
4. Verlijmen

Cale de feuillure 160.8736.00

L'ORDRE DE MONTAGE

1. Sertissage
2. Assemblage câle de feuillure
3. Vissable des coudees bits
097.0754.00
4. Coller

Rebate support 160.8736.00

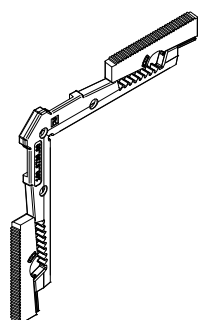
ORDER OF ASSEMBLY

1. Crimping
2. Assembly corner support
3. Screwable socket head wrenches
097.0754.00
4. Glue

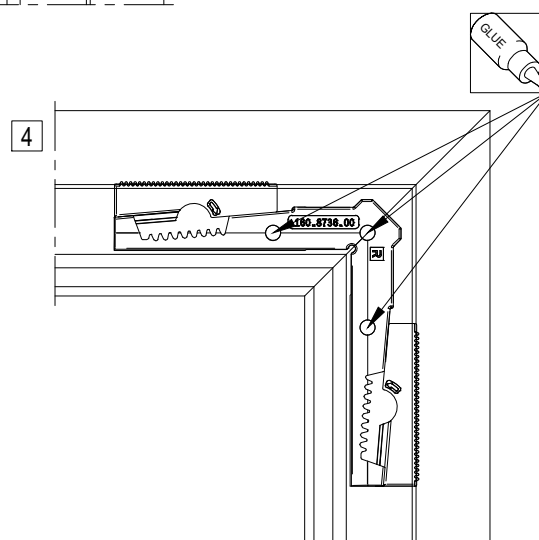
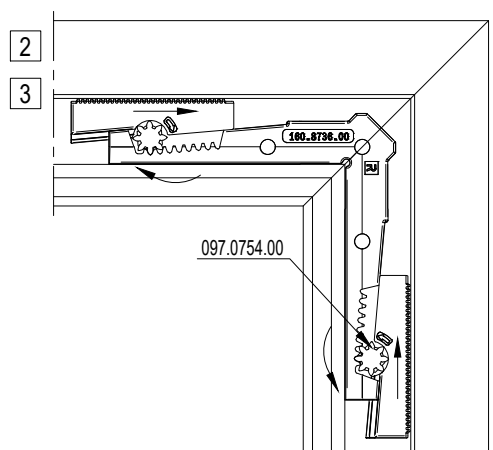
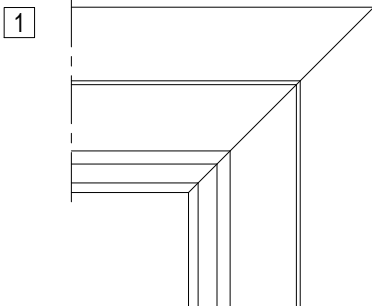
Glasanschlagwinkel 160.8736.00

MONTAGEREIHENFOLGE

1. Verpressen
2. Montage Eckwinkel
3. Schraubbar Sechskantschlüssel
097.0754.00
4. Verkleben



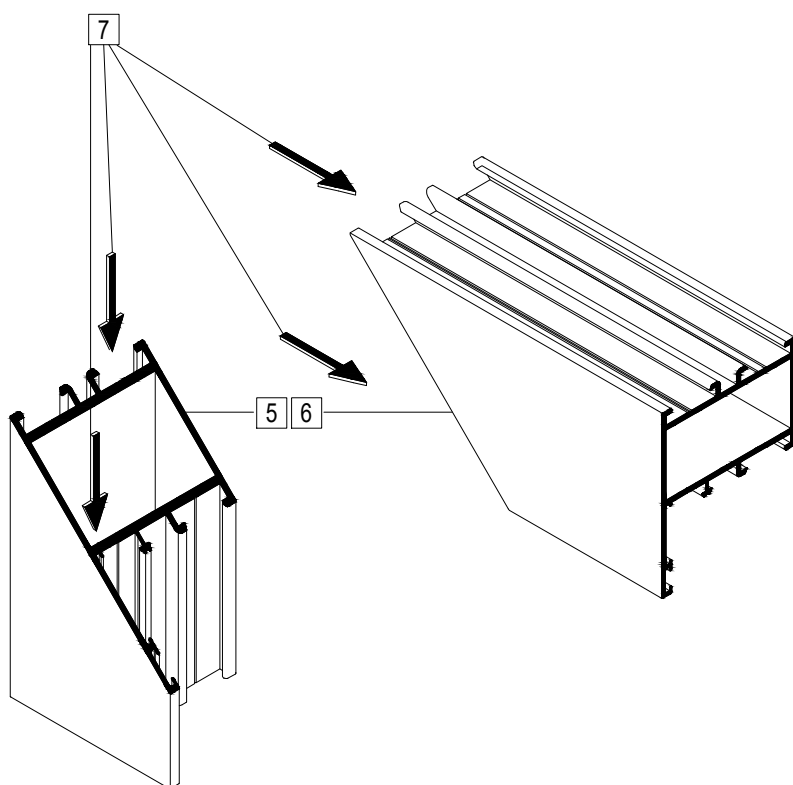
160.8736.00



MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .

schaal - échelle
scale - Maßstab
1/2



Pershoeken

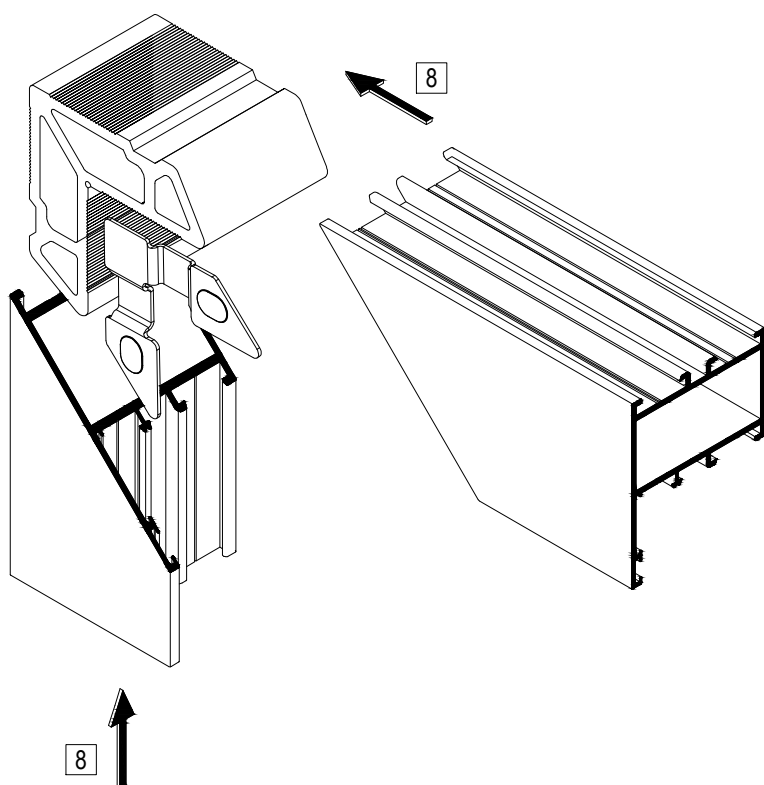
VOLGORDE

1. Correct zagen
2. Ontbramen (indien noodzakelijk)
3. Stof en zaagresten verwijderen
4. Ontvetten met Degreaser, art. nr. 086.9210.--
5. Anticorrosieproduct aanbrengen, art. nr. 086.9207.SY
6. Afdichten op de zaagsneden door middel van een neutraal, elastisch dichtingsmiddel
7. Verlijmen:- in de profielkamer
- op de plaats waar de steunhoek komt
door middel van tweekomponentenlijm, art. nr. 084.9080.--
8. Verbinding tot stand brengen en persen
9. Zichtvlakken reinigen met Reynaclean, art. nr. 086.9210.--

Equerres à sertir

ORDRE

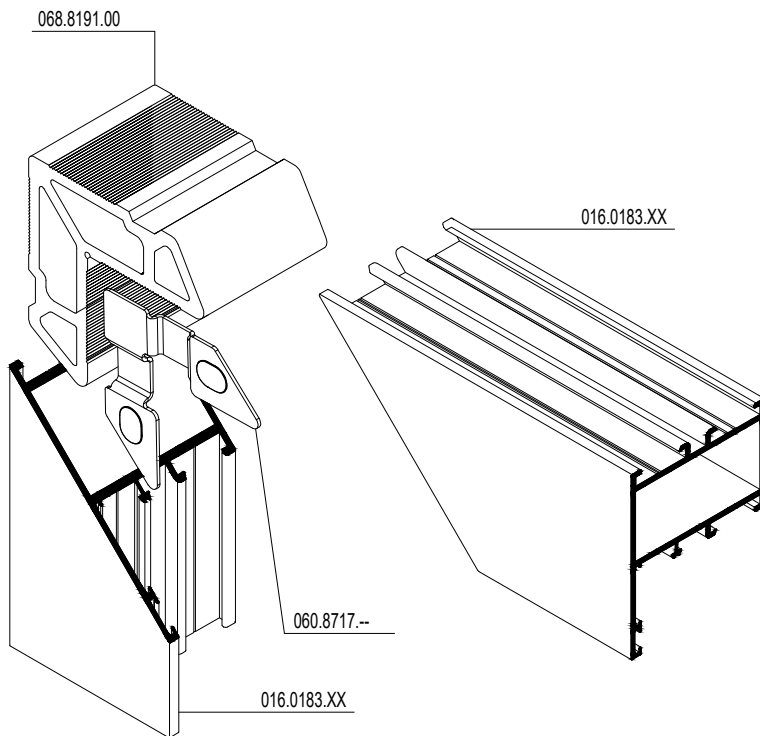
1. Tronçonnage correct
2. Ebavurage (si nécessaire)
3. Enlèvement des poussières et des copeaux de sciage
4. Degraissage avec Degreaser, art. n°. 086.9210.--
5. Application de produit anti-corrosion, art. n°. 086.9207.SY
6. Etachement des coupes au moyen de matières d'étachéité neutre, elastique
7. Encollage:- dans la chambre du profilé
- dans la rainure destinée à la cale de feuillure
au moyen de colle bicomposants, art. n°. 084.9080.--
8. Assemblage et sertissage
9. Nettoyage des surfaces visibles au moyen de Reynaclean, art. n°. 086.9210.--



MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .

schaal - échelle
scale - Maßstab
1/2



Presseckwinkel

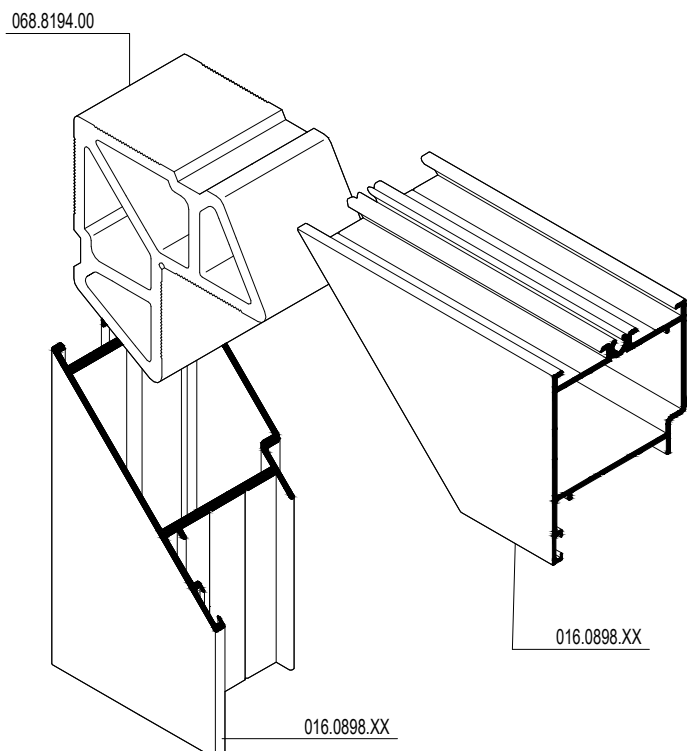
REIHENFOLGE

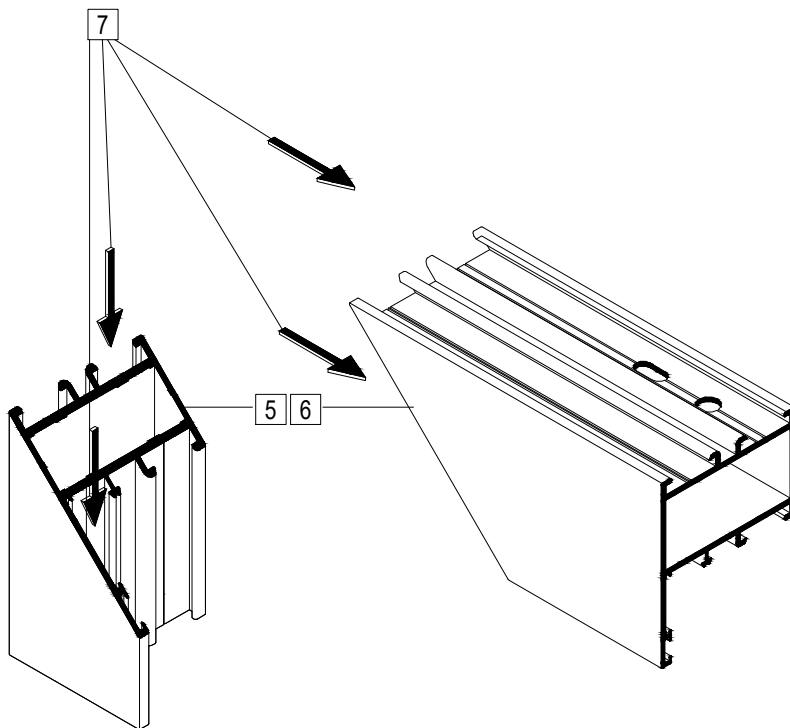
1. Zuschneiden
2. Entgraten (falls erforderlich)
3. Staub und Sägereste entfernen
4. Entfetten mit Degreaser, Art. nr. 086.9210.--
5. Korrosionsschutzprodukt aufbringen, Art. nr. 086.9207.SY
6. Die Schnittflächen mit einer neutralen, elastischen Dichtungsmasse versehen
7. Klebereinsatz:- in die Eckwinkelkammer
- im Bereich der Glasanschlagwinkel
(mit Zweikomponentenkleber, Art. nr. 084.9080.--)
8. Verbinden und verpressen
9. Die Sichtseiten säubern mit met Reynaclean, Art. nr. 086.9210.--

Crimp corner cleats

SEQUENCE

1. Correct sawing
2. Deburring (if necessary)
3. Removing dust and saw-dust
4. Degreasing with Degreaser, art. no 086.9210.--
5. Applying anti-corrosion product, art. no 086.9207.SY
6. Sealing on the saw cuts by means of a neutral, elastic sealing agent
7. Glueing : - in the profile chamber
- in the area where the rebate support will be inserted
by means of glue for corner connections, art. no. 084.9080.--
8. Assembly and crimping
9. Cleaning visible surfaces by means of Reynaclean art. no. 086.9210.--

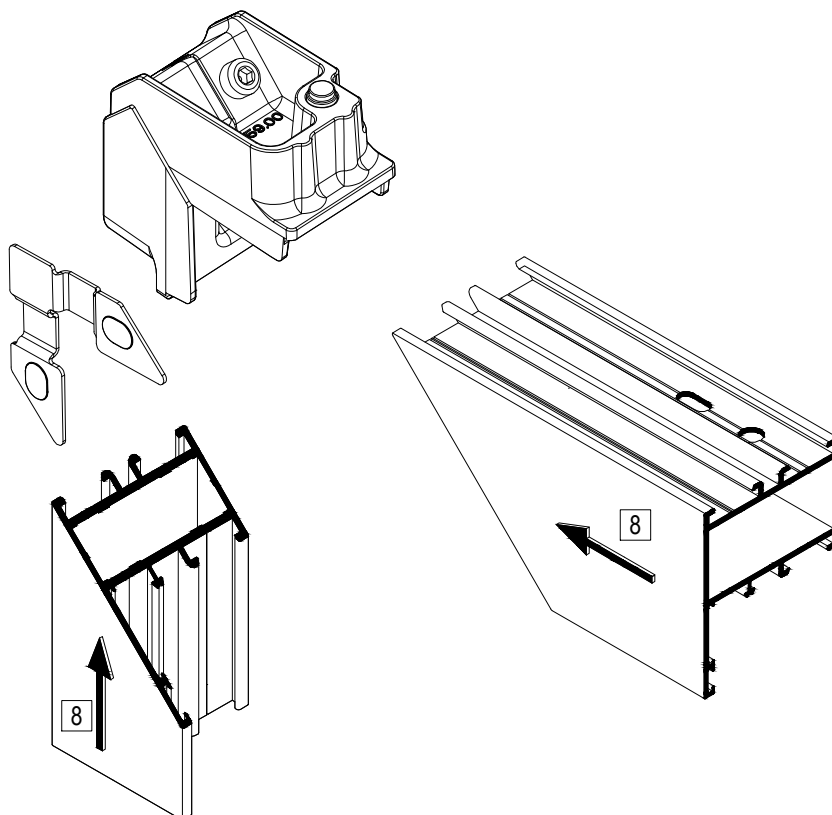




Pershoeken

VOLGORDE

1. Correct zagen
2. Ontbramen (indien noodzakelijk)
3. Stof en zaagresten verwijderen
4. Ontvetten met Degreaser, art. nr. 086.9210.--
5. Anticorrosieproduct aanbrengen, art. nr. 086.9207.SY
6. Afdichten op de zaagsneden door middel van een neutraal, elastisch dichtingsmiddel
7. Verlijmen:- in de profielkamer
- op de plaats waar de steunhoek komt
door middel van tweekomponentenlijm, art. nr. 084.9080.--
8. Verbinding tot stand brengen en persen
9. Zichtvlakken reinigen met Reynaclean, art. nr. 086.9210.--



Equerres à sertir

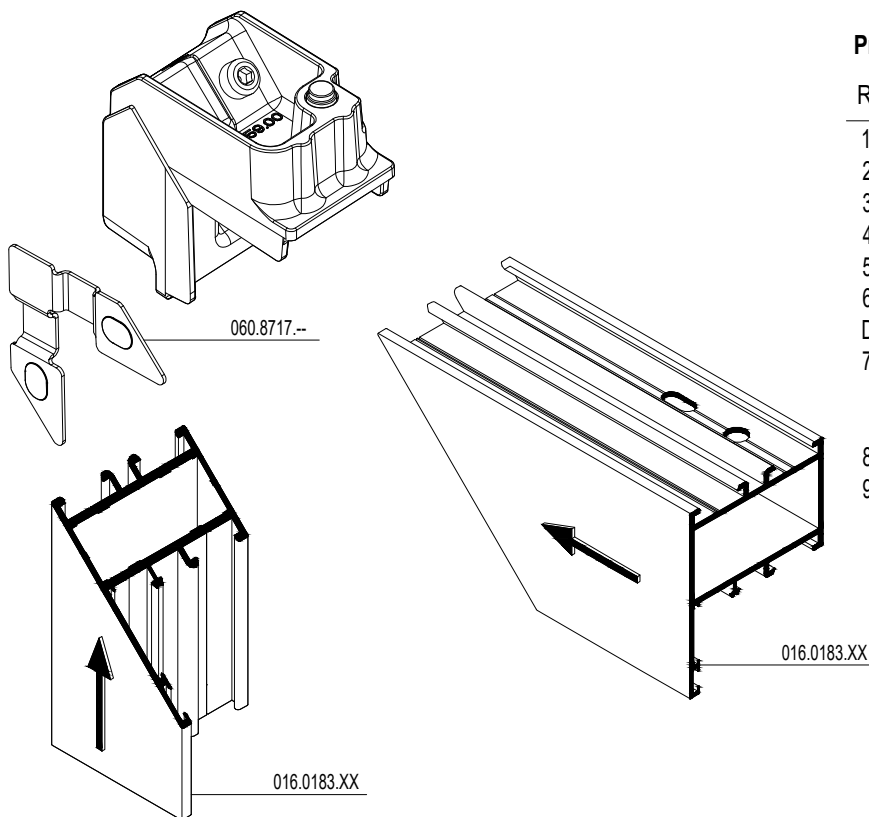
ORDRE

1. Tronçonnage correct
2. Ebavurage (si nécessaire)
3. Enlèvement des poussières et des copeaux de sciage
4. Degraissage avec Degreaser, art. n°. 086.9210.--
5. Application de produit anti-corrosion, art. n°. 086.9207.SY
6. Etachement des coupes au moyen de matières d'attachéité neutre, elastique
7. Encollage:- dans la chambre du profilé
- dans la rainure destinée à la cale de feuillure
au moyen de colle bicomposants, art. n°. 084.9080.--
8. Assemblage et sertissage
9. Nettoyage des surfaces visibles au moyen de Reynaclean, art. n°. 086.9210.--

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .

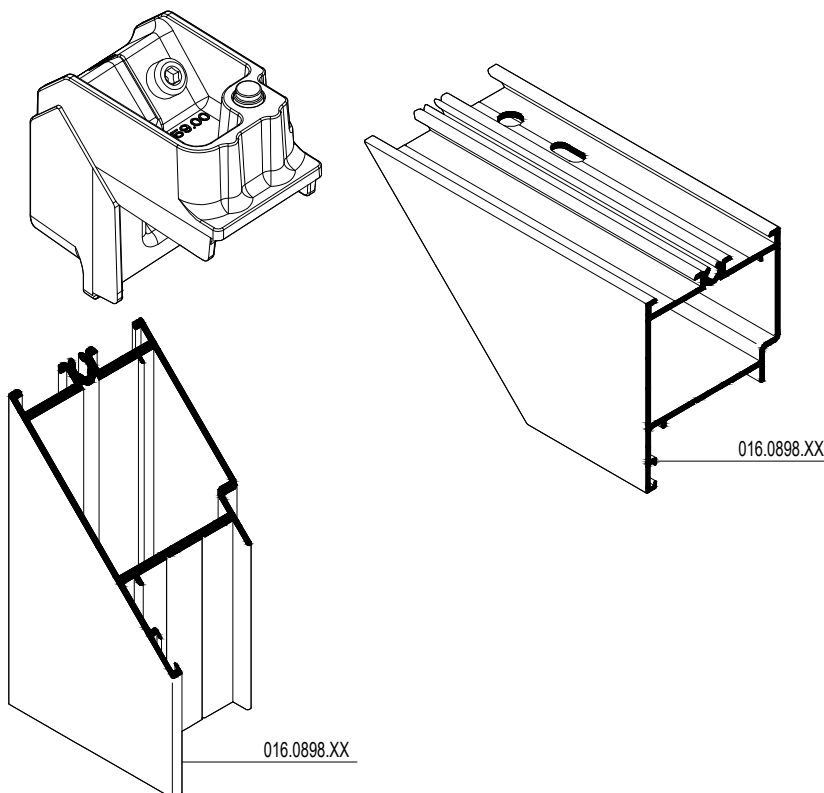
schaal - échelle
scale - Maßstab
1/2



Presseckwinkel

REIHENFOLGE

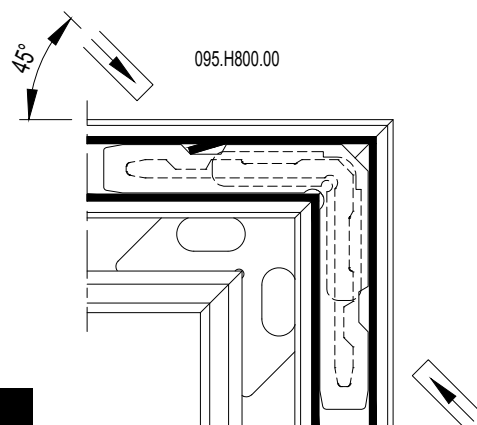
1. Zuschneiden
2. Entgraten (falls erforderlich)
3. Staub und Sägereste entfernen
4. Entfetten mit Degreaser, Art. nr. 086.9210.--
5. Korrosionsschutzprodukt aufbringen, Art. nr. 086.9207.SY
6. Die Schnittflächen mit einer neutralen, elastischen Dichtungsmasse versehen
7. Klebereinsatz:- in die Eckwinkelkammer
- im Bereich der Glasanschlagwinkel
(mit Zweikomponentenkleber, Art. nr. 084.9080.--)
8. Verbinden und verpressen
9. Die Sichtseiten säubern mit met Reynaclean, Art. nr. 086.9210.--



Crimp corner cleats

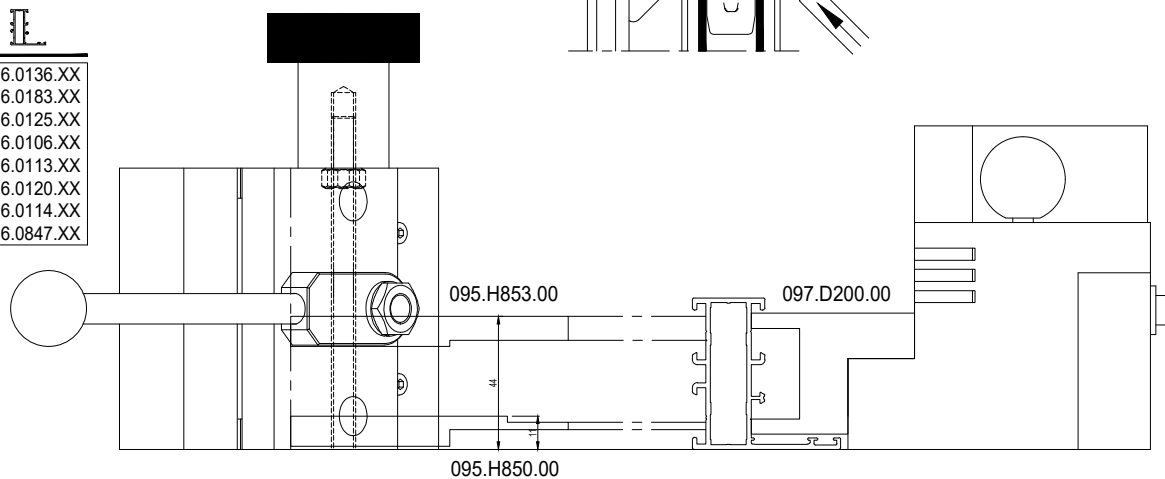
SEQUENCE

1. Correct sawing
2. Deburring (if necessary)
3. Removing dust and saw-dust
4. Degreasing with Degreaser, art. no 086.9210.--
5. Applying anti-corrosion product, art. no 086.9207.SY
6. Sealing on the saw cuts by means of a neutral, elastic sealing agent
7. Glueing : - in the profile chamber
- in the area where the rebate support will be inserted by means of glue for corner connections, art. no. 084.9080.--
8. Assembly and crimping
9. Cleaning visible surfaces by means of Reynaclean art. no. 086.9210.--



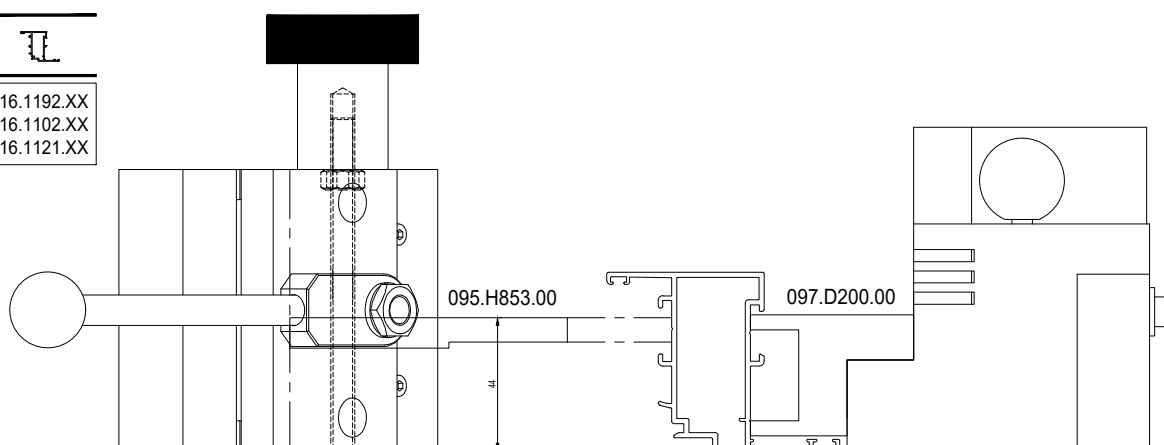
IL

016.0136.XX
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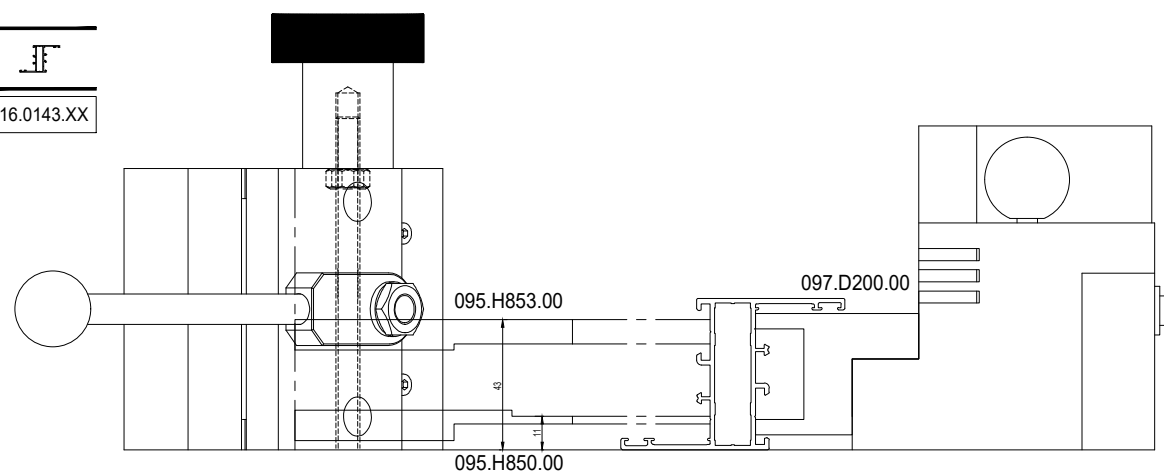
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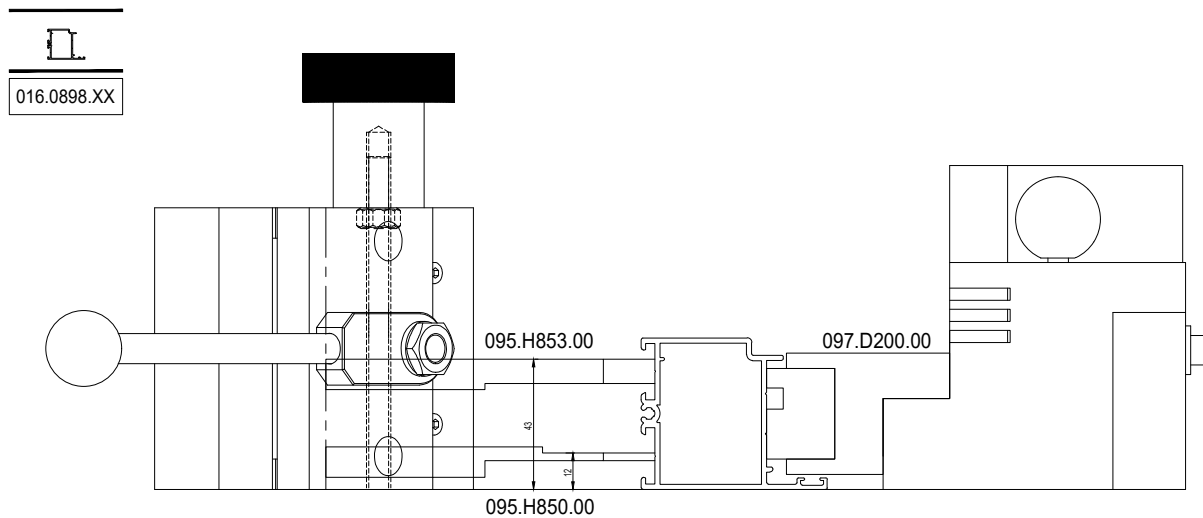
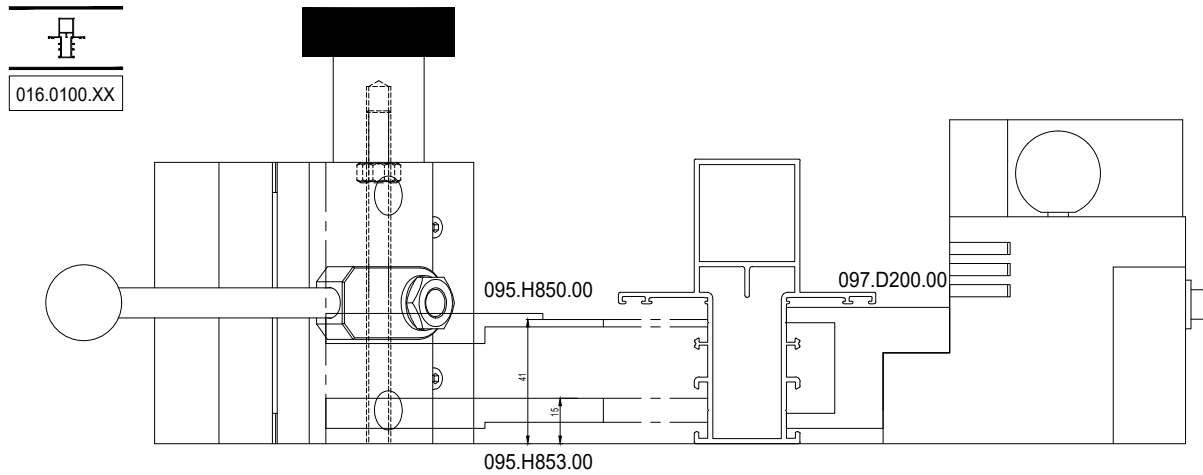
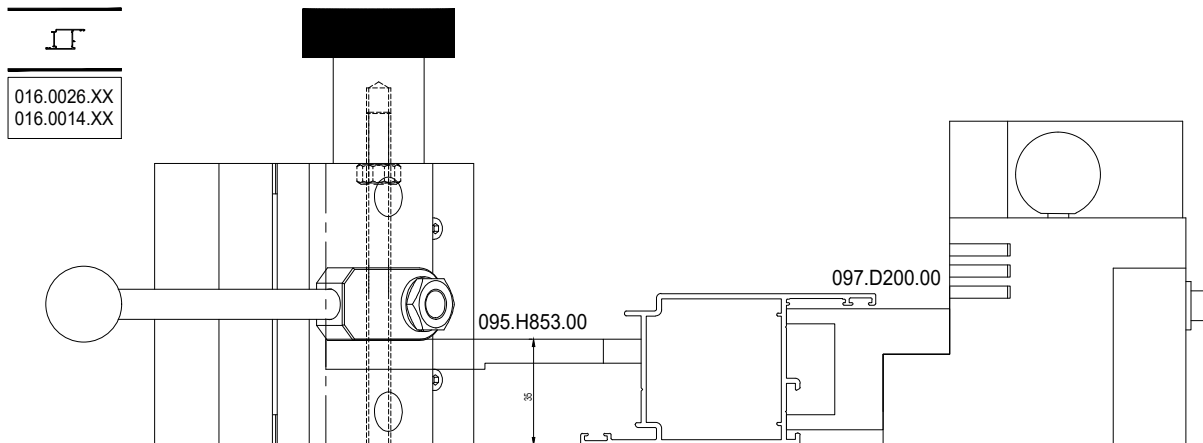
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IF

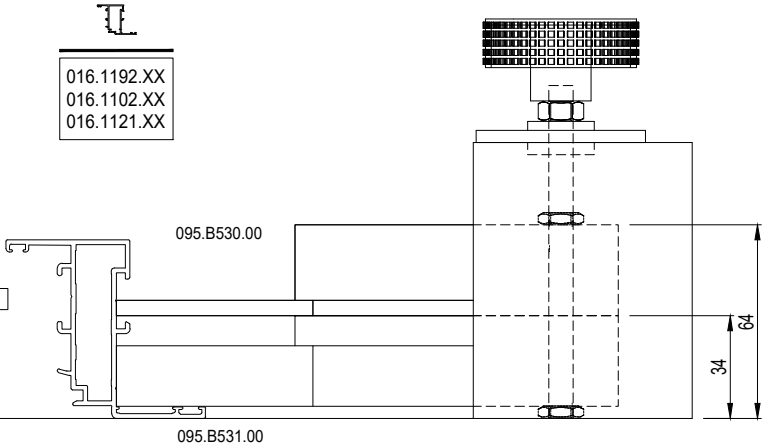
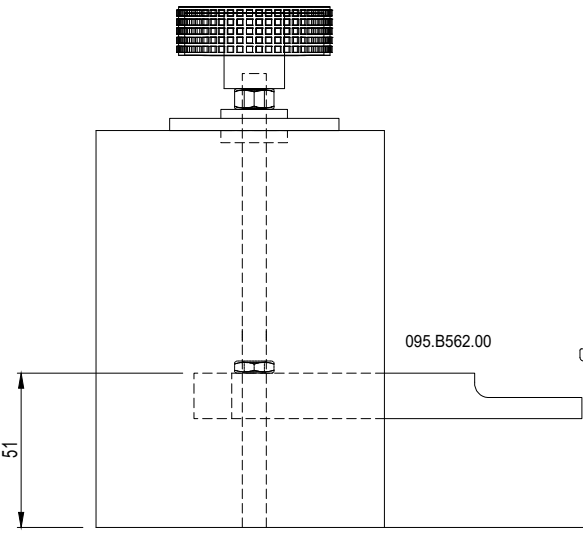
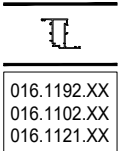
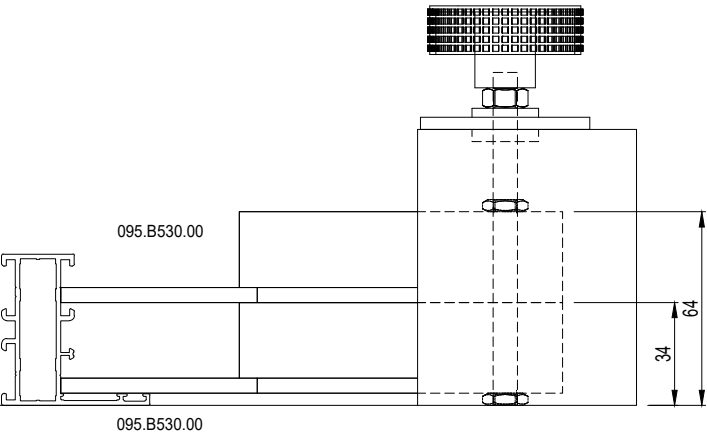
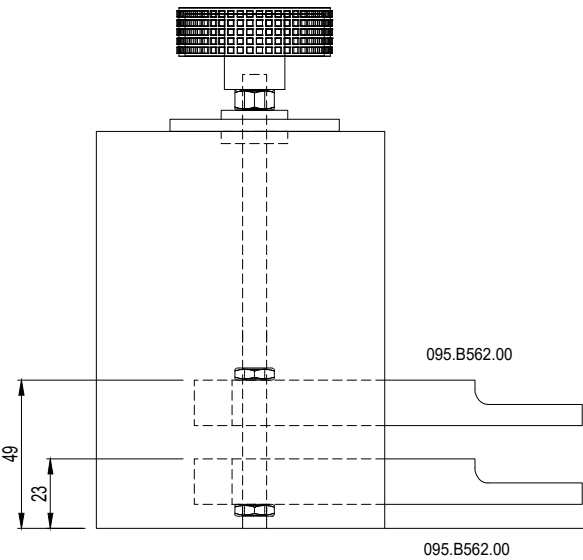
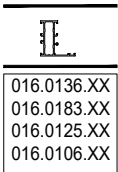
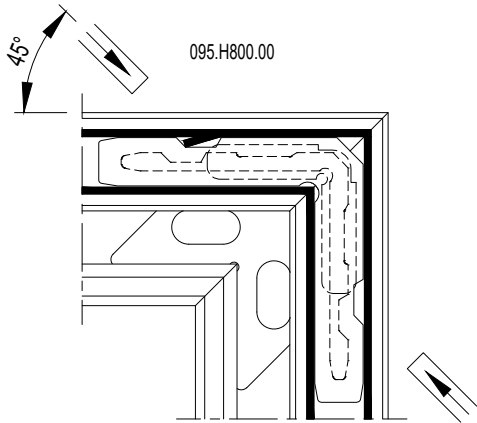
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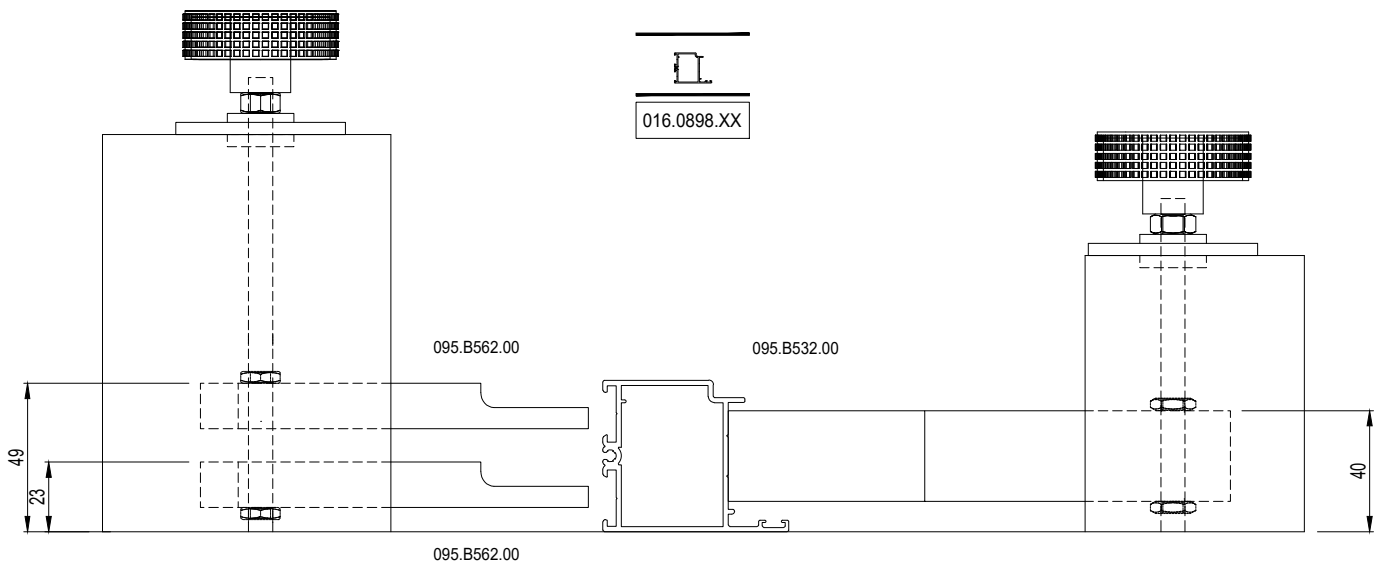
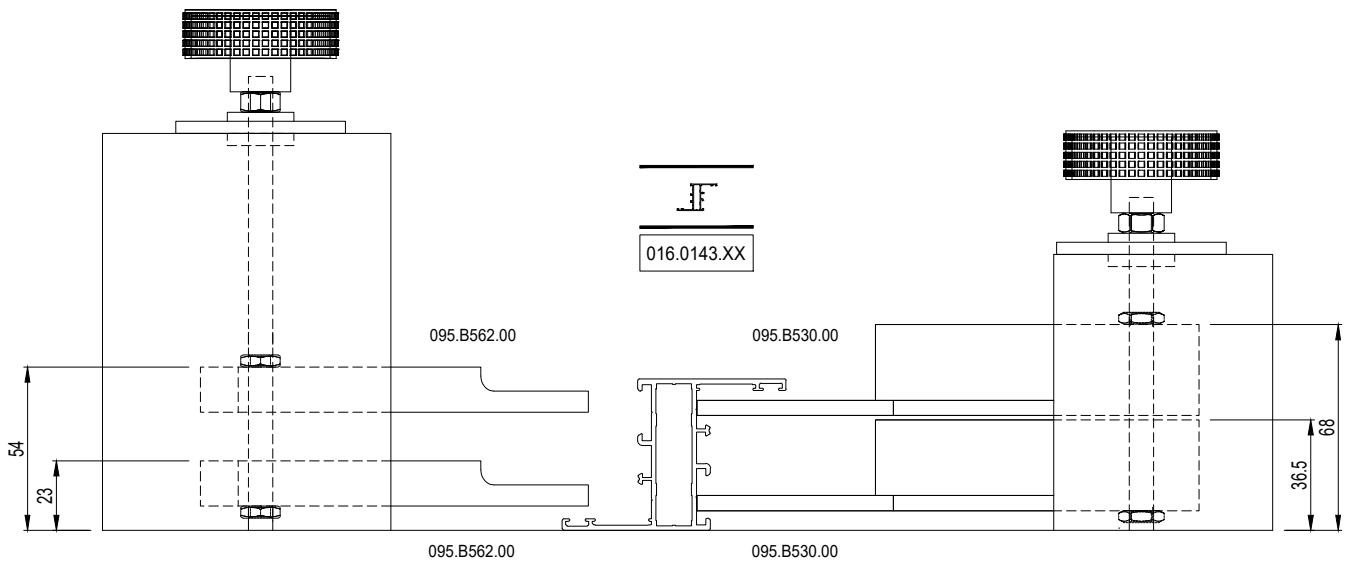
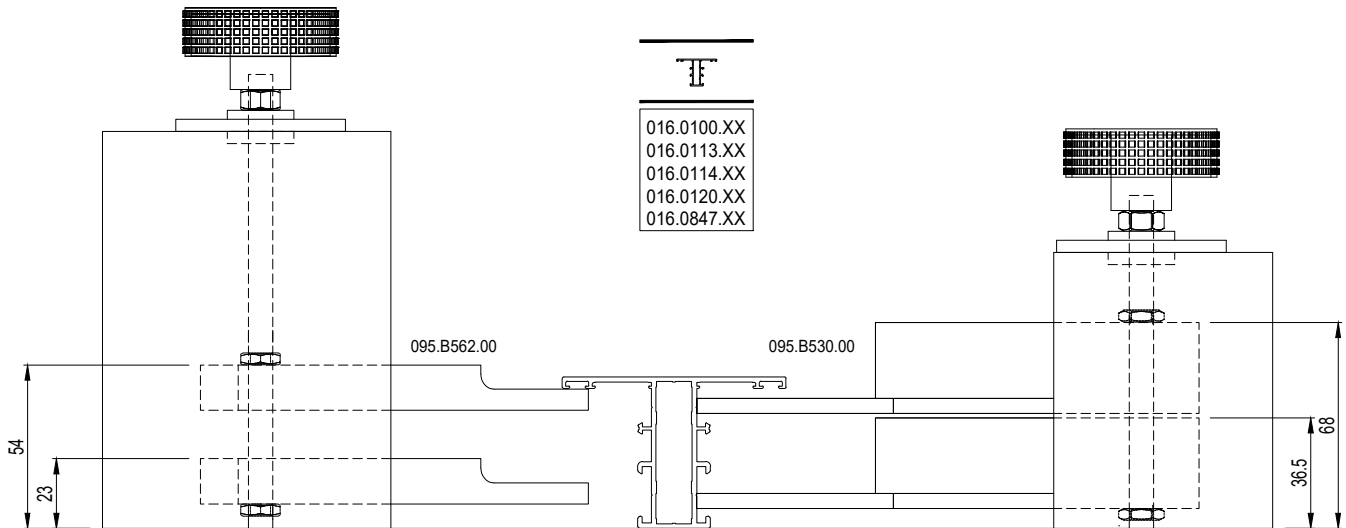




BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !
 INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
 ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA' !
 ZUSÄTZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

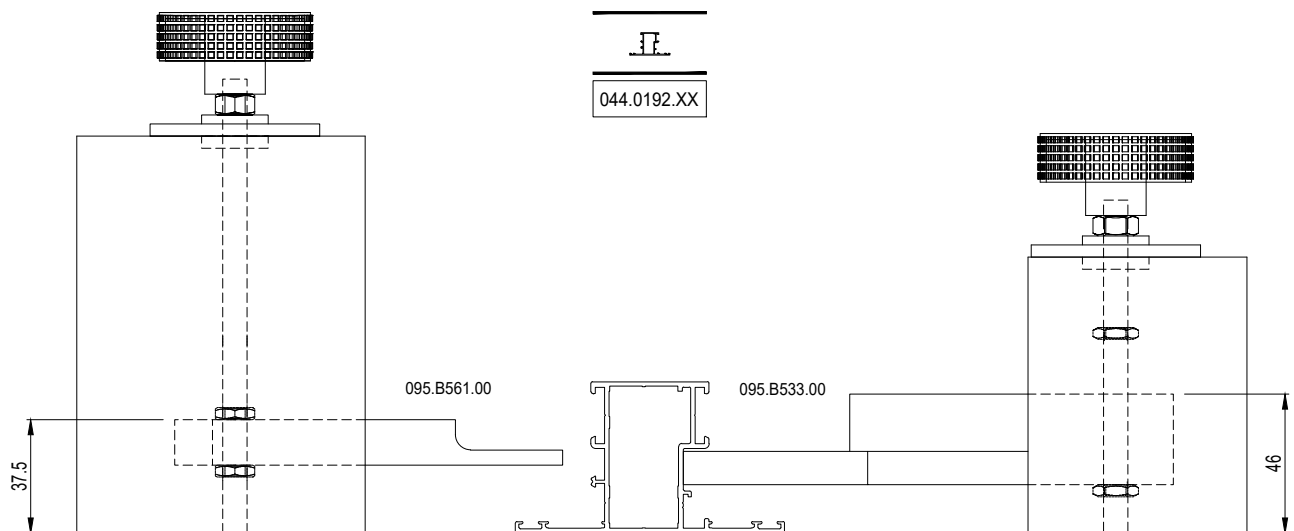
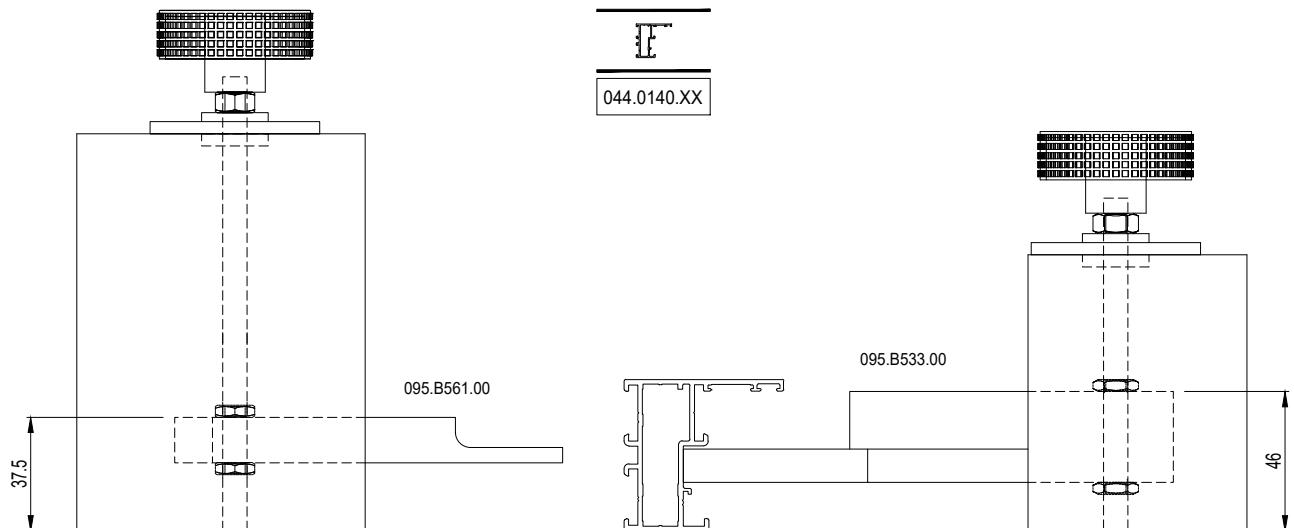
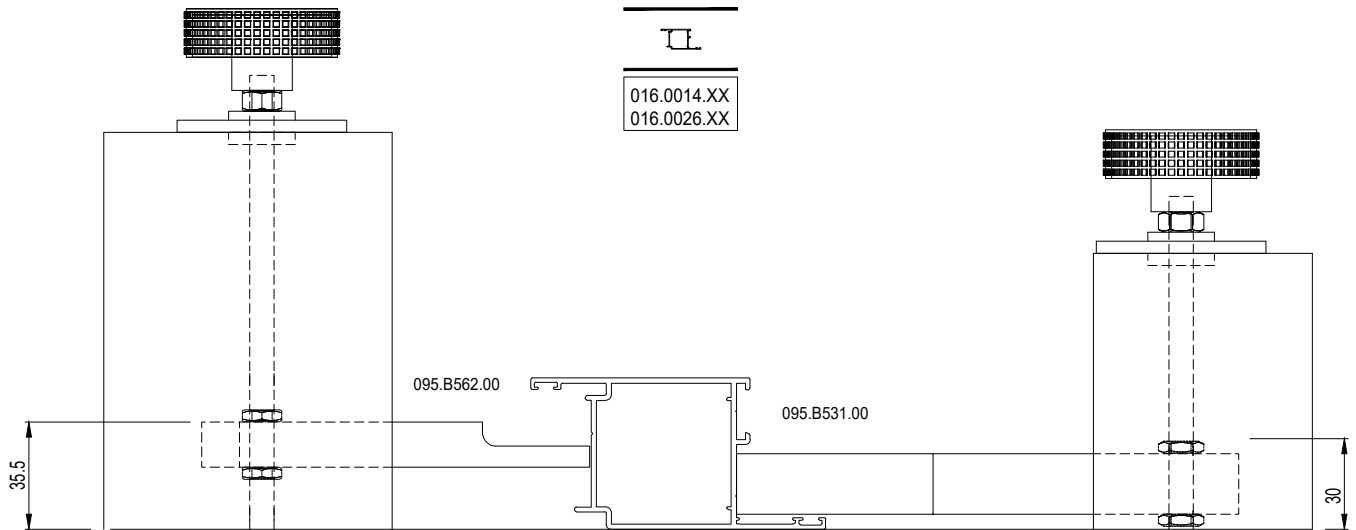
schaal - échelle
 scale - Maßstab
 1/2.5





 **BOKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !**
INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA' !
ZUSÄTZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

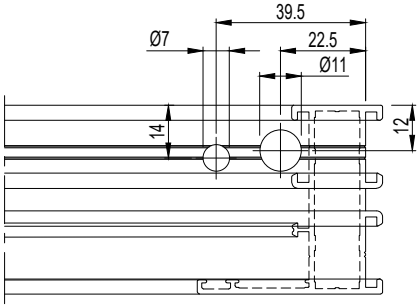
schaal - échelle
 scale - Maßstab
 1/2.5



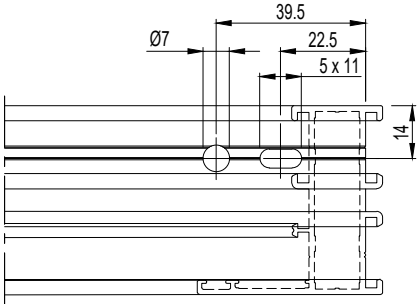
BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN'!
 INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE'!
 ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA'!
 ZUSÄTZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN'!

schaal - échelle
 scale - Maßstab
 1/2.5

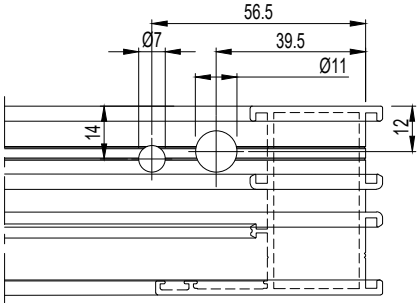
		
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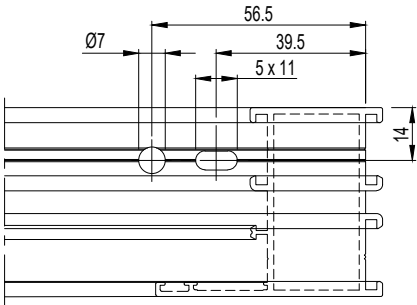
		
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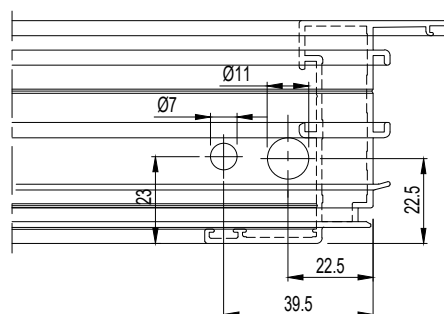
		
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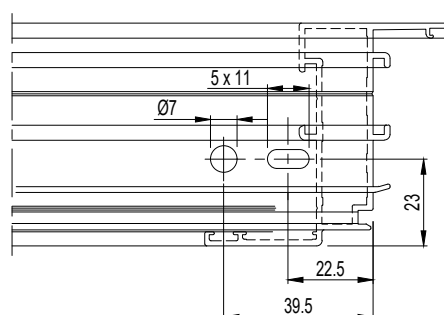
		
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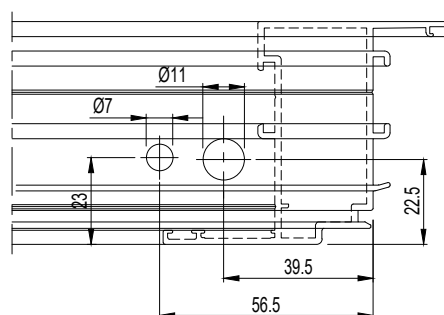
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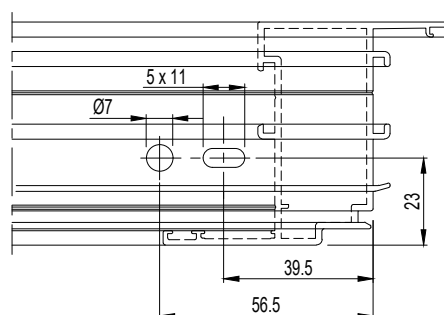
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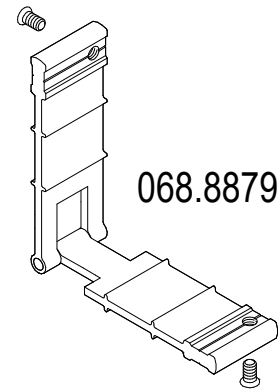


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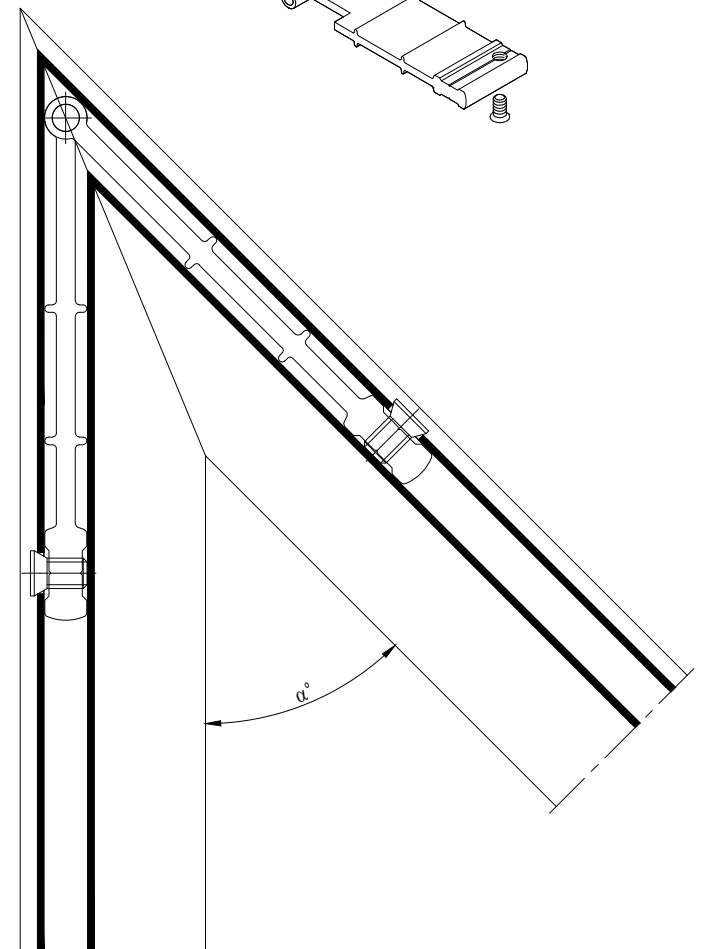
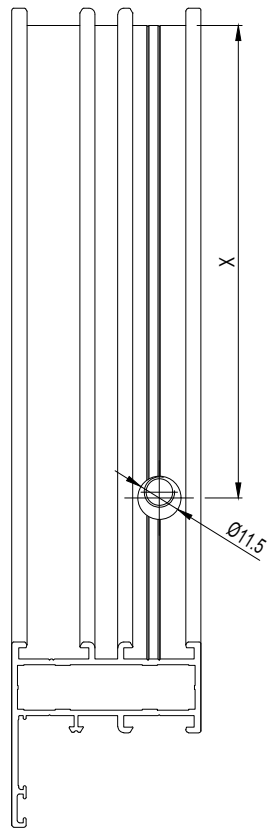
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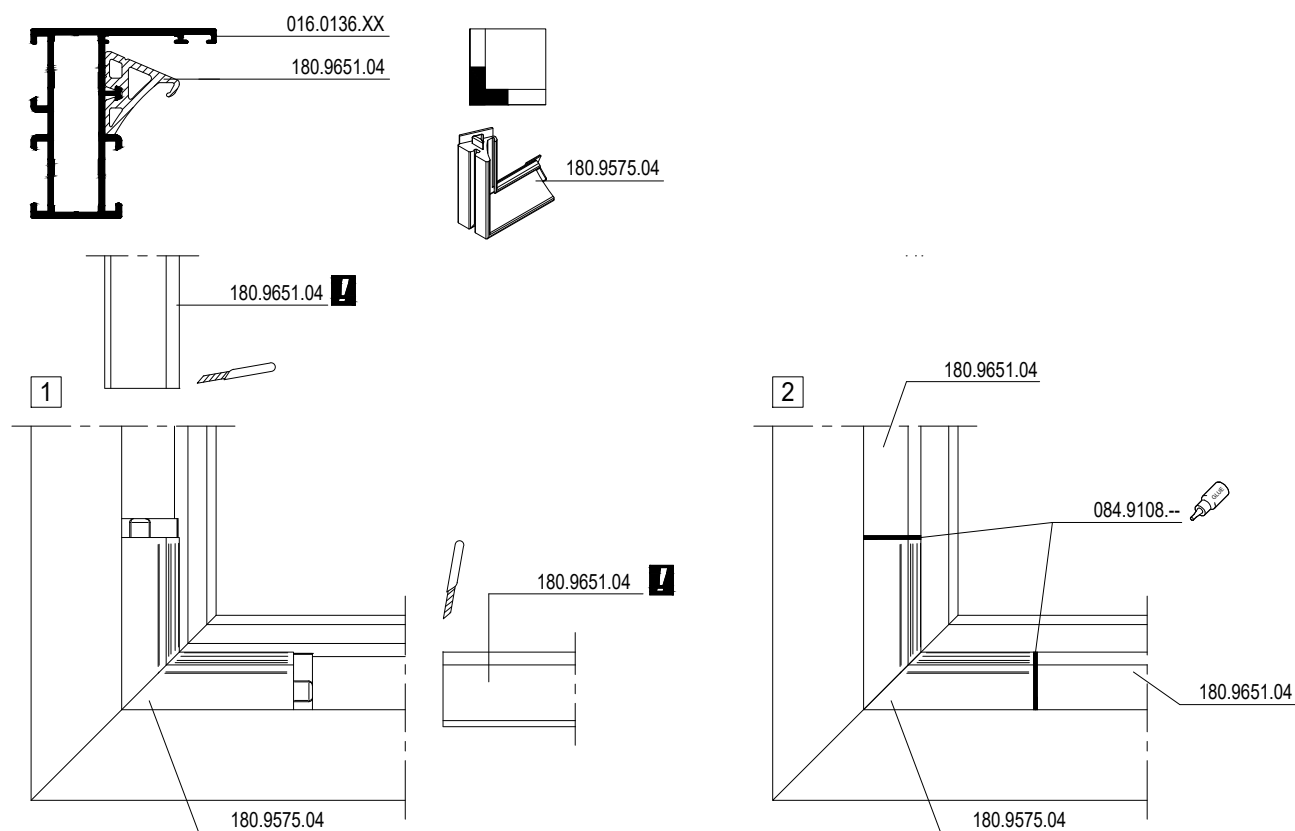


068.8879.00



Angle α	X
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50	138
55	136.4
60	135
65	133.7
70	132.7
75	131.7
80	130.9
85	130.1
90	129.5
95	128.8
100	128.2
105	127.7
110	127.2
115	126.7
120	126.3
125	125.9
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165	122.9
170	122.6



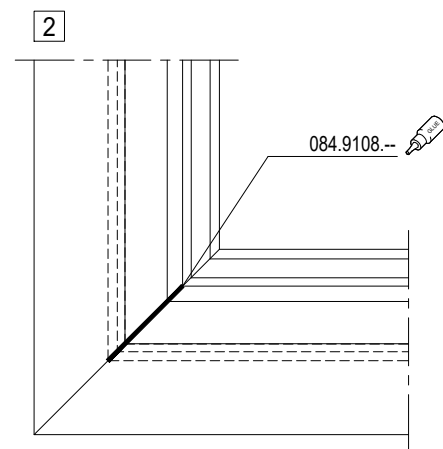
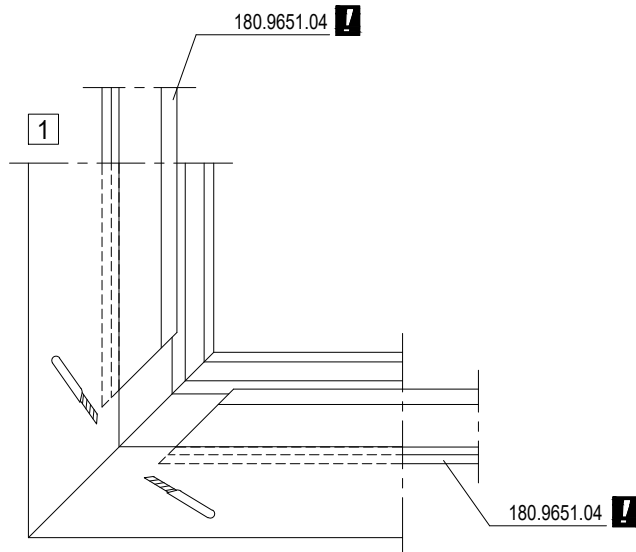
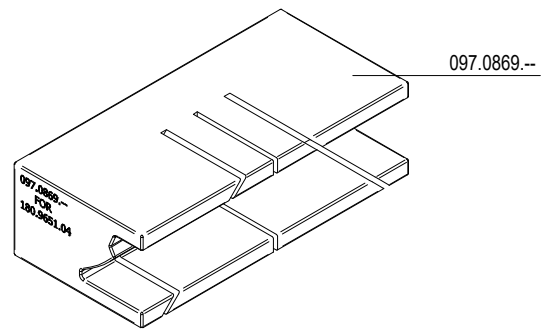
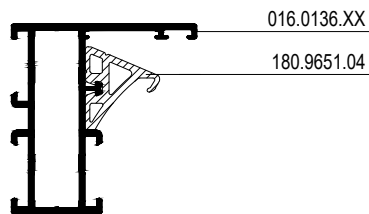


! BENODIGDE OVERLENGTE : +/- 10 MM/M
 LONGUEUR SUPPLEMENTAIRE : +/- 10 MM/M
 NECESSARY OVERHANGING : +/- 10 MM/M
 DICHTUNG JE LFDM. CA. 10 MM/M LÄNGER

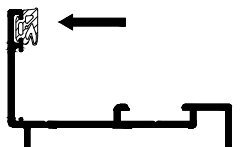
MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

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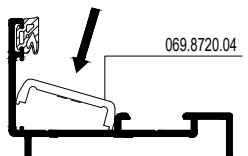
! BIJKOMENDE INFO VOORBEREIDING/VERWERKING -> ZIE HOOFDSTUK F 'VERWERKINGSVOORSCHRIFTEN' !
 INFO COMPLEMENTAIRE PREPARATION/USINAGE -> VOIR CHAPITRE F 'PRESCRIPTIONS DE MISE EN OEUVRE' !
 ADDITIONAL INFO PREPARATION/PROCESSING -> SEE CHAPTER F 'PROCESSING DATA' !
 ZUSÄTZLICHE INFO VORBEREITUNG/VERARBEITUNG -> SIEHE KAPITEL F 'VERARBEITUNGSVORSCHRIFTEN' !

VARIANT
VARIANTE


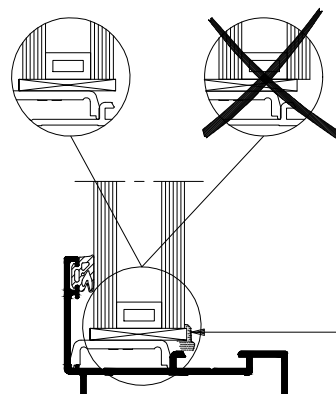
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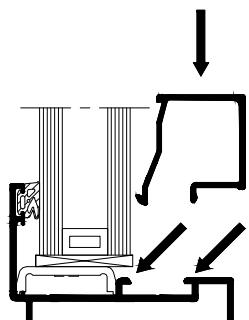


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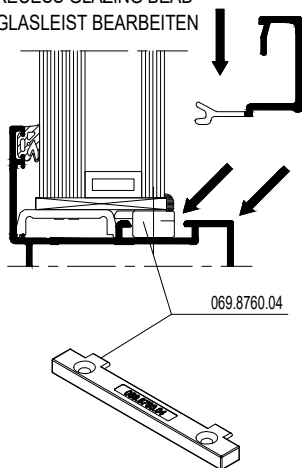


AFDICHTEN VAN GLASSTEUNEN
 ETANCHER LES SUPPORTS CALE
 DE VITRAGE
 ABDICHTUNG VON VERGLASUNGS-
 KLÖTZE
 TO SEAL OFF GLASS SUPPORTS

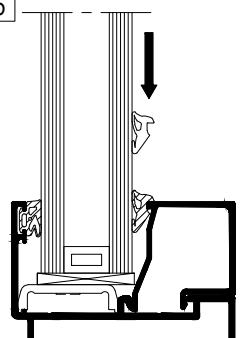
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(!) GLASLAT UITSPAREN
 DECOUPER PARCLOUSE
 RECESS GLAZING BEAD
 GLASLEIST BEARBEITEN

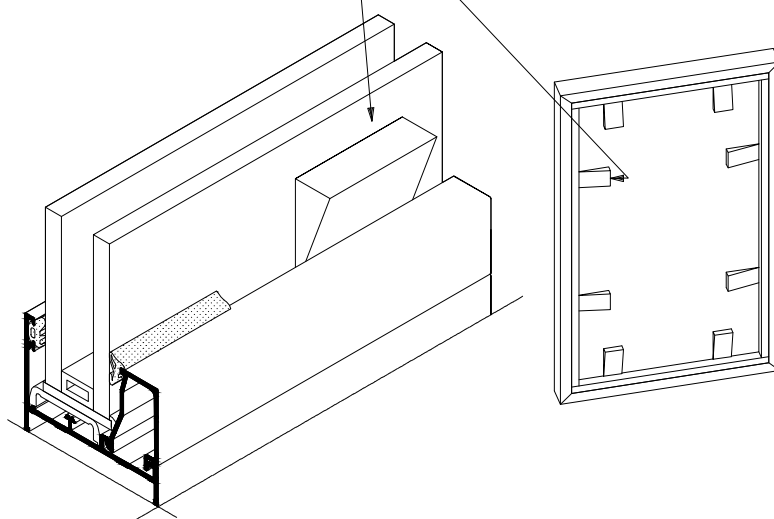


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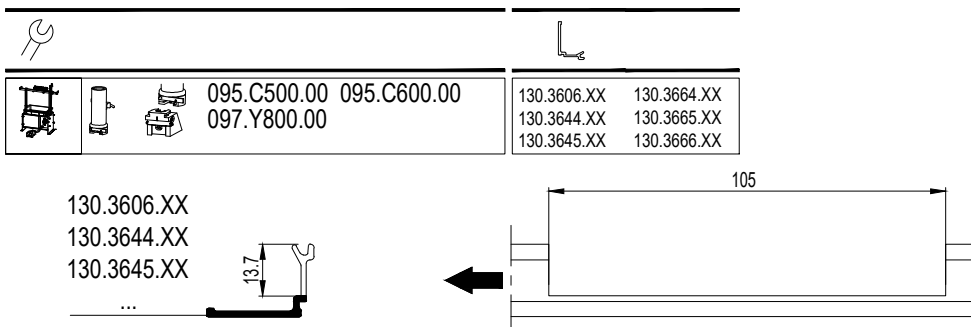
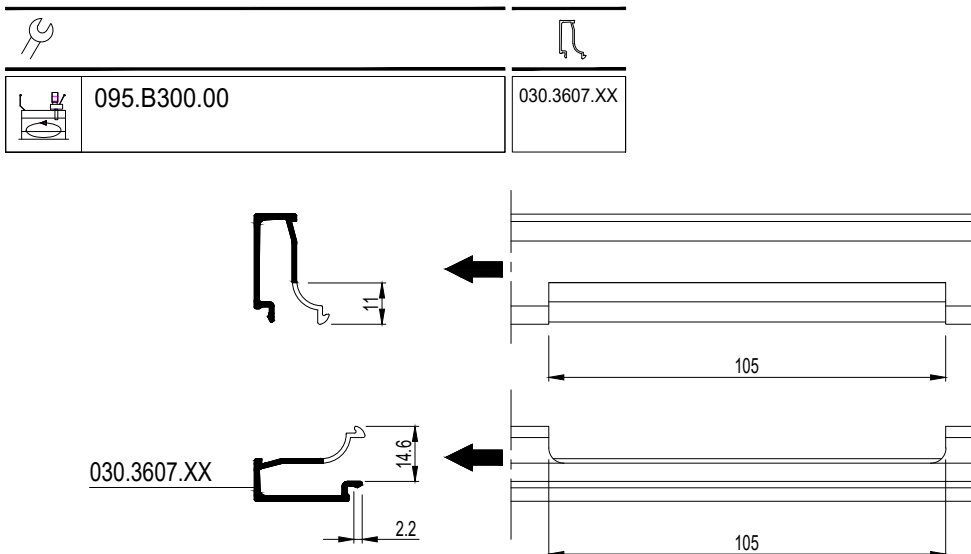
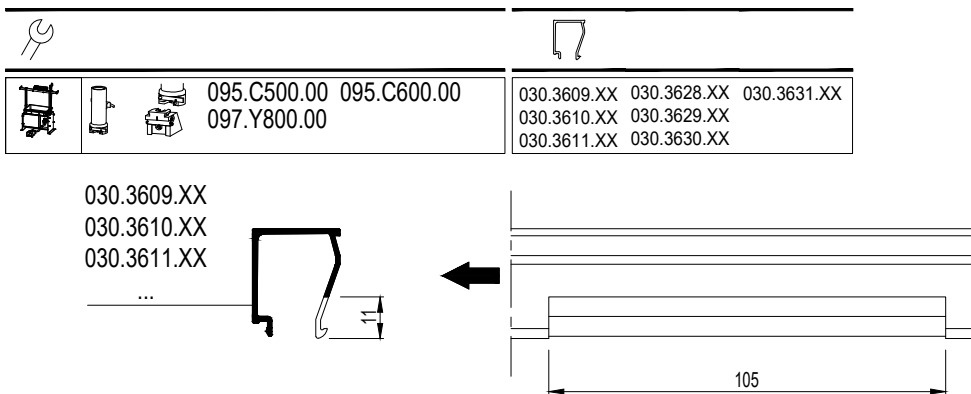
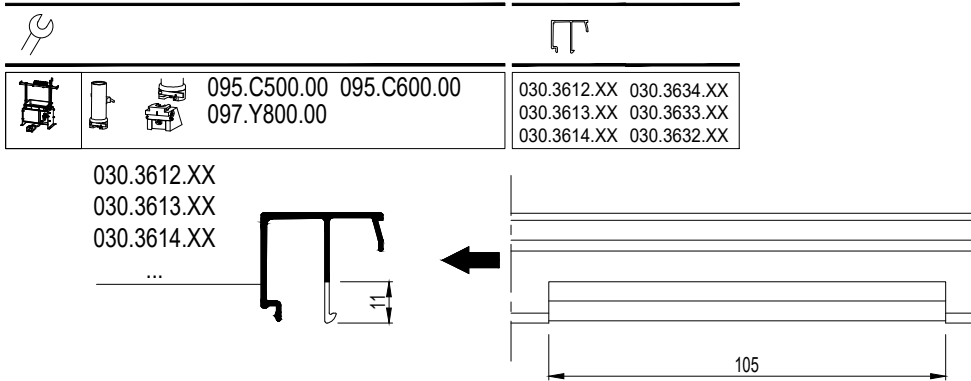
GEREEDSCHAP IN HOUT OF PVC
 VERGEMAKKELIJKT HET PLAATSEN
 OUTILLAGE EN BOIS OU PVC
 FACILITE LE MONTAGE

HILFSKEILE AUS HOLZ ODER KUNSTSTOFF
 VERRINGERN DIE MONTAGEZEITEN
 A WOODEN OR PVC SPACER CAN BE
 USED TO INSERT GLAZING GASKET



MONTAGEVOLGORDE
 L'ORDRE DE MONTAGE
 THE ORDER OF ASSEMBLY
 MONTAGEREIHENFOLGE

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GLASSTEUN-SUPPORT CALE DE VITRAGE-KLOTZBRÜCKEN-GLAZING SUPPORT

Het aantal en de plaats van de glassteunen wordt bepaald door de STS 38.03.

Een overzicht:

Le nombre et la position des supports cale de vitrage sont déterminés par le STS 38.03.

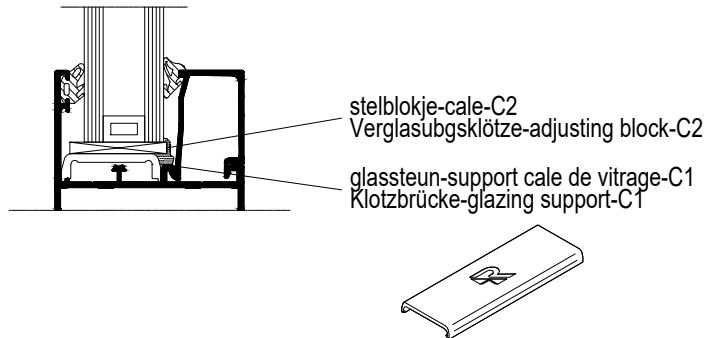
Aperçu:

Die Anzahl und die Position der Klotzbrücken bzw. Verglasungsklotze wird durch Verarbeitungsvorschriften der Isolierglasindustrie und den Technischen Richtlinien des Glaserhandwerks vorgegeben.

Übersicht:

The number and position of the glass supports is defined by the STS 38.03.

Survey:



C1: Glassteunen-Supports cale de vitrage-Tragklötze-Glazing supports

Deze steunen brengen het gewicht van het glas over op de vleugel of het raamkozijn. Hun goede plaatsing is van groot belang voor de werking van de ramen.

Ces supports transmettent le poids du verre sur l'ouvrant ou sur l'allège. Leur bonne pose est d'une importance capitale pour le fonctionnement des fenêtres.

Die Tragklötze übertragen das Scheibengewicht auf den Flügel und stellen die Gangbarkeit der beweglichen Flügel sicher.

These supports distribute the weight of the glass on the vent. Correct positioning is very important for the vent to function correctly.

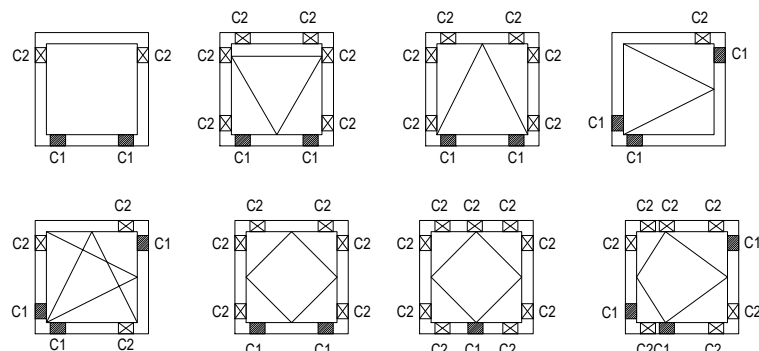
C2: Stelblokjes-Cales-Distanzklötze-Adjusting blocks:

Deze blokjes verzekeren de positionering van het glas tussen de sponning. Ze worden aangebracht zonder forceren. Hun doel is elke beweging van het glas in zijn vlak uit te schakelen.

Ces cales assurent le positionnement du verre par rapport à la feuillure, et sont appliquées sans forcer. Elles empêchent tout mouvement du verre dans son logement.

Die Distanzklötze stellen den Abstand zwischen Rahmen und Verglasung sicher. Je nach Flügelöffnungsart können diese auch eine tragende Funktion übernehmen.

These blocks guarantee the correct positioning of the glass between the rebates. They must be positioned without twisting or damaging the profile. Adjusting blocks also prevent the glass panels from moving.

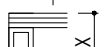


Voor vaste kader en deurvleugel

Pour dormant et ouvrant porte

For outer frame and door vent

Für Blendrahmen und Haustürflügel

				
gasket outside	glass size	gasket inside	glazing bead	

080.9114.SY	4	080.9126.SY	030.3614.XX	
080.9114.SY	5	080.9125.SY	030.3614.XX	
080.9114.SY	6	080.9124.SY	030.3614.XX	
080.9114.SY	7	080.9126.SY	030.3613.XX	
080.9114.SY	8	080.9125.SY	030.3613.XX	
080.9114.SY	9	080.9124.SY	030.3613.XX	
080.9114.SY	10	080.9126.SY	030.3612.XX	
080.9114.SY	11	080.9125.SY	030.3612.XX	
080.9114.SY	12	080.9124.SY	030.3612.XX	
080.9114.SY	13	080.9126.SY	030.3611.XX	
080.9114.SY	14	080.9125.SY	030.3611.XX	
080.9114.SY	15	080.9124.SY	030.3611.XX	
080.9114.SY	16	080.9126.SY	030.3610.XX	
080.9114.SY	17	080.9125.SY	030.3610.XX	
080.9114.SY	18	080.9124.SY	030.3610.XX	
080.9114.SY	19	080.9126.SY	030.3609.XX	
080.9114.SY	20	080.9125.SY	030.3609.XX	
080.9114.SY	21	080.9124.SY	030.3609.XX	
080.9114.SY	22 (!)	080.9126.SY	030.3608.XX	
080.9114.SY	23 (!)	080.9125.SY	030.3608.XX	
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080.9114.SY	26 (!)	080.9125.SY	030.3607.XX	
080.9114.SY	27 (!)	080.9124.SY	030.3607.XX	
080.9114.SY	28 (!)	080.9126.SY	130.3646.XX	
080.9114.SY	29 (!)	080.9125.SY	130.3646.XX	

				
gasket outside	glass size	gasket inside	glazing bead	

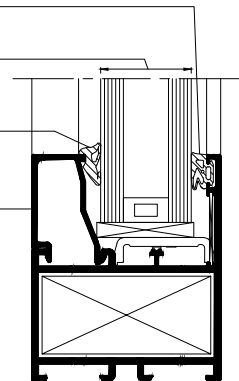
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gasket outside

glass size

gasket inside

glazing bead

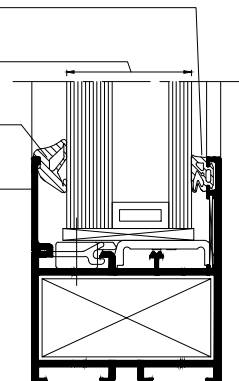


gasket outside

glass size

gasket inside

glazing bead


 (!) { GLASLAT UITSPAREN
 DECOUPER PARCLOSE
 RECESS GLAZING BEAD
 GLASLEIST BEARBEITEN

Raamvleugel
 Ouvrant fenêtre
 Fensterflügel
 Window vent

				RC	
gasket outside	glass size	gasket inside	glazing bead		

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080.9114.SY	8	080.9125.SY	030.3633.XX	
080.9114.SY	9	080.9124.SY	030.3633.XX	
080.9114.SY	10	080.9126.SY	030.3632.XX	
080.9114.SY	11	080.9125.SY	030.3632.XX	
080.9114.SY	12	080.9124.SY	030.3632.XX	
080.9114.SY	13	080.9126.SY	030.3631.XX	
080.9114.SY	14	080.9125.SY	030.3631.XX	
080.9114.SY	15	080.9124.SY	030.3631.XX	
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080.9114.SY	17	080.9125.SY	030.3630.XX	
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080.9114.SY	20	080.9125.SY	030.3629.XX	
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080.9114.SY	23 (!)	080.9125.SY	030.3628.XX	
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080.9114.SY	25 (!)	080.9126.SY	030.3627.XX	
080.9114.SY	26 (!)	080.9125.SY	030.3627.XX	
080.9114.SY	27 (!)	080.9124.SY	030.3627.XX	
080.9114.SY	28 (!)	080.9126.SY	130.3666.XX	
080.9114.SY	29 (!)	080.9125.SY	130.3666.XX	

				RC	
gasket outside	glass size	gasket inside	glazing bead		

080.9114.SY	30 (!)	080.9124.SY	130.3666.XX	
080.9114.SY	31 (!)	080.9126.SY	130.3665.XX	
080.9114.SY	32 (!)	080.9125.SY	130.3665.XX	
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gasket outside

glass size

gasket inside

glazing bead

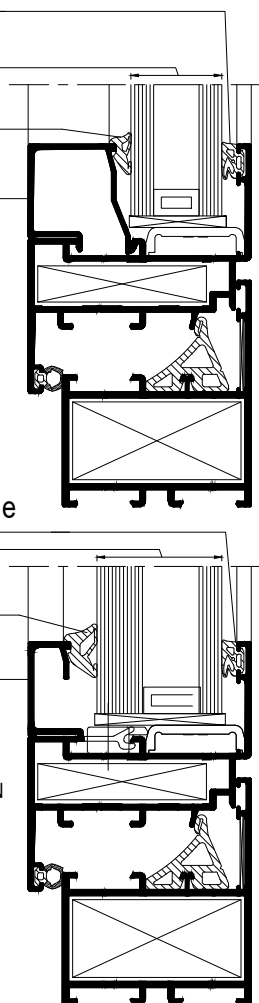
glass size gasket outside

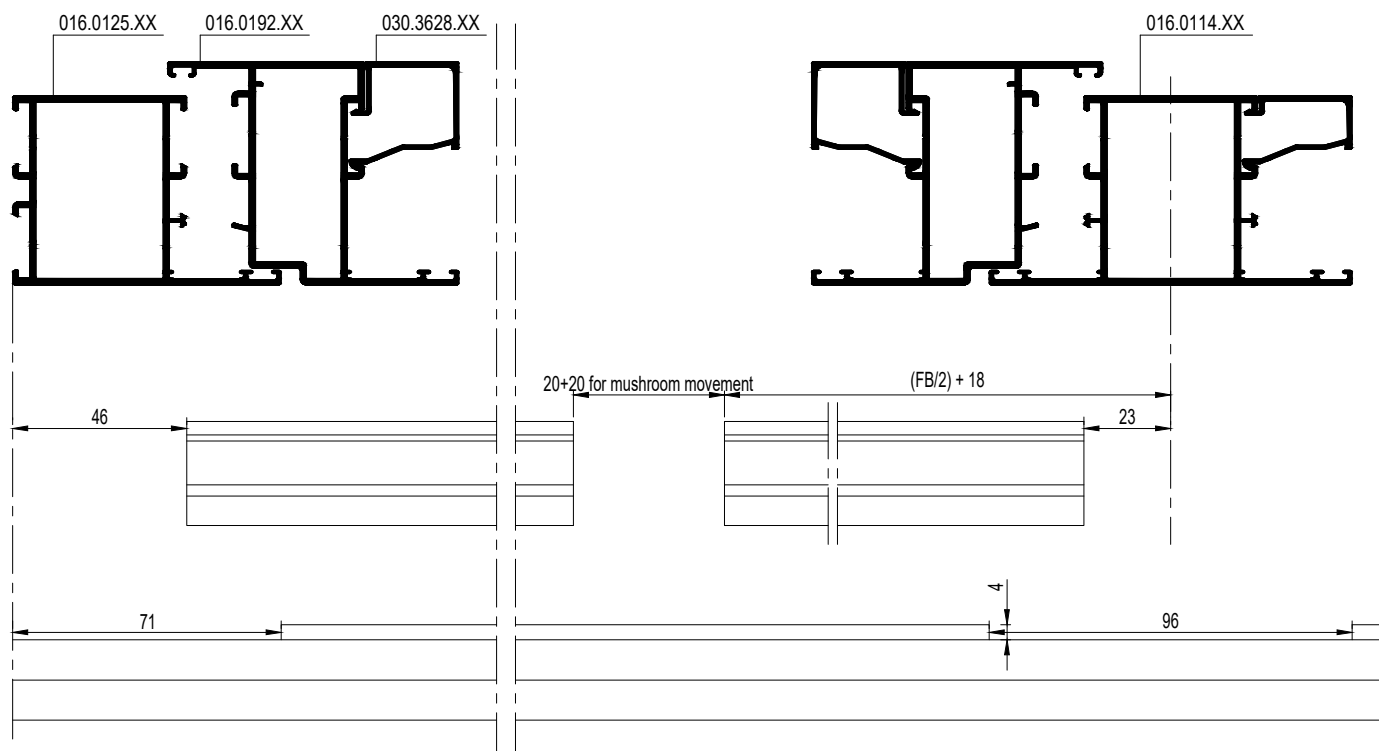
gasket inside

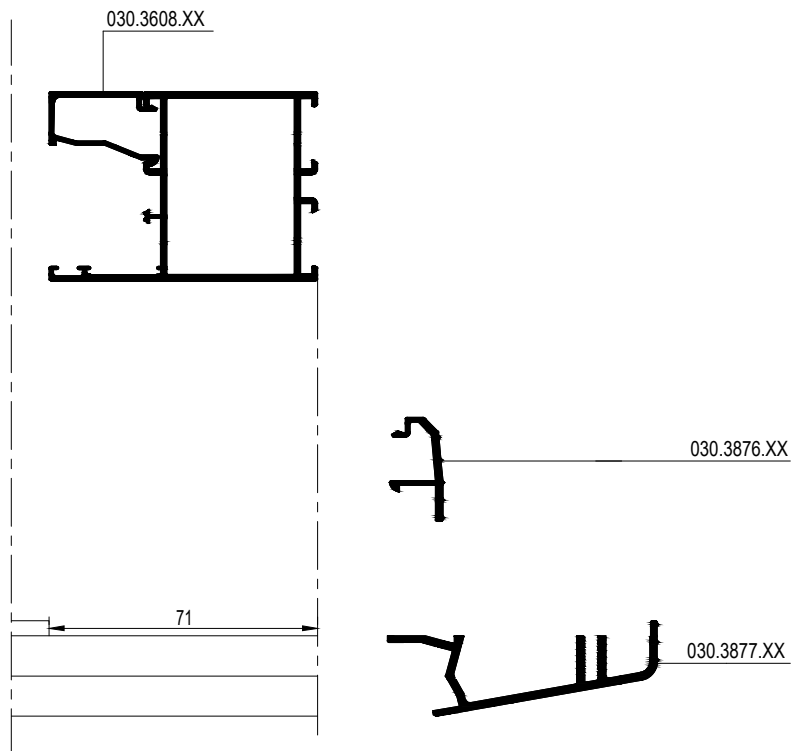
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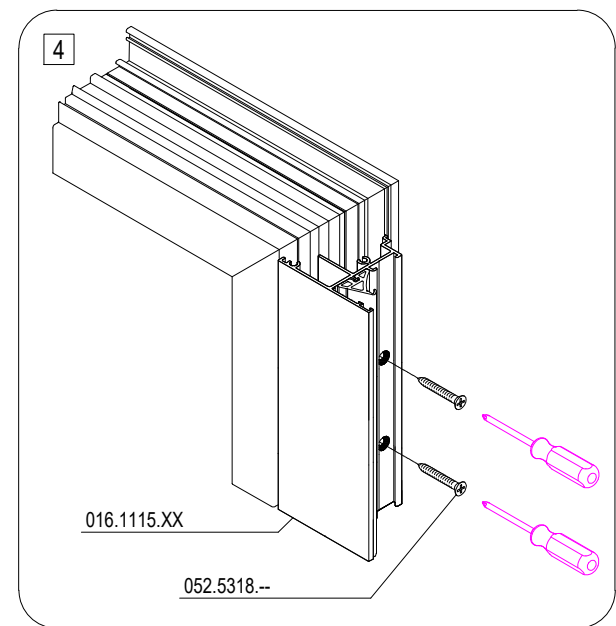
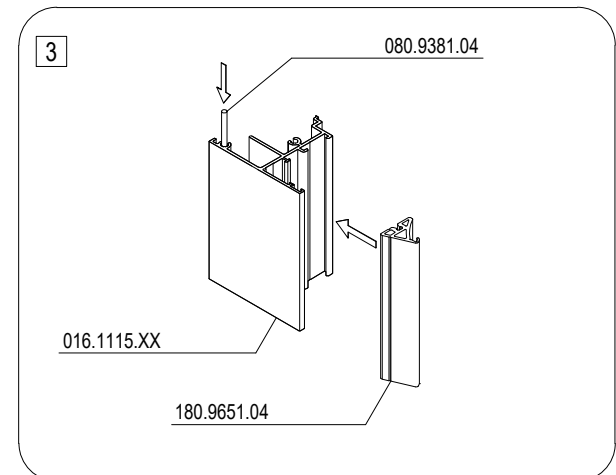
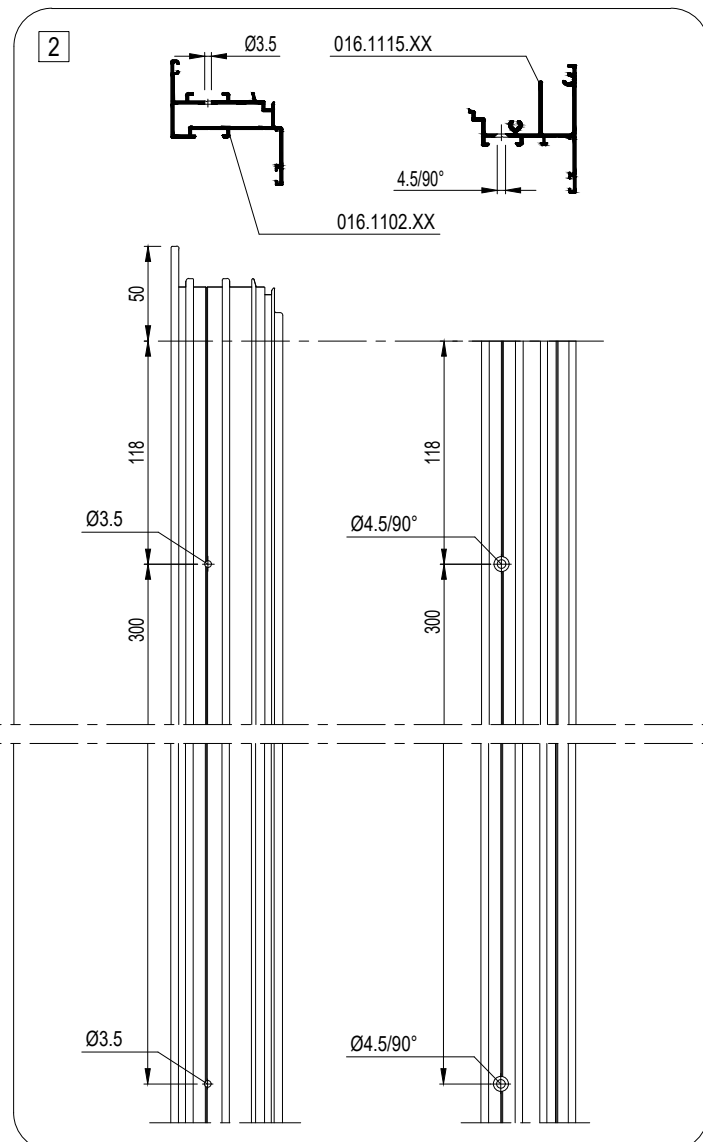
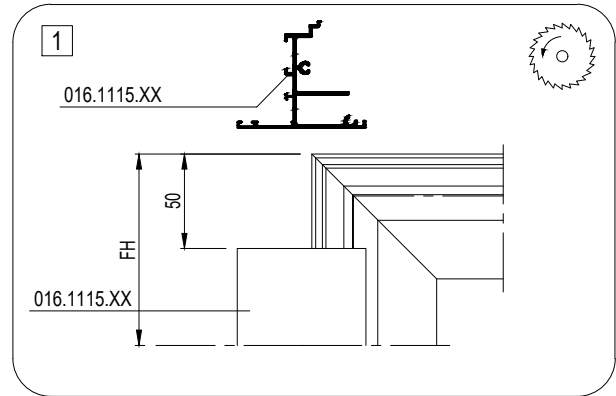
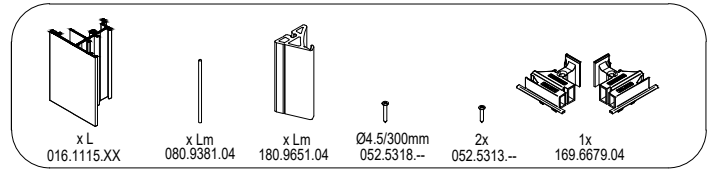
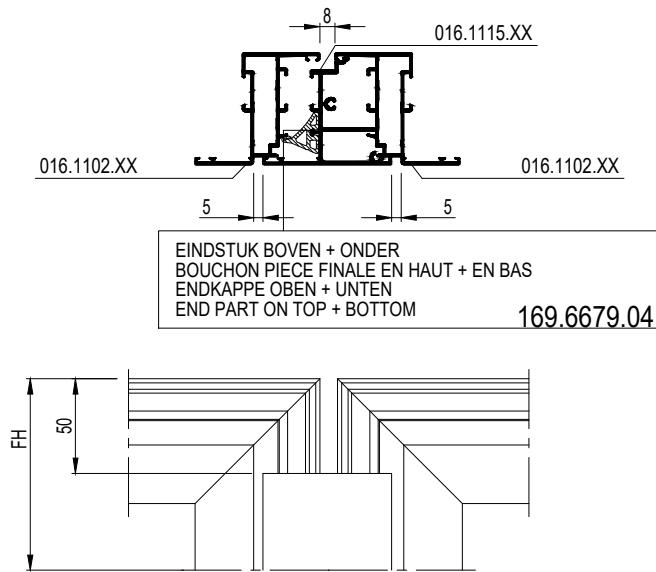
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- GLASLAT UITSPAREN
- DECOUPER PARCLOSE
- RECESS GLAZING BEAD
- GLASLEIST BEARBEITEN





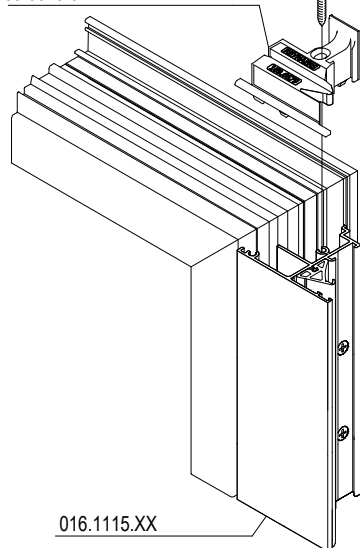




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PART OF
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052.5313.--



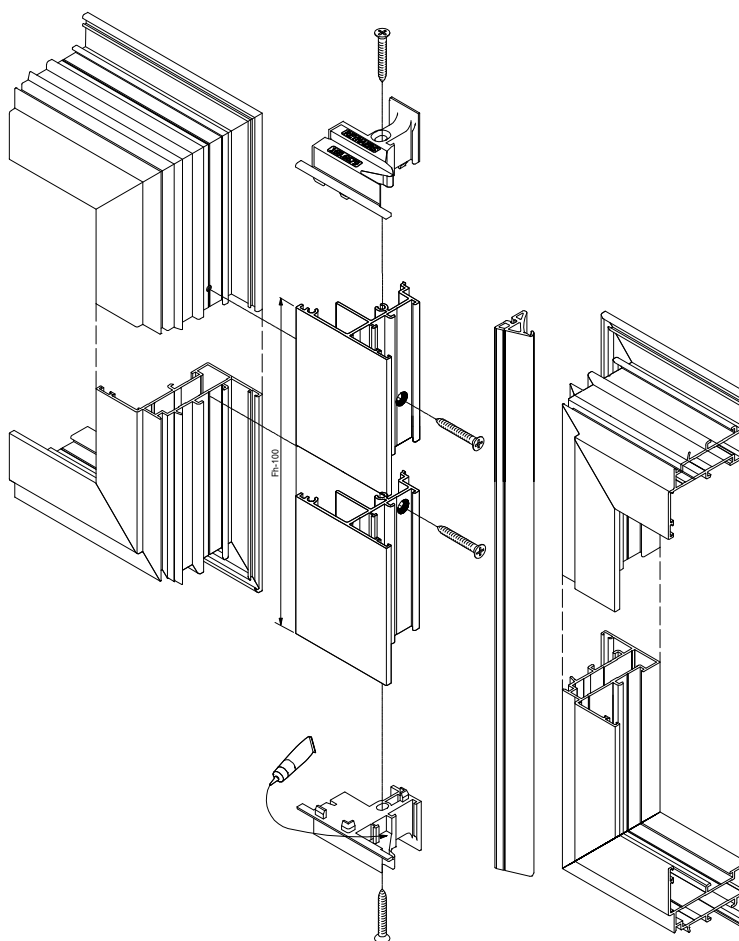
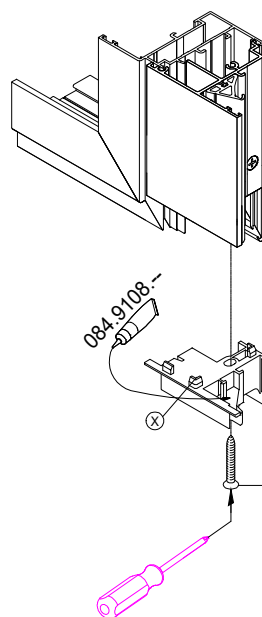
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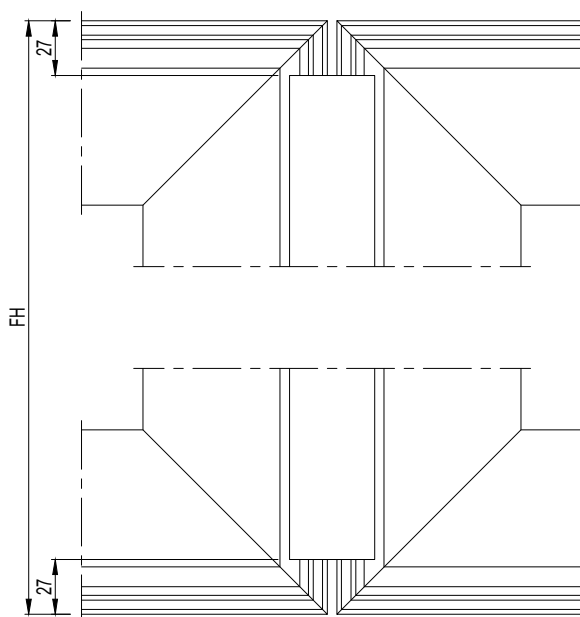
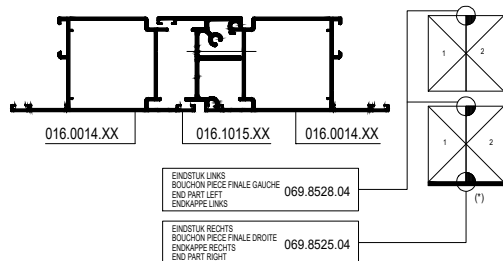
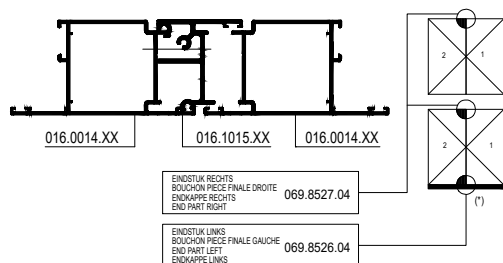
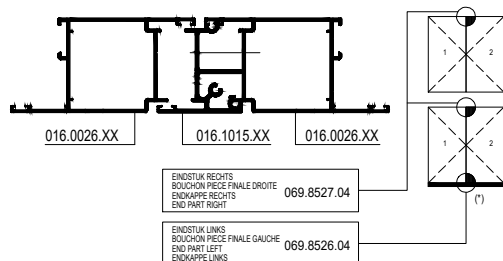
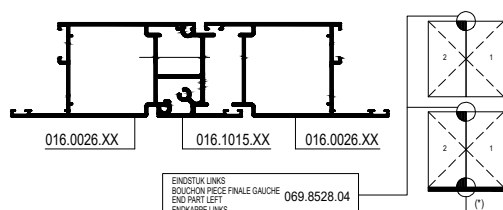


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THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

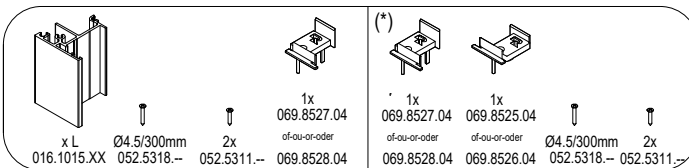
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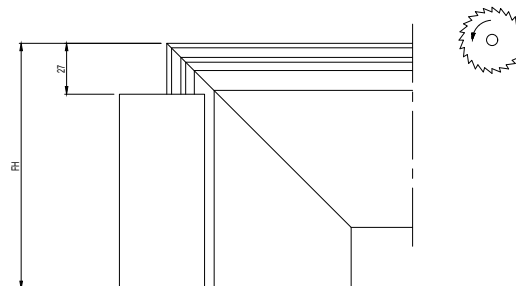
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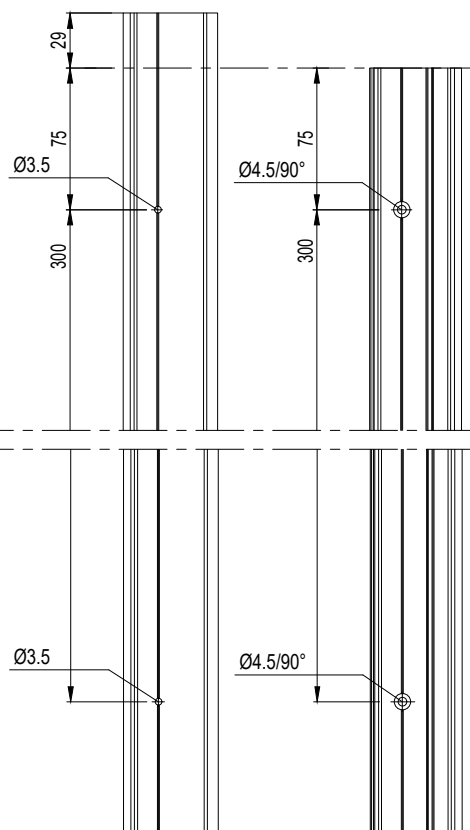
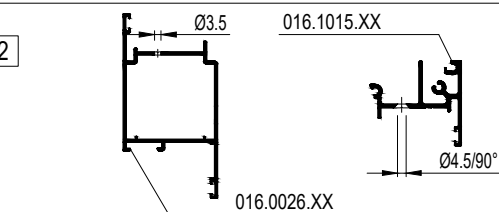
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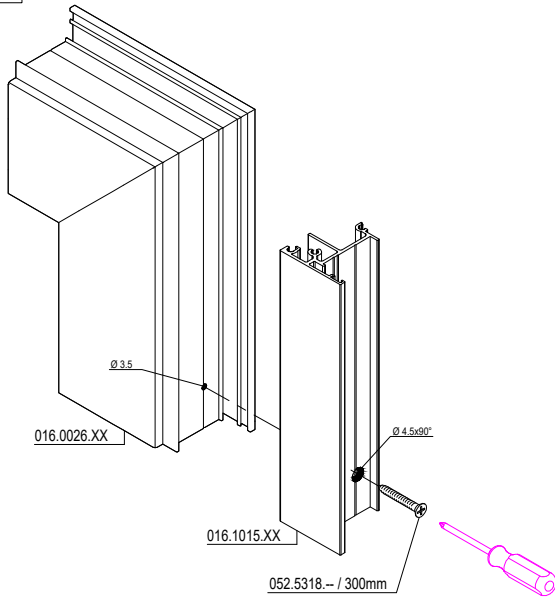
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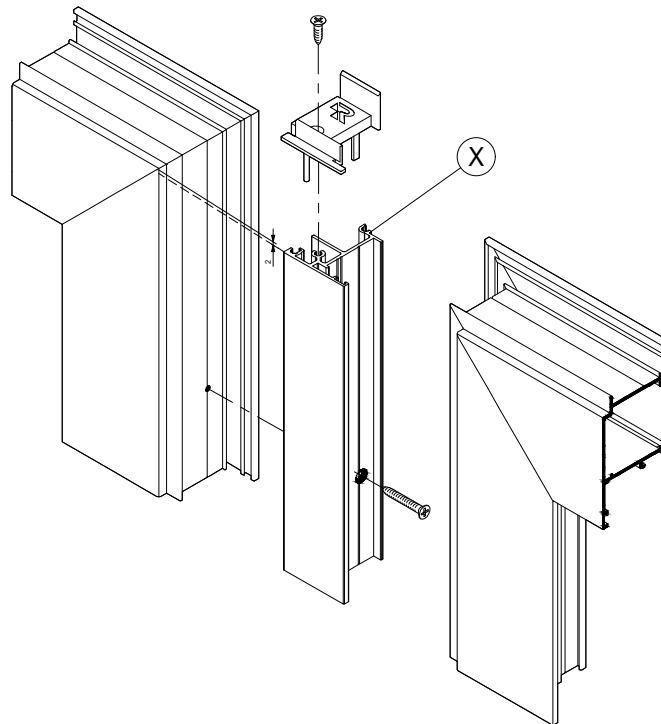
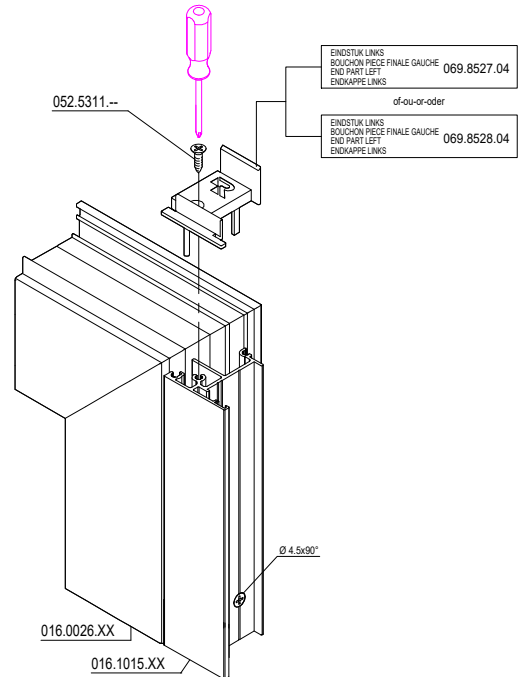
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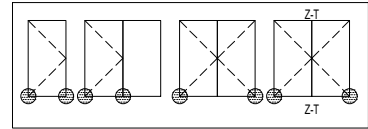
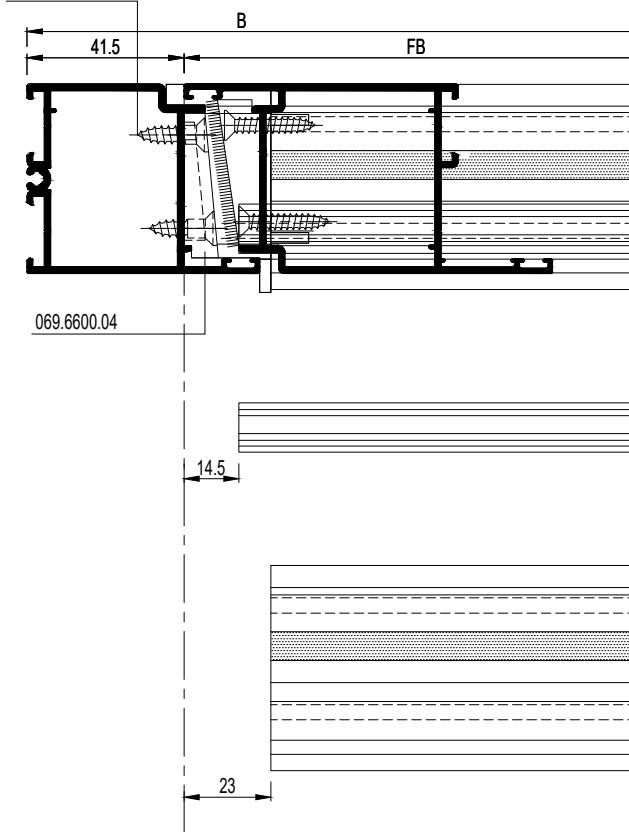
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THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

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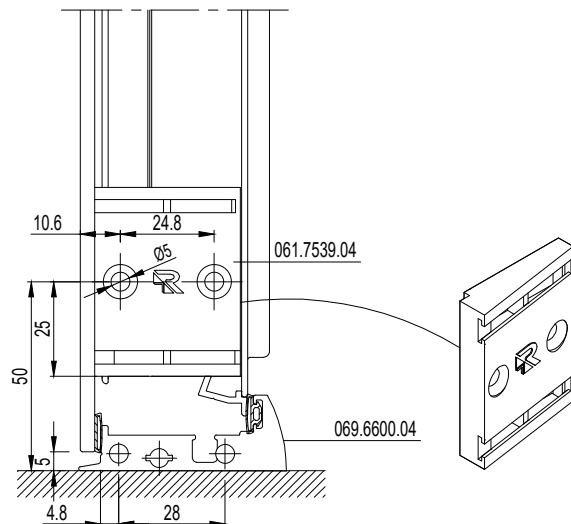
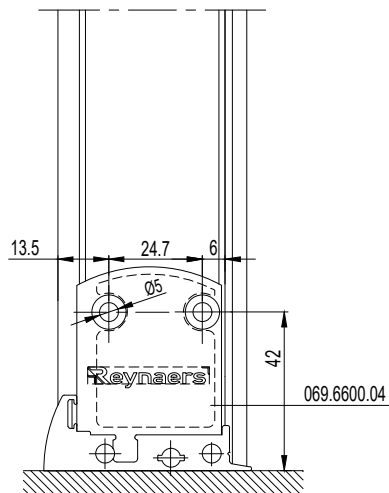
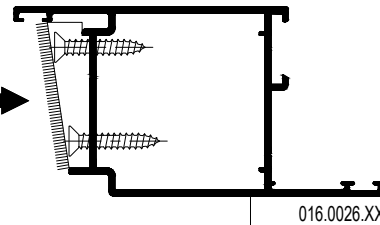
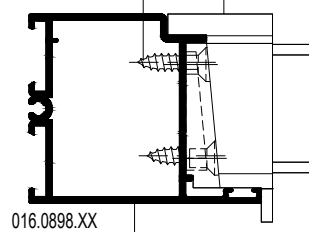
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MATIÈRE D'ÉTANCHEITÉ
SEALING AGENT
ABDICHTUNG

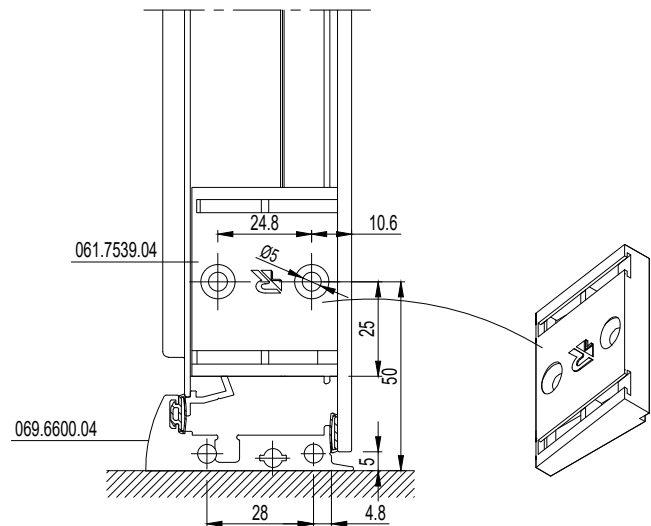
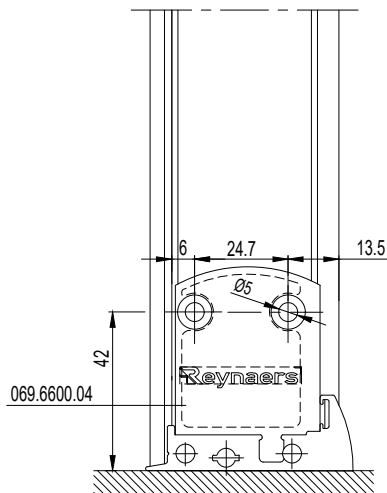
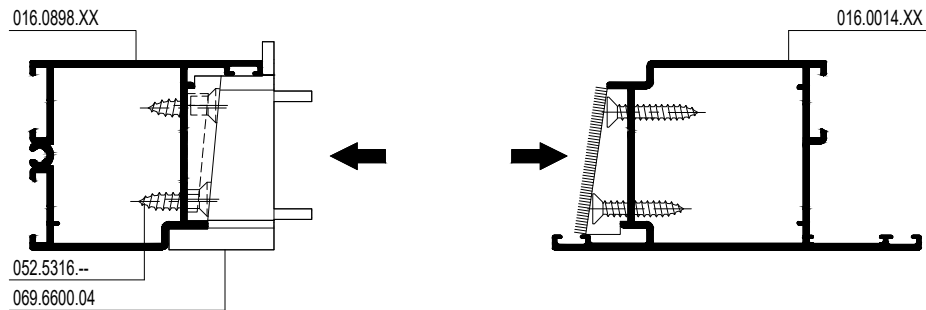
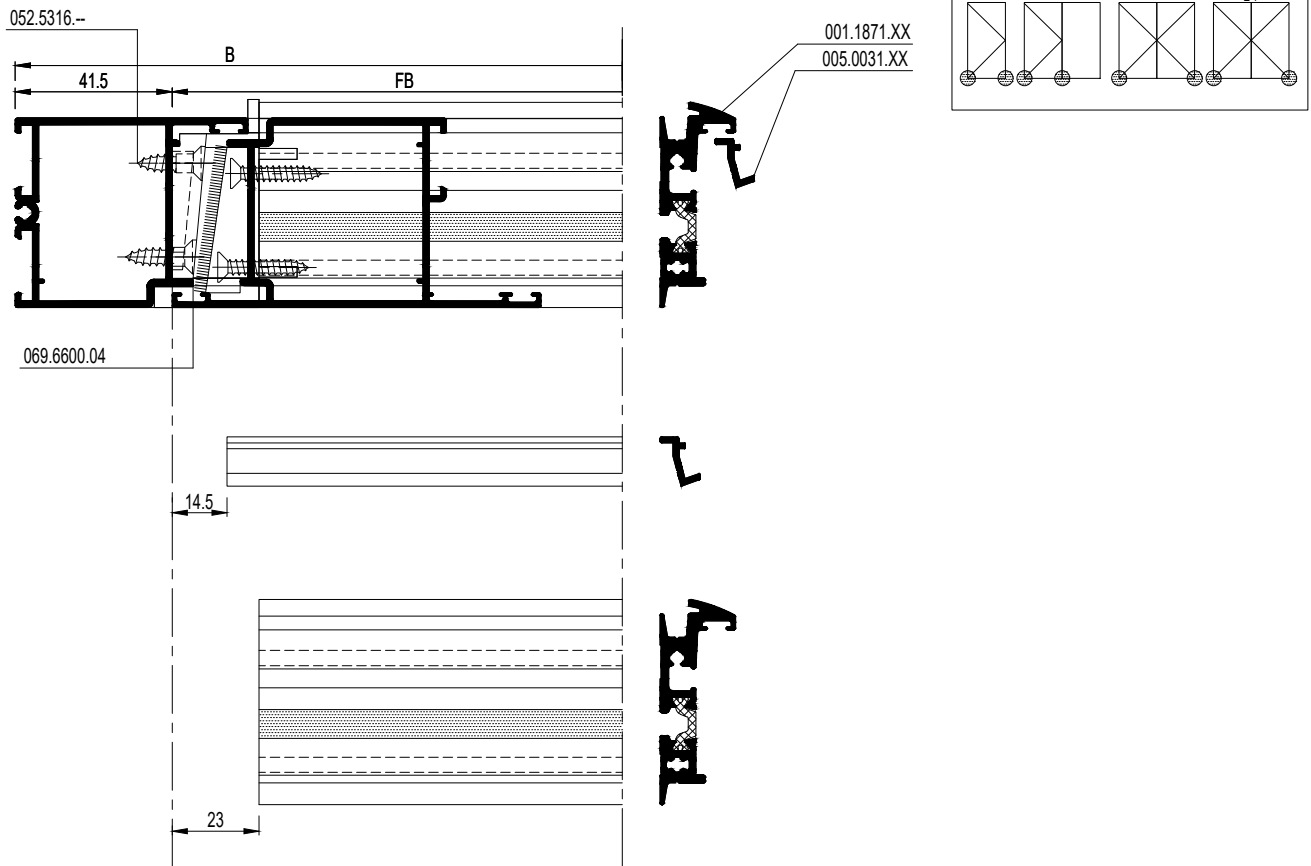
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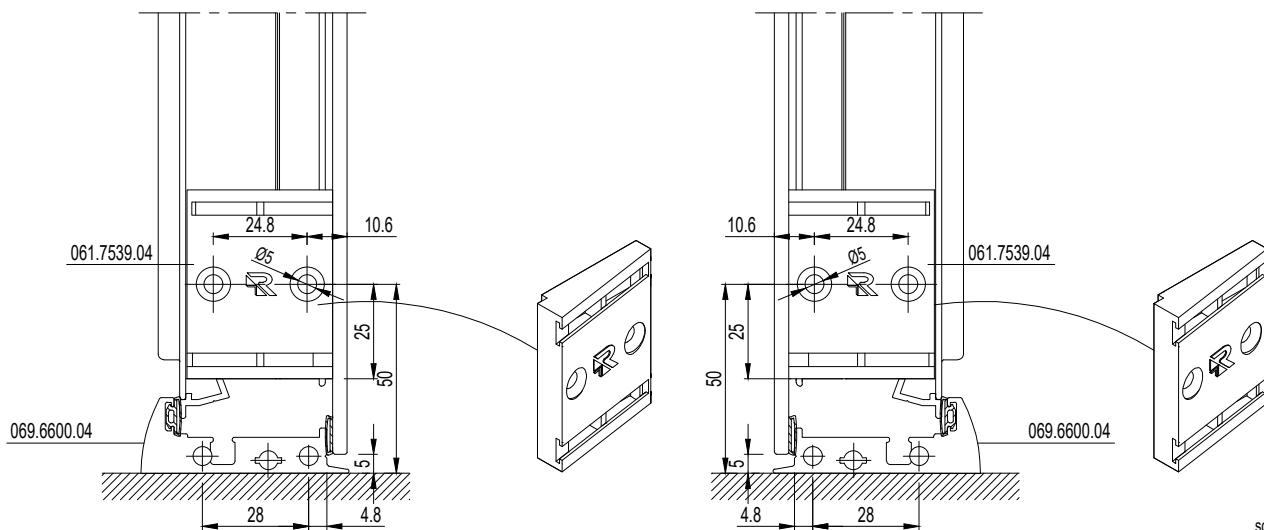
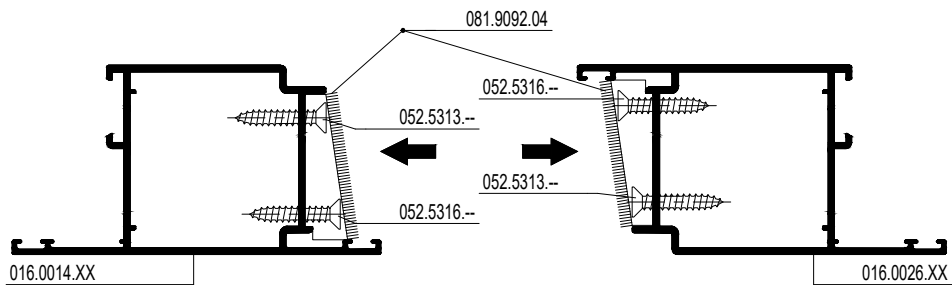
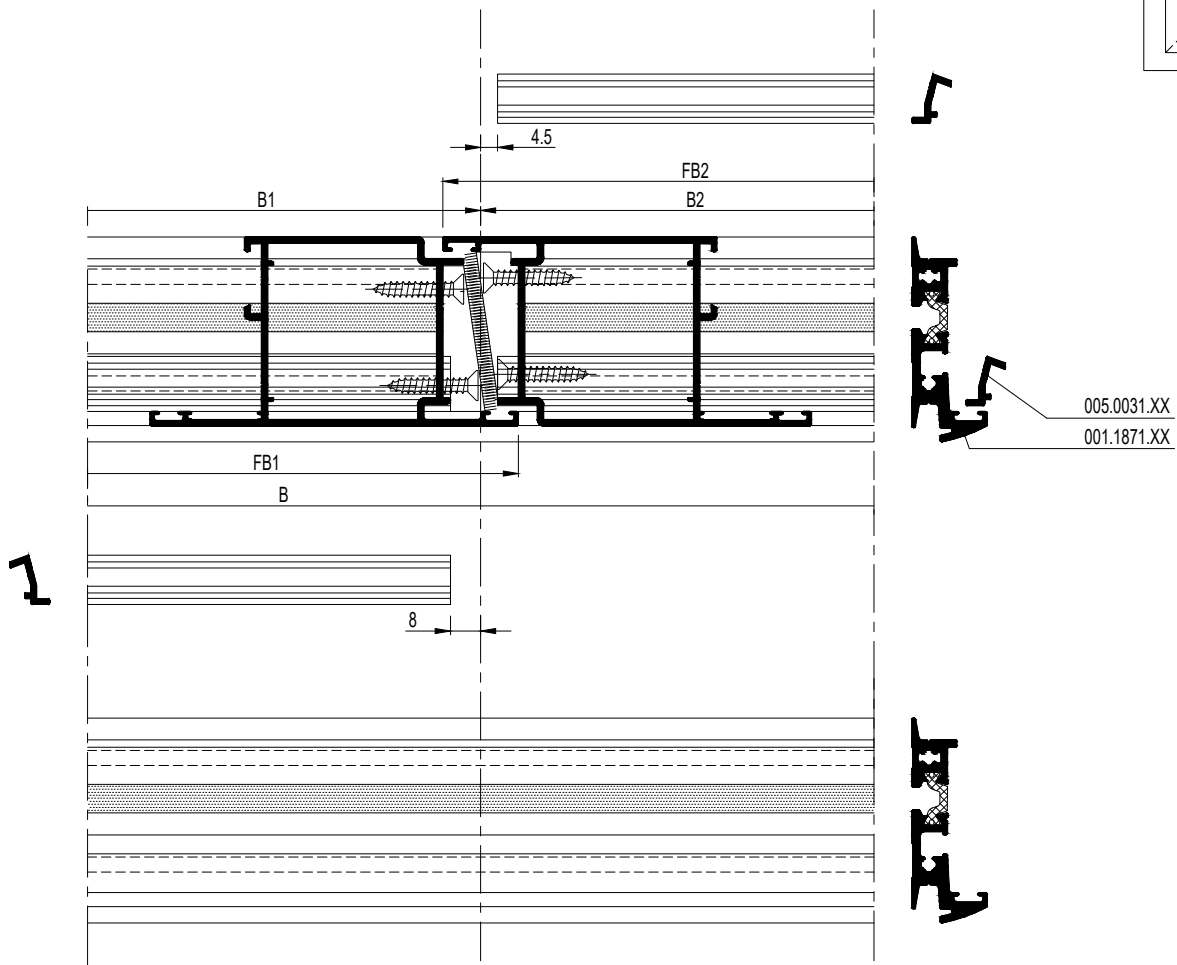
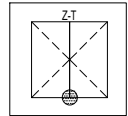


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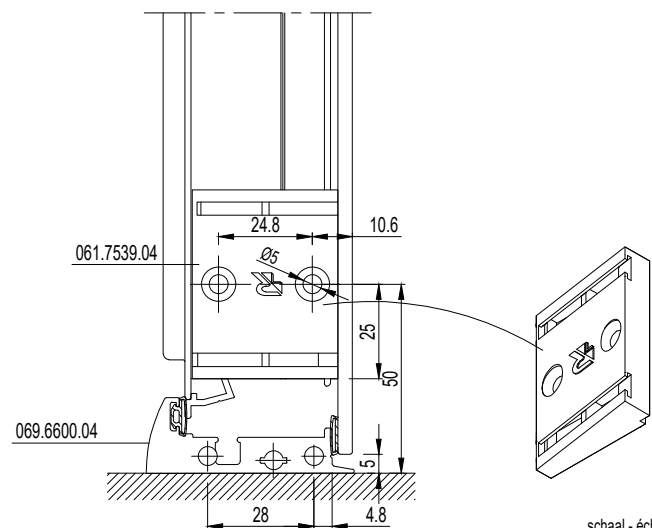
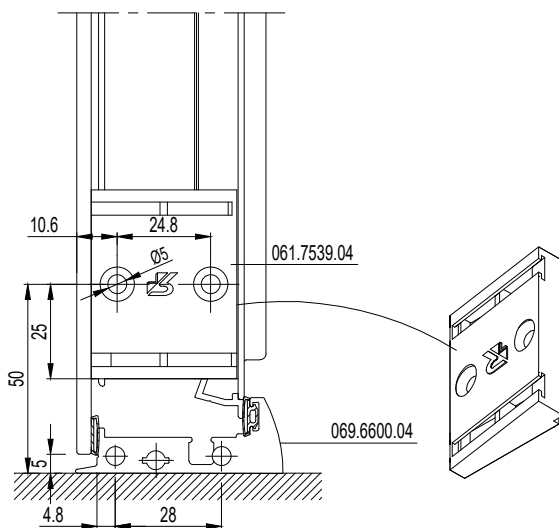
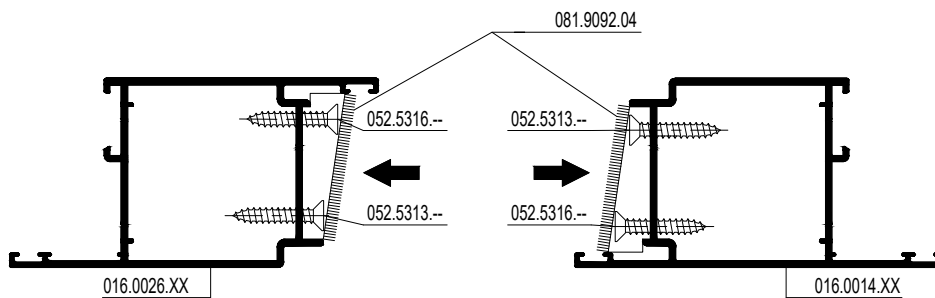
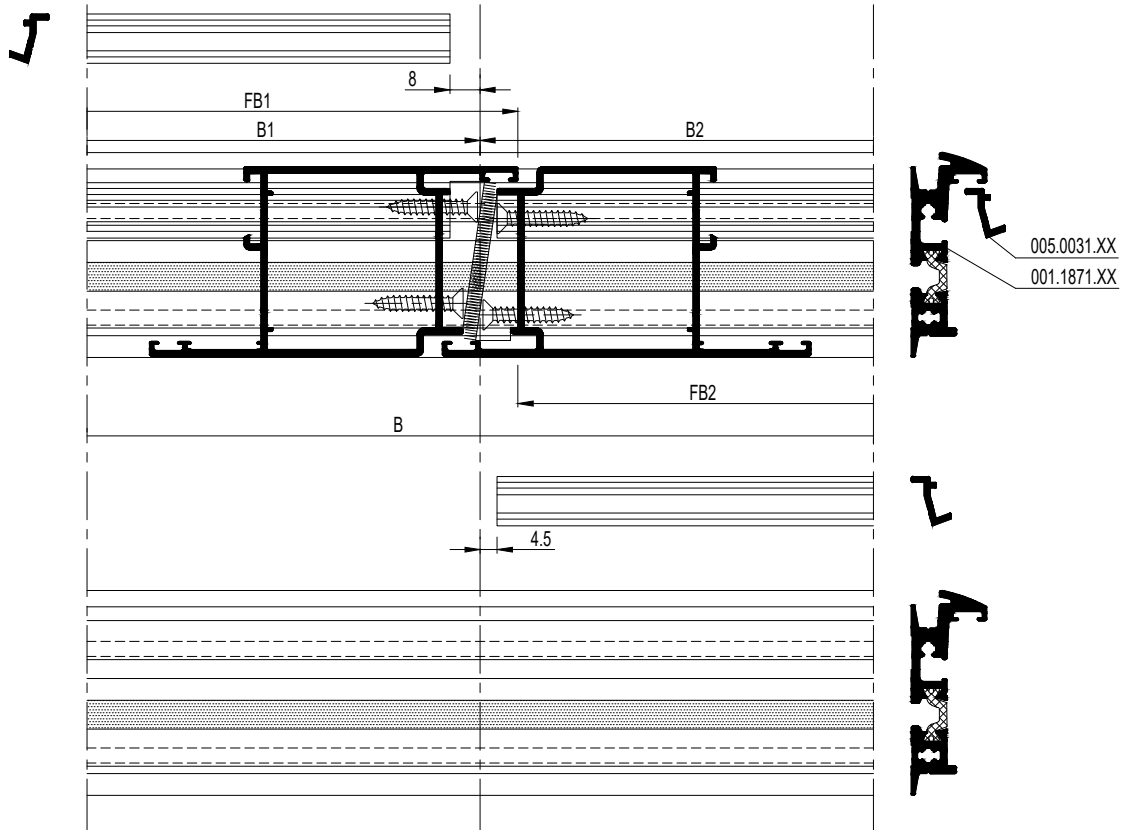
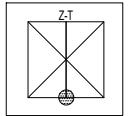
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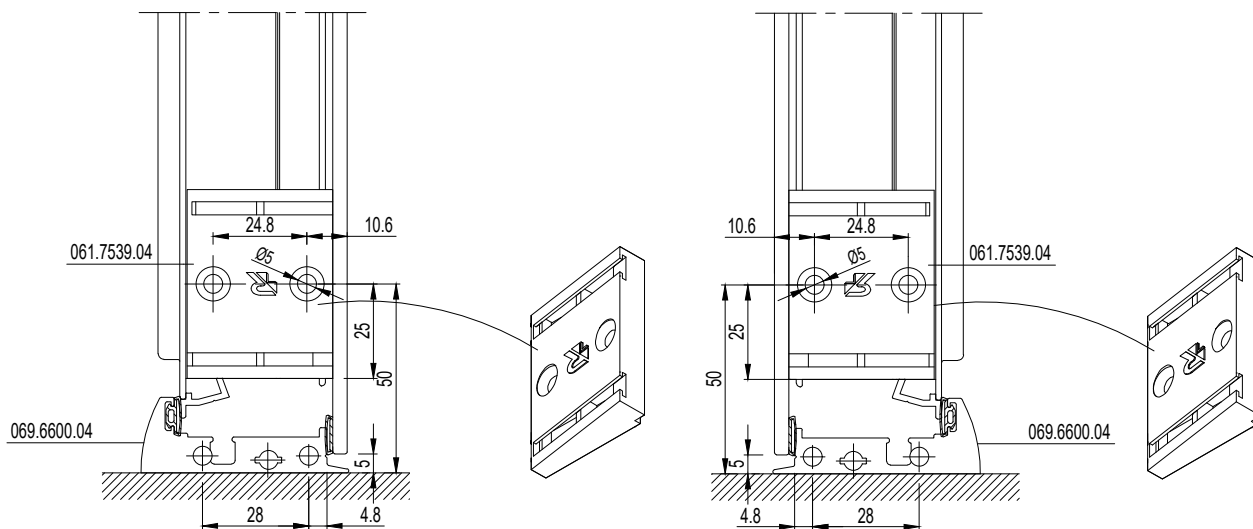
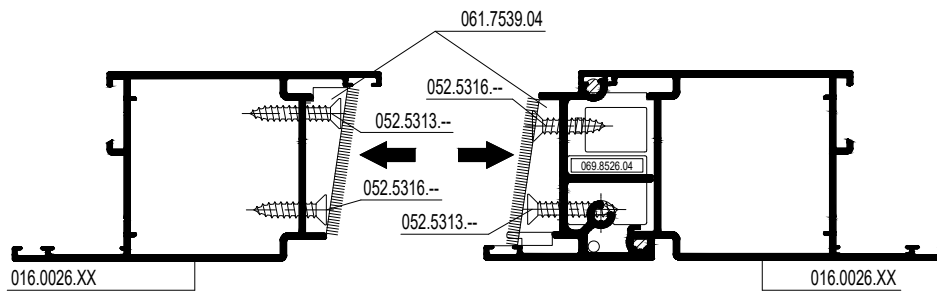
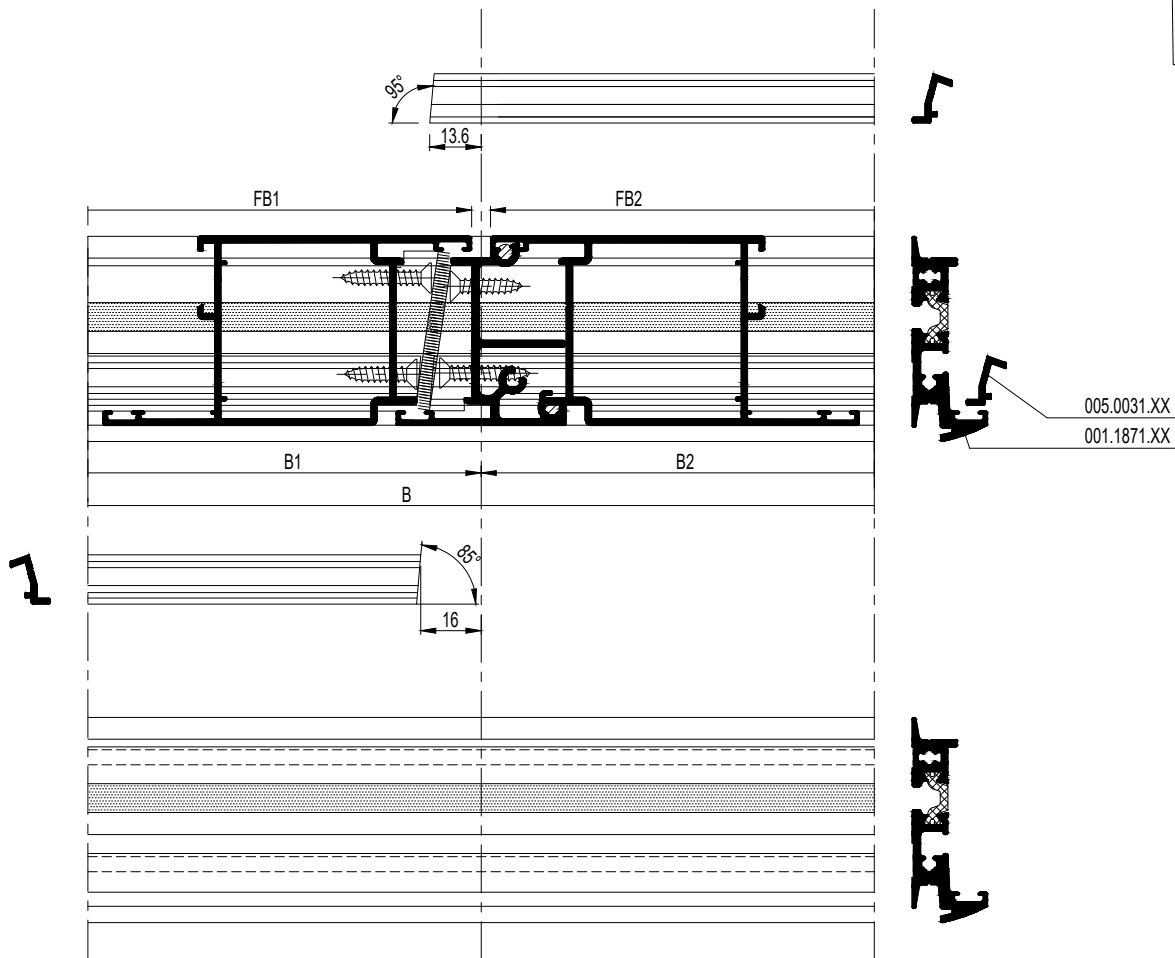
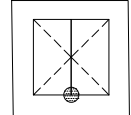


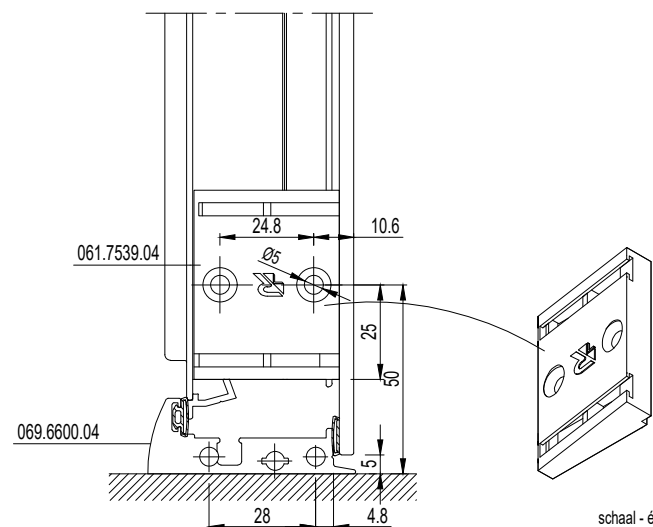
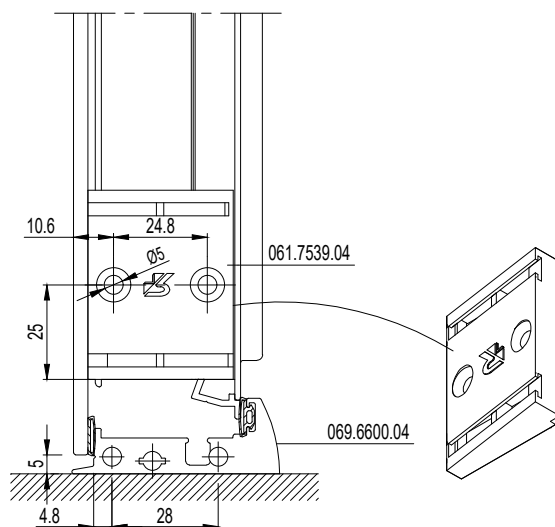
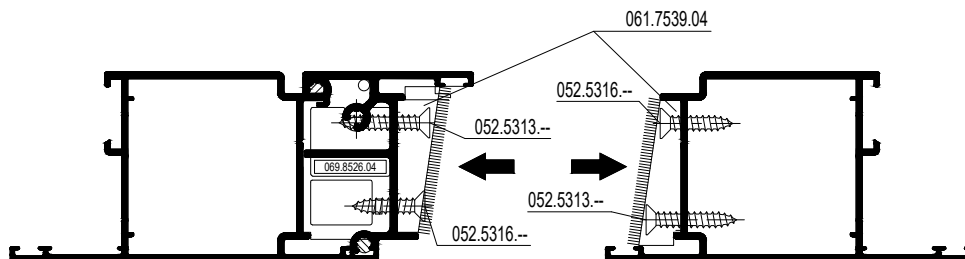
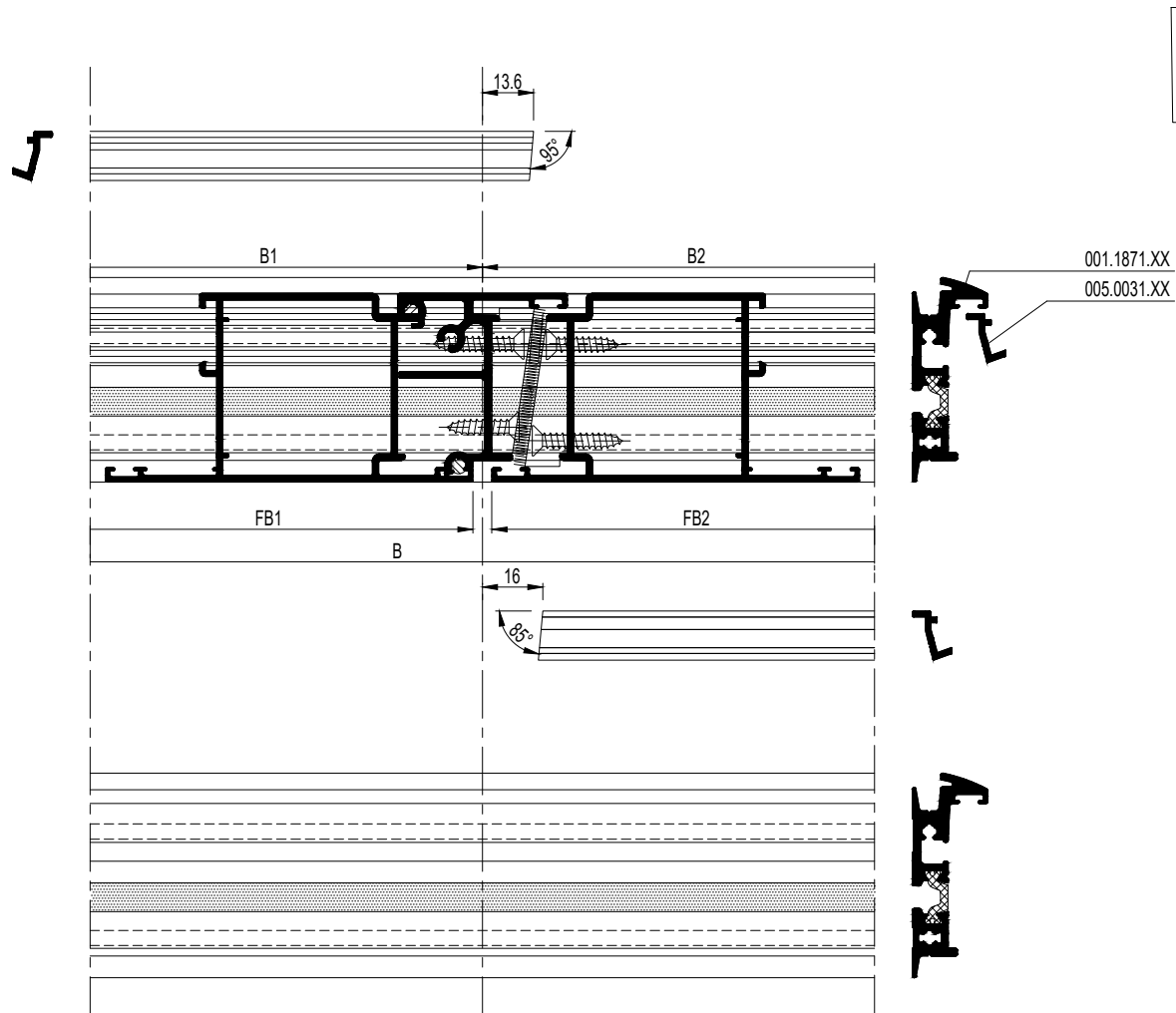


schaal - échelle
 scale - Maßstab
 1/2

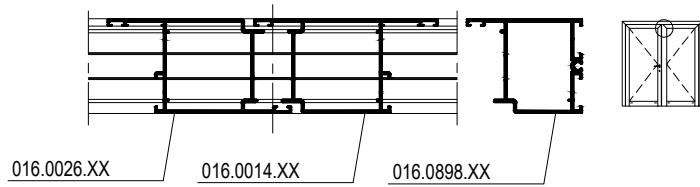


schaal - échelle
 scale - Maßstab
 1/2

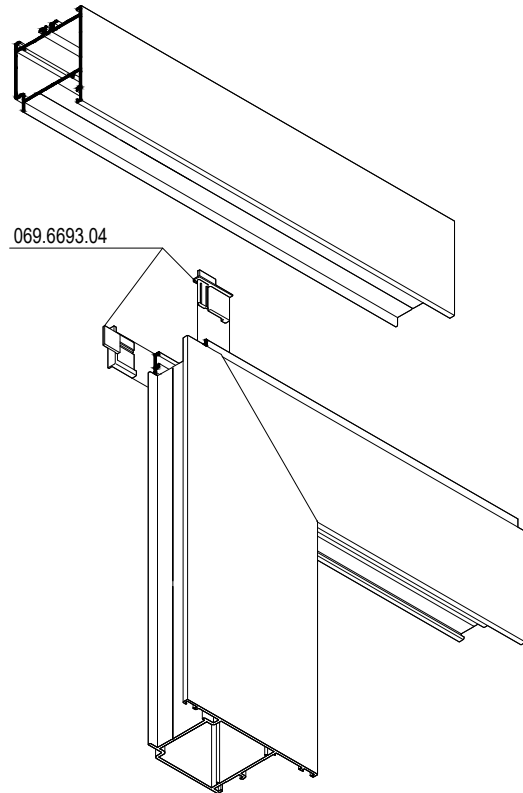
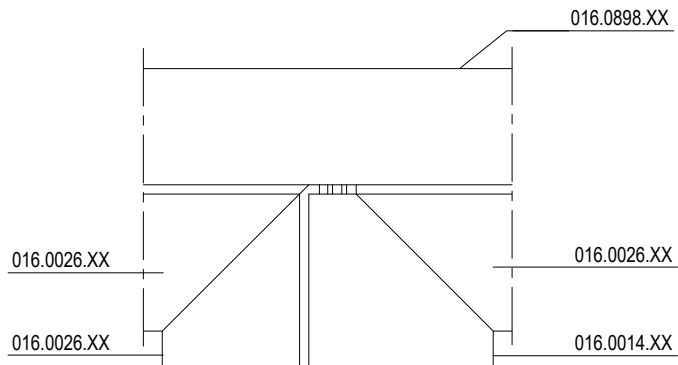




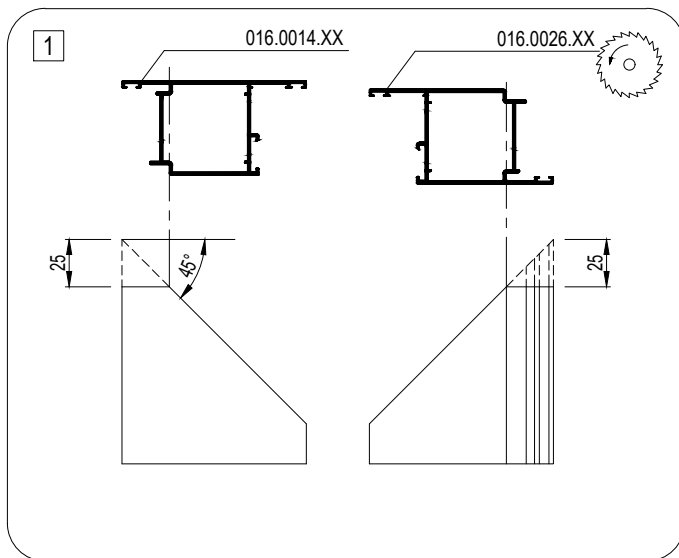
schaal - échelle
 scale - Maßstab
 1/2



2x
069.6693.04



069.6693.04



1

016.0014.XX

016.0026.XX

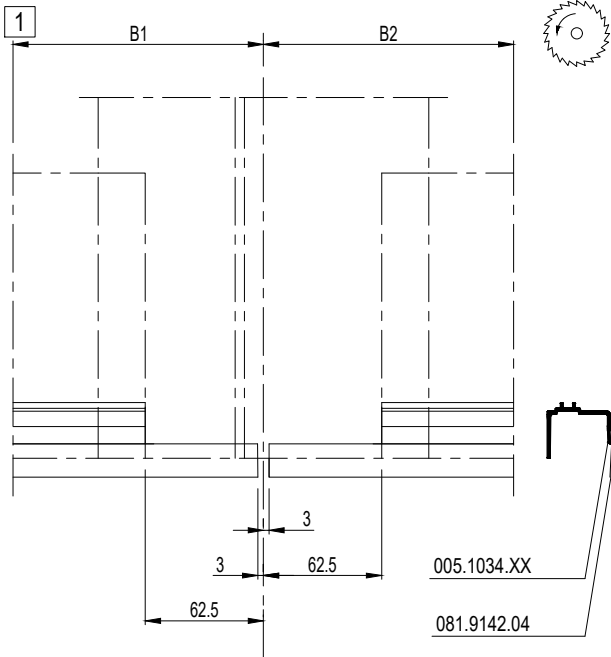
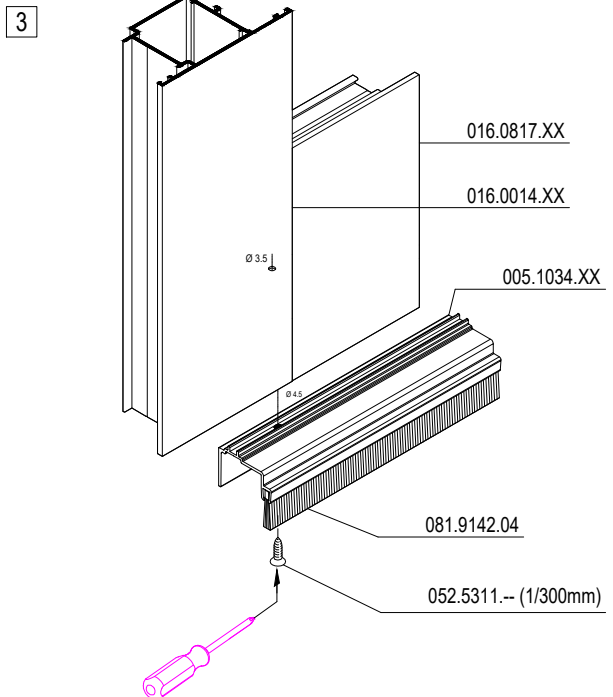
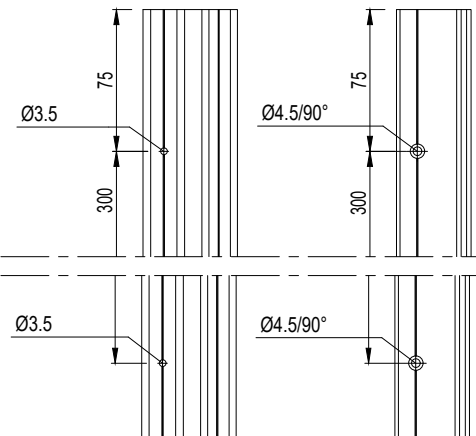
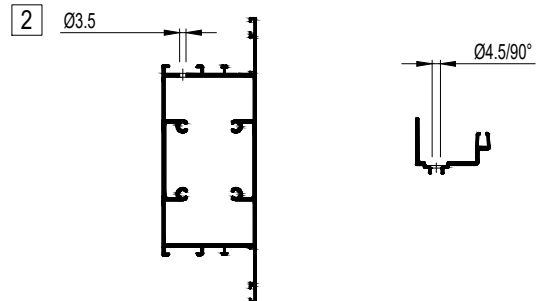
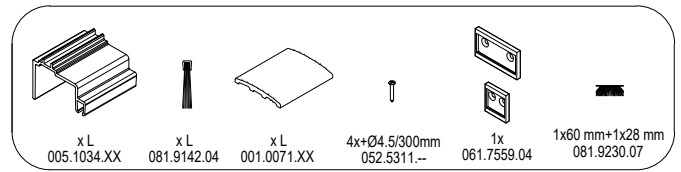
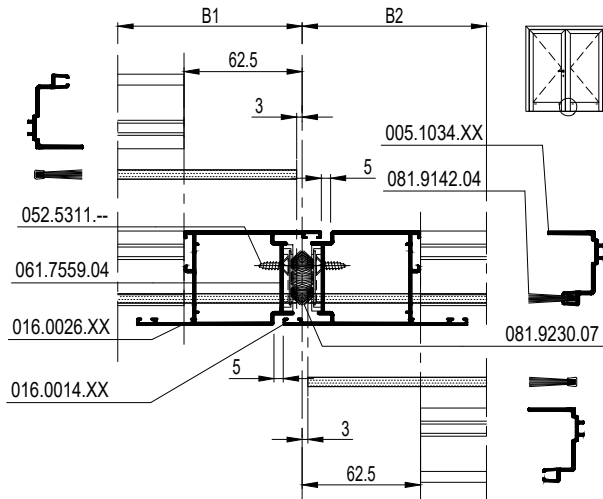


25
45°

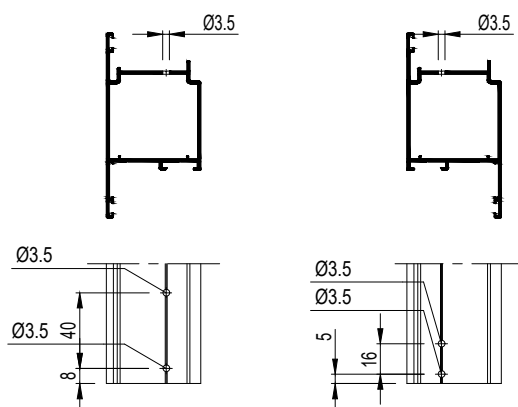
25

MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

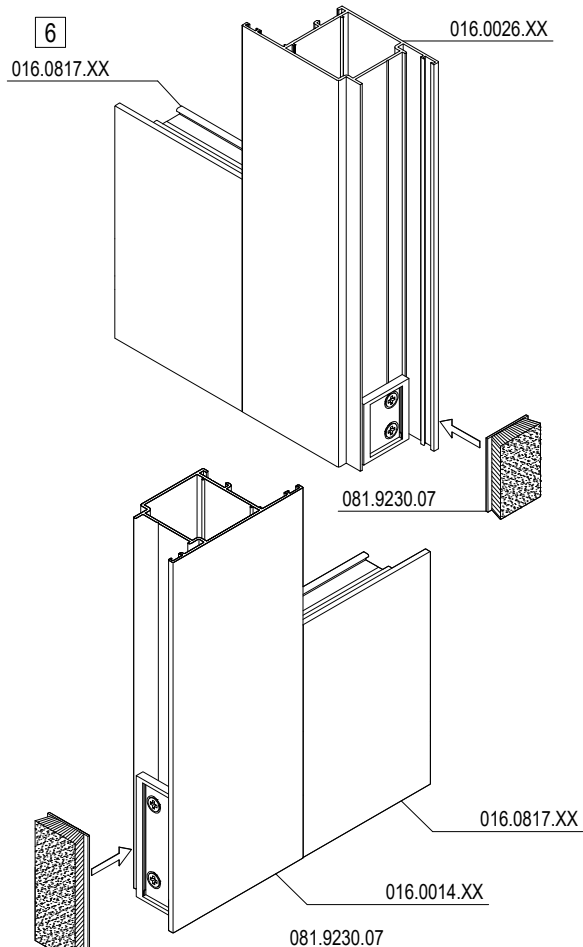
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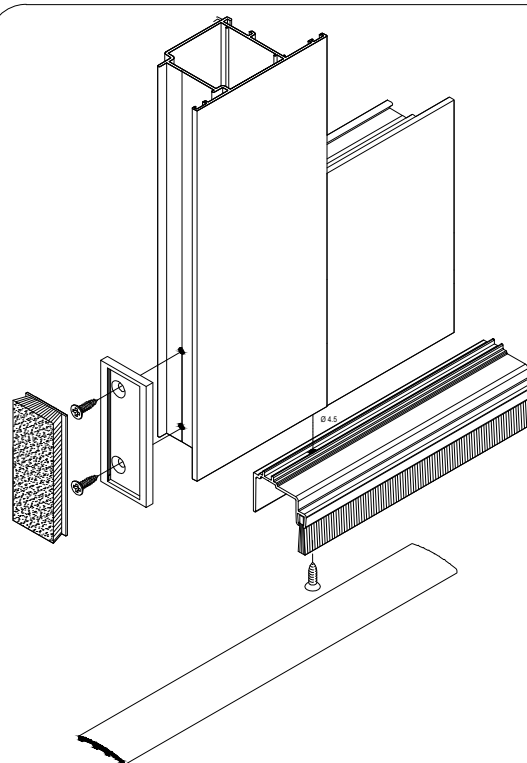
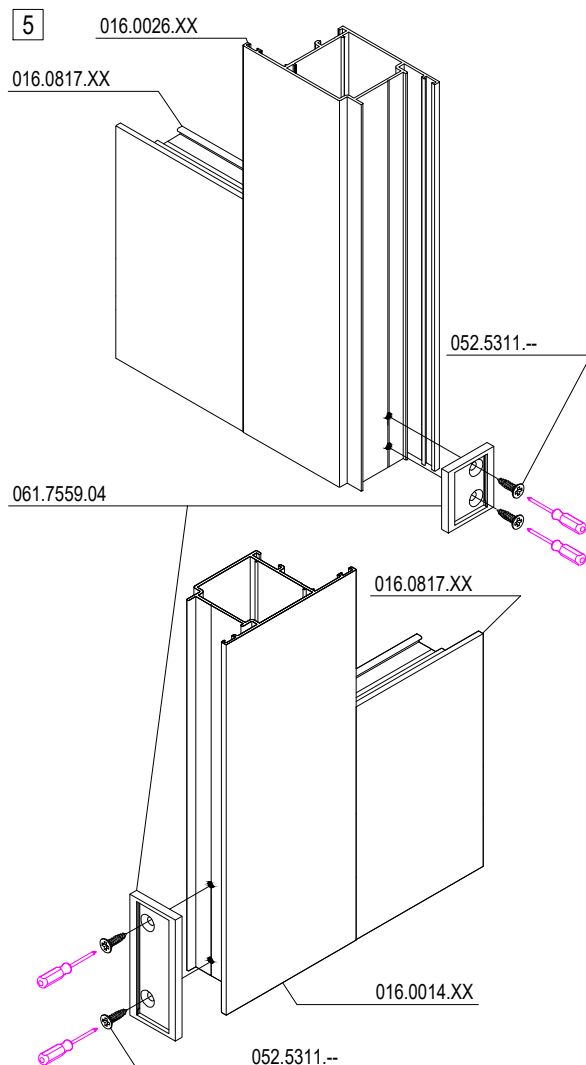
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6



5



MONTAGEVOLGORDE
L'ORDRE DE MONTAGE
THE ORDER OF ASSEMBLY
MONTAGEREIHENFOLGE

1 2 3 .

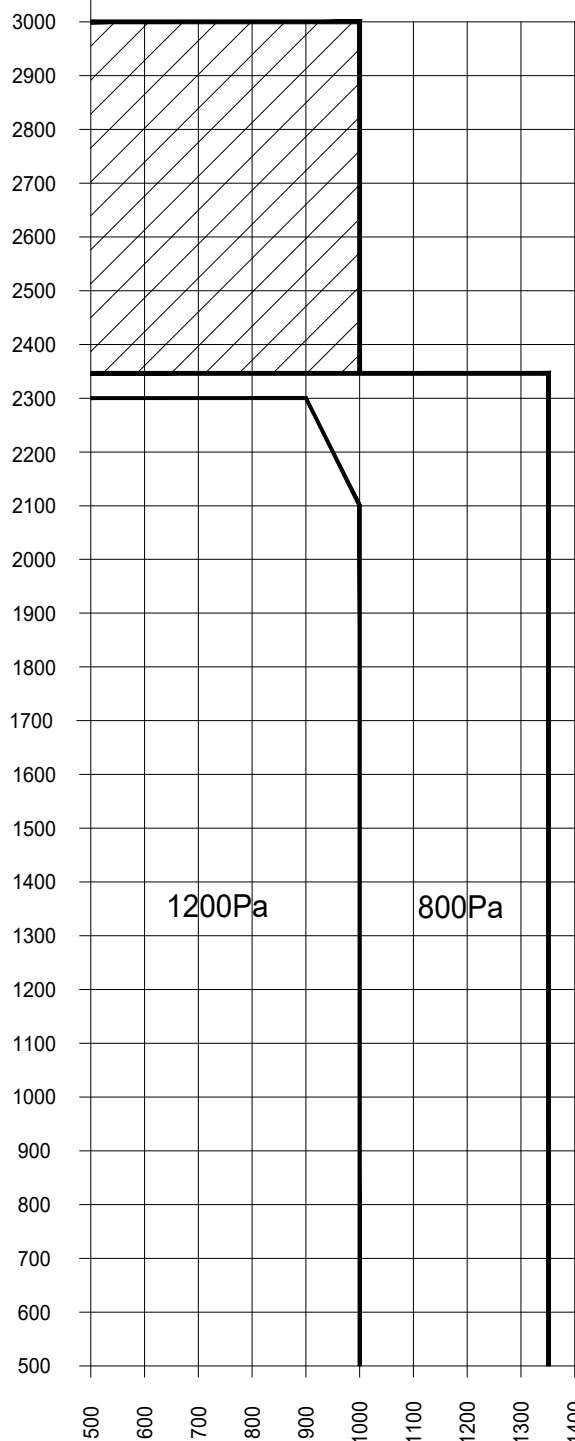
RAAMDEUREN
 PORTE-FENETRE
 WINDOWS-DOORS
 FENSTERTUER

DEUR NAAR BINNENDRAAIEND
 PORTE OUVRANT VERS L'INTERIEUR
 DOOR INWARD OPENING
 TUER NACH INNEN OEFFNEND



Vleugelhoogte (mm)
 Hauteur d'ouvrant (mm)
 Vent height (mm)
 Flügelhöhe (mm)

FH



Enkel getest op functionaliteit en stabiliteit
 Klasse 6 (200000 cycli) volgens EN 12400
 mechanische sterkte klasse 4 volgens EN 1192

Seulement été testé pour la fonctionnalité et stabilité
 Classe 6 (200000 cycli) suivant EN 12400
 Resistance mécanique classe 4 suivant EN 1192

Only tested on functionality and stability
 Class 6 (200000 cycli) according to EN 12400
 mechanical strength class 4 according to EN 1192

Nur auf Funktionalität getestet und Stabilität
 Klasse 6 (200000 cycli) nach EN 12400
 Mechanische Festigkeit Klasse 4 nach EN 1192

016.1121

1200Pa

800Pa

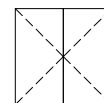
Vleugelbreedte (mm)
 Largeur d'ouvrant (mm)
 Vent width (mm)
 Flügelbreite (mm)

FB

Remark: aangegeven windbelasting = ontwerp windbelasting
 Remark: vent charge spécifiée = design charge du vent
 Remark: indicated windpressure = design windload
 Remark: angegebenen Windlast = Design Windlast

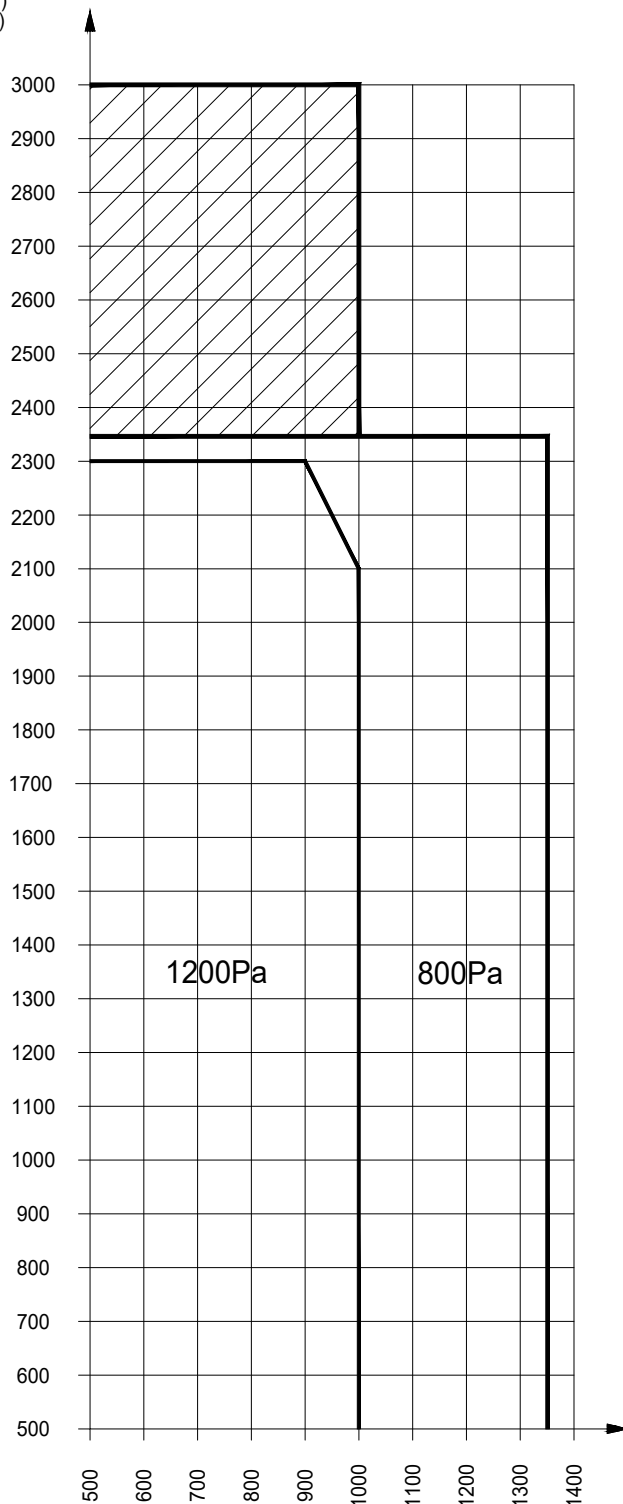
RAAMDEUREN
 PORTE-FENETRE
 WINDOWS-DOORS
 FENSTERTUER

DUBBELE DEUR NAAR BINNENDRAAIEND
 PORTE DOUBLE OUVRANT VERS L'INTERIEUR
 DOUBLE DOOR INWARD OPENING
 ZWEIFLUEGELIGE TUER NACH INNEN OEFFNEND



Vleugelhoogte (mm)
 Hauteur d'ouvrant (mm)
 Vent height (mm)
 Flügelhöhe (mm)

FH



Enkel getest op functionaliteit en stabiliteit
 Klasse 6 (200000 cycli) volgens EN 12400
 mechanische sterkte klasse 4 volgens EN 1192

Seulement été testé pour la fonctionnalité et stabilité
 Classe 6 (200000 cycli) suivant EN 12400
 Resistance mécanique classe 4 suivant EN 1192

Only tested on functionality and stability
 Class 6 (200000 cycli) according to EN 12400
 mechanical strength class 4 according to EN 1192

Nur auf Funktionalität getestet und Stabilität
 Klasse 6 (200000 cycli) nach EN 12400
 Mechanische Festigkeit Klasse 4 nach EN 1192

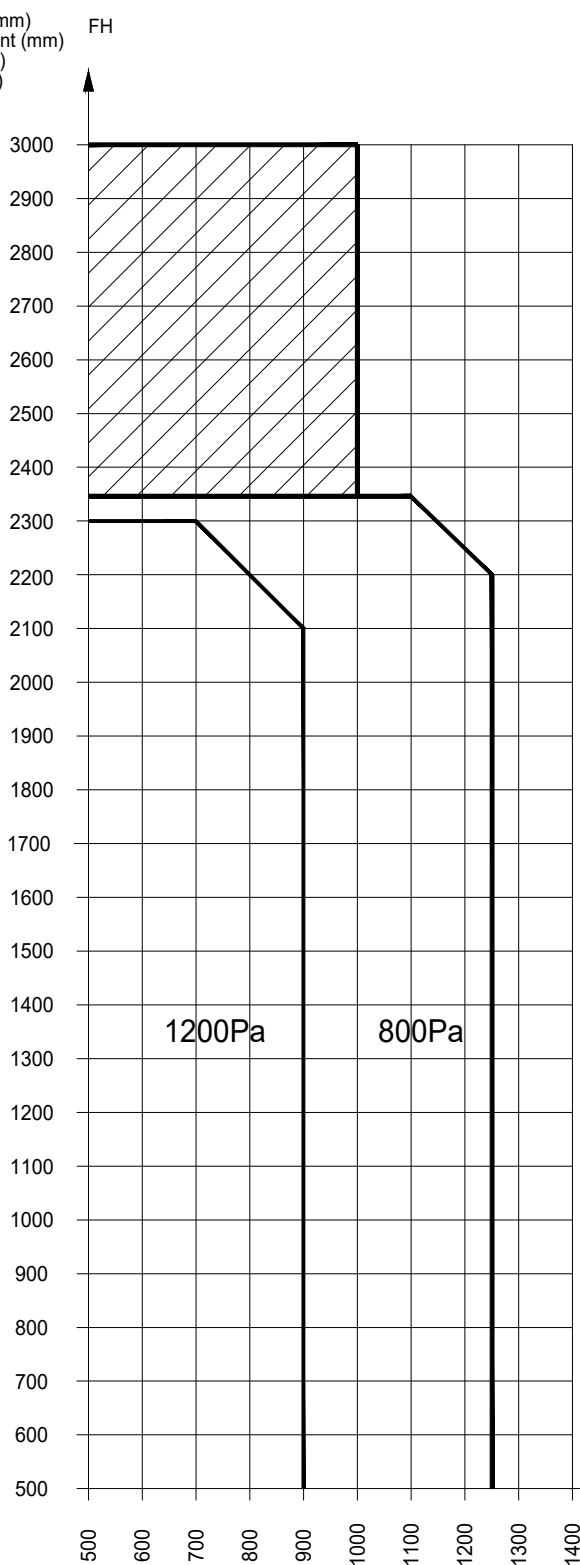
016.1121

Vleugelbreedte (mm)
 Largeur d'ouvrant (mm)
 Vent width (mm)
 Flügelbreite (mm)

FB

Remark: aangegeven windbelasting = ontwerp windbelasting
 Remark: vent charge spécifiée = design charge du vent
 Remark: indicated windpressure = design windload
 Remark: angegebenen Windlast = Design Windlast

Vleugelhoogte (mm)
 Hauteur d' ouvrant (mm)
 Vent height (mm)
 Flügelhöhe (mm)



DEUR NAAR BINNENDRAAIEND
 PORTE OUVRANT VERS L'INTERIEUR
 DOOR INWARD OPENING
 TÜR NACH INNEN OEFFNEND



DEUR NAAR BUITENDRAAIEND
 PORTE OUVRANT VERS L'EXTERIEUR
 DOOR OUTWARD OPENING
 TÜR NACH AUSSEN OEFFNEND



Enkel getest op functionaliteit en stabiliteit
 Klasse 6 (200000 cycli) volgens EN 12400
 mechanische sterkte klasse 4 volgens EN 1192

Seulement été testé pour la fonctionnalité et stabilité
 Classe 6 (200000 cycli) suivant EN 12400
 Resistance mécanique classe 4 suivant EN 1192

Only tested on functionality and stability
 Class 6 (200000 cycli) according to EN 12400
 mechanical strength class 4 according to EN 1192

Nur auf Funktionalität getestet und Stabilität
 Klasse 6 (200000 cycli) nach EN 12400
 Mechanische Festigkeit Klasse 4 nach EN 1192

016.0026
 of-ou-or-oder
 016.0014

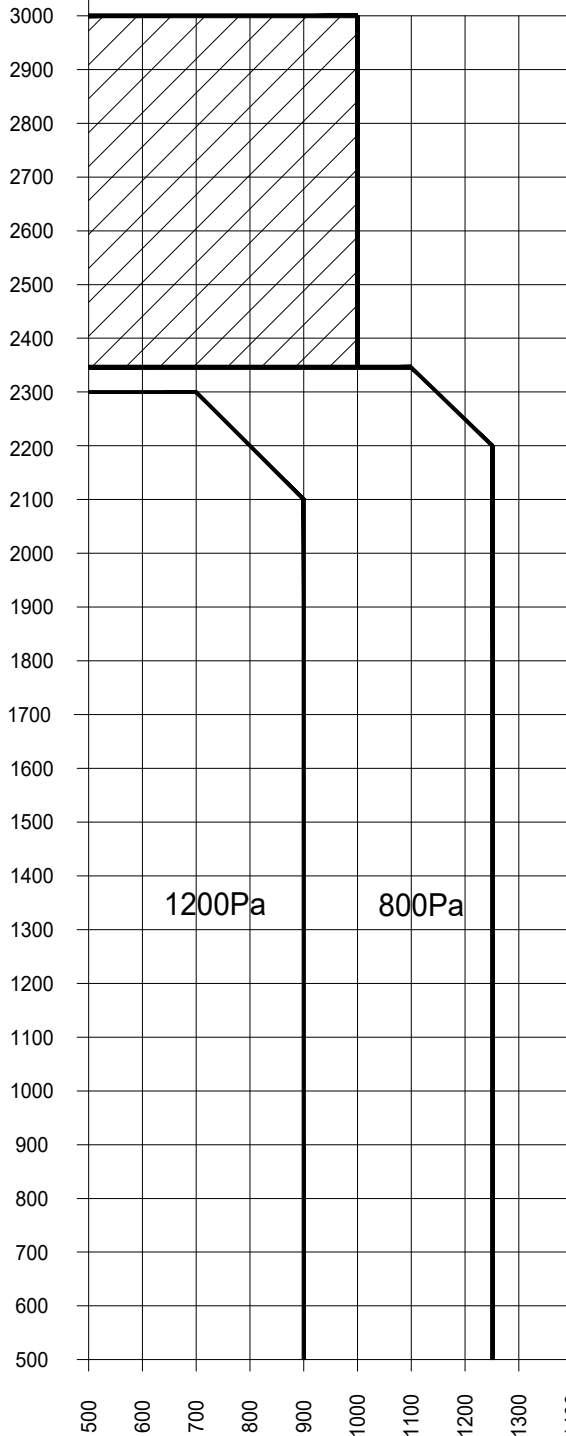
Vleugelbreedte (mm)
 Largeur d'ouvrant (mm)
 Vent width (mm)
 Flügelbreite (mm)

FB

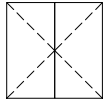
Remark: aangegeven windbelasting = ontwerp windbelasting
 Remark: vent charge spécifiée = design charge du vent
 Remark: indicated windpressure = design windload
 Remark: angegebenen Windlast = Design Windlast

Vleugelhoogte (mm)
 Hauteur d'ouvrant (mm)
 Vent height (mm)
 Flügelhöhe (mm)

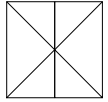
FH



DUBBELE DEUR NAAR BINNENDRAAIEND
 PORTE DOUBLE OUVRANT VERS L'INTERIEUR
 DOUBLE DOOR INWARD OPENING
 ZWEIFLUEGELIGE TUER NACH INNEN OEFFNEND



DUBBELE DEUR NAAR BUITENDRAAIEND
 PORTE DOUBLE OUVRANT VERS L'EXTERIEUR
 DOUBLE DOOR OUTWARD OPENING
 ZWEIFLUEGELIGE TUER NACH AUSSEN OEFFNEND



Enkel getest op functionaliteit en stabiliteit
 Klasse 6 (200000 cycli) volgens EN 12400
 mechanische sterkte klasse 4 volgens EN 1192

Seulement été testé pour la fonctionnalité et stabilité
 Classe 6 (200000 cycli) suivant EN 12400
 Resistance mécanique classe 4 suivant EN 1192

Only tested on functionality and stability
 Class 6 (200000 cycli) according to EN 12400
 mechanical strength class 4 according to EN 1192

Nur auf Funktionalität getestet und Stabilität
 Klasse 6 (200000 cycli) nach EN 12400
 Mechanische Festigkeit Klasse 4 nach EN 1192

016.0026
 of-ou-or-oder
 016.0014

Vleugelbreedte (mm)
 Largeur d'ouvrant (mm)
 Vent width (mm)
 Flügelbreite (mm)

FB

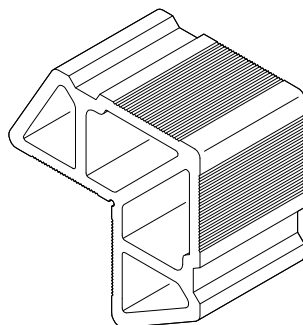
Remark: aangegeven windbelasting = ontwerp windbelasting
 Remark: vent charge spécifiée = design charge du vent
 Remark: indicated windpressure = design windload
 Remark: angegebenen Windlast = Design Windlast

G

R

Reynaers
Aluminium

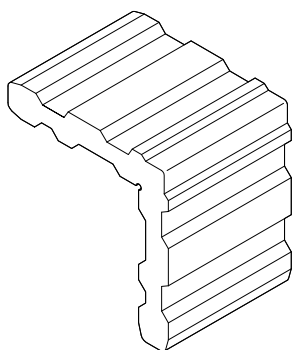
Toebehoren
Accessoires
Accessories
Zubehör

**068.8154.00**

PERSHOEK 32.9x40.25MM
EQUERRE A SERTIR 32.9x40.25MM
CRIMP CORNER CLEAT 32.9x40.25MM
PRESSECKWINKEL 32.9x40.25MM
ESCUADRA DE ENSAMBLAR 32.9x40.25MM
NAROZNIK ZACISKANY 32.9x40.25MM

CS 59PA

016.0898.XX
044.0198.XX

**068.8190.00**

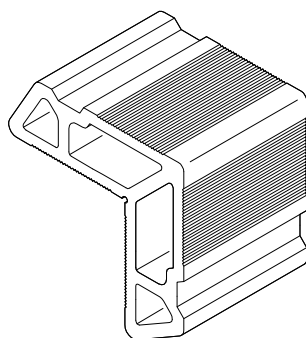
PERSHOEK 11.1x46MM
EQUERRE A SERTIR 11.1x46MM
CRIMP CORNER CLEAT 11.1x46MM
PRESSECKWINKEL 11.1x46MM
ESCUADRA DE ENSAMBLAR 11.1x46MM
NAROZNIK ZACISKANY 11.1x46MM

CS 59PA

016.0106.XX
016.0113.XX
016.0136.XX
016.0143.XX
016.1102.XX
044.0136.XX
044.0140.XX

CS 59Pa-CD

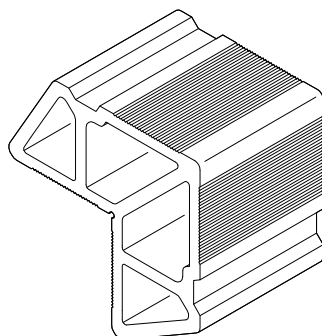
016.0636.XX

**068.8191.00**

PERSHOEK 22x46MM
EQUERRE A SERTIR 22x46MM
CRIMP CORNER CLEAT 22x46MM
PRESSECKWINKEL 22x46MM
ESCUADRA DE ENSAMBLAR 22x46MM
NAROZNIK ZACISKANY 22x46MM

CS 59PA

016.0100.XX
016.0120.XX
016.0183.XX
016.0817.XX
016.0847.XX
016.1192.XX
044.0192.XX
0K6.0817.XX
0K6.0847.XX

**068.8192.00**

PERSHOEK 32.9x46MM
EQUERRE A SERTIR 32.9x46MM
CRIMP CORNER CLEAT 32.9x46MM
PRESSECKWINKEL 32.9x46MM
ESCUADRA DE ENSAMBLAR 32.9x46MM
NAROZNIK ZACISKANY 32.9x46MM

CS 59PA

016.0114.XX
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044.0125.XX

016.0626.XX

CS 59Pa-SD

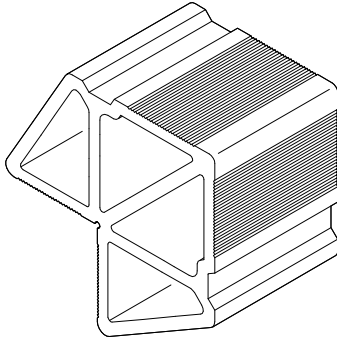
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CS 59Pa-AD

016.0501.XX

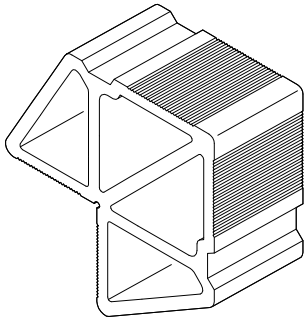
CS 59Pa-CD

016.0614.XX
016.0625.XX

**068.8193.00**

PERSHOEK 43.9x46MM
EQUERRE A SERTIR 43.9x46MM
CRIMP CORNER CLEAT 43.9x46MM
PRESSECKWINKEL 43.9x46MM
ESCUADRA DE ENSAMBLAR 43.9x46MM
NAROZNIK ZACISKANY 43.9x46MM

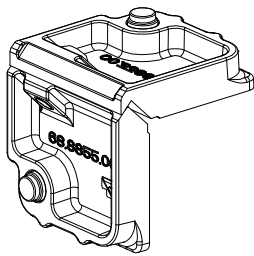
CS 59PA
016.1121.XX

**068.8194.00**

PERSHOEK 43.9x34.5MM
EQUERRE A SERTIR 43.9x34.5MM
CRIMP CORNER CLEAT 43.9x34.5MM
PRESSECKWINKEL 43.9x34.5MM
ESCUADRA DE ENSAMBLAR 43.9x34.5MM
NAROZNIK ZACISKANY 43.9x34.5MM

CS 59PA
016.0014.XX
016.0026.XX

068.8855.00



SCHROEFHOEK 11.6x46.6MM
EQUERRE A VISSER 11.6x46.6MM
SCREW CORNER CLEAT 11.6x46.6MM
SCHRAUBECKWINKEL 11.6x46.6MM
ESCUADRA DE ATORNILLAR 11.6x46.6MM
NAROZNIK SKRECANY 11.6x46.6MM

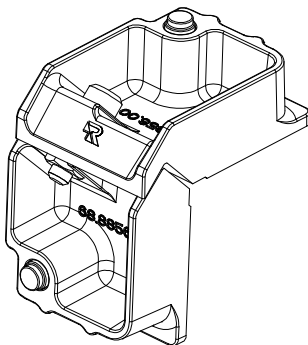
CS 59PA

016.0106.XX
016.0113.XX
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CS 59Pa-CD

016.0636.XX

068.8856.00

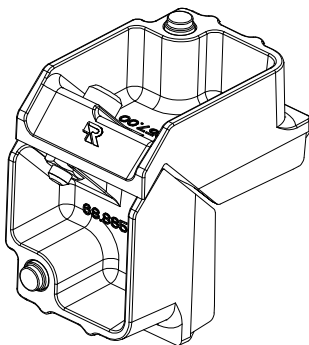


SCHROEFHOEK 22.6x46.6MM
EQUERRE A VISSER 22.6x46.6MM
SCREW CORNER CLEAT 22.6x46.6MM
SCHRAUBECKWINKEL 22.6x46.6MM
ESCUADRA DE ATORNILLAR 22.6x46.6MM
NAROZNIK SKRECANY 22.6x46.6MM

CS 59PA

016.0100.XX
016.0120.XX
016.0183.XX
016.0817.XX
016.0847.XX
016.1192.XX
044.0192.XX
044.0198.XX
0K6.0817.XX
0K6.0847.XX

068.8857.00



SCHROEFHOEK 33.6x46.6MM
EQUERRE A VISSER 33.6x46.6MM
SCREW CORNER CLEAT 33.6x46.6MM
SCHRAUBECKWINKEL 33.6x46.6MM
ESCUADRA DE ATORNILLAR 33.6x46.6MM
NAROZNIK SKRECANY 33.6x46.6MM

CS 59PA

016.0114.XX
016.0125.XX
044.0125.XX

CS 59Pa-SD

016.0501.XX
016.0516.XX

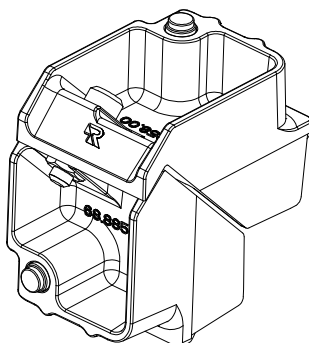
CS 59Pa-AD

016.0501.XX

CS 59Pa-CD

016.0625.XX

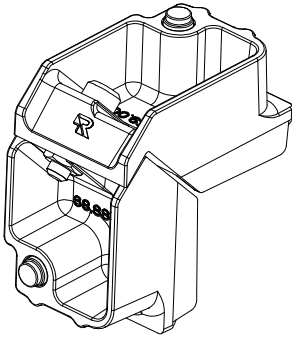
068.8858.00



SCHROEFHOEK 44.6x46.6MM
EQUERRE A VISSER 44.6x46.6MM
SCREW CORNER CLEAT 44.6x46.6MM
SCHRAUBECKWINKEL 44.6x46.6MM
ESCUADRA DE ATORNILLAR 44.6x46.6MM
NAROZNIK SKRECANY 44.6x46.6MM

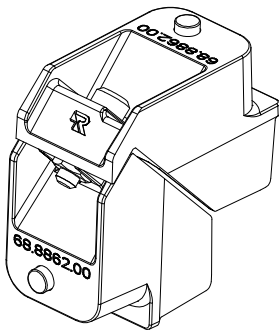
CS 59PA

016.1121.XX

**068.8859.00**

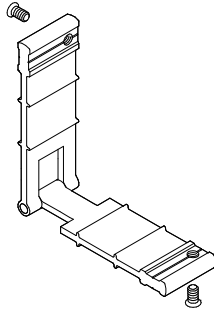
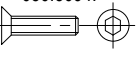
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EQUERRE A VISSER 33.6x40.85MM
SCREW CORNER CLEAT 33.6x40.85MM
SCHRAUBECKWINKEL 33.6x40.85MM
ESCUADRA DE ATORNILLAR 33.6x40.85MM
NAROZNIK SKRECANY 33.6x40.85MM

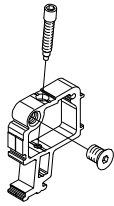
CS 59PA
016.0898.XX

**068.8862.00**

SCHROEFHOEK 44.6x35.1MM
EQUERRE A VISSER 44.6x35.1MM
SCREW CORNER CLEAT 44.6x35.1MM
SCHRAUBECKWINKEL 44.6x35.1MM
ESCUADRA DE ATORNILLAR 44.6x35.1MM
NAROZNIK SKRECANY 44.6x35.1MM

CS 59PA
016.0014.XX
016.0026.XX

**068.8879.00**SCHROEFHOEK VERSTELBAAR
EQUERRE A VISSER REGLABLE
SCREW CORNER CLEAT ADJUSTABLE
SCHRAUBECKWINKEL VERSTELLBAR
ESCUADRA DE ATORNILLAR REGULABLE
NAROZNIK SKRECANY NASTAWNY2 st./pc
050.5094.--

-
M8 x 15**CS 59PA**016.0106.XX
016.0113.XX
016.0136.XX
016.0156.XX
044.0136.XX

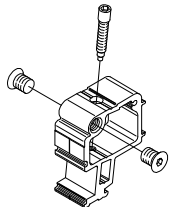
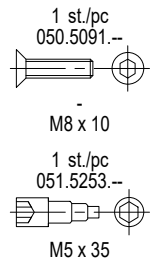
**068.9090.00**

T-VERBINDER 11.1MM
JUNCTION-T 11.1MM
T-BRACKET 11.1MM
T-VERBINDER 11.1MM
TOPE DE UNION 11.1MM
LACZNIK TEOWY 11.1MM

CS 59PA

016.0104.XX
016.0106.XX
016.0113.XX
016.0136.XX
016.0143.XX
044.0136.XX

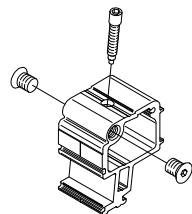
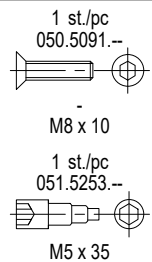
CS 59Pa-CD
016.0636.XX

**068.9091.00**

T-VERBINDER 22MM
JUNCTION-T 22MM
T-BRACKET 22MM
T-VERBINDER 22MM
TOPE DE UNION 22MM
LACZNIK TEOWY 22MM

CS 59PA

016.0100.XX
016.0120.XX
016.0183.XX

**068.9092.00**

T-VERBINDER 32.9MM
JUNCTION-T 32.9MM
T-BRACKET 32.9MM
T-VERBINDER 32.9MM
TOPE DE UNION 32.9MM
LACZNIK TEOWY 32.9MM

CS 59PA

016.0114.XX
016.0125.XX
044.0125.XX

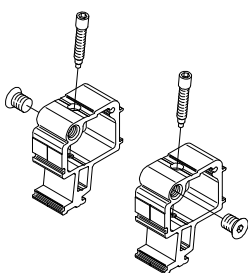
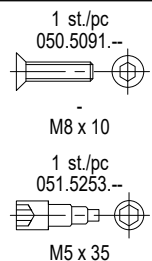
016.0626.XX

CS 59Pa-SD

016.0501.XX

CS 59Pa-AD
016.0501.XX

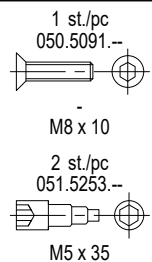
CS 59Pa-CD
016.0614.XX
016.0625.XX

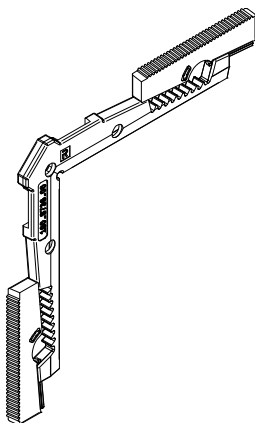
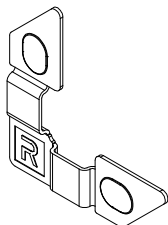
**068.9093.00**

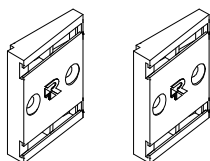
T-VERBINDER 2x22MM
JUNCTION-T 2x22MM
T-BRACKET 2x22MM
T-VERBINDER 2x22MM
TOPE DE UNION 2x22MM
LACZNIK TEOWY 2x22MM

CS 59PA

016.0817.XX
016.0847.XX
0K6.0817.XX
0K6.0847.XX



**160.8736.00**STEUNHOEK
CALE DE FEUILLURE
REBATE SUPPORT
ECKWINKEL
ESCUADRA DE ALINEAMIENTO
KATOWY NAROZNIK**CS 59PA**016.0014.XX
016.0026.XX
016.0100.XX
016.0106.XX
016.0113.XX
016.0114.XX
016.0120.XX
016.0125.XX
016.0136.XX
016.0143.XX
016.0156.XX
016.0183.XX
016.0813.XX
016.0814.XX
016.0817.XX
016.0820.XX
016.0847.XX
016.1102.XX
016.1121.XX
016.1192.XX**CF 68****060.8717.--**STEUNHOEK
CALE DE FEUILLURE
REBATE SUPPORT
ECKWINKEL
ESCUADRA DE ALINEAMIENTO
KATOWY NAROZNIK**CS 59PA**016.0014.XX
016.0026.XX
016.0100.XX
016.0104.XX
016.0105.XX
016.0106.XX
016.0113.XX
016.0114.XX
016.0120.XX
016.0125.XX
016.0136.XX
016.0143.XX
016.0183.XX
016.0817.XX
016.0847.XX
016.1102.XX
016.1121.XX
016.1192.XX
044.0125.XX
044.0136.XX
0K6.0817.XX
0K6.0847.XX**CS 59Pa-AD**
016.0501.XX**CS 59Pa-CD**
016.0614.XX
016.0625.XX
016.0626.XX
016.0636.XX**CS 59Pa-SD**
016.0501.XX
016.0507.XX
016.0508.XX**CF 68**
CP 130
CS 59-CD
CS 59-SD
CW 86-EF

**061.7539.04**

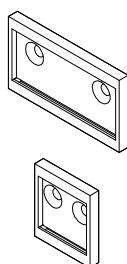
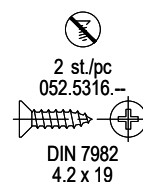
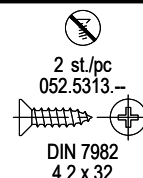
SET BORSTELSTUKKEN DEUR
SET SUPPORT DE BROSSE PORTE
SET BRUSH HOLDERS DOOR
SATZ BUERSTENHALTERS HAUSTUER
CONJUNTO PORTACEPILLOS PARA PUERTA
UCHWYT SZCZOTKI DRZWIOWEJ



H=50
B=11.2
D=38.5

CS 59
ES 50
ES 50-AP

ES 50-PL

**061.7559.04**

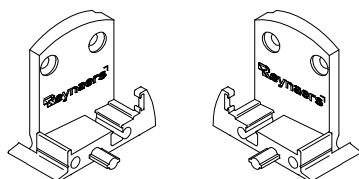
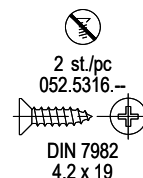
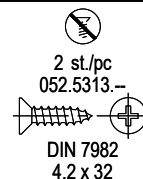
SET BORSTELSTUKKEN DEUR
SET SUPPORT DE BROSSE PORTE
SET BRUSH HOLDERS DOOR
SATZ BUERSTENHALTERS HAUSTUER
CONJUNTO PORTACEPILLOS PARA PUERTA
UCHWYT SZCZOTKI DRZWIOWEJ



H=35
B=64/32
D=5

CS 77-BP

CS 59
CS 59PA
CS 68
CS 77

**069.6600.04**

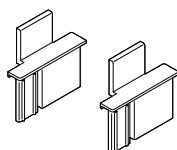
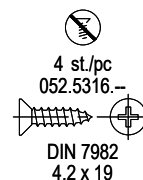
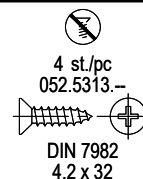
EINDSTUKKEN BODEMPROFIEL
PIECES FINALES PROFILE DE SEUIL
END PIECES FLOOR PROFILE
ENDKAPPEN SCHWELLE
PIEZAS TERMINALES PERFIL SUELO
KONCOWKI PROFILU PODLOGOWEGO



H=54
B=55/37
D=37/55

CS 59
ES 50
ES 50-AP

ES 50-PL

**069.6693.04**

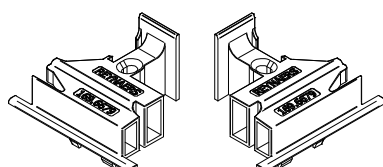
EINDSTUKKEN Z-T DEUR
PIECES FINALES PORTE Z-T
END PIECES Z-T DOOR
ENDKAPPE Z-T TUER
TAPETAS PUERTA Z-T
ZASLEPKI DRZWI Z-T



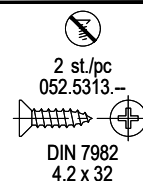
H=25.5
B=24.8
D=7.35

CS 59
CS 68
CS 68-FP
CS 77
CS 77-BP
ES 50
ES 50-AP

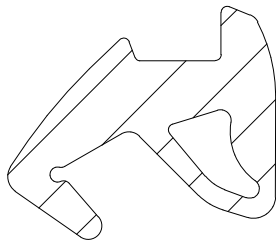
CS 59PA
ES 50-PL

**169.6679.04**

DICHTING STOLPVLEUGEL
ETANCHEITE FENETRE DOUBLE OUVRANT
SEALING DOUBLE CASEMENT WINDOW
DICHTUNG STULPFLUEGEL
TAPAS VENTANA DOBLE HOJA
MASKOWNICA



CS 59PA

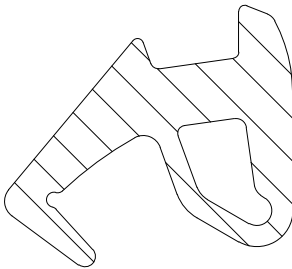
080.9123.SY

BINNENBEGLAZINGSDICHTING 3MM
 JOINT DE VITRAGE INTERIEUR 3MM
 INNER GLAZING GASKET 3MM
 INNENVERGLASUNGSDICHTUNG 3MM
 JUNTA DE ACRISTALADO INTERIOR 3MM
 USZCZELKA PRZYSZYBOWA WEWN. 3MM



H=8.9 B=7.7 (COLOR= WHITE)
 04/47=SILICONISED
 N4/N7=NON SILICONISED

BOREALE	CP 155	CP 96-AP	CS 59
CF 68	CP 155-AP	CP 96-LS	CS 59-AP
CI 45	CP 155-LS	CP 96-LS/AP	CS 59-HV
CP 130	CP 155-LS/AP	CS 104-HI+	CS 59PA
CP 130-LS	CP 45PA	CS 24-SL	CS 59Pa-AP
CP 130Pa	CP 45Pa (GR)	CS 38-SL	CS 59-RE
CP 130Pa-LS	CP 96	CS 38-SL/AP	CS 59-SO

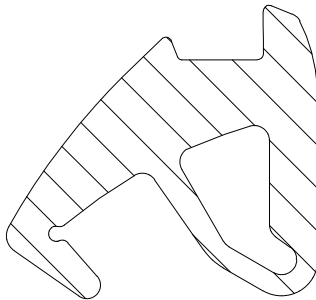
080.9124.SY

BINNENBEGLAZINGSDICHTING 4MM
 JOINT DE VITRAGE INTERIEUR 4MM
 INNER GLAZING GASKET 4MM
 INNENVERGLASUNGSDICHTUNG 4MM
 JUNTA DE ACRISTALADO INTERIOR 4MM
 USZCZELKA PRZYSZYBOWA WEWN. 4MM



H=8.7 B=9.6 (COLOR= RED)
 04/47=SILICONISED
 N4/N7=NON SILICONISED

BOREALE	CP 130Pa	CP 45Pa (GR)	CS 24-SL
CF 68	CP 130Pa-LS	CP 68Pa	CS 38-SL
CF 77	CP 155	CP 96	CS 38-SL/AP
CF 77-AP	CP 155-AP	CP 96-AP	CS 59
CI 45	CP 155-LS	CP 96-LS	CS 59-AP
CP 130	CP 155-LS/AP	CP 96-LS/AP	CS 59-HV
CP 130-LS	CP 45PA	CS 104-HI+	CS 59PA

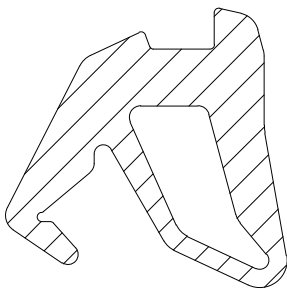
080.9125.SY

BINNENBEGLAZINGSDICHTING 5MM
 JOINT DE VITRAGE INTERIEUR 5MM
 INNER GLAZING GASKET 5MM
 INNENVERGLASUNGSDICHTUNG 5MM
 JUNTA DE ACRISTALADO INTERIOR 5MM
 USZCZELKA PRZYSZYBOWA WEWN. 5MM



H=10.3 B=9.7 (COLOR= BLUE)
 04/47=SILICONISED
 N4/N7=NON SILICONISED

CF 68	CP 130Pa-LS	CP 68Pa	CS 38-SL
CF 77	CP 155	CP 96	CS 38-SL/AP
CF 77-AP	CP 155-AP	CP 96-AP	CS 59
CI 45	CP 155-LS	CP 96-LS	CS 59-AP
CP 130	CP 155-LS/AP	CP 96-LS/AP	CS 59-HV
CP 130-LS	CP 45PA	CS 104-HI+	CS 59PA
CP 130Pa	CP 45Pa (GR)	CS 24-SL	CS 59Pa-AP

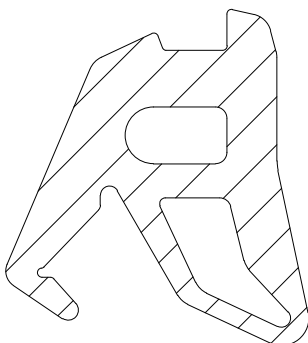
080.9126.SY

BINNENBEGLAZINGSDICHTING 6-7MM
 JOINT DE VITRAGE INTERIEUR 6-7MM
 INNER GLAZING GASKET 6-7MM
 INNENVERGLASUNGSDICHTUNG 6-7MM
 JUNTA DE ACRISTALADO INTERIOR 6-7MM
 USZCZELKA PRZYSZYBOWA WEWN. 6-7MM



H=11.5 B=11.4 (COLOR= GREEN)
 04/47=SILICONISED
 N4/N7=NON SILICONISED

CF 68	CP 130Pa-LS	CP 96	CS 38-SL/AP
CF 77	CP 155	CP 96-AP	CS 59
CF 77-AP	CP 155-AP	CP 96-LS	CS 59-AP
CI 45	CP 155-LS	CP 96-LS/AP	CS 59-HV
CP 130	CP 155-LS/AP	CS 104-HI+	CS 59PA
CP 130-LS	CP 45Pa (GR)	CS 24-SL	CS 59Pa-AP
CP 130Pa	CP 68Pa	CS 38-SL	CS 59-RE

080.9128.SY

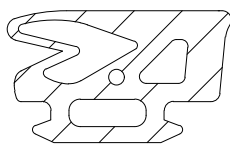
BINNENBEGLAZINGSDICHTING 8-9MM
 JOINT DE VITRAGE INTERIEUR 8-9MM
 INNER GLAZING GASKET 8-9MM
 INNENVERGLASUNGSDICHTUNG 8-9MM
 JUNTA DE ACRISTALADO INTERIOR 8-9MM
 USZCZELKA PRZYSZYBOWA WEWN. 8-9MM



H=13.4 B=14.8 (COLOR= YELLOW)
 .04=SILICONISED
 .N4=NON SILICONISED

CF 68	CP 130Pa-LS	CP 96-AP	CS 59
CF 77	CP 155	CP 96-LS	CS 59-AP
CF 77-AP	CP 155-AP	CP 96-LS/AP	CS 59-HV
CI 45	CP 155-LS	CS 104-HI+	CS 59PA
CP 130	CP 155-LS/AP	CS 24-SL	CS 59Pa-AP
CP 130-LS	CP 68Pa	CS 38-SL	CS 59-RE
CP 130Pa	CP 96	CS 38-SL/AP	CS 59-SO

080.9114.SY



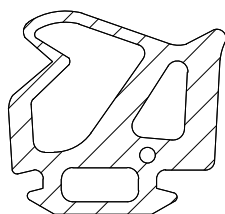
BUITENBEGLAZINGSDICHTING 4MM
 JOINT DE VITRAGE EXTERIEUR 4MM
 OUTER GLAZING GASKET 4MM
 AUSSENVERGLASUNGSDICHTUNG 4MM
 JUNTA DE ACRISTALADO EXTERIOR 4MM
 USZCZELKA PRZYSZYBOWA ZEWNETRZNA 4MM



H=10
B=9

CP 130Pa	CP 96-AP	CS 77
016.1982.XX	CP 96-LS	CS 77-AP
	CP 96-LS/AP	CS 77-BP
CF 68	CR 120	CS 77-FP
CF 77	CS 104-HI+	CS 77-SP
CF 77-AP	CS 24-SL	CS 86-HI
CI 45	CS 24-SL/AP	CSW 86-HI
CP 130	CS 38-SL	ES 50
CP 130-LS	CS 38-SL/AP	ES 50-AP
CP 130Pa-LS	CS 59	ES 75
CP 155	CS 59-AP	MASTERLINE 8-Fu
CP 155-AP	CS 59PA	RB GLASS
CP 155-LS	CS 59-RE	VISION 50
CP 155-LS/AP	CS 59-SO	
CP 45PA	CS 68	
CP 45Pa (GR)	CS 68-AP	
CP 68Pa	CS 68-RE	
CP 96	CS 68-SO	

080.9116.04



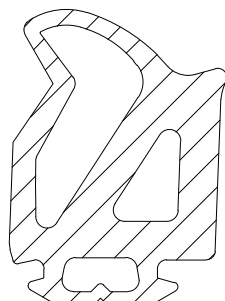
BUITENBEGLAZINGSDICHTING 6MM
 JOINT DE VITRAGE EXTERIEUR 6MM
 OUTER GLAZING GASKET 6MM
 AUSSENVERGLASUNGSDICHTUNG 6MM
 JUNTA DE ACRISTALADO EXTERIOR 6MM
 USZCZELKA PRZYSZYBOWA ZEWNETRZNA 6MM



H=10
B=11

CF 68	CS 24-SL	ES 50
CF 77	CS 24-SL/AP	ES 50-AP
CF 77-AP	CS 38-SL	ES 75
CI 45	CS 38-SL/AP	RB GLASS
CP 130	CS 59	VISION 50
CP 130-LS	CS 59-AP	
CP 155	CS 59PA	
CP 155-AP	CS 59-RE	
CP 155-LS	CS 59-SO	
CP 155-LS/AP	CS 68	
CP 45PA	CS 68-AP	
CP 45Pa (GR)	CS 68-RE	
CP 96	CS 68-SO	
CP 96-AP	CS 77	
CP 96-LS	CS 77-AP	
CP 96-LS/AP	CS 77-BP	
CR 120	CS 77-SP	
CS 104-HI+	CSW 86-HI	

080.9118.04

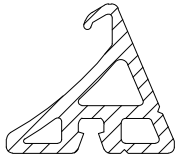
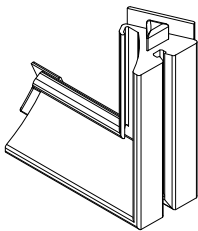


BUITENBEGLAZINGSDICHTING 8MM
 JOINT DE VITRAGE EXTERIEUR 8MM
 OUTER GLAZING GASKET 8MM
 AUSSENVERGLASUNGSDICHTUNG 8MM
 JUNTA DE ACRISTALADO EXTERIOR 8MM
 USZCZELKA PRZYSZYBOWA ZEWNETRZNA 8MM



H=10
B=13

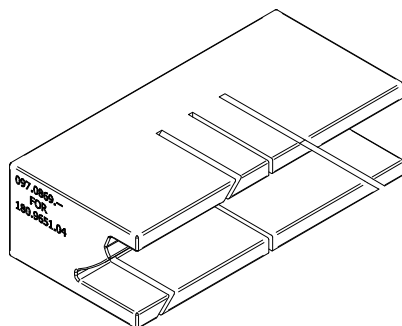
CF 68	CS 59	VISION 50
CF 77	CS 59-AP	
CF 77-AP	CS 59PA	
CI 45	CS 59-RE	
CP 130	CS 59-SO	
CP 130-LS	CS 68	
CP 155	CS 68-AP	
CP 155-AP	CS 68-RE	
CP 155-LS	CS 68-SO	
CP 155-LS/AP	CS 77	
CP 96	CS 77-AP	
CP 96-AP	CS 77-BP	
CP 96-LS	CS 77-SP	
CP 96-LS/AP	CSW 86-HI	
CR 120	ES 50	
CS 104-HI+	ES 50-AP	
CS 38-SL	ES 75	
CS 38-SL/AP	RB GLASS	

**180.9651.04**MIDDENDICHTING
JOINT CENTRAL
CENTRAL GASKET
MITTELDICHTUNG
JUNTA CENTRAL
USZCZELKA CENTRALNA**CS 59PA****180.9575.04**HOEKSTUK EPDM
PIECE D'ANGLE EPDM
CORNER PIECE EPDM
ECKSTUECK EPDM
PIEZA CANTONERA EPDM
NAROZNIK USZCZELKI EPDM**CS 59PA**BESCHIKBAAR Q3-2021
DISPONIBLE Q3-2021
AVAILABLE Q3-2021
VERFÜGBAR Q3-2021

097.0869.--

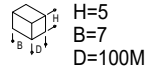
SNIJMAL MIDDENDICHTING EPDM
GABARIT A COUPER JOINT CENTRAL EPDM
CUTTING JIG CENTRAL GASKET EPDM
SCHNEIDELEHRE MITTELDICHTUNG EPDM
PLANTILLA DE CORTE JUNTA CENTRAL EPDM
SZABLON DO CIECIA USZCZELKI CENTRALNEJ EPDM

CS 59PA
180.9651.04



081.9091.04

BORSTELDICHTING 5MM
JOINT-BROSSE 5MM
WOOLPILE 5MM
BUERSTENDICHTUNG 5MM
CEPILLO 5MM
SZCZOTKA 5MM



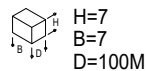
MOSQUITO
020.1045.XX
020.1046.XX

CP 155
CP 155-LS
CS 59
CS 59PA
CS 68
CS 77
CS 77-BP

CS 77-FP
CS 77-SP
ES 50
ES 50-AP
MASTERLINE 8-Fu
MasterPatio
VISION 50

081.9092.04

BORSTELDICHTING 7MM
JOINT-BROSSE 7MM
WOOLPILE 7MM
BUERSTENDICHTUNG 7MM
CEPILLO 7MM
SZCZOTKA 7MM

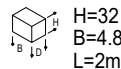


CP 155
CP 155-LS
CS 59
CS 59PA
CS 68
CS 77
CS 77-BP
CS 77-FP
CS 77-SP
CS 86-HI
ES 50

ES 50-AP
MASTERLINE 8-Fu
MasterPatio
MOSQUITO
SL 38
VISION 50

081.9140.04

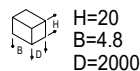
BORSTELDICHTING DEUR ONDER
JOINT-BROSSE PORTES EN BAS
WOOLPILE DOORS BOTTOM
BUERSTENDICHTUNG TUEREN UNTEN
CEPILLO INFERIOR PUERTAS
SZCZOTKA DRZWIOWA



CI 45
CS 59
CS 59PA
CS 68
CS 77
CS 77-BP

081.9141.04

BORSTELDICHTING DEUR ONDER
JOINT-BROSSE PORTES EN BAS
WOOLPILE DOORS BOTTOM
BUERSTENDICHTUNG TUEREN UNTEN
CEPILLO INFERIOR PUERTAS
SZCZOTKA DRZWIOWA

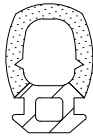
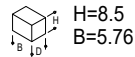
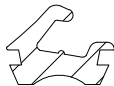
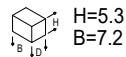


CS 86-HI
108.0030.XX
MASTERLINE 8-Fu
108.0030.XX

CS 77
CS 77-BP
CS 77-FP
ES 45PA
ES 50
ES 50-AP

CF 77
CF 77-AP
CS 59
CS 59PA
CS 68

081.9142.04BORSTELDICHTING DEUR ONDER
JOINT-BROSSE PORTES EN BAS
WOOLPILE DOORS BOTTOM
BUERSTENDICHTUNG TUEREN UNTEN
CEPILLO INFERIOR PUERTAS
SZCZOTKA DRZWIOWAH=25
B=4.8
L=2m**CS 59**
CS 59PA
CS 68
CS 77
CS 77-BP
ES 50
ES 50-AP
MASTERLINE 8-Fu**081.9230.07**BORSTELDICHTING BREED
JOINT-BROSSE LARGE
WOOLPILE WIDE
BUERSTENDICHTUNG BREIT
CEPILLO ANCHO
SZEROKA SZCZOTKAH=12.5
B=29
L=1m**CI 45**
CP 130
CP 130Pa
CP 155
CP 96
CP 96-AP
CP 96-LS
CP 96-LS/AP
CS 59
CS 59PA
CS 68
CS 77

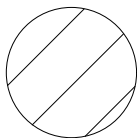
080.8442.04AKOESTISCHE DICHTING
JOINT ACOUSTIQUE
ACOUSTIC GASKET
SCHALLDICHTUNG
JUNTA ACUSTICA
USZCZELKA AKUSTYCZNACP 130
CP 130-LS
CP 130Pa
CP 130Pa-LSES 50
ES 50-AP
HFP 147
HFP 179
MASTERLINE 8-Fu
SlimPatio 68CF 68
CF 77
CF 77-AP
CP 155
CP 155-LS
CP 68Pa
CS 104-HI+
CS 38-SL (CANCEL)
CS 38-SL/AP (CANCEL)
CS 77
CS 77-FP
CS 86-HI (CANCEL)
ES 45PA**080.9445.04**AANSLAGDICHTING
JOINT DE BUTÉE
BUTT STRIP
ANSCHLAGDICHTUNG
JUNTA TOPE
USZCZELKACF 68
CS 104-HI+
CS 59
CS 59PA
CS 68
CS 77
CW 50
CW 50-RA
CW 60

080.9381.04

DICHTING Ø4.3MM
JOINT Ø4.3MM
GASKET Ø4.3MM
DICHTUNG Ø4.3MM
JUNTA Ø4.3MM
USZCZELKA Ø4.3MM



Ø4.3
EPDM DENSITY 0.5



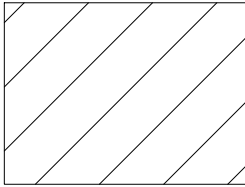
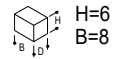
CP 130Pa
CP 130Pa-LS
CP 155
CP 155-AP
CP 155-LS
CP 155-LS/AP
CS 24-SL
CS 24-SL/AP

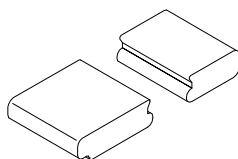
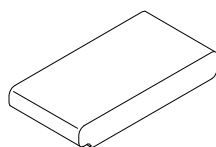
CS 59
CS 77-FP
CW 50
CW 50-HI
CW 50-HL
CW 50-RA
CW 50-SC
CW 50-SG
CW 50-SL
CW 50-VL
CW 60
CW 60-HI
CW 60-HL
CW 60-SC
CW 60-SG
CW 65-EF
CW 65-EF/HI
CW 65-EF/SG
ES 50
ES 50-AP

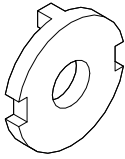
BOREALE
CD 45PA
CD 68
CI 45
CP 130
CP 130-LS
CP 45PA
CP 68Pa
CP 96
CP 96-LS
CR 120
CS 104-HI+

CS 38-SL
CS 38-SL/AP
CS 59-HV
CS 59PA
CS 59-RE
CS 59-SO
CS 68
CS 68-HV
CS 68-RE
CS 68-SO
CS 77
CS 77-HV
CS 77-SP
CS 86-HI
CSW 86-HI
CW 86-BR
CW 86-EF
ES 75
HFP 147
HFP 179

MASTERLINE 8-Fu
MasterPatio
PR 100
REYNASCREEN
TR 200
VISION 50
XS 68

080.9382.04DICHTING 8x6MM
JOINT 8x6MM
GASKET 8x6MM
DICHTUNG 8x6MM
JUNTA 8x6MM
USZCZELKA 8x6MM**CS 104-HI+**
CS 59
CS 59-HV
CS 59PA
CS 59-RE
CS 59-SO
CS 68
CS 68-HV
CS 68-RE
CS 68-SO
CS 77
CS 77-HV

068.8996.04AFDICHTINGSSTUK T-VERBINDER
PIECE D'ETANCHEITE JONCTION-T
SEALING T-BRACKET
ABDICHTUNG T-VERBINDER
SELLADO TOPE DE UNION
ELEMENT USZCZELNIAJACY ZLACZA TEOWEGO**CS 59PA**016.0100.XX
016.0104.XX
016.0106.XX
016.0113.XX
016.0114.XX
016.0120.XX
016.0125.XX
016.0136.XX
016.0143.XX
016.0183.XX
016.0817.XX
016.0847.XX
044.0125.XX
044.0136.XX
0K6.0817.XX
0K6.0847.XX**068.8997.04**AFDICHTINGSSTUK T-VERBINDER
PIECE D'ETANCHEITE JONCTION-T
SEALING T-BRACKET
ABDICHTUNG T-VERBINDER
SELLADO TOPE DE UNION
ELEMENT USZCZELNIAJACY ZLACZA TEOWEGOB=13
D=26**CS 59PA**016.1102.XX
016.1121.XX
016.1192.XX

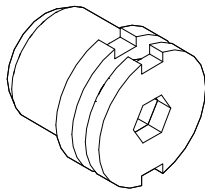
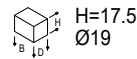
**056.6213.--**

AFSTANDSSTUK 056.6214.--
PIECE D'ECARTEMENT 056.6214.--
DISTANCE PIECE 056.6214.--
Distanzstueck 056.6214.--
PIEZA DISTANCIADORA 056.6214.--
ELEMENT DYSTANSOWY 056.6214.--

CF 77
CF 77-AP
CS 104-HI+
CS 59
CS 59-HV
CS 59PA
CS 59-RE
CS 59-SO
CS 68
CS 68-HV
CS 68-RE
CS 68-SO
CS 77
CS 77-BP
CS 77-HV
ES 50
ES 50-AP

056.6214.--

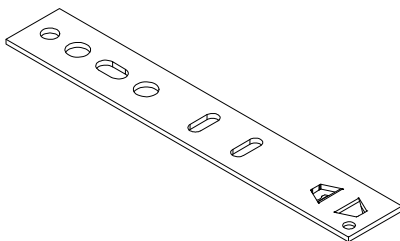
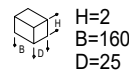
AFSTANDSSTUK
PIECE D'ECARTEMENT
DISTANCE PIECE
Distanzstueck
PIEZA DISTANCIADORA
ELEMENT DYSTANSOWY



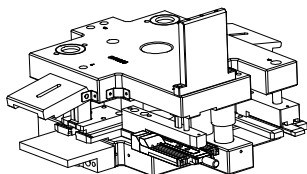
CS 104-HI+
CS 59
CS 59-HV
CS 59PA
CS 59-RE
CS 59-SO
CS 68
CS 68-HV
CS 68-RE
CS 68-SO
CS 77
CS 77-BP
CS 77-HV
CW 50
ES 50
ES 50-AP

056.6016.--

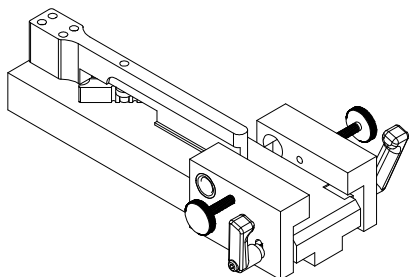
INDRAAI-ANKER 160MM
ANCRAGE A CLIPPER 160MM
SCREW FIXING LUG 160MM
MAUERANKER ZUM EINKLEMMEN 160MM
ANCLAJE CLIPADO 160MM
KOTEW MOCUJACA 160MM

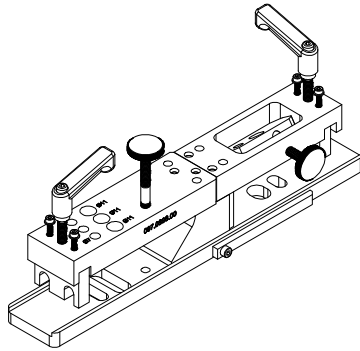


CF 68	CS 38-SL/AP	CS 68-FP
CF 77	CS 38-SL/FP	CS 68-HV
CF 77-AP	CS 59	CS 68-PD
CP 130	CS 59-AD	CS 68-RE
CP 130-LS	CS 59-AP	CS 68-SO
CP 155	CS 59-CD	CS 77
CP 155-AP	CS 59-HV	CS 77-AP
CP 155-LS	CS 59PA	CS 77-BP
CP 155-LS/AP	CS 59Pa-AD	CS 77-FP
CP 45PA	CS 59Pa-AP	CS 77-HV
CP 96	CS 59Pa-CD	CS 77-PD
CP 96-AP	CS 59Pa-SD	CS 77-RE
CP 96-LS	CS 59-PD	CS 77-SP
CP 96-LS/AP	CS 59-RE	CS 86-HI
CS 104-HI+	CS 59-SD	CS 86-HI/AP
CS 24-SL	CS 59-SO	ES 50
CS 24-SL/AP	CS 68	ES 50-AP
CS 38-SL	CS 68-AP	ES 75

097.N800.00MULTIFUNCTIONELE MATRIJS
MATRICE MULTIFONCTIONNELLE
MULTIFUNCTIONAL PUNCH TOOL
MEHRZWECKSTANZWERKZEUG
MATRIZ MULTIFUNCIONAL
WYKROJNIK WIELOFUNKCYJNY**CS 59PA**016.0014.XX
016.0026.XX
016.0106.XX
016.0114.XX
016.0125.XX
016.0143.XX
016.0183.XX
016.0847.XX
016.0898.XX
044.0136.XX
044.0140.XX
044.0192.XX
044.0202.XX
044.0212.XX
044.0220.XX
044.0292.XX
044.0502.XX
044.0505.XX**CS 59Pa-CD**016.0614.XX
016.0625.XX
016.0626.XX
016.0636.XX
044.0124.XX
044.0135.XX**CS 59Pa-SD**

016.0516.XX

097.0403.00BOORMAL VARIABLE HOEK
CALIBRE DE PERCAGE EQUERRE VARIABLE
BORING JIG VARIABLE CORNER CLEAT
BOHRLEHRE VARIABLE ECKVERBINDER
UTIL ESCUADRA ANGULO VARIABLE
SZABLON DO POLACZEN NAROZNYCH NASTAWNYCH**CS 59PA**016.0106.XX
016.0136.XX
016.0156.XX

**097.0398.00**

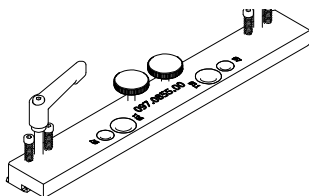
BOORMAL SCHROEFHOEK
CALIBRE DE PERCAGE EQUERRE A VISSE
BORING JIG SCREW CORNER CLEAT
BOHRLEHRE SCHRAUBECKWINKEL
UTIL ESCUADRA DE ATORNILLAR
SZABLON DO POLACZEN NAROZNYCH SKRECANYCH

CS 59PA

016.0014.XX
016.0026.XX
016.0100.XX
016.0106.XX
016.0113.XX
016.0114.XX
016.0120.XX
016.0125.XX
016.0136.XX
016.0143.XX
016.0183.XX
016.0817.XX
016.0847.XX
016.0898.XX
044.0140.XX
044.0202.XX
044.0212.XX
044.0220.XX
044.0236.XX
044.0292.XX

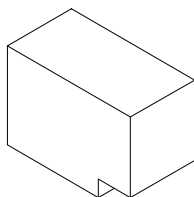
CS 59Pa-CD

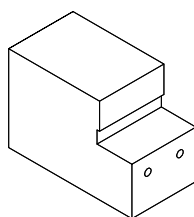
016.0614.XX
016.0625.XX
016.0626.XX
016.0636.XX

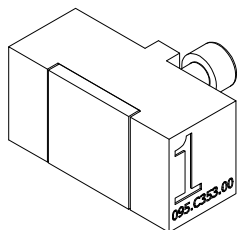
**097.0855.00**

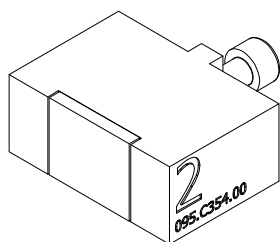
BOORMAL SCHROEFHOEK
CALIBRE DE PERCAGE EQUERRE A VISSE
BORING JIG SCREW CORNER CLEAT
BOHRLEHRE SCHRAUBECKWINKEL
UTIL ESCUADRA DE ATORNILLAR
SZABLON DO POLACZEN NAROZNYCH SKRECANYCH

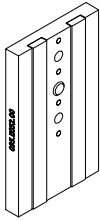
**CP 155-LS
VENTALIS**

095.B701.00KLEMBLOK VLEUGELS CS
BLOC DE SERRAGE OUVRANTS CS
CLAMP BLOCK VENTS CS
SPANNBACKE FLUEGEL CS
BLOQUE DE PRESION HOJAS CS
BLOK DOCISKOWY SKRZYDLA CSCP 155
CP 155-LS
CP 96
CP 96-LS
CS 24-SL
CS 38-SL
CS 59
CS 59-HV
CS 59PA
CS 59-RE
CS 59-SO
CS 68
CS 68-FP
CS 68-HV
CS 68-RE
CS 68-SO
CS 77-HV
CS 86-HI
CW 50
CW 60
ES 50
SL 68

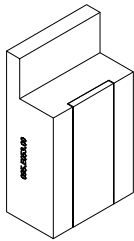
095.B702.00KLEMBLOK KADERS
BLOC DE SERRAGE DORMANTS
CLAMP BLOCK OUTER FRAMES
SPANNBACKE BLENDRAHMEN
BLOQUE DE PRESION MARCOS
BLOK DOCISKOWY OSCIEZNICYCP 155
CP 155-LS
CP 96
CP 96-LS
CS 24-SL
CS 38-SL
CS 59
CS 59-HV
CS 59PA
CS 59-RE
CS 59-SO
CS 68
CS 68-FP
CS 68-HV
CS 68-RE
CS 68-SO
CS 77-HV
CS 86-HI
CW 50
CW 60
ES 50
SL 68

095.C353.00KLEMBLOK
BLOC DE SERRAGE
CLAMP BLOCK
SPANNBACKE
BLOQUE DE PRESION
BLOK DOCISKOWYCP 155
CP 155-LS
CS 59
CS 59-RE
CS 59-SD
CS 59-SO
CS 68
CS 68-FP
CS 68-RE
CS 68-SO
CW 86-EF
SL 68

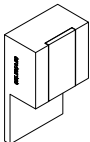
095.C354.00KLEMBLOKKEN
BLOCS DE SERRAGE
CLAMP BLOCKS
SPANNBACKEN
BLOQUES DE PRESION
BLOKI DOCISKOWECP 155
CP 155-LS
CS 59
CS 59-RE
CS 59-SD
CS 59-SO
CS 68
CS 68-FP
CS 68-RE
CS 68-SO
CW 86-EF
SL 68

095.E052.00KLEMBLOK
BLOC DE SERRAGE
CLAMP BLOCK
SPANNBACKE
BLOQUE DE PRESION
BLOK DOCISKOWY

SL 68

095.E053.00KLEMBLOK
BLOC DE SERRAGE
CLAMP BLOCK
SPANNBACKE
BLOQUE DE PRESION
BLOK DOCISKOWY

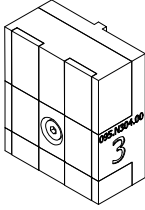
SL 68

095.E054.00KLEMBLOK
BLOC DE SERRAGE
CLAMP BLOCK
SPANNBACKE
BLOQUE DE PRESION
BLOK DOCISKOWY

SL 68

095.N304.00

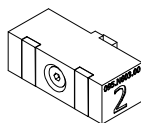
KLEMBLOK
BLOC DE SERRAGE
CLAMP BLOCK
SPANNBACKE
BLOQUE DE PRESION
BLOK DOCISKOWY



SL 68

095.N603.00

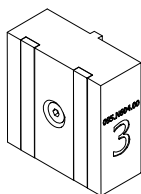
STEUNBLOKKEN
SUPPORTS
SUPPORT PIECES
STUETZKLOTZE
PIEZA DE SOPORTE
PODKLADKA



CP 130	GNRLS
CP 130-LS	MASTERLINE 10-De
CP 155	MASTERLINE 10-Fu
CP 155-AP	MASTERLINE 10-HV
CP 155-LS	MASTERLINE 10-Re
CP 155-LS/AP	MASTERLINE 8-De
CS 59	MASTERLINE 8-Fu
CS 59-HV	MASTERLINE 8-HV
CS 59PA	MASTERLINE 8-Re
CS 59-RE	MASTERLINE 8-Sw
CS 68	SL 38
CS 68-HV	
CS 68-RE	
CS 77	
CS 77-HV	
CS 77-RE	
CS 86-HI	
GNRL	

095.N604.00

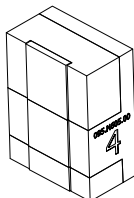
STEUNBLOKKEN
SUPPORTS
SUPPORT PIECES
STUETZKLOTZE
PIEZA DE SOPORTE
PODKLADKA



CP 130	GNRLS
CP 130-LS	MASTERLINE 10-De
CP 155	MASTERLINE 10-Fu
CP 155-AP	MASTERLINE 10-HV
CP 155-LS	MASTERLINE 10-Re
CP 155-LS/AP	MASTERLINE 8-De
CS 59	MASTERLINE 8-Fu
CS 59-HV	MASTERLINE 8-HV
CS 59PA	MASTERLINE 8-Re
CS 59-RE	MASTERLINE 8-Sw
CS 68	SL 38
CS 68-HV	
CS 68-RE	
CS 77	
CS 77-HV	
CS 77-RE	
CS 86-HI	
GNRL	

095.N605.00

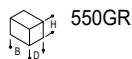
STEUNBLOKKEN
SUPPORTS
SUPPORT PIECES
STUETZKLOTZE
PIEZA DE SOPORTE
PODKLADKA



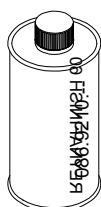
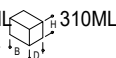
CS 59
CS 59-HV
CS 59PA
CS 59-RE
CS 68
CS 68-HV
CS 68-RE
CS 77
CS 77-HV
CS 77-RE
CS 86-HI

**084.9080.--**

REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO
REYNASEAL DUO

**084.9108.04**

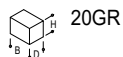
VULKANISEERLIJM DICTINGEN 310ML
COLLE VULCANISANTE JOINTS 310ML
VULCANISING GLUE GASKETS 310ML
VULKANISIERKLEBER DICTUNGEN 310ML
VULCANIZADOR JUNTAS 310ML
KLEJ WULKANIZUJACY DO USZCZELEK 310ML

**086.9210.--**

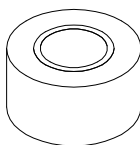
REYNAFINISH 60 (VOC=100 %)
REYNAFINISH 60 (VOC=100 %)
REYNAFINISH 60 (VOC=100 %)
REYNAFINISH 60 (VOC=100 %)
REYNAFINISH 60 (VOC=100 %)
REYNAFINISH 60 (VOC=100 %)

**084.9107.--**

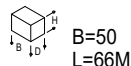
SEKONDENLIJM 20g
COLLE RAPIDE 20g
CONTACT GLUE 20g
SEKUNDENKLEBER 20g
ADHESIVO DE CONTACTO 20g
KLEJ SZYBKOWIAZACY 20g



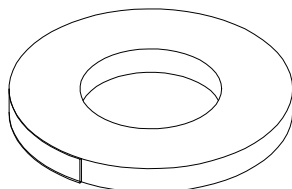
MASTERLINE 8-Fu
180.8682.04

084.9111.--

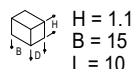
KLEEFBAND POLYPROPYLEEN
BANDE AUTOCOLLANTE POLYPROPYLENE
TAPE SELF-ADHESIVE POLYPROPYLENE
KLEBENDES BAND POLYPROPYLEN
CINTA POLIPROPYLENA
TASMA POLIPROPYLENOWA SAMOPRZYLEPNA



B=50
L=66M

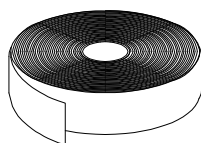
084.9115.04

KLEEFBAND 2-ZIJDEN KLEVEND 1.1x15
BANDE 2 FACES AUTOCOLLANTES 1.1x15
TAPE DOUBLE SIDES SELF-ADHESIVE 1.1x15
KLEBENDES BAND BEIDSEITIG 1.1x15
CINTA DOBLE CARA AUTOADHESIVA 1.1x15
TASMA OBUSTRONNIE KLEJACA 1.1x15

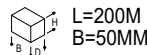


H = 1.1
B = 15
L = 10

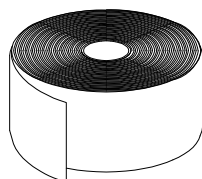
CW 50
CW 60
SL 38

084.9550.01

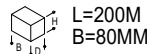
REYNATAPE 50MM L=200M
REYNATAPE 50MM L=200M
REYNATAPE 50MM L=200M
REYNATAPE 50MM L=200M
REYNATAPE 50MM L=200M
REYNATAPE 50MM L=200M



L=200M
B=50MM

084.9580.01

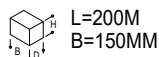
REYNATAPE 80MM L=200M
REYNATAPE 80MM L=200M
REYNATAPE 80MM L=200M
REYNATAPE 80MM L=200M
REYNATAPE 80MM L=200M
REYNATAPE 80MM L=200M



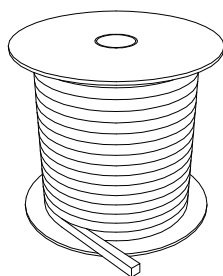
L=200M
B=80MM

084.9750.01

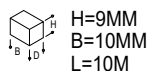
REYNATAPE 150MM L=200M
 REYNATAPE 150MM L=200M
 REYNATAPE 150MM L=200M
 REYNATAPE 150MM L=200M
 REYNATAPE 150MM L=200M
 REYNATAPE 150MM L=200M



L=200MM
 B=150MM

084.9380.04

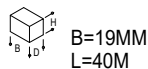
AFDICHTINGSBAND 1 ZIJDE ZELFKLEVEND 9x10MM
 JOINT D'ETANCHEITE 1 FACE AUTOCOLL. 9x10MM
 SEALING TAPE 1-SIDE SELF-ADHESIVE 9x10MM
 ABDICHTUNGSBAND EINSEITIG SELBSTKL. 9x10MM
 CINTA SELLANTE 1 CARA ADHESIVA 9x10MM
 TASMA USZCZLNIAJACA JEDNOST. SAMOK. 9x10MM



H=9MM
 B=10MM
 L=10M

084.9480.--

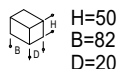
KLEEFBAND 2-ZIJDEN KLEVEND
 BANDE 2 FACES AUTOCOLLANTES
 TAPE DOUBLE SIDES SELF-ADHESIVE
 KLEBENDES BAND BEIDSEITIG
 CINTA DOBLE CARA AUTOADHESIVA
 TASMA OBUSTRONNIE KLEJACA



B=19MM
 L=40M

086.9150.--

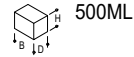
ALU GOM VOOR VLEKKEN
 GOMME POUR GRIFFES ET TACHES
 RUBBING BLOCK
 REINIGUNGSPAD FÜR ELOXAL-FLÄCHEN
 BORRADOR
 BLOK CIERNY



H=50
 B=82
 D=20

086.9213.--

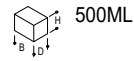
REYNOWASH ANO
REYNOWASH ANO
REYNOWASH ANO
REYNOWASH ANO
REYNOWASH ANO
REYNOWASH ANO



500ML

086.9211.--

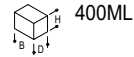
REYNOVATOR 718
REYNOVATOR 718
REYNOVATOR 718
REYNOVATOR 718
REYNOVATOR 718
REYNOVATOR 718



500ML

086.9551.--

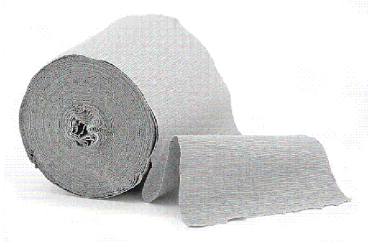
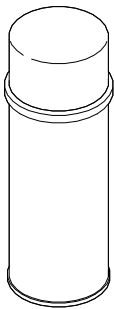
SILICONE-SPRAY 400ML
AEROSOL-SILICONE 400ML
SILICONE SPRAY 400ML
SILICONENSpray 400ML
SPRAY SILICONA 400ML
SPRAY SILIKONOWY 400ML



400ML

086.9207.06

REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR
REYNAPROTECTOR

086.9160.--INPAKPAPIER
PAPIER CREPONE
PACKAGING PAPER
VERPACKUNGSPAPIER
PAPEL DE EMBALAR
PAPIER PAKOWYB=100MM
L=50M**086.9175.--**SNIJMIDDEL-SPRAY 500ML
AEROSOL D'HUILE DE COUPE 500ML
CUTTING SPRAY 500ML
SCHNEIDMITTEL-SPRAY 500ML
SPRAY LUBRICACION MATRICES 500ML
SPRAY DO PILY 500ML

500ML

CS 77
CW 86



**Together
for better**